Illinois State Geological Survey
Geologic Map Data Dictionary (GIS) - Version 20090212
Field Definitions and Intended Use
D. Nelson, J. Domier, J. Carrell
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Feature Class or Table	Cross_Section_Ln
Field Name	CSID
Field Alias Name	Cross-section ID
Field Long Name	Cross-section ID
Required	Yes
Data Type	String
Length	16
Format	Controlled by domain
Domain	CapitalLetters
Description	The designation of the cross-section on the map, e.g. A, B, C.
Intended Use	To record designation.
Relationships	n/a

Feature Class or Table	Cross_Section_Ln
Field Name	CSSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Cross-section Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	CrossSectionSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Cross_Section_Ln
Field Name	CSTrend
Field Alias Name	Cross-section Trend
Field Long Name	Cross-section Trend
Required	Yes
Data Type	String
Length	4
Format	Controlled by domain
Domain	TrendDirection
Description	The general linear trend of the cross-section reported as one of 16 cardinal compass directions. Bearing in degrees in not used because it is too precise for lines that may be irregular in shape.
Intended Use	To indicate the general trend and end point of the transect. E.g., a value of N indicates a general trend from south to north.
Relationships	n/a

Feature Class or Table	Cross_Section_Ln
Field Name	CSUID
Field Alias Name	Cross-section Unique ID
Field Long Name	Cross-section Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. cross-section images.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	CSUID in potential cross-section image catalog

Feature Class or Table	Cross_Section_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Cross_Section_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Cross_Section_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Field_Note_Pt
Field Name	FNDesc
Field Alias Name	Field Note Description
Field Long Name	Field Note Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the field note.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from FNSymbolID.
Relationships	n/a

Feature Class or Table	Field_Note_Pt
Field Name	FNLabel
Field Alias Name	Field Note Label
Field Long Name	Field Note Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Field_Note_Pt
Field Name	FNSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Field Note Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	FieldNoteSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Field_Note_Pt
Field Name	FNSymRot
Field Alias Name	Symbol Rotation
Field Long Name	Field Note Cartographic Symbol Rotation
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	CircularDegrees
Description	Value for cartographic rotation of map symbol in degrees, measured clockwise from north = 0.
Intended Use	To record symbol rotation value.
Relationships	n/a

Feature Class or Table	Field_Note_Pt
Field Name	FNUID
Field Alias Name	Field Note Unique ID
Field Long Name	Field Note Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. field note details.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	FNUID in potential field note catalog

Feature Class or Table	Field_Note_Pt
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Field_Note_Pt
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Field_Note_Pt
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Field_Note_Pt
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Geo_Structure_Ln
Field Name	GSAttitude
Field Alias Name	Geo Structure Attitude
Field Long Name	Geologic Structure Attitude
Required	No
Data Type	String
Length	64
Format	Free text
Domain	Free text
Description	Optional information about the relative movement or attitude of the structure.
Intended Use	To record additional textual information if needed, such as down-thrown on north side or right-lateral.
Relationships	n/a

Feature Class or Table	Geo_Structure_Ln
Field Name	GSClass
Field Alias Name	Geo Structure Class
Field Long Name	Geologic Structure General Classification
Required	Yes
Data Type	String
Length	32
Format	Controlled by domain
Domain	StructureClass
Description	The general classification, e.g. fault, fold, etc.
Intended Use	As a general filter for queries on structure type.
Relationships	n/a

Feature Class or Table	Geo_Structure_Ln
Field Name	GSDesc
Field Alias Name	Geo Structure Description
Field Long Name	Geologic Structure Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the structure.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from GSSymbolID.
Relationships	n/a

Feature Class or Table	Geo_Structure_Ln
Field Name	GSLabel
Field Alias Name	Cartographic Label
Field Long Name	Geologic Structure Cartographic Label
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of information, e.g. the name of the structure.
Relationships	n/a

Feature Class or Table	Geo_Structure_Ln
Field Name	GSName
Field Alias Name	Geo Structure Name
Field Long Name	Geologic Structure Name
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The name of the structure, if any.
Intended Use	To record geologic structure name if there is one.
Relationships	n/a

Feature Class or Table	Geo_Structure_Ln
Field Name	GSSubClass
Field Alias Name	Geo Structure Subclass
Field Long Name	Geologic Structure Specific Classification
Required	Yes
Data Type	String
Length	64
Format	Controlled by domain
Domain	StructureSymbol
Description	The specific classification, e.g. thrust fault, strike-slip fault, anticline, doubly plunging anticline, etc.
Intended Use	As a specific filter for queries on structure type.
Relationships	n/a

Feature Class or Table	Geo_Structure_Ln
Field Name	GSSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Geologic Structure Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	StructureSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Geo_Structure_Ln
Field Name	GSUID
Field Alias Name	Geo Structure Unique ID
Field Long Name	Geologic Structure Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. a lexicon of geologic structures.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	GSUID in potential geologic structure catalog

Feature Class or Table	Geo_Structure_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Geo_Structure_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Geo_Structure_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Geo_Structure_Pt
Field Name	GSAttitude
Field Alias Name	Geo Structure Attitude
Field Long Name	Geologic Structure Attitude
Required	No
Data Type	String
Length	64
Format	Free text
Domain	Free text
Description	Optional information about the relative movement or attitude of the structure.
Intended Use	To record additional textual information if needed, such as down-thrown on north side or right-lateral.
Relationships	n/a

Feature Class or Table	Geo_Structure_Pt
Field Name	GSClass
Field Alias Name	Geo Structure Class
Field Long Name	Geologic Structure General Classification
Required	Yes
Data Type	String
Length	32
Format	Controlled by domain
Domain	StructureClass
Description	The general classification, e.g. fault, fold, etc.
Intended Use	As a general filter for queries on structure type.
Relationships	n/a

Feature Class or Table	Geo_Structure_Pt
Field Name	GSDesc
Field Alias Name	Geo Structure Description
Field Long Name	Geologic Structure Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the structure.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from GSSymbolID.
Relationships	n/a

Feature Class or Table	Geo_Structure_Pt
Field Name	GSLabel
Field Alias Name	Cartographic Label
Field Long Name	Geologic Structure Cartographic Label
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of information, e.g. the name of the structure.
Relationships	n/a

Feature Class or Table	Geo_Structure_Pt
Field Name	GSName
Field Alias Name	Geo Structure Name
Field Long Name	Geologic Structure Name
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The name of the structure, if any.
Intended Use	To record geologic structure name if there is one.
Relationships	n/a

Feature Class or Table	Geo_Structure_Pt
Field Name	GSSubClass
Field Alias Name	Geo Structure Subclass
Field Long Name	Geologic Structure Specific Classification
Required	Yes
Data Type	String
Length	64
Format	Controlled by domain
Domain	StructureSymbol
Description	The specific classification, e.g. thrust fault, strike-slip fault, anticline, doubly plunging anticline, etc.
Intended Use	As a specific filter for queries on structure type.
Relationships	n/a

Feature Class or Table	Geo_Structure_Pt
Field Name	GSSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Geologic Structure Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	StructureSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Geo_Structure_Pt
Field Name	GSUID
Field Alias Name	Geo Structure Unique ID
Field Long Name	Geologic Structure Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. a lexicon of geologic structures.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	GSUID in potential geologic structure catalog

Feature Class or Table	Geo_Structure_Pt
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Geo_Structure_Pt
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Geo_Structure_Pt
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Geo_Structure_Py
Field Name	GSAttitude
Field Alias Name	Geo Structure Attitude
Field Long Name	Geologic Structure Attitude
Required	No
Data Type	String
Length	64
Format	Free text
Domain	Free text
Description	Optional information about the relative movement or attitude of the structure.
Intended Use	To record additional textual information if needed, such as down-thrown on north side or right-lateral.
Relationships	n/a

Feature Class or Table	Geo_Structure_Py
Field Name	GSClass
Field Alias Name	Geo Structure Class
Field Long Name	Geologic Structure General Classification
Required	Yes
Data Type	String
Length	32
Format	Controlled by domain
Domain	StructureClass
Description	The general classification, e.g. fault, fold, etc.
Intended Use	As a general filter for queries on structure type.
Relationships	n/a

Feature Class or Table	Geo_Structure_Py
Field Name	GSDesc
Field Alias Name	Geo Structure Description
Field Long Name	Geologic Structure Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the structure.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from GSSymbolID.
Relationships	n/a

Feature Class or Table	Geo_Structure_Py
Field Name	GSLabel
Field Alias Name	Cartographic Label
Field Long Name	Geologic Structure Cartographic Label
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of information, e.g. the name of the structure.
Relationships	n/a

Feature Class or Table	Geo_Structure_Py
Field Name	GSName
Field Alias Name	Geo Structure Name
Field Long Name	Geologic Structure Name
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The name of the structure, if any.
Intended Use	To record geologic structure name if there is one.
Relationships	n/a

Feature Class or Table	Geo_Structure_Py
Field Name	GSSubClass
Field Alias Name	Geo Structure Subclass
Field Long Name	Geologic Structure Specific Classification
Required	Yes
Data Type	String
Length	64
Format	Controlled by domain
Domain	StructureSymbol
Description	The specific classification, e.g. thrust fault, strike-slip fault, anticline, doubly plunging anticline, etc.
Intended Use	As a specific filter for queries on structure type.
Relationships	n/a

Feature Class or Table	Geo_Structure_Py
Field Name	GSSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Geologic Structure Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	StructureSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Geo_Structure_Py
Field Name	GSUID
Field Alias Name	Geo Structure Unique ID
Field Long Name	Geologic Structure Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. a lexicon of geologic structures.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	GSUID in potential geologic structure catalog

Feature Class or Table	Geo_Structure_Py
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Geo_Structure_Py
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Geo_Structure_Py
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Geo_Unit_Contact_Ln
Field Name	GCSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Geologic Contact Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	ContactSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Geo_Unit_Contact_Ln
Field Name	GCType
Field Alias Name	Geo Contact Type
Field Long Name	Geologic Contact Type
Required	Yes
Data Type	String
Length	32
Format	Controlled by domain
Domain	ContactSymbol
Description	Designation of the contact type, for example, observed, inferred, buried, etc.
Intended Use	Identifies the contact type for geologic query.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Geo_Unit_Contact_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Geo_Unit_Contact_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Geo_Unit_Contact_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUAbbrev
Field Alias Name	Geo Unit Abbreviation
Field Long Name	Geologic Unit Abbreviation
Required	Yes
Data Type	String
Length	16
Format	Free text in user-defined domain
Domain	GeoUnitAbbrev
Description	The abbreviation used on the map to indicate the geologic unit.
Intended Use	As a relationship key to the associated entry in the Geo_Unit_Mapped_Tb table during the map compilation process.
Relationships	GUAbbrev in Geo_Unit_ Legend_Tb table, and Geo_Unit_Py and Geo_Unit_Ln feature classes

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUAge
Field Alias Name	Geo Unit Age
Field Long Name	Geologic Unit Age
Required	No
Data Type	String
Length	4000
Format	Free text
Domain	Free text
Description	The qualitative geologic age of the geologic unit, using a term from a stratigraphic, geochronologic, diachronic (etc.) classification.
Intended Use	To record geologic age designations if present on map, e.g. in the legend. The designation may be of any classification the mapper desires.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUInterp
Field Alias Name	Geo Unit Interpretation
Field Long Name	Geologic Unit Interpretation
Required	No
Data Type	String
Length	4000
Format	Free text
Domain	Free text
Description	Interpretation portion of legend.
Intended Use	To record interpretation exactly as it appears on the map.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUMatDesc
Field Alias Name	Geo Unit Material Description
Field Long Name	Geologic Unit Material Description
Required	No
Data Type	String
Length	4000
Format	Free text
Domain	Free text
Description	The material description portion of map legend for the geologic unit.
Intended Use	To record material description exactly as it appears on the map.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUMaxThick
Field Alias Name	Geo Unit Maximum Thickness
Field Long Name	Geologic Unit Maximum Thickness
Required	No
Data Type	Long Integer
Length	n/a
Format	Software controlled
Domain	PositiveIntegers
Description	Maximum thickness value for range of unit thickness.
Intended Use	If thickness measures present, to record maximum value to nearest whole linear unit. If no thickness values, field value is NULL.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUMinThick
Field Alias Name	Geo Unit Minimum Thickness
Field Long Name	Geologic Unit Minimum Thickness
Required	No
Data Type	Long Integer
Length	n/a
Format	Software controlled
Domain	NonNegativeIntegers
Description	Minimum thickness value for range of unit thickness.
Intended Use	If thickness measures present, to record minimum value to nearest whole linear unit. If no thickness values, field value is NULL.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUName
Field Alias Name	Geo Unit Name
Field Long Name	Geologic Unit Name
Required	Yes
Data Type	String
Length	4000
Format	Free text
Domain	Free text
Description	Unit name as it appears in map legend.
Intended Use	To record unit designation and to allow mappers the freedom to use any designation they deem appropriate without being limited by a lexicon of standard designations.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Geologic Unit Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	GeoUnitSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUThckUnit
Field Alias Name	Geo Unit Thickness Units
Field Long Name	Geologic Unit Thickness Units
Required	No
Data Type	String
Length	32
Format	Controlled by domain
Domain	LinearUnits
Description	The linear units in which thickness is measured, e.g. meter, foot.
Intended Use	To record linear unit of thickness measurement. If no thickness values, field is NULL. Recorded to avoid ambiguity in use of numeric values.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	GUUID
Field Alias Name	Geo Unit Unique ID
Field Long Name	Geologic Unit Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. the geologic unit legend table.
Intended Use	Used as a relationship key to associated entries among the geologic unit feature classes and legend tables, and to future geologic unit lexicon tables.
Relationships	GUUID in Geo_Unit_ Legend_Tb table, and Geo_Unit_Py and Geo_Unit_Ln feature classes

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Geo_Unit_Legend_Tb
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Geo_Unit_Ln
Field Name	GLSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Geologic Unit Line Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	GeoUnitLineSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Geo_Unit_Ln
Field Name	GUAbbrev
Field Alias Name	Geo Unit Abbreviation
Field Long Name	Geologic Unit Abbreviation
Required	Yes
Data Type	String
Length	16
Format	Free text in user-defined domain
Domain	GeoUnitAbbrev
Description	The abbreviation used on the map to indicate the geologic unit.
Intended Use	As a relationship key to the associated entry in the Geo_Unit_Mapped_Tb table during the map compilation process.
Relationships	GUAbbrev in Geo_Unit_ Legend_Tb table, and Geo_Unit_Py and Geo_Unit_Ln feature classes

Feature Class or Table	Geo_Unit_Ln
Field Name	GULabel
Field Alias Name	Geo Unit Label
Field Long Name	Geologic Unit Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The abbreviation as shown on map to indicate the geologic unit.
Intended Use	For cartographic display of the abbreviation. May differ from GUAbbrev, e.g., to indicate stacked units or a questionable unit designation.
Relationships	n/a

Feature Class or Table	Geo_Unit_Ln
Field Name	GUUID
Field Alias Name	Geo Unit Unique ID
Field Long Name	Geologic Unit Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. the geologic unit legend table.
Intended Use	Used as a relationship key to associated entries among the geologic unit feature classes and legend tables, and to future geologic unit lexicon tables.
Relationships	GUUID in Geo_Unit_ Legend_Tb table, and Geo_Unit_Py and Geo_Unit_Ln feature classes

Feature Class or Table	Geo_Unit_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Geo_Unit_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Geo_Unit_Py
Field Name	GUAbbrev
Field Alias Name	Geo Unit Abbreviation
Field Long Name	Geologic Unit Abbreviation
Required	Yes
Data Type	String
Length	16
Format	Free text in user-defined domain
Domain	GeoUnitAbbrev
Description	The abbreviation used on the map to indicate the geologic unit.
Intended Use	As a relationship key to the associated entry in the Geo_Unit_Mapped_Tb table during the map compilation process.
Relationships	GUAbbrev in Geo_Unit_ Legend_Tb table, and Geo_Unit_Py and Geo_Unit_Ln feature classes

Feature Class or Table	Geo_Unit_Py
Field Name	GULabel
Field Alias Name	Geo Unit Label
Field Long Name	Geologic Unit Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The abbreviation as shown on map to indicate the geologic unit.
Intended Use	For cartographic display of the abbreviation. May differ from GUAbbrev, e.g., to indicate stacked units or a questionable unit designation.
Relationships	n/a

Feature Class or Table	Geo_Unit_Py
Field Name	GUUID
Field Alias Name	Geo Unit Unique ID
Field Long Name	Geologic Unit Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. the geologic unit legend table.
Intended Use	Used as a relationship key to associated entries among the geologic unit feature classes and legend tables, and to future geologic unit lexicon tables.
Relationships	GUUID in Geo_Unit_ Legend_Tb table, and Geo_Unit_Py and Geo_Unit_Ln feature classes

Feature Class or Table	Geo_Unit_Py
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Geo_Unit_Py
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Geophys_Profile_Ln
Field Name	GPDesc
Field Alias Name	Geophys Profile Description
Field Long Name	Geophysical Profile Description
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the geophysical profile line.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from GPSymbolID.
Relationships	n/a

Feature Class or Table	Geophys_Profile_Ln
Field Name	GPID
Field Alias Name	Geophysical Profile ID
Field Long Name	Geophysical Profile ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The designation of the profile on the map if any, e.g. A, B, C.
Intended Use	To record designation.
Relationships	n/a

Feature Class or Table	Geophys_Profile_Ln
Field Name	GPSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Geophysical Profile Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	GeophysSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Geophys_Profile_Ln
Field Name	GPTrend
Field Alias Name	Geophys Profile Trend
Field Long Name	Geophys Profile Trend
Required	Yes
Data Type	String
Length	4
Format	Controlled by domain
Domain	TrendDirection
Description	The general linear trend of the profile reported as one of 16 cardinal compass directions. Bearing in degrees in not used because it is too precise for lines that may be irregular in shape.
Intended Use	To indicate the general trend and end point of the transect. E.g., a value of N indicates a general trend from south to north.
Relationships	n/a

Feature Class or Table	Geophys_Profile_Ln
Field Name	GPUID
Field Alias Name	Geophys Profile Unique ID
Field Long Name	Geophys Profile Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. geophysical profiles.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	GPUID in potential geophysical profile catalog

Feature Class or Table	Geophys_Profile_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Geophys_Profile_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Geophys_Profile_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Landform_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Landform_Ln
Field Name	LFDesc
Field Alias Name	Landform Description
Field Long Name	Landform Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the land form.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from LFSymbolID.
Relationships	n/a

Feature Class or Table	Landform_Ln
Field Name	LFLabel
Field Alias Name	Cartographic Label
Field Long Name	Landform Cartographic Label
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Landform_Ln
Field Name	LFSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Landform Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	LandformSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Landform_Ln
Field Name	LFUID
Field Alias Name	Landform Unique ID
Field Long Name	Landform Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. a lexicon of land forms.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	LFUID in potential land form catalog

Feature Class or Table	Landform_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Landform_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Landform_Pt
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Landform_Pt
Field Name	LFDesc
Field Alias Name	Landform Description
Field Long Name	Landform Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the land form.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from LFSymbolID.
Relationships	n/a

Feature Class or Table	Landform_Pt
Field Name	LFLabel
Field Alias Name	Cartographic Label
Field Long Name	Landform Cartographic Label
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Landform_Pt
Field Name	LFSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Landform Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	LandformSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Landform_Pt
Field Name	LFUID
Field Alias Name	Landform Unique ID
Field Long Name	Landform Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. a lexicon of land forms.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	LFUID in potential land form catalog

Feature Class or Table	Landform_Pt
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Landform_Pt
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Landform_Py
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Landform_Py
Field Name	LFDesc
Field Alias Name	Landform Description
Field Long Name	Landform Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the land form.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from LFSymbolID.
Relationships	n/a

Feature Class or Table	Landform_Py
Field Name	LFLabel
Field Alias Name	Cartographic Label
Field Long Name	Landform Cartographic Label
Required	No
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Landform_Py
Field Name	LFSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Landform Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	LandformSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Landform_Py
Field Name	LFUID
Field Alias Name	Landform Unique ID
Field Long Name	Landform Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. a lexicon of land forms.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	LFUID in potential land form catalog

Feature Class or Table	Landform_Py
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Landform_Py
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Ln
Field Name	LTSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Loess Thickness Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	LoessThicknessSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Loess_Thickness_Ln
Field Name	LTThckUnit
Field Alias Name	Loess Thickness Units
Field Long Name	Loess Thickness Units
Required	Yes
Data Type	String
Length	32
Format	Controlled by domain
Domain	LinearUnits
Description	The linear units in which thickness is measured, e.g. meter, foot.
Intended Use	To record linear unit of thickness measurement. Recorded to avoid ambiguity in use of numeric values.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Ln
Field Name	LTThick
Field Alias Name	Loess Thickness
Field Long Name	Loess Thickness
Required	Yes
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	NonNegativeIntegers
Description	The thickness value for a loess thickness contour.
Intended Use	To record thickness value.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Loess_Thickness_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Py
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Py
Field Name	LTMaxThick
Field Alias Name	Loess Maximum Thickness
Field Long Name	Loess Maximum Thickness
Required	Yes
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	PositiveIntegers
Description	The maximum thickness of a loess unit shown in polygon form.
Intended Use	If thickness measures present, to record maximum value to nearest whole linear unit. If no thickness values, field value is NULL.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Py
Field Name	LTMinThick
Field Alias Name	Loess Minimum Thickness
Field Long Name	Loess Minimum Thickness
Required	Yes
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	NonNegativeIntegers
Description	The minimum thickness of a loess unit shown in polygon form.
Intended Use	If thickness measures present, to record minimum value to nearest whole linear unit. If no thickness values, field value is NULL.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Py
Field Name	LTSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Loess Thickness Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	LoessThicknessSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Loess_Thickness_Py
Field Name	LTThckUnit
Field Alias Name	Loess Thickness Units
Field Long Name	Loess Thickness Units
Required	Yes
Data Type	String
Length	32
Format	Controlled by domain
Domain	LinearUnits
Description	The linear units in which thickness is measured, e.g. meter, foot.
Intended Use	To record linear unit of thickness measurement. Recorded to avoid ambiguity in use of numeric values.
Relationships	n/a

Feature Class or Table	Loess_Thickness_Py
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Loess_Thickness_Py
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Mine_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Mine_Ln
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Mine_Ln
Field Name	MIDesc
Field Alias Name	Mine Description
Field Long Name	Mine Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the mine.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from MISymbolID.
Relationships	n/a

Feature Class or Table	Mine_Ln
Field Name	MILabel
Field Alias Name	Cartographic Label
Field Long Name	Mine Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Mine_Ln
Field Name	MISymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Mine Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	MineSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Mine_Ln
Field Name	MIUID
Field Alias Name	Data Point Unique ID
Field Long Name	Mine Data Point Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. mine details.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	MIUID in potential mine catalog

Feature Class or Table	Mine_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Mine_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Mine_Pt
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Mine_Pt
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Mine_Pt
Field Name	MIDesc
Field Alias Name	Mine Description
Field Long Name	Mine Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the mine.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from MISymbolID.
Relationships	n/a

Feature Class or Table	Mine_Pt
Field Name	MILabel
Field Alias Name	Cartographic Label
Field Long Name	Mine Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Mine_Pt
Field Name	MISymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Mine Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	MineSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Mine_Pt
Field Name	MISymRot
Field Alias Name	Symbol Rotation
Field Long Name	Mine Cartographic Symbol Rotation
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	CircularDegrees
Description	Value for cartographic rotation of map symbol in degrees, measured clockwise from north = 0.
Intended Use	To record symbol rotation value.
Relationships	n/a

Feature Class or Table	Mine_Pt
Field Name	MIUID
Field Alias Name	Data Point Unique ID
Field Long Name	Mine Data Point Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. mine details.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	MIUID in potential mine catalog

Feature Class or Table	Mine_Pt
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Mine_Pt
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Mine_Py
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Mine_Py
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Mine_Py
Field Name	MIDesc
Field Alias Name	Mine Description
Field Long Name	Mine Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the mine.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from MISymbolID.
Relationships	n/a

Feature Class or Table	Mine_Py
Field Name	MILabel
Field Alias Name	Cartographic Label
Field Long Name	Mine Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Mine_Py
Field Name	MISymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Mine Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	MineSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Mine_Py
Field Name	MIUID
Field Alias Name	Data Point Unique ID
Field Long Name	Mine Data Point Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. mine details.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	MIUID in potential mine catalog

Feature Class or Table	Mine_Py
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Mine_Py
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Outcrop_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Outcrop_Ln
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Outcrop_Ln
Field Name	OCBedrock
Field Alias Name	Outcrop Penetrates to Bedrock
Field Long Name	Outcrop Penetrates to Bedrock
Required	No
Data Type	String
Length	8
Format	Controlled by domain
Domain	Boolean
Description	Indicates if the outcrop penetrates at least to the top of the bedrock surface. This field is primarily used for outcrops on surficial maps.
Intended Use	To help determine which point symbol to use (primarily for surficial geology maps).
Relationships	n/a

Feature Class or Table	Outcrop_Ln
Field Name	OCDesc
Field Alias Name	Outcrop Description
Field Long Name	Outcrop Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the outcrop.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from OCSymbolID.
Relationships	n/a

Feature Class or Table	Outcrop_Ln
Field Name	OCLabel
Field Alias Name	Outcrop Label
Field Long Name	Outcrop Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Outcrop_Ln
Field Name	OCSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Outcrop Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	OutcropSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Outcrop_Ln
Field Name	OCUID
Field Alias Name	Outcrop Unique ID
Field Long Name	Outcrop Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. outcrop details.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	OCUID in potential outcrop catalog

Feature Class or Table	Outcrop_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Outcrop_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Outcrop_Pt
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Outcrop_Pt
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Outcrop_Pt
Field Name	OCBedrock
Field Alias Name	Outcrop Penetrates to Bedrock
Field Long Name	Outcrop Penetrates to Bedrock
Required	No
Data Type	String
Length	8
Format	Controlled by domain
Domain	Boolean
Description	Indicates if the outcrop penetrates at least to the top of the bedrock surface. This field is primarily used for outcrops on surficial maps.
Intended Use	To help determine which point symbol to use (primarily for surficial geology maps).
Relationships	n/a

Feature Class or Table	Outcrop_Pt
Field Name	OCDesc
Field Alias Name	Outcrop Description
Field Long Name	Outcrop Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the outcrop.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from OCSymbolID.
Relationships	n/a

Feature Class or Table	Outcrop_Pt
Field Name	OCLabel
Field Alias Name	Outcrop Label
Field Long Name	Outcrop Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Outcrop_Pt
Field Name	OCSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Outcrop Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	OutcropSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Outcrop_Pt
Field Name	OCSymRot
Field Alias Name	Symbol Rotation
Field Long Name	Outcrop Cartographic Symbol Rotation
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	CircularDegrees
Description	Value for cartographic rotation of map symbol in degrees, measured clockwise from north = 0.
Intended Use	To record symbol rotation value.
Relationships	n/a

Feature Class or Table	Outcrop_Pt
Field Name	OCUID
Field Alias Name	Outcrop Unique ID
Field Long Name	Outcrop Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. outcrop details.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	OCUID in potential outcrop catalog

Feature Class or Table	Outcrop_Pt
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Outcrop_Pt
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Outcrop_Py
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Outcrop_Py
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Outcrop_Py
Field Name	OCBedrock
Field Alias Name	Outcrop Penetrates to Bedrock
Field Long Name	Outcrop Penetrates to Bedrock
Required	No
Data Type	String
Length	8
Format	Controlled by domain
Domain	Boolean
Description	Indicates if the outcrop penetrates at least to the top of the bedrock surface. This field is primarily used for outcrops on surficial maps.
Intended Use	To help determine which point symbol to use (primarily for surficial geology maps).
Relationships	n/a

Feature Class or Table	Outcrop_Py
Field Name	OCDesc
Field Alias Name	Outcrop Description
Field Long Name	Outcrop Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the outcrop.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from OCSymbolID.
Relationships	n/a

Feature Class or Table	Outcrop_Py
Field Name	OCLabel
Field Alias Name	Outcrop Label
Field Long Name	Outcrop Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Outcrop_Py
Field Name	OCSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Outcrop Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	OutcropSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Outcrop_Py
Field Name	OCUID
Field Alias Name	Outcrop Unique ID
Field Long Name	Outcrop Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. outcrop details.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	OCUID in potential outcrop catalog

Feature Class or Table	Outcrop_Py
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Outcrop_Py
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Structure_Attitude_Pt
Field Name	SAAzimuth
Field Alias Name	Structural Attitude Azimuth
Field Long Name	Structural Attitude Azimuth
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	CircularDegrees
Description	Azimuth in degrees of the linear aspect of the structure, measured clockwise from north = 0.
Intended Use	To explicitly record azimuth. In strike and dip measurement, this is the strike. In the case of a joint or fracture, this is the trend. (Azimuth is in fact implicit in Dip Direction but is explicitly recorded for ease of use.)
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	SADesc
Field Alias Name	Structural Attitude Description
Field Long Name	Structural Attitude Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the structural attitude feature.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from SASymbolID.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	SADip
Field Alias Name	Structural Attitude Dip
Field Long Name	Structural Attitude Dip
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	RightAngleDegrees
Description	Dip value in degrees
Intended Use	To record dip, if any, and to label symbols with dip value.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	SADipDir
Field Alias Name	Structural Attitude Dip Direction
Field Long Name	Structural Attitude Dip Direction
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	CircularDegrees
Description	Azimuth of the dip direction in degrees, measured clockwise from north = 0.
Intended Use	To unambiguously record dip direction, which is a 90 degree offset from SAAzimuth.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	SALabel
Field Alias Name	Cartographic Label
Field Long Name	Structural Attitude Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	SANotation
Field Alias Name	Structural Attitude Notation
Field Long Name	Structural Attitude Notation
Required	No
Data Type	String
Length	12
Format	Letters N, S, E, W, digits 0-9, and one space
Domain	Letters N, S, E, W, digits 0-9, and one space
Description	Traditional notation of the measurement.
Intended Use	To provide a field for traditional notation of structural measurements. Valid notations are of the form N30W 15NE for a strike and dip or 15 N60E for a dipping lineation.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	SASymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Structural Attitude Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	StructureAttitudeSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Structure_Attitude_Pt
Field Name	SASymRot
Field Alias Name	Symbol Rotation
Field Long Name	Structural Attitude Cartographic Symbol Rotation
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	CircularDegrees
Description	Value for cartographic rotation of map symbol in degrees, measured clockwise from north = 0.
Intended Use	To unambiguously record symbol rotation value independent of azimuth and dip measurements.
Relationships	n/a

Feature Class or Table	Structure_Attitude_Pt
Field Name	SAUID
Field Alias Name	Data Point Unique ID
Field Long Name	Structural Attitude Data Point Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. other structural attitude measurements.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	SAUID in potential expanded tables of structural attitude measurements

Feature Class or Table	Structure_Attitude_Pt
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Structure_Contour_Ln
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Structure_Contour_Ln
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Structure_Contour_Ln
Field Name	SCElev
Field Alias Name	Elevation Value
Field Long Name	Structure Contour Elevation Value
Required	Yes
Data Type	Long Integer
Length	n/a
Format	Whole numbers
Domain	Whole numbers
Description	The elevation value for a structure surface contour.
Intended Use	To record elevation value.
Relationships	n/a

Feature Class or Table	Structure_Contour_Ln
Field Name	SCElevUnit
Field Alias Name	Elevation units
Field Long Name	Structure Contour Elevation Units
Required	Yes
Data Type	String
Length	32
Format	Controlled by domain
Domain	LinearUnits
Description	The linear units in which elevation is measured, e.g. meter, foot.
Intended Use	Recorded to avoid ambiguity in use of numeric values.
Relationships	n/a

Feature Class or Table	Structure_Contour_Ln
Field Name	SCSurface
Field Alias Name	Contoured Surface
Field Long Name	Contoured Geologic Unit Surface
Required	No
Data Type	String
Length	32
Format	Controlled by domain
Domain	GeoUnitSurface
Description	Indicates which surface of a geologic unit was contoured, i.e. top or bottom.
Intended Use	To record the surface to which the contours apply.
Relationships	n/a

Feature Class or Table	Structure_Contour_Ln
Field Name	SCSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Structure Contour Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	ContourSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Structure_Contour_Ln
Field Name	SCUnit
Field Alias Name	Contoured Unit
Field Long Name	Contoured Geologic Unit
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The name of the geologic unit to which the structural contours apply.
Intended Use	To record the geologic unit to which the contours apply.
Relationships	n/a

Feature Class or Table	Structure_Contour_Ln
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	LastUpdate
Field Alias Name	LastUpdate
Field Long Name	Date of Last Update
Required	Yes
Data Type	Date
Length	n/a
Format	Controlled by domain
Domain	ValidDates
Description	Date of last update.
Intended Use	To record the most recent date on which the data were changed.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	MapperID
Field Alias Name	Mapper-assigned ID
Field Long Name	Mapper-assigned Feature ID
Required	Yes
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The ID assigned by the mapper during data development. Can be API number or any value mapper wants to use.
Intended Use	To serve as an unique identifier and relationship key during the map compilation process, and as a reference for the label used on the actual map.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	PubID
Field Alias Name	Publication ID
Field Long Name	Publication ID
Required	Yes
Data Type	String
Length	32
Format	Letters and digits only, underscore if needed.
Domain	Letters and digits only, underscore if needed.
Description	The exact catalog designation of the publication as determined by the ISGS Library, for example IPGMAntiochSG or IGQSpringBaySG or OFS2005_14.
Intended Use	Identifies the publication (map) on which the feature appeared. This key relationship field relates all database elements back to the map of origin. Use the underscore to indicate dashes or spaces.
Relationships	PubID in many tables

Feature Class or Table	Well_Boring_Pt
Field Name	UpdatedBy
Field Alias Name	UpdatedBy
Field Long Name	Last Person To Update Record
Required	Yes
Data Type	String
Length	50
Format	Controlled by domain
Domain	StaffName
Description	Identity of last person to change the information.
Intended Use	To provide a record of who last manipulated the data.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBAcc100
Field Alias Name	Location Accurate to 100 feet
Field Long Name	Boring Location Accuracy to 100 Feet
Required	No
Data Type	String
Length	8
Format	Controlled by domain
Domain	Boolean
Description	Indicates if the location of the boring as shown on the map is accurate to within 100 feet.
Intended Use	To help determine which point symbol to use (dot in center for bedrock geology maps).
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBBedrock
Field Alias Name	Boring Penetrates to Bedrock
Field Long Name	Boring Penetrates To Bedrock
Required	No
Data Type	String
Length	8
Format	Controlled by domain
Domain	Boolean
Description	Indicates if the boring penetrates at least to the top of the bedrock surface.
Intended Use	To help determine which point symbol to use (dot in center for surficial geology maps).
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBCSG
Field Alias Name	Boring CSG Designation
Field Long Name	Boring CSG Designation
Required	No
Data Type	String
Length	8
Format	Controlled by domain
Domain	CSGDesignation
Description	Indicates if the boring has related cores, samples and geophysical logs.
Intended Use	May be used to populate one of the label fields.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBDesc
Field Alias Name	Boring Description
Field Long Name	Boring Description
Required	Yes
Data Type	String
Length	255
Format	Free text
Domain	Free text
Description	The legend text that appears on the map for the boring data point.
Intended Use	To record the legend information exactly as it appears on the map, which may differ from WBSymbolID.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBDpthUnit
Field Alias Name	Boring Depth Units
Field Long Name	Boring Depth Units
Required	No
Data Type	String
Length	32
Format	Controlled by domain
Domain	LinearUnits
Description	The linear units in which depth is measured, e.g. meter, foot.
Intended Use	To record linear unit of depth measurement. Recorded to avoid ambiguity in use of numeric values.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBLabelLL
Field Alias Name	Lower Left Carto Label
Field Long Name	Boring Lower Left Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map to the lower left of the point.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBLabelLR
Field Alias Name	Lower Right Carto Label
Field Long Name	Boring Lower Right Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map to the lower right of the point.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBLabelUL
Field Alias Name	Upper Left Carto Label
Field Long Name	Boring Upper Left Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map to the upper left of the point.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBLabelUR
Field Alias Name	Upper Right Carto Label
Field Long Name	Boring Upper Right Cartographic Label
Required	No
Data Type	String
Length	16
Format	Free text
Domain	Free text
Description	The label used on the map to the upper right of the point.
Intended Use	For cartographic display of the point designation, ID or descriptive information. May differ from MapperID, e.g., a shortened form of API number.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBSymbolID
Field Alias Name	Cartographic Symbol ID
Field Long Name	Boring Cartographic Symbol
Required	Yes
Data Type	String
Length	255
Format	Controlled by domain
Domain	WellBoringSymbol
Description	The text name of the related symbol in the related cartographic style.
Intended Use	Identifies the symbol for cartographic display and enables automatic symbolization with the Match To Symbols In A Style function.
Relationships	Symbol text name in related ESRI Style

Feature Class or Table	Well_Boring_Pt
Field Name	WBSymRot
Field Alias Name	Symbol Rotation
Field Long Name	Boring Cartographic Symbol Rotation
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	CircularDegrees
Description	Value for cartographic rotation of map symbol in degrees, measured clockwise from north = 0.
Intended Use	To record symbol rotation value.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBTotDepth
Field Alias Name	Boring Total Depth
Field Long Name	Boring Total Depth
Required	No
Data Type	Long Integer
Length	n/a
Format	Controlled by domain
Domain	PositiveIntegers
Description	Total depth of the boring.
Intended Use	May be used to populate one of the label fields, primarily used on bedrock geology maps.
Relationships	n/a

Feature Class or Table	Well_Boring_Pt
Field Name	WBUID
Field Alias Name	Data Point Unique ID
Field Long Name	Boring Data Point Unique ID
Required	Yes
Data Type	GUID
Length	n/a
Format	Software controlled
Domain	Hexidecimal 26-character GUID
Description	The unique ID for database relationships, e.g. boring details.
Intended Use	Used as a relationship key to associated entries in related attribute tables.
Relationships	WBUID in potential other tables of wells and borings information

Illinois State Geological Survey
Institute of Natural Resource Sustainability
University of Illinois
615 East Peabody Drive
Champaign, Illinois 61820
217-333-4747
www.isgs.illinois.edu