

Rose Borden
INSC 524 Metadata
Assignment 4 Part I: Specification

Name	sampleCollector
Label	Primary Collector
URI	http://schema.igsn.org/description/1.0/include/identifierType.xsd
Definition	An entity primarily responsible for the collection of the sample; Personal: Last, First
Obligation & Occurrence	required
Example	Smith, Jane
Comment	

Name	projectName
Label	Project Name
URI	Schema.utk.edu/projectName.xsd
Definition	Name of the research project; Sentence, first letter capitalized
Obligation & Occurrence	optional
Example	Investigating the Origins of the North Blaine Granite
Comment	

Name	projectIdentifier
Label	Project ID
URI	Schema.utk.edu/projectIdentifier
Definition	Internal ID number for the project; Character string, 8 characters
Obligation & Occurrence	optional
Example	AD1029GH
Comment	

Name	principalInvestigator
Label	Principal Investigator
URI	Schema.utk.edu/principalInvestigator
Definition	Responsible for the project under which this sample was collected; Personal: Last, First
Obligation & Occurrence	optional
Example	Williams, Sheila
Comment	

Name	sampleIdentifier
Label	IGSN

URI	http://schema.igsn.org/description/1.0/include/identifierType.xsd
Definition	The registered International GeoSample Number; Character string, 9 characters
Obligation & Occurrence	required
Example	APB000022
Comment	

Name	classification
Label	Rock Type
URI	Schema.utk.edu/classification
Definition	Official rock classification; Igneous/metamorphic/sedimentary>modifier>rock name
Obligation & Occurrence	required
Example	Igneous>Plutonic>Granite
Comment	

Name	sampleDescription
Label	Sample Description
URI	schema.utk.edu/sampleDescription
Definition	Free text description of the sample

Obligation & Occurrence	required
Example	Euhedral white plagioclase and black biotite, anhedral grayish quartz
Comment	

Name	locationDescription
Label	Location Description
URI	Schema.utk.edu/locationDescription
Definition	Free text description of the location where the sample was found
Obligation & Occurrence	required
Example	Outcrop on the south side of highway 129 at milepost 54
Comment	

Name	country
Label	Country
URI	Schema.utk.edu/country
Definition	The country where the sample was found; Recognized abbreviation
Obligation & Occurrence	required
Example	USA

Comment	
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Name	stateProvince
Label	State/Province
URI	Schema.utk.edu/stateprovince
Definition	The state or province where the sample was found, if the country has them; Postal code abbreviation
Obligation & Occurrence	optional
Example	WA
Comment	

Name	county
Label	County
URI	Schema.utk.edu/county
Definition	The county where the sample was found, if not in a city; Official name, first letter capitalized
Obligation & Occurrence	optional
Example	King
Comment	

Name	city
Label	City
URI	Schema.utk.edu/city
Definition	The city or township where the sample was found; official name, first letter capitalized
Obligation & Occurrence	optional
Example	Kent
Comment	

Name	collectionDate
Label	Date collected
URI	Schema.utk.edu/collectionDate
Definition	The date when the sample was collected; YYYY-MM-DD
Obligation & Occurrence	required
Example	2012-10-28
Comment	

Name	collectionTime
Label	Time collected

URI	Schema.utk.edu/collectiontime
Definition	The time when the sample was collected in Universal Time; 00:00:00 UT
Obligation & Occurrence	required
Example	13:42:00 UT
Comment	

Name	latitude
Label	Latitude
URI	Schema.utk.edu/latitude
Definition	The latitude at which the sample was collected, in decimal degrees, negative values for Southern latitudes
Obligation & Occurrence	required
Example	35.928026
Comment	

Name	longitude
Label	Longitude
URI	Schema.utk.edu/longitude
Definition	The longitude at which the sample was collected, in decimal degrees, negative values for Western longitudes

Obligation & Occurrence	required
Example	-84.041897
Comment	

Name	collectionMethod
Label	Collection Method
URI	Schema.utk.edu/collectionmethod
Definition	Method of sample collection; value from list
Obligation & Occurrence	required
Example	Manual>Hammer
Comment	

Name	geologicUnit
Label	Geologic Unit
URI	Schema.utk.edu/geologicunit
Definition	The recognized geologic unit where the sample was found, if there is one
Obligation & Occurrence	optional
Example	North Blaine granite

Comment	
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