

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: area
Table Label: Area

Column Physical Name	Column Label	Column Description
areatypeiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
areasymbol	Area Symbol	A symbol that uniquely identifies a single occurrence of a particular type of area (e.g. Lancaster Co., Nebraska is NE109).
areaname	Area Name	The name given to the specified geographic area.
areaacres	Area Acres	The acreage total of all land and water areas in the specified geographic area.
obterm	Obsolete?	Indicates whether a term is obsolete.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
areaiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: areatext
Table Label: Area Text

Column Physical Name	Column Label	Column Description
areaiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
areatextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
areatextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: areatype
Table Label: Area Type

Column Physical Name	Column Label	Column Description
areatypename	Area Type Name	The name of a particular type of area. Area type names include "state", "county", "mlra", etc.
atdbiidref	Area Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
areatypeiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: attribute
Table Label: Attribute

Column Physical Name	Column Label	Column Description
sysiidref	Lineage	An integer number that uniquely identifies a database or information system repository in a particular database.
attlognm	Logical Name	No description available.
attphynm	Physical Name	The physical (SQL) name of an attribute.
attlabel	Label	The attribute label.
attlogdattyp	Logical Data Type	No description available.
attfldsiz	Field Size	For varchar and character data elements, this is the size allocated for the data element. Can be overridden with the column field size override column.
attprec	Precision	No description available.
uomiidref	Unit of Measure	An integer number that uniquely identifies a unit of measure in a particular database.
domiidref	Domain	An integer number that uniquely identifies a domain in a particular database.
attshortdtiq	Shorter DTIQ	No description available.
attlongdtiq	Longer DTIQ	No description available.
attmin	Minimum	No description available.
attmax	Maximum	No description available.
attcasesensitive	Case Sensitive	Indicates that the data in the column must be searched in a case sensitive manner.

NASIS 7.3.3 Table Column Descriptions

attoffdef	Official Definition
No description available.	
attextdef	Extended Definition
No description available.	
attributeid	Attribute Id
An integer value that uniquely identifies a column in a data model, not just within a table.	
orgper	Originating Person
No description available.	
conper	Contact Person
No description available.	
pendact	Pending Action
No description available.	
pendstat	Pending Status
No description available.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
attiid	Rec ID
An integer number that uniquely identifies an attribute in a particular database.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: attributehist
Table Label: Attribute History

Column Physical Name	Column Label	Column Description
attiidref	Lineage	An integer number that uniquely identifies an attribute in a particular database.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
attnoteiid	Rec ID	No description available.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: basalareatreescounted
Table Label: Basal Area Trees Counted

Column Physical Name	Column Label	Column Description
plotspeciebasalareaiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
treenumber	Tree #	The number assigned to a particular measured tree.
treeheight	Tree Height	The height of a particular tree measured.
treediameterbreastheight	Tree DBH	The diameter of measured tree at breast height, typically 4.5 feet above ground level.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
basalareatreescountediid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: beltdata
Table Label: Belt Data

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
planheightcllowerlimit	Plant Ht Class Lower Limit	The lower height limit of the plant height class being described.
planheightclupperlimit	Plant Ht Class Upper Limit	The upper height limit of the plant height class being described.
plantcount	# of Plants	The number of individual plants, for a given height class of a plant species, that are rooted within the sample area.
speciesdensity	Species Density	The number of individual plants of a species per acre for the specified height group. Calculated as the number of individual plants counted within the belt area, multiplied by 43,560, divided by area (sq. feet) covered by the belt (belt width x transect length).
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
beltdataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: belttransectsummary
Table Label: Belt Transect Summary

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
planheightcllowerlimit	Plant Ht Class Lower Limit	The lower height limit of the plant height class being described.
planheightclupperlimit	Plant Ht Class Upper Limit	The upper height limit of the plant height class being described.
plantcounttotal	Total # of Plants	The number of individual plants, for a given height class of all plant species.
htclassplantdensity	Ht. Class Plant Density	The number of individual plants of all species per acre for the specified height class.
recwlupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
belttranssummiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: calctext
Table Label: Calculation Text

Column Physical Name	Column Label	Column Description
calciidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
calctextkind	Kind	A text entry is identified by its kind, category and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
calctextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: calculation
Table Label: Calculation

Column Physical Name	Column Label	Column Description
calc_seq	Sequence	An integer number used to order the sequence in which calculation/validation names are displayed in a choice list.
calc_nm	Name	The name associated with a particular calculation function.
calc_type	Type	A code that distinguishes whether a function calculates the value(s) of one or more data elements or only checks the consistency of the values between two or more data elements.
calc_desc	Description	A narrative text description of a particular calculation function.
calc_tbl_iid	Base Table	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
calc	Script	A script that specifies a particular calculation/validation procedure.
dataafuse	Ready to use?	Indicates whether or not an object is approved for use.
calcdbiidref	NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	

NASIS 7.3.3 Table Column Descriptions

The key of the NASIS user who last updated the corresponding record.

calc_iid

Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chaashto
Table Label: Horizon AASHTO

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
aashtocl	AASHTO	A rating based on a system that classifies soils according to those properties that affect roadway construction and maintenance. Soils are classified into seven basic groups plus eight subgroups, for a total of fifteen for mineral soils. Another class for organic soils is used. The groups are based on determinations of particle-size distribution, liquid limit, and plasticity index. The group classification, including group index, is useful in determining the relative quality of the soil material for use in earthwork structures, particularly embankments, subgrades, subbases, and bases. (American Association fo State Highway and Transportation Officials)
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chaashtoiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chconsistence
Table Label: Horizon Consistence

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
rupresblkmst	Rupture Moist	The rupture resistance of a block-shaped specimen of 25 to 30 mm size and moist water state. (SSM)
rupresblkdry	Rupture Dry	The rupture resistance of a block-shaped specimen of 25 to 30 mm size and dry water state. (SSM)
rupresblkcem	Rupture Cement	The rupture resistance of a block-like specimen of 25 to 30 mm size that has been air dried and then submerged in water. (SSM)
rupresplate	Rupture Plate	The rupture resistance of an air dry plate-shaped specimen of specified size. (SSM)
mannerfailure	Manner of Failure	The manner in which soil specimens fail under increasing force. (SSM)
stickiness	Stickiness	The maximum capacity of thoroughly puddled soil to adhere to other objects.
plasticity	Plasticity	The degree to which a puddled, wet soil mass is permanently deformed without rupturing by a slow continuous application of force in any direction. (SSM)
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chconsistiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chdesgnsuffix
 Table Label: Horizon Designation Suffix

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
desgnsuffix	Suffix	One of the four kinds of symbols, that when concatenated, are used to distinguish different kinds of layers in soils. Letter suffixes are used to designate subordinate distinctions within master horizons, and layers using lowercase letters. (SSM)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chdesgnsfxiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chfrags
Table Label: Horizon Fragments

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
fragvol	Vol %	The volume percentage of the horizon occupied by the 2 mm or larger fraction (20 mm or larger for wood fragments), on a whole soil base.
fragsize	Size	Size based on the multiaxial dimensions of the fragment fraction.
fragkind	Kind	The lithology/composition of the 2 mm or larger fraction of the soil (20 mm or larger for wood fragments).
fragshp	Shape	A description of the overall shape of the fragment.
fraground	Roundness	An expression of the sharpness of edges and corners of fragments. (Sedimentary Rocks, Pettijohn, 1957)
fraghard	Hardness	The hardness of a fragment.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chfragsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chhuarts
Table Label: Horizon Human Artifacts

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
huartvol	Vol %	The volume percentage of the horizon occupied by discrete human artifacts.
huartsize	Size	The size of the described artifact, expressed as a class. If the artifact is nearly uniform, size is measured in the shortest dimension, such as the effective diameter of a cylinder or the thickness of a plate. For elongated or irregular bodies, size refers to the longest dimension unless that creates an erroneous impression, in which case direct measurements for 2 or 3 dimensions can be given if needed.
huartkind	Kind	The type of object or material being described. These were created (or modified) by humans for practical purposes related to activities such as manufacturing, construction, or waste disposal. Examples of artifacts include processed wood products, liquid petroleum products, coal combustion by-products, asphalt, fibers and fabrics, bricks, cinder blocks, concrete, plastic, glass, rubber, paper, cardboard, iron and steel, altered or manufactured metals and minerals, sanitary and medical waste, garbage and landfill waste.
huartco	Cohesion	Cohesion refers to the relative ability of the artifact to remain intact after significant disturbance.
huartshp	Shape	A description of the overall shape of the artifact.
huartrnd	Roundness	An expression of the sharpness of edges and corners of artifacts.
huartpen	Penetrability	The relative ease with which roots can penetrate the artifact and potentially extract any stored moisture, nutrients or toxic elements.
huartsafety	Safety	The degree of risk to humans from contact with these soils. Physical contact with soils containing dangerous or harmful artifacts should be avoided unless proper training and protective clothing is available.
huartper	Persistence	The relative ability of solid artifacts to withstand weathering over time.
recwupdated	Record Last Updated	

NASIS 7.3.3 Table Column Descriptions

The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

chhuartiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chorizon
Table Label: Horizon

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
hzdept	Top Depth	The distance from the top of the soil to the upper boundary of the soil horizon.
hzdepb	Bottom Depth	The distance from the top of the soil to the base of the soil horizon.
hzthk	Thickness	A measurement from the top to bottom of a soil horizon throughout its areal extent.
hzname	Designation	The concatenation of three kinds of symbols (four data elements) used in various combinations to designate layers within the soil. (SSM)
desgndisc	Disc	One of four kinds of symbols, when concatenated, are used to distinguish different kinds of layers in soils. A discontinuity is a significant change in particle-size distribution or mineralogy that indicates a difference in the material from which the horizons formed and/or a significant difference in age, unless that difference in age is indicated by the suffix "b".
desgnmaster	Master	One of four kinds of symbols, that when concatenated, are used to distinguish different kinds of layers in soils. Master horizons and layers are the base symbols to which other characters are added to complete the designations. Capital letters, virgules (/), the word 'and', and carets (^) are used. (SSM)
desgnmasterprime	Prime	A character used to indicate that this horizon has an identical horizon designation as some overlying horizon. The two horizons in question are separated by at least one other horizon.
desgnvert	Sub	One of the four kinds of symbols, when concatenated, are used to distinguish different kinds of layers in soils. Vertical subdivisions are used to subdivide a horizon or layer designated by a single letter or combination of letters.
fragvoltot	Total Fragment Volume	The total volume percentage of the horizon occupied by the 2 mm or larger fraction (20 mm or larger for wood fragments), on a whole soil base.
fraggt10	Rock >10	The percent by weight of the horizon occupied by rock fragments greater than 10 inches in size.

NASIS 7.3.3 Table Column Descriptions

frag3to10	Rock 3-10
The percent by weight of the horizon occupied by rock fragments 3 to 10 inches in size.	
huartvoltot	Total Human Artifact Volume
The total volume percentage of the horizon occupied by discrete human artifacts.	
sieveno4	#4
Soil fraction passing a number 4 sieve (4.70mm square opening) as a weight percentage of the less than 3 inch (76.4mm) fraction.	
sieveno10	#10
Soil fraction passing a number 10 sieve (2.00mm square opening) as a weight percentage of the less than 3 inch (76.4mm) fraction.	
sieveno40	#40
Soil fraction passing a number 40 sieve (0.42mm square opening) as a weight percentage of the less than 3 inch (76.4mm) fraction.	
sieveno200	#200
Soil fraction passing a number 200 sieve (0.074mm square opening) as a weight percentage of the less than 3 inch (76.4mm) fraction.	
sandtotal	Total Sand
Mineral particles 0.05mm to 2.0mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.	
sandvc	vcos
Mineral particles 1.0mm to 2.0mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.	
sandco	cos
Mineral particles 0.5mm to 1.0mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.	
sandmed	ms
Mineral particles 0.25mm to 0.5mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.	
sandfine	fs
Mineral particles 0.10 to 0.25mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.	
sandvf	vfs
Mineral particles 0.05 to 0.10mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.	
silttotal	Total Silt
Mineral particles 0.002 to 0.05mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction.	
siltco	Coarse Silt
Mineral particles ranging in size from 0.02mm to 0.05mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction.	
siltfine	Fine Silt
Mineral particles ranging in size from 0.002 to 0.02mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction.	
claytotal	Total Clay

NASIS 7.3.3 Table Column Descriptions

Mineral particles less than 0.002mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction.

claysizedcarb CaCO₃ Clay

Carbonate particles less than 0.002mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction.

micakind Mica Kind

The mineralogical kind of mica present.

micaveryfinepct Mica 0.02-0.25 mm

The percentage, on a weight basis, of the 0.02 to less than 2 mm fraction of the soil comprised of mica in the 0.02 to less than 0.25 mm size range. This value is computed by converting grain counts from lab analysis using the following procedure. (% mica of the 0.02 to <0.25 mm fraction by grain count) x (% by weight of the 0.02 to <2 mm fraction) = % mica, converted. If multiple size fractions are counted in the lab, a weighted average of the individual counts is used for the percent mica in the 0.02 to <0.25 mm fraction.

micafinepct Mica 0.25-2 mm

The percentage, on a weight basis, of the 0.02 to less than 2 mm fraction of the soil comprised of mica in the 0.25 to less than 2 mm size range. This value is computed by converting grain counts from lab analysis using the following procedure. (% mica of the 0.25 to <2 mm fraction by grain count) x (% by weight of the 0.02 to <2 mm fraction) = % mica, converted. If multiple size fractions are counted in the lab, a weighted average of the individual counts is used for the percent mica in the 0.25 to <2 mm fraction.

om OM

The amount by weight of decomposed plant and animal residue expressed as a weight percentage of the less than 2 mm soil material.

fiberrubbedpct Rubbed Fiber %

The proportion of organic soil material that is composed of fibers, reported as a percent by volume of the less than 20 mm fraction after rubbing between the thumb and fingers.

fiberunrubbedpct Unrubbed Fiber %

The proportion of organic soil material composed of fibers, reported as a percent by volume of the less than 20 mm fraction before rubbing between thumb and fingers.

dbtentibar Db 0.1 bar H₂O

The oven dried weight of the less than 2 mm soil material per unit volume of soil at a water tension of 1/10 bar.

dbthirdbar Db 0.33 bar H₂O

The oven dry weight of the less than 2 mm soil material per unit volume of soil at a water tension of 1/3 bar.

dbfifteenbar Db 15 bar H₂O

The oven dry weight of the less than 2 mm soil material per unit volume of soil at a water tension of 15 bar.

dbovendry Db oven dry

The oven dry weight of the less than 2 mm soil material per unit volume of soil exclusive of the desiccation cracks, measured on a coated clod.

partdensity Dp

Mass per unit of volume (not including pore space) of the solid soil particle either mineral or organic. Also known as specific gravity.

ksat Ksat

The ease with which pores of a saturated soil transmit water. Formally, the proportionality coefficient that expresses the relationship of the rate of water movement to hydraulic gradient in Darcy's Law, a law that describes the rate of water movement through porous media. Commonly abbreviated as "Ksat". Expressed micrometers per second. To convert micrometers per second to inches per hour, multiply micrometers per second by 0.1417.

NASIS 7.3.3 Table Column Descriptions

awc	AWC	The amount of water that an increment of soil depth, inclusive of fragments, can store that is available to plants. AWC is expressed as a volume fraction, and is commonly estimated as the difference between the water contents at 1/10 or 1/3 bar (field capacity) and 15 bars (permanent wilting point) tension and adjusted for salinity, and fragments.
wtenthbar	0.1 bar H2O	The volumetric content of soil water retained at a tension of 1/10 bar (10 kPa), expressed as a percentage of the whole soil.
wthirdbar	0.33 bar H2O	The volumetric content of soil water retained at a tension of 1/3 bar (33 kPa), expressed as a percentage of the whole soil.
wfifteenbar	15 bar H2O	The volumetric content of soil water retained at a tension of 15 bars (1500 kPa), expressed as a percentage of the whole soil.
wsatiated	Satiated H2O	The estimated volumetric soil water content at or near zero bar tension, expressed as a percentage of the whole soil.
lep	LEP	The linear expression of the volume difference of natural soil fabric at 1/3 or 1/10 bar water content and oven dryness. The volume change is reported as percent change for the whole
ll	LL	The water content of the soil at the change between the liquid and plastic states. Values less than 14 cannot be measured and are assigned a zero in the database. The zero indicates a non-plastic soil.
pi	PI	The numerical difference between the liquid limit and plastic limit.
taufact	TauC	The hydraulic shear that must be exceeded before rill erosion can occur.
aashind	AASHTO Group Index	The empirical group index formula devised for approximately within-group evaluation of the "clayey granular materials" and the "silty-clay materials".
kwfact	Kw	An erodibility factor which quantifies the susceptibility of soil particles to detachment and movement by water for the whole soil (includes rock fragments). This factor is adjusted for the effect of rock fragments expressed in ton.acre.hr (hundreds of acre.foot.tonf.inch)-1.
kffact	Kf	An erodibility factor which quantifies the susceptibility of soil particles to detachment by water for the fine earth portion of the soil (excludes rock fragments) expressed in ton.acre.hr (hundreds of acre.foot.tonf.inch)-1.
kifact	Ki	A measure of the susceptibility of a soil to detachment and transport by water.
krfact	Kr	A measure of the susceptibility of a soil to detachment by flowing water.

NASIS 7.3.3 Table Column Descriptions

caco3	CaCO ₃	The quantity of Carbonate (CO ₃) in the soil expressed as CaCO ₃ and as a weight percentage of the less than 2 mm size fraction.
gypsum	Gypsum	The percent by weight of hydrated calcium sulfate in the less than 20 mm fraction of soil.
sar	SAR	A measure of the amount of Sodium (Na) relative to Calcium (Ca) and Magnesium (Mg) in the water extract from saturated soil paste. (Soil Survey Staff (2004, method 4F3b)
esp	ESP	The fraction of the cation exchange capacity of a soil that is occupied by sodium ions, expressed as a percent.
ec	EC	The electrical conductivity of an extract from saturated soil paste.
ec15	EC 1:5 by volume	The electrical conductivity of an extract from a 1:5 volumetric dilution of soil to water.
cec7	CEC-7	The amount of readily exchangeable cations that can be electrically adsorbed to negative charges in the soil, soil constituent, or other material, at pH 7.0, as estimated by the ammonium acetate method. Previously reported as meq/100 g which is equivalent to cmol+/kg.
ecec	ECEC	The sum of NH ₄ OAc extractable bases plus KCl extractable aluminum. Previously reported as meq/100 g which is equivalent to cmol+/kg.
sumbases	Sum of Bases	The sum of NH ₄ OAc extractable bases (pH 7.0), reported on less than 2mm base. Previously reported as meq/100 g which is equivalent to cmol+/kg.
ph1to1h2o	pH 1:1 water	The negative common logarithm of the hydrogen ion activity in the soil using the 1:1 soil-water ratio method. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)
ph01mcacl2	pH .01M CaCl ₂	The negative common logarithm of the hydrogen ion activity in the soil, using the 0.01M CaCl ₂ method, in a 1:2 soil:solution ratio. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)
phoxidized	pH Oxidized	The negative common logarithm of the hydrogen ion activity in the soil using the oxidized pH method. It is used as an indicator of the presence of sulfidic materials. This is the final pH measured after several moist/dry cycles when using SSIR51V1-7.1.3.1 Hydrogen Peroxide Test, Delta pH test for Acid Sulfate Soils.
freeiron	Free Iron	The secondary iron oxides such as goethite, hematite, ferrihydrite, lepidocrocite and maghemite. This form of iron may occur as discrete particles, as coatings on other particles, or as cementing agents between soil mineral grains. It is iron extracted by dithionite-citrate.
feoxalate	Oxalate Fe	

NASIS 7.3.3 Table Column Descriptions

The amount of ammonium oxalate extractable iron in the less than 2mm fraction. It is considered a measure of noncrystalline iron in the soil.

extracid Ext Acidity

A measure of soil exchangeable hydrogen ions that may become active by cation exchange. Previously reported as meq/100 g which is equivalent to cmol+/kg.

extral Extract Al

The amount of aluminum extracted in 1 normal potassium chloride which approximates the exchangeable Al, and is a measure of the active acidity present in soils with a 1:1 water pH less than 5.5. It relates to the immediate lime requirement and the CEC of the soil. The following laboratory method is applied: 55 ml of 1 normal potassium chloride is extracted through 2.5 g of soil sample. The extract is analyzed by use of an atomic adsorption spectrometer or similar instrument (SSIR #1, method 6G9a and NSSH). Previously reported as meq/100 g which is equivalent to cmol+/kg.

aloxalate Oxalate Al

The amount of ammonium oxalate extractable aluminum in the less than 2mm fraction. This is an estimate of the total pedogenic aluminum, much of which may be in noncrystalline material, or complexed by organic matter.

rmonosulfidep Reduced Monosulfide Presence

An indicator of the presence of reduced monosulfides in the soil as indicated by a soil color change within 10 seconds following the addition of 3 percent hydrogen peroxide (H₂O₂) solution. The color change is usually an increase in value by 2 or more units.

pbray1 Bray 1 Phos

The amount of phosphorous in the less than 2mm fraction, that is extractable using the Bray1 method. It represents the plant available phosphorous content.

poxalate Oxalate Phos

The amount of phosphorous in the less than 2mm fraction, that is extractable by ammonium oxalate method. It represents the phosphorous level intermediate between total P and

ph2osoluble Water Soluble Phos

The amount of water soluble phosphorous in the less than 2mm fraction, that is extractable by distilled water. It represents the mobile phosphorous content.

ptotal Total Phos

The estimate of the total phosphorous content of the soil, measured after total dissolution of a size fraction of the soil material. It is reported as a gravimetric percent oxide of the size fraction used.

nzpretention NZ Phos Retention

The phosphorous retention capacity, measured as a gravimetric percent, of the soil as determined by the New Zealand P Retention method. The value is reported as percent P retained in the soil.

excavdifcl Excav Diff

An estimation of the difficulty of working an excavation into soil layers, horizons, pedons, or geologic layers. In most instances, excavation difficulty is related to and controlled by a water state.

excavdifms Excav Diff Moisture

The soil moisture status for which the excavation difficulty class is assigned for the individual component.

layerid SIR Layer (obsolete)

A convention to identify the original layers on the SIR. Example: layerid 11 for the first surface (layer) of a multisurface record, 12 for the second surface layer, 2 through 6 for subsurface layers.

NASIS 7.3.3 Table Column Descriptions

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

chiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chpores
Table Label: Horizon Pores

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
poreqty	Quantity	The number of a selected size of pores per unit area of undisturbed soils.
poresize	Size	The average diameter of a pore. (SSM)
porecont	Continuity	Average vertical distance through which the minimum diameter of the pore exceeds 0.5mm when the soil layer is moist or wetter.
poreshp	Shape	A description of the multiaxial shape of the pore.
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chporesiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chstruct
Table Label: Horizon Structure

Column Physical Name	Column Label	Column Description
chstructgrpiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
structgrade	Grade	The distinctness of the peds described in terms of ease of separation into discrete units.
structsize	Size	Measurement of the smallest dimension of the selected secondary particles, units, or peds.
structtype	Type	The multiaxial shape of secondary particles, units, or peds.
structid	Structure ID	A row ID assigned by a user to identify a particular row in a table.
structpartsto	Parts to Structure ID	Field to indicate if the previous record parts to the current record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chstructiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chstructgrp
Table Label: Horizon Structure Group

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
structgrpname	Structure	The narrative description of the soil structure within a soil horizon.
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chstructgrpiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chtext
Table Label: Horizon Text

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
chorizontextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chtexiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chtexture
Table Label: Horizon Texture

Column Physical Name	Column Label	Column Description
chtgiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
texcl	Texture	An expression, based on the USDA system of particle sizes, for the relative portions of the various size groups of individual mineral grains less than 2mm equivalent diameter in a mass of soil.
lieutex	In Lieu	Substitute terms applied to materials that do not fit into a textural class because of organic matter content, size, rupture resistance, solubility, or another reason.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chtiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chtexturegrp
 Table Label: Horizon Texture Group

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
texture	Tex Mod & Class	Name for the concatenation of TEXTURE_MODIFIER and TEXTURE_CLASS.
stratextsflag	Stratified?	A Boolean flag that when set (Y) indicates that the textures that comprise a particular texture group, are stratified.
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chtgiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chtexturemod
 Table Label: Horizon Texture Modifier

Column Physical Name	Column Label	Column Description
chtiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
texmod	Modifier	A term used to denote the presence of a condition or component other than sand, silt, or clay.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chtexmodiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: chunified
Table Label: Horizon Unified

Column Physical Name	Column Label	Column Description
chiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
unifiedcl	Unified	A system for classifying mineral and organo-mineral soils for engineering purposes based on particle size characteristics, liquid limit, and plasticity index.
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
chunifiediid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cocanopycover
 Table Label: Component Canopy Cover

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
plantcov	Canopy Cover %	Percent of coverage (canopy) attributed to a specific plant species.
lplantiidref	Local Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cocanopycoviid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cocropyld
Table Label: Component Crop Yield

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
cropname	Crop Name	The common name for the crop.
yldunits	Units	Crop yield units per unit area for the specified crop.
nonirryield	Nirr Yield	The expected yield per acre of the specific crop without supplemental irrigation.
irryield	Irr Yield	The expected yield per acre of the specific crop with irrigation.
cropprodindex	Prod Index	An index of the capacity of a soil to produce a specific plant under a defined management system.
vasoiprdgrp	VA Soil Prod Grp	Crop specific groupings of soils indicating potential yields under a high level of management.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cocropyldiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: codiagfeatures
 Table Label: Component Diagnostic Features

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
featdept	Top Depth	The distance from the top of the soil to the upper boundary of the identified diagnostic horizon or to the upper limit of the occurrence of the diagnostic feature.
featdepb	Bottom Depth	The distance from the top of the soil to the base of the identified diagnostic horizon or to the lower limit of the occurrence of the diagnostic feature.
featthick	Thickness	The distance from the upper to lower boundary of the identified diagnostic horizon or feature.
featkind	Kind	Kind of diagnostic horizon or diagnostic feature in the soil.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
codiagfeatiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: coecosite
Table Label: Component Ecological Site

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
ecositeiidref	Ecological Site	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
coecositeiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: coeplants
 Table Label: Component Existing Plants

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
lplantiidref	Local Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
forestunprod	Understory Comp %	The percentage of total annual site production attributed to the specific forest understory plant, expressed as percent of total air dry plant material by weight.
rangeprod	Range Comp %	The percentage of total annual site production attributed to the specific rangeland plant, expressed as percent of total air dry plant material by weight.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
coeplantsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: coerosionacc
 Table Label: Component Erosion Accelerated

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
erokind	Kind	The type of detachment and removal of surface soil particles as largely affected by human activities. (SSM)
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
coeroacciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: coforprod
Table Label: Component Forest Productivity

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
lplantiidref	Local Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
siteindexbase	Site Index Base	The number in the National Register of Site Index Curves corresponding to the site index curve used to determine the site index and the annual productivity of forest overstory tree
siteindex	Site Index	The height in feet of the dominant or dominant and co-dominant trees at some index age, except for the pinyon-juniper forest type, for which site index is determined by basal area.
siteindexstddev	Site Index Std Deviation	The standard deviation of the plot site index measurements. The site index standard deviation (SD) provides a measure of the statistical dispersion of the plot site index data. This data element would only be populated if there are three or more plots. A SD of 10 or less signifies that the desired maximum range of dispersion has been met. If the SD is more than 10, then either more plots are suggested to bring it down to 10 or less, the need for a class-determining phase is warranted to bring SD to 10 or less, or the soil has a naturally wide dispersion (National Forestry Manual, part 537.33)
fprodcmal	Productivity ft3/ac/yr CMAI	The annual growth of forest overstory tree species.
fprodage	Productivity CMAI Age	The tree age at which the culmination of mean annual increment (CMAI - cubic feet / acre year) is reached. Culmination of mean annual increment as stored in NASIS is the point in the growth cycle of a tree or stand at which the mean annual increment for volume is at a maximum (National Forestry Manual, Appendix - Terminology).
mnfprodindex	MN Prod Index	An index of forest productivity, by species, as determined by guidelines developed within the state of Minnesota.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.

NASIS 7.3.3 Table Column Descriptions

cofprodid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: coforprodo
Table Label: Component Forest Productivity - Other

Column Physical Name	Column Label	Column Description
cofprodiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
siteindexbase	Site Index Base	The number in the National Register of Site Index Curves corresponding to the site index curve used to determine the site index and the annual productivity of forest overstory tree
siteindex	Site Index	The height in feet of the dominant or dominant and co-dominant trees at some index age, except for the pinyon-juniper forest type, for which site index is determined by basal area.
fprod	Productivity	The annual growth of forest overstory tree species.
fprodunits	Units	The unit of measure in which the annual productivity of forest overstory tree species is expressed.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cofprodoiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cogeomordesc
 Table Label: Component Geomorphic Description

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
geomfiidref	Geomorphic Feature	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
geomfmod	Feature Modifier	A user specified term(s) used in association with geomorphic features to further define, clarify, and describe the setting of a soil in the the landscape. The terms may, for example, describe relative position, mode of formation, degree of degradation, slope, or geologic time of origin.
geomfeatid	Feature ID	A row ID assigned by a user to identify a particular row in a table.
existsonfeat	Exists On Feature ID	An integer referring to a sequence number in the same table, intended to indicate a relationship between two or more rows in a table.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cogeomdiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cohycrit
Table Label: Component Hydric Criteria

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
hydriccriterion	Hydric Criterion	Criterion code for the soil characteristic(s) and/or feature(s) that cause the map unit component to be classified as a "hydric soil." These codes are the paragraph numbers in the hydric soil criteria publication.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cohycritiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: columnlookup
Table Label: Column Lookup

Column Physical Name	Column Label	Column Description
tabcoliidref	Lineage	An integer number that uniquely identifies a column in a particular database.
displayseq	Display Sequence	The left to right sequence in which lookup columns in a related table should be displayed.
branch	Branch	An integer value used to distinguish on branch of a column lookup from another. Both branches must share the same relationship or set of relationships from the foreign key table to that table's drill down parent table, in the case of a drill down relationship, or to that table/s immediate lookup table in the case of a lookup relationship.
relationshipiidref	Relationship	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
displaytabcoliidref	Display Column	An integer value that uniquely identifies a column in a data model. In this case a column that should be displayed in lieu of a foreign key.
displaycolumnlabel	Column Label Override	The label that should be displayed for a column in a lookup choice list and when that column is displayed in lieu of a foreign key.
choicelistonly	Display Only in Choice List?	A Boolean value that indicates whether or not the corresponding column should be displayed in a choice list but not be displayed in lieu of the corresponding foreign key in a table once a selection has been made. This switch can be used to include an obsolete indicator in a choice list but exclude that column from being displayed in the related table itself.
orgper	Originating Person	No description available.
conper	Contact Person	No description available.
pendact	Pending Action	No description available.
pendstat	Pending Status	No description available.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	

NASIS 7.3.3 Table Column Descriptions

The key of the NASIS user who last updated the corresponding record.

columnlookupiid

Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: columnlookuphist
Table Label: Column Lookup History

Column Physical Name	Column Label	Column Description
columnlookupiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
collookupnoteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: comonth
Table Label: Component Month

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
month	Month	One of the twelve months of the year.
flodfreqcl	Flooding Frequency	The annual probability of a flood event expressed as a class. (SSM).
floddurcl	Flooding Duration	Average duration of inundation per flood occurrence and expressed as a class. (NSSH)
pondfreqcl	Ponding Frequency	The number of times ponding occurs over a period of time. (SSM)
ponddurcl	Ponding Duration	The average duration, or length of time, of the ponding occurrence. (NSSH)
ponddep	Ponding Depth	The depth of surface water that is ponding on the soil.
dlyavgprecip	Daily Precip	The daily average precipitation for the referenced month. Commonly calculated as the total precipitation for the month divided by the number of days in the month. (February nominally has 28 days).
dlyavgpotet	Daily ET	Daily average potential evapotranspiration for the referenced month.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
comonthiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be

edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: comparativeyielddata
 Table Label: Comparative Yield Data

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
yieldrank	Yield Rank	A numeric value that estimates production of the quadrat being evaluated compared to the five clipped reference quadrats for the transect (located in "Reference Quadrats" table). Values range from zero to five, zero being no yield and five being high-yield.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
compyielddataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: comparativeyieldrefquadrats
 Table Label: Comparative Yield Reference Quadrats

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
refyieldrank	Ref Yeild Rank	The identifier of each reference yield rank quadrat associated with a transect that indicate increasing levels of production. Five reference quadrats are subjectively located, clipped and weighed. Reference 1 is assigned to the lowest yielding, and Reference 5 assigned to the highest yielding quadrat.
quadratsize	Quadrat Size	The total area of the vegetation quadrat used.
quadratshape	Quadrat Shape	The shape of the quadrat used. Most common shapes are rectangular and circular.
clippedwtrefquadrat	Clipped Wiegth	The fresh (green) clipped weight in grams of the particular reference quadrat.
compyldconvfactor	Conversion Factor	The conversion factor used to get lbs/ac from grams per the area unit, used in the reference quadrats.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
compyldrefquadiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: component
Table Label: Component

Column Physical Name	Column Label	Column Description
dmuiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
compct	Comp %	The percentage of the component of the mapunit.
compname	Component Name	Name assigned to a component based on its range of properties.
localphase	Local Phase	Phase criterion to be used to help uniquely identify soil components or pedons. These are terms such as "drained", "eroded", etc.
compkind	Taxon Kind	Identifies the kind of component of the mapunit. Examples are series and miscellaneous areas.
majcompflag	Major Component	Indicates whether or not a component is a major component in the mapunit.
otherph	SIR phase - obsolete	Phase criterion other than slope, texture, and flooding used to identify soil components.
slope	Slope Gradient	The difference in elevation between two points, expressed as a percentage of the distance between those points. (SSM)
sloplenuse	Slope Length USLE	The distance from the point of origin of overland flow to the point where either the slope gradient decreases enough that deposition begins, or the runoff water enters a well-defined channel that may be part of a drainage network or a constructed channel. (Predicting Rainfall Erosion Losses a Guide to Conservation Planning, Agr. Handbook #537, USDA, 1978).
runoff	Local Runoff Class	Runoff potential class for the soil, assigned based on local/state/MLRA criteria.
tfact	T	Soil loss tolerance factor. The maximum amount of erosion at which the quality of a soil as a medium for plant growth can be maintained.
wei	WEI	A value in tons/acre/year that is a factor in calculating soil loss by wind. The values are acquired from WEG.

NASIS 7.3.3 Table Column Descriptions

weg	WEG	Grouping of soils that have similar properties affecting their resistance to soil blowing in cultivated areas. The groups indicate the susceptibility to soil blowing.
erocl	Erosion Class	Class of accelerated erosion. (SSM)
earthcovkind1	Cover Kind 1	The natural or artificial material that is observed to cover a portion of the earth's surface. It is determined (at least conceptually) as a vertical projection downward. Level one of a hierarchical system. (1992 NRI Instructions)
earthcovkind2	Cover Kind 2	The description of ground cover based on a set of vegetal and non-vegetal classes. It is determined (at least conceptually) as a vertical projection downward. Level two of a hierarchical system.
hydricon	Hydric Condition	Natural condition of the soil component.
hydricrating	Hydric Rating	A yes/no field that indicates whether or not a map unit component is classified as a "hydric soil". If rated as hydric, the specific criteria met are listed in the Component Hydric Criteria table.
drainagecl	Drainage Class	Identifies the natural drainage conditions of the soil and refers to the frequency and duration of wet periods. An example of a drainage class is well drained.
hydrologystatus	Hydrology Status	An indicator of whether or not the natural hydrology of the soil has been significantly modified by human activity.
elev	Elevation	The vertical distance from mean sea level to a point on the earth's surface.
aspectccwise	Aspect Counter Clockwise	One end of the range in characteristics for the slope aspect of a component. This end of the range is expressed in degrees measured clockwise from true north, and is the end of the range that is counter-clockwise from the representative slope aspect.
aspectrep	Aspect Representative	The common, typical, or expected direction toward which the surface of the soil faces, expressed as an angle between 0 and 360 degrees measured clockwise from true north.
aspectcwise	Aspect Clockwise	One end of the range in characteristics for the slope aspect of a component. This end of the range is expressed in degrees measured clockwise from true north, and is the end of the range that is clockwise from the representative slope aspect.
albedodry	Albedo Dry	The estimated ratio of the incident short-wave (solar) radiation that is reflected by the air dry, less than 2 mm fraction of the soil surface.
airtempa	MAAT	

NASIS 7.3.3 Table Column Descriptions

The arithmetic average of the daily maximum and minimum temperatures for a calendar year taken over the standard "normal" period, 1961 to 1990.

map MAP

The arithmetic average of the total annual (liquid) precipitation taken over the standard "normal" period, 1961-1990.

reannualprecip REAP

An estimate of the amount of moisture available for plant use and/or soil forming processes at a given site. It may vary, plus or minus, from "actual" precipitation amounts as a function of runoff, runoff, temperature, aspect, etc.

ffd Frost Free Days

The expected number of days between the last freezing temperature (0 degrees Celsius) in spring (Jan-Jul) and the first freezing temperature (0 degrees Celsius) in the fall (Aug-Dec). The number of days is based on the probability that the values for the standard "normal" period of 1961 to 1990 will be exceeded in 5 years out of 10.

soiltempa MAST

The mean annual soil temperature (MAST) at a depth of 50 cm below the soil surface, or at the upper boundary of a root-limiting layer as defined in Soil Taxonomy, whichever is

watertempa MAWT

The mean annual water temperature at or near the water/soil contact in a subaqueous soil setting.

nirrcapcl Nirr LCC

The broadest category in the land capability classification system for nonirrigated soils.

nirrcapscl Nirr Subcl

The second category in the land capability classification system for nonirrigated soils.

nirrcapunit Nirr LCU

The third category in the land capability classification system for nonirrigated soils.

irrcapcl Irr LCC

The broadest category in the land capability classification system for irrigated soils.

irrcapscl Irr Subcl

The second category in the land capability classification system for irrigated soils.

irrcapunit Irr LCU

The third category in the land capability classification system for irrigated soils.

cropprodindex Prod Index

An index of the capacity of a soil to produce a specific plant under a defined management system.

constreeshrubgrp Cons Tree Shrub Group

The identifier for a particular Conservation Tree Shrub Group (CTSG) which that is associated with a soil map unit component or vegetation inventory plot. A CTSG is a physiographic unit or area having similar climatic and edaphic characteristics that control the selection and height of growth of trees and shrubs (National Forestry Manual).

wndbrksuitgrp Windbreak Suitability (Obsolete)

A grouping for selecting plant species best suited for different kinds of soils and for predicting height growth and effectiveness. (National Forestry Manual)

NASIS 7.3.3 Table Column Descriptions

rsprod	Range Prod
The estimated annual potential production of range forage per year.	
forsgrptype	Forage Suitability Group Type
A designation assigned to a group based culturally managed plants and the group's capability to support the same adapted forage plants, requiring similar treatment and management, and having similar potential productivity.	
forsgrpmra	Forage Suitability Group MLRA
The unique identifier composed of a combination of numbers and letters that identifies a particular Major Land Resource Area (MLRA).	
forsgrplru	Forage Suitability Group LRU
A single letter identifying state-defined subdivisions of major land resource areas (MLRA) based on significant statewide differences in climate, water resources, land use, potential natural vegetation, or other natural resource conditions. The letter "Y" indicates no land resource units have been assigned.	
forsgrpnumber	Forage Suitability Group Number
A three digit identification number assigned to a particular ecological site by the state with responsibility for that site.	
forsgrpstate	Forage Suitability Group State
The two character postal code for states and territories of the United States.	
lplantiidref	Ord Species (Obsolete)
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.	
ordsymcl	Ord Class (Obsolete)
The first category in the woodland suitability group. The number denotes potential productivity in cubic meters of wood fiber per hectare per year for an indicator tree species (1 m ³ /ha=14.3 ft ³ /ac.) (NFM)	
ordsymscl	Ord Subcl (Obsolete)
The second category in the woodland suitability group. It indicates certain soil or physiographic characteristics that contribute to important hazards or limitations in management. Examples are wetness and clayey soils.	
ordsymgrp	Ord Group (Obsolete)
The third category in the woodland suitability group, represented by an Arabic number, may be used to complete the woodland suitability group. It is used to designate kinds of soils that are capable of producing similar kinds of trees and understory vegetation, that need similar management to produce these crops when the existing vegetation is similar, and that have about the same potential productivity.	
wderosionrtg	Erosion Hazard
Woodland limitation rating identifying the probability that damage may occur as a result of site preparation and following cutting operations where soil is exposed.	
wdequiprtg	Equipment Limitations
Woodland limitation rating for the use of equipment, year round or seasonal.	
wdseedmortlty	Seedling Mortality

NASIS 7.3.3 Table Column Descriptions

Woodland limitation rating identifying the probability of death of naturally occurring or planted tree seedlings as influenced by kinds of soil or topographic conditions.

wdplantcompetn	Plant Competition
Woodland limitation rating for the likelihood of the invasion or growth of undesirable species when openings are made in the canopy.	
wdwindthrowzhd	Windthrow Hazard
Woodland limitation rating identifying the windthrow hazard. Windthrow is the likelihood of trees being uprooted by wind as a result of insufficient depth of the soil to give adequate root anchorage.	
wlgrain	Grain Habitat
Suitability of the soil to produce the wildlife element grain.	
wlgrass	Grass Habitat
Suitability of the soil to produce the wildlife element grass.	
wlherbaceous	Herbaceous Habitat
Suitability of the soil to produce the wildlife element herbaceous plants.	
wlshrub	Shrub Habitat
Suitability of the soil to produce the wildlife element shrub.	
wlconiferous	Conifer Habitat
Suitability of the soil to produce the wildlife element coniferous trees.	
wlhardwood	Hardwood Habitat
Suitability of the soil to produce the wildlife element hardwood trees.	
wlwetplant	Wetland Habitat
Suitability of the soil to produce the wildlife habitat element wetland plant.	
wlshallowwat	Water Habitat
Suitability of the soil to support the wildlife habitat element shallow water.	
wlrangeland	Rangeland Wildlife
Suitability of the soil to support the habitat requirements for rangeland wildlife.	
wlopenland	Openland Wildlife
Suitability of the soil to support the habitat requirements for openland wildlife.	
wlwoodland	Woodland Wildlife
Suitability of the soil to produce the habitat elements for woodland wildlife.	
wlwetland	Wetland Wildlife
Suitability of the soil to support the habitat elements for wetland wildlife.	
soilslippot	Soil Slip Pot

NASIS 7.3.3 Table Column Descriptions

The possibility that a mass of soil will slip when these conditions are met: 1) vegetation is removed, 2) soil water is at or near saturation, and 3) other normal practices are applied. Increasing the hazard of slippage but not considered in this rating are: 1) the undercutting lower portions or loading the upper parts of a slope or 2) altering the drainage or offsite water contribution to the site such as through irrigation.

frostact	Frost Action
An interpretation rating of the susceptibility of the soil to frost heaving.	
initsub	Init Subsid
The decrease of surface elevation that occurs within the first 3 years of drainage of wet soils having organic layers or semifluid mineral layers. (NSSH)	
totalsub	Total Subsid
The potential decrease of surface elevation as a result of the drainage of wet soils having organic layers or semifluid mineral layers. (NSSH)	
hydgrp	Hydrologic Group
A group of soils having similar runoff potential under similar storm and cover conditions. Examples are A and A/D. (NSSH)	
corcon	Corrosion Concrete
Susceptibility of concrete to corrosion when in contact with the soil.	
corsteel	Corrosion Steel
Susceptibility of uncoated steel to corrosion when in contact with the soil.	
taxclname	Taxonomic Class
A concatenation of the Soil Taxonomy subgroup and family for a soil (long name).	
taxorder	Order
The highest level in Soil Taxonomy.	
taxsuborder	Suborder
The second level of Soil Taxonomy. The suborder is below the order and above the great group.	
taxgrtgroup	Great Group
The third level of Soil Taxonomy. The category is below the suborder and above the subgroup.	
taxsubgrp	Subgroup
The fourth level of Soil Taxonomy. The subgroup is below great group and above family.	
taxpartsize	Particle Size
Particle-size classes are used as family differentiae. Particle-size refers to grain-size distribution of the whole soil and is not the same as texture. (Soil Taxonomy).	
taxpartsizemod	Particle Size Mod
Taxonomic family criteria that is used to indicate the presence of more than two strongly contrasting classes in the particle size control section. (Soil Taxonomy)	
taxceactcl	CEC Activity Cl
Cation exchange activity classes are used as family criteria differentiae. It is the relative cation exchange (CEC) activity level of the soil based on the CEC to clay ratio. (Soil Taxonomy)	

NASIS 7.3.3 Table Column Descriptions

taxreaction	Reaction	Indicates the presence or absence of carbonates and the reaction. They are treated together because of their intimate relationship, and are used to indicate family differentiae. (Soil Taxonomy)
taxtempcl	Temp Class	The taxonomic family temperature class used to construct the official classification name. It may be null when the taxonomic family temperature class is embedded in the classification name. The actual taxonomic temperature regime is recorded in another place.
taxfamhahatmatcl	HAHT Material Class	Human-altered and human-transported material classes are used as family differentiae. They are intended to provide useful information on the behavior and interpretations for use of soils formed in human-altered or human-transported material (Keys to Soil Taxonomy).
taxmoistscl	Moist Subclass	Soil moisture subclasses identify soil moisture regime intergrades or extragrades, except for "typic", and are taxonomic subgroup criteria whether included or not in the name of the subgroup. The definition of each subclass is dependent upon the specific taxonomic great group to which it is attached.
taxtempregime	Temp Regime	Soil temperature regime as defined in Soil Taxonomy.
soiltaxedition	Keys to Taxonomy Edition Used	The edition of Keys to Soil Taxonomy used to classify the soil.
castorieindex	CA Storie Index	The California Storie Index expresses numerically the relative degree of suitability of a soil for general intensive agricultural uses at the time of evaluation. The rating is based on soil characteristics only and is obtained by evaluating such factors as soil depth, texture of the surface soil, subsoil characteristics, and surface relief. Storie, R. Earl and Walter W. Weir. 1948. Manual for identifying and classifying California soil series. With 1958 Supplement, revised 1978. Associated Students Store, University of California, Berkley, California.
ctwetland	CT Wetland	A yes/no entry designating whether or not the map unit component qualifies as a CT Inland Wetland Soil as defined by Connecticut statutes.
flecolcomnum	FL Ecol Comm #	Numbers correspond to the NRCS printed publication "26 Ecological Communities of Florida" 1995. This publication is based on the awareness that a soil type commonly supports a specific vegetative community, which in turn provides the habitat needed by specific wildlife species.
flsoilleachpot	FL Leach Pot	The potential of the soil to allow chemicals to leave the application site by leaching through the soil, as used in Florida state law. Soils with a rating of High or Medium are considered to pose a potential leaching hazard.
flsoirunoffpot	FL Runoff Pot	The potential of the soil to allow chemicals to leave the application site with runoff water and/or detached soil particles, as defined for use in Florida. Soils with a rating of High or Medium are considered to pose a potential runoff hazard.
fltemik2use	FL Temik	The following soil related use restrictions for Temik 10G (aldicarb) exits if the pesticide is to be applied to citrus in Florida. Temik cannot be used within 1000 feet of a drinking water well unless it is known that the well is cased to 100 feet below ground level or to a minimum of 30 feet below the water table in soils that have: 1. A permeability of twenty inches/hour or more (very rapid permeability) and 2. A water holding capacity of less than 0.06 inch/inch of soil (very low water holding capacity)—in all horizons to a depth of 80 inches or to

NASIS 7.3.3 Table Column Descriptions

bedrock if bedrock is within 80 inches of the surface. The choice indicates that if a component has soil properties, according to state labeling, favorable for the application of the pesticide Temik 10G, the entry is Yes. If the component does not have favorable properties the entry is No.

fltriumph2use	FL Triumph	Soil related use restrictions for Triumph 4E Insecticide are applicable in certain conditions in Florida. Please note the label for the conditions. The soil related conditions are as follows: 1. A permeability of six inches/hour or more (rapid or very rapid permeability) and 2. A water holding capacity of 0.10 inch/inch of soil or less (low or very low water holding capacity)—in all horizons to a depth of 80 inches or to bedrock if bedrock is within 80 inches of the surface. The choice indicates that if a component has soil properties, according to state labeling, favorable for the application of the pesticide Triumph 4E Insecticide (trademark), the entry is Yes. If the component does not have favorable properties the entry is No.
flhe	FL HE	A data element with a yes/no entry, assigned by soil component, used in Florida. It is used to identify highly erodible land.
flphe	FL PHE	A data element with a yes/no entry, assigned by soil component, used in Florida. The basis for identifying highly erodible land is the erodibility index of a soil survey map unit. The erodibility index of a soil is determined by dividing the potential erodibility for each soil survey map unit by the soil loss tolerance (T) value established for the soil. The potential erodibility for a map unit differs according to the erosion type (water or wind erosion). The T value represents the maximum annual rate of soil erosion that could take place without causing a decline in long-term productivity. A soil map unit with an erodibility index of 8 or more is a highly erodible soil map unit. For water erosion, a soil survey map unit is potentially highly erodible if: (1) the RKLS/T value using the minimum LS factor is less than 8 and (2) the RKLS/T value using the maximum LS factor is equal to or greater than 8. (Predicting Rainfall Erosion Losses; A Guide to Conservation Planning, Field Office Technical Guide, Nat. FSA Handbook Sec. 511.23, and Florida Erosion Control Handbook)
iasubsoilp	IA Subsoil P	The amount of plant available phosphorus, as determined by the Bray method, in the subsoil expressed in parts per million and based on the weighted average of air-dried samples from the subsoil (30-42 inch depth). The value listed for complexes is the most limiting value of the soils identified in the map unit name (i.e., Colo = M and Ely = L; Colo-Ely complex =
iasubsoilk	IA Subsoil K	The amount of plant available potassium, as determined by the ammonium acetate method, in the subsoil expressed in parts per million and based on the weighted average of air-dried samples from the subsoil (12-24 inch depth). The value listed for complexes is the most limiting value of the soils identified in the map unit name (i.e., Colo = VL+ and Ely = L; Colo-Ely complex = VL+).
indraingrp	IN Drainage Grp	A group of soils that share similar recommendations for drainage whether the drainage is subsurface or surface. (Agronomy Guide, ID-160 - Purdue University)
innitrateleachi	IN NO3 Leach Index	A number which reflects annual precipitation, rainfall distribution, and hydrologic group. The system allows comparison of the amount of nitrate which could be leached in percolating water. The numbers were obtained from the Midwest National Technical Center and are used in Indiana.
misoimgtgrp	MI Soil Mgmt Grp	A system for ranking soils for major uses, developed by Michigan State University. Soils are assigned to a group according to the dominant profile texture, the natural drainage class, and the management groups are listed in the same order as the series named in the complex. (Mokma, D.L., E.P. Whiteside, and J.F. Schneider. 1978. Soil Management Units in Land Use Planning. Mich. State Univ., Ext. Bull. E-1262, 12 pp.
usfscomconcept	USFS Component Concept	A narrative description of what the corresponding component represents, from a conceptual point of view.
vasoimgtgrp	VA Soil Mgmt Grp	A system for ranking soils in Virginia for productivity estimates. Developed by VPI&SU. See Virginia Agronomic Land Use Evaluation System (VALUES) 1993.

NASIS 7.3.3 Table Column Descriptions

s5id	SIR # - obsolete
The identification assigned to a particular Soil Interpretation Record (SIR). Ex: CO0034.	
miscellaneousarea	Miscellaneous Area
This attribute was added as a non-visible column in table "component" so that its corresponding domain, "miscellaneous_areas" would be downloaded to a NASIS client database.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
coiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: coothvegclass
 Table Label: Component Other Vegetative Classification

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
ovegcliidref	Other Veg Class	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
coovegcliid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: copedon
Table Label: Component Pedon

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
peiidref	Pedon	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
copedoniid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: copm
 Table Label: Component Parent Material

Column Physical Name	Column Label	Column Description
copmgrpiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
pmorder	Vertical Order	The sequence in which the parent material occurs, when more than one parent material exists for one soil profile. If only one parent material occurs for a soil, i.e. no lithologic discontinuities, no entry is required.
pmdept	Top Depth	The distance from the top of the soil to the upper boundary of the parent material layer being described.
pmdepb	Bottom Depth	The distance from the top of the soil to the base of the parent material layer being described.
pmmodifier	Textural Modifier	General description of the texture of the parent material. Class limits correspond to those of textural groupings defined in the Soil Survey Manual and family particle-size classes in Soil Taxonomy.
pmgenmod	General Modifier	A user specified term(s) used to further describe the nature of the parent material for a given soil.
pmkind	Kind	A term describing the general physical, chemical and mineralogical composition of the material, mineral or organic, from which the soil develops. Mode of deposition and/or weathering may be implied or implicit.
pmorigin	Origin	The type of bedrock from which the parent material was derived.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
copmiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: copmgrp
Table Label: Component Parent Material Group

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
pmgroupname	Parent Material Group Name	Name for the concatenation of PARENT_MATERIAL_MODIFIER, PARENT_MATERIAL_KIND, and PARENT_MATERIAL_ORIGIN for each of the parent materials that may occur in a vertical cross section of a soil.
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
copmgrpiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: copwindbreak
 Table Label: Component Potential Windbreak

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
wndbrkht	Height	Windbreak tree height at age 20 years.
lplantiidref	Local Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
copwindbreakiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: corestrictions
 Table Label: Component Restrictions

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
resdept	Top Depth	The distance from the soil surface to the upper boundary of the restrictive layer.
resdepb	Bottom Depth	The distance from the soil surface to the lower boundary of the restrictive layer.
resthk	Thickness	The distance from the top to bottom of a restrictive layer.
reskind	Kind	Type of nearly continuous layer that has one or more physical, chemical, or thermal property(ies) that significantly reduce the movement of water and air through the soil or that otherwise provides an unfavorable root environment.
reshard	Hardness	The rupture resistance of air dried and then submerged block-like specimens of mineral material.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
corestrictiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: correlation
Table Label: Correlation

Column Physical Name	Column Label	Column Description
muiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
dmuiidref	Data Mapunit	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
repdmu	Rep DMU	Indicates whether or not a particular data mapunit is representative for a particular mapunit. Only one data mapunit may be representative for a mapunit.
muconacres	Constituent Acres	The portion of acres of a map unit linked to a data map unit that is a part or the whole of a correlated map unit.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
corriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cosoilmoist
Table Label: Component Soil Moisture

Column Physical Name	Column Label	Column Description
comonthiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
soimoistdept	Top Depth	The distance from the top of the soil to the upper boundary of the moisture layer.
soimoistdepb	Bottom Depth	The distance from the top of the soil to the lower boundary of the moisture layer.
soimoiststat	Moisture Status	The mean monthly soil water state at a specified depth.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cosoilmoistiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cosoiltemp
 Table Label: Component Soil Temperature

Column Physical Name	Column Label	Column Description
comonthiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
soiltempdept	Top Depth	The distance from the top of the soil to the upper boundary of the soil temperature layer.
soiltempdepb	Bottom Depth	The distance from the top of the soil to the lower boundary of the soil temperature layer.
soiltempmm	Monthly Temp	The long-term monthly average of the mean daily soil temperature at a specified depth for the month in question. Long-term is generally considered to be a 30-year average.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cosoiltempiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cosurffrags
Table Label: Component Surface Fragments

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
sfragcov	Cover %	Percent of the ground covered by fragments 2 mm or larger (20 mm or larger for wood fragments).
distrocks	Spacing	Average distance between surface stones and/or boulders, measured between edges.
sfragsize	Size	Size based on the multiaxial dimensions of the surface fragment.
sfragkind	Kind	The lithology/composition of the surface fragments 2 mm or larger (20 mm or larger for wood fragments).
sfragshp	Shape	A description of the overall shape of the surface fragment.
sfraground	Roundness	An expression of the sharpness of edges and corners of surface fragments.
sfraghard	Hardness	The hardness of the fragment.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cosurffragsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cosurfmorphgc
 Table Label: Component Three Dimensional Surface Morphometry

Column Physical Name	Column Label	Column Description
cogeomdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
geomposmntn	Geomorphic Component - Mountains	A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of mountains.
geomposhill	Geomorphic Component - Hills	A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of hills.
geompostrce	Geomorphic Component - Terraces	A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of terraces.
geomposflats	Geomorphic Component - Flats	Description of the geomorphic component for flats.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cosurfmorgciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cosurfmorphhpp
 Table Label: Component Two Dimensional Surface Morphometry

Column Physical Name	Column Label	Column Description
cogeomdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
hillslopeprof	Hillslope Profile	Two dimensional slope segments of a hillslope that have similar geometric, erosional, or depositional characteristics.
rvindicator	Representative?	A yes/no field that indicates if a value or row (set of values) is representative for the component.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cosurfmorphpii	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cosurfmorphmr
 Table Label: Component Microrelief Surface Morphometry

Column Physical Name	Column Label	Column Description
cogeomdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
geomicrorelief	Microrelief Kind	The kind of slight variations in the height of a land surface that are too small or intricate to delineate on a topographic or soils map at commonly used scales (1:24000, and 1:10000).
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cosurfmormriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cosurfmorphss
 Table Label: Component Slope Shape Surface Morphometry

Column Physical Name	Column Label	Column Description
cogeomdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
shapeacross	Slope Shape Across	The geometric, two dimensional profile (shape) of the slope parallel to elevation contours.
shapedown	Slope Shape Up/Down	The geometric, two dimensional profile (shape) of the slope perpendicular to elevation contours.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cosurfmorssiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cotaxfmmin
 Table Label: Component Taxonomic Family Mineralogy

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
minorder	Vertical Order	The vertical sequence in which the different mineralogies occurs, when more than one exists for one soil profile. If only one occurs for a soil, i.e. no lithologic discontinuities, no entry is needed.
taxminalogy	Mineralogy	Mineralogy classes are used as family differentiae. They are based on the approximate mineralogical composition of selected size fractions of the same segment of the soil (control section) that is used for application of particle-size classes. (Soil Taxonomy)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cotaxfmminiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cotaxmoistcl
 Table Label: Component Taxonomic Moisture Class

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
taxmoistcl	Moisture Class	Soil moisture classes are unique to the family classification, though not included specifically in the name, this is a mechanism to provide clear identification of the actual moisture regime.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cotaxmciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cotext
Table Label: Component Text

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
comtextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cotextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cotreestomng
 Table Label: Component Trees To Manage

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
lplantiidref	Local Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cotreestopiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cotxfmother
 Table Label: Component Taxonomic Family Other Criteria

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
taxfamother	Family Other	Soil characteristics other than the defined family characteristics of particle-size classes, mineralogy classes, cation-exchange activity classes, calcareous and reaction classes, and soil temperature classes.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cotaxfoiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: coufsecoclass
 Table Label: Component USFS Ecological Classification

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
usfseciidref	USFS Ecological Classification	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
coufsecoclsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cousfsgrndcvr
 Table Label: Component USFS Ground Cover

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
usfsgrndcovpct	USFS Ground Cover Percent	The percent of the earth's surface covered by the corresponding type of ground cover.
usfsgrndcovtyp	USFS Ground Cover Type	A type of ground cover as defined by the U.S. Forest Service.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cousfsgrndcvriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cousfsinterp
Table Label: Component USFS Interpretation

Column Physical Name	Column Label	Column Description
coiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
usfsinterpiidref	USFS Interpretation	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
usfsirclassiidref	USFS Interpretation Rating Class	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
usfsirnumval	USFS Interpretation Rating Numeric Value	USFS interpretation rating numeric value. A numeric rating value that is sometimes used in lieu of a rating class.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cousfsinterpiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: cousfsirestrict
 Table Label: Component USFS Interpretation Restriction

Column Physical Name	Column Label	Column Description
cousfsinterpiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
usfsirstrectiidref	USFS Interpretation Restriction	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
cousfsirestrictiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: croptreedetails
Table Label: Crop Tree Details

Column Physical Name	Column Label	Column Description
croptreesummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
treenumber	Tree ID #	The number assigned to a particular measured tree.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
treediameterbreastheight	Tree DBH	The diameter of measured tree at breast height, typically 4.5 feet above ground level.
croptreeprimarycat	Primary Category	The primary resource function that a particular tree is serving.
croptreesecondarycat	Secondary Category	The secondary resource function that a particular tree is serving.
cuttreeindicator	Cut Tree ?	An indicator that a particular tree is designated to be removed from a stand.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
croptreedetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: croptreesubplotdetails
 Table Label: Crop Tree Subplot Details

Column Physical Name	Column Label	Column Description
croptreesummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
subplotnumber	Subplot #	The number assigned to a particular subplot within a vegetation inventory plot from which measurements were recorded.
leavetreebasalarea	Leave Tree Basal Area	The basal area of trees within the plot designated to be left after thinning.
cuttreebasalarea	Cut Tree Basal Area	The basal area of trees within the plot designated to be removed from the stand.
basalareasubplottotal	Total Basal Area	Total basal area for the subplot.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
croptreesubplotdetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: croptreesummary
Table Label: Crop Tree Summary

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
treecounttotal	Total # of Trees	The number of individual trees of all plant species counted within the plot.
currenttreedensity	Current Tree Density	The number of trees per acre found on the plot at the time of inventory.
currentbasalarea	Total Basal Area	Total basal area of the plot at the time of inventory.
currentplotavedbh	Average DBH	The average diameter at breast height (DBH) of trees within the plot at the time of inventory, expressed in inches.
cuttreebasalareaave	Cut Tree Basal Area Ave.	The average basal area of trees within the plot designated to be removed from the stand.
leavetreebasalareaave	Leave Tree Basal Area Ave.	The average basal area of trees within the plot designated to be left after thinning.
cuttreecount	# of Cut Trees	The number of trees designated to be removed from the plot.
cuttreedensity	Cut Tree Density	The number of trees per acre found on the plot designated to be removed from the stand.
cuttreeavedbh	Cut Tree Ave. DBH	The average diameter at breast height (DBH) of trees within the plot designated to be removed from the stand, expressed in inches.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.

NASIS 7.3.3 Table Column Descriptions

croptreesummaryiid

Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: croptreetotals
Table Label: Crop Tree Totals

Column Physical Name	Column Label	Column Description
croptreesummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
croptreeprimarycat	Crop Tree Category	The primary resource function that a particular tree is serving.
categorytreecount	# of Trees	The number of trees within the plot that have a particular primary crop tree category designated.
categorytreedensity	Tree Density	The number of trees per acre found on the plot at the time of inventory of a particular crop tree category.
categorydbhave	Ave. DBH	The average diameter at breast height (DBH) of trees within the plot of a particular crop tree category at the time of inventory, expressed in inches.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
croptreetotalsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: customchoicedomain
 Table Label: Custom Choice Domain

Column Physical Name	Column Label	Column Description
customchoicelistsetiidref	Custom Choice List Set	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
domainid	Domain ID	An integer value that uniquely identifies a domain in a data model, not just within a database.
unselecteddomainchoices	Unselected Domain Choices	A comma delimited list of unselected values of MetadataDomainDetail.ChoiceValue for the domain identified by customchoicedomain.domainid.
customchoicedomainiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: customchoicelistset
Table Label: Custom Choice List Set

Column Physical Name	Column Label	Column Description
customchoicelistsetname	Custom Choice List Set Name	The name of a custom choice list set. See the description of the corresponding table for the definition of a custom choice list set.
customchoicelistsetdesc	Custom Choice List Set Description	A description of a custom choice list set. See the description of the corresponding table for the definition of a custom choice list set.
cclsdbiidref	Custom Choice List Set NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
customchoicelistsetiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: customchoicelookup
 Table Label: Custom Choice Lookup

Column Physical Name	Column Label	Column Description
customchoicelistsetiidref	Custom Choice List Set	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
tableid	Table ID	An integer value that uniquely identifies a table in the NASIS-style metadata.
unselectedlookupchoices	Unselected Lookup Choices	A comma delimited list of unselected primary key values of records from the table identified by customchoicelookup.tableid.
customchoicelookupiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: datamapunit
Table Label: Data Mapunit

Column Physical Name	Column Label	Column Description
dmudesc	DMU Description	A short text field used to describe a data mapunit.
muhelcl	HEL (obsolete)	The overall Highly Erodible Lands (HEL) classification for the mapunit based on the rating of its components for wind and water HEL classification.
muwathelcl	HEL Water (obsolete)	The Highly Erodible Lands (HEL) classification for the mapunit based on the rating of its components for water HEL classification.
muwndhelcl	HEL Wind (obsolete)	The Highly Erodible Lands (HEL) classification for the mapunit based on the rating of its components for wind HEL classification.
dmuinterpfocus	Interpretive Focus	The targeted landuse for which the Data Map Unit (DMU) was developed. The properties of included mapunit components are tailored towards this landuse.
dmuinvesintens	Order of Mapping	The order of survey for which the Data Map Unit was developed.
cropprodindex	Prod Index	An index of the capacity of a soil to produce a specific plant under a defined management system.
ctsepticpot	CT Septic Potential	The soil potential rating of septic tank absorption fields for single family residences as identified by the Connecticut State Health Code Regulations.
iacornsr	IA CSR	Corn Suitability Rating (CSR) is an index procedure developed in Iowa to rate each different kind of soil for its row-crop productivity.
nhiforsoigrp	NH Forest Soil Grp	Interpretative class for the map unit, based on NH developed interpretations.
nhspiagr	NH SPI Agr	New Hampshire Soil Potential Index for Agriculture, 1992 revision. Used for computation of weighted average SPI on a parcel of land for adjustment of current use land assessment.
njfmlassessment	NJ Farmland Assessment	An assessment of the soils potential for cultivation based on the New Jersey Farmland Assessment Act of 1964. This Act permits farmland and woodland actively devoted to an agricultural or horticultural use to be assessed at its productivity value. The Act does not apply to buildings of any kind, nor to the land associated with the farmhouse. Buildings and homesites on farms are assessed like all other non-farm property. When and if the land qualified under the Act changes to a non-agricultural or non-horticultural use, it is subject to a
vtsepticsysl	VT Septic System	The interpretive separations, or class, based on the ability of the map unit to support an onsite septic system. (Ancillary Soil Interpretation Ratings For On-site Sewerage Disposal in Vermont)

NASIS 7.3.3 Table Column Descriptions

dmudbiidref	DMU NASIS Site
The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.	
grpiidref	NASIS Group
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.	
objwupdated	Object Last Updated
The date and time the corresponding object was last updated.	
objuseriidref	Object Last Updated By
The key of the NASIS user who last updated the corresponding object.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
dmuiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: daubenmirecancovclasssumm
 Table Label: Daubenmire Canopy Cover Class Summary

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
daubcancovclass	Canopy Cover Class	The estimated canopy cover class of a species using Daubenmire protocol.
cancovclassmidpoint	Class Midpoint %	The midpoint percent value of the identified canopy cover class range.
cancovclasscount	# of Quadrat Hits	The number of quadrats where a particular species falls into the identified canopy cover class using Daubenmire protocol.
cancovproduct	Canopy Cover Product	The product of "canopy cover class midpoint %" x "cover class count" for a particular species and canopy cover class.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
daubcancovclsummiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: daubenmirecancovquaddetail
 Table Label: Daubenmire Canopy Cover Quad Details

Column Physical Name	Column Label	Column Description
daubcancovclsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
daubcancovquaddetailiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: densityquadratdetails
Table Label: Density Quadrat Details

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
maturecount	# of Mature Plants	The number of mature individuals for a given plant species within the quadrat.
maturedensityclass	Mature Density Class	A class indicating the density of mature plants of a species per unit area.
seedlingcount	# of Seedling Plants	The number of seedlings for a given plant species within the quadrat.
seedlingdensityclass	Seedling Density Class	A class indicating the density of seedling plants of a species per unit area.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
densityquaddetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: distcompmd
Table Label: Distribution Component Metadata

Column Physical Name	Column Label	Column Description
distmumdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
dmuiidref	Data Mapunit Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
coiidref	Component Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
compname	Component Name	Name assigned to a component based on its range of properties.
localphase	Local Phase	Phase criterion to be used to help uniquely identify soil components or pedons. These are terms such as "drained", "eroded", etc.
comppct	Comp %	The percentage of the component of the mapunit.
compkind	Taxon Kind	Identifies the kind of component of the mapunit. Examples are series and miscellaneous areas.
otherph	SIR phase - obsolete	Phase criterion other than slope, texture, and flooding used to identify soil components.
majcompflag	Major Component	Indicates whether or not a component is a major component in the mapunit.
distcompmdiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: distinterpmd
Table Label: Distribution Interp Metadata

Column Physical Name	Column Label	Column Description
distmdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
ruleiidref	Rule Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
rulename	Rule Name	A user assigned name (typically connotative) for a rule.
ruledesc	Description	A narrative text definition of a rule.
dataafuse	Ready to use?	Indicates whether or not an object is approved for use.
mrecentrulecwl	Most Recent Rule Component When Last Updated	The date of the most recently updated component of an interpretation. This date is not necessarily the when last updated date of the interpretation itself. An interpretation may have a subrule, evaluation or property that was updated more recently than the master interpretation (rule) itself. The time of update of an interpretation component (subrule, evaluation, property) in NASIS is not explicitly reflected in other components that may reference the updated component.
distinterpmdiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: distlegendmd
Table Label: Distribution Legend Metadata

Column Physical Name	Column Label	Column Description
distmdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
liidref	Legend Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
areatypename	Area Type Name	The name of a particular type of area. Area type names include "state", "county", "mlra", etc.
areasymbol	Area Symbol	A symbol that uniquely identifies a single occurrence of a particular type of area (e.g. Lancaster Co., Nebraska is NE109).
areaname	Area Name	The name given to the specified geographic area.
legenddesc	Legend Description	A short text field used to describe a particular soil survey area legend.
ssastatus	Survey Status	Identifies the operational activity of a soil survey area and currency of published soil information. Examples are Non-Project, Update and Published.
cordate	Correlation Date	The date the final correlation document for a soil survey is signed, expressed as month, year (e.g. 07/1999).
legendcertstat	Legend Certification Status	The level of certification assigned to a legend. Intended to indicate whether or not the legend should be used and the degree of confidence with which it may be used.
legendsuituse	Geographic Applicability	Identifies the relative geographic extent over which a legend has the most up-to-date soil survey data.
exportcertstatus	Export Certification Status	The level of certification assigned to a tabular data package for a particular soil survey area.
exportcertdate	Export Certification Date	The date on which the associated export certification status was assigned.
exportmetadata	Export Metadata	

NASIS 7.3.3 Table Column Descriptions

Narrative text notes (metadata) associated with the assignment of the tabular data certification status for a particular soil survey area.

legendwupdated	Legend Last Updated
The last date in which any data element of a particular legend was modified. Note that this date applies only to those tables that are part of the legend object. This date does not reflect the update date of the most recently updated data mapunit associated with that legend.	
mostrecentdmwlu	Most Recent Data Mapunit When Last Updated
The date of the most recently updated data mapunit in a set of exported data.	
legendtotalmus	Legend Total Mapunits
The total number of map units that exist for a legend at the time an export was generated.	
totalexportmus	Total Exported Mapunits
The total number of map units included in an export.	
legendtotalamus	Legend Total Additional Mapunits
The total number of map units with status of "additional" that exist for a legend at the time an export was generated.	
totalexportamus	Total Exported Additional Mapunits
The total number of map units with status of "additional" included in an export.	
totalexportdmus	Total Exported Data Mapunits
The total number of data mapunits included in an export.	
distlegendmdiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: distmapunitmd
 Table Label: Distribution Mapunit Metadata

Column Physical Name	Column Label	Column Description
distlegendmdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the __iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
liidref	Legend Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the __iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
muiidref	Mapunit Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the __iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
musym	Mapunit Symbol	The symbol used to uniquely identify the soil mapunit in the soil survey.
mustatus	Status	Identifies the current status of the map unit.
muname	Mapunit Name	Correlated name of the mapunit (recommended name or field name for surveys in progress).
corrtomuiidref	Correlated To Mapunit Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the __iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
corrtomusym	Correlated To Mapunit Symbol	The symbol used to uniquely identify the soil mapunit in the soil survey.
corrtomustatus	Correlated To Status	Identifies the current status of the map unit.
corrtomuname	Correlated To Mapunit Name	Correlated name of the mapunit (recommended name or field name for surveys in progress).
dmuiidref	Data Mapunit Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the __iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is

NASIS 7.3.3 Table Column Descriptions

managed by NASIS and cannot be edited.

dmudesc **DMU Description**
A short text field used to describe a data mapunit.

dmucertstat **DMU Certification Status**
The level of certification assigned to a data mapunit. Indicates whether or not the data mapunit should be used and the degree of confidence with which it may be used. This certification relates to the whole data mapunit object, including all of its components, horizons, etc.

dmuwupdated **Data Mapunit Last Updated**
The last date in which any data element of a particular NASIS object (area, data mapunit, etc.) was modified.

norepdmreason **No Representative Data Mapunit Reason**
A short narrative description of the reason that it was not possible to determine which data mapunit's data should be associated with a particular map unit.

distmumdiid **Rec ID**
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: distmd
Table Label: Distribution Metadata

Column Physical Name	Column Label	Column Description
distreqdate	Distribution Request Date	The date and time when a NASIS user submitted a request to export a selected set of data. Export requests are not immediately processed at the time they are generated.
username	NASIS User Name	The full name of a NASIS user in a particular NASIS database occurrence.
useremailaddr	E-mail Address	Email address of a NASIS User.
exporttarget	Export Target	The target of a NASIS export, e.g. "SSURGO", "Staging Server".
distgendate	Distribution Generation Date	The date and time that a request to export data, which was submitted by a NASIS user, was actually processed.
diststatus	Distribution Status	The current status of a NASIS export request. This status may reflect either a pending request status or a processed request status.
interpmaxreasons	Interpretation Maximum Reasons	The maximum number of reasons reported for the corresponding soil interpretation.
muselectcrit	Mapunit Selection Criteria	The general scheme used for selecting map units for inclusion in a set of exported data.
mustatprovsnlbool	Mapunit Status Provisional Boolean	Indicates whether or not mapunits with status "provisional" should be included in a set of exported data.
mustatapprvdbool	Mapunit Status Approved Boolean	Indicates whether or not mapunits with status "approved" should be included in a set of exported data.
mustatcorrbool	Mapunit Status Correlated Boolean	Indicates whether or not mapunits with status "correlated" should be included in a set of exported data.
mustataddtnlbool	Mapunit Status Additional Boolean	Indicates whether or not mapunits with status "additional" should be included in a set of exported data.
addtnlmudmuselectcrit	Additional Mapunit Data Mapunit Selection Criteria	The rule for determining which data mapunit's data should be associated with an additional symbol selected for inclusion in a set of exported data. One of two possible values: Use the data mapunit that was originally representative for that additional symbol. Use the data mapunit that is representative for the symbol into which that additional symbol was correlated.
compselectcrit	Component Selection Criteria	

NASIS 7.3.3 Table Column Descriptions

The general scheme used for selecting map unit components for inclusion in a set of exported data.

minpctcomp	Minimum Percent Composition
The minimum percent composition for components included in a set of exported data. In selecting components, this value is compared to the representative percent composition of a	
dmuselectcrit	Data Mapunit Selection Criteria
The general scheme used for selecting data mapunits for inclusion in a set of exported data.	
dmudcsnfdbool	DMU Cert Stat - Not For Distribution Boolean
Indicates whether or not data mapunits with data certification status "not for distribution" should be included in a set of exported data.	
dmudcsncbool	DMU Cert Stat - Not Certified Boolean
Indicates whether or not data mapunits with data certification status "not certified" should be included in a set of exported data.	
dmudcspcbool	DMU Cert Stat - Partly Certified Boolean
Indicates whether or not data mapunits with data certification status "partly certified" should be included in a set of exported data.	
dmudcspcmdbool	DMU Cert Stat - Partly Certified Min Data Boolean
Indicates whether or not data mapunits with data certification status "partly certified - minimal data" should be included in a set of exported data.	
dmudcspcmbool	DMU Cert Stat - Partly Certified Major Comps Boolean
Indicates whether or not data mapunits with data certification status "partly certified - major components" should be included in a set of exported data.	
dmudcspcacbool	DMU Cert Stat - Partly Certified All Comps Boolean
Indicates whether or not data mapunits with data certification status "partly certified - all components" should be included in a set of exported data.	
dmudcsbool	DMU Cert Stat - Certified Boolean
Indicates whether or not data mapunits with data certification status "certified" should be included in a set of exported data.	
dmudcscmdbool	DMU Cert Stat - Certified Min Data Boolean
Indicates whether or not data mapunits with data certification status "certified - minimal data" should be included in a set of exported data.	
dmudcscmbool	DMU Cert Stat - Certified Major Comps Boolean
Indicates whether or not data mapunits with data certification status "certified - major components" should be included in a set of exported data.	
dmudcscacbool	DMU Cert Stat - Certified All Comps Boolean
Indicates whether or not data mapunits with data certification status "certified - all components" should be included in a set of exported data.	
distdbiidref	Distribution NASIS Site
The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.	
grpiidref	NASIS Group
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

objwupdated Object Last Updated
The date and time the corresponding object was last updated.

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

distmdiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: disttextmd
Table Label: Distribution Text Metadata

Column Physical Name	Column Label	Column Description
distmdiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
tablab	Table Label	A descriptive business oriented name for a database table.
textkindstring	Text Kind String	The character string that represents a kind of text entry. In the generalized NASIS text entry classification scheme, a text entry is characterized by a "kind", "category" and
disttextmdiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: dmucerthistory
 Table Label: Data Mapunit Certification History

Column Physical Name	Column Label	Column Description
dmuiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
revieweruseridref	Reviewer	The key of the NASIS user who reviewed the corresponding action.
certificationdate	Certification Date	The date on which the associated certification status was assigned.
certificationkind	Certification Kind	The kind of review performed on the data when the corresponding certification status was assigned.
dmucertstat	DMU Certification Status	The level of certification assigned to a data mapunit. Indicates whether or not the data mapunit should be used and the degree of confidence with which it may be used. This certification relates to the whole data mapunit object, including all of its components, horizons, etc.
certificationtext	Certification Text	Notes that describe the appropriate uses or significant limitations of the data, and explanatory information pertaining to the review and certification of the data.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
dmucerthistoryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: dmucropyld
 Table Label: Data Mapunit Crop Yield

Column Physical Name	Column Label	Column Description
dmuiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
cropname	Crop Name	The common name for the crop.
ylunits	Units	Crop yield units per unit area for the specified crop.
nonirryield	Nirr Yield	The expected yield per acre of the specific crop without supplemental irrigation.
irryield	Irr Yield	The expected yield per acre of the specific crop with irrigation.
cropprodindex	Prod Index	An index of the capacity of a soil to produce a specific plant under a defined management system.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
dmucropyldiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: dmutext
Table Label: Data Mapunit Text

Column Physical Name	Column Label	Column Description
dmuiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
dmtextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
dmtextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: domaindetail
Table Label: Domain Detail

Column Physical Name	Column Label	Column Description
domiidref	Lineage	An integer number that uniquely identifies a domain in a particular database.
choseq	Sequence	No description available.
choid	ID	The physical data type of this attribute was changed from smallint to int, in order to accommodate ODD flag values greater than 32767. NASIS code values must still be less than or equal to 32767.
chodetxt	Data Entry Text	No description available.
cholabtxt	Label Text	No description available.
choaltetxt	Alternate Entry Text	The string representing a choice in an information system other than NASIS.
chodesc	Description	No description available.
choobbool	Obsolete?	No description available.
orgper	Originating Person	No description available.
conper	Contact Person	No description available.
pendact	Pending Action	No description available.
pendstat	Pending Status	No description available.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	

NASIS 7.3.3 Table Column Descriptions

The key of the NASIS user who last updated the corresponding record.

domdetiid

Rec ID

An integer number that uniquely identifies a domain member in a particular database.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: domaingroup
Table Label: Domain Group

Column Physical Name	Column Label	Column Description
domgrpname	Domain Group Name	A name that uniquely identifies a particular domain group.
domgrpdesc	Domain Group Description	A narrative text description of a domain group.
domgrpdbiidref	Domain Group NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
domgrpiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: domainhist
Table Label: Domain History

Column Physical Name	Column Label	Column Description
domiiref	Lineage	An integer number that uniquely identifies a domain in a particular database.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriiref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
domnoteiid	Rec ID	No description available.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: domainmaster
Table Label: Domain

Column Physical Name	Column Label	Column Description
domgrpiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
domnm	Domain Name	No description available.
domording	Ordering	No description available.
domordbool	Ordered?	No description available.
domdlabbool	Display Label?	No description available.
domcustbool	Customizable?	A yes/no flag indicating whether or not a particular domain is customizable by the NASIS user.
domdesc	Description	No description available.
domainid	Domain ID	An integer value that uniquely identifies a domain in a data model, not just within a database.
orgper	Originating Person	No description available.
conper	Contact Person	No description available.
pendact	Pending Action	No description available.
pendstat	Pending Status	No description available.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.

NASIS 7.3.3 Table Column Descriptions

recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
domiid	Rec ID
An integer number that uniquely identifies a domain in a particular database.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: domdethist
 Table Label: Domain Detail History

Column Physical Name	Column Label	Column Description
domdетиidref	Lineage	An integer number that uniquely identifies a domain member in a particular database.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
domdetnoteid	Rec ID	No description available.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: dwrquadratdetails
 Table Label: Dry Weight Rank Quadrat Details

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
dwrone	DWR 1 ?	The estimated portion of the total plant community that a particular plant species comprises, assign to Dry Weight Rank 1 (70%). When selected alone, DWR 1 corresponds to 70% composition. When selected with DWR 2, they correspond to 90% composition. When selected with DWR 3, they correspond to 80% composition. When selected with DWR 2 & 3,
dwrtwo	DWR 2 ?	The estimated portion of the total plant community that a particular plant species comprises, assign to Dry Weight Rank 2 (20%). When selected alone, DWR 2 corresponds to 20% composition. When selected with DWR 1, they correspond to 90% composition. When selected with DWR 3, they correspond to 30% composition. When selected with DWR 1 & 3,
dwrthree	DWR 3 ?	The estimated portion of the total plant community that a particular plant species comprises, assign to Dry Weight Rank 3 (10%). When selected alone, DWR 3 corresponds to 10% composition. When selected with DWR 1, they correspond to 80% composition. When selected with DWR 2, they correspond to 30% composition. When selected with DWR 1 & 2,
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
dwrquaddetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: ecologalsite
Table Label: Ecological Site

Column Physical Name	Column Label	Column Description
ecositeid	Ecological Site ID	The unique identifier for a particular ecological site. It is the concatenated form of the five ecological site ID key fields, ecological site type, ecological site MLRA, ecological site LRU, ecological site number and ecological site state FIPS alpha code.
ecositenm	Ecological Site Name	The name of an ecological site expressed as the concatenation of a number of underlying individual name components. Due to the size and number of name components, the concatenated name field may not be wide enough to contain the full ecological site name.
ecositeorigin	Ecological Site Origin	Identifies the origin and status of a record in the Ecological Site table.
ecositetype	Ecological Site Type	A single letter designation assigned to an ecological site based upon the historic climax plant community. "R" is assigned to sites where the overstory tree production was not significant in the climax vegetation. "F" is assigned where the historic vegetation was dominated by at least a 25% overstory canopy of trees, as determined by crown perimeter vertical
ecositemlra	Ecological Site MLRA	The four-character, unique identifier (symbol) composed of a combination of numbers and letters that identifies a particular Major Land Resource Area (MLRA). If the symbol does not contain a letter suffix, the letter "X" is added as a space holder. If the symbol is less than four characters in length, one or two zeroes are added at the beginning of the symbol to make it the correct length.
ecositelru	Ecological Site LRU	A single letter identifying state-defined subdivisions of major land resource areas (MLRA) based on significant statewide differences in climate, water resources, land use, potential natural vegetation, or other natural resource conditions. The default letter "Y" indicates no land resource units have been assigned.
ecositenumber	Ecological Site Number	A three digit identification number assigned to a particular ecological site by the state with responsibility for that site.
ecositestate	Ecological Site State	The two character postal (alpha FIPS) code for states and territories of the United States that has responsibility for the particular ecological site.
ecositepnm	Ecological Site Primary Name	A descriptive designation for an ecological site, ie. "loamy upland". This is a required entry for "rangeland" ecological sites.
ecositesnm	Ecological Site Secondary Name	An optional supplemental portion to the name given to an ecological site, typically associated with a soil phase, ie. "gravelly".
ecositetnm	Ecological Site Tertiary Name	An optional supplemental portion to the name given to an ecological site, typically associated with climate or precipitation zones, ie. "17-22 inch p.z."
ecositetree1	Ecological Site Tree 1	The scientific name of the representative climax overstory species of representative vegetation types that are correlated to an ecological site.

NASIS 7.3.3 Table Column Descriptions

ecositetree2	Ecological Site Tree 2
The scientific name of a second representative climax overstory species of representative vegetation types that are correlated to an ecological site.	
ecositeshrub1	Ecological Site Shrub 1
The scientific name of the representative climax shrub species of representative vegetation types that are correlated to an ecological site.	
ecositeshrub2	Ecological Site Shrub 2
The scientific name of a second representative climax shrub species of representative vegetation types that are correlated to an ecological site.	
ecositeherb1	Ecological Site Herb 1
The scientific name of the representative climax herbaceous species of representative vegetation types that are correlated to an ecological site.	
ecositeherb2	Ecological Site Herb 2
The scientific name of a second representative climax herbaceous species of representative vegetation types that are correlated to an ecological site.	
ecositenasisiid	Ecological Site Nasis_IID
An internal ID that is part of the ecologicalsite (esd) database, esd.esd.ecological_sites table. This uniquely identifies a record in the ecological_sites table. This value is managed by the ESD database and cannot be edited.	
obterm	Obsolete?
Indicates whether a term is obsolete.	
ecositedbiidref	Ecological Site NASIS Site
The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.	
grpIIDref	NASIS Group
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.	
objwIupdated	Object Last Updated
The date and time the corresponding object was last updated.	
objuseriidref	Object Last Updated By
The key of the NASIS user who last updated the corresponding object.	
recwIupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
ecositeiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be	

edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: editsetup
Table Label: Edit Setup

Column Physical Name	Column Label	Column Description
edtsuname	Table Layout Name	The user specified name of a particular edit setup.
edtsudesc	Description	The narrative description of a particular edit setup.
edtsudbiidref	Table Layout NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
edtsuiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: editsetupelement
Table Label: Edit Setup Element

Column Physical Name	Column Label	Column Description
edtsutabiidref	Edit Setup Table	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
elm_iid	Element Internal ID	Equivalent to ColumnID in the NASIS 6 Style Metadata. In this case it is the ID of a column that is displayed in the NASIS grid. This may correspond either to a column in the corresponding table or a lookup display column in a related table. When it corresponds to the ID a lookup display column in another table, natelm_iid records the ColumnID of the foreign key in the underlying table.
natelm_iid	Native Element Internal ID	Equivalent to ColumnID in the NASIS 6 Style Metadata. natelm_iid records the ColumnID of the underlying foreign key when elm_iid corresponds to a lookup display column. See the definition of elm_iid for further clarification.
bandposition	Band Position	The position of the corresponding column group (band), with the leftmost group having position 0. (An aside: tables that have visible child tables will have band 0 set aside for the drill-down button. It is always the leftmost band and is not recorded in the editsetupelement table.)
elmposition	Element Position	The position of the column within its group (band), with the leftmost column having position 0.
elmwidth	Element Width	A number specifying its corresponding column's display width in the NASIS editor, expressed in number of characters.
elmsortseq	Element Sort Sequence	A number indicating a column's sequence in a table's sort key, i.e. 1=primary, 2=secondary, etc.
elmsortdir	Element Sort Direction	An indicator of the sorting direction of a specific column. A value of "A" indicates that the corresponding column should be sorted in ascending order. A value of "D" indicates that the corresponding column should be sorted in descending order.
edtsuelmiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: editsetuptable
Table Label: Edit Setup Table

Column Physical Name	Column Label	Column Description
edtsuiidref	Edit Setup	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
tbl_iid	Table Internal ID	Equivalent to TableID in the NASIS 6 Style Metadata.
tabnumfrozcots	Number of Frozen Columns	The number of left most columns in a table that should not be scrolled as other columns are scrolled left and right.
tabnumsortcols	Number of Sort Columns	The number of columns in a table that participate in that table's sort key.
edtsutabiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: evaluation
Table Label: Evaluation

Column Physical Name	Column Label	Column Description
seqnum	Seq	Sequential number of the feature being described.
evalname	Evaluation Name	A user assigned name (typically connotative) for an evaluation.
evaldesc	Description	A narrative text definition of an evaluation.
eval	Evaluation	The specifications for determining a property's membership in a set.
evaluationtype	Evaluation Type	An evaluation's "type" classification.
usepropertydomain	Use Property Domain?	This affects how an evaluation is displayed in the user interface: When set, it modifies the displayed graph so the x-axis ranges from PropertyMinimum to PropertyMaximum for the associated Property.
invertevaluationresults	Invert Evaluation Results?	When set, the four fuzzy results normally returned by an evaluation (low low, low RV, high RV, high high) are set to 1 - result of evaluation function.
propiidref	Property	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
dataafuse	Ready to use?	Indicates whether or not an object is approved for use.
evaldbiidref	Evaluation NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.

NASIS 7.3.3 Table Column Descriptions

objuseridref Object Last Updated By
The key of the NASIS user who last updated the corresponding object.

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseridref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

evaliid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: evaluationtext
Table Label: Evaluation Text

Column Physical Name	Column Label	Column Description
evaliidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
textkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
evaltextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: form
Table Label: Form

Column Physical Name	Column Label	Column Description
seqnum	Seq	Sequential number of the feature being described.
formname	Form Name	A brief, connotative name for a form used to identify the form in this table and in the Select Manager. form names typically refer to the main focus of the form. For example, a form that selects horizons by their horizon designation might be named "horizon designation", or a form that selects individual soil survey area legends may be named "legends".
formdesc	Description	The form description is in this column, but is viewed and edited with a special text editor. Use the Zoom button, Shift-F2, or Zoom Edit from the Edit menu to open the text editor. The form description is a complete narrative description of the form. It is displayed in the Select Manager, along with the form name, to further describe the form for the user choosing this form. Typically, the form description includes a statement of what the form does and instructions on how to use the form. For example, a form that selects a legend for a soil survey area may have a description that reads: "Use to select a survey area legend based on soil survey area symbol and legend description. Set target table to 'legend' and use wildcards * and ? for the legend description."
form	Form	The form is in this column, but is viewed and edited with a special form editor. Use the Zoom button, Shift-F2, or Zoom Edit from the Edit menu to open the form editor. The form editor is a full featured editor which has its own help system that explains form conditions and how to use the editor. Open the form editor and use its help system for a complete explanation of queries.
dataafuse	Ready to use?	Indicates whether or not an object is approved for use.
formdbiidref	Form NASIS Site	The name of the NASIS Site that owns the form. NASIS automatically enters the NASIS Site name when a new form is created. This column is always protected and cannot be edited, but ownership of a form may be changed from the Options Menu.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	

NASIS 7.3.3 Table Column Descriptions

The key of the NASIS user who last updated the corresponding record.

formiid

Rec ID

NASIS automatically assigns the record ID when a new row is created and uses this number as part of an internal key to uniquely identify each record in the database. This column always has protected status and can never be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: formfavorites
Table Label: Form Favorites

Column Physical Name	Column Label	Column Description
useridref	NASIS User	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
formiidref	Form	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
formfavoriteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: formtext
Table Label: Form Text

Column Physical Name	Column Label	Column Description
formiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
textkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
formtextiid	Rec ID	NASIS automatically assigns the record ID when a new row is created and uses this number as part of an internal key to uniquely identify each record in the database. This column always has protected status and can never be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: frequencyquadratdetails
 Table Label: Frequency Quadrat Details

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
speciespresentindicator	Species Present ?	A yes/no indicator as to whether or not a particular plant species is present within a particular quadrat.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
freqquaddetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: geomorfeat
Table Label: Geomorphic Feature

Column Physical Name	Column Label	Column Description
geomftiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
geomfname	Feature Name (singular)	A word or group of words used to name a feature on the earth's surface, expressed in the singular form.
geomfnamep	Feature Name (plural)	A word or group of words used to name a feature on the earth's surface, expressed in the plural form.
geomfnamesp	Feature Name Spanish (singular)	A word or group of words used to name a feature on the earth's surface, expressed in the singular form.
geomfnamespsp	Feature Name Spanish (plural)	A word or group of words used to name a feature on the earth's surface, expressed in the plural form.
geomfdesc	Description	Definition of a geomorphic term.
obterm	Obsolete?	Indicates whether a term is obsolete.
fieldcode	Field Code	The short code for the chosen data entry used in some primary data collection. The code is coordinated with the Field Guide for Describing and Sampling Soils.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
geomfiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: geomorfeatype
Table Label: Geomorphic Feature Type

Column Physical Name	Column Label	Column Description
geomftname	Feature Type	One of several pseudo-hierarchical terms used to describe relative levels of scale for geomorphic terms.
geomftdesc	Description	Definition of a geomorphic kind.
fieldcode	Field Code	The short code for the chosen data entry used in some primary data collection. The code is coordinated with the Field Guide for Describing and Sampling Soils.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
geomftdbiidref	Geomorphic Feature Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
geomftiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: groundcovdetails
 Table Label: Ground Cover Details

Column Physical Name	Column Label	Column Description
transectgrcoviidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
quadratcoverpct	Quadrat Cover %	The percent of the soil surface within a quadrat covered by a particular cover material type.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
groundcovdetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: groundsurfcovdetails
 Table Label: Ground Surface Cover Details

Column Physical Name	Column Label	Column Description
transectgrsurfcoviidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
quadratcoverpct	Quadrat Cover %	The percent of the soil surface within a quadrat covered by a particular cover material type.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
groundsurfcovdetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: indexdetail
Table Label: Index Detail

Column Physical Name	Column Label	Column Description
indexiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
systabiidref	System Table	An integer number that uniquely identifies a table in a particular database.
indexcolumnseq	Index Column Sequence	Specifies the sequence of a column in a table index.
tabcoliidref	Table Column	An integer number that uniquely identifies a column in a particular database.
includeclause	Include Clause Column?	Indicates that the column is to be added to the index in the include clause.
notnullclause	Not null clause column?	Indicates that the column is to be added to the index in the not null clause.
orgper	Originating Person	No description available.
conper	Contact Person	No description available.
pendact	Pending Action	No description available.
pendstat	Pending Status	No description available.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
indexdetailiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: indexdetailhist
Table Label: Index Detail History

Column Physical Name	Column Label	Column Description
indexdetailidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
indexdetailnoteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: indexmaster
Table Label: Index Master

Column Physical Name	Column Label	Column Description
systabiidref	Lineage	An integer number that uniquely identifies a table in a particular database.
sysiidref	System	An integer number that uniquely identifies a database or information system repository in a particular database.
constraintorindexname	Constraint or Index Name	The name that is used to physically implement an index in a database management system.
uniqueindex	Unique Index?	A Boolean value that indicates if the corresponding index is a unique index.
foreignkeyindex	Foreign Key?	A Boolean value that indicates if the corresponding index is used for a foreignkey relationship.
primaryindex	Primary Index?	A Boolean value that indicates if the corresponding index is the primary index for the corresponding table.
clusteredindex	Clustered Index	A Boolean value that indicates if the corresponding index should be created as a clustered index.
indexdeferrable	Index Deferrable?	A Boolean value that indicates if the corresponding index can be deferred.
performanceindex	Performance Index?	A Boolean value that indicates if the corresponding index was created for performance reasons only.
spatialindex	Spatial?	A Boolean value that indicates if the corresponding index is a spatial index.
indexcolnum	Number of Columns	For the associated index, how many columns are part of the index.
indexcolnames	Index Column Names	No description available.
indexdesc	Index Description	For the associated index, the index description.
indexid	Index ID	An integer value that uniquely identifies a table index in the NASIS-style metadata.

NASIS 7.3.3 Table Column Descriptions

sqladvanceoptions	SQL Advance Options To capture any SQL Server advance database/table options in the NREPO data.
orgper	Originating Person No description available.
conper	Contact Person No description available.
pendact	Pending Action No description available.
pendstat	Pending Status No description available.
recwupdated	Record Last Updated The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By The key of the NASIS user who last updated the corresponding record.
indexiid	Rec ID An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: indexmasterhist
 Table Label: Index Master History

Column Physical Name	Column Label	Column Description
indexiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
indexnoteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: keyrangeclient
 Table Label: Key Range - Client

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

tabphynm Table Physical Name
 The physical (SQL) name of a database table.

nextkeyvalue Next Key Value
 The key value of the next record to be added to the corresponding table.

rangeendvalue Range End Value
 The last available value in the current block of keys for the corresponding table.

reservekeyrangestart Reserved Key Range Start
 The starting value of a user's reserve key range.

reservekeyrangeend Reserve Key Range End
 The ending value of a user's reserve key range.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: laoverlap
Table Label: Legend Area Overlap

Column Physical Name	Column Label	Column Description
liidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
areaiidref	Area	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
areaovacres	Overlap Acres	The area overlap of two geographic regions, in acres.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
lareaoviid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: lcerthistory
 Table Label: Legend Certification History

Column Physical Name	Column Label	Column Description
liidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
revieweruseridref	Reviewer	The key of the NASIS user who reviewed the corresponding action.
certificationdate	Certification Date	The date on which the associated certification status was assigned.
certificationkind	Certification Kind	The kind of review performed on the data when the corresponding certification status was assigned.
legendcertstat	Legend Certification Status	The level of certification assigned to a legend. Intended to indicate whether or not the legend should be used and the degree of confidence with which it may be used.
certificationtext	Certification Text	Notes that describe the appropriate uses or significant limitations of the data, and explanatory information pertaining to the review and certification of the data.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
lcerthistoryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: legend
Table Label: Legend

Column Physical Name	Column Label	Column Description
areaiidref	Area	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
ssastatus	Survey Status	Identifies the operational activity of a soil survey area and currency of published soil information. Examples are Non-Project, Update and Published.
cordate	Correlation Date	The date the final correlation document for a soil survey is signed, expressed as month, year (e.g. 07/1999).
legenddesc	Legend Description	A short text field used to describe a particular soil survey area legend.
mlraoffice	MLRA Office	An NRCS business unit responsible for oversight of soil survey production activities of a particular soil survey area.
mousigned	MOU Signed	The date on which the memorandum of understanding was actually signed, expressed as month, day, year—xx/xx/xxxx.
mouagencyresp	MOU Agency Responsible	The lead agency designated as responsible for a particular soil survey.
mouprojcomp	MOU Projected Completion	The projected date specified in the memorandum of understanding, on which all mapping and field activities in a soil survey area will be completed, expressed as month and year (e.g. 06/2002).
projectscale	Project Scale	The map scale in which the final map products will be published, expressed as the denominator of the scale, i.e. 24000 = 1:24000.
legendsuituse	Geographic Applicability	Identifies the relative geographic extent over which a legend has the most up-to-date soil survey data.
ldbiiidref	Legend NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

objwupdated	Object Last Updated
The date and time the corresponding object was last updated.	
objuseridref	Object Last Updated By
The key of the NASIS user who last updated the corresponding object.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseridref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
liid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: lexportcerthistory
 Table Label: Legend Export Certification History

Column Physical Name	Column Label	Column Description
liidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _liid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
revieweruseridref	Reviewer	The key of the NASIS user who reviewed the corresponding action.
exportcertdate	Export Certification Date	The date on which the associated export certification status was assigned.
exportcertstatus	Export Certification Status	The level of certification assigned to a tabular data package for a particular soil survey area.
exportmetadata	Export Metadata	Narrative text notes (metadata) associated with the assignment of the tabular data certification status for a particular soil survey area.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
lexportcerthistoryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: Imapunit
Table Label: Legend Mapunit

Column Physical Name	Column Label	Column Description
liidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
musym	Mapunit Symbol	The symbol used to uniquely identify the soil mapunit in the soil survey.
muiidref	Mapunit	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
mustatus	Status	Identifies the current status of the map unit.
muacres	Total Acres	The number of acres of a particular mapunit in a particular legend.
farmlndcl	Farm Class	Identification of map units as prime farmland, farmland of statewide importance, or farmland of local importance.
farmlndclsec	Secondary Farm Class	Secondary classification of map units as farmland of statewide importance, or farmland of local importance. This is for those map units that are classified as 'conditionally prime farmland' in the Farmland Classification column and would be applied when on-site evaluation determines that the site does not meet the conditional criteria - e.g. irrigated.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
Imapunitiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: Imuaoverlap
 Table Label: Legend Mapunit Area Overlap

Column Physical Name	Column Label	Column Description
lareaoviidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
lmapunitiidref	Legend Mapunit	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
liidref	Legend	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
areaovacres	Overlap Acres	The area overlap of two geographic regions, in acres.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
imuareaoviid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: Imuhistory
Table Label: Legend Mapunit History

Column Physical Name	Column Label	Column Description
Imapunitiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
corkind	Correlation Kind	The type or kind of correlation decision that is being documented. This includes "join statements" and "notes to accompany" the correlation event.
corevent	Correlation Event	The activity or event during which the documented correlation decision was made.
munamehist	Historical Name	The name(s) of the soil mapunit used during the course of a soil survey.
mustathist	Historical Status	Identifies the status of the map unit from the time that it is added to the identification legend until it is officially correlated and approved for publication.
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
Imuhistoryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: Imutext
Table Label: Legend Mapunit Text

Column Physical Name	Column Label	Column Description
Imapunitiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
Imutextkind	Kind	A text entry can be identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
Imutextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: localplant
Table Label: Local Plant

Column Physical Name	Column Label	Column Description
lplantname	Common Name	The local, common, or colloquial name for a plant as defined by a user.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
obterm	Obsolete?	Indicates whether a term is obsolete.
lplantdbiidref	Local Plant NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
lplantiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: lpaoccurrence
 Table Label: Local Plant Area Occurrence

Column Physical Name	Column Label	Column Description
lplantiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
areaiidref	Area	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
lplantareaoccurrenceiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: ltext
Table Label: Legend Text

Column Physical Name	Column Label	Column Description
liidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _liid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
legendtextkind	Kind	A text entry can be identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
legtextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: mapunit
Table Label: Mapunit

Column Physical Name	Column Label	Column Description
muname	Mapunit Name	Correlated name of the mapunit (recommended name or field name for surveys in progress).
mukind	Kind	Code identifying the kind of mapunit. Example: C - consociation.
mutype	Mapunit Type	The type of map unit. Useful in determining which of the potentially many identically named map units in the database is the MLRA map unit. Managing projects and conducting evaluations will be simplified if mapunits are easily recognized as MLRA vs Non-MLRA.
nationalmusym	National Mapunit Symbol	The symbol used to uniquely identify the soil mapunit nationally. The value is generated by NASIS, and is based on the muiid from the Mapunit table, expressed in base 36. It is a combination of numeric and lowercase alphabetic characters.
mapunitlfw	Linear Feature Width	The approximate width of a particular map unit delineation represented by a linear soil feature on a soil map.
mapunitpfa	Point Feature Area	The approximate area of a particular map unit delineation represented by a point feature on a soil map.
usfsmuconcept	USFS Map Unit Concept	A narrative description of what the corresponding map unit represents, from a conceptual point of view.
mudbiidref	Mapunit NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.

NASIS 7.3.3 Table Column Descriptions

recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
muiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataAlignment
 Table Label: Alignment Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

Alignment Alignment
 An integer value that indicates if a column should be left, center or right justified.

AlignmentName Alignment Name
 The name of an allowable column alignment.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataCardinality
 Table Label: Cardinality Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

Cardinality Cardinality

Indicates whether the relationship between the left table and right table is one to one or one to many. For a one to one relationship, a record in the left table is related to zero or one record in the right table. For a one to many relationship, a record in the left table is related to zero or more records in the right table. Cardinality does not indicate whether or not the relationship is mandatory.

CardinalityName Cardinality Name

The name of an allowable relationship cardinality.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataColumnLookup
Table Label: Column Lookup Metadata

Column Physical Name	Column Label	Column Description
TableID	Table ID	An integer value that uniquely identifies a table.
ColumnID	Column ID	An integer value that uniquely identifies a column in a data model, not just within a table.
TableColumnSequence	Table Column Sequence	Specifies the sequence of a column in a table.
RelationshipID	Relationship ID	An integer value that uniquely identifies a relationship between two tables in a database.
DisplaySequence	Display Sequence	The left to right sequence in which lookup columns in a related table should be displayed.
Branch	Branch	An integer value used to distinguish on branch of a column lookup from another. Both branches must share the same relationship or set of relationships from the foreign key table to that table's drill down parent table, in the case of a drill down relationship, or to that table/s immediate lookup table in the case of a lookup relationship.
DisplayTableID	Display Table ID	An integer value that uniquely identifies the lookup table in a lookup relationship.
DisplayColumnID	DisplayColumn ID	An integer value that uniquely identifies a column in a data model. In this case a column that should be displayed in lieu of a foreign key.
DisplayTableColumnSequence	Display Table Column Sequence	Specifies the sequence of a column in a lookup table.
DisplayColumnLabel	Display Column Label	The label that should be displayed for a column in a lookup choice list and when that column is displayed in lieu of a foreign key.
DisplayOnlyInChoiceList	Display Only in Choice List?	A Boolean value that indicates whether or not the corresponding column should be displayed in a choice list but not be displayed in lieu of the corresponding foreign key in a table once a selection has been made. This switch can be used to include an obsolete indicator in a choice list but exclude that column from being displayed in the related table itself.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataDatetimePrecision
 Table Label: Datetime Precision Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

DatetimePrecision Datetime Precision

An integer value that indicates the smallest time period that should be displayed for a datetime attribute. For any datetime attribute, the assumption is that year will always be displayed. This attribute must be populated for all datetime attributes, even when only year is displayed.

DatetimePrecisionName Datetime Precision Name

The name of an allowable datetime precision - "Year", "Month", "Day", "Hour", "Minute" or "Second".

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataDefaultType
 Table Label: Default Type Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

DefaultType Default Type
 Indicates the type of default value for the corresponding column, if any.

DefaultTypeName Default Type Name
 The name of an allowable column default type.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataDomainDetail
Table Label: Domain Detail Metadata

Column Physical Name	Column Label	Column Description
DomainID	Domain ID	An integer value that uniquely identifies a domain.
ChoiceSequence	Choice Sequence	Specifies the sequence in which the members of a domain should be ordered or displayed.
ChoiceValue	Choice Value	An integer value that uniquely identifies a member of the corresponding domain.
ChoiceName	Choice Name	One of two strings representing a member of a domain. This corresponds to the instance that is typically shorter, and is typically in lower case. This value must be unique for every member of a given domain.
ChoiceLabel	Choice Label	One of two strings representing a member of a domain. This corresponds to the instance that is typically longer, and is typically in mixed case. This value must be unique for every member of a given domain.
ChoiceDescription	Choice Description	The narrative text description or definition of a member of a domain.
ChoiceObsolete	Obsolete Choice?	Indicates if a member of a domain is considered "obsolete". Obsolete choices are not displayed in a choice list for new data entry.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataDomainMaster
Table Label: Domain Master Metadata

Column Physical Name	Column Label	Column Description
DomainID	Domain ID	An integer value that uniquely identifies a domain.
DomainName	Domain Name	The name of the domain to which a column's values are restricted. A domain is a finite list of character strings that a column's value may assume.
DomainRanked	Domain Ranked?	A Boolean value that indicates if the corresponding domain can be logically ordered.
DisplayLabel	Display Label?	A Boolean value that indicates whether or not the longer version of a domain member name, in addition to the shorter version of a domain member name, should be displayed in the corresponding choice list.
DomainCustomizable	Domain Customizable?	A Boolean value that indicates if the corresponding domain can be customized by a NASIS user, i.e. can a NASIS user specify which choices should and should not be displayed?

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataIndexDetail
 Table Label: Index Detail Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

IndexID Index ID
 An integer value that uniquely identifies a table index.

IndexColumnSequence Index Column Sequence
 Specifies the sequence of a column in a table index.

TableID Table ID
 An integer value that uniquely identifies a table.

ColumnID Column ID
 An integer value that uniquely identifies a column in a data model, not just within a table.

TableColumnSequence Table Column Sequence
 Specifies the sequence of a column in a table.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataIndexMaster
 Table Label: Index Master Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

IndexID Index ID
 An integer value that uniquely identifies a table index.

TableID Table ID
 An integer value that uniquely identifies a table.

ConstraintOrIndexName Constraint or Index Name
 The name that is used to physically implement an index in a database management system.

UniqueIndex Unique Index?
 A Boolean value that indicates if the corresponding index is a unique index.

PrimaryIndex Primary Index?
 A Boolean value that indicates if the corresponding index is the primary index for the corresponding table.

ConstraintDeferrable Constraint Deferrable?
 A Boolean value that indicates if the corresponding constraint can be deferred.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataLogicalDataType
 Table Label: Logical Data Type Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

LogicalDataType Logical Data Type
 Indicates the corresponding column's logical data type. Logical data type is independent of the Database Management System that is ultimately used to implement a database.

LogicalDataTypeName Logical Data Type Name
 The name of an allowable column logical data type.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataPhysicalDataType
 Table Label: Physical Data Type Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

PhysicalDataType Physical Data Type
 Indicates the corresponding column's physical data type.

PhysicalDataTypeName Physical Data Type Name
 The name of an allowable column physical data type.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataRelationshipDetail
Table Label: Relationship Detail Metadata

Column Physical Name	Column Label	Column Description
RelationshipID	Relationship ID	An integer value that uniquely identifies a relationship between two tables in a database.
LeftTableID	Left Table ID	An integer value that uniquely identifies the "left" (parent) table in a relationship. For a one to one mandatory relationship, this corresponds to the table that can exist without the other. In a one to many relationship, this corresponds to the table on the "one" side of the relationship.
LeftColumnID	Left Column ID	An integer value that uniquely identifies a column in a data model. In this case, a column in the "left" (parent) table in a relationship that is used in whole or part to join the two tables in that relationship.
LeftTableColumnSequence	Left Table Column Sequence	An integer value that specifies a column's sequence in the "left" (parent) table in a relationship.
RightTableID	Right Table ID	An integer value that uniquely identifies the "right" (child) table in a relationship. For a one to one mandatory relationship, this corresponds to the table that cannot exist without the other. In a one to many relationship, this corresponds to the table on the "many" side of the relationship.
RightColumnID	Right Column ID	An integer value that uniquely identifies a column in a data model. In this case, a column in the "right" (child) table in a relationship that is used in whole or part to join the two tables in the relationship.
RightTableColumnSequence	Right Table Column Sequence	An integer value that specifies a column's sequence in the "right" (child) table in a relationship.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataRelationshipMaster
Table Label: Relationship Master Metadata

Column Physical Name	Column Label	Column Description
RelationshipID	Relationship ID	An integer value that uniquely identifies a relationship between two tables in a database.
LeftTableID	Left Table ID	An integer value that uniquely identifies the "left" (parent) table in a relationship. For a one to one mandatory relationship, this corresponds to the table that can exist without the other. In a one to many relationship, this corresponds to the table on the "one" side of the relationship.
RightTableID	Right Table ID	An integer value that uniquely identifies the "right" (child) table in a relationship. For a one to one mandatory relationship, this corresponds to the table that cannot exist without the other. In a one to many relationship, this corresponds to the table on the "many" side of the relationship.
RelationshipName	Relationship Name	A name given to a relationship between two tables in a relational database. If there is more than one relationship between the same two tables, the name of each of those relationships must be unique.
ForeignKeyConstraintName	Foreign Key Constraint Name	The foreign key constraint name associated with the corresponding relationship.
Cardinality	Cardinality	Indicates whether the relationship between the left table and right table is one to one or one to many. For a one to one relationship, a record in the left table is related to zero or one record in the right table. For a one to many relationship, a record in the left table is related to zero or more records in the right table. Cardinality does not indicate whether or not the relationship is mandatory.
CardinalityMinimum	Cardinality Minimum	The minimum allowable number of records in a child table for its corresponding parent table or tables, which will always be either zero or one.
CardinalityMaximum	Cardinality Maximum	The maximum allowable number of records in a child table for its corresponding parent table or tables, where -1 corresponds to "no maximum".
Mandatory	Mandatory?	Indicates if in order for a record to exist in the right table of a relationship, a corresponding record must exist in the left table of that relationship, i.e. mandatory = "yes". In other words, when mandatory is "no", a record may exist in the right table of a relationship without having a corresponding record in the left table of that relationship.
DeleteFail	Delete Fail?	A Boolean value that indicates if the delete rule for the corresponding relationship is "fail". If the delete rule is not "fail", it is assumed to be "cascade".
InHierarchy	In Hierarchy?	When InHierarchy is set, the two tables involved in the corresponding relationship are considered to be part of the same hierarchy. A hierarchy is a graph with a single root node where no branches ever converge. In a data model, a table may be a member of one and only one hierarchy. For the NASIS data model, MetadataTableCollection records all hierarchies that are defined. Other data models, like the one for the Staging Server, includes hierarchies but no table collections. In versions of NASIS prior to Windows NASIS, we had a Boolean metadata attribute named "Editor Relationship". This was the precursor of "InHierarchy", but the two concepts are not equivalent. Editor Relationship pertained only to visible tables

whose contents could be edited in the NASIS grid editor. A table no longer has to be visible or editable in order to be part of a hierarchy.

FavoriteChild	Favorite Child?
A Boolean value that indicates if the right table in a relationship corresponds to the left table's "favorite child". When visiting the "children" of a table, the "favorite child" is the default table that will be visited when no explicit child table is specified.	
LoadFindRelated	Load/Find Related?
A Boolean value that indicates whether or not Load Related and Find Related are enabled for the corresponding relationship. This corresponds to what use to be referred to as "Traverse" in the original NASIS metadata.	
Paste	Paste?
A Boolean value that indicates if records can be created in the "right" table of a relationship by copying and "pasting" records from the "left" table in that relationship. In other words, new records are pasted into the "right" table of a relationship, where the only columns populated either correspond to columns that also exist in the left table of that relationship, or columns that have a default value.	
ConstraintDeferrable	Constraint Deferrable?
A Boolean value that indicates if the corresponding constraint can be deferred.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataSortDirection
 Table Label: Sort Direction Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

SortDirection Sort Direction
 Indicates if the corresponding column should be sorted in ascending or descending order.

SortDirectionName Sort Direction Name
 The name of an allowable column sort direction.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataSortType
 Table Label: Sort Type Metadata

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

SortType Sort Type
 Indicates how the corresponding column should be sorted (numeric, alphanumeric, lexigraphic).

SortTypeName Sort Type Name
 The name of an allowable column sort type.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataTable
Table Label: Table Metadata

Column Physical Name	Column Label	Column Description
TableID	Table ID	An integer value that uniquely identifies a table.
TablePhysicalName	Table Physical Name	The name that is used to physically implement a table in a database management system. Within a database, no two tables may share the same physical name.
TableLogicalName	Table Logical Name	A name associated with a table that is typically more connotative than the table's corresponding physical name. Within a database, no two tables may share the same logical name.
TableLabel	Table Label	A label associated with a table that is typically more connotative than the table's corresponding logical name. Within a database, no two tables may share the same label.
TableDescription	Table Description	A narrative text description of what a table represents or records.
ImportExportFileName	Import/Export File Name	The base part of the file name of a table's associated ASCII pipe delimited import/export file. The complete name of a table's associated import/export file is the base name followed by the characters ".txt". For example, if the base name is "alpha", the name of the associated import/export file is "alpha.txt".
TableCollectionID	Table Collection ID	An integer value that uniquely identifies a collection of tables. A table can be a member of no more than one collection.
DAGLevel	Directed Acyclic Graph Level	A table's level in the in the set of directed acyclic graphs that are defined for the corresponding data model. A root table corresponds to level 0.
Visible	Visible?	For a table, a Boolean value that indicates whether or not the corresponding table should be visible in the NASIS grid editor. A table that is not visible in the NASIS grid editor should not be able to be selected as the target table for a NASIS query. For a column, a Boolean value that indicates whether or not the corresponding column should be visible in either the NASIS grid editor or one the special NASIS editors.
Selectable	Selectable?	A Boolean value that indicates whether or not records from the corresponding table can potentially be created, read, updated or deleted in NASIS. A table can be selectable but not visible in the NASIS grid editor. Such a table is typically managed by a special editor in NASIS. A table that is not selectable cannot be referenced in a NASIS query.
Editable	Editable?	A Boolean value that indicates whether or not the contents of the corresponding table can be changed by a user through either the NASIS grid editor or one of the special NASIS
NoInsertOrDelete	No Insert or Delete?	A Boolean value that indicates whether or not end users should be able to insert records into or delete records from the corresponding table. Gary says that in NASIS 6.0, this was implemented as "no insert" only, i.e. it does not prevent deletes. Gary says that if and when we clean this up, we should probably separate "no insert" and "no delete".

NASIS 7.3.3 Table Column Descriptions

RootTable	Root Table?
A Boolean value that indicates if the corresponding table is the root table of an object hierarchy.	
CreateAsView	Create As View?
A Boolean value that indicates whether or not the corresponding "table" is really a view. This attribute was created to support a chorizon table that was created as a view. After discarding Microsoft's Merge Replication, which limited the number of columns in a table to less than the number of columns in chorizon, table chorizon was reverted back to a traditional table. This attribute is probably no longer supported by the NASIS code.	
ClientDatabaseOnly	Client Database Only
For the NASIS database, a Boolean value that, when set, indicates that the corresponding table is present only in a NASIS client database.	
ServerDatabaseOnly	Server Database Only
For the NASIS database, a Boolean value that, when set, indicates that the corresponding table is present only in the central NASIS server database. For the Staging Server database, a Boolean value that, when set, indicates that the contents of the corresponding table should not be copied from the Staging Server database to a table with the same name in the Soil Data Warehouse database.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataTableCollection
 Table Label: Table Collection Metadata

Column Physical Name	Column Label	Column Description
TableCollectionID	Table Collection ID	An integer value that uniquely identifies a collection of tables. A table can be a member of no more than one collection.
TableCollectionName	Table Collection Name	The name by which a table collection is identified.
TableCollectionSequence	Table Collection Sequence	The sequence in which table collections should be displayed.
TableCollectionInsertSequence	TableCollectionInsertSequence	The sequence in which the corresponding table collection should be inserted into the database, relative to other table collections.
RestrictedNASISSiteID	Restricted NASIS Site ID	The ID of the NASIS site to which creation of new instances of the corresponding table collection is restricted. A NASIS site is an administrative entity by which table collection instance ownership is managed.
NonRestrictedVisible	Non-restricted Visible?	A Boolean value that indicates whether or not the corresponding table collection should be visible to users who cannot edit any table in that collection.
LoadAll	Load All?	A Boolean value that indicates whether or not all data for the root table in the corresponding table collection should be automatically loaded whenever that table is first viewed.
VisibleInGridEditor	Visible in Grid Editor?	A Boolean value that indicates whether or not the table in the corresponding table collection can be edited via the general NASIS grid editor. Some table collections have their own specialized edit interface.
SelectableForReplication	Selectable for Replication?	A Boolean value that indicates whether or not instances of the corresponding NASIS object can be selected for inclusion in a NASIS user's replicate.
Autoreplicate	Autoreplicate?	A Boolean value that indicates if all instances of the corresponding object should be automatically replicated to all NASIS client databases.
CustomizationQuery	Customization Query	A query that specifies which columns should be displayed, and the default sort order of records in a customizable table collection choice list. Such a query may include columns from related table collections.
CustomizationColumnID	Customization Column ID	The Column ID (MetadataTableColumn.ColumnID) of the column whose values should be stored to indicate which records should be displayed for a customized table collection.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataTableColumn
Table Label: Table Column Metadata

Column Physical Name	Column Label	Column Description
TableID	Table ID	An integer value that uniquely identifies a table.
ColumnID	Column ID	An integer value that uniquely identifies a column in a data model, not just within a table.
TableColumnSequence	Table Column Sequence	Specifies the sequence of a column in a table.
BaseColumnPhysicalName	Base Column Physical Name	The base physical name of the corresponding column, i.e. the column physical name prior to adding any extensions for HLRV and/or Calc Source columns.
ColumnPhysicalName	Column Physical Name	The physical name of the corresponding column, i.e. the name by which that column is implemented in the corresponding table. Within a table, no two columns may have the same
ColumnLogicalName	Column Logical Name	The logical name of the corresponding column. Logical names are typically more connotative than physical names. Within a table, no two columns may have the same logical name.
ColumnGroupLabel	Column Group Label	The group heading for the corresponding column group.
ColumnLabel	Column Label	The column heading for the corresponding column.
PhysicalDataType	Physical Data Type	Indicates the corresponding column's physical data type.
LogicalDataType	Logical Data Type	Indicates the corresponding column's logical data type. Logical data type is independent of the Database Management System that is ultimately used to implement a database.
DomainID	Domain ID	An integer value that uniquely identifies a domain.
ColumnDescription	Column Description	The narrative text description or definition of a column.
ColumnHelpText	Column Help Text	Narrative text that provides data entry guidelines for the corresponding column.
FieldSize	Field Size	The maximum allowable number of characters for a column whose logical data type is "string".

NASIS 7.3.3 Table Column Descriptions

DecimalPrecision	Decimal Precision
The number of decimal digits that should be displayed for a column whose logical data type is "float".	
DatetimePrecision	Datetime Precision
An integer value that indicates the smallest time period that should be displayed for a datetime attribute. For any datetime attribute, the assumption is that year will always be displayed. This attribute must be populated for all datetime attributes, even when only year is displayed.	
Minimum	Minimum
The minimum allowable value of a column.	
Maximum	Maximum
The maximum allowable value of a column.	
DefaultType	Default Type
Indicates the type of default value for the corresponding column, if any.	
DefaultValue	Default Value
The default value for a column whose corresponding default type is "literal".	
Alignment	Alignment
An integer value that indicates if a column should be left, center or right justified.	
DisplaySize	Display Size
The default display width of a column in spreadsheet view, in characters.	
SortSequence	Sort Sequence
A column's position in the corresponding table's sort key.	
SortType	Sort Type
Indicates how the corresponding column should be sorted (numeric, alphanumeric, lexicographic).	
SortDirection	Sort Direction
Indicates if the corresponding column should be sorted in ascending or descending order.	
UnitsOfMeasureUnabbreviated	Units of Measure Unabbreviated
The units of measure in which a column is recorded.	
UnitsOfMeasureAbbreviated	Units of Measure Abbreviated
An abbreviation of the units of measure in which a column is recorded.	
NotNull	Not Null?
A Boolean value that indicates if a value is always required for the corresponding column.	
Visible	Visible?
For a table, a Boolean value that indicates whether or not the corresponding table should be visible in the NASIS grid editor. A table that is not visible in the NASIS grid editor should	

NASIS 7.3.3 Table Column Descriptions

not be able to be selected as the target table for a NASIS query. For a column, a Boolean value that indicates whether or not the corresponding column should be visible in either the NASIS grid editor or one the special NASIS editors.

Protected **Protected?**
A Boolean value that indicates if the corresponding column should be prevented from being changed by end users.

SetDefaultOnObjectChange **Set Default on Object Change?**
Indicates if the corresponding column should be set to its default value when the corresponding object is updated.

SetDefaultOnRowChange **Set Default on Row Change?**
Indicates if the corresponding column should be set to its default value when the corresponding record is updated.

IncludeInReplicationSelectList **Include in Replication Select List?**
A Boolean value that indicates if the corresponding column should be included in the corresponding table's replication selection list.

FileContentColumnID **File Content Column ID**
The Column ID (MetadataTableColumn.ColumnID) of the column used to store the contents of a file. This is an attribute of the corresponding column. The logical data type of the corresponding column must be "File Reference". A File Reference type column will display a file name in a table editor grid, and will also include buttons labeled Open or Save. Open is used to import the contents of a file into the column identified by this attribute. Save is used to copy the imported file contents to a file whose name is stored in the File Reference

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: MetadataVersion
 Table Label: Version Metadata

Column Physical Name	Column Label	Column Description
DatabaseDataModelVersion	Database Data Model Version	The version of the corresponding database data model.
DatabaseLastAltered	Database Last Altered	The date when the corresponding database was last altered.
DatabaseDataModelLog	Database Data Model Log	The change log for the corresponding database data model.
MetadataDataModelVersion	Metadata Data Model Version	The version of the corresponding metadata data model.
MetadataLastUpdated	Metadata Last Updated	The date when the corresponding metadata was last updated.
MetadataDataModelLog	Metadata Data Model Log	The change log for the corresponding metadata data model.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: milestonetype
Table Label: Milestone Type

Column Physical Name	Column Label	Column Description
milestonetypename	Milestone Type Name	The name of the corresponding milestone type.
milestonetypedesc	Description	A description of the corresponding milestone type.
obterm	Obsolete?	Indicates whether a term is obsolete.
milestonetypedbiidref	Milestone Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
milestonetypeiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: muhistory
Table Label: Mapunit History

Column Physical Name	Column Label	Column Description
muiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
corkind	Correlation Kind	The type or kind of correlation decision that is being documented. This includes "join statements" and "notes to accompany" the correlation event.
corevent	Correlation Event	The activity or event during which the documented correlation decision was made.
munamehist	Historical Name	The name(s) of the soil mapunit used during the course of a soil survey.
mustathist	Status (obsolete)	Identifies the status of the map unit from the time that it is added to the identification legend until it is officially correlated and approved for publication.
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
muhistiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: mutext
Table Label: Mapunit Text

Column Physical Name	Column Label	Column Description
muuidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
mapunittextkind	Kind	Text kind provides a grouping of text entries according to their subject matter. For example, the text kind "edit notes" groups text entries that deal with adding or changing data.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
mutextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: muusfsecoclass
 Table Label: Mapunit USFS Ecological Classification

Column Physical Name	Column Label	Column Description
muiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
usfseciidref	USFS Ecological Classification	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
muusfsecoclsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: muusfsinterp
Table Label: Mapunit USFS Interpretation

Column Physical Name	Column Label	Column Description
muiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
usfsinterpiidref	USFS Interpretation	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
usfsirclassiidref	USFS Interpretation Rating Class	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
usfsirnumval	USFS Interpretation Rating Numeric Value	USFS interpretation rating numeric value. A numeric rating value that is sometimes used in lieu of a rating class.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
muusfsinterpiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: muusfsirestrict
 Table Label: Mapunit USFS Interpretation Restriction

Column Physical Name	Column Label	Column Description
muusfsinterpiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
usfsirstrciiidref	USFS Interpretation Restriction	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
muusfsirestrictiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: nasisgroup
Table Label: NASIS Group

Column Physical Name	Column Label	Column Description
nasissiteiidref	Lineage	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpname	NASIS Group Name	The name of a NASIS group in a particular NASIS database occurrence, e.g. state office.
grpdesc	Description	A narrative text entry that contains information about a particular NASIS group.
grpcontact	Contact	The name of the primary contact for a particular NASIS group.
grpphone	Phone	The phone number of the primary contact for a particular NASIS group.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
griid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: nasisgroupmember
Table Label: NASIS Group Member

Column Physical Name	Column Label	Column Description
grpiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
useridref	NASIS User	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
grpmemiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: nasissession
Table Label: NASIS Session

Column Physical Name	Column Label	Column Description
useridref	NASIS User	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
sessionpasscode	Session Passcode	A unique session ID provided by the NASIS web service server that is used to authenticate a NASIS client to invoke NASIS related web services.
sessioncommenced	Session Commenced	When the corresponding NASIS session commenced.
sessionexpires	Session Expires	When the corresponding NASIS session expires.
sessionlastactive	Session Last Active	When the corresponding session was last active.
sessionid	Session ID	The primary key of the corresponding session record.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: nasissite
Table Label: NASIS Site

Column Physical Name	Column Label	Column Description
nasissitename	NASIS Site Name	The name of a particular NASIS site.
nasissitedesc	Description	A narrative text entry that contains information about a particular NASIS site.
nasissitestate	State	The name of the state in which a particular NASIS site resides. Expressed as the FIPS alpha code e.g. CO.
nasissitecounty	County	The name of the county in which a particular NASIS site resides.
nasissitecity	City	The name of the city in which a particular NASIS site resides.
nasissiteofficetype	Office Type	The name of the type of office in which a particular NASIS site resides.
nasissitecontact	Contact	The name of the primary contact person for a particular NASIS site.
nasissitephone	Phone	The phone number of the primary contact person for a particular NASIS site.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
nasissiteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: nasissiteadmin
 Table Label: NASIS Site Administrator

Column Physical Name	Column Label	Column Description
nasissiteiidref	Lineage	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
useriidref	NASIS User	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
nasissiteadminiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: nasisuser
Table Label: NASIS User

Column Physical Name	Column Label	Column Description
username	NASIS User Name	The full name of a NASIS user in a particular NASIS database occurrence.
useraffiliation	Affiliation	The agency or entity that a particular user is associated with.
userdesc	Description	A narrative text entry that contains information about a particular NASIS user.
userjobtitle	Job Title	The job title of a person who is in some way associated with the work done on a particular soil survey project. This person may be either a NRCS employee or a NCSS cooperator
userphone	Phone	The phone number of a particular NASIS user
useremailaddr	E-mail Address	Email address of a NASIS User.
eauthid	eAuth ID	A NASIS user's eAuth ID. The eAuth ID is not the same as the eAuth login. This field use to store a person's eAuth login but was changed to store a person's eAuth ID around November 2005, because the eAuth staff will no longer allow a person's eAuth login to be provided to an application.
windowslogin	Windows Login	A NASIS uers's Windows login.
lastlogin	Last Login	The date and time a NASIS user last logged in.
defaultgrpiidref	Default NASIS Group	A NASIS user's default NASIS group.
nasisuserdbiidref	NASIS User NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.

NASIS 7.3.3 Table Column Descriptions

userid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: ncsslayerslabdata
 Table Label: NCSS Layer Lab Data

Column Physical Name	Column Label	Column Description
ncsspedonlabdataiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
layerseqnum	Layer Seq	A sequential number (starting at 1 for the top horizon) for horizons in a pedon. It is used to order data in reports.
labsampnum	Lab Sample #	The internal laboratory sample number for the horizon. Constructed by the two digit fiscal year * 10000 + consecutive sample number in that year.
hzdept	Top Depth	The distance from the top of the soil to the upper boundary of the soil horizon.
hzdepb	Bottom Depth	The distance from the top of the soil to the base of the soil horizon.
layertype	Layer Type	An indicator as to whether the sample from the specified depth range represents a morphological horizon or a reporting layer type.
hzname	Designation	The concatenation of three kinds of symbols (four data elements) used in various combinations to designate layers within the soil. (SSM)
hznameoriginal	Designation - Orig	The horizon designation originally entered in the database.
stratextsflag	Stratified ?	A Boolean flag that when set (Y) indicates that the textures that comprise a particular texture group, are stratified.
moistprepstate	Moisture State	This field indicates whether the physical and chemical analyses were run on air-dried samples or non-air-dried samples. Typically, analyses are run on air-dried samples unless drying causes irreversible changes in the soil and the changes affect the results of the analyses.
texcl	Lab Texture	An expression, based on the USDA system of particle sizes, for the relative portions of the various size groups of individual mineral grains less than 2mm equivalent diameter in a mass of soil.
sandvcmeasured	VC Sand - Measured	Very coarse sand is the soil separate with 1.0 to 2.0 mm particle diameter. It is reported as a gravimetric percent of the <2 mm fraction.
sandcomeasured	Co. Sand - Measured	

NASIS 7.3.3 Table Column Descriptions

Coarse sand is the soil separate with 0.5 to 1.0 mm particle diameter. It is reported a gravimetric percent of the <2 mm fraction.

sandmedmeasured Med. Sand - Measured

Medium sand is the soil separate with 0.25 to 0.50 mm particle diameter. It is reported as a gravimetric percent of the <2 mm fraction.

sandfinemeasured Fine Sand - Measured

Fine sand is the soil separate with 0.10 to 0.25 mm diameter particles. It is reported as a gravimetric percent of the <2 mm fraction.

sandvfmeasured VF Sand - Measured

Very fine sand is the soil separate with 0.05 to 0.10 mm particle diameter. It is reported as a gravimetric percent of the <2 mm fraction.

sandtotmeasured Total Sand - Measured

Total sand is the soil separate with 0.05 to 2.0 mm particle diameter. It is reported a gravimetric percent of the <2 mm fraction.

siltcomeasured Co. Silt - Measured

Coarse silt is the soil separate with 0.02 to 0.05 mm particle size. It is reported as a gravimetric percent of the <2 mm fraction.

siltfinemeasured Fine Silt - Measured

Fine silt is the soil separate with 0.002 to 0.02 mm particle diameter. It is reported as a gravimetric percent of the <2 mm fraction.

silttotmeasured Total Silt - Measured

Total silt is the soil separate with 0.002 to 0.05 mm particle size. It is reported as a gravimetric percent of the <2 mm fraction.

claycarbmeasured CaCO₃ Clay - Measured

Carbonate clay is the part of <0.002 mm diameter particles that are composed of carbonates. It is reported as a gravimetric percent of the <2 mm fraction.

clayfinemeasured Fine Clay - Measured

Fine clay is the <0.0002 mm particle diameter soil separate. It is reported as a gravimetric percent of the <2mm fraction.

claytotmeasured Total Clay - Measured

Total clay is the soil separate with <0.002 mm particle diameter. Clay size carbonate is included. Total clay is reported as a gravimetric percent of the <2 mm fraction.

carbonorganicpctmeasured Organic Carbon %

The percent of organic carbon in the sample on a gravimetric percent basis, computed by difference of total carbon and inorganic carbon.

carbontotalpctmeasured Total Carbon %

The gravimetric percentage of total carbon in the sample.

ompctest OM % Est.

The estimated amount of decomposed plant and animal residue in the sample expressed as a weight percentage of the less than 2 mm soil material computed from measured organic

fiberrubbedpct Rubbed Fiber %

The proportion of organic soil material that is composed of fibers, reported as a percent by volume of the less than 20 mm fraction after rubbing between the thumb and fingers.

fiberunrubbedpct Unrubbed Fiber %

The proportion of organic soil material composed of fibers, reported as a percent by volume of the less than 20 mm fraction before rubbing between thumb and fingers.

NASIS 7.3.3 Table Column Descriptions

fragwt25	Frag%, 2-5 mm, by wt. The gravimetric percentage of 2 to 5 mm diameter particles in the <75 mm size fraction.
fragwt520	Frag%, 5-20 mm, by wt. The gravimetric percentage of 5 to 20 mm diameter particles reported in the <75 mm size fraction.
fragwt2075	Frag%, 20-75 mm, by wt. The gravimetric percentage of 20 to 75 mm diameter particles reported in the <75 mm size fraction.
fragwt275	Frag%, 2-75 mm, by wt. The gravimetric percentage of 2 to 75 mm diameter particles reported in the <75 mm size fraction.
wtptct0175	Wt %, 0.1-75 mm The gravimetric percentage of 0.1 to 75 mm diameter particles reported in the <75 mm size fraction.
wtptctgt2ws	Wt %, =>2 mm, ws The gravimetric percent of particles with =>2 mm diameter reported on a whole soil base.
ph1to1h2o	pH 1:1 water The negative common logarithm of the hydrogen ion activity in the soil using the 1:1 soil-water ratio method. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)
ph01mcacl2	pH .01M CaCl ₂ The negative common logarithm of the hydrogen ion activity in the soil, using the 0.01M CaCl ₂ method, in a 1:2 soil:solution ratio. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)
phnaf	pH NaF The negative common logarithm of the hydrogen ion activity in the soil using the 1N NaF method. It is used as an indicator of andic materials.
phoxidized	pH Oxidized The negative common logarithm of the hydrogen ion activity in the soil using the oxidized pH method. It is used as an indicator of the presence of sulfidic materials. This is the final pH measured after several moist/dry cycles when using SSIR51V1-7.1.3.1 Hydrogen Peroxide Test, Delta pH test for Acid Sulfate Soils.
resistivity	Resistivity Resistivity is the electrical resistance of a saturated soil paste in a standard resistance cup, reported as ohms per centimeter on the <2 mm fraction. It is a measure of the amount of soluble salts in the sample.
ecmeasured	EC The electrical conductivity of an extract from saturated soil paste using the pocket-type or hand-held electrical conductivity meter.
esp	ESP The fraction of the cation exchange capacity of a soil that is occupied by sodium ions, expressed as a percent.
sar	SAR A measure of the amount of Sodium (Na) relative to Calcium (Ca) and Magnesium (Mg) in the water extract from saturated soil paste. (Soil Survey Staff (2004, method 4F3b)

NASIS 7.3.3 Table Column Descriptions

cecsumcations	CEC, sum of cations The calculated CEC at pH 8.2. It is calculated by (BASE_SUM+ACID_TEA). It is reported as cmol +/kg of sample in the <2 mm size fraction.
cec7	CEC-7 The amount of readily exchangeable cations that can be electrically adsorbed to negative charges in the soil, soil constituent, or other material, at pH 7.0, as estimated by the ammonium acetate method. Previously reported as meq/100 g which is equivalent to cmol+/kg.
ecec	ECEC The sum of NH4OAc extractable bases plus KCl extractable aluminum. Previously reported as meq/100 g which is equivalent to cmol+/kg.
sumbases	Sum of Bases The sum of NH4OAc extractable bases (pH 7.0), reported on less than 2mm base. Previously reported as meq/100 g which is equivalent to cmol+/kg.
basesatsumcations	BS, sum of cations Base saturation by sum of cations (pH 8.2) is calculated by (BASE_SUM/CEC_SUM)*100.
basesatnh4oac	BS, NH4OAc NH4OAc base saturation (pH 7.0) is calculated by (BASE_SUM/CEC_NH4)*100.
caco3equivmeasured	CaCO3 <2 mm The quantity of Carbonate (CO3) in the soil expressed as CaCO3 and as a weight percentage of the less than 2 mm size fraction. Calcium Carbonate equivalent measured using a volume calcimeter (Holmgren 1973).
caco3lt20measured	CaCO3 <20 mm The quantity of Carbonate (CO3) in the soil expressed as CaCO3 and as a gravimetric percentage of the <20 mm size fraction. It is used for determining the carbonatic mineralogy
gypsumequivlt2measured	Gypsum <2 mm Calcium sulfate as gypsum as a gravimetric percent of the <2 mm size fraction.
gypsumequivmeasured	Gypsum <20 mm Calcium sulfate as gypsum as a gravimetric percent of the <20 mm size fraction.
feoxalatemeasured	Oxalate Fe Ammonium oxalate extractable iron is considered a measure of the noncrystalline Fe in soils. It provides some inferences of the amount of Fe in various forms. It is reported as gravimetric percentage of the <2mm size fraction.
feextractable	Extractable Fe Dithionite citrate extractable iron is considered a general measure of total pedogenic iron. It provides inferences on the amount of iron in various forms, P fixing potential, aggregate stability, and degree of weathering. Reported as gravimetric percent of the <2mm size fraction.
fetotal	Total Fe Total Fe is the iron measured after total dissolution of a size fraction of soil material. It is stored as elemental percent and reported as mg/kg oxide on the base of the size fraction used.
sioxalatemeasured	Oxalate Si

NASIS 7.3.3 Table Column Descriptions

The amount of ammonium oxalate extractable silicon relates to the amount of allophane and imogolite in andic materials. It is reported as a gravimetric percent of the <2mm size	
extracid	Extractable Acidity
A measure of soil exchangeable hydrogen ions that may become active by cation exchange. Previously reported as meq/100 g which is equivalent to cmol+/kg.	
extral	KCl Extractable Al
The amount of aluminum extracted in 1 normal potassium chloride which approximates the exchangeable Al, and is a measure of the active acidity present in soils with a 1:1 water pH less than 5.5. It relates to the immediate lime requirement and the CEC of the soil. The following laboratory method is applied: 55 ml of 1 normal potassium chloride is extracted through 2.5 g of soil sample. The extract is analyzed by use of an atomic adsorption spectrometer or similar instrument (SSIR #1, method 6G9a and NSSH). Previously reported as meq/100 g which is equivalent to cmol+/kg.	
aloxalatemeasured	Oxalate Al
Ammonium oxalate extractable aluminum is an estimate of the total pedogenic Al, much of which may be in noncrystalline materials or complexed by organic matter. It is reported as gravimetric percent of the <2mm size fraction.	
altotal	Total Al
Total Al is the aluminum measured after total dissolution of a size fraction of soil material. It is stored as mg/kg of the element and reported as mg/kg oxide on the base of the size fraction used.	
pmehlich3	Mehlich 3 P
The phosphorus extracted by the Mehlich III solution.	
ph2osolublemeasured	Water Soluble P
The water soluble phosphorus is the fraction extracted by distilled water. It represents an attempt to approximate the P concentration in the soil solution, i.e. the mobile P.	
poxalatemeasured	Oxalate P
Phosphorus extracted with ammonium oxalate.	
polsenmeasured	Olsen P
The Olsen extractable phosphorus is used as an indicator of available phosphorus in calcareous soil materials (pH >6).	
ptotalmeasured	Total P
Total P is the phosphorus measured after total dissolution of a size fraction of soil material. It is reported as elemental gravimetric percent on the base of the size fraction used.	
nzpretention	NZ Phos Retention
The phosphorous retention capacity, measured as a gravimetric percent, of the soil as determined by the New Zealand P Retention method. The value is reported as percent P retained in the soil.	
dbthirdbar	Db 0.33 bar H2O
The oven dry weight of the less than 2 mm soil material per unit volume of soil at a water tension of 1/3 bar.	
dbovendry	Db oven dry
The oven dry weight of the less than 2 mm soil material per unit volume of soil exclusive of the desiccation cracks, measured on a coated clod.	
aggstabpct	Aggregate Stab %
The gravimetric percent of 0.5mm - 2mm aggregates remaining after wet sieving.	

NASIS 7.3.3 Table Column Descriptions

wtenthbarclod	H2O 1/10 bar clod
The gravimetric percent water retained at 1/10 bar tension. It is measured on natural fabric (clods), and reported on a <2 mm base.	
wtenthbarsieve	H2O 1/10 bar sieve
The gravimetric percent water content of air dry <2 mm samples, after equilibration at 1/10 bar water tension. It is reported on a <2 mm base. In sands, this value approximates field capacity.	
wthirdbarclod	H2O 1/3 bar clod
The gravimetric percent water in natural fabric (clods) after equilibration at 1/3 bar water tension. It is reported on a <2 mm base.	
wthirdbarsieve	H2O 1/3 bar sieve
The gravimetric percent water in sieved <2 mm samples after equilibration at 1/3 bar water tension. It is reported on a <2 mm base.	
wfifteenbar	H2O 15 bar
The gravimetric water content of <2 mm air dry samples after equilibration at 15 bars water tension. It is reported on a <2 mm base. The value is influenced by clay %, mineralogy, and organic carbon %.	
wretentiondiffws	WRD
The volume of water released when the soil is dried from 1/3 bar to 15 bars of water tension. It is reported on a whole soil base as centimeters of water per centimeter depth of soil, but the value is constant for other units.	
wfifteenbartoclay	H2O 15 bar:clay ratio
The ratio of 15 bar H2O percent / clay percent calculated by (W15AD or W15FM)/CLAY_TOT, reported as grams per gram, on a <2 mm base. It provides inferences about clay mineralogy and the effectiveness of dispersion in the particle size analysis.	
adod	ADOD ratio
The ratio of air dry gravimetric percent water over oven dry (105 degrees C) gravimetric percent water. If gypsum is present, this ratio is corrected for crystal water in the gypsum.	
lep	LEP
The linear expression of the volume difference of natural soil fabric at 1/3 or 1/10 bar water content and oven dryness. The volume change is reported as percent change for the whole	
cole	COLE
Coefficient of Linear Extensibility as determined by SSIR51V1-3.5.4	
liquidlimitmeasured	LL - Measured
The measured water content of the soil, expressed on a dry weight basis, at the change between the liquid and plastic states.	
pi	PI
The numerical difference between the liquid limit and plastic limit.	
totalfragvolgt2mm	Total Vol of Fragments Greater Than 2 mm
The best estimate of the total horizon fragment volume, in percent, on a whole soil basis.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	

NASIS 7.3.3 Table Column Descriptions

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

ncsslayerslabdataiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: ncsspedonlabdata
Table Label: NCSS Pedon Lab Data

Column Physical Name	Column Label	Column Description
pedlabsampnum	Pedon Lab Sample #	An identifier for the pedon sample that is assigned by the Kellogg Soil Survey Laboratory. This identifier is used to link the morphological pedon description with the associated measured property values from the laboratory.
peiidref	Correlated Pedon	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
psctopdepth	PSC Top Depth	Depth to the top of the taxonomic particle size control section. (Soil Taxonomy)
pscbotdepth	PSC Bottom Depth	Depth to the bottom of the taxonomic particle size control section. (Soil Taxonomy)
noncarbclaywtavg	Noncarb. Clay % - wt avg	Noncarbonate clay is the soil separate with <0.002 mm particle diameter exclusive of clay size carbonate. The value provided here is reported as the weighted average percent of the <2 mm fraction for the particle size control section.
claytotwtavg	Clay Total % - wt avg	Total clay is the soil separate with <0.002 mm particle diameter. Clay size carbonate is included. The value provided here is reported as the weighted average percent of the <2 mm fraction for the particle size control section.
le0to100	LE 0-100 cm	Linear extensibility is a linear expression of the volume change of natural soil fabric from 1/10 bar water content to oven dryness for sandy soils and from 1/3 bar water content to oven dryness for non-sandy soils. Linear extensibility is calculated by multiplying COLE for each layer by the thickness of that layer and summing the products for all layers to a depth of 100
wf0175wtavgpsc	Wt Fraction 0.1 to 75 mm - wt avg	The gravimetric percentage of 0.1 to 75 mm diameter particles reported as the weighted average percent for the control section, on a <75 mm base.
volfractgt2wtavg	Vol. >2 mm - wt avg	The volumetric percentage of particles 2 mm. or larger reported as a weighted average for the control section.
cec7clayratiowtavg	CEC7 to Clay Ratio - wt avg	This ratio is calculated by CEC7/Clay reported as a weighted average for the control section. It provides an index to clay activity, and allows inferences about clay mineralogy, the contribution of clay to the exchange capacity, and solution chemistry to be made.
labdatasheeturl	Data Sheet URL	The URL link to the lab data sheet that allows the user to get additional analytical results data for this pedon than is included in this table.
ncsspedbiidref	NCSS Pedon NASIS Site	

NASIS 7.3.3 Table Column Descriptions

The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.

grpiidref NASIS Group

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.

objwupdated Object Last Updated

The date and time the corresponding object was last updated.

objuseridref Object Last Updated By

The key of the NASIS user who last updated the corresponding object.

recwupdated Record Last Updated

The date and time the corresponding record was last updated.

recuseridref Record Last Updated By

The key of the NASIS user who last updated the corresponding record.

ncsspedonlabdataiid Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: nestedfreqquadratdetails
 Table Label: Nested Frequency Quadrat Details

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
smallestquadratin	Smallest Quadrat In ?	The identifying subquadrat number of the smallest subquadrat within a quadrat for nested frequency sampling where the referenced species was found. Higher numbers indicate larger sized subquadrats.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
nestedfreqquaddetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: nestedfrequencysummary
 Table Label: Nested Frequency Summary

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
subquadratnumber	Subquadrat #	The identifying number of a subquadrat within a quadrat for nested frequency sampling. Higher numbers indicate larger sized subquadrats.
subquadratsize	Subquadrat Size	The size of the subquadrat represented by the length of one side of the subquadrat, in inches.
subquadrathitcount	# of Subquadrat Hits	For a given species, the number of subquadrats of a particular size where the referenced species was found along the transect.
subquadratspeciesfreq	Species Frequency	For a given species, the percentage of subquadrats of a particular size where the species was found along the transect.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
nestedfreqsummaryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: othvegclass
 Table Label: Other Vegetative Classification

Column Physical Name	Column Label	Column Description
ovegcltypiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
ovegclid	Other Veg Class ID	The identifier of a particular vegetative community other than one of the NRCS forestland or rangeland ecological sites described in the Ecological Site Description System.
ovegclname	Other Veg Class Name	The name of a particular vegetative classification community other than one of the NRCS forestland or rangeland ecological sites described in the Ecological Site Description System.
ovegcldesc	Other Veg Class Description	The narrative definition of a particular vegetative classification community other than one of the NRCS forestland or rangeland ecological sites described in the Ecological Site Description System.
obterm	Obsolete?	Indicates whether a term is obsolete.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
ovegcliid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: othvegclasstype
Table Label: Other Vegetative Classification Type

Column Physical Name	Column Label	Column Description
ovegcltynname	Other Veg Class Type Name	The name of a particular vegetative classification scheme other than that described in the NRCS Ecological Site Description System. An example might be "West Virginia Grassland Suitability Groups."
ovegcltypref	Other Veg Class Type Reference	The reference citation for a particular vegetative classification scheme, typically a publication.
ovegcltypdesc	Other Veg Class Type Description	The narrative definition of a particular vegetative classification type other than one of the NRCS forestland or rangeland ecological types described in the Ecological Site Description System.
ovegcltypdbiidref	Other Veg Class Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
ovegcltypiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: paoccurrence
 Table Label: Plant Area Occurrence

Column Physical Name	Column Label	Column Description
plantiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
areaiidref	Area	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
plantareacomnm	Area Common Name	The most generally accepted common name of a plant.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plantareaociid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pediagfeatures
 Table Label: Pedon Diagnostic Features

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
featdept	Top Depth	The distance from the top of the soil to the upper boundary of the identified diagnostic horizon or to the upper limit of the occurrence of the diagnostic feature.
featdepb	Bottom Depth	The distance from the top of the soil to the base of the identified diagnostic horizon or to the lower limit of the occurrence of the diagnostic feature.
featthick	Thickness	The distance from the upper to lower boundary of the identified diagnostic horizon or feature.
featkind	Kind	Kind of diagnostic horizon or diagnostic feature in the soil.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
pediagfeatiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pedon
Table Label: Pedon

Column Physical Name	Column Label	Column Description
siteobsiidref	Site/Site Observation	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
upedonid	User Pedon ID	A short label to help a user identify a particular pedon.
pedrecorigin	Pedon Record Origin	A label describing the original source of a particular pedon data record, i.e. NSSL, Nebraska, or Saunders County Soil Survey.
descname	Describer's Name	Name of person(s) that described the soil.
taxonname	Current Taxon Name	The name of the taxonomic unit.
localphase	Local Phase	Phase criterion to be used to help uniquely identify soil components or pedons. These are terms such as "drained", "eroded", etc.
taxclname	Current Taxonomic Class	A concatenation of the Soil Taxonomy subgroup and family for a soil (long name).
taxonkind	Current Taxon Kind	Identifies the kind of taxonomic unit described. Examples are series and miscellaneous areas.
pedontype	Pedon Type	Identification of what the description represents in relation to a series, component, etc.
pedonpurpose	Pedon Purpose	The identification of the intended purpose of the profile description.
pedonunit	Pedon #	The consecutive number of the pedon sampled in a particular survey area in a particular year.
labdatadescflag	Certified Lab Pedon Description ?	An indicator of whether or not this pedon record is the one certified for distribution with analytical lab results from the Soil Survey Laboratory and other National Cooperative Soil Survey Laboratories.
relexpsize	Exposure Size	The approximate lateral extent of the soil exposure observed and/or sampled.

NASIS 7.3.3 Table Column Descriptions

relexpuom	Exposure UOM	The unit of measure associated with the relative exposure size column.
earthcovkind1	Cover Kind 1	The natural or artificial material that is observed to cover a portion of the earth's surface. It is determined (at least conceptually) as a vertical projection downward. Level one of a hierarchical system. (1992 NRI Instructions)
earthcovkind2	Cover Kind 2	The description of ground cover based on a set of vegetal and non-vegetal classes. It is determined (at least conceptually) as a vertical projection downward. Level two of a hierarchical system.
erocl	Erosion Class	Class of accelerated erosion. (SSM)
labsourceid	Lab Source ID	Soil characterization laboratory identification value.
pedlabsampnum	Lab Pedon #	An identifier for the pedon sample that is assigned by the Kellogg Soil Survey Laboratory. This identifier is used to link the morphological pedon description with the associated measured property values from the laboratory.
tsectiidref	Transect	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
tsectstopnum	Transect Stop Number	The stop number along the specified transect.
tsectinterval	Transect Interval	The distance between the previous point and the current point in a transect.
rcapointnumber	RaCA Point #	The number of the individual pedon/observation point within the RaCA plot.
soilreplicatenumber	Soil Replicate #	The unique numeric identifier of the pedon/observation point location within a plot.
azimuthfromplotcenter	Azimuth From Plot Center	The azimuth that this pedon/sample location is on from the center or reference point of a plot.
distancefromplotcenter	Distance From Plot Center	The distance this pedon/sample location is from the center or reference point of a plot.
rectangularplotlinenumber	Rectangular Plot Line #	

The number of the line within a rectangular plot on which this pedon/sample location occurs.

distancefrombaseline Distance From Baseline
The distance this pedon/sample location is from the baseline of a square plot.

pedodermclass Pedoderm Class
A description of the type of material that occurs at the air/soil interface.

pedodermcovind Pedoderm Loose Cover Indicator
An indicator of the presence of loose mineral soil material overlying a pedoderm.

biolcrusttypedom Biol. Crust Type Dominant
The dominant type of biological crust observed.

biolcrusttypesec Biol. Crust Type Secondary
The secondary type of biological crust observed.

physcrustsubtype Phys Crust Subtype
A subcategory of physical crust pedoderm class denoting the primary mechanism involved in their formation.

crustdevcl Crust Dev Class
An expression of the strength or degree of development of the crust being described.

rangevegcanopytypedom Range Veg. Canopy Type Dominant
The dominant type of range vegetation present.

rangevegcanopytypesec Range Veg. Canopy Type Secondary
The secondary type of range vegetation present.

forestoverstoryvegtype Forest Overstory Veg. Type
The type of vegetation comprising the forest overstory strata.

forestunderstoryvegtype Forest Understory Veg. Type
The type of vegetation comprising the forest understory strata.

forestgroundcovvegtypedom Forest Groundcover Veg. Type Dominant
The dominant type of vegetation comprising the forest groundcover strata.

forestgroundcovvegtypesec Forest Groundcover Veg. Type Secondary
The secondary type of vegetation comprising the forest groundcover strata.

agronomicfeature Agronomic Feature
The type of agronomic feature present at the sample location.

otherfeaturedescription Other Feature Description
A description of other features that might affect fine-scale variability - e.g. trail, tree-throw, etc.

NASIS 7.3.3 Table Column Descriptions

currentcropname	Current Crop
The name of the most recent or current crop.	
littercoverpct	Litter Cover %
The percent of the soil surface covered by plant litter at the sample point location. This includes all types of plants including crops.	
residuedescription	Residue Description
A narrative description of plant and/or crop residue that is on the site prior to sampling activities.	
pedonhydricrating	Hydric?
An indicator of whether or not the location meets the criteria of a hydric soil.	
pecertstatus	Certification Status
An indicator of the level of review and certification for use that the pedon description data has received.	
peqstatus	QC Status
Designation of the level of quality control review that a pedon and associated laboratory data has undergone.	
peqastatus	QA Status
Designation of the level of quality assurance review that a pedon and associated laboratory data has undergone.	
saspiplengthtot	SAS Pipe Length Total
The total length of the collection tube used for sampling subaqueous soils.	
saspiplengthext	SAS Pipe Length External
The length of the collection tube used for sampling subaqueous soils that extends above the soil surface after insertion of the tube, as measured on the exterior of the tube.	
saspiplengthunfilled	SAS Pipe Length Unfilled
The unfilled length of the collection tube used for sampling subaqueous soils that extends above the soil surface after insertion of the tube, as measured on the interior of the tube.	
sascoresettlement	SAS Core Settlement
The amount of settlement/compaction (also called 'rot') of the subaqueous soil core. Computed by subtracting riser length from unfilled pipe length.	
sascorelength	SAS Core Length
The measured length of the subaqueous soil core.	
sascorestoragesite	SAS Core Storage Site
The location where the subaqueous core is stored.	
sasexposurebegin	SAS Exposure Begin
The clock time that the sample core was opened and exposed to aerobic conditions for description.	
sasexposureend	SAS Exposure End
The clock time that the sample core was closed to aerobic conditions after the description was completed.	

NASIS 7.3.3 Table Column Descriptions

pedbiidref	Pedon NASIS Site
The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.	
grpiidref	NASIS Group
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.	
objwupdated	Object Last Updated
The date and time the corresponding object was last updated.	
objuseriidref	Object Last Updated By
The key of the NASIS user who last updated the corresponding object.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
peiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pedondbcolumnmetadata
 Table Label: Pedon Database Column Metadata

Column Physical Name	Column Label	Column Description
pedondbtableid	Pedon Database Table ID	An integer value that identifies a table in a Pedon database.
pedondbcolumnid	Pedon Database Column ID	An integer value that identifies a column in a Pedon database.
pedondbcolumnsequence	Pedon Database Column Sequence	The sequence of column in its corresponding table in a Pedon database.
pedondbcolumnname	Pedon Database Column Name	The physical name of a column in a Pedon database.
ipdiagmsgcolumnlabel	Import Pedon Diagnostic Message Column Label	The name by which a Pedon database column is referenced in a Pedon Import diagnostic message.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pedondbtablemetadata
 Table Label: Pedon Database Table Metadata

Column Physical Name	Column Label	Column Description
pedondbtableid	Pedon Database Table ID	An integer value that identifies a table in a Pedon database.
pedondbtablename	Pedon Database Table Name	The physical name of a table in a Pedon database.
pedondbobjectname	Pedon Database Object Name	The name of a data object in the pedon database, i.e. either "Site", "Pedon", "Transect" or "Site Association".
ipdiagmsgtablelabel	Import Pedon Diagnostic Message Table Label	The name by which a Pedon database table is referenced in a Pedon Import diagnostic message.
ipdiagmsgsqlstmt	Import Pedon Diagnostic Message SQL Statement	A SQL statement used in the construction of an import pedon diagnostic message for the corresponding table in a Pedon database. The statement returns the User ID and Rec ID of the Site, Transect or Site Association associated with the corresponding table in a Pedon database.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pefmp
Table Label: Pedon Field Measured Property

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
fmpname	Name	The name assigned to an user defined field measured property. To be used when the parameter to be recorded does not already exist elsewhere in the database.
fmptype	Value	The measured or observed value of the specific user defined parameter.
fmunits	Unit of Measure	The unit of measure associated with a particular field measurement.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
pefmpiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pehydricfieldindicator
 Table Label: Pedon Hydric Field Indicator

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
hydricsoilfieldindicator	Hydric Field Indicator	The hydric soil indicator used to make the hydric soil rating determination. Reference: Field Indicators of Hydric Soils, version 7.0.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
pehydricfieldindiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: peinfiltrationch
 Table Label: Pedon Infiltration Constant Head

Column Physical Name	Column Label	Column Description
peinfilsumiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
testdate	Test Date	The date on which the test was conducted.
repnum	Rep #	The unique number assigned to a particular replicate measurement or test within a study.
infiltrationmeasured	Infiltration Rate	An infiltration measurement associated with each drop in water level (in mariotte reservoir) from a single or double ring run during the time interval recorded.
infiltrationringconfig	Ring Configuration	The configuration of rings used to measure infiltration rate in the field.
ringinsertiondepth	Ring Insertion Depth	The depth to which the ring is inserted or driven into the soil.
ringradius	Ring Radius	The inside radius of the ring (inner ring if using double ring configuration).
waterponddepth	Water Ponding Depth	Depth from the top of the soil to the top of the water ponded on top of the soil inside the ring (inner ring if using double ring configuration).
mariottebottleradius	Mariotte Bottle Radius	The inside radius of the mariotte bottle or resevoir.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwlastupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
peinfilconstheadiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: peinfiltrationchdata
 Table Label: Pedon Infiltration Constant Head Data

Column Physical Name	Column Label	Column Description
peinfilconstheadiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
infiltrationrunnum	Run #	The number of an individual infiltration run or reading.
waterdrop	Water Drop	The drop in water measured during a time interval.
deltatime	Delta Time	The elapsed time between readings, reported in decimal minutes.
infiltrationmeasured	Infiltration Rate	An infiltration measurement associated with each drop in water level (in mariotte reservoir) from a single or double ring run during the time interval recorded.
steadystateflag	Steady State ?	An indicator of whether the system has achieved steady state or not. Yes indicates a steady state, and no indicates that steady state has not been achieved yet.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
peinfilchdataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: peinfiltrationfh
Table Label: Pedon Infiltration Falling Head

Column Physical Name	Column Label	Column Description
peinfilsumiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
testdate	Test Date	The date on which the test was conducted.
repnum	Rep #	The unique number assigned to a particular replicate measurement or test within a study.
infiltrationmeasured	Infiltration Rate	An infiltration measurement associated with each drop in water level (in mariotte reservoir) from a single or double ring run during the time interval recorded.
infiltrationringconfig	Ring Configuration	The configuration of rings used to measure infiltration rate in the field.
ringinsertiondepth	Ring Insertion Depth	The depth to which the ring is inserted or driven into the soil.
ringradius	Ring Radius	The inside radius of the ring (inner ring if using double ring configuration).
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
peinfilfallheadiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: peinfiltrationfhdata
Table Label: Pedon Infiltration Falling Head Data

Column Physical Name	Column Label	Column Description
peinfilfallheadiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
infiltrationrunnum	Run #	The number of an individual infiltration run or reading.
deltatime	Delta Time	The elapsed time between readings, reported in decimal minutes.
infiltrationwatervolume	Water Volume	The volume of water added (usually to 2.54 cm or 1 inch depth) to ring (inner-ring if using double ring configuration).
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
pedoninfilfhdataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: peinfiltrationsummary
 Table Label: Pedon Infiltration Summary

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
testdate	Test Date	The date on which the test was conducted.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
infiltrationmean	Infiltration Mean	The arithmetic mean of infiltration rates obtained from the various replications of an infiltration measurement test at a particular location on a particular date.
infiltrationstddev	Infiltration Std. Dev.	The statistical standard deviation of the calculated mean infiltration obtained from the various replications of an infiltration test at a particular location on a particular date.
infiltrationtestmethod	Test Method	The method used to measure infiltration rate.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
pedoninfilsumiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pepenetrationresistance
 Table Label: Pedon Penetration Resistance

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
penetrometerdepth	Depth	The distance from the soil surface at which the penetration resistance measurement was taken.
obssoimoiststat	Observed Moisture State	The relative moisture state of the soil layer at the time of observation.
penetrometertiptype	Tip Type	The type of tip used on the penetrometer take the measurement.
penetrometerspringtype	Spring Type	The type of spring used in the penetrometer to take the measurement.
penetorient	Penetration Orientation	The orientation of the penetrometer rod when inserted into the soil.
penetrometerreading1	Reading 1	The first penetrometer reading taken at the indicated depth.
penetrometerreading2	Reading 2	The second penetrometer reading taken at the indicated depth.
penetrometerreading3	Reading 3	The third penetrometer reading taken at the indicated depth.
penetrometerreading4	Reading 4	The fourth penetrometer reading taken at the indicated depth.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.

NASIS 7.3.3 Table Column Descriptions

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

pepenetrometeriid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: perestrictions
 Table Label: Pedon Restrictions

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
resdept	Top Depth	The distance from the soil surface to the upper boundary of the restrictive layer.
resdepb	Bottom Depth	The distance from the soil surface to the lower boundary of the restrictive layer.
resthk	Thickness	The distance from the top to bottom of a restrictive layer.
reskind	Kind	Type of nearly continuous layer that has one or more physical, chemical, or thermal property(ies) that significantly reduce the movement of water and air through the soil or that otherwise provides an unfavorable root environment.
reshard	Hardness	The rupture resistance of air dried and then submerged block-like specimens of mineral material.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
perestrictiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pesoilstability
Table Label: Pedon Soil Stability

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
soilstabilitydepth	Depth	The distance below the soil surface at which the soil stability measurement was taken.
samplecollector	Sample Collector	The name of the person collecting the samples.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
testdate	Test Date	The date on which the test was conducted.
soilstabilityclass1	Stability Class Rep 1	The first result or replication of the soil stability test for a particular depth.
soilstabilityclass2	Stability Class Rep 2	The second result or replication of the soil stability test for a particular depth.
soilstabilityclass3	Stability Class Rep 3	The third result or replication of the soil stability test for a particular depth.
soilstabilityclasspredom	Stability Class Predominant	The dominant class reflected in the three replications of the soil stability test.
soilhydrophobicind1	Rep 1 Hydrophobic?	An indicator as to whether the sample on which the first replication of the soil stability test at a particular depth is run is hydrophobic.
soilhydrophobicind2	Rep 2 Hydrophobic?	An indicator as to whether the sample on which the second replication of the soil stability test at a particular depth is run is hydrophobic.
soilhydrophobicind3	Rep 3 Hydrophobic?	An indicator as to whether the sample on which the third replication of the soil stability test at a particular depth is run is hydrophobic.

NASIS 7.3.3 Table Column Descriptions

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

pesoilstabilityiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: petaxhistfmmin
 Table Label: Pedon Taxonomic History Family Mineralogy

Column Physical Name	Column Label	Column Description
pedtaxhistoryiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
minorder	Vertical Order	The vertical sequence in which the different mineralogies occurs, when more than one exists for one soil profile. If only one occurs for a soil, i.e. no lithologic discontinuities, no entry is needed.
taxminalogy	Mineralogy	Mineralogy classes are used as family differentiae. They are based on the approximate mineralogical composition of selected size fractions of the same segment of the soil (control section) that is used for application of particle-size classes. (Soil Taxonomy)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
petaxfmminiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: petaxhistmoistcl
 Table Label: Pedon Taxonomic History Moisture Class

Column Physical Name	Column Label	Column Description
pedtaxhistoryiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
taxmoistcl	Moisture Class	Soil moisture classes are unique to the family classification, though not included specifically in the name, this is a mechanism to provide clear identification of the actual moisture regime.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
petaxmciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: petaxhistory
Table Label: Pedon Taxonomic History

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
classdate	Classification Date	The date this particular classification and/or taxon name was assigned.
classtype	Classification Type	The location or type of classification and/or taxon name applied.
classifier	Classifier	The name of the person who assigned this particular classification.
taxonname	Taxon Name	The name of the taxonomic unit.
localphase	Local Phase	Phase criterion to be used to help uniquely identify soil components or pedons. These are terms such as "drained", "eroded", etc.
taxonkind	Taxon Kind	Identifies the kind of taxonomic unit described. Examples are series and miscellaneous areas.
seriesstatus	Series Status	The status assigned to the named series in the Soil Classification database.
taxclname	Taxonomic Class	A concatenation of the Soil Taxonomy subgroup and family for a soil (long name).
taxorder	Order	The highest level in Soil Taxonomy.
taxsuborder	Suborder	The second level of Soil Taxonomy. The suborder is below the order and above the great group.
taxgrtgroup	Great Group	The third level of Soil Taxonomy. The category is below the suborder and above the subgroup.

NASIS 7.3.3 Table Column Descriptions

taxsubgrp	Subgroup
The fourth level of Soil Taxonomy. The subgroup is below great group and above family.	
taxpartsize	Particle Size
Particle-size classes are used as family differentiae. Particle-size refers to grain-size distribution of the whole soil and is not the same as texture. (Soil Taxonomy).	
taxpartsizemod	Particle Size Mod
Taxonomic family criteria that is used to indicate the presence of more than two strongly contrasting classes in the particle size control section. (Soil Taxonomy)	
taxceactcl	CEC Activity Cl
Cation exchange activity classes are used as family criteria differentiae. It is the relative cation exchange (CEC) activity level of the soil based on the CEC to clay ratio. (Soil Taxonomy)	
taxreaction	Reaction
Indicates the presence or absence of carbonates and the reaction. They are treated together because of their intimate relationship, and are used to indicate family differentiae. (Soil Taxonomy)	
taxtempcl	Temp Class
The taxonomic family temperature class used to construct the official classification name. It may be null when the taxonomic family temperature class is embedded in the classification name. The actual taxonomic temperature regime is recorded in another place.	
taxmoistscl	Moist Subclass
Soil moisture subclasses identify soil moisture regime intergrades or extragrades, except for "typic", and are taxonomic subgroup criteria whether included or not in the name of the subgroup. The definition of each subclass is dependent upon the specific taxonomic great group to which it is attached.	
taxtempregime	Temp Regime
Soil temperature regime as defined in Soil Taxonomy.	
taxfamhahatmatcl	HAHT Material Class
Human-altered and human-transported material classes are used as family differentiae. They are intended to provide useful information on the behavior and interpretations for use of soils formed in human-altered or human-transported material (Keys to Soil Taxonomy).	
soiltaxedition	Keys to Taxonomy Edition Used
The edition of Keys to Soil Taxonomy used to classify the soil.	
psctopdepth	PSC Top Depth
Depth to the top of the taxonomic particle size control section. (Soil Taxonomy)	
pscbotdepth	PSC Bottom Depth
Depth to the bottom of the taxonomic particle size control section. (Soil Taxonomy)	
osdtypelocflag	OSD Type Location ?
An indicator of whether or not this pedon record is/was used as the typical pedon for the named series.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	

NASIS 7.3.3 Table Column Descriptions

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

petaxhistoryiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: petext
Table Label: Pedon Text

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
pedontextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
petextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: petxhistfmother
 Table Label: Pedon Taxonomic History Family Other Criteria

Column Physical Name	Column Label	Column Description
pedtaxhistoryiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
taxfamother	Family Other	Soil characteristics other than the defined family characteristics of particle-size classes, mineralogy classes, cation-exchange activity classes, calcareous and reaction classes, and soil temperature classes.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
petaxfoiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phcemagent
 Table Label: Pedon Horizon Cementing Agent

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
ruprescem	Cementing Agent	Any substance that bonds soil particles into hard, brittle masses that persist even when wet.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phcemagentiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phcoledata
 Table Label: Pedon Horizon COLE Data

Column Physical Name	Column Label	Column Description
phlabresultidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
repnum	Rep #	The unique number assigned to a particular replicate measurement or test within a study.
phcolereading	COLE Reading	Coefficient of Linear Extensibility (COLE) value from an individual clod, rod, or soil mold as determined by SSIR51V1-3.5.4.
phcolemethod	COLE Method	The method used to measure COLE - coefficient of linear extensibility.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phcoledataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phcolor
Table Label: Pedon Horizon Color

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
colorpct	Color %	Percent of the soil specimen occupied by a particular color.
colorhue	Hue	A measure of the dominant wavelength of light using Munsel notation system.
colorvalue	Value	A measure of the lightness of soil color relative to neutral gray using the Munsel notation system.
colorchroma	Chroma	A measure of the relative strength of a spectral color using the Munsel notation system.
colorphysst	Phys State	The physical condition or location of the soil sample used to determine soil color.
colormoistst	Moist State	An estimate of the amount of water held within a soil sample in relation to its effect on reflectance of light. Expressed as either moist or dry.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phcoloriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phconccolor
Table Label: Pedon Horizon Concentrations Color

Column Physical Name	Column Label	Column Description
phconciidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
colorpct	Color %	Percent of the soil specimen occupied by a particular color.
colorhue	Hue	A measure of the dominant wavelength of light using Munsel notation system.
colorvalue	Value	A measure of the lightness of soil color relative to neutral gray using the Munsel notation system.
colorchroma	Chroma	A measure of the relative strength of a spectral color using the Munsel notation system.
colormoistst	Moist State	An estimate of the amount of water held within a soil sample in relation to its effect on reflectance of light. Expressed as either moist or dry.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phconccoloriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phconcs
Table Label: Pedon Horizon Concentrations

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
concpct	Percent	The amount (percent) of accumulated or segregated materials present based on the percentage of surface area covered of a broken face specimen sample. The observation is made without rubbing or smoothing the face in any manner.
concsz	Size	The dimension of the concentration, in which the measurement is dependent upon the concentration shape. (SSM)
concntrst	Contrast	The degree of visual distinction that is evident at the interface between the concentration and the surrounding soil. (SSM)
conchardness	Hardness	The degree to which a concentration resists crushing.
concsshape	Shape	A description of the multi-axial shape of the concentration.
conckind	Kind	Any relatively homogeneous accumulation or segregation of substance dissimilar to the surrounding matrix. (SSM) Includes both pedogenic and non-pedogenic substances.
conclocation	Location	Location of the concentration in relation to other morphological soil properties.
concboundary	Boundary	Thickness of the gradation in color between the concentration and adjacent soil color. (SSM)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phconciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be

edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phcracks
 Table Label: Pedon Horizon Cracks

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
crackfreq	Frequency	The average number of cracks, per meter, observed across the soil profile as determined by a line-intercept method. Multiple measurements are taken, then averaged for recording. For surface horizons this is measured on a horizontal plane of the soil surface before disturbing the soil. For subsurface horizons it is measured on a vertical plane of the soil exposure.
crackkind	Kind	The kind of crack being described.
crackdepth	Depth	The average apparent depth, measured in centimeters from the soil surface, to which a surface connected crack extends into the soil as determined by the wire-insertion method (about 2 mm. diameter wire). This method commonly gives a standard but conservative measure of the actual fracture depth. Do not record for cracks that are not open to the soil
crackwidth	Width	The average width of cracks described in the soil horizon or layer, measured in centimeters.
crackextabove	Extends to Horizon Above?	An indicator that the described crack extends from the horizon being described to the horizon above.
crackextbelow	Extends to Horizon Below?	An indicator that the described crack extends from the horizon being described to the horizon below.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phcracksiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phdb
 Table Label: Pedon Horizon Bulk Density

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
bddepthtop	Depth to Top	The depth to the top of the layer from which the bulk density sample was taken.
bddepthbottom	Depth to Bottom	The depth to the bottom of the layer from which the bulk density sample was taken.
bDMETHOD	Method	The method used to obtain the bulk density sample.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
samplevolfieldmoist	Field Moist Volume	The field moist volume of the total sample.
totalsamplewtfm	Field Moist Sample Wt.	The field moist weight of the total sample.
totalsamplewtairdry	Air Dry Sample Wt	The air dry weight of the total sample.
coarsefragwtfm	Field Moist Co. Fragment Wt.	The field moist weight of coarse fragments in the sample.
coarsefragwtairdry	Air Dry Fragment Wt.	The air dry weight of coarse fragments in the sample.
coarsefragdensity	Fragment Density	The particle density of the coarse fragments in the sample.
coarsefragvolmeasured	Coarse Fragment Volume	The field measured volume of coarse fragments in the sample.

NASIS 7.3.3 Table Column Descriptions

subsamplewtairdry	Air Dry Subsample Wt. The air dry weight of the subsample.
subsamplewtod	Oven Dry Subsample Wt. The oven dry weight of the subsample.
obsgrsoimoist	Grav. Soil Moist % Whole Soil The measured amount of water in the soil layer, expressed as a weight percentage.
obsgravsoilmoistfe	Grav. Soil Moist % Fine Earth The measured amount of water in the less than 2 mm fraction of the soil, expressed as a weight percentage.
bdfieldmoistfineearth	Bulk Density FM Fine Earth The oven dry weight of the less than 2 mm soil material per unit field moist volume of soil exclusive of the desiccation cracks.
bdfieldmoistwhole	Bulk Density FM Whole Soil The oven dry weight of the whole soil per field moist unit volume of soil exclusive of the desiccation cracks.
bdoventdrywhole	Bulk Density OD Whole Soil The oven dry weight of the whole soil per unit field oven dry volume of soil exclusive of the desiccation cracks.
bdoventdryfineearth	Bulk Density OD Fine Earth The oven dry weight of the less than 2 mm soil material per unit field oven dry volume of soil exclusive of the desiccation cracks.
bdsatiated	Bulk Density Satiated The oven dry weight of the less than 2 mm soil material per unit volume of soil at a water tension of 0 bar.
recwupdated	Record Last Updated The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By The key of the NASIS user who last updated the corresponding record.
phbulkdensityiid	Rec ID An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phdbcompliantcavity
Table Label: Pedon Horizon Bulk Density Compliant Cavity

Column Physical Name	Column Label	Column Description
phbulkdensityiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
bulkdensitycavitydiameter	Cavity Diameter	The cross-sectional diameter of the compliant cavity frame opening.
bulkdensitycavitylength	Cavity Length	The cross-sectional length of the compliant cavity frame opening.
bulkdensitycavitywidth	Cavity Width	The cross-sectional width of the compliant cavity frame opening.
bulkdensitycavityinitvol	Cavity Initial Volume	The measured or computed volume of the cavity before excavation of the soil sample.
bulkdensitycavityfinalvol	Cavity Final Volume	The measured or computed volume of the cavity after excavation of the soil sample.
cavityavedepthpredig	Cavity Depth Pre Dig	The average distance from a standard reference point on the frame used in the bulk density cavity method to the top of the soil surface prior to any soil excavation.
cavityavedepthpostdig	Cavity Depth Post Dig	The average distance from a standard reference point on the frame used in the bulk density cavity method to the top of the soil surface after soil excavation.
bulkdensitycavitysampvol	Sample Volume	The volume of soil sample removed.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phbulkdenscavityiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phdbcore
Table Label: Pedon Horizon Bulk Density Core

Column Physical Name	Column Label	Column Description
phbulkdensityiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
sampletubelength	Total Tube Length	The overall length of the sample tube used.
unfilledtubelength	Unfilled Tube Length	The average length of tube not filled with soil sample.
coresamplelength	Core Sample Length	The length of the core sample collected.
sampletubediameter	Tube Diameter	The inside diameter of the cutting edge of the sample tube.
coresamplevolume	Core Sample Volume	The computed volume of the soil core sample.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phbulkdencoreiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phdbcorereading
 Table Label: Pedon Horizon Bulk Density Core Reading

Column Physical Name	Column Label	Column Description
phbulkdenscoreiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
bulkdensitytubeheadspace	Unfilled Tube Length	An individual measurement of the length of unfilled sample tube. The average of these values for a particular sample is recorded in the Bulk Density Core table.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phbdcorereadingiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phdbbscoop
 Table Label: Pedon Horizon Bulk Density Scoop

Column Physical Name	Column Label	Column Description
phbulkdensityiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
scooplength	Scoop Length	The length of the scoop used to extract the sample.
scoopwidth	Scoop Width	The width of the scoop used to extract the sample.
scoopdepthtotal	Scoop Depth	The depth of the scoop used to extract the sample.
scoopvolume	Scoop Volume	The total volume of the scoop.
scoopdepthunfilled	Scoop Depth Unfilled	The average depth of the scoop not filled with soil sample.
scoopsamplevolume	Sample Volume	The computed volume of soil material removed.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phbulkdensscoopiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phdbcoopreading
 Table Label: Pedon Horizon Bulk Density Scoop Reading

Column Physical Name	Column Label	Column Description
phbulkdenscoopiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
scoopheadspace	Unfilled Scoop Depth	An individual depth measurement of the unfilled portion of the scoop. The average of these values for a particular sample is recorded in the Pedon Bulk Density Scoop table.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phbulkdenscoopreadiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phdesgnsuffix
 Table Label: Pedon Horizon Designation Suffix

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
desgnsuffix	Suffix	One of the four kinds of symbols, that when concatenated, are used to distinguish different kinds of layers in soils. Letter suffixes are used to designate subordinate distinctions within master horizons, and layers using lowercase letters. (SSM)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phdesgnsfxiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phfeatcolor
Table Label: Pedon Horizon Features Color

Column Physical Name	Column Label	Column Description
phfeatsiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
colorpct	Color %	Percent of the soil specimen occupied by a particular color.
colorhue	Hue	A measure of the dominant wavelength of light using Munsel notation system.
colorvalue	Value	A measure of the lightness of soil color relative to neutral gray using the Munsel notation system.
colorchroma	Chroma	A measure of the relative strength of a spectral color using the Munsel notation system.
colormoistst	Moist State	An estimate of the amount of water held within a soil sample in relation to its effect on reflectance of light. Expressed as either moist or dry.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phfeatcoloriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phfeatures
 Table Label: Pedon Horizon Features

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
horfeatkind	Kind	A descriptive term or phrase used to express differences between the horizon feature and soil matrix.
horfeatvtpct	Total Volume %	The volume percentage of the horizon occupied by a horizon feature.
horfeatlapct	Lateral Area %	Percentage of horizontal cross sectional area occupied by a horizon feature.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phfeatsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phfmp
Table Label: Pedon Horizon Field Measured Property

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
fmpname	Name	The name assigned to an user defined field measured property. To be used when the parameter to be recorded does not already exist elsewhere in the database.
fmpvalue	Value	The measured or observed value of the specific user defined parameter.
fmpunits	Unit of Measure	The unit of measure associated with a particular field measurement.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phfmpiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phfrags
Table Label: Pedon Horizon Fragments

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
fragvol	Vol %	The volume percentage of the horizon occupied by the 2 mm or larger fraction (20 mm or larger for wood fragments), on a whole soil base.
fragweight	Weight %	The weight percentage of the horizon occupied by the 2 mm or larger fraction (20 mm or larger for wood fragments), on a whole soil base.
fragsize	Size	Size based on the multiaxial dimensions of the fragment fraction.
fragkind	Kind	The lithology/composition of the 2 mm or larger fraction of the soil (20 mm or larger for wood fragments).
fragshp	Shape	A description of the overall shape of the fragment.
fraground	Roundness	An expression of the sharpness of edges and corners of fragments. (Sedimentary Rocks, Pettijohn, 1957)
fraghard	Hardness	The hardness of a fragment.
fragestmethod	Estimate Method	The method used to estimate horizon fragment content.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phfragsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phgrcountdata
 Table Label: Pedon Horizon Grain Count Data

Column Physical Name	Column Label	Column Description
phgrcountsumiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
testdate	Test Date	The date on which the test was conducted.
repnum	Rep #	The unique number assigned to a particular replicate measurement or test within a study.
phgrcounttotal	Total Grain Count	The total number of grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountquartz	Quartz	The number of quartz grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountmica	Micaceous	The number of micaceous mineral grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountglass	Glass	The number of glass grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountglasscoated	Glass Coated Minerals	The number of glass coated mineral grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountglassagg	Glass Aggregate	The number of glass aggregate grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountother	Other Minerals	The number of otehr mineral grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phgrcountiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phgrcountsummary
 Table Label: Pedon Horizon Grain Count Summary

Column Physical Name	Column Label	Column Description
phlabresultidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
phgrcountquartz	Quartz	The number of quartz grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountmica	Micaceous	The number of micaceous mineral grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountglass	Glass	The number of glass grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountglasscoated	Glass Coated Minerals	The number of glass coated mineral grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountglassagg	Glass Aggregate	The number of glass aggregate grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
phgrcountother	Other Minerals	The number of otehr mineral grains counted in the sample using method SSIR51V1-7.2.2.1.2 Grain Mounts, Epoxy optical analysis and interpretation
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phgrcountsumiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phhuarts
Table Label: Pedon Horizon Human Artifacts

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
huartvol	Vol %	The volume percentage of the horizon occupied by discrete human artifacts.
huartsize	Size	The size of the described artifact, expressed as a class. If the artifact is nearly uniform, size is measured in the shortest dimension, such as the effective diameter of a cylinder or the thickness of a plate. For elongated or irregular bodies, size refers to the longest dimension unless that creates an erroneous impression, in which case direct measurements for 2 or 3 dimensions can be given if needed.
huartkind	Kind	The type of object or material being described. These were created (or modified) by humans for practical purposes related to activities such as manufacturing, construction, or waste disposal. Examples of artifacts include processed wood products, liquid petroleum products, coal combustion by-products, asphalt, fibers and fabrics, bricks, cinder blocks, concrete, plastic, glass, rubber, paper, cardboard, iron and steel, altered or manufactured metals and minerals, sanitary and medical waste, garbage and landfill waste.
huartco	Cohesion	Cohesion refers to the relative ability of the artifact to remain intact after significant disturbance.
huartshp	Shape	A description of the overall shape of the artifact.
huartrnd	Roundness	An expression of the sharpness of edges and corners of artifacts.
huartpen	Penetrability	The relative ease with which roots can penetrate the artifact and potentially extract any stored moisture, nutrients or toxic elements.
huartsafety	Safety	The degree of risk to humans from contact with these soils. Physical contact with soils containing dangerous or harmful artifacts should be avoided unless proper training and protective clothing is available.
huartper	Persistence	The relative ability of solid artifacts to withstand weathering over time.
recwupdated	Record Last Updated	

NASIS 7.3.3 Table Column Descriptions

The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

phhuartiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phhydrometeranalysis
 Table Label: Pedon Horizon Hydrometer Analysis

Column Physical Name	Column Label	Column Description
phlabresultidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
testdate	Test Date	The date on which the test was conducted.
hydrosamplewt	Sample Weight	Sample weight used while running the Hydrometer Analysis for Routinely Reported Size Fractions (D 422-63 (ASTM, 2008c)) Sodium Hexametaphosphate Dispersible SSIR51V1-3.2.1.2.1.1, reported in grams.
hydroshmpconc	SHMP Concentration	Concentration of the Sodium Hexametaphosphate solution used while running the Hydrometer Analysis for Routinely Reported Size Fractions (D 422-63 (ASTM, 2008c)) Sodium Hexametaphosphate Dispersible. SSIR51V1-3.2.1.2.1.1, reported in grams/milliliter.
hydroblankread	Blank Reading	The hydrometer reading recorded for a sample tube with no soil added.
hydromethod	Method	Hydrometer Analysis method used for Routinely Reported Size Fractions (D 422-63 (ASTM, 2008c)) Sodium Hexametaphosphate Dispersible
obsgrsoimoist	Grav. Soil Moist % Whole Soil	The measured amount of water in the soil layer, expressed as a weight percentage.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phhydromanalsiisid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phhydrometerdata
 Table Label: Pedon Horizon Hydrometer Data

Column Physical Name	Column Label	Column Description
phhydromanalysisiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
hydroreadingnum	Reading #	The sequential number of each hydrometer reading for a particular soil sample.
deltatime	Delta Time	The elapsed time between readings, reported in decimal minutes.
hydrotemp	Temperature	Temperature of the water in the hydrometer jar.
hydroreading	Hydrometer Reading	Hydrometer reading obtained while running the Hydrometer Analysis for Routinely Reported Size Fractions (D 422-63 (ASTM, 2008c)) Sodium Hexametaphosphate Dispersible
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phhydrometerdataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phksatamoozedata
 Table Label: Pedon Horizon Ksat Amoozometer Data

Column Physical Name	Column Label	Column Description
peksatamoozeiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
ksatreadingnum	Reading #	The number of an individual Ksat reading.
waterdrop	Water Drop	The drop in water measured during a time interval.
deltatime	Delta Time	The elapsed time between readings, reported in decimal minutes.
outflowchamberconvfact	Conversion Factor	The conversion factor for the small amoozometer outflow chamber.
sathydcondmeasured	Ksat Measured	A field saturated hydraulic conductivity measurement associated with each drop in water level during the time interval recorded.
steadystateflag	Steady State ?	An indicator of whether the system has achieved steady state or not. Yes indicates a steady state, and no indicates that steady state has not been achieved yet.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
peksatamoozedataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phksatamoozemeter
Table Label: Pedon Horizon Ksat Amoozemeter

Column Physical Name	Column Label	Column Description
phksatsumiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
repnum	Rep #	The unique number assigned to a particular replicate measurement or test within a study.
testdate	Test Date	The date on which the test was conducted.
sathydcondrepmean	Ksat Mean	The average of steady-state saturated hydraulic conductivity measurements obtained from an amoozemeter replicate run.
sathydcondrepstd	Ksat Std. Dev.	The statistical standard deviation of the calculated mean saturated hydraulic conductivity obtained from an amoozemeter replicate run.
sathydcondclass	Ksat Class	The saturated hydraulic conductivity (Ksat)class assigned based on the mean measured Ksat value.
boreholedepth	Borehole Depth	The overall depth of the borehole measured from the soil surface.
boreholeradius	Borehole Radius	The radius of the borehole.
boreholewaterlevelinit	Initial Water Level	The initial water level in the borehole.
boreholewaterlevelfinal	Final Water Level	The final water level in the borehole.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.

NASIS 7.3.3 Table Column Descriptions

phksatamoozemeteriid

Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phksatring
 Table Label: Pedon Horizon Ksat Ring

Column Physical Name	Column Label	Column Description
phksatsumiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
repnum	Rep #	The unique number assigned to a particular replicate measurement or test within a study.
testdate	Test Date	The date on which the test was conducted.
sathydcondrepmean	Ksat Mean	The average of steady-state saturated hydraulic conductivity measurements obtained from an amoozometer replicate run.
sathydcondrepstd	Ksat Std. Dev.	The statistical standard deviation of the calculated mean saturated hydraulic conductivity obtained from an amoozometer replicate run.
sathydcondclass	Ksat Class	The saturated hydraulic conductivity (Ksat) class assigned based on the mean measured Ksat value.
ringconfiguration	Ring Configuration	The configuration of rings used to measure saturated hydraulic conductivity (Ksat) in the field.
ringinsertiondepth	Ring Insertion Depth	The depth to which the ring is inserted or driven into the soil.
ringradius	Ring Radius	The inside radius of the ring (inner ring if using double ring configuration).
waterponddepth	Water Ponding Depth	Depth from the top of the soil to the top of the water ponded on top of the soil inside the ring (inner ring if using double ring configuration).
mariottebottleradius	Mariotte Bottle Radius	The inside radius of the mariotte bottle or resevoir.
texturestructurecat	Texture/Structure Category	An input parameter to the Ksat calculation that indicates the type of soil structure present and texture of the soil material being evaluated.
notes	Notes	Notes describing decisions, issues, or other history related to the record.

NASIS 7.3.3 Table Column Descriptions

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

phksatringiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phksatringdata
 Table Label: Pedon Horizon Ksat Ring Data

Column Physical Name	Column Label	Column Description
peksatringiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
ksatreadingnum	Reading #	The number of an individual Ksat reading.
waterdrop	Water Drop	The drop in water measured during a time interval.
deltatime	Delta Time	The elapsed time between readings, reported in decimal minutes.
sathydcondmeasured	Ksat Measured	A field saturated hydraulic conductivity measurement associated with each drop in water level during the time interval recorded.
steadystateflag	Steady State ?	An indicator of whether the system has achieved steady state or not. Yes indicates a steady state, and no indicates that steady state has not been achieved yet.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
peksatringdataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phksatsummary
 Table Label: Pedon Horizon Ksat Summary

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
testdate	Test Date	The date on which the test was conducted.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
sathydcondmean	Ksat Mean	The arithmetic mean of saturated hydraulic conductivity (Ksat) rates obtained from the various replications of an Ksat measurement test at a particular location on a particular date.
sathydcondstd	Ksat Std Dev	The statistical standard deviation of the calculated mean saturated hydraulic conductivity (Ksat) obtained from the various replications of a Ksat test at a particular location on a particular date.
sathydcondmethod	Test Method	The field method used to measure Ksat - saturated hydraulic conductivity.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
pedonksatsummaryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phlabresults
 Table Label: Pedon Horizon Lab Results

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
sampledepthtop	Top Depth	The depth to the top of the horizon or layer, measured from the soil surface, from which the soil sample was taken.
sampledepthbottom	Bottom Depth	The depth to the bottom of the horizon or layer, measured from the soil surface, from which the soil sample was taken.
sampleid	Sample ID	An identifier label for the soil sample.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
claytotmeasured	Total Clay - Measured	Total clay is the soil separate with <0.002 mm particle diameter. Clay size carbonate is included. Total clay is reported as a gravimetric percent of the <2 mm fraction.
claycarbmeasured	CaCO ₃ Clay - Measured	Carbonate clay is the part of <0.002 mm diameter particles that are composed of carbonates. It is reported as a gravimetric percent of the <2 mm fraction.
silttotmeasured	Total Silt - Measured	Total silt is the soil separate with 0.002 to 0.05 mm particle size. It is reported as a gravimetric percent of the <2 mm fraction.
siltfinmeasured	Fine Silt - Measured	Fine silt is the soil separate with 0.002 to 0.02 mm particle diameter. It is reported as a gravimetric percent of the <2 mm fraction.
siltcomeasured	Co. Silt - Measured	Coarse silt is the soil separate with 0.02 to 0.05 mm particle size. It is reported as a gravimetric percent of the <2 mm fraction.
sandtotmeasured	Total Sand - Measured	Total sand is the soil separate with 0.05 to 2.0 mm particle diameter. It is reported a gravimetric percent of the <2 mm fraction.
sandtotmethod	Total Sand Method	The method used to measure total sand content.

NASIS 7.3.3 Table Column Descriptions

sandvcmeasured	VC Sand - Measured
Very coarse sand is the soil separate with 1.0 to 2.0 mm particle diameter. It is reported as a gravimetric percent of the <2 mm fraction.	
sandcomeasured	Co. Sand - Measured
Coarse sand is the soil separate with 0.5 to 1.0 mm particle diameter. It is reported a gravimetric percent of the <2 mm fraction.	
sandmedmeasured	Med. Sand - Measured
Medium sand is the soil separate with 0.25 to 0.50 mm particle diameter. It is reported as a gravimetric percent of the <2 mm fraction.	
sandfinemeasured	Fine Sand - Measured
Fine sand is the soil separate with 0.10 to 0.25 mm diameter particles. It is reported as a gravimetric percent of the <2 mm fraction.	
sandvfmeasured	VF Sand - Measured
Very fine sand is the soil separate with 0.05 to 0.10 mm particle diameter. It is reported as a gravimetric percent of the <2 mm fraction.	
sandvfmethod	VF Sand Method
The method used to measure very fine sand content.	
textureclfieldlab	Texture Class - Field Lab
An expression, based on the USDA system of particle sizes, for the relative portions of the various size groups of individual mineral grains less than 2mm equivalent diameter in a mass of soil as determined using field laboratory methods.	
fiberrubbedpct	Rubbed Fiber %
The proportion of organic soil material that is composed of fibers, reported as a percent by volume of the less than 20 mm fraction after rubbing between the thumb and fingers.	
fiberunrubbedpct	Unrubbed Fiber % 2
The proportion of organic soil material composed of fibers, reported as a percent by volume of the less than 20 mm fraction before rubbing between thumb and fingers.	
ph1to1h2o	pH 1:1 water
The negative common logarithm of the hydrogen ion activity in the soil using the 1:1 soil-water ratio method. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)	
ph01mcacl2	pH .01M CaCl ₂
The negative common logarithm of the hydrogen ion activity in the soil, using the 0.01M CaCl ₂ method, in a 1:2 soil:solution ratio. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)	
phnaf	pH NaF
The negative common logarithm of the hydrogen ion activity in the soil using the 1N NaF method. It is used as an indicator of andic materials.	
phoxidized	pH Oxidized
The negative common logarithm of the hydrogen ion activity in the soil using the oxidized pH method. It is used as an indicator of the presence of sulfidic materials. This is the final pH measured after several moist/dry cycles when using SSIR51V1-7.1.3.1 Hydrogen Peroxide Test, Delta pH test for Acid Sulfate Soils.	
phdeltah2o2	Delta pH - H ₂ O ₂
The difference in pH obtained using the SSIR51V1-7.1.3.1 Hydrogen Peroxide Test, Delta pH for Acid Sulfate Soils.	

NASIS 7.3.3 Table Column Descriptions

liquidlimitmeasured	LL - Measured
The measured water content of the soil, expressed on a dry weight basis, at the change between the liquid and plastic states.	
plasticlimitmeasured	PL - Measured
The measured water content of the soil, expressed on a dry weight basis, at the change between the semisolid and plastic states.	
pi	PI
The numerical difference between the liquid limit and plastic limit.	
atterbergsampcond	Atterberg Sample Condition
The beginning soil moisture condition of the soil sample used for Atterberg Limit determination (liquid limit, plastic limit, plasticity index).	
cole	COLE
Coefficient of Linear Extensibility as determined by SSIR51V1-3.5.4	
esttotpotacidityetpa	Est. Pot. Acidity - ETPA
Estimated Total Potential Acidity - an estimate of the amount of acidity that may be produced from the oxidation of sulfidic materials. SSIR51V1-7.1.3.2	
camgmeh2	Ca + Mg - Meh 2
Mehlich No. 2 Calcium plus magnesuim content using a 0.0075 N EDTA titration (HACH Co., 1992a)	
potassiummeh2	Potassium - Meh 2
Mehlich No. 2 potassium content using turbidmetric tetraphenyborate (HACH Co., 1992a)	
camgsatpaste	Ca + Mg - Sat. Paste
Calcium plus Magnesium content using the Saturated paste Extraction technique (HACH Co., 1992a); SSIR51V1-4.6.2.1.2 0.0075 N EDTA Titration	
extractaciditykcl	KCl Extract. Acidity
Extractable Acidity using 1N KCl (HACH Co., 1992a)	
basesatmeh2	Base Sat. - Meh 2
Base Saturation by Sum of Mehlich No. 2 Extractable Bases plus 1 N KCl extractable acidity (HACH Co., 1992a)	
cec7	CEC-7
The amount of readily exchangeable cations that can be electrically adsorbed to negative charges in the soil, soil constituent, or other material, at pH 7.0, as estimated by the ammonium acetate method. Previously reported as meq/100 g which is equivalent to cmol+/kg.	
cec82	CEC-8.2
The sum of cations computed by summing KCl-TEA, pH 8.2, extractable bases and KCl-TEA, pH 8.2, extractable acidity. Ref. SSIR 51-4.1.5.1.1. The CEC value produced is approximately equivalent to the CEC measured in the SSL using NH4-acetate pH 7.0.	
ecec	ECEC
The sum of NH4OAc extractable bases plus KCl extractable aluminum. Previously reported as meq/100 g which is equivalent to cmol+/kg.	
phosphatephos	Phosphate Phosphorous
Phosphate phosphorus content using ascorbic acid method (HACH Co., 1992b)	

NASIS 7.3.3 Table Column Descriptions

nitratennitrogen	NO3-N	Nitrate-Nitrogen content by Calcium-Sulfate Extraction using the Cadmium-Reduction Method (HACH Co. 1992b)
ecmeasured	EC	The electrical conductivity of an extract from saturated soil paste using the pocket-type or hand-held electrical conductivity meter.
ecdeterminemeth	EC Method	The method used to measure the electrical conductivity of the soil.
ec15	EC 1:5 by volume	The electrical conductivity of an extract from a 1:5 volumetric dilution of soil to water.
caco3equivmeasured	CaCO3 Equiv. Measured	The quantity of Carbonate (CO3) in the soil expressed as CaCO3 and as a weight percentage of the less than 2 mm size fraction. Calcium Carbonate equivalent measured using a volume calcimeter (Holmgren 1973).
gypsumequiv	Equiv. Gypsum	The weight percent of gypsum and other water-soluble minerals in the soil as measured using SSIR51V1-4.5.4.1 Equivalent Gypsum Content, Semiquantitative.
sodium	Sodium	Sodium content using the Saturated Paste and the Ion Electrode (HACH Co., 1999-2000)
sar	SAR	A measure of the amount of Sodium (Na) relative to Calcium (Ca) and Magnesium (Mg) in the water extract from saturated soil paste. (Soil Survey Staff (2004, method 4F3b)
gypsumreq	Gypsum Req.	The amount of gypsum needed to replace exchangeable sodium as determined by Gypsum Requirement and Exchangeable Sodium using the Saturated Calcium Sulfate Extraction method (HACH (1992a)); SSIR51V1-4.6.4.2.1-2.
humiccolor	Humic Color	Humic Color using the 4 N HCl treatment and the AMP Buffer Hardness Solution. The color is obtained by comparing a solution to a set of reference standards. The units are Liter-platinum color units per gram.
fulviccolor	Fulvic Color	Fulvic Color using the 4 N HCl treatment and the AMP Buffer Hardness Solution. The color is obtained by comparing a solution to a set of reference standards. The units are Liter-platinum color units per gram.
humicfulviccolor	Humic+Fulvic Color	Humic-Fulvic Color using the NHCl treatment and the AMP Buffer Hardness Solution; SSIR51V1-4.7.1.1. The color is obtained by comparing a solution to a set of reference standards. The units are Liter-platinum color units per gram.
alummeasured	Aluminum	Aluminum content determined from the 4 N Potassium Hydroxide Extraction Method; SSIR51V1-4.7.2.1
pyrophoshue	Pyrophosphate Hue	

NASIS 7.3.3 Table Column Descriptions

The Munsell color hue resulting from the pyrophosphate test which is an indication of of the decompositon state of the organic materials.

pyrophosvalue Pyrophosphate Value

The Munsell color value resulting from the pyrophosphate test which is an indication of of the decompositon state of the organic materials.

pyrophoschroma Pyrophosphate Chroma

The Munsell color chroma resulting from the pyrophosphate test which is an indication of of the decompositon state of the organic materials.

melanicindex Melanic Index

The melanic index is related to the ratio of the humic and fulvic acids in the organic fraction of the soil. The index is used to distinguish humified organic matter thought to result from large amounts of gramineous vegetation from humified organic matter formed from forest vegetation. The melanic index is calculated as the absorbance of the extracting solution at wavelength 450 nm over the absorbance at wavelength 520 nm.

recwupdated Record Last Updated

The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By

The key of the NASIS user who last updated the corresponding record.

phlabresultiid Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phmottles
 Table Label: Pedon Horizon Mottles

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
mottlepct	Percent	Percent of soil horizon the mottle occupies.
mottlesize	Size	The specified range in dimensions of a mottle as seen on a plane surface.
mottlecnrst	Contrast	The degree of visual distinction that is evident at the interface between the mottle and the surrounding soil. (SSM)
colorhue	Hue	A measure of the dominant wavelength of light using Munsel notation system.
colorvalue	Value	A measure of the lightness of soil color relative to neutral gray using the Munsel notation system.
colorchroma	Chroma	A measure of the relative strength of a spectral color using the Munsel notation system.
mottleshape	Shape	The shape of a mottle.
colormoistst	Moist State	An estimate of the amount of water held within a soil sample in relation to its effect on reflectance of light. Expressed as either moist or dry.
mottleloc	Location - obsolete	The location of the mottle being described within the soil horizon.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.

NASIS 7.3.3 Table Column Descriptions

phmottlesiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phorizon
Table Label: Pedon Horizon

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
hzdept	Top Depth	The distance from the top of the soil to the upper boundary of the soil horizon.
hzdepb	Bottom Depth	The distance from the top of the soil to the base of the soil horizon.
hzthk	Thickness	A measurement from the top to bottom of a soil horizon throughout its areal extent.
obsmethod	Observation Method	Method of making the exposure for observation.
hzname	Designation	The concatenation of three kinds of symbols (four data elements) used in various combinations to designate layers within the soil. (SSM)
desgndisc	Disc	One of four kinds of symbols, when concatenated, are used to distinguish different kinds of layers in soils. A discontinuity is a significant change in particle-size distribution or mineralogy that indicates a difference in the material from which the horizons formed and/or a significant difference in age, unless that difference in age is indicated by the suffix "b".
desgnmaster	Master	One of four kinds of symbols, that when concatenated, are used to distinguish different kinds of layers in soils. Master horizons and layers are the base symbols to which other characters are added to complete the designations. Capital letters, virgules (/), the word 'and', and carets (^) are used. (SSM)
desgnmasterprime	Prime	A character used to indicate that this horizon has an identical horizon designation as some overlying horizon. The two horizons in question are separated by at least one other horizon.
desgnvert	Sub	One of the four kinds of symbols, when concatenated, are used to distinguish different kinds of layers in soils. Vertical subdivisions are used to subdivide a horizon or layer designated by a single letter or combination of letters.
texture	Tex Mod & Class	Name for the concatenation of TEXTURE_MODIFIER and TEXTURE_CLASS.

NASIS 7.3.3 Table Column Descriptions

stratextsflag	Stratified?
A Boolean flag that when set (Y) indicates that the textures that comprise a particular texture group, are stratified.	
claytotest	Est Clay %
Mineral particles less than 0.002mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction, estimated at the time of sampling or description.	
claycarbest	Carbonate Clay - Est.
The field estimated percent carbonate clay content.	
silttotest	Est Silt %
Mineral particles 0.002 to 0.05mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction, estimated at the time of sampling or description.	
sandtotest	Est Sand %
Mineral particles 0.05mm to 2.0mm in equivalent diameter as a weight percentage of the less than 2 mm fraction, estimated at the time of sampling or description.	
fragvoltot	Total Fragment Volume
The total volume percentage of the horizon occupied by the 2 mm or larger fraction (20 mm or larger for wood fragments), on a whole soil base.	
horcolorvflag	Variegated Colors?
An indicator as to whether the described colors are variegated (mixed) or not.	
obssoimoiststat	Observed Moisture State
The relative moisture state of the soil layer at the time of observation.	
rupresblkmst	Rupture Moist
The rupture resistance of a block-shaped specimen of 25 to 30 mm size and moist water state. (SSM)	
rupresblkdry	Rupture Dry
The rupture resistance of a block-shaped specimen of 25 to 30 mm size and dry water state. (SSM)	
rupresblkcem	Rupture Cement
The rupture resistance of a block-like specimen of 25 to 30 mm size that has been air dried and then submerged in water. (SSM)	
rupresplate	Rupture Plate
The rupture resistance of an air dry plate-shaped specimen of specified size. (SSM)	
mannerfailure	Manner of Failure
The manner in which soil specimens fail under increasing force. (SSM)	
stickiness	Stickiness
The maximum capacity of thoroughly puddled soil to adhere to other objects.	
plasticity	Plasticity
The degree to which a puddled, wet soil mass is permanently deformed without rupturing by a slow continuous application of force in any direction. (SSM)	
toughclass	Tough Class

NASIS 7.3.3 Table Column Descriptions

The relative force necessary to deform a puddled soil mass near the plastic limit.

penetrrres Penetration Resistance

The capacity of an undisturbed soil mass to resist penetration by a rigid object.

penetorient Penetration Orientation

The orientation of the penetrometer rod when inserted into the soil.

ksatpedon Ksat

The calculated average of field measured saturated hydraulic conductivity. Describes the ability of soil (porous media) to transmit water when the soil is saturated.

ksatstddev Ksat Std Dev

The statistical standard deviation of the calculated mean saturated hydraulic conductivity value, using the individual measurements taken for a particular soil horizon.

ksatrepnum Ksat Rep #

The number of measurements made, at the same time and location used to reduce sampling error. These individual measurements are used to calculate the mean saturated hydraulic conductivity for the soil horizon.

horzpermclass Permeability Class

The amount of water that would move vertically through a unit area of saturated soil in unit time under unit hydraulic gradient. Expressed as a class for one horizon.

obsinfiltrationrate Infiltration Rate

The measured infiltration rate reported in cm/hour.

phfield Field pH

The negative common logarithm, of the hydrogen ion activity in the soil at field moisture conditions using field test methods. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM) This is also the initial pH that should be used when performing SSIR51V1-7.1.3 the Hydrogen Peroxide Test, Delta pH for Acid Sulfate Soils.

phdetermeth pH Method

The kind and/or method used to measure pH of the soil.

effclass Efferv Class

General terms used to describe the degree of effervescence of soil material when tested for carbonates in the field.

efflocation Efferv Loc - obsolete

Location of the carbonates in the soil matrix in respect to morphological soil properties.

effagent Efferv Agent

The chemical reagent used to test for carbonates in the field.

carbdevstagefe Carbonate Dev Stage - FE

The stage of development of pedogenic carbonates in the fine earth matrix.

carbdevstagecf Carbonate Dev Stage - CF

The stage of development of pedogenic carbonates in the coarse fragment matrix.

NASIS 7.3.3 Table Column Descriptions

mneffclass	MN Efferv Class
General terms used to describe the degree of effervescence of soil material when tested for manganese oxides in the field.	
mneffagent	MN Efferv Agent
The chemical reagent used to test for manganese oxides in the field.	
reactadipyridyl	A-A Dipyridyl Reaction
A chemical test used on a freshly broken field moist sample to infer the presence of aquic conditions at the time of sampling. A positive reaction (reddish color change) indicates the presence of reduced iron (Fe II). A negative reaction (no color change) indicates reduced iron is not present.	
dipyridylpct	A-A Dipyridyl Percent
The percent of the area of a particular feature with a positive reaction to Alpha-Alpha Dipyridyl.	
dipyridylloc	A-A Dipyridyl Location
The location of the Alpha-Alpha Dipyridyl test in relation to morphological features.	
excavdifcl	Excav Diff
An estimation of the difficulty of working an excavation into soil layers, horizons, pedons, or geologic layers. In most instances, excavation difficulty is related to and controlled by a water state.	
soilodor	Odor
The type of odor detected in a soil horizon.	
soilodorintensity	Odor Intensity
An indication of the relative strength of the observed soil odor.	
rmonosulfidep	Reduced Monosulfide Presence
An indicator of the presence of reduced monosulfides in the soil as indicated by a soil color change within 10 seconds following the addition of 3 percent hydrogen peroxide (H2O2) solution. The color change is usually an increase in value by 2 or more units.	
bounddistinct	Boundary Distinctness
Thickness of the interface between adjacent soil horizons. (SSM)	
boundtopo	Boundary Topography
Horizontal shape of the interface between adjacent soil horizons. (SSM)	
horzvoltotpct	Total Volume %
The total volume percentage of the horizon in the pedon.	
horzlatareapct	Lateral Area %
Percentage of horizontal cross sectional area of the pedon occupied by a horizon.	
dspcomplayerid	Comp Layer ID
An arbitrary alpha and/or numeric label assigned to this horizon to indicate which horizons should be combined for analysis and data aggregation purposes.	
aashtocl	AASHTO

NASIS 7.3.3 Table Column Descriptions

A rating based on a system that classifies soils according to those properties that affect roadway construction and maintenance. Soils are classified into seven basic groups plus eight subgroups, for a total of fifteen for mineral soils. Another class for organic soils is used. The groups are based on determinations of particle-size distribution, liquid limit, and plasticity index. The group classification, including group index, is useful in determining the relative quality of the soil material for use in earthwork structures, particularly embankments, subgrades, subbases, and bases. (American Association of State Highway and Transportation Officials)

unifiedcl Unified

A system for classifying mineral and organo-mineral soils for engineering purposes based on particle size characteristics, liquid limit, and plasticity index.

recwlastupdated Record Last Updated

The date and time the corresponding record was last updated.

recuseridref Record Last Updated By

The key of the NASIS user who last updated the corresponding record.

phiid Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phpores
Table Label: Pedon Horizon Pores

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
poreqty	Quantity	The number of a selected size of pores per unit area of undisturbed soils.
poreqtyclass	Quantity Class	The quantity of pores present, expressed as a class.
poresize	Size	The average diameter of a pore. (SSM)
porecont	Continuity	Average vertical distance through which the minimum diameter of the pore exceeds 0.5mm when the soil layer is moist or wetter.
poreshp	Shape	A description of the multiaxial shape of the pore.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phporesiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phpvsf
Table Label: Pedon Horizon Ped Void Surface Features

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
pvsfpct	Percent	Percent of the total surface area occupied by a ped surface feature over the extent of the horizon. (SSM)
pvsfkind	Kind	A descriptive term or phrase used to express differences between the ped surface and soil matrix.
pvsfdistinct	Distinctness	The ease and degree of certainty with which a ped surface feature can be identified. (SSM)
pvsfcont	Continuity (Obsolete)	A characterization of the areal extent of the feature.
pvsflocation	Location	The kind of surface on which coats are observed.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phpvsfiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phpvsfcolor
 Table Label: Pedon Horizon Ped Void Surface Features Color

Column Physical Name	Column Label	Column Description
phpvsiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
colorpct	Color %	Percent of the soil specimen occupied by a particular color.
colorhue	Hue	A measure of the dominant wavelength of light using Munsel notation system.
colorvalue	Value	A measure of the lightness of soil color relative to neutral gray using the Munsel notation system.
colorchroma	Chroma	A measure of the relative strength of a spectral color using the Munsel notation system.
colormoistst	Moist State	An estimate of the amount of water held within a soil sample in relation to its effect on reflectance of light. Expressed as either moist or dry.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phpvsfcoloriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phrdxfeatures
 Table Label: Pedon Horizon Redoximorphic Features

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
rdxfeatpct	Percent	The amount of accumulated or segregated materials.
rdxfeatsize	Size	The dimension of the redox feature, in which the measurement is dependent upon the redox feature shape. (SSM)
rdxfeatcntrst	Contrast	The degree of visual distinction that is evident at the interface between the redox feature and the surrounding soil. (SSM)
rdxfeathardness	Hardness	The degree to which a redox feature resists crushing.
rdxfeatshape	Shape	A description of the multiaxial shape of the redox feature.
rdxfeatkind	Kind	Any relatively homogeneous accumulation or segregation of substance dissimilar to the surrounding matrix. (SSM)
rdxfeatlocation	Location	Location of the redox feature in relation to other morphological soil properties.
rdxfeatboundary	Boundary	Thickness of the gradation in color between the redox feature and adjacent soil color. (SSM)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phrdxfiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phredoxcolor
 Table Label: Pedon Horizon Redoximorphic Features Color

Column Physical Name	Column Label	Column Description
phrdxfiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
colorpct	Color %	Percent of the soil specimen occupied by a particular color.
colorhue	Hue	A measure of the dominant wavelength of light using Munsel notation system.
colorvalue	Value	A measure of the lightness of soil color relative to neutral gray using the Munsel notation system.
colorchroma	Chroma	A measure of the relative strength of a spectral color using the Munsel notation system.
colormoistst	Moist State	An estimate of the amount of water held within a soil sample in relation to its effect on reflectance of light. Expressed as either moist or dry.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phrdxfcoloriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phroots
 Table Label: Pedon Horizon Roots

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
rootsquantity	Quantity	The number of the selected size of roots per unit area. (SSM)
rootsquantityclass	Quantity Class	The quantity of roots present, expressed as a class.
rootssize	Size	The average diameter of a cross section of roots. (SSM)
rootslocation	Location	The position within a soil horizon where roots occur described in reference to other features.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phrootsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phsample
Table Label: Pedon Horizon Sample

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
labsampnum	Lab Sample #	The internal laboratory sample number for the horizon. Constructed by the two digit fiscal year * 10000 + consecutive sample number in that year.
fldsampid	Field Sample ID	The sample ID for the soil sample assigned at the time of sampling in the field by the person doing the sampling. This value should be whatever identifying label that is put on the tag of the sample bag in the field at the time of sampling.
layerdepthtop	Depth to Top	The depth from the top of the soil to the top of the sampled layer. Most commonly this depth is the same as the depth to the top of the horizon. Could be the same as the depth to the top of the horizon, but does not need to be.
layerdepthbottom	Depth to Bottom	The depth from the top of the soil to the bottom of the sampled layer. Most commonly this depth is the same as the depth to the bottom of the horizon. Could be the same as the depth to the bottom of the horizon, but does not need to be.
numberofbulksampbags	Number of Bulk Sample Bags	The number of bulk sample bags that have been sent to the laboratory corresponding to a particular layer. When soils have a large number of rock fragments, or contain high organic matter content it is sometimes necessary to send in multiple bags of soil to get enough soil that is less than 2 mm for the appropriate analysis to be performed. This number helps the laboratory verify that they have received all of the sample bags for a particular sample and that they are accounted for.
numberofbulkdensityclods	Number of Bulk Density Clods	The number of bulk density clods refers to the actual number of clods sent to the laboratory for a single sampled layer.
numberofnaturalfabricclods	Number of Natural Fabric Clods	The number of natural fabric clods refers to the actual number of clods sent to the laboratory for a single sampled layer.
numberofothersamples	Number of Other samples	The number of other samples refers to the actual number of other sample types such as compliant cavity or cores that are associated with a specific layer.
wt20to76mmdiscardedfragments	Weight of 20 to 76 mm Discarded Fragments	The Weight in KG of the less than 20 to 75 mm fraction less any tare weight.
wtlt20mm	Weight Less Than 20 mm	

NASIS 7.3.3 Table Column Descriptions

The Weight in KG of the less than 20 mm fraction less any tare weight.

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

phlabsampiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phstructure
Table Label: Pedon Horizon Soil Structure

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
structgrade	Grade	The distinctness of the peds described in terms of ease of separation into discrete units.
structsize	Size	Measurement of the smallest dimension of the selected secondary particles, units, or peds.
structtype	Type	The multiaxial shape of secondary particles, units, or peds.
structid	Structure ID	A row ID assigned by a user to identify a particular row in a table.
structpartsto	Parts to Structure ID	Field to indicate if the previous record parts to the current record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phstructureiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phtext
Table Label: Pedon Horizon Text

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
phorizontextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phtextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phtexture
Table Label: Pedon Horizon Texture

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
texcl	Texture	An expression, based on the USDA system of particle sizes, for the relative portions of the various size groups of individual mineral grains less than 2mm equivalent diameter in a mass of soil.
lieutex	In Lieu	Substitute terms applied to materials that do not fit into a textural class because of organic matter content, size, rupture resistance, solubility, or another reason.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phtiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phtexturemod
 Table Label: Pedon Horizon Texture Modifier

Column Physical Name	Column Label	Column Description
phtiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
texmod	Modifier	A term used to denote the presence of a condition or component other than sand, silt, or clay.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phtexmodiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phvnirscan
 Table Label: Pedon Horizon VNIR Scan

Column Physical Name	Column Label	Column Description
phiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
vnirdepthtop	Depth to Top	The depth below the soil surface to the top of the layer from which the sample was taken.
vnirdepthbottom	Depth to Bottom	The depth below the soil surface to the bottom of the layer from which the sample was taken.
vnirsamplecondition	Sample Condition	The condition or preparation of the soil sample.
vnirlightsource	Light Source	The source of light used for the VNIR scan of a sample.
vnirscandate	VNIR Scan Date	The date of the VNIR scan.
vnirfilename	VNIR File Name	The file name assigned to the VNIR scan associated with this layer.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phvnirscaniid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phvnirscanrawdata
 Table Label: Pedon Horizon VNIR Scan Raw Data

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

phvnirscaniidref Lineage
 An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

vnirdata VNIR Data
 The actual binary file from the VNIR spectrometer.

phvnirscanrawdataiid Rec ID
 An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: phvnirscanresult
Table Label: Pedon Horizon VNIR Scan Result

Column Physical Name	Column Label	Column Description
phvnirscaniidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
vnirmodelid	VNIR Model ID	The identifier of the computer model used to generate the associated soil property value estimate.
vnirmodelrundate	Date	The date the VNIR data file was run through the model to generate the associated soil property value estimate.
carbontotalpct	Total Carbon %	The percent of total carbon in the sample on a gravimetric percent basis, predicted by VNIR scanning.
carboninorganicpct	Inorganic Carbon %	The percent of inorganic carbon in the sample on a gravimetric percent basis, predicted by VNIR scanning.
carbonorganicpct	Organic Carbon %	The percent of organic carbon in the sample on a gravimetric percent basis, computed by difference of total carbon and inorganic carbon.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
phvnirscanresultiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plant
Table Label: Plant

Column Physical Name	Column Label	Column Description
plantsym	Plant Symbol	A unique symbol used to identify a plant genus or a plant species. (The PLANTS Database, USDA-NRCS, National Plant Data Center)
plantsciname	Scientific Name	The full genus and species name as listed in The PLANTS Database, USDA-NRCS, National Plant Data Center.
plantnatvern	National Vernacular Name	The most generally accepted common name of a plant.
plantgenus	Genus Name	The genus name of a plant as listed in The PLANTS Database, USDA-NRCS, National Plant Data Center.
plantspecies	Species Name	The species name of a plant as listed in The PLANTS Database, USDA-NRCS, National Plant Data Center.
plantsubspecies	Subspecies Name	The subspecies name of a plant as listed in The PLANTS Database, USDA-NRCS, National Plant Data Center.
plantvariety	Variety Name	The variety name of a plant as listed in The PLANTS Database, USDA-NRCS, National Plant Data Center.
obterm	Obsolete?	Indicates whether a term is obsolete.
plantdbiidref	Plant NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.

NASIS 7.3.3 Table Column Descriptions

recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
plantiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plantprodquadratdetails
 Table Label: Plant Production Quadrat Details

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
quadratclippedindicator	Quadrat Clipped ?	An indicator as to whether the plants in a quadrat were clipped and weighed or not.
specieswtairdry	Species Wt. Air-dry	The air dry weight of the particular plant species in a particular quadrat.
specieswtclipped	Species Wt. Clipped	The clipped weight of the particular plant species in a particular quadrat.
specieswtestimated	Species Wt. Estimated	The estimated weight of the particular plant species in a particular quadrat, computed as "# of weight units" multiplied by "weight unit weight".
speciestraceamtflag	Trace Amount ?	A yes/no indicator that a 'trace' amount of a species exists. A 'trace' is defined as 'less than a measureable amount'.
weightunitcount	# of Weight Units	The number of weight units of a particular species estimated to exist within a quadrat.
speciescancovpct	Species Canopy Cover %	The estimated canopy cover percent of a species.
speciescancovclass	Species Canopy Cover Class	The estimated canopy cover class of a species.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.

NASIS 7.3.3 Table Column Descriptions

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

plantprodquaddetailsiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plantsyn
Table Label: Plant Synonym

Column Physical Name	Column Label	Column Description
plantiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
plantiidref2	Accepted Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plantsyniid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plotdisturbance
Table Label: Plot Disturbance

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
disturbancetype	Disturbance Type	The kind of disturbance that has occurred on the plot.
disturbancefrequency	Frequency	The frequency that a particular disturbance type has occurred on the plot.
disturbanceimpact	Disturbance Impact	The degree of impact caused by a particular disturbance type.
disturbancelastapplied	When Last Applied ?	An indication of the length of time since a disturbance was last occurred on the plot.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plotdisturbanceiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plotgrazinguse
Table Label: Plot Grazing Use

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
animalkind	Animal Kind	The kind of grazing animal(s) that has been using the area where the plot exists.
usefrequency	Frequency of Use	The frequency that the specified kind of animal grazes the area.
seasonofuse	Season of Use	The season(s) of the year that the area where the plot exists is grazed by the identified kind of animal.
stockingratecl	Stocking Rate	The estimated number of animals, expressed as a class, of a particular kind that are using the area per unit area.
akgrazingplantgroup	AK Grazing Plant Group	AK Grazing Plant Group is a state specific attribute that captures the Plant Group types being grazed/browsed in AK SITE databases. It is used to describe the general plant group type being grazed/browsed on the plot. Proposed to be added to the Plot_Grazing_Use table as a choice field.
akgrazingimpact	AK Grazing Impact	The impact of grazing/browsing frequency on a site.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plotgrazinguseiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plotmainforeststanddetails
Table Label: Main Forest Stand Details

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
distancefromprevious	Distance From Previous Point	The distance of the tree being measured from the previous tree along the zig-zag transect. For the first tree encountered along the transect, it is the distance from the starting point of the transect.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
treediameterbreastheight	Tree DBH	The diameter of measured tree at breast height, typically 4.5 feet above ground level.
treeconditions	Tree Condition	The overall condition of the tree.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plotmainforstanddetailiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plotplantinventory
Table Label: Plot Plant Inventory

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
planttypegroup	Plant Type Group	The designation of a plant type group being inventoried by lifeform.
akstratumcoverclass	AK Stratum Cover Class	General life form and horizontal layer (cover class) added to accommodate the STRATUMcv class attribute in AK SITE.
planheightcllowerlimit	Height Class Lower Limit	The lower height limit of the plant height class being described.
planheightclupperlimit	Height Class Upper Limit	The upper height limit of the plant height class being described.
plantnativity	Plant Nativity	The nativity of the plant species.
sociabilityclass	Sociability Class	An indication of how individual plants of a species exist within the sample area in relation to one another.
livecanopyhtbottom	Live Canopy Ht. Bottom	Height of the bottom of the dominant canopy layer. For those plants with height to canopy bottom of less than 1 foot, it is permissible to record the height to tenths of a foot.
livecanopyhttop	Live Canopy Ht. Top	Height of the top of the dominant canopy layer. For those plants with height to canopy top of less than 1 foot, it is permissible to record the height to tenths of a foot.
overstorydbhmin	Overstory DBH Minimum	The lower end of the range of diameter at breast height (DBH) for trees > 15 feet in height of a particular species in the overstory stratum.
overstorydbhmax	Overstory DBH Maximum	

NASIS 7.3.3 Table Column Descriptions

The upper end of the range of diameter at breast height (DBH) for trees > 15 feet in height of a particular species in the overstory stratum.

speciescancovpct	Canopy Cover % The estimated canopy cover percent of a species.
speciescancovclass	Canopy Cover Class The estimated canopy cover class of a species.
speciestraceamtflag	Spp Trace Amt Flag A yes/no indicator that a 'trace' amount of a species exists. A 'trace' is defined as 'less than a measureable amount'.
speciesbasalarea	Basal Area The total basal area measured of a particular species.
understorygrcovpct	Understory Ground Cover % The percentage of the total ground cover of each understory species within the plot.
understorygrcovclass	Understory Ground Cover Class A class representing the proportion of the total ground cover of each understory species within the plot.
seedlingdensityclass	Seedling Density Class A class indicating the density of seedling plants of a species per unit area.
maturedensityclass	Mature Density Class A class indicating the density of mature plants of a species per unit area.
vegetationstratalevel	Vegetation Strata Level Identifies which strata or level of the vegetation canopy the particular referenced plant is a part of.
orderofdominance	Order of Dominance A numeric indicator of the dominance of the particular plant within the total plant community; 1 being most dominant.
outsideplotindicator	Observed Outside Plot ? An indicator that a particular plant was observed on the site, but acutally outside the vegetation inventory plot.
estannualprod	Estimated Annual Prod. The estimated annual air-dry production of a particular species within the sample plot.
esdannualprod	ESD Annual Prod. The annual air_dry production of a particular species as shown in the respective Ecological Site Description.
allowableannualprod	Allowable Prod. The allowable annual air-dry production of a particular species within the sample plot.
palatableannualprod	Palatable Prod. The palatable annual air-dry production of a particular species within the sample plot.

NASIS 7.3.3 Table Column Descriptions

akfunctionalgroup	AK Functional Group General life form and horizontal layer (cover class) added to accommodate the STRATUMcv class attribute in AK SITE.
akstratumcoverclasspct	AK Stratum Cover Class Pct The ALASKA STRATUM COVER CLASS Cover in percent. It is proposed to be put in the Plot_Plant_Inventory table as a state (AK) specific attribute.
recwupdated	Record Last Updated The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By The key of the NASIS user who last updated the corresponding record.
plotplantinventoryiid	Rec ID An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plotplanttypecanopycover
Table Label: Plot Plant Type Canopy Cover

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
planttypegroup	Plant Type Group	The designation of a plant type group being inventoried by lifeform.
planheightcllowerlimit	Height Class Lower Limit	The lower height limit of the plant height class being described.
planheightclupperlimit	Height Class Upper Limit	The upper height limit of the plant height class being described.
planttypecancovpct	Canopy Cover %	The percent canopy cover of each plant type group within the plot.
planttypecancovclass	Canopy Cover Class	The percent canopy cover of each plant type group within the plot, expressed as a class.
cancovassessmethod	Assessment Method	The method used to determine canopy cover.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plotplanttypecancoviid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plotsamplingprotocolused
 Table Label: Plot Sampling Protocol Used

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
plotsampprotocolname	Protocol Name	The name(s) of the sampling protocol used in the plot-level vegetation inventory.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
datarecorder	Data Recorder	The name of the person that recorded the data.
samplingintensity	Sampling Intensity	The intensity of the sampling done with a particular sampling protocol.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plotsampprotocolusediid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plotspeciesbasalarea
 Table Label: Plot Species Basal Area

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
basalareafactor	Basal Area Factor	The conversion factor used to compute total basal area for the site. The value chosen is dependent upon the tool used in the field.
speciesnumbertreesin	# of Trees In	The number of individual trees of a species in the plot that were counted during basal area measument for a particular basal area factor.
speciesbasalarea	Species Basal Area	The total basal area measured of a particular species.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plotspeciebasalareaiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: **plottreeinventory**
 Table Label: **Plot Tree Inventory**

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
speciestreecount	# of Trees	The total number of trees counted of a particular species.
speciescomp_pct	Composition %	The percentage of a particular species in the plant community within the plot.
speciesdbhaverage	DBH Average	The average diameter at breast height (DBH) of the identified species.
speciesbasalarea	Species Basal Area	The total basal area measured of a particular species.
plottreeinventoryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plottreescounted
Table Label: Plot Trees Counted

Column Physical Name	Column Label	Column Description
plottreeinventoryiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
dbhclassmidpoint	DBH Class Midpoint	The midpoint value of the DBH size class inventoried, expressed as an even integer in inches.
dbhclassspeciestreecount	# of Trees	The total number of trees counted of a particular species within a DBH class within the plot.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plottreescountediid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plottreesiteindexdetails
Table Label: Plot Tree Site Index Details

Column Physical Name	Column Label	Column Description
plottreesiteindsumiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
treenumber	Tree #	The number assigned to a particular measured tree.
crownclass	Crown Class	Indicates whether the measured tree is dominant or codominant in the stand.
reproductionsource	Reproduction Source	How a particular tree was initiated, or method of regeneration.
treediameterbreastheight	Tree DBH	The diameter of measured tree at breast height, typically 4.5 feet above ground level.
tenyeargrowthradius	10 Yr. Growth Radius	Radius of the last 10 growth rings of a particular tree to the nearest 0.1 inch.
growthringcount	Growth Ring Count	Total number of growth rings counted. Growth rings are counted (typically) using increment borer or stumps.
growthringcountheight	Growth Ring Count Height	Height above the ground where ring count was done. Typically at DBH (4.5 feet) but can be stumps or other height.
growthringcountage	Growth Ring Count Age	Number of years for the measured tree to reach the ring count height.
treeage	Tree Age	Total age of a particular tree, in years.
treecanopyhtbottom	Canopy Ht. Bottom	The height to the bottom of the canopy of a particular tree being inventoried.
treecanopyhttop	Canopy Ht. Top	The height to the top of the canopy of a particular tree being inventoried. Synonymous with 'tree height'.

NASIS 7.3.3 Table Column Descriptions

aknoringsinlastinch AK Number of Rings in Last Inch

The number of rings in the last inch of a specific tree's diameter can be used to provide an estimate of the tree's growth rate over the last X years. This is helpful when evaluating a tree's and by extension, a stand's production potential. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.

akcrownclass Alaska Crown Class

Same as the attribute known as Crown Class, but specifically used for Alaska data.

recwupdated Record Last Updated

The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By

The key of the NASIS user who last updated the corresponding record.

plottreesiteinddetailsiid Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: plottreesiteindexsummary
 Table Label: Plot Tree Site Index Summary

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
plantnativity	Plant Nativity	The nativity of the plant species.
siteindexbase	Site Index Base	The number in the National Register of Site Index Curves corresponding to the site index curve used to determine the site index and the annual productivity of forest overstory tree
speciestreecount	# of Trees	The total number of trees counted of a particular species.
siteindexplotave	Average Site Index	Average of all site index measurements for a species within the plot.
speciesdbhaverage	DBH Average	The average diameter at breast height (DBH) of the identified species.
treeageave	Average Tree Age	The average age of measured trees of a species within the plot, in years.
treecanopyhttopave	Average Canopy Top Ht.	The average height to the top of the canopy of measured trees of a species. Synonymous with 'tree height'.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plottreesiteindsumiid	Rec ID	

NASIS 7.3.3 Table Column Descriptions

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: **plottreesummary**
 Table Label: **Plot Tree Summary**

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
dbhclassmidpoint	DBH Class Midpoint	The midpoint value of the DBH size class inventoried, expressed as an even integer in inches.
dbhclasstreecount	# of Trees	The total number of trees counted of all species within a particular DBH class within the plot.
dbhclassbasalarea	DBH Class Basal Area	The total basal area measured for a DBH class within the plot.
dbhclasstreedensity	DBH Class Tree Density	The computed number of trees per acre within the plot for a particular DBH class size.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
plottreesummaryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: pointplantcoverdetails
 Table Label: Point Plant Cover Details

Column Physical Name	Column Label	Column Description
vegtransplantsummiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
livecanopyhtbottom	Live Canopy Ht. Bottom	Height of the bottom of the dominant canopy layer. For those plants with height to canopy bottom of less than 1 foot, it is permissible to record the height to tenths of a foot.
livecanopyhttop	Live Canopy Ht. Top	Height of the top of the dominant canopy layer. For those plants with height to canopy top of less than 1 foot, it is permissible to record the height to tenths of a foot.
canopycoverpresent	Canopy Cover Present ?	A yes/no indicator as to whether or not, a point along the transect is covered by the vertical projection of the outermost perimeter of the natural spread of foliage of the particular plant species. Small openings within the canopy are included.
foliarcoverpresent	Foliar Cover Present ?	A yes/no indicator as to whether or not, a point along the transect is covered by the vertical projection of the aerial portions of the particular plant species. Small openings in the canopy are excluded.
basalcoverpresent	Basal Cover Present ?	A yes/no indicator as to whether or not, a point along the transect is occupied by the basal portion of the particular plant species.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
pointplantcovdetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: project
Table Label: Project

Column Physical Name	Column Label	Column Description
uprojectid	User Project Id	A short label to help a user identify a particular project.
projectname	Project Name	The name of the project.
projectdesc	Description	A narrative description of the corresponding project.
projectapprovedflag	Approved?	An indicator as to whether a given project is approved or not.
projecttypeiidref	Project Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
mlrassoareaiidref	MLRA Soil Survey Office Area	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
mlrassoareatypeiidref	MLRA Soil Survey Office Area Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
nonmlrassaareaiidref	Non-MLRA Soil Survey Area	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
nonmlrassaareatypeiidref	Non-MLRA Soil Survey Area Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
stateresponsible	State Responsible	The state that is responsible for the project being defined.
editorsite	English Edit Site	

NASIS 7.3.3 Table Column Descriptions

The location of the editor responsible for processing of manuscript for this survey area.

compfundyr Compilation Funding Year

The fiscal year in which the compilation job for a particular soil survey is funded, expressed as year only - i.e. 1998.

dmfsite Digital Map Finishing Site

The digital map finishing site to which maps for this survey are assigned for work.

mapfinishmeth Map Finish Method

The method used for the map finishing job of a particular soil survey.

ssurgoinitiative SSURGO Initiative?

Indicates whether or not a particular soil survey is designated as part of the SSURGO Digitizing Initiative.

digfundyr Digitizing Funding Year

The fiscal year in which digitizing and certification for a particular soil survey is funded, expressed as year only (e.g. 2000).

digunit Digitizing Unit

The digitizing business unit designated to digitize and perform the digitizing certification review for a particular soil survey.

projectdbiidref Project NASIS Site

The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.

griidref NASIS Group

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the `_iid_ref` is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.

objwupdated Object Last Updated

The date and time the corresponding object was last updated.

objuseridref Object Last Updated By

The key of the NASIS user who last updated the corresponding object.

recwupdated Record Last Updated

The date and time the corresponding record was last updated.

recuseridref Record Last Updated By

The key of the NASIS user who last updated the corresponding record.

projectiid Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectconcern
 Table Label: Project Concern Need

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
projectconcerntypeidref	Project Concern Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectconcerniid	Rec Id	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectconcerntype
Table Label: Project Concern Type

Column Physical Name	Column Label	Column Description
projectconcerntypename	Project Concern Type Name	The type of resource concerns that are associated with the work in the project.
projectconcerntypedesc	Project Concern Description	A brief narrative description of a particular resource concern.
obterm	Obsolete?	Indicates whether a term is obsolete.
projectconcerntypedbiidref	Project Concern Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectconcerntypeiid	Rec Id	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectcorrelation
 Table Label: Project Correlation

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
corrtype	Correlation Type	The type of correlation event that produced the associated document.
corramendnum	Amendment Number	The identifier number of the associated Correlation Amendment.
corrdoc	Correlation Document	The text of the particular correlation document or amendment.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectcorrelationiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectdataneed
Table Label: Project Data Need

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
projectdatatypeiidref	Project Data Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
projectimageryscale	Project Imagery Scale	The map scale in which analog map products are needed, expressed as the denominator of the scale, i.e. 24000 = 1:24000.
dateneeded	Date Needed	The date that an identified data layer or product is needed for a particular project, expressed as month, year (e.g. 10/2000).
dateordered	Date Ordered	The date that an identified data layer or product is actually ordered by NCGC for a particular project, expressed as month, year (e.g. 04/2000).
datereceived	Date Received	The date that an identified data layer or product for a particular project is actually received in the state, expressed as month, year (e.g. 09/2000).
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectdataneediid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectdatatype
Table Label: Project Data Type

Column Physical Name	Column Label	Column Description
projectdatatypepname	Project Data Type Name	The type of data layer or imagery product needed. The resolution of digital data or scale of imagery is part of the name provided - e.g. "DEM, 30-meter" or "Orthophotoquads - 1:12K".
projectdatatypepedesc	Project Data Type Description	A brief narrative description of a particular data layer or imagery product.
obterm	Obsolete?	Indicates whether a term is obsolete.
projectdatatypepedbiidref	Project Data Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectdatatypepeiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectecologicalsite
Table Label: Project Ecological Site

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
ecositeiidref	Ecological Site	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectecologicalsiteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectfieldreview
 Table Label: Project Field Review

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
corevent	Correlation Event	The activity or event during which the documented correlation decision was made.
reviewdoc	Review Document	The text of the particular field review document.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectfieldreviewiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectlandcatbreakdown
 Table Label: Project Land Category Breakdown

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
projectlandcategory	Land Category	A particular category of land by which acres in a soil survey area are reported.
projectlandcategoryacres	Land Category Acres	The extent of the portion of the soil survey area of a particular land category, in acres.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectlandcatbrkdniid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectmappinggoal
Table Label: Project Mapping Goal

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
fiscalyear	Fiscal Year	The designation of the referenced federal fiscal year (i.e. 1998), running October 1 through September 30.
projectstaffiidref	Project Staff Member	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
initnracsresg	Initial NRCS Acres Goal	The Initial Acres mapping goal of NRCS personnel, for a particular fiscal year. Initial Acres have not been previously reported.
initcoopacresg	Initial Cooperator Acres Goal	The Initial Acres mapping goal of NCSS cooperators, for a particular fiscal year. Initial Acres have not previously been reported.
updnracsresg	Update NRCS Acres Goal	The Update/Maintenance Acres mapping goal of NRCS personnel, for a particular fiscal year. Update/Maintenance Acres have previously been reported as Initial Acres or Update/Maintenance Acres.
updtcoopacresg	Update Cooperator Acres Goal	The Update/Maintenance Acres mapping goal of NCSS cooperators, for a particular fiscal year. Update/Maintenance Acres have previously been reported as Initial Acres or as Update/Maintenance Acres.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectmappinggoalid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectmappingprogress
 Table Label: Project Mapping Progress

Column Physical Name	Column Label	Column Description
projectlandcatbrkdniidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
progrptdate	Progress Reporting Date	The ending date of the period for which mapping progress is recorded, expressed as month, day, year—xx/xx/xxxx.
initnracs	Initial NRCS Acres	The actual number of Initial Acres mapped by NRCS personnel, in a particular period. Initial Acres have not been previously reported.
initcoopacs	Initial Cooperator Acres	The actual number of Initial Acres mapped by NCSS cooperator personnel, in a particular period. Initial Acres have not previously been reported.
updnracs	Update NRCS Acres	The actual number of Update/Maintenance Acres mapped by NRCS personnel, in a particular period. Update/Maintenance Acres have previously been reported as Initial Acres or as Update/Maintenance Acres.
updtcoopacs	Update Cooperator Acres	The actual number of Update/Maintenance Acres mapped by NCSS cooperator personnel, in a particular period. Update/Maintenance Acres have previously been reported as Initial Acres or as Update/Maintenance Acres.
projectstaffiidref	Project Staff Member	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
projectiidref	Project	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.

NASIS 7.3.3 Table Column Descriptions

projectmappingprogressiid

Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectmapunit
Table Label: Project Mapunit

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
muiidref	Mapunit	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectmapunitiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectmilestone
Table Label: Project Milestone

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
milestonetypeiidref	Milestone Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
milestonedesc	Milestone Description	A narrative description of a particular milestone.
scheduledstartdate	Scheduled Start Date	The date the item is scheduled to be started, reported as mm/yyyy.
scheduledcompletiondate	Scheduled Completion Date	The date the item is scheduled to be completed, reported as mm/yyyy.
milestonedatestarted	Milestone Date Started	The date the milestone was actually started, reported as mm/yyyy.
milestonedatecompleted	Milestone Date Completed	The date the milestone was actually completed, reported as mm/yyyy.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectmilestoneiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectmilestoneprogress
Table Label: Project Milestone Progress

Column Physical Name	Column Label	Column Description
projectmilestoneiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
fiscalyear	Fiscal Year	The designation of the referenced federal fiscal year (i.e. 1998), running October 1 through September 30.
milestoneprogressamount	Milestone Progress Amount	The number of items identified in the associated milestone completed during the fiscal year.
milestoneprogressunit	Milestone Progress Unit	The unit of measure for the particular milestone.
projectstaffiidref	Project Staff Member	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
projectiidref	Project	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectmilestoneprogressiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectproduct
Table Label: Project Product

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
prodtype	Product Type	A particular type of final product in which the information for a soil survey area is distributed.
proddesc	Product Description	A short, description of a particular soil survey area product. A product might be either an interim product of one of a number of potential end products.
prodsch	Scheduled Delivery	The date on which a soil survey area product is scheduled to be delivered, expressed as month, day, year—xx/xx/xxxx.
ptextform	Product Text Formatted	The date on which the product text is typeset and ready to be proofread, expressed as month, day, year—xx/xx/xxxx.
ptextproof	Product Text Proofed	The date on which the typeset and proofread product text is sent for final revisions, expressed as month, day, year—xx/xx/xxxx.
ptextcomplete	Product Text Completed	The date on which the final revisions have been made to the product text and the product text in its final form prior to being sent for publication, expressed as month, day, year—xx/xx/xxxx.
ptextsubmit	Product Text Submitted	The date on which the final product text is actually submitted for publication, expressed as month, day, year—xx/xx/xxxx.
proddel	Actual Delivery	The date on which a soil survey area product is actually delivered, expressed as month, day, year—xx/xx/xxxx.
prodastat	Availability Status	Indicates whether or not a particular soil survey area product is still available or in print.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.

NASIS 7.3.3 Table Column Descriptions

projectproductiid

Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projectstaff
Table Label: Project Staff

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
projectstaffuseriidref	Project Staff Member	The key of the NASIS user who is a member of the corresponding project staff.
projectleaderflag	Project Leader?	An indicator as to whether this project staff member is the project leader.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectstaffiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projecttext
Table Label: Project Text

Column Physical Name	Column Label	Column Description
projectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
projecttextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projecttextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: projecttype
Table Label: Project Type

Column Physical Name	Column Label	Column Description
projecttypename	Project Type Name	The name of the type of project or activity.
projecttypedesc	Description	A brief narrative description of project type or activity.
obterm	Obsolete?	Indicates whether a term is obsolete.
projecttypedbiidref	Project Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
projectypeiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: property
Table Label: Property

Column Physical Name	Column Label	Column Description
seqnum	Seq	Sequential number of the feature being described.
propname	Property Name	A property, or virtual data element, is a derived value that is not recorded in the database. A property can have high, low and representative values, but a single script can only calculate one property. A property calculation cannot be used for either validation or storage results, but can be used as an intermediate step in calculations, interpretations or reports. A property definition looks a lot like a data element definition, but it does not reside in the standard data dictionary element table because properties are created by users.
propdesc	Description	A narrative text definition of a property (derived or virtual data element).
propdatatype	Data Type	A code that specifies the physical data type of a property (derived or virtual data element).
prop	Property	A script defining a property's derivation procedure.
propmod	Modality	A specification of the behavior of a property describing whether single or multiple values are returned by the property.
propuom	Units	The units of measure in which a property is recorded, if any.
propmin	Minimum	Minimum allowable value for a property.
propmax	Maximum	Maximum allowable value for a property.
propdefval	Default Value	The value returned for the property if the property is otherwise null.
dataafuse	Ready to use?	Indicates whether or not an object is approved for use.
propdbiidref	Property NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as

NASIS 7.3.3 Table Column Descriptions

part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.

objwupdated Object Last Updated
The date and time the corresponding object was last updated.

objuseriidref Object Last Updated By
The key of the NASIS user who last updated the corresponding object.

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

propiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: propertytext
Table Label: Property Text

Column Physical Name	Column Label	Column Description
propiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
textkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
proptextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: query
Table Label: Query

Column Physical Name	Column Label	Column Description
seqnum	Seq	Sequential number of the feature being described.
qryname	Query Name	User specified name of a particular query.
qrydesc	Description	A narrative description of a particular query.
query	Query	The operative specification portion of a particular query. The syntax of this specification is expressed in the NASIS query language.
dataafuse	Ready to use?	Indicates whether or not an object is approved for use.
qrydbiidref	Query NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpriidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the <code>_iid_ref</code> is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
qryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: queryfavorites
Table Label: Query Favorites

Column Physical Name	Column Label	Column Description
useridref	NASIS User	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
qryiidref	Query	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
queryfavoriteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: querytext
Table Label: Query Text

Column Physical Name	Column Label	Column Description
qryiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
textkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
qrytextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: relationshipmaster
Table Label: Relationship Master

Column Physical Name	Column Label	Column Description
indexiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
depindexiidref	Dependency Index	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
sysiidref	System	An integer number that uniquely identifies a database or information system repository in a particular database.
relationshipname	Relationship Name	A name given to a relationship between two tables in a relational database. If there is more than one relationship between the same two tables, the name of each of those relationships must be unique.
deletefail	Fail on Delete?	A Boolean value that indicates if the delete rule for the corresponding relationship is "fail". If the delete rule is not "fail", it is assumed to be "cascade".
cardinality	Cardinality	Indicates whether the relationship between the left table and right table is one to one or one to many. For a one to one relationship, a record in the left table is related to zero or one record in the right table. For a one to many relationship, a record in the left table is related to zero or more records in the right table. Cardinality does not indicate whether or not the relationship is mandatory.
mandatory	Mandatory?	Indicates if in order for a record to exist in the right table of a relationship, a corresponding record must exist in the left table of that relationship, i.e. mandatory = "yes". In other words, when mandatory is "no", a record may exist in the right table of a relationship without having a corresponding record in the left table of that relationship.
inhierarchy	In Hierarchy?	When InHierarchy is set, the two tables involved in the corresponding relationship are considered to be part of the same hierarchy. A hierarchy is a graph with a single root node where no branches ever converge. In a data model, a table may be a member of one and only one hierarchy. For the NASIS data model, MetadataTableCollection records all hierarchies that are defined. Other data models, like the one for the Staging Server, includes hierarchies but no table collections.
favoritechild	Favorite Child?	A Boolean value that indicates if the right table in a relationship corresponds to the left table's "favorite child". When visiting the "children" of a table, the "favorite child" is the default table that will be visited when no explicit child table is specified.
loadfindrelated	Traverse?	A Boolean value that indicates whether or not Load Related and Find Related are enabled for the corresponding relationship.

NASIS 7.3.3 Table Column Descriptions

paste	Allow Paste?
A Boolean value that indicates if records can be created in the "right" table of a relationship by copying and "pasting" records from the "left" table in that relationship. In other words, new records are pasted into the "right" table of a relationship, where the only columns populated either correspond to columns that also exist in the left table of that relationship, or columns that have a default value.	
constraintdeferrable	Constraint Deferrable?
A Boolean value that indicates if the corresponding constraint can be deferred.	
foreignkeyconstraintname	Foreign Key Constraint Name
The foreign key constraint name associated with the corresponding relationship.	
relationshipid	Relationship ID
An integer value that uniquely identifies a relationship between two tables in the NASIS-style metadata.	
orgper	Originating Person
No description available.	
conper	Contact Person
No description available.	
pendact	Pending Action
No description available.	
pendstat	Pending Status
No description available.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
relationshipiid	Relationship
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: relationshipmasterhist
 Table Label: Relationship Master History

Column Physical Name	Column Label	Column Description
relationshipiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
relationshipnoteiid	Rec ID	No description available.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: replicationparameter
 Table Label: Replication Parameter

Column Physical Name	Column Label	Column Description
----------------------	--------------	--------------------

dblastrefreshedtimestamp	Database Last Refreshed Timestamp	The date and time when the unlocked NASIS objects in a client NASIS database were last refreshed.
lockuseridref	Lock NASIS User	The primary key of the NASIS user who has one or more NASIS object instances in a client NASIS database locked. At any point in time, only one NASIS user may have one or more NASIS object instances locked.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: report
Table Label: Report

Column Physical Name	Column Label	Column Description
seqnum	Seq	Sequential number of the feature being described.
rptname	Report Name	User specified name of a particular report.
rptdesc	Description	A narrative description of a particular report.
rptfmt	Report Format	Report output format, html, xml, text, etc.
report	Report	The operative specification portion of a particular report. The syntax of this specification is expressed in the NASIS report language.
dataafuse	Ready to use?	Indicates whether or not an object is approved for use.
rptdbiidref	Report NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
rptiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be

edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: reportcolumn
Table Label: Report Column

Column Physical Name	Column Label	Column Description
rptiidref	Report	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
tabphynm	Table Physical Name	The physical (SQL) name of a database table.
colphynm	Column Physical Name	The physical (SQL) name of a column.
reportcolumniid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: reportfavorites
Table Label: Report Favorites

Column Physical Name	Column Label	Column Description
useriidref	NASIS User	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
rptiidref	Report	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
reportfavoriteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: reporttext
Table Label: Report Text

Column Physical Name	Column Label	Column Description
rptiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
textkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
rpttextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: rule
Table Label: Rule

Column Physical Name	Column Label	Column Description
seqnum	Seq	Sequential number of the feature being described.
rulename	Rule Name	A user assigned name (typically connotative) for a rule.
ruledesc	Description	A narrative text definition of a rule.
rule	Rule	The specification of one or (optionally) more evaluations, other rules, or both that define an interpretive statement.
primaryinterp	Primary Interpretation?	Indicates if a rule corresponds to what we think of as a primary interpretation (rating or estimation of suitability for an intended use) as opposed to a sub-part of an interpretation (reason or description why a soil is not suitable for an intended use).
ruledesign	Rule Design	An indicator of the design scheme of the rule. The entry provides an indication of which end of the fuzzy value range, 0 or 1, represents the most limiting features. Most interpretive rules are designed such that the most limiting features are those with a fuzzy value closest to 1. However, interpretive rules that are designed to evaluate the favorable features of a soil, such as the suitability as a gravel source, may be written such that the most limiting features are those with a fuzzy value closest to 0.
notratedphrase	Not Rated Phrase	The rating class name that should be returned when a fuzzy logic soil interpretation cannot be derived due to missing data. The default value for this string is "Not rated", but NASIS permits the designer of an interpretation to change this default.
dataafuse	Ready to use?	Indicates whether or not an object is approved for use.
ruledbiidref	Rule NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpbiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	

NASIS 7.3.3 Table Column Descriptions

The key of the NASIS user who last updated the corresponding object.

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

ruleiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: ruleevalcomp
 Table Label: Rule Evaluation Component

Column Physical Name	Column Label	Column Description
ruleiidref	Rule	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
evaliidref	Evaluation	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
ruleeciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: ruleratingclass
Table Label: Rule Rating Class

Column Physical Name	Column Label	Column Description
ruleiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
ratingclassname	Rating Class Name	The name of one of the rating classes for the corresponding fuzzy logic soil interpretation rule.
ratingclassupperboundary	Rating Class Upper Boundary	The inclusive rating value upper boundary of the corresponding rating class.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
ruleratingclassiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: rulerulecomp
Table Label: Rule Rule Component

Column Physical Name	Column Label	Column Description
ruleiidref	Rule	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
ruleiidref2	Subrule	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
rulerciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: ruletext
Table Label: Rule Text

Column Physical Name	Column Label	Column Description
ruleiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
textkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
ruletextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: site
Table Label: Site

Column Physical Name	Column Label	Column Description
usiteid	User Site ID	A short label to help a user identify a particular site.
stateareaiidref	State FIPS	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
stateareatypeiiref	State	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
countyareaiidref	County Name	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
countyareatypeiiref	County	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
mlraareaiidref	MLRA Symbol	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
mlraareatypeiiref	MLRA	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
rcasiteid	RaCA Site ID	The unique identifier assigned to this site/plot by the project organizers.
rcasoilgroupid	RaCA Soil Group ID	The identifier assigned to the soil grouping that this site/plot belongs with.
dspplotid	DSP Plot ID	The identifier of the Dynamic Soil Property plot; assigned as part of the project plan.

NASIS 7.3.3 Table Column Descriptions

sampleplotconfiguration	Plot Configuration
The arrangement or shape of the sampled plot.	
plotbaselineazimuth	Plot Baseline Azimuth
The direction that the baseline of a rectangular plot is oriented, reported in degrees.	
plotbaselinelength	Plot Baseline Length
The length of the baseline of a rectangular plot, reported in meters.	
plotwidth	Plot Width
The width of a rectangular plot, reported in meters.	
plotradius	Plot Radius
The radius of a circular shaped plot, reported in meters.	
plottrianglesidelength	Triangle Plot Side Length
The length of the side of a triangular sample plot, reported in meters.	
plotchainmaxwidth	Chain Plot Max. Width
The maximum width of a chain plot, reported in meters.	
plotchainmaxlength	Chain Plot Max. Length
The maximum length of a chain plot, reported in meters.	
plotoffsetazimuth	Plot Offset Azimuth
For a plot that has been moved from its original intended location, this is the direction from the original point that the new center of a circular plot or corner of a rectangular plot is moved, reported in degrees.	
plotoffsetdistance	Plot Offset Distance
For a plot that has been moved from its original intended location, this is the distance from the original point that the new center of a circular plot or corner of a rectangular plot is moved, reported in meters.	
plotcreator	Plot/Site Set Up By
The name of the person(s) that set up the plot and laid out its sampling arrangement.	
recorder	Plot or Site Recorder
The name of the person that recorded information pertaining to this site.	
latdegrees	Lat. Degrees
Latitude in degrees. (Snyder, J.P., 1982, Map Projections Used by the USGS)	
latminutes	Lat. Minutes
Latitude in minutes. (Snyder, J.P., 1982, Map Projections Used by the USGS)	
latseconds	Lat. Seconds

NASIS 7.3.3 Table Column Descriptions

Latitude in seconds and decimal seconds. (Snyder, J.P., 1982, Map Projections Used by the USGS)

latdir Lat. Direction
Latitude position north or south of the equator. (Snyder, J.P., 1982, Map Projections Used by the USGS)

longdegrees Long. Degrees
Longitude in degrees. (Snyder, J.P., 1982, Map Projections Used by the USGS)

longminutes Long. Minutes
Longitude minutes. (Snyder, J.P., 1982, Map Projections Used by the USGS)

longseconds Long. Seconds
Longitude in seconds and decimal seconds. (Snyder, J.P., 1982, Map Projections Used by USGS)

longdir Long. Direction
Longitude east or west of Greenwich (the Prime Meridian or origin). (Snyder, J.P., 1982, Map Projections Used by the USGS)

horizdatnm Datum Name
The identification given to the reference system used for defining the coordinates of points. (Content Standards for Spatial Metadata, FGDC, 3/31/94 draft). This entry applies to both lat/long and UTM coordinates.

locdesc Location Description
A description of the geographic location in terms that are not from a location system. This may include reference to cultural or natural features, or other features that can only be used by one visiting the location.

plsssdetails PLSS Section Details
Detail about the location within the specified section to locate the site. This is based on a reference to one of the corners of the section, and distance and direction to locate the site within the section. (Man. of Instr. for Survey of Public Lands of US, 1947).

plsssection PLSS Section
The numeric identifier of a subdivision of a township quadrangle, normally 1 square mile with 36 sections per township (Man. of Instr. for Survey of Public Lands of US, 1947).

plss township PLSS Township
The unit of survey, normally a quadrangle 6 miles on a side. When used in conjunction with "range" to indicate the coordinates of a particular township quadrangle. (Man. of Instr. for Survey of Public Lands of US, 1947).

plssrange PLSS Range
The reference to a township quadrangle, when used in conjunction with township. (Man. of Instr. for Survey of Public Lands of US, 1947)

plssmeridian PLSS Meridian
The designated identifier of a line along an astronomical meridian that establishes the reference for township boundaries. This is part of the Public Land Survey System (PLSS) which includes meridian, township, range, and section. (Man. of Instr. for Survey of Public Lands of US, 1947.)

utmzone UTM Zone
Zones of the Universal Transverse Mercator projection system bounded by meridians, the longitudes are multiples of 6 degrees. Zones are numbered from 1 to 60 proceeding east from the 180th meridian from Greenwich, England.

NASIS 7.3.3 Table Column Descriptions

utmnorthing	UTM Northing
The distance, in meters, north from the UTM zone origin. For "north", origin is the equator equal zero. For the southern hemisphere it is a false northing with origin, i.e. the equator, equal to 10,000,000 meters.	
utmeasting	UTM Easting
The distance, in meters, proceeding east for the UTM zone. The UTM zone central meridian is the origin and is designated a value of 500,000 meters creating a "false" easting.	
latstddecimaldegrees	Std Latitude
Standardized latitude value in decimal degrees, in geographic coordinate system, WGS84 datum. Values are either auto-populated from GPS, or computed from original latitude coordinates using standard conversion algorithms.	
longstddecimaldegrees	Std Longitude
Standardized longitude value in decimal degrees, in geographic coordinate system, WGS84 datum. Values are either auto-populated from GPS, or computed from original longitude coordinates using standard conversion algorithms.	
geocoordsource	Coordinate Source
The method or source used to acquire the original geographic coordinates identified for the Site.	
elev	Elevation
The vertical distance from mean sea level to a point on the earth's surface.	
geomposhill	Geomorphic Component - Hills
A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of hills.	
geomposmntn	Geomorphic Component - Mountains
A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of mountains.	
geompostrce	Geomorphic Component - Terraces
A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of terraces.	
geomposflats	Geomorphic Component - Flats
Description of the geomorphic component for flats.	
hillslopeprof	Hillslope Profile
Two dimensional slope segments of a hillslope that have similar geometric, erosional, or depositional characteristics.	
geomslopeseg	Slope Position
Position of the pedon site within the segment of the slope.	
slope	Slope Gradient
The difference in elevation between two points, expressed as a percentage of the distance between those points. (SSM)	
aspect	Aspect
The direction toward which the surface of the soil faces, expressed as an angle between 0 and 360 degrees measured clockwise from true north.	

NASIS 7.3.3 Table Column Descriptions

slopelenusle	Slope Length USLE
The distance from the point of origin of overland flow to the point where either the slope gradient decreases enough that deposition begins, or the runoff water enters a well-defined channel that may be part of a drainage network or a constructed channel. (Predicting Rainfall Erosion Losses a Guide to Conservation Planning, Agr. Handbook #537, USDA, 1978).	
slopelenuptro	Upslope Length
The length of slope that contributes water to a site or point. (SSM)	
shapeacross	Slope Shape Across
The geometric, two dimensional profile (shape) of the slope parallel to elevation contours.	
shapedown	Slope Shape Up/Down
The geometric, two dimensional profile (shape) of the slope perpendicular to elevation contours.	
slopecomplex	Slope Complexity
The identification of whether the landscape surface is simple or complex.	
locphysnm	Local Physiographic Name
A name used locally to identify physiographic features. These may be names found of USGS Topographic Quadrangles, i.e. Bob's Hill.	
drainagecl	Drainage Class
Identifies the natural drainage conditions of the soil and refers to the frequency and duration of wet periods. An example of a drainage class is well drained.	
sitesatclassupper	Ksat Class Upper
The saturated hydraulic conductivity (Ksat) class assigned to the upper part of the soil profile, or the whole profile is no strongly contrasting classes occur within the profile depth.	
sitesatclasslower	Ksat Class Lower
The saturated hydraulic conductivity (Ksat) class assigned to the lower part of the soil profile when strongly contrasting classes occur within the profile depth.	
siteperm	Site Permeability - obsolete
A class rating of the overall ability of air and water to move through the soil profile. The class limits are as defined in NSSH.	
runoff	Local Runoff Class
Runoff potential class for the soil, assigned based on local/state/MLRA criteria.	
drainagepattern	Drainage Pattern
The configuration or arrangement, in plan view, of the stream courses in an area, including gullies or first-order areas of channelized flow, tributaries, and main streams. It is related to local geologic materials, geomorphologic features, and geomorphic history of the area; major drainage pattern types include dendritic, trellis, artificial, etc. Also called drainage network.	
pmgroupname	Parent Material Group Name
Name for the concatenation of PARENT_MATERIAL_MODIFIER, PARENT_MATERIAL_KIND, and PARENT_MATERIAL_ORIGIN for each of the parent materials that may occur in a vertical cross section of a soil.	
climstaid	Climate Station ID
The station identifier. This is assigned by the responsible agency. This identifier uniquely identifies a climate station.	

NASIS 7.3.3 Table Column Descriptions

climstanm	Climate Station Name
The full descriptive name of the station as recognized by the agency responsible for the station.	
climstatype	Climate Station Type
The type of the weather station, U.S. Official or Other.	
ffd	Frost Free Days
The expected number of days between the last freezing temperature (0 degrees Celsius) in spring (Jan-Jul) and the first freezing temperature (0 degrees Celsius) in the fall (Aug-Dec). The number of days is based on the probability that the values for the standard "normal" period of 1961 to 1990 will be exceeded in 5 years out of 10.	
map	MAP
The arithmetic average of the total annual (liquid) precipitation taken over the standard "normal" period, 1961-1990.	
reannualprecip	REAP
An estimate of the amount of moisture available for plant use and/or soil forming processes at a given site. It may vary, plus or minus, from "actual" precipitation amounts as a function of runoff, runoff, temperature, aspect, etc.	
airtempa	MAAT
The arithmetic average of the daily maximum and minimum temperatures for a calendar year taken over the standard "normal" period, 1961 to 1990.	
soiltempa	MAST
The mean annual soil temperature (MAST) at a depth of 50 cm below the soil surface, or at the upper boundary of a root-limiting layer as defined in Soil Taxonomy, whichever is	
airtemps	MSAT
The mean of the mean June, July and August mean air temperatures in the northern hemisphere. (USDA, 1941, Climate & Man, pg. 690)	
soiltemps	MSST
The mean of June, July and August monthly mean soil temperatures (in the northern hemisphere) at a depth of 50 cm below the soil surface, or at the upper boundary of a root-limiting layer as defined in Soil Taxonomy, whichever is shallower.	
airtempw	MWAT
The mean of the mean December, January and February mean air temperatures in the northern hemisphere. (USDA, 1941, Climate & Man, pg. 690)	
soiltempw	MWST
The mean of December, January, and February monthly mean soil temperatures (in the northern hemisphere) at a depth of 50 cm below the soil surface, or at the upper boundary of a root-limiting layer as defined in Soil Taxonomy, whichever is shallower.	
benchmarksoilflag	Benchmark Soil?
An indicator as to whether this site is on a benchmark soil.	
flodfreqcl	Flooding Frequency
The annual probability of a flood event expressed as a class. (SSM).	
floddurcl	Flooding Duration
Average duration of inundation per flood occurrence and expressed as a class. (NSSH)	

NASIS 7.3.3 Table Column Descriptions

flodmonthbeg	Flooding Month
The month of the year in which the predicted flooding period of a soil is likely to begin.	
pondfreqcl	Ponding Frequency
The number of times ponding occurs over a period of time. (SSM)	
ponddurcl	Ponding Duration
The average duration, or length of time, of the ponding occurrence. (NSSH)	
pondmonthbeg	Ponding Month
The month of the year in which the predicted flooding period of a soil is likely to begin.	
wtabledur	Wet Soil Moisture Duration
The cumulative annual duration (time) that a water table can be expected to exist in the soil, measured in days.	
gpspositionalerror	GPS - Positional Error
The potential distance in meters between the GPS coordinate location and the "true" location of a point observation. The "true" location of the point observation usually lies within the area covered by a circle centered on the GPS coordinate location with a radius equal to the positional error.	
gpspdop	GPS - PDOP
Position (3D) dilution of precision - a term used in geomatics engineering to describe the geometric strength of satellite configuration. A low PDOP value represents a better GPS positional accuracy due to the wider angular separation between the satellites used to calculate a GPS unit's position. The value is acquired from the GPS unit.	
elevcorrected	Corrected Elevation
The corrected (post-processed) vertical distance from mean sea level to a point on the earth's surface obtained by inputting the GPS coordinates for the location into a web application, which then returns the actual elevation for the coordinate point. The accuracy of the value returned is dependent upon the accuracy and precision of the coordinate point values	
cowardinwetlandsystem	Cowardin Wetland System
The Cowardin Wetland Classification system is a multi-level hierarchial classification system. "System" is the top level of the hierarchy. Reference: http://www.npwrc.usgs.gov/resource/wetlands/classwet/class.htm	
cowardinwetlandsubsystem	Cowardin Wetland Subsystem
The Cowardin Wetland Classification system is a multi-level hierarchial classification system. "Subsystem" is the second level of the hierarchy. Reference: http://www.npwrc.usgs.gov/resource/wetlands/classwet/class.htm	
cowardinwetlandclass	Cowardin Wetland Class
The Cowardin Wetland Classification system is a multi-level hierarchial classification system. "Class" is the third level of the hierarchy. Reference: http://www.npwrc.usgs.gov/resource/wetlands/classwet/class.htm	
cowardinwetlandsubclass	Cowardin Wetland Subclass
The Cowardin Wetland Classification system is a multi-level hierarchial classification system. "Subclass" is the fourth level of the hierarchy. Reference: http://www.npwrc.usgs.gov/resource/wetlands/classwet/class.htm	
cowardinmoistregimemodifier	Cowardin Moisture Regime Modifier
No description available.	

NASIS 7.3.3 Table Column Descriptions

hgmclass	HGM Class
The top level of the Hydrogeomorphic Wetland Classification System.	
hgmsubclass	HGM Subclass
The second level of the Hydrogeomorphic Wetland Classification System. The terms used for subclasses are developed at a region or local level.	
hgmmodifier	HGM Modifier
A regional or locally determined modifier term that is applied to the HGM Subclass as part of the Hydrogeomorphic Wetland Classification System.	
legacyecositeid	Legacy Ecol. Site ID
The identifying code of an ecological site converted from legacy data that could not be converted to a current official ecological site ID.	
legacyecositename	Legacy Ecol. Site Name
The name of an ecological site converted from legacy data that could not be converted to a current official ecological site name.	
meanfrosthfreeprecip	MFFP
The long-term average precipitation received during the frost-free period of the year.	
peindex	PE Index
A number designating the Thornthwaites precipitation-evaporation index (i.e., ratio of precipitation to evapotranspiration) for the area, as derived from SCS drawing number 5S-16,	
plotestablishedyear	Plot Estab. Year
The year that the plot was first visited and established.	
plotnum	Plot #
The sequential number of the plot. Numbers are padded with leading zeros to create a 3-digit number.	
sdbiidref	Site NASIS Site
The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.	
grpiidref	NASIS Group
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.	
objwlastupdated	Object Last Updated
The date and time the corresponding object was last updated.	
objuseridref	Object Last Updated By
The key of the NASIS user who last updated the corresponding object.	
recwlastupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseridref	Record Last Updated By

NASIS 7.3.3 Table Column Descriptions

The key of the NASIS user who last updated the corresponding record.

siteiid

Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteaoverlap
 Table Label: Site Area Overlap

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
areaiidref	Area	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
sareaoviid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteassoc
Table Label: Site Association

Column Physical Name	Column Label	Column Description
usiteassocid	User Site Association ID	A short label to help a user identify a particular site association.
sadbiidref	Site Association NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteassociid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteassocsite
 Table Label: Site Association Site

Column Physical Name	Column Label	Column Description
siteassociidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
siteiidref	Associated Site	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteasiteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteassocsoi
Table Label: Site Associated Soils

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
assocsoi	Associated Soil	Name of a soil (series or other identifier) that is (geographically) associated with the soil being described.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteassocsoiuid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteassoctext
Table Label: Site Association Text

Column Physical Name	Column Label	Column Description
siteassociidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
siteassoctextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteatextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitebedrock
Table Label: Site Bedrock

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
bedrockorder	Vertical Order	The vertical sequence in which bedrock layers occur, when more than one layer exists and is observed below the soil profile, beginning with the uppermost layer and working downward. If only one exists or is observed, no entry is required.
geogroup	Geologic Group	The lithostratigraphic unit next in rank below a supergroup. A group is a named assemblage of related superposed formations, which may include unnamed formations. Groups are useful for small-scale (broad) mapping and regional stratigraphic analysis.
geoform	Geologic Formation	The basic lithostratigraphic unit used to describe, delimit, and interpret sedimentary, extrusive igneous, metavolvanic, and metasedimentary or sediment bodies (excludes metamorphic and intrusive igneous rocks), based on lithic characteristics and stratigraphic position. A formation is commonly, but not necessarily, tabular and stratified and is of sufficient extent to be mappable at the earth's surface or traceable in the subsurface at convenient map scales.
geomember	Geologic Member	The formal lithostratigraphic unit next in rank below a formation, and always part of a formation. A formation need not be divided selectively or entirely into members. A member may extend laterally from one formation to another.
bedrckdepth	Bedrock Depth	The observed depth to the top of the bedrock layer.
bedrckkind	Bedrock Kind	Lithology (composition) of bedrock. (AGI)
bedrckhardness	Bedrock Hardness	The degree of hardness of the underlying rock.
bedrckfractint	Bedrock Fracture Interval	Bedrock fracture interval. At a lithic or paralithic contact cracks must be greater than 10 cm apart. (Soil Taxonomy)
bedrckweather	Bedrock Weathering	Degree of bedrock weathering.
bedrckstrike	Bedrock Strike	

NASIS 7.3.3 Table Column Descriptions

The apparent direction or bearing of a horizontal line in the plane of an inclined stratum.

bedrckdip Bedrock Dip
The apparent inclination of bedrock from the horizontal (AGI).

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

sitebedrockiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteecositehistory
 Table Label: Site Ecological Site History

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
ecositecorrdate	Correlation Date	The date this particular correlation between a Site and Ecological Site was made.
ecositeiidref	Ecological Site	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
classifier	Classifier	The name of the person who assigned this particular classification.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteecositehistoryiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteerosionacc
 Table Label: Site Erosion Accelerated

Column Physical Name	Column Label	Column Description
siteobsiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
erokind	Kind	The type of detachment and removal of surface soil particles as largely affected by human activities. (SSM)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteeroacciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitegeomordesc
Table Label: Site Geomorphic Description

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
geomfiidref	Geomorphic Feature	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
geomfmod	Feature Modifier	A user specified term(s) used in association with geomorphic features to further define, clarify, and describe the setting of a soil in the the landscape. The terms may, for example, describe relative position, mode of formation, degree of degradation, slope, or geologic time of origin.
geomfeatid	Feature ID	A row ID assigned by a user to identify a particular row in a table.
existsonfeat	Exists on Feature ID	An integer referring to a sequence number in the same table, intended to indicate a relationship between two or more rows in a table.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
sitegeomdiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteiristubedata
 Table Label: Site IRIS Tube Data

Column Physical Name	Column Label	Column Description
siteobsiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
iristubeid	Tube ID	The ID number assigned to each iris tube.
topdepthevaluated	Top Depth Evaluated	The top depth of the area of the iris tube evaluated.
bottomdepthevaluated	Bottom Depth Evaluated	The bottom depth of the area of the iris tube evaluated.
dateinstalled	Date Installed	The date the monitoring equipment was installed.
dateremoved	Date Removed	The date the monitoring equipment was removed.
ironpctremoved	Iron % Removed	The percent of the iron removed from the iris tube between the top and the bottom depths evaluated.
reducedsoilflag	Soil Reduced ?	Indicator of reduction in soils using method SSIR51V1-7.1.1.2.1 (IRIS) Tubes. Presense of reduction is yes and absense of reduction is no.
irisimagefilename	Scan Image File Name	The file name of the IRIS tube scan image file.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteiristubedataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteiristubeimage
 Table Label: Site IRIS Tube Image

Column Physical Name	Column Label	Column Description
siteiristubedataiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
iristubeimagescan	Image Scan	The actual image file of the IRIS tube scan.
siteiristubeimageiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitemuoverlap
Table Label: Site Mapunit Overlap

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
lmapunitiidref	Legend Mapunit	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
smuoviid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteobs
Table Label: Site Observation

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
obsdate	Observation Date	The date on which this particular soil was described or sampled, expressed as month, day, year—MM/DD/YYYY.
obsdatekind	Observation Date Kind	Indicates whether the date associated with a site observation is the actual date of observation, or something else.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
projectiidref	Associated User Project ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
photoid	Air Photo ID	Identification (number) of photograph where site is located.
swaterkind	Surface Water Kind	The type (source) of water observed on the soil surface.
swaterdepth	Surface Water Depth	The observed depth of water on the soil surface.
hydrologystatus	Hydrology Status	An indicator of whether or not the natural hydrology of the soil has been significantly modified by human activity.
geomicrorelief	Microrelief Kind	The kind of slight variations in the height of a land surface that are too small or intricate to delineate on a topographic or soils map at commonly used scales (1:24000, and 1:10000).
geommicelev	Microrelief Elevation	The vertical elevation difference of the microrelief.
geommicpat	Microrelief Pattern (obsolete)	

NASIS 7.3.3 Table Column Descriptions

The surficial pattern of the microrelief feature.

ecostateid Ecol. State ID

The assigned identifier code of the state within the ecological site on which a site or plot is located.

ecostatename Ecol. State Name

The assigned name of the state within the ecological site on which a site or plot is located.

commphaseid Comm. Phase ID

The assigned identifier code of the community phase of the ecological site on which a site or plot is located.

commphasename Comm. Phase Name

The assigned name of the community phase of the ecological site on which a site or plot is located.

plantassocnm Plant Association Name

The name assigned to a particular plant community found at a particular location. A plant association is a kind of plant community represented by a high degree of floristic uniformity in all layers. Plant Associations are identified and named for the dominant plant species in a layer. (Nat. Soil-Range Team, 1988, Instr. for Completing the Stand. Site Descrip.)

earthcovkind1 Cover Kind 1

The natural or artificial material that is observed to cover a portion of the earth's surface. It is determined (at least conceptually) as a vertical projection downward. Level one of a hierarchical system. (1992 NRI Instructions)

earthcovkind2 Cover Kind 2

The description of ground cover based on a set of vegetal and non-vegetal classes. It is determined (at least conceptually) as a vertical projection downward. Level two of a hierarchical system.

resource retentionclass Res. Retention Class

A description of the size and connectivity of persistent vascular plant patches and interpatch areas across a plot. The features of each class value reflect the ability of the persistent plant community to retain water, nutrients, soil, and other resources (litter, seeds). These resources have a greater potential to be retained at lower class values.

bareareamaxwidth Bare Area Max. Width

The maximum width of bare areas; a dimension reported with the associated resource retention class.

pedodermclass Pedoderm Class

A description of the type of material that occurs at the air/soil interface.

pedodermcovind Pedoderm Loose Cover Indicator

An indicator of the presence of loose mineral soil material overlying a pedoderm.

biocrusttypedom Biol. Crust Type Dominant

The dominant type of biological crust observed.

biocrusttypesecond Biol. Crust Type Secondary

The secondary type of biological crust observed.

physcrustsubtype Phys Crust Subtype

NASIS 7.3.3 Table Column Descriptions

A subcategory of physical crust pedoderm class denoting the primary mechanism involved in their formation.

crustdevcl Crust Dev Class

An expression of the strength or degree of development of the crust being described.

soilredistributionclass Soil Redistribution Class

A description of the extent and severity of soil redistribution processes (erosion and deposition by wind and water) across a plot. Redistribution processes are indicated by multiple features that include, but are not limited to, pedestals, water flow patterns, depositional mounds and carbonate coats or soil lines on rock fragments. The features of each class influence the ability of the soil to support plant communities and other functions. The extent and severity of soil redistribution and its effects on plants are greater at higher class values.

exposedsoilpct Exposed Soil Percent

The percentage of the soil surface within the plot that is exposed, bare soil (not rock or vegetation covered soil).

localdisturbancedistance Local Disturb. Distance

The distance from the site or plot to any local disturbance that would influence soil properties (e.g., stock processing enclosure, construction excavation site).

localdisturbancedescription Local Disturb. Description

A description of the local disturbance identified.

drainedflag Drained?

An indicator as to whether the land where this site occurs has been drained.

beddingflag Bedded Soil?

An indicator as to whether the land surface where this site occurs has been bedded for drainage purposes.

plantationflag Forest Plantation?

An indicator as to whether this site occurs within a forest plantation.

forestrotationstage Forest Rotation Stage

Identifies the forest rotation stage that a forest plantation is in at the time of observation.

yldstudyid Yield Study ID

A unique identifier of a particular yield study associated with this site.

currweathcond Current Weather

The prevailing weather conditions under which the soil was described/sampled.

currairtemp Current Air Temp

Air temperature reading at the time of describing/sampling the soil in degrees C.

tidalperiod Tidal Period

The interval in the tidal cycle over a daily time scale at the site at the time of observation.

bottomtype Bottom Type

The dominant type of material at the soil/water interface in a subaqueous soil setting at the sample location.

NASIS 7.3.3 Table Column Descriptions

saswatertempupper	Water Temp - Upper The temperature of the water within 10 cm. of the water surface in a subaqueous soil setting, reported in degrees C.
saswatertemplower	Water Temp - Lower The temperature of the water within 10 cm. of the soil/water interface in a subaqueous soil setting, reported in degrees C.
saswaterphupper	Water pH - Upper The negative common logarithm, of the hydrogen ion activity in the in the upper 10 cm. of the water column at a subaqueous soil site using field test methods. A numerical expression of the relative acidity or alkalinity of a soil sample.
saswaterphlower	Water pH - Lower The negative common logarithm, of the hydrogen ion activity in the in the bottom 10 cm. of the water column at a subaqueous soil site using field test methods. A numerical expression of the relative acidity or alkalinity of a soil sample.
phdetermeth	Water pH Method The kind and/or method used to measure pH of the soil.
sasdissolvedoxyupper	Dissolved Oxygen - Upper The amount of gaseous oxygen (O ₂) dissolved in an aqueous solution, reported in mg/L, measured in the upper 10 cm. of the water column at a subaqueous soil site.. Dissolved oxygen content is an indication of water quality.
sasdissolvedoxylower	Dissolved Oxygen - Lower The amount of gaseous oxygen (O ₂) dissolved in an aqueous solution, reported in mg/L, measured in the bottom 10 cm. of the water column at a subaqueous soil site.. Dissolved oxygen content is an indication of water quality.
saswatersalinityupper	Water Salinity - Upper A measure of soluble salts in the upper 10 cm. of the water column in a subaqueous soil setting. The measurement is typically made using hand held meters that measure either electrical conductivity or optical density that convert the value to parts per thousand (ppt). The term halinity is sometimes used to describe ocean derived salts.
saswatersalinitylower	Water Salinity - Lower A measure of soluble salts in the water column within 10 cm. of the soil/water interface in a subaqueous soil setting. The measurement is typically made using hand held meters that measure either electrical conductivity or optical density that convert the value to parts per thousand (ppt). The term halinity is sometimes used to describe ocean derived salts.
currentseasonprecip	Current Season Precip. The amount of precipitation received to date during the current growing season.
currentyearprecip	Current Year Precip. A relative indication of the amount of precipitation received to date for the current year as compared to the long-term average precipitation.
extramoisturesource	Extra Moisture Source An indicator of the source of extra moisture received at the site, other than natural precipitation.
growingseasonrating	Growing Season Rating An indication of the status of the current growing season compared to a normal year at the time of data collection.
landkind	Kind of Land

NASIS 7.3.3 Table Column Descriptions

The kind of land where the plot exists.

safovertype SAF Cover Type

The forest cover type that exists on the plot as defined by the Society of American Foresters.

stmversionid STM Version ID

The version identifier of the state and transition model for the ecological site that the indicated state and community phase IDs reference.

rosgenstreamtype Rosgen Stream Type

The type of stream as determined using the Rosgen stream classification system. Reference: ??? Rosgen, D. (1996). Applied river morphology. Wildlife Hydrology, Pagosa Springs,

rosgenstreamsubclass Rosgen Stream Subclass

The type of stream as determined using the Rosgen stream classification system. Reference: ??? Rosgen, D. (1996). Applied river morphology. Wildlife Hydrology, Pagosa Springs,

recwupdated Record Last Updated

The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By

The key of the NASIS user who last updated the corresponding record.

siteobsiid Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteobstext
Table Label: Site Observation Text

Column Physical Name	Column Label	Column Description
siteobsiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
siteobstextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteobstextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteothvegclass
 Table Label: Site Other Vegetative Classification

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
ovegcliidref	Other Veg Class	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteovegcliid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitepm
Table Label: Site Parent Material

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
pmorder	Vertical Order	The sequence in which the parent material occurs, when more than one parent material exists for one soil profile. If only one parent material occurs for a soil, i.e. no lithologic discontinuities, no entry is required.
pmdept	Top Depth	The distance from the top of the soil to the upper boundary of the parent material layer being described.
pmdepb	Bottom Depth	The distance from the top of the soil to the base of the parent material layer being described.
pmmodifier	Textural Modifier	General description of the texture of the parent material. Class limits correspond to those of textural groupings defined in the Soil Survey Manual and family particle-size classes in Soil Taxonomy.
pmgenmod	General Modifier	A user specified term(s) used to further describe the nature of the parent material for a given soil.
pmkind	Kind	A term describing the general physical, chemical and mineralogical composition of the material, mineral or organic, from which the soil develops. Mode of deposition and/or weathering may be implied or implicit.
pmorigin	Origin	The type of bedrock from which the parent material was derived.
pmweathering	Weathering (Obsolete)	Degree of parent material weathering.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.

NASIS 7.3.3 Table Column Descriptions

sitepmiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitesoilmoist
Table Label: Site Soil Moisture

Column Physical Name	Column Label	Column Description
siteobsiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
soimoistdept	Top Depth	The distance from the top of the soil to the upper boundary of the moisture layer.
soimoistdepb	Bottom Depth	The distance from the top of the soil to the lower boundary of the moisture layer.
soilmoistsensordepth	Sensor Depth	The depth below the soil surface at which the soil moisture sensor is located.
soilmoistsensorkind	Sensor Kind	The kind of soil moisture sensor installed.
obssoimoiststat	Observed Moisture State	The relative moisture state of the soil layer at the time of observation.
obssoimoist	Vol Moisture %	The measured amount of water in the soil layer, expressed as a volumetric percentage.
obsgrsoimoist	Grav. Soil Moist % Whole Soil	The measured amount of water in the soil layer, expressed as a weight percentage.
soimoistten	Moisture Tension	A measurement of the physical attraction between soil particles and the surrounding soil moisture, as determined by field methods.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
sitesmiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitesoiltemp
Table Label: Site Soil Temperature

Column Physical Name	Column Label	Column Description
siteobsiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
soiltempdep	Depth	The measured depth from the soil surface to the point at which the soil temperature reading was recorded.
soiltempsensorkind	Sensor Kind	The kind of soil temperature sensor installed.
soiltemp	Temperature	Soil temperature reading at a specified depth.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
sitestiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitesurffrags
Table Label: Site Surface Fragments

Column Physical Name	Column Label	Column Description
siteobsiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
sfragcov	Cover %	Percent of the ground covered by fragments 2 mm or larger (20 mm or larger for wood fragments).
distrocks	Spacing	Average distance between surface stones and/or boulders, measured between edges.
sfragsize	Size	Size based on the multiaxial dimensions of the surface fragment.
sfragkind	Kind	The lithology/composition of the surface fragments 2 mm or larger (20 mm or larger for wood fragments).
sfragshp	Shape	A description of the overall shape of the surface fragment.
sfraground	Roundness	An expression of the sharpness of edges and corners of surface fragments.
sfraghard	Hardness	The hardness of the fragment.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
sitesurffragsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitetext
Table Label: Site Text

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
sitetextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
sitetextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitetreescounted
 Table Label: Site Trees Counted

Column Physical Name	Column Label	Column Description
sitewoodybasalareaiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
treediameterbreastheight	Diameter Breast Height	The diameter of measured tree at breast height, typically 4.5 feet above ground level.
treeheight	Tree Height	The height of a particular tree measured.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
treescountediid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: siteusgsquadrangleoverlap
 Table Label: Site USGS Quadrangle Overlap

Column Physical Name	Column Label	Column Description
siteiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
usgsquadrangleiidref	USGS Quadrangle	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
siteusgsquadoviid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: sitewoodybasalarea
Table Label: Site Woody Basal Area

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
basalareafactor	Basal Area Factor	The conversion factor used to compute total basal area for the site. The value chosen is dependent upon the tool used in the field.
numeroftreesin	Number of Trees In	The number of trees counted within the plot for the particular basal area factor.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
sitewoodybasalareaiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: soilmoistmonitordata
 Table Label: Soil Moisture Monitor Data

Column Physical Name	Column Label	Column Description
soilmonitordataiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
sensorid	Sensor ID	The identifier number of the particular sensor in a set.
soilmoistsensordepth	Sensor Depth	The depth below the soil surface at which the soil moisture sensor is located.
soilmoistsensorkind	Sensor Kind	The kind of soil moisture sensor installed.
soilmoistvoldailymin	Min Soil Moisture - Vol	The minimum percent soil moisture by volume at the specified depth for the day.
soilmoistvoldailyave	Ave Soil Moisture - Vol	The average percent soil moisture by volume at the specified depth for the day.
soilmoistvoldailymax	Max Soil Moisture - Max	The maximum percent soil moisture by volume at the specified depth for the day.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
soilmoistmonitordataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: soilmonitordata
 Table Label: Soil Monitor Data

Column Physical Name	Column Label	Column Description
peiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
stationid	Station ID	The identifier label of the station or site where the soil moisture and/or temperature monitoring data was collected.
obsdate	Observation Date	The date on which this particular soil was described or sampled, expressed as month, day, year—MM/DD/YYYY.
dailyprecipmeasured	Daily Precipitation	The precipitation received at the site on a particular day, expressed in centimeters.
airtempmin	Min Air Temp	The minimum Air Temperature for the day, from temperature sensor.
airtempave	Ave Air Temp	The Average Air Temperature for the day, from temperature sensor.
airtempmax	Max Air Temp	The maximum Air Temperature for the day, from temperature sensor.
airtempsensorheight	Temp Sensor Height	The height above the ground surface at which the temperature sensor is placed.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
soilmonitordataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: soilseries
Table Label: Soil Series

Column Physical Name	Column Label	Column Description
soilseriesname	Soil Series Name	The name assigned to the soil series.
soiltaxclasslastupdated	Soil Taxonomic Classification Last Updated?	The date when the most recent change to the taxonomic classification of a particular soil series was made.
mlraoffice	MLRA Office	An NRCS business unit responsible for oversight of soil survey production activities of a particular soil survey area.
typelocstareaiidref	Type Location State	A reference to the state or territory where the type location of the corresponding soil series is located.
typelocstareatypeiiref	Type Location State Area Type	A fixed reference to area type "State or Territory", which is used to constrain the choices for a related column in same table.
soilseriesstatus	Status	The status of the particular soil series.
taxclname	Taxonomic Class	A concatenation of the Soil Taxonomy subgroup and family for a soil (long name).
taxorder	Order	The highest level in Soil Taxonomy.
taxsuborder	Suborder	The second level of Soil Taxonomy. The suborder is below the order and above the great group.
taxgrtgroup	Great Group	The third level of Soil Taxonomy. The category is below the suborder and above the subgroup.
taxsubgrp	Subgroup	The fourth level of Soil Taxonomy. The subgroup is below great group and above family.
taxpartsize	Particle Size	Particle-size classes are used as family differentiae. Particle-size refers to grain-size distribution of the whole soil and is not the same as texture. (Soil Taxonomy).
taxpartsizemod	Particle Size Mod	Taxonomic family criteria that is used to indicate the presence of more than two strongly contrasting classes in the particle size control section. (Soil Taxonomy)
taxceactcl	CEC Activity CI	Cation exchange activity classes are used as family criteria differentiae. It is the relative cation exchange (CEC) activity level of the soil based on the CEC to clay ratio. (Soil Taxonomy)

NASIS 7.3.3 Table Column Descriptions

taxreaction	Reaction	Indicates the presence or absence of carbonates and the reaction. They are treated together because of their intimate relationship, and are used to indicate family differentiae. (Soil Taxonomy)
taxtempcl	Temp Class	The taxonomic family temperature class used to construct the official classification name. It may be null when the taxonomic family temperature class is embedded in the classification name. The actual taxonomic temperature regime is recorded in another place.
taxfamhahatmatcl	HAHT Material Class	Human-altered and human-transported material classes are used as family differentiae. They are intended to provide useful information on the behavior and interpretations for use of soils formed in human-altered or human-transported material (Keys to Soil Taxonomy).
originyear	Origin Year	The year that a particular soil series was first proposed and a corresponding record was entered in the Soil Classification database.
establishedyear	Established Year	The year that a particular soil series was first correlated in a soil survey.
descriptiondateinitial	Description Date Initial	The date that the first version of an Official Series Description was posted to the system for a particular soil series.
descriptiondateupdated	Description Date Last Updated	The date that the most recent version of an Official Series Description was posted to the system for a particular soil series.
benchmarksoilflag	Benchmark Soil?	An indicator as to whether this site is on a benchmark soil.
statsgoflag	STATSGO?	An indicator as to whether or not a particular soil series is referenced within the STATSGO dataset.
soilseriesedithistory	Soil Series Edit History	A single text field used to document the edit history of a soil series.
soilseriesdbiidref	Soil Series NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.

NASIS 7.3.3 Table Column Descriptions

objuseriidref	Object Last Updated By
The key of the NASIS user who last updated the corresponding object.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
soilseriesiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: soilseriesmlrasusing
 Table Label: Soil Series MLRAs Using

Column Physical Name	Column Label	Column Description
soilseriesiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
mlraareaiidref	MLRA	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
mlraareatypeiidref	MLRA Area Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
soilseriesmlrasusingiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: soilseriesstatesusing
 Table Label: Soil Series States Using

Column Physical Name	Column Label	Column Description
soilseriesiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
stateareaiidref	State	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
stateareatypeiidref	State Area Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
soilseriesstatesusingiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: soilseriestaxfamothers
 Table Label: Soil Series Taxonomic Family Other

Column Physical Name	Column Label	Column Description
soilseriesiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
taxfamothers	Family Other	Soil characteristics other than the defined family characteristics of particle-size classes, mineralogy classes, cation-exchange activity classes, calcareous and reaction classes, and soil temperature classes.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
soilseriestaxfamothiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: soilseriestaxmineralogy
 Table Label: Soil Series Taxonomic Mineralogy

Column Physical Name	Column Label	Column Description
soilseriesiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
minorder	Vertical Order	The vertical sequence in which the different mineralogies occurs, when more than one exists for one soil profile. If only one occurs for a soil, i.e. no lithologic discontinuities, no entry is needed.
taxminalogy	Mineralogy	Mineralogy classes are used as family differentiae. They are based on the approximate mineralogical composition of selected size fractions of the same segment of the soil (control section) that is used for application of particle-size classes. (Soil Taxonomy)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
soilseriestaxminiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: soiltempmonitordata
Table Label: Soil Temperature Monitor Data

Column Physical Name	Column Label	Column Description
soilmonitordataiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
sensorid	Sensor ID	The identifier number of the particular sensor in a set.
soiltempsensordepth	Sensor Depth	The depth below the soil surface at which the soil moisture sensor is located.
soiltempsensorkind	Sensor Kind	The kind of soil temperature sensor installed.
soiltempdailymin	Min Soil Temp	The minimum soil temperature value at a specified depth for the day.
soiltempdailyave	Ave Soil Temp	The average soil temperature value at a specified depth for the day.
soiltempdailymax	Max Soil Temp	The maximum soil temperature value at a specified depth for the day.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
soiltempmonitordataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: subplotplantdetails
Table Label: Subplot Plant Details

Column Physical Name	Column Label	Column Description
plotplantinventoryiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
subplotnumber	Subplot #	The number assigned to a particular subplot within a vegetation inventory plot from which measurements were recorded.
subplotsize	Subplot Size	The size of the subplot used to inventory a particular species within vegetation inventory plot.
stemcount	# of Stems	The number of individual plant stems of a particular species found in the subplot being sampled.
stemdiameteraverage	Average Stem Diameter	The average diameter of plant stems of a particular species in the subplot being counted, generally measured near the base of each stem at or above ground level.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
subplotplantdetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: system
Table Label: System

Column Physical Name	Column Label	Column Description
sysnm	System Name	The descriptive name of a database or information system.
sysver	System Version	The version number or identifier of a database or information system.
sysdesc	Description	A narrative text description of a database or information system.
syscreatedate	Creation Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
sqladvanceoptions	SQL Advance Options	To capture any SQL Server advance database/table options in the NREPO data.
sysdbiidref	System NASIS Site	An integer number that uniquely identifies the database that owns a particular database or information system repository.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
sysiid	Rec ID	An integer number that uniquely identifies a database or information system repository in a particular database.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: systemtable
Table Label: System Table

Column Physical Name	Column Label	Column Description
tablecollectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
sysiidref	System	An integer number that uniquely identifies a database or information system repository in a particular database.
tablognm	Logical Name	No description available.
tabphynm	Table Physical Name	The physical (SQL) name of a database table.
tablab	Table Label	A descriptive business oriented name for a database table.
tabhelptext	Help Text	No description available.
soilentitytype	Soil Entity Type	No description available.
importexportfilename	Import Export File Name	The base part of the file name of a table's associated ASCII pipe delimited import/export file. The complete name of a table's associated import/export file is the base name followed by the characters ".txt". For example, if the base name is "alpha", the name of the associated import/export file is "alpha.txt".
tabvisible	Visible?	For a table, a Boolean value that indicates whether or not the corresponding table should be visible in the NASIS grid editor. A table that is not visible in the NASIS grid editor should not be able to be selected as the target table for a NASIS query. For a column, a Boolean value that indicates whether or not the corresponding column should be visible in either the NASIS grid editor or one the special NASIS editors.
tabselectable	Selectable?	A Boolean value that indicates whether or not records from the corresponding table can potentially be created, read, updated or deleted in NASIS. A table can be selectable but not visible in the NASIS grid editor. Such a table is typically managed by a special editor in NASIS. A table that is not selectable cannot be referenced in a NASIS query.
tabeditable	Editable?	A Boolean value that indicates whether or not the contents of the corresponding table can be changed by a user through either the NASIS grid editor or one of the special NASIS
tabnoinsertordelete	No Insert?	A Boolean value that indicates whether or not end users should be able to insert records into or delete records from the corresponding table. As of NASIS 6.0, this was implemented

as "no insert" only, i.e. it does not prevent deletes.

tabroottable Root Table?

A Boolean value that indicates if the corresponding table is the root table of an object hierarchy.

tabtemp Temp Table?

Indicates that the table is created as a temporary table.

tabaliased Aliased?

Indicates that the table is created as an alias.

tabstatic Static Table?

Indicates that the table's contents are static.

tabclientonly Client Only?

For the NASIS database, a Boolean value that, when set, indicates that the corresponding table is present only in a NASIS client database.

tabserveronly Server Only?

For the NASIS database, a Boolean value that, when set, indicates that the corresponding table is present only in the central NASIS server database. For the Staging Server database, a Boolean value that, when set, indicates that the contents of the corresponding table should not be copied from the Staging Server database to a table with the same name in the Soil Data Warehouse database.

tabcreateasview Create As View?

A Boolean value that indicates whether or not the corresponding "table" is really a view. NASIS code makes no distinction between tables and views, so this attribute is only relevant to the database creation script. Appropriate triggers must be created to allow inserts, updates and deletes on a view.

tabssaliasreq Staging Alias Required?

Indicates that the corresponding table in the staging database requires an alias.

tabsscounterpartreq Staging Counterpart Required?

Indicates that a table of the same name and similar structure exists in the staging database.

tabpedpctonasis Pedon PC to NASIS?

Indicates that the table is included in the import from Pedon PC to NASIS.

ipdiagmsgsqlstmt Import Pedon Diagnostic Message SQL Statement

A SQL statement used in the construction of an import pedon diagnostic message for the corresponding table in a Pedon database. The statement returns the User ID and Rec ID of the Site, Transect or Site Association associated with the corresponding table in a Pedon database.

daglevel DAG Level

A table's level in the in the set of directed acyclic graphs that are defined for the corresponding data model. A root table corresponds to level 0.

tableid Table ID

An integer value that uniquely identifies a table in the NASIS-style metadata.

tabdesc Description

NASIS 7.3.3 Table Column Descriptions

No description available.

sqladvanceoptions SQL Advance Options
To capture any SQL Server advance database/table options in the NREPO data.

orgper Originating Person
No description available.

conper Contact Person
No description available.

pendact Pending Action
No description available.

pendstat Pending Status
No description available.

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

systabiid Rec ID
An integer number that uniquely identifies a table in a particular database.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: systemtablehist
Table Label: System Table History

Column Physical Name	Column Label	Column Description
systabiidref	Lineage	An integer number that uniquely identifies a table in a particular database.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
tabnoteiid	Rec ID	No description available.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: tablecollection
Table Label: Table Collection

Column Physical Name	Column Label	Column Description
sysiidref	Lineage	An integer number that uniquely identifies a database or information system repository in a particular database.
tablecollectname	Table Collection Name	The unique name for a table collection (business object). It is often the same as the name of the table collection's root table.
tablecollectsequence	Table Collection Sequence	The sequence in which table collections should be displayed.
tablecollectinsertsequence	Table Collection Insert Sequence	The sequence in which the corresponding table collection should be inserted into the database, relative to other table collections.
restrictednasissiteiid	Restricted NASIS Site ID	The ID of the NASIS site to which creation of new instances of the corresponding table collection is restricted. A NASIS site is an administrative entity by which table collection instance ownership is managed.
nonrestrictedvisible	Visible When Restricted?	A Boolean value that indicates whether or not the corresponding table collection should be visible to users who cannot edit any table in that collection.
loadall	Load All?	A Boolean value that indicates whether or not all data for the root table in the corresponding table collection should be automatically loaded whenever that table is first viewed.
visibleingrideditor	Visible in Grid Editor?	A Boolean value that indicates whether or not the table in the corresponding table collection can be edited via the general NASIS grid editor. Some table collections have their own specialized edit interface.
tablecollectreplication	Table Collection Replication Type	Indicates whether or not instances of the corresponding NASIS object can be selected for inclusion in a NASIS user's replicate or if the corresponding object should be automatically replicated to all NASIS client databases.
customizationquery	Customization Query	A query that specifies which columns should be displayed, and the default sort order of records in a customizable table collection choice list. Such a query may include columns from related table collections.
customtabcoliidref	Customization Column	The record ID of the column whose values should be stored to indicate which records should be displayed for a customized table collection.
tablecollectid	Table Collection ID	An integer value that uniquely identifies a collection of tables in the NASIS-style metadata. A table can be a member of no more than one collection.
orgper	Originating Person	

NASIS 7.3.3 Table Column Descriptions

No description available.	
conper	Contact Person
No description available.	
pendact	Pending Action
No description available.	
pendstat	Pending Status
No description available.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
tablecollectiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: tablecollectionhist
 Table Label: Table Collection History

Column Physical Name	Column Label	Column Description
tablecollectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
tablecollectnoteiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: tablecolumn
Table Label: Table Column

Column Physical Name	Column Label	Column Description
systabiidref	Lineage	An integer number that uniquely identifies a table in a particular database.
sysiidref	System	An integer number that uniquely identifies a database or information system repository in a particular database.
coldefseq	Default Sequence	No description available.
attiidref	Attribute	An integer number that uniquely identifies an attribute in a particular database.
collab	Column Label	The column label.
colphydatatype	Physical Data Type	Indicates the corresponding column's physical data type.
coldisplayz	Column Display Size	The default display width of a column in spreadsheet view and reports, in characters.
defaulttype	Type of Default Value	The type of data used as the default value for a table column.
collitdefval	Literal Default Value	Column literal default value.
colsetonrowchange	Set Default on Row Change?	Indicates if the corresponding column should be set to its default value when the corresponding record is updated.
colsetonobjchange	Set Default on Object Change?	Indicates if the corresponding column should be set to its default value when the corresponding object is updated.
aggregation	Aggregation	No description available.
colnotnulbool	Not Null?	A Boolean value that indicates if the corresponding column allows nulls
colcalc	Calculable?	A Boolean value that indicates if the corresponding column can be calculated.

NASIS 7.3.3 Table Column Descriptions

colvisible	Visible?
For a column, a Boolean value that indicates whether or not the corresponding column should be visible in either the NASIS grid editor or one the special NASIS editors.	
colprotected	Protected?
A Boolean value that indicates if the corresponding column should be prevented from being changed by end users.	
colunique	Unique?
A Boolean value that indicates if the corresponding column should be unique.	
colbusinessoriented	Business Column?
Indicates that the column contains soil business related data.	
colsortseq	Sort Sequence
No description available.	
colsorta	Sort Ascending?
No description available.	
colsorttyp	Sort Type
No description available.	
alignment	Alignment
Describes how the display of data in a grid cell is aligned horizontally.	
inreplicationselectlist	In Replication Select List?
A Boolean value that indicates if the corresponding column should be included in the corresponding table's replication selection list.	
colincludepedonpc	Include in Pedon PC DM?
Indicates that the column is in the data model for Pedon PC.	
fgdc	FGDC
Indicates whether or not this attribute is considered part of the Federal Geographic Data Committee soil metadata standard.	
colsrvdeftypeidentity	Set Server Default Type to Identity
Indicates that the column should be defined as an identity in the server database.	
colspatialdata	Spatial Data Type?
Indicates that the column contains spatial type data.	
colsrid	SRID
The spatial reference ID is a number that identifies the datum and projection for spatial data.	
filecontentcolumniidref	File Content Column
The Column ID (MetadataTableColumn.ColumnID) of the column used to store the contents of a file. This is an attribute of the corresponding column. The logical data type of the corresponding column must be "File Reference". A File Reference type column will display a file name in a table editor grid, and will also include buttons labeled Open or Save. Open	

NASIS 7.3.3 Table Column Descriptions

is used to import the contents of a file into the column identified by this attribute. Save is used to copy the imported file contents to a file whose name is stored in the File Reference

colfieldsizoverride Override Field Size

Use this column to override the attrbe field size. This allows the same attribute to have different field lengths, in different tables. This is primarily for varchar and char columns.

colhelptext Help Text

No description available.

columnid Column ID

An integer value that uniquely identifies a column in a data model, not just within a table.

orgper Originating Person

No description available.

conper Contact Person

No description available.

pendact Pending Action

No description available.

pendstat Pending Status

No description available.

recwupdated Record Last Updated

The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By

The key of the NASIS user who last updated the corresponding record.

tabcoliid Rec ID

An integer number that uniquely identifies a column in a particular database.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: tablecolumnhist
Table Label: Table Column History

Column Physical Name	Column Label	Column Description
tabcoliidref	Lineage	An integer number that uniquely identifies a column in a particular database.
notedate	Date	No description available.
notes	Notes	Notes describing decisions, issues, or other history related to the record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
colnoteiid	Rec ID	No description available.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: techsoilservice
 Table Label: Technical Soil Service

Column Physical Name	Column Label	Column Description
scheduledstartdate	Scheduled Start Date	The date the item is scheduled to be started, reported as mm/yyyy.
scheduledcompletiondate	Scheduled Completion Date	The date the item is scheduled to be completed, reported as mm/yyyy.
tssdatestarted	Date Started	The date the technical soil service was initiated.
tssdatecompleted	Date Completed	The date the technical soil service was completed.
tsstiidref	Tech Soil Service Type	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
tssimespent	Hours	Amount of time devoted to the Technical Soil Services activity (in hours, rounded to the nearest 0.1 hours)
tssinstances	Instances	The number of times the corresponding type of technical soil service was provided.
tssprovideruseridref	Provider	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
tssrecipient	Recipient	The entity or organization to which the technical soil service was provided.
tssconsplansaffected	Plans Affected	The number of conservation plans directly affected by the technical soil service provided.
tssprogbenefittediidref	Program Benefitted	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
tssacresbenefitted	Acres Benefitted	The number of acres directly benefitted by the technical soil service provided.

NASIS 7.3.3 Table Column Descriptions

tsspeopleserved	People Served	The number of people served, or directly benefitted, by the technical soil service provided.
tssoutcome	Outcome	The identified outcome of the technical soil service activity provided.
tssimpact	Impact	The identified impact of the technical soil service activity that was provided.
stateareaiidref	State FIPS	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
stateareatypeiiref	State	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
countyareaiidref	County Name	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
countyareatypeiiref	County	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
mlraareaiidref	MLRA Symbol	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
mlraareatypeiiref	MLRA	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
latstddecimaldegrees	Std Latitude	Standardized latitude value in decimal degrees, in geographic coordinate system, WGS84 datum. Values are either auto-populated from GPS, or computed from original latitude coordinates using standard conversion algorithms.
longstddecimaldegrees	Std Longitude	Standardized longitude value in decimal degrees, in geographic coordinate system, WGS84 datum. Values are either auto-populated from GPS, or computed from original longitude

NASIS 7.3.3 Table Column Descriptions

coordinates using standard conversion algorithms.

latdegrees	Lat. Degrees Latitude in degrees. (Snyder, J.P., 1982, Map Projections Used by the USGS)
latminutes	Lat. Minutes Latitude in minutes. (Snyder, J.P., 1982, Map Projections Used by the USGS)
latseconds	Lat. Seconds Latitude in seconds and decimal seconds. (Snyder, J.P., 1982, Map Projections Used by the USGS)
latdir	Lat. Direction Latitude position north or south of the equator. (Snyder, J.P., 1982, Map Projections Used by the USGS)
longdegrees	Long. Degrees Longitude in degrees. (Snyder, J.P., 1982, Map Projections Used by the USGS)
longminutes	Long. Minutes Longitude minutes. (Snyder, J.P., 1982, Map Projections Used by the USGS)
longseconds	Long. Seconds Longitude in seconds and decimal seconds. (Snyder, J.P., 1982, Map Projections Used by USGS)
longdir	Long. Direction Longitude east or west of Greenwich (the Prime Meridian or origin). (Snyder, J.P., 1982, Map Projections Used by the USGS)
horizdatnm	Datum Name The identification given to the reference system used for defining the coordinates of points. (Content Standards for Spatial Metadata, FGDC, 3/31/94 draft). This entry applies to both lat/long and UTM coordinates.
utmzone	UTM Zone Zones of the Universal Transverse Mercator projection system bounded by meridians, the longitudes are multiples of 6 degrees. Zones are numbered from 1 to 60 proceeding east from the 180th meridian from Greenwich, England.
utmnorthing	UTM Northing The distance, in meters, north from the UTM zone origin. For "north", origin is the equator equal zero. For the southern hemisphere it is a false northing with origin, i.e. the equator, equal to 10,000,000 meters.
utmeasting	UTM Easting The distance, in meters, proceeding east for the UTM zone. The UTM zone central meridian is the origin and is designated a value of 500,000 meters creating a "false" easting.
tssdbiidref	Tech Soil Service NASIS Site The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group

NASIS 7.3.3 Table Column Descriptions

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.

objwupdated Object Last Updated
The date and time the corresponding object was last updated.

objuseridref Object Last Updated By
The key of the NASIS user who last updated the corresponding object.

recwupdated Record Last Updated
The date and time the corresponding record was last updated.

recuseridref Record Last Updated By
The key of the NASIS user who last updated the corresponding record.

tssiid Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: techsoilserviceareaoverlap
 Table Label: Technical Soil Service Area Overlap

Column Physical Name	Column Label	Column Description
tssiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
areaiidref	Area	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
tssareaoverlapiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: techsoilservicesite
 Table Label: Technical Soil Service Site

Column Physical Name	Column Label	Column Description
tssiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
siteiidref	User Site Id	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
tsssiteiid	Rec Id	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: techsoilservicetext
 Table Label: Tech Soil Service Text

Column Physical Name	Column Label	Column Description
tssiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
tsstextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
tsstextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: techsoilservicetype
 Table Label: Technical Soil Service Type

Column Physical Name	Column Label	Column Description
tsstname	Tech Soil Service Type Name	The name of the technical soil service activity.
tsstdescription	Description	A narrative description of the technical soil service activity.
obterm	Obsolete?	Indicates whether a term is obsolete.
tsstdbiidref	Tech Soil Service Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
tsstiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: techsoilservprogbenefit
 Table Label: Technical Soil Service Program Benefitted

Column Physical Name	Column Label	Column Description
tssprogrambenefittedsym	Program Benefitted Symbol	The acronym of the USDA or NRCS program benefitted by the technical soil service provided.
tssprogrambenefittednm	Program Benefitted Name	The USDA or NRCS program benefitted by the technical soil service provided.
obterm	Obsolete?	Indicates whether a term is obsolete.
tssprogbenefitteddbiidref	TSS Prog. Benefitted NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
gpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
tssprogbenefittediid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: totalquadratharvest
 Table Label: Total Quadrat Harvest

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
quadrattotwtclippedfresh	Total Clipped Wt - Fresh	The total actual fresh (green) clipped weight, in grams, of all vegetation with an individual quadrat.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
totalquadratharvestiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transect
Table Label: Transect

Column Physical Name	Column Label	Column Description
utransectid	User Transect ID	An identifier assigned by the user to a particular transect that is intended to aid in the identification of the transect for the user.
tsectauth	Transect Author	Names of the soil scientist(s) that ran the transect.
tsectkind	Transect Kind	The kind of transect (geometrically described). Described as one of the following: Straight, zigzag, or random point. If straight or zigzag then the actual interval since the last observation point is a required entry. This is a required entry for a transect.
tsectselmeth	Transect Selection Method	Describes how the transect location was selected. Described as being one of the following. Randomly selected or selected based on some bias. This is a required entry field for
tsectdelinsize	Transect Delineation Size	Approximate size of the map unit delineation in which the transect was run.
tsectdir	Transect Direction	Direction of transect as measured in degrees of aspect from the first observation point on the transect. This is a required entry field for transects.
tsectcertstatus	Certification Status	An indicator of the level of review and certification for use that the transect data has received.
tsectdbiidref	Transect NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	

NASIS 7.3.3 Table Column Descriptions

The key of the NASIS user who last updated the corresponding record.

tsectiid

Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transecttestcomposition
 Table Label: Transect Estimated Composition

Column Physical Name	Column Label	Column Description
tsectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
compname	Component Name	Name assigned to a component based on its range of properties.
localphase	Local Phase	Phase criterion to be used to help uniquely identify soil components or pedons. These are terms such as "drained", "eroded", etc.
compct	Comp %	The percentage of the component of the mapunit.
slope	Slope Gradient	The difference in elevation between two points, expressed as a percentage of the distance between those points. (SSM)
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
tsectestcompiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transectgapdetails
 Table Label: Transect Gap Details

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
gapnumber	Gap #	A sequential number identifying a particular gap along a transect.
gapkind	Gap Kind	The type of gap being described.
gapstartpoint	Gap Start Point	The distance from the starting point of the transect (cm) where a particular gap begins. Zero measurement is the beginning point of the transect. Must be less than Gap End Point.
gapendpoint	Gap End Point	The distance from the starting point of the transect (cm) where a particular gap ends. Zero measurement is the beginning point of the transect. Must be greater than Gap Start Point.
gaplength	Gap Length	The length of a particular gap along a transect; "gap end point" minus "gap start point".
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
transectgapdetailsiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transectgroundcover
 Table Label: Transect Ground Cover

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
groundcovertype	Ground Cover Type	The type of plant or other material that would first intercept a falling raindrop and prevent it from impacting the soil surface (a vertical or birds eye view of first intercept). If no such material is present, 'bare ground' is recorded.
groundcoverptcount	# of Points	The number of points along the transect where a particular cover type occurred.
groundcoverptpct	Ground Cover % - Points	The percentage of the soil surface being protected from being hit by a raindrop (vertical or birds eye view of first intercept) by a particular cover material type computed from the percentage of individual point observations along a transect covered by that cover material type.
quadratsize	Quadrat Size	The total area of the vegetation quadrat used.
quadratshape	Quadrat Shape	The shape of the quadrat used. Most common shapes are rectangular and circular.
groundcoverquadpctave	Ground Cover % Ave. - Quadrats	The average percentage of the soil surface being protected from being hit by a raindrop (vertical or birds eye view of first intercept) by a particular cover material type computed from individual quadrats along a transect.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
transectgroundcoveriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transectgroundcoverdatalegacy
 Table Label: Transect Ground Cover Data - Legacy

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
quadratbaregrpct	Bare Ground %	The percent of bare soil surface within a quadrat.
quadratcancovpct	Canopy Cover %	The percent of the soil surface within a quadrat covered by plant canopy up to 4.5 feet above the ground.
quadratrockfragcovpct	Rock Frag Cover %	The percent of the soil surface within a quadrat that is covered by rock fragments > 2mm in size.
quadratmulchwt	Mulch Weight	The weight of mulch material collected from an individual quadrat.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
transgrcovlegacydataiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transectgroundsurfcover
 Table Label: Transect Ground Surface Cover

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
groundsurfcovtype	Ground Surface Cover Type	The type of plant or other material that is in contact with and protecting the actual soil surface.
groundcoverptcount	# of Points	The number of points along the transect where a particular cover type occurred.
groundcoverptpct	Ground Cover % - Points	The percentage of the soil surface being protected from being hit by a raindrop (vertical or birds eye view of first intercept) by a particular cover material type computed from the percentage of individual point observations along a transect covered by that cover material type.
quadratsize	Quadrat Size	The total area of the vegetation quadrat used.
quadratshape	Quadrat Shape	The shape of the quadrat used. Most common shapes are rectangular and circular.
groundcoverquadpctave	Ground Cover % Ave. - Quadrats	The average percentage of the soil surface being protected from being hit by a raindrop (vertical or birds eye view of first intercept) by a particular cover material type computed from individual quadrats along a transect.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
transectgroundsurfcoveriid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transectoverstorycanopycover
 Table Label: Transect Overstory Canopy Cover

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
overstorycanopypresent	Overstory Canopy Present ?	A yes/no indicator of whether or not overstory canopy is present at the sample location.
densiometerquadscovered	# of Densiometer Quadrants Covered	The number of quadrants or points of the densiometer covered by canopy at the sample location.
overstorycancovpctpoint	Overstory Canopy Cov %	The percent canopy cover of the overstory stratum at a point along the transect.
overstorycancovclpoint	Overstory Canopy Cov Class	The percent canopy cover of the overstory stratum at a point along the transect, expressed as a class.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
transoverstorycancoviid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transectsamplingprotocolused
 Table Label: Transect Sampling Protocol Used

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
transsampprotocolname	Protocol Name	The name of the sampling protocol used in the vegetation inventory on the transect.
datacollector	Data Collector	The name of the person collecting the measurements or observations.
datarecorder	Data Recorder	The name of the person that recorded the data.
samplingintensity	Sampling Intensity	The intensity of the sampling done with a particular sampling protocol.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
transsampprotocolusediid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transectstandingbiomassdetails
 Table Label: Transect Standing Biomass Details

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
quadratnumber	Quadrat #	The number assigned to a particular quadrat within a plot or transect from which measurements were recorded.
transectpointlocation	Transect Point Location	The point of observation along the transect recorded as a distance from the starting point of the transect. Starting point of transect is zero.
quadratsize	Quadrat Size	The total area of the vegetation quadrat used.
quadratshape	Quadrat Shape	The shape of the quadrat used. Most common shapes are rectangular and circular.
herbbiomasswtgreen	Herbaceous Biomass Wt. Green	The weight, in grams, of standing herbaceous biomass (attached to rooted plants) for the quadrat measured at the moisture content at the time of sampling (green).
herbbiomasswtairdry	Herbaceous Biomass Wt. Air-dry	The weight, in grams, of standing herbaceous biomass (attached to rooted plants) for the quadrat measured after the sample has been air-dried.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
transstandbiomassdetailiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: transecttext
Table Label: Transect Text

Column Physical Name	Column Label	Column Description
tsectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
transecttextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
transecttextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: uom
Table Label: Unit of Measure

Column Physical Name	Column Label	Column Description
uomsym No description available.	Symbol	
uomunits No description available.	Units	
uomsibool No description available.	SI?	
uomapp No description available.	Application	
notes Notes describing decisions, issues, or other history related to the record.	Notes	
obterm Indicates whether a term is obsolete.	Obsolete?	
uomid An integer value that uniquely identifies a unit of measure in a data model, not just within a table.	Unit of Measure Id	
uomdbiidref An integer number that uniquely identifies the database that owns a particular unit of measure.	Unit Measure NASIS Site	
grpiidref An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.	NASIS Group	
objuseriidref The key of the NASIS user who last updated the corresponding object.	Object Last Updated By	
objwupdated The date and time the corresponding object was last updated.	Object Last Updated	
recwupdated The date and time the corresponding record was last updated.	Record Last Updated	
recuseriidref The key of the NASIS user who last updated the corresponding record.	Record Last Updated By	

NASIS 7.3.3 Table Column Descriptions

uomiid	Rec ID
An integer number that uniquely identifies a unit of measure in a particular database.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usfsecllevel
 Table Label: USFS Ecological Classification Level

Column Physical Name	Column Label	Column Description
usfsectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
usfseclrank	USFS Ecological Classification Level Rank	USFS ecological classification level rank. NRT_CLASS_LEVEL_TYPES.RANK
usfseclcode	USFS Ecological Classification Level Code	The identifying code of a particular USFS ecological classification level. NRT_CLASS_LEVEL_TYPES.TYPE_CODE
usfseclname	USFS Ecological Classification Level Name	The name of a particular USFS Ecological classification level. NRT_CLASS_LEVEL_TYPES.DESCRPTION
usfseclid	USFS Ecological Classification Level ID	Primary key of the USFS counterpart of this table. NRT_CLASS_LEVEL_TYPES.GENTYP_CN
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usfsecliid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usfsecoclass
Table Label: USFS Ecological Classification

Column Physical Name	Column Label	Column Description
usfsecliidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
usfsecsetname	USFS Ecological Classification Set Name	The name of a particular USFS ecological classification set. NRT_CLASSIFICATIONS.CLASS_SET_NAME
usfsecshortname	USFS Ecological Classification Short Name	The short name of a particular USFS ecological classification. NRT_CLASSIFICATIONS.CLASS_SHORT_NAME
usfsecname	USFS Ecological Classification Name	The name of a particular USFS ecological classification. NRT_CLASSIFICATIONS.CLASS_NAME
usfseccode	USFS Ecological Classification Code	The identifying code of a particular USFS ecological classification. NRT_CLASSIFICATIONS.CLASS_CODE
obterm	Obsolete?	Indicates whether a term is obsolete.
usfsecid	USFS Ecological Classification ID	Primary key of the USFS counterpart of this table. NRT_CLASSIFICATIONS.ECOCLS_CN
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usfseciid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usfsectype
 Table Label: USFS Ecological Classification Type

Column Physical Name	Column Label	Column Description
usfsectcode	USFS Ecological Classification Type Code	The identifying code of a particular USFS ecological classification type. NRT_CLASSIFICATION_TYPES.TYPE_CODE
usfsectname	USFS Ecological Classification Type Name	The name of a particular USFS ecological classification type. NRT_CLASSIFICATION_TYPES.DESCRPTION
usfsectid	USFS Ecological Classification Type ID	Primary key of the USFS counterpart of this table. NRT_CLASSIFICATION_TYPES.GENTYP_CN
usfsectdbiidref	USFS Ecological Classification Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usfsectiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usfsicat
Table Label: USFS Interpretation Category

Column Physical Name	Column Label	Column Description
usfsicatcode	USFS Interpretation Category Code	The identifying code of a particular USFS interpretation category. NRT_INTERP_TYPE_CATEGORIES.TYPE_CODE
usfsicatname	USFS Interpretation Category Name	The name of a particular USFS interpretation category. NRT_INTERP_TYPE_CATEGORIES.DESCRPTION
usfsicatid	USFS Interpretation Category ID	Primary key of the USFS counterpart of this table. NRT_INTERP_TYPE_CATEGORIES.GENTYP_CN
usfsicatdbiidref	USFS Interpretation Category NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usfsicatiiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usfsinterp
Table Label: USFS Interpretation

Column Physical Name	Column Label	Column Description
usfsicatiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
usfsinterpcode	USFS Interpretation Code	The identifying code of a particular USFS interpretation. NRT_INTERP_TYPES.TYPE_CODE
usfsinterpname	USFS Interpretation Name	The name of a particular USFS interpretation. NRT_INTERP_TYPES.DESCRPTION
usfsircslssetid	USFS Interpretation Rating Class Set ID	Primary key of the USFS interpretation rating class set associated with this USFS interpretation. NRT_INTERP_SET.GENTYP_CN
usfsinterpuid	USFS Interpretation ID	Primary key of the USFS counterpart of this table. NRT_INTERP_TYPES.GENTYP_CN
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usfsinterpuid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usfsirclass
 Table Label: USFS Interpretation Rating Class

Column Physical Name	Column Label	Column Description
usfsinterpiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
usfsirclscde	USFS Interpretation Rating Class Code	The identifying code of a particular USFS interpretation rating class. NRT_INTERP_RATINGS.INTERP_RATING
usfsirclsname	USFS Interpretation Rating Class Name	The name of a particular USFS interpretation rating class. NRT_INTERP_RATINGS.RATING_MEANING
usfsirclsrnk	USFS Interpretation Rating Class Rank	The rank of a USFS interpretation rating class. USFS interpretation rating classes, when ranked, are sequenced from least restrictive to most restrictive. NRT_INTERP_RATINGS.INTERP_RATING_RANK
obterm	Obsolete?	Indicates whether a term is obsolete.
usfsirclsid	USFS Interpretation Rating Class ID	Primary key of the USFS counterpart of this table. NRT_INTERP_RATINGS.GENTYP_CN
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usfsirclassiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usfsirestrict
Table Label: USFS Interpretation Restriction

Column Physical Name	Column Label	Column Description
usfsirstctcode	USFS Interpretation Restriction Code	The identifying code of a particular USFS interpretation restriction. NRT_INTERP_RESTRICTIONS.TYPE_CODE
usfsirstctname	USFS Interpretation Restriction Name	The name of a particular USFS interpretation restriction. NRT_INTERP_RESTRICTIONS.DESCRPTION
obterm	Obsolete?	Indicates whether a term is obsolete.
usfsirstctid	USFS Interpretation Restriction ID	Primary key of the USFS counterpart of this table. NRT_INTERP_RESTRICTIONS.GENTYP_CN
usfsirstctdbiidref	USFS Interpretation Restriction NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usfsirstctiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usgsquadrangle
 Table Label: USGS Quadrangle

Column Physical Name	Column Label	Column Description
usgsquadrangletypeiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.
usgsquadranglesymbol	USGS Quadrangle Symbol	The official name assigned to a particular USGS Quadrangle.
usgsquadranglename	USGS Quadrangle Name	The official name assigned to a particular USGS Quadrangle.
obterm	Obsolete?	Indicates whether a term is obsolete.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usgsquadrangleiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: usgsquadrangletype
 Table Label: USGS Quadrangle Type

Column Physical Name	Column Label	Column Description
usgsquadrangletypename	USGS Quadrangle Type Name	The name of a USGS Quadrangle series - e.g. 7.5-Minute.
uqtdbiidref	USGS Quadrangle Type NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseriidref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
usgsquadrangletypeiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: vegplot
Table Label: Vegetation Plot

Column Physical Name	Column Label	Column Description
siteobsiidref	Site/Site Observation	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
vegplotid	Vegetation Plot ID	An alpha-numeric code that uniquely identifies a single occurrence of a particular vegetation plot.
vegplotname	Vegetation Plot Name	A descriptive name that, in conjunction with the vegetation plot ID, helps identify the vegetation plot.
primarydatacollector	Primary Data Collector	The name of the primary person responsible for collecting the data on a vegetation plot.
datacollectionpurpose	Data Collection Purpose	A short text narrative that can be used to describe a particular purpose for the collection of data from a particular vegetation plot. This field is expected to be used infrequently.
vegdataorigin	Data Origin	The origin of the vegetation data, whether entered or imported directly into this database, or transcribed/converted from another vegetation database.
vegplotsize	Plot Size	The area of a vegetation inventory plot expressed in square meters.
soilprofileindicator	Soil Profile ?	A yes/no indicator as to whether or not a detailed soil profile description was collected from this plot.
assocuserpedonid	Assoc. User Pedon ID	The value recorded in the User Pedon ID column of the Pedon table for the pedon description collected from a vegetation plot.
soil232idlegacy	Legacy Soil 232 ID	The identification number assigned to the Soil-232 form used to record soil profile data for the plot as recorded in legacy vegetation inventory data.
ahorizondepth	A Horizon Depth	The depth to the bottom of the A horizon of the soil identified within the plot.
alkalinesalineindicator	Alkaline/Saline Indicator	An indicator as to whether the soil is alkaline, saline, or neither, within the upper 18 inches of the soil profile.
alkalineaffected	Alkaline Affected ?	A yes/no indicator as to whether alkalinity has effected the windbreak species.

NASIS 7.3.3 Table Column Descriptions

salinityclass	Salinity Class
A class indicating the degree of salinity within the upper 18 inches of the soil profile.	
restrictivelayerdepthlegacy	Legacy Restrictive Layer Depth
The depth in centimeters to the top of a root restrictive layer as recorded in legacy data.	
legacysoilcompname	Legacy Soil Name
The name of the correlated soil component as recorded in legacy data.	
legacysoilphase	Legacy Soil Phase
The soil phase name that the plot occurs on as recorded in legacy data.	
legacylocalsoilphase	Legacy Local Soil Phase
The phase of the correlated soil component as recorded in legacy data as recorded in legacy data.	
legacysoilsurfext	Legacy Surface Texture
The texture classification of the soil surface layer as recorded in legacy data.	
legacysurfextmod	Legacy Texture Modifier
The modifier classification of the soil surface texture as recorded in legacy data.	
legacysterminlieu	Legacy Term In Lieu of Texture
Substitute terms applied to materials that do not fit into a textural class because of organic matter content, size, rupture resistance, solubility, or another reason as recorded in legacy data.	
erosionclasslegacy	Legacy Erosion Class
A class indicating the degree of past erosion as recorded in legacy vegetation inventory data.	
landformgrouplegacy	Legacy Landform Group
The name of the landform(s) that the plot occurs on as was recorded in legacy vegetation inventory data.	
cryptogamcovcllegacy	Legacy Cryptogam Cover Class
The extent of the ground surface covered by cryptogams as reported in legacy data, expressed as a class.	
rangelandusehistory	Rangeland Use History
An indication of the degree of rangeland use of the area where a plot exists.	
cancovpctplotave	Canopy Cover % - Ave.
The average percent canopy cover of all vegetation transects collected from a given vegetation plot.	
cancovtotalpct	Total Canopy Cover %
The estimated percent of the ground that is shaded by vegetation canopy at midday.	
cancovtotalclass	Total Canopy Cover Class
The estimated percent of the ground that is shaded by vegetation canopy at midday, expressed as a class.	

NASIS 7.3.3 Table Column Descriptions

overstorycanconttotalpct	Total Overstory Canopy Cover % The canopy cover percent of all species in the overstory stratum.
overstorycancovtotalclass	Total Overstory Canopy Cover Class The canopy cover percent of all species in the overstory stratum, expressed as a class.
dblsampannualprodave	Dbl. Sampling Ave. Annual Prod. The average total annual production of all vegetation transects collected from a given vegetation plot as measured by the Double Sampling protocol.
compyieldproductionave	Comparative Yield Ave. Prod. The average total annual production of all vegetation transects collected from a given vegetation plot as measured by the Comparative Yield protocol.
abovegroundbiomassstotave	Total Above Ground Biomass - Ave. The average total above ground biomass of all vegetation transects within a given vegetation plot.
understoryreprodabundance	Understory Reprod. Abundance A class indicating the abundance of plant reproduction in the understory.
woodyunderstoryabundance	Woody Understory Abundance A class indicating the abundance of woody plants in the understory.
herbunderstoryabundance	Herb. Understory Abundance A class indicating the abundance of herbaceous plants in the understory.
lichensunderstoryabundance	Lichens Understory Abundance A class indicating the abundance of lichens or mosses in the understory.
crowncanclosurepct	Crown Canopy Closure % The percent of crown closure of the overstory species.
crowncanclosureassessmethod	Crown Can. Closure Assess. Meth. The method used to obtain the crown canopy closure percentage.
crowncompfactorlpp	LPP Crown Competition Factor An index number indicating the crown competition factor for lodgepole pine.
crowncomplppavedbh	LPP Crown Comp. Ave DBH The average diameter at breast height (DBH), typically 4.5 feet above ground level, of the lodgepole pine stand being evaluated. This value is used in computing the crown competition
basalcoverpctave	Basal Cover % - Ave. The average percent basal cover of all vegetation transects collected from a given vegetation plot.
basalareaplottotal	Total Basal Area Total basal area for the plot.
basalareaassessmethod	Basal Area Assess. Method

NASIS 7.3.3 Table Column Descriptions

The method used to determine basal area.

constreeshrubgrp	Cons Tree Shrub Group
The identifier for a particular Conservation Tree Shrub Group (CTSG) which that is associated with a soil map unit component or vegetation inventory plot. A CTSG is a physiographic unit or area having similar climatic and edaphic characteristics that control the selection and height of growth of trees and shrubs (National Forestry Manual).	
windbreakrowonedirection	Windbreak Row 1 Direction
The direction that row 1 of the windbreak faces. Row 1 is defined as the row on the west or north side of the windbreak, depending on windbreak orientation.	
windbreaktrappedsoildepth	Windbreak Trapped Soil Depth
The depth of soil material trapped by the windbreak.	
windbreaktrappedsoiltexture	Windbreak Trapped Soil Texture
The texture class of soil material trapped by the windbreak.	
understorydescindicator	Understory Description ?
A yes/no indicator of whether or not a detailed understory vegetation description is available for the plot.	
mensurationdataindicator	Mensuration Data ?
A yes/no indicator as to whether or not detailed mensuration data is available for a plot.	
vigorclasslegacy	Legacy Vigor Class
A rating of the relative robustness of the plant community of a vegetation inventory plot. It is reflected primarily by the size and condition the of plants and their parts in relation to their age and the environment in which they are growing.	
siteconditionlegacy	Legacy Site Condition
The percent of the existing plant community on a plot that is historic climax plant community as recorded in legacy vegetation inventory data.	
overstoryspecieslegacy	Legacy Overstory Species
A listing of one or more plant species that make up the overstory plant community for the plot as recorded in legacy vegetation inventory data.	
plantmoiststate	Plant Moisture State
The moisture state of plant material at which plant weights were recorded for a plot.	
currenttreedensity	Current Tree Density
The number of trees per acre found on the plot at the time of inventory.	
currenttreespacing	Current Tree Spacing
The average distance between individual trees within the plot at the time of inventory, expressed in feet.	
currentdxspacing	Current D+x Spacing
A variable (e.g. 'D+10') used to determine the current tree density of the site; where "D" is the average tree diameter (DBH in whole inches) of trees on the site, and "x" is the current average tree spacing of trees within the plot. The 'D+x' value is expressed in whole feet.	
currentplotavedbh	Current Plot Ave DBH
The average diameter at breast height (DBH) of trees within the plot at the time of inventory, expressed in inches.	

NASIS 7.3.3 Table Column Descriptions

plotbasalareafactor	Plot Basal Area Factor
The conversion factor used to compute total basal area for the plot without regard to individual species. The value chosen is dependent upon the tool used in the field.	
currentbasalarea	Current Basal Area
Total basal area of the plot at the time of inventory.	
foreststandtype	Forest Stand Type
A description of the structure of the forest stand with regards to the main stand, secondary stand, and understory strata.	
foreststratainventoried	Strata Inventoried
The strata of the forest stand that is being inventoried.	
foreststandregen	Stand Regeneration
The regeneration of the forest stand that is being inventoried.	
foreststandquality	Stand Quality
A rating of the overall quality of the forest stand being evaluated.	
desiredtreedensity	Desired Tree Density
The desired number of trees per acre that is the target for management of the site.	
desireddxspacing	Desired D+x Spacing
A variable (e.g. 'D+10') used to determine the desired tree density of the site; where "D" is the average tree diameter (DBH in whole inches) of trees on the site, and "x" is a constant that varies due to region of the country and the species of the site, and ranges from -5 to +15. The 'D+x' value is expressed in whole feet.	
desiredbasalarea	Desired Basal Area
The target or desired total basal area for the plot.	
excessbasalarea	Excess Basal Area
The amount of change in basal area needed to reach the 'desired' level. Negative values indicate the the 'current' level is below the 'desired' level.	
excesstreedensity	Excess Tree Density
The difference between the current and desired density of trees on the site. Positive values are the number of trees needing to be thinned from the stand. Negative numbers indicate that the 'current' density is less than the 'desired' density and there is room for additional trees to be planted.	
stockingchange pct	% Stocking Change
The percentage change needed in tree density for the plot to reach the 'desired' tree density.	
treepctgoodcondition	% Good Condition
The percentage of trees inventoried within a plot that are rated in good condition.	
treepctfaircondition	% Fair Condition
The percentage of trees inventoried within a plot that are rated in fair condition.	
treepctpoorcondition	% Poor Condition

NASIS 7.3.3 Table Column Descriptions

The percentage of trees inventoried within a plot that are rated in poor condition.

treecounttotal # of Trees Counted

The number of individual trees of all plant species counted within the plot.

treesnagdensityhard Hard Tree Snag Density

The number of hard tree snags per acre. Hard tree snags are dead, standing tree trunks that are > 4" in diameter at 4.5 feet above the ground, and > 6 feet in height; have no evidence of decay; and with bark largely intact.

treesnagdensitysoft Soft Tree Snag Density

The number of soft tree snags per acre. Soft tree snags are dead, standing tree trunks that are > 4" in diameter at 4.5 feet above the ground, and > 6 feet in height; have no evidence of decay; and with bark that has partially or totally sloughed off.

rhiannualprod RHI - Annual Production

Rangeland health indicator - the degree of departure from the ESD with regard to annual production. Reference - NRI Grazing Land On-Site Data Collection instructions, dated

rhibareground RHI - Bare Ground

Rangeland health indicator - the degree of departure from the ESD with regards to amount and pattern of bare ground. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhicompactionlayer RHI - Compaction Layer

Rangeland health indicator - the degree of departure from the ESD with regards to presence of compacted layers below the soil surface. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhifuncstructgroups RHI - Func/Stuct Groups

Rangeland health indicator - the degree of departure from the ESD with regards to presence and diversity of functional or structural groups. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhierosionresistance RHI - Erosion Resistance

Rangeland health indicator - the degree of departure from the ESD with regards to the resistance of the soil surface to erosion. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhi gullies RHI - Gullies

Rangeland health indicator - the degree of departure from the ESD with regard to the presence of gullies. Reference - NRI Grazing Land On-Site Data Collection instructions, dated

rhirills RHI - Rills

Rangeland health indicator - the degree of departure from the ESD with regards to the presence of rills. Reference - NRI Grazing Land On-Site Data Collection instructions, dated

rhipedastalt terraces RHI - Pedestals/Terraces

Rangeland health indicator - the degree of departure from the ESD with regards to the presence of pedestalling and terraces. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhiinfiltrunoff RHI - Infiltration & Runoff

Rangeland health indicator - the degree of departure from the ESD with regards to infiltration and runoff. Reference - NRI Grazing Land On-Site Data Collection instructions, dated

rhilitteramount RHI - Litter Amount

NASIS 7.3.3 Table Column Descriptions

Rangeland health indicator - the degree of departure from the ESD with regards to the amount of litter present. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhilittermovement RHI - Litter Movement

Rangeland health indicator - the degree of departure from the ESD with regards to litter movement by wind or water. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhiplantmortality RHI - Plant Mortality

Range health indicator - the degree of departure from the ESD with regards to plant mortality and/or decadence. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

hireprodcapability RHI - Reproductive Capability

Rangeland health indicator - the degree of departure from the ESD with regards to the site capability to produce perennial plant seeds and/or tillers. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhiinvasiveplants RHI - Invasive Plants

Rangeland health indicator - the degree of departure from the ESD with regards to the presence of invasive species. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhisoilsurfdegradation RHI - Soil Surface Degradation

Rangeland health indicator - the degree of departure from the ESD with regards to the loss or degradation of the soil surface horizon. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhiwaterflowpatterns RHI - Water Flow Patterns

Rangeland health indicator - the degree of departure from the ESD with regards to water flow patterns and erosion. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhiwindscourareas RHI - Wind Scour Areas

Rangeland health indicator - the degree of departure from the ESD with regards to the presence of wind scoured blowouts and/or depositional areas. Reference - NRI Grazing Land On-Site Data Collection instructions, dated 4/10/2012.

rhisoilstestabsumm RHI - Soil/Site Stability Summ.

Rangeland health indicator summary - A summary rating indicating the degree of departure from the ESD with regards to the capacity of the site to limit redistribution and loss of soil resources (including nutrients and organic matter) by wind and water.

rhibioticintegritysumm RHI - Biotic Integrity Summ.

Rangeland health indicator summary - A summary rating indicating the degree of departure from the ESD with regards to the capacity of the site to support characteristic functional and structural communities in the context of normal variability, to resist loss of this function and structure due to a disturbance, and to recover following such disturbance.

rhihydrofunctionsumm RHI - Hydro. Function Summ.

Rangeland health indicator summary - A summary rating indicating the degree of departure from the ESD with regards to the capacity of the site to capture, store, and safely release water from rainfall, run-on, and snowmelt, to resist a reduction in this capacity, and to recover this capacity following degradation.

pastureforagetype Pasture Forage Type

The name of the pasture forage type as recorded when using the Pasture Stick sampling protocol.

NASIS 7.3.3 Table Column Descriptions

pasturestanddensityave	Average Pasture Stand Density The average percent cover of plants in the sample area when using the Pasture Stick sampling protocol.
pastureplanthtave	Average Pasture Plant Ht. The average height in inches of plants for the pasture forage type in the sample area.
pastureprodave	Average Pasture Production The average annual estimated dry matter production of the sample area as determined by use of the Pasture Stick sampling protocol reported as pounds per acre.
pcidesirableplants	PCI - Desirable Plants Pasture Condition Indicator - The percent of plant cover by weight that is desirable forage, expressed as a class.
pciplantcover	PCI - Plant Cover Pasture Condition Indicator - The percent live, leafy canopy or basal cover of desirables and intermediates, expressed as a class.
pciplantdiversity	PCI - Plant Diversity Pasture Condition Indicator - The diversity of well represented forage species.
pcigroundcovresidue	PCI - Ground Cover Residue Pasture Condition Indicator - Ground cover and/or thatch. Ground cover and standing dead forage are rated separately then the scores are averaged.
pcistandingdeadforage	PCI - Standing Dead Forage Pasture Condition Indicator - standing dead forage. Ground cover and standing dead forage are rated separately then the scores are averaged.
pciplantresiduecompscore	PCI - Plant Residue Comp. Score Pasture Condition Indicator - The overall composite score for plant residue based on individual ratings for ground cover, standing dead forage, or thatch. Ground cover and standing dead forage are rated separately then the scores are averaged.
pciplantvigor	PCI - Plant Vigor Pasture Condition Indicator - Degree of stress of the plant community.
pcilegumepctclass	PCI - Legume % Pasture Condition Indicator - The percentage of legumes present as total air-dry weight, expressed as a class.
pciuseuniformity	PCI - Use Uniformity Pasture Condition Indicator - The degree of uniformity of grazing.
pcilivestockconcareas	PCI - Livestock Conc. Areas Pasture Condition Indicator - The presence of livestock concentration areas and their proximity to surface water.
pcisoilcompaction	PCI - Soil Compaction Pasture Condition Indicator - The degree of soil compaction.
pcisheetrillerosion	PCI - Sheet & Rill Erosion Pasture Condition Indicator - The presence and extent of sheet and rill erosion.

NASIS 7.3.3 Table Column Descriptions

pciwinderosion	PCI - Wind Erosion Pasture Condition Indicator - The presence and extent of wind erosion.
pcistreamshoreerosion	PCI - Stream/Shore Erosion Pasture Condition Indicator - The presence and extent of streambank and/or shoreline erosion.
pcigullyerosion	PCI - Gully Erosion Pasture Condition Indicator - The presence and extent of gully erosion.
pcierosioncompscore	PCI - Erosion Comp. Score Pasture Condition Indicator - The overall composite rating for the site based on individual scores for sheet and rill erosion, along with gully, streambank, shoreline, or wind erosion where present.
pcipastureconditionscore	PCI - Pasture Condition Score Pasture Condition Indicator - The overall composite rating for the site based on individual scores for sheet and rill erosion, along with gully, streambank, shoreline, or wind erosion where present.
refplantcommunity	Ref. Plant Community The reference plant community to which the plot is being compared.
repanannualprod	Representative Annual Prod. The expected or representative annual air-dry production of the reference plant community in a normal year, expressed in pounds per acre.
totestannualprod	Total Est. Annual Prod. The total estimated air-dry annual production of all species within the sample plot.
totalallowableannualprod	Total Allowable Prod. The total allowable air-dry annual production of all species within the sample plot.
totalpalatableannualprod	Total Palatable Prod. The total palatable air-dry annual production of all species within the sample plot.
similarityindex	Similarity Index A comparison of current estimated production to that of the reference plant community, expressed as an index of 0 to 100.
annualuseableprod	Annual Useable Prod. The estimated annual air-dry production that is deemed to be available for animal consumption.
harvesteffpct	Harvest Efficiency % The percentage of the total forage production that will on average be harvested by the grazing animals.
takehalfleavehalf	Take 1/2 Leave 1/2 The portion of the estimated annual useable yield using the 'take half leave half' method, expressed as animal unit months (AUM) per acre.
acresperaum	Acres/AUM The estimated annual useable yield expressed as acres per animal unit month (AUM).

NASIS 7.3.3 Table Column Descriptions

aumperacre	AUM/acre
The estimated annual useable yield expressed as animal unit months (AUM) per acre.	
audperacre	AUD/acre
The estimated annual useable yield expressed as animal unit days (AUD) per acre.	
desirableplantvigor	Desirable Plant Vigor
An assessment of the vigor of desirable plant species on the site.	
desirableseedlingabundance	Desirable Seedling Abundance
An assessment of the abundance of desirable plant seedlings on the site.	
decadentplantabundance	Decadent Plant Abundance
An assessment of the abundance of decadent plants on the site.	
plantresidueadequacy	Plant Residue Adequacy
An assessment of the adequacy of plant residue and litter on the site.	
undesirableinvadingspecies	Undesirable Invading Species
An assessment of the abundance of undesirable invading species on the site.	
majorinvadingspecies	Major Invading Species
A listing of invading species on the site.	
invadingspeciescancovpct	Invading Species Can. Cov. %
The percentage of canopy cover attributed to invading species on the site.	
soilsurferosion	Soil Surface Erosion
An assessment of the degree or extent of soil erosion on the site.	
soilcrusting	Soil Crusting
An assessment of the degree or extent of soil crust formation on the site.	
soilcompaction	Soil Compaction
An assessment of the degree or extent of soil compaction on the site.	
baregroundpct	Bare Ground %
An estimate of the percentage of bare ground found on the site.	
gullyrillpresence	Gully & Rill Presence
An assessment of the presence of rills and gullies on the site.	
soildegradationrating	Soil Degradation
An assessment of the degree of soil degradation that has occurred on the site.	

NASIS 7.3.3 Table Column Descriptions

rangetrendcurrent	Current Range Trend
An assessment of the trend of the current plant community on the site towards or away from the historic plant community.	
rangetrendplanned	Planned Range Trend
An assessment of the trend of the current plant community on the site towards or away from the desired or planned plant community based on the producer's objectives for the site.	
qcreviewperson	QC Review Person
The name of the person performing the quality control review of the data.	
qcreviewdate	QC Review Date
The date of the quality control review, expressed as MM/DD/YYYY.	
qareviewperson	QA Review Person
The name of the person performing the quality assurance review of the data.	
qareviewdate	QA Review Date
The date of the quality assurance review, expressed as MM/DD/YYYY.	
swcdlegacy	Legacy SWCD
The name of the Soil & Water Conservation District in which the plot exists as recorded in legacy vegetation inventory data.	
fieldofficelegacy	Legacy Field Office
The NRCS (SCS) field office within a state where the vegetation inventory plot/site exists as was recorded in legacy vegetation inventory data.	
nrscsarealegacy	Legacy SCS/NRCS Area
The NRCS (SCS) administrative area within a state where the vegetation inventory plot/site exists as was recorded in legacy vegetation inventory data.	
aktotallichencoverpct	AK Total Lichen Cover
The total lichen cover in percent. It is proposed as a state (AK) specific attribute. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.	
aktotallitter1coverpct	AK Total Litter1 Cover
The total herbaceous litter and mulch cover in percent. It is proposed as a state (AK) specific attribute. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.	
aktotallitter2coverpct	AK Total Litter2 Cover
The total woody litter and debris > 2.5 cm cover in percent. It is proposed as a state (AK) specific attribute. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.	
aktotalmosscoverpct	AK Total Moss Cover
The total bryophyte cover in percent. It is proposed as a state (AK) specific attribute. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.	
aktotalrockcoverpct	AK Total Surface Fragment Cover
The total surface rock fragment cover in percent. It is proposed as a state (AK) specific attribute. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.	

NASIS 7.3.3 Table Column Descriptions

aktotalsoilcoverpct	AK Total Bare Soil Cover
The total bare soil cover in percent. It is proposed as a state (AK) specific attribute. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.	
aktotalwatercoverpct	AK Total Surface Water Cover
The total surface water cover in percent. It is proposed as a state (AK) specific attribute. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.	
akecologicalsitestatus	AK Ecological Site Status
Ecological_Site_Status is used to track which vegetative community each plot belongs to within an ecological site. This places a plot within a community and within a sere of the community. All sites are given an Ecological_Site_Id and an Ecological_Site_Status. This informs the user which Ecological_Site_Id that point belongs to and also which disturbance it underwent and how long ago.	
aktotalbedrockcoverpct	AK Total Surface Bedrock Cover
The total surface bedrock cover in percent. It is proposed as a state (AK) specific attribute. This attribute is to be used to accommodate only the respective attribute included in Alaska's AK SITE databases.	
akfieldecositeid	AK fEcosite
AK_Field_Ecological_Site_Id is used to track which Ecological Site Id the site has been assigned to during the project. At the end of the project, this value will be combined with other appropriate values to construct a valid Ecological_Site_Id which exists in ESIS. It is a three numeric character field with padded leading zeros, if necessary. Such as, 003 or 055, or 234. It is used as a short cut method of communication among the project members and perhaps other closely related projects.	
vegplotdbiidref	Veg Plot NASIS Site
The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.	
grpriidref	NASIS Group
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.	
objwupdated	Object Last Updated
The date and time the corresponding object was last updated.	
objuseriidref	Object Last Updated By
The key of the NASIS user who last updated the corresponding object.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
vegplotiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be	

edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: vegplottext
Table Label: Vegetation Plot Text

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
vegplottextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
vegplottextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: vegtransect
Table Label: Vegetation Transect

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
vegtransectid	Veg Transect ID	A unique alphanumeric identifying code for the vegetation transect.
transectstartlatitude	Start Latitude (WGS84)	The latitudinal start point of the transect, expressed in decimal degrees, WGS84 datum.
transectstartlongitude	Start Longitude (WGS84)	The longitudinal start point of the transect, expressed in decimal degrees, WGS84 datum.
transectendlatitude	End Latitude (WGS84)	The latitudinal end point of the transect, expressed in decimal degrees, WGS84 datum.
transectendlongitude	End Longitude (WGS84)	The longitudinal end point of the transect, expressed in decimal degrees, WGS84 datum.
transectazimuth	Transect Azimuth	The direction of the transect, from starting point.
transectlength	Transect Length	The length of the transect, in feet.
transectstartelevation	Start Elevation	The elevation of the start point of the transect.
transectendelevation	End Elevation	The elevation of the end point of the transect.
dblsampquadratssampled	# of Dbl. Samp. Quadrats Sampled	The total number of quadrats that were sampled during a vegetation inventory when using the double sampling method.
dblsampquadratsclipped	# of Dbl. Samp. Quadrats Clipped	The number of quadrats that were clipped during a vegetation inventory when using the double sample method.

NASIS 7.3.3 Table Column Descriptions

nestedfreqquadratssampled	# of Nested Freq. Quadrats Sampled
The total number of quadrats that were sampled during a vegetation inventory when using nested frequency method.	
freqquadratssampled	# of Frequency Quadrats Sampled
The total number of quadrats that were sampled during a vegetation inventory when using frequency method.	
dwrquadratssampled	# of DWR Quadrats Sampled
The total number of quadrats that were sampled during a vegetation inventory when using Dry Weight Rank method.	
daubenmirequadratssampled	# of Daubenmire Quadrats Sampled
The total number of quadrats that were sampled during a vegetation inventory when using Daubenmire method.	
quadratsizedomlegacy	Dominant Quadrat Size - Legacy
The dominant quadrat size used during data collection on a plot as recorded in legacy data.	
quadratsizeseclegacy	Secondary Quadrat Size - Legacy
The secondary quadrat size used during data collection on a plot as recorded in legacy data.	
quadratshapedomlegacy	Dominant Quadrat Shape - Legacy
The dominant quadrat shape used during data collection on a plot as recorded in legacy data.	
quadratshapseclegacy	Secondary Quadrat Shape - Legacy
The secondary quadrat shape used during data collection on a plot as recorded in legacy data.	
beltwidth	Belt Width
The width of the belt transect.	
dblsampannualprod	DbI. Sampling Annual Prod
The total annual production of all plant species on the transect as measured by the Double Sampling protocol.	
totharvestannualprod	Total Harvest Annual Prod
The total annual production of all plant species on the transect as measured by the Double Sampling protocol.	
wtunitannualprod	Weight Unit Annual Prod
The total annual production of all plant species on the transect as measured by the Weight Unit Estimate protocol.	
dwrannualprod	DWR Annual Prod
The total annual production of all plant species on the transect as measured by the Dry Weight Rank protocol.	
comparativeyieldprod	Comparative Yield Annual Prod
The total annual production of all plant species on the transect as measured by the Comparative Yield protocol.	
comparativeyieldranktotal	Total Comparative Yield Rank
The sum total of the individual estimated yield rank observations made along the transect.	
comparativeyieldrankave	Ave. Comparative Yield Rank

NASIS 7.3.3 Table Column Descriptions

The numeric average of the individual estimated yield rank observations along the transect, computed as "comparative yield rank total" divided by the number of observations.

comparativerefclipwtave Comparative Ref. Clipped Wt. Ave.

The average fresh (green) weight, in grams, of the five clipped reference quadrats along the transect.

abovegroundbiomasstotal Total Above Ground Biomass

The air-dry weight, in pounds per acre, of the total above ground biomass (including loose plant residue, litter, and downed wood) of all plant species for the transect.

standingherbbiomass Standing Herbaceous Biomass

The air-dry weight, in pounds per acre, of standing herbaceous biomass (attached to rooted plants) of all plant species for the transect.

transectbasalcovpct Transect Basal Cover %

The total percentage of the transect covered by the basal portion of plants.

basalcovpcttotal Total Basal Cover %

The total basal cover of all plant species along a transect.

basalgapsizemin Minimum Basal Gap Size

The minimum basal gap size considered for the gap intercept protocols on a transect.

canopygapsizemin Minimum Canopy Gap Size

The minimum canopy gap size considered for the gap intercept protocols on a transect.

gapsmeasuredbetween Gaps Measured Between

An indication of the type of plant(s) that basal and/or canopy gaps were measured between.

canopygaplengthtotal Total Canopy Gap Length

The total length of canopy gaps along a transect.

canopygappcttotal Total Canopy Gap %

The percentage of the transect covered by gaps in the canopy.

basalgaplengthtotal Total Basal Gap Length

The total length of basal gaps along a transect.

basalgappcttotal Total Basal Gap %

The percentage of the transect covered by gaps in plant basal cover.

understoryreprodabundance Understory Reprod. Abundance

A class indicating the abundance of plant reproduction in the understory.

woodyunderstoryabundance Woody Understory Abundance

A class indicating the abundance of woody plants in the understory.

herbundertoryabundance Herb. Understory Abundance

A class indicating the abundance of herbaceous plants in the understory.

NASIS 7.3.3 Table Column Descriptions

lichensunderstoryabundance	Lichens Understory Abundance
A class indicating the abundance of lichens or mosses in the understory.	
cancovpcttotaltrans	Transect Total Canopy Cover %
The cumulative canopy cover percent of all species along the transect.	
cancovtotalclasstrans	Transect Total Canopy Cover Class
The cumulative canopy cover percent of all species along the transect, expressed as a class.	
cancovassessmethod	Canopy Cover Assess. Method
The method used to determine canopy cover.	
crowncanclosurepct	Crown Canopy Closure %
The percent of crown closure of the overstory species.	
crowncancloseassessmethod	Crown Can. Closure Assess. Meth.
The method used to obtain the crown canopy closure percentage.	
crowncompfactorlpp	LPP Crown Competition Factor
An index number indicating the crown competition factor for lodgepole pine.	
crowncomplppavedbh	LPP Crown Comp. Ave DBH
The average diameter at breast height (DBH), typically 4.5 feet above ground level, of the lodgepole pine stand being evaluated. This value is used in computing the crown competition	
overstorycancovpcttrans	Overstory Canopy Cover %
The canopy cover percent of all species in the overstory stratum along the transect.	
overstorycancovclasstrans	Overstory Canopy Cover Class
The canopy cover percent of all species in the overstory stratum along the transect, expressed as a class.	
groundcovassessmethod	Gr. Cover Assess. Method
The method used to assess ground cover.	
groundcovquadratssampled	# of Gr. Cover Quadrats Sampled
The total number of quadrats on the transect sampled for ground cover.	
groundcovpointssampled	# of Gr. Cover Points Sampled
The total number of points on the transect sampled for ground cover.	
groundsurfcovassessmethod	Gr. Surf. Cover Assess. Method
The method used to assess ground surface cover.	
groundsurfcovquadratsamp	# of Gr. Surf. Cover Quadrats Sampled
The total number of quadrats on the transect sampled for ground surface cover.	

NASIS 7.3.3 Table Column Descriptions

groundsurfcovpointssamp	# of Gr. Surf. Cover Points Sampled
The total number of points on the transect sampled for ground surface cover.	
lpiobsinterval	LPI Observation Interval
The distance between observation points along the transect when using Line-Point Intercept protocol.	
totalpointssampledcount	Total # of Points Sampled
The total number of points sampled along the transect.	
topcanopyhtave	Top Canopy Ht. Ave.
The average height of plants in the top canopy layer along the transect.	
topcanopyhtstddev	Top Canopy Ht. Std. Dev.
The standard deviation of the height of plants in the top canopy layer along the transect.	
totalnumplantsbelt	Total # Plants - Belt
The total number of plants found using the belt transect protocol.	
totalnumspeciesbelt	Total # Species - Belt
The total number of species found using the belt transect protocol.	
totalplantdensitybelt	Total Density - Belt
The total plant density of all species found using the belt transect protocol.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
vegtransectiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: vegtransectplantsummary
 Table Label: Vegetation Transect Plant Summary

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
plantnativity	Plant Nativity	The nativity of the plant species.
planttypegroup	Plant Type Group	The designation of a plant type group being inventoried by lifeform.
planheightcllowerlimit	Height Class Lower Limit	The lower height limit of the plant height class being described.
planheightclupperlimit	Height Class Upper Limit	The upper height limit of the plant height class being described.
sociabilityclass	Sociability Class	An indication of how individual plants of a species exist within the sample area in relation to one another.
specieslivecanhtbotave	Ave. Live Canopy Ht. Bottom	The average height to the bottom of the canopy of measured trees of a species.
specieslivecanhttopave	Ave. Live Canopy Ht. Top	The average height to the top of the canopy of measured trees of a species. Synonymous with 'tree height'.
overstorydbhmin	Overstory DBH Minimum	The lower end of the range of diameter at breast height (DBH) for trees > 15 feet in height of a particular species in the overstory stratum.
overstorydbhmax	Overstory DBH Maximum	The upper end of the range of diameter at breast height (DBH) for trees > 15 feet in height of a particular species in the overstory stratum.
speciesovercancovpct	Overstory Canopy Cover %	

The total percent canopy cover of trees of a particular species in the overstory stratum.

speciesovercancovclass Overstory Canopy Cover Class

The total percent canopy cover of trees of a particular species in the overstory stratum, expressed as a class.

plantprodquadratsize Plant Prod Quadrat Size

The total area of the vegetation quadrat used.

plantprodquadratshape Plant Prod Quadrat Shape

The shape of the quadrat used. Most common shapes are rectangular and circular.

nestedfreqquadratsize Nested Freq. Quadrat Size

The total area of the vegetation quadrat used.

nestedfreqquadratshape Nested Freq. Quadrat Shape

The shape of the quadrat used. Most common shapes are rectangular and circular.

frequencyquadratsize Freq. Quadrat Size

The total area of the vegetation quadrat used.

frequencyquadratshape Freq. Quadrat Shape

The shape of the quadrat used. Most common shapes are rectangular and circular.

dwrquadratsize DWR Quadrat Size

The total area of the vegetation quadrat used.

dwrquadratshape DWR Quadrat Shape

The shape of the quadrat used. Most common shapes are rectangular and circular.

densityquadratsize Density Quadrat Size

The total area of the vegetation quadrat used.

densityquadratshape Density Quadrat Shape

The shape of the quadrat used. Most common shapes are rectangular and circular.

speciestotwtclippedest Total Clipped Wt.- Estimated

The total estimated fresh (green) weight, in grams, of all clipped quadrats.

speciestotwtclippedfresh Total Clipped Wt. - Fresh

The total actual fresh (green) weight, in grams, of all clipped quadrats.

speciestotwtclippedairdry Total Clipped Wt. - Air-dry

The total air-dry weight of a species that was clipped from all quadrats.

speciestotwtairdry Total Wt. - Air-dry

The total air-dry weight of a species from all quadrats.

NASIS 7.3.3 Table Column Descriptions

speciestotwttest	Total Wt. - Estimated The total estimated fresh (green) weight, in grams, of all estimated quadrats.
speciestotwtexisting	Total Wt. - Existing "Species Total Estimated Wt of All Quadrats " multiplied by "Double-Sampling Correction Factor".
speciesdrywtpct	Dry Weight % The percent dry weight used to convert fresh weight to air-dry weight.
speciestotwt	Species Total Wt. "Species Total Existing Wt" multiplied by "Double sampling Correction Factor" (formerly called Plot Correction Factor).
speciesaveyielddblsamp	Dbl. Sampling Ave. Yield The computed average production for a particular species across all quadrats using the double sampling protocol.
speciescomppctdblsamp	Dbl. Sampling Composition % The percentage of the total plant community occupied by a particular plant species as determined by the Double Sampling method.
speciescomppctdaubenmire	Daubenmire Composition % The percentage of the total plant community occupied by a particular plant species as determined by the Daubenmire method.
speciescomppctlineintercept	Line Intercept Composition % The percentage of the total plant community occupied by a particular plant species as determined by the Line Intercept method.
speciestraceamtflag	Trace Amount ? A yes/no indicator that a 'trace' amount of a species exists. A 'trace' is defined as 'less than a measureable amount'.
weightconvfactor	Wt. Conversion Factor A conversion factor used to convert weights obtained from quadrats to standard units of pounds per acre. The value varies based on the size of quadrat used.
dblsampcorrectionfactor	Dbl. Sampling Correction Factor The correction factor to convert estimated weights to actual weights for a plant species, computed as "Species Total Wt of Clipped Quadrats" divided by "Species Total Estimated Wt of Clipped Quadrats". Formerly called 'plot correction factor'.
airdrywtadjustment	Air-dry Wt. Adjustment An adjustment factor that accounts for the amount (percentage) of moisture contained in the vegetation at the time of clipping, expressed as a decimal fraction ranging from 0.01 to 1.0.
utilizationadjustment	Utilization Adjustment An adjustment factor that accounts for the amount (percentage) of vegetation removed by herbivory or other loss, expressed as a decimal fraction ranging from 0.01 to 1.0.
growthadjustment	Growth Adjustment An adjustment factor that accounts for the proportion of annual plant growth that has occurred at the time of clipping, expressed as a decimal fraction ranging from 0.01 to 1.0.
weatheradjustment	Weather Adjustment An adjustment factor that accounts for the growing condition of the clipping year as compared to long-term annual growth conditions, expressed as a decimal fraction ranging from 0.01 to 1.0.

NASIS 7.3.3 Table Column Descriptions

numberofquadratsin	# of Quadrats In
The number of quadrats along the transect that a particular species occurs in.	
speciesfreqdaubenmire	Species Frequency - Daubenmire
For a given species, the percentage of quadrats or points along the transect where the species was found using the Daubenmire method.	
dwrnetally	DWR 1 Tally
For a given species, the number of quadrats where "Dry Weight Rank 1" of the "DWR Quadrat Details" child table = "Yes".	
dwrwtotally	DWR 2 Tally
For a given species, the number of quadrats where "Dry Weight Rank 2" of the "DWR Quadrat Details" child table = "Yes".	
dwrthreetally	DWR 3 Tally
For a given species, the number of quadrats where "Dry Weight Rank 3" of the "DWR Quadrat Details" child table = "Yes".	
dwrweightedtally	DWR Weighted Tally
For a given species (DWR 1 Tally x 7) + (DWR 2 Tally x 2) + (DWR 3 Tally x 1).	
speciescompctdwr	DWR Composition %
For a given species, "DWR Weighted Tally" multiplied by 10, divided by the number of quadrats sampled.	
speciesaveyielddwr	DWR Ave. Yield
The computed average production for the species across all quadrats using the Dry Weight Rank protocol.	
wtunitweight	Wt. Unit Weight
The clipped and weighed fresh weight of the reference weight unit for a particular species collected near but outside the transect area. It is a repeatable unit for the particular plant species. It can consist of a plant part, and entire plant, or a group of plants. Select a weight unit that is easy to identify, count, and remember.	
wtunitcounttotal	Total # of Wt. Units
The total number of weight units estimated for a particular species.	
speciesaveyieldwtunit	Wt. Unit Ave. Yield
The computed average production for the species across all quadrats using the weight unit weight protocol.	
wtunitwtclippedtotal	Total Wt. Unit Weight Clipped
The total clipped and weighed fresh weight of the weight unit quadrats that were clipped for a particular species.	
speciescancovhitcount	# of Canopy Cover Hits
The total number of canopy hits of a species along the transect.	
speciescancovpct	Canopy Cover %
The estimated canopy cover percent of a species.	
speciescancovpctavedaub	Canopy Cover % Ave. - Daubenmire
The estimated average canopy cover percent of a species as determined by the Daubenmire method.	

NASIS 7.3.3 Table Column Descriptions

speciescancovaveclass	Canopy Cover Ave. Class For a given species, the modal value in the "Canopy Cover Class" column from the "Transect Canopy Cover Class Summary" child table for a transect, expressed as a class.
speciesfoliarcovhitcount	# of Foliar Cover Hits The total number of foliar cover hits of a species along the transect.
speciesfoliarcovpctlineint	Foliar Cover % - Line Int. For a given species, the percentage of points along a transect where foliar cover of that species was encountered using the Line Point Intercept protocol. Computed by the number of points where "Foliar Cover" = "Yes", divided by the total number of points sampled, multiplied by 100.
speciestotfoliarcovlineint	Total Foliar Cover - Line Int. The total length along a transect occupied by foliar cover of a particular species.
speciesbasalcovhitcount	# of Basal Cover Hits The total number of basal cover hits of a species along the transect.
speciesbasalcovpctlineint	Basal Cover % - Line Int. For a given species, the percentage of points along a transect where basal cover of that species was encountered using the Line Point Intercept protocol. Computed by the number of points where "Basal Cover" = "Yes", divided by the total number of points sampled, multiplied by 100.
speciestotbasalcovlineint	Total Basal Cover - Line Int. The total length along a transect occupied by basal cover of a particular species.
maturecounttotal	Total # of Mature Plants The total number of mature plants for a given plant species within all quadrats on the transect.
maturedensityave	Average Mature Density The average number of mature plants per quadrat, for a given plant species over all quadrats on the transect.
maturedensityaveclass	Average Mature Density Class A class indicating the density of mature plants of a species per quadrat. Dependent on quadrat size recorded for the species being counted.
seedlingcounttotal	Total # of Seedling Plants The total number of seedling plants for a given plant species within all quadrats on the transect.
seedlingdensityave	Average Seedling Density The average number of seedling plants per quadrat, for a given plant species over all quadrats on the transect.
seedlingdensityaveclass	Average Seedling Density Class A class indicating the density of seedling plants of a species per quadrat. Dependent on quadrat size recorded for the species being counted.
speciesgroundcovabundclass	Ground Cover Abundance Class A class representing the proportion of the total ground cover of each species along the transect.
speciescancovportion	% of Total Canopy Cover

NASIS 7.3.3 Table Column Descriptions

The percent of the total canopy along the transect that is attributed to a particular species.

speciesbasalarea Basal Area

The total basal area measured of a particular species.

basalareaassessmethod Basal Area Assess. Method

The method used to determine basal area.

recwupdated Record Last Updated

The date and time the corresponding record was last updated.

recuseriidref Record Last Updated By

The key of the NASIS user who last updated the corresponding record.

vegtransplantsummiid Rec ID

An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: vegtransecttext
Table Label: Vegetation Transect Text

Column Physical Name	Column Label	Column Description
vegtransectiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
recdate	Date	The date associated with a particular record, expressed as month, day, year—xx/xx/xxxx.
recauthor	Author	Name of the person who entered, or is responsible for, a particular record.
vegtransecttextkind	Kind	A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.
textcat	Category	A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".
textsubcat	Subcategory	A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".
textentry	Text Entry	The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseriidref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
vegtranstextiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: windbreakrowdata
Table Label: Windbreak Row Data

Column Physical Name	Column Label	Column Description
vegplotiidref	Lineage	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
seqnum	Seq	Sequential number of the feature being described.
windbreakrowid	Row ID	An identifier indicating the position of the row within the windbreak, generally a number beginning with '1' for the row on the west or north side of the windbreak depending on the orientation of the windbreak. If multiple species are planted in the same row, an uppercase letter beginning with 'A' for the first species, 'B' for the second species, etc., is added to the number to identify a segment of a row where each species is planted.
plantiidref	Plant	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
growingseasoncount	# of Growing Seasons	The number of growing seasons since the tree or shrub was planted in a windbreak row.
speiescondition	Species Condition	The general condition class of the identified species in a windbreak row.
crownspreadleft	Crown Spread Left	The average distance that the crown extends to the left of the evaluation row. Left is towards row #1.
crownspreadright	Crown Spread Right	The average distance that the crown extends to the right of the evaluation row. Right is away from row #1.
spacingbetweenrows	Spacing Between Rows	The distance between a row of trees or shrubs within a windbreak, and its adjacent rows.
spacingwithinrow	Spacing Within Row	The distance between individual trees or shrubs within a row of a windbreak.
cultivationpast	Cultivation Past	An indicator of the extent of cultivation activities in past years.
cultivationpresent	Cultivation Present	An indicator of the extent of cultivation activities during the current year.

NASIS 7.3.3 Table Column Descriptions

speciesdbhaverage	DBH Average
The average diameter at breast height (DBH) of the identified species.	
diseasekind	Disease Kind
The dominant type of disease causing the damage.	
diseasedamagedegree	Disease Damage Degree
An indication of the degree of damage to the plants by disease.	
injurykind	Injury Kind
The dominant type or source of injury causing damage to the plants.	
injurydamagedegree	Injury Damage Degree
An indication of the degree of damage to the plants by some injury.	
insectkind	Insect Kind
The dominant type of insect causing damage to the plants.	
insectdamagedegree	Insect Damage Degree
An indication of the degree of damage to the plants by insects.	
groundcoverextent	Ground Cover Extent
An indication of the extent and type of ground cover within the windbreak row.	
heightlivecrownleft	Ht. to Live Crown Left
The average height to live crown on the left side (towards row #1) of the row being evaluated.	
heightlivecrownright	Ht. to Live Crown Right
The average height to live crown on the right side (away from row #1) of the row being evaluated.	
survivalpct	Survival %
The percentage of plants of the species within a row that are surviving at the time of observation.	
windbreakrowhtave	Row Ht. Average
The average height of all plants of a particular species in the windbreak row.	
windbreakrowhtmaxave	Row Ht. Max. Aveage
The average height of the two tallest plants of a particular species in the windbreak row.	
reprodabundanceclass	Reproduction Abundance Class
An indication of the abundance of reproduction of a windbreak species.	
rootdepthfew	Rooting Depth Few
The depth to the lower boundary in the soil profile in which roots of trees or shrubs are described as being 'few' (<1 per unit area) in abundance.	

NASIS 7.3.3 Table Column Descriptions

rootdepthcommon	Rooting Depth Common
The depth to the lower boundary in the soil profile in which roots of trees or shrubs are described as being 'common' (1 to <5 per unit area) in abundance.	
rootdepthmany	Root Depth Many
The depth to the lower boundary in the soil profile in which roots of trees or shrubs are described as being 'many' (>=5 per unit area) in abundance.	
suppressiondegreeleft	Suppression Degree Left
An indicator of the level of suppression of plants in the row being evaluated by plants in a row to its left (towards row #1).	
suppressionrowleft	Suppression Row ID Left
The row position identifier of the row to the left that is causing the suppression.	
suppressiondegreeright	Suppression Degree Right
An indicator of the level of suppression of plants in the row being evaluated by plants in a row to its right away from row #1).	
suppressionrowright	Suppression Row ID Right
The row position identifier of the row to the right that is causing the suppression.	
vitalnotesindicator	Vital Notes ?
A yes/no indicator of whether or not vital notes about a windbreak row are recorded.	
soiltaxonrangeindicator	Within Soil Taxon Range ?
A yes/no indicator of whether or not the soil in a windbreak is within the range of characteristics of the soil series described for the site.	
notes	Notes
Notes describing decisions, issues, or other history related to the record.	
recwupdated	Record Last Updated
The date and time the corresponding record was last updated.	
recuseriidref	Record Last Updated By
The key of the NASIS user who last updated the corresponding record.	
windbreakrowdataiid	Rec ID
An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.	

NASIS 7.3.3 Table Column Descriptions

Table Physical Name: wsimportmap
Table Label: Worksheet Import Map

Column Physical Name	Column Label	Column Description
wbname	Workbook Name	The name of an Excel workbook that was created for a specific data collection effort, e.g. Rapid Carbon Assessment or Dynamic Soil Properties.
wbversion	Workbook Version	The version number of an Excel workbook that was created for a specific data collection effort, e.g. Rapid Carbon Assessment or Dynamic Soil Properties. Workbook version is a two part number separated by a period, where the part to left of the period corresponds to major version and the part to the right of the period corresponds to the minor version.
wsname	Worksheet Name	The name of a worksheet in an Excel workbook.
wsimportmapping	Worksheet Import Mapping	An XML specification of the mapping between the cells in an Excel worksheet and the columns in one or more database tables into which all or part of the data in the worksheet will be imported.
wsimportmapdbiidref	Worksheet Import Map NASIS Site	The internal ID (integer) of the NASIS Site that currently owns an object. Also known as the "owning NASIS Site ID". This value is assigned by NASIS and can only be changed by using the "Change Owner" function in NASIS.
grpiidref	NASIS Group	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record in another table. Also known as part (or all) of a "foreign key". In cases where the _iid_ref is used as part of a lookup (choice list) into another table, NASIS users can edit this value by entering a valid choice and thus "link" to a record in another table. In all other cases, this value is managed by NASIS and cannot be edited.
objwupdated	Object Last Updated	The date and time the corresponding object was last updated.
objuseridref	Object Last Updated By	The key of the NASIS user who last updated the corresponding object.
recwupdated	Record Last Updated	The date and time the corresponding record was last updated.
recuseridref	Record Last Updated By	The key of the NASIS user who last updated the corresponding record.
wsimportmapiid	Rec ID	An internal ID (integer) that is part (or all) of a key that uniquely identifies a record. Also known as part (or all) of the "primary key". This value is managed by NASIS and cannot be edited.