Illinois State Geological Survey
Geologic Map Data Dictionary (GIS) - Version 20090212
Domain Definitions (ArcGIS-enabled domains only)
D. Nelson, J. Domier, J. Carrell
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Domain Name	Boolean
Source Table	Boolean_Dm
Description	Condition is true or false
Intended Use	To limit the input to a set of allowable boolean values
Domain Type	Coded value
Data Type	String
DomainValues	True or False
Format	Code and description values are identical strings composed of letters only

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Domain Name	CapitalLetters
Source Table	CapitalLetters_Dm
Description	Capital letters in English alphabet
Intended Use	To limit input to capital letters
Domain Type	Coded value
Data Type	String
DomainValues	A-Z, capitals only
Format	Code and description values are identical strings composed of capital letters only

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Domain Name	CircularDegrees
Source Table	CircularDegrees_Dm
Description	Integer degrees in a circle
Intended Use	To limit the input to a set of allowable integer values
Domain Type	Range
Data Type	Long Integer
DomainValues	Whole numbers from 0 to 359, inclusive
Format	n/a

Domain Name	CircularDegreesWithNeg
Source Table	CircularDegreesWithNeg_Dm
Description	Integer degrees in a circle including negative values
Intended Use	To limit the input to a set of allowable integer values
Domain Type	Range
Data Type	Long Integer
DomainValues	Whole numbers from -359 to 359, inclusive
Format	n/a

Domain Name	ContactSymbol
Source Table	ContactSymbol_Dm
Description	Contact designation and text names of symbols used to display geologic contacts
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	ContourSymbol
Source Table	ContourSymbol_Dm
Description	Text names of the symbols used to display structure contour lines
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	CrossSectionSymbol
Source Table	CrossSectionSymbol_Dm
Description	Text names of the symbols used to display cross-section lines
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	CSGDesignation
Source Table	CSGDesignation_Dm
Description	Indicates if boring has related cores (C), samples (S) or geophysical logs (G)
Intended Use	To provide a pick-list of CSG values
Domain Type	Coded value
Data Type	String
DomainValues	All combinations of C, S and G (i.e. C, CS, CG, CSG, S, SG, G), with C always preceding S and S always preceding G
Format	Code and description values are identical strings composed of capital letters C, S and G only

Domain Name	FieldNoteSymbol
Source Table	FieldNoteSymbol_Dm
Description	Text names of the symbols used to display field note locations
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	GeophysSymbol
Source Table	GeophysSymbol_Dm
Description	Text names of the symbols used to display geophysical profile lines
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	GeoUnitAbbrev
Source Table	GeoUnitDesignation_Dm
Description	Geologic unit abbreviations
Intended Use	To provide an abbreviation pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings

Domain Name	GeoUnitLineSymbol
Source Table	GeoUnitDesignation_Dm
Description	Text names of the symbols used to display geologic units that are represented as lines
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	GeoUnitSurface
Source Table	GeoUnitSurface_Dm
Description	Surface indication, i.e. top or bottom
Intended Use	To limit input to a set of allowable geologic unit surfaces
Domain Type	Coded value
Data Type	String
DomainValues	Top or Bottom
Format	Code and description values are identical strings composed of letters only

Domain Name	GeoUnitSymbol
Source Table	GeoUnitDesignation_Dm
Description	Text names of the symbols used to display geologic units
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	LandformSymbol
Source Table	LandformSymbol_Dm
Description	Text names of the symbols used to display land forms
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	LinearUnits
Source Table	LinearUnits_Dm
Description	Linear units, for example, meter, foot, etc.
Intended Use	To provide a pick-list of linear units
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	LoessThicknessSymbol
Source Table	LoessThicknessSymbol_Dm
Description	Text names of the symbols used to display loess thickness contour lines
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	MineSymbol
Source Table	MineSymbol_Dm
Description	Text names of the symbols used to display mines
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	NonNegativeIntegers
Source Table	NonNegativeIntegers_Dm
Description	Non-negative integers
Intended Use	To limit the input to a set of allowable integer values
Domain Type	Range
Data Type	Long Integer
DomainValues	Whole numbers from 0 to 2147483647, inclusive
Format	n/a

Domain Name	OutcropSymbol
Source Table	OutcropSymbol_Dm
Description	Text names of the symbols used to display outcrops
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	PositiveIntegers
Source Table	PositiveIntegers_Dm
Description	Positive integers
Intended Use	To limit the input to a set of allowable integer values
Domain Type	Range
Data Type	Long Integer
DomainValues	Whole numbers from 1 to 2147483647, inclusive
Format	n/a

Domain Name	RightAngleDegrees
Source Table	RightAngleDegrees_Dm
Description	Integer degrees in a right angle
Intended Use	To limit the input to a set of allowable integer values
Domain Type	Range
Data Type	Long Integer
DomainValues	Whole numbers from 1 to 90, inclusive
Format	n/a

Domain Name	StaffName
Source Table	StaffName_Dm
Description	List of names of staff members who edit geologic map data
Intended Use	To provide a pick list of staff names
Domain Type	Coded value
Data Type	String
DomainValues	List including any person who has edited the data
Format	Code and description values are identical strings

Domain Name	StructureAttitudeSymbol
Source Table	StructureAttitudeSymbol_Dm
Description	Text names of the symbols used to display structural attitudes
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	StructureClass
Source Table	StructureClass_Dm
Description	General classifications of structural features, e.g. fault, fold, etc.
Intended Use	To limit input to a set of generalized structure classifications
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings

Domain Name	StructureSymbol
Source Table	StructureSymbol_Dm
Description	Specific structure designations and text names of the symbols used to display geologic structures
Intended Use	To provide a symbology pick-list and pick-list of specific structure types
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

Domain Name	TrendDirection
Source Table	TrendDirection_Dm
Description	The 16 cardinal compass points
Intended Use	To limit input to a compass point
Domain Type	Coded value
Data Type	String
DomainValues	The 16 cardinal compass points or irregular
Format	Code and description values are identical strings composed of letters only

Domain Name	ValidDates
Source Table	ValidDates_Dm
Description	A range of valid dates on which editing took place
Intended Use	To limit the input to a set of allowable date values
Domain Type	Range
Data Type	Date
DomainValues	Date range determined by cartographer and database administrator
Format	Any date format the database allows

Domain Name	WellBoringSymbol
Source Table	WellBoringSymbol_Dm
Description	Text names of the symbols used to display wells and borings
Intended Use	To provide a symbology pick-list
Domain Type	Coded value
Data Type	String
DomainValues	List as determined by cartographer and mappers
Format	Code and description values are identical strings composed of letters, digits and spaces only

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