Data Dictionary for Cave Report Database

Caves Table

Unique Text Identifying Values	Description	Type
Cv_Index	Unique ID describing each cave	INT
ICS_No	Unique ID provided by the ICS for the cave	VARCHAR(5)
Cave_Nm	The caves name	VARCHAR(50)
Length	The total length of the cave	INT
Est_Length	The estimated length of the cave	VARCHAR(2)
Depth	The total vertical depth of the cave	INT
Est_Depth	The estimated depth of the cave	VARCHAR(2)
Hazards	Any special hazards that are in the cave	VARCHAR(250)
Equipment	Any specialized equipment that might be needed when traveling through the cave	VARCHAR(5)
Cv_Life	Any cave life that is found in the cave	VARCHAR(250)
Comments	Comments about the cave	LONGTEXT
Active_Start_Date	The creation date of the cave	TIMESTAMP
Creation_User	The user that created the cave	CHAR(10)

Entrances Table

Cv_Index	A foreign key of the Caves table that references the unique ID for that particular cave	INT
Ent_Index	Unique ID describing each entrance of the cave	INT
Ent_Name	The entrance name	VARCHAR(50)
Co_Name	The county name that the entrance is in	VARCHAR(15)
Quad_Name	The quadrangle that the entrance is in	VARCHAR(20)
Town	The town range that the entrance is in	VARCHAR(4)
Range	The range that the entrance is in	VARCHAR(4)

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Section	The section that the entrance is in	CHAR(2)
Quarters	The quarter that the entrance is in	VARCHAR(8)
DecLat	The latitude decimal that the entrance is in	VARCHAR(20)
DecLong	The longitude decimal that the entrance is in	VARCHAR(20)
DecLatLonType	Code for GPS or Calculated from map or other location	CHAR(1)
DegLat	The latitude degrees that the entrance is in	VARCHAR(20)
DegLong	The longitude degrees that the entrance is in	VARCHAR(20)
DegLatLonType	Code for GPS or Calculated from map or other location	CHAR(1)
UTM_N	North part of UTM location	VARCHAR(7)
UTM_E	East part of UTM location	VARCHAR(7)
UTMType	Code for GPS or calculated	CHAR(1)
Elev	The elevation of the entrance in feet	VARCHAR(4)
ElevType	Code for GPS or calculated	CHAR(1)
Ent_Dim	The dimensions of the entrance	VARCHAR(12)
Ent_Type	The type of entrance it is	VARCHAR(25)
Ind_Topo	The type of topo indication as noticed on a topo map	VARCHAR(25)
Ind_Field	The type of field indication as noticed in the field	VARCHAR(50)
Rock_Type	The rock type of the entrance	VARCHAR(1)
Geol_Form	The geological formation of the entrance	VARCHAR(2)
Disc_Date	The discovery date of the entrance	TIMESTAMP
Disc_Crew	The discovery crew that found the entrance	CHAR(10)
Owner_Name	The owner's name of the entrance	VARCHAR(100)

Owner_Email	The owner's email	VARCHAR(50)
Owner_Phone	The owner's phone number	VARCHAR(50)
Owner_Address	The owner's address	VARCHAR(100)
Owner_City	The owner's city	VARCHAR(50)
Owner_State	The owner's state	VARCHAR(2)
Owner_Status	The status of the owner	VARCHAR(50)
Owner_HNF	If the cave is on HNF property	VARCHAR(1)
Owner_ZipCode	The owner's zipcode	VARCHAR(5)
Ent_photo_name	The name of the photo for the entrance	VARCHAR(100)
ICS_Status	ICS status of the entrance	VARCHAR(1)
Ent_Status	Entrance status	VARBINARY(1)
Active_Start_Date	The creation date of the entrance	IMESTAMP
Creation_User	The user that added the entrance	CHAR(10)

Alias Table

Cv_Index	A foreign key of the Caves table that references the unique ID for that particular cave	INT
Alias_Index	Unique ID describing each alias of the cave	INT
Alias_Number	(Depreciated) The count of aliases for a cave	INT(4)
Alias	The alias for a cave	VARCHAR(250)
Active_Start_Date	The creation date of the alias	TIMESTAMP
Creation_User	The user that created the alias	CHAR(10)

Pits Table

Cv_Index	A foreign key of the Caves table that references the unique ID for that particular cave	INT
Pit_Index	Unique ID describing a pit	INT
Drop_Depth	The vertical depth of the drop	INT
Drop_Order	Drop order from entrance to deepest point	VARCHAR(2)

Drop_Name	Name of pit if any	VARCHAR(250)
Active_Start_Date	The creation date of the pit	TIMESTAMP
Creation_User	The user that created the pit	CHAR(10)

References Table

Cv_Index	A foreign key of the Caves table that references the unique ID for that particular cave	INT
ref_Index	Unique ID describing the reference	INT
Best	Boolean value to associate the best reference for the cave	SMALLINT
References	Text for reference, usually publication info	VARCHAR(250)
Author	The author of the reference	VARCHAR(100)
Date	The date of the reference	DATE
Active_Start_Date	The creation date of the reference	TIMESTAMP
Creation_User	The user that created the reference	CHAR(10)

Maps Table

Cv_Index	A foreign key of the Caves table that references the unique ID for that particular cave	INT
Map_Index	Unique ID describing the map	INT
Map_Status	Map Status code describing how far along the survey is	VARCHAR(1)
Sur_Type	Survey code that describes what type of survey it is	VARCHAR(1)
Leng_Type	The type of length done on the map with the survey	CHAR(10)
Sur_Length	Survey length	INT
Sur_Depth	The vertical depth of the cave	INT
Surveyor	Surveyor of the cave	VARCHAR(20)
Date	Date of survey	VARCHAR(10)

Reference	Survey reference, usually publication info	VARCHAR(10)
Map_Comments	Comments about the map	VARCHAR(250)
Cave_des	File name for the cave description	VARCHAR(100)
Cave_map	File name for the cave map	VARCHAR(100)
Active_Start_Date	The creation date of the map	TIMESTAMP
Creation_User	The user that created the map	CHAR(10)

Reporter Table

Cv_Index	A foreign key of the Caves table that references the unique ID for that particular cave	INT
Reporter_Index	Unique ID describing the reporter	INT
Fname	The first name of the reporter	VARCHAR(50)
Lname	The last name of the reporter	VARCHAR(50)
Email	The email of the reporter	VARCHAR(50)
Affiliation	The affiliation of the reporter	VARCHAR(50)
NSS	The NSS number of the reporter	VARCHAR(10)
Date_Orig	(Depreciated)	VARCHAR(10)
Date_Last	(Depreciated)	VARCHAR(10)

Lookup Tables

Quadrangle Names

Quads	quad names for entrance	VARCHAR(20)

Location Type

Code	Code for length types	CHAR(1)
Type	Text for type of length	VARCHAR(15)

Elevation Source

Code	Code for elevation types	CHAR(1)

Type	Text for type of elevation	VARCHAR(5)

Rock

Code	Code for rock types	CHAR(1)
Type	Text for rock types	VARCHAR(50)

Geology

Code	Code for formation type	CHAR(1)
Type	Geologic Formation name	VARCHAR(50)

ICS Status

Code	Code for ICS status	CHAR(1)
Type	Text for type of code	VARCHAR(50)

Entrance Status

Code	Code for entrance status	CHAR(1)
Type	Text for type of status	VARCHAR(50)

Form Status

Code	Code for form status	CHAR(1)
Type	Text for type of status	VARCHAR(50)

Township

Tloc	Township names	VARCHAR(20)

Range

Trange	Range	VARCHAR(4)

Section

Tsection	Section	VARCHAR(4)

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Counties

County	county	VARCHAR(250)

Length Type

Code	Code for length	CHAR(1)
Type	Text for length types	VARCHAR(50)

Survey Type

Code	Code for survey types	CHAR(1)
Type	Text for survey types	VARCHAR(50)

State

Code	Code for state types	CHAR(1)
Type	Text for state types	VARCHAR(50)

Survey Status

Code	Code for survey status	CHAR(1)
Type	Text for survey status	VARCHAR(50)

Owner Lookup

Owner_Index	Unique ID describing the owner	INT
Name	Owner's name	VARCHAR(50)
Email	Owner's email	VARCHAR(50)
Phone	Owner's Phone	VARCHAR(50)
Address	Owner's Address	VARCHAR(75)
City	Owner's City	VARCHAR(20)
ZipCode	Owner's ZipCode	VARCHAR(5)
State	Owner's State	VARCHAR(2)
Website	Owner's Website	VARCHAR(100)
Status	Owner's status on entrance	VARCHAR(50)

ZipCode

zipcode	Zipcode	VARCHAR(5)

Data Dictionary for Cave Report Database

city	City	VARCHAR(50)
state	State	VARCHAR(2)