Attribute Report

System Name: NASIS 5.2.5

Logical Name:	aashto_group_classification	**Field Size:**	
Physical Name:	aashtocl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	aashto_group_classification		

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

Logical Name:	aashto_group_index	**Field Size:**	
Physical Name:	aashind	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	120
Choice List Name:			

Description: The empirical group index formula devised for approximately within-group evaluation of the "clayey granular materials" and the "silty-clay materials".

Logical Name:	addtnl_mu_dmu_select_criteria	**Field Size:**	
Physical Name:	addtnlmudmuselcrit	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	addtnl_mu_dmu_select_criteria		

Description: The rule for determining which data mapunit's data should be associated with an additional symbol selected for inclusion in a set of exported data. One of two possible values:

Use the data mapunit that was originally representative for that additional symbol.

Use the data mapunit that is representative for the symbol into which that additional symbol was correlated.

Logical Name:	albedo_dry	**Field Size:**	
Physical Name:	albedodry	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:		**Maximum:**	1
Choice List Name:			

Description: The estimated ratio of the incident short-wave (solar) radiation that is reflected by the air dry, less than 2 mm fraction of the soil surface.

Logical Name:	aluminum_oxalate	**Field Size:**	
Physical Name:	aloxalate	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	mg/kg	**Maximum:**	170000
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	area_acres	**Field Size:**	
Physical Name:	areaacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The acreage total of all land and water areas in the specified geographic area.

Logical Name:	area_iid	**Field Size:**	
Physical Name:	areaiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	area_iid_ref	**Field Size:**	
Physical Name:	areaiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	area_name	**Field Size:**	135
Physical Name:	areaname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name given to the specified geographic area.

Logical Name:	area_overlap_acres	**Field Size:**	
Physical Name:	areaovacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The area overlap of two geographic regions, in acres.

Logical Name:	area_symbol	**Field Size:**	20
Physical Name:	areasymbol	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A symbol that uniquely identifies a single occurrence of a particular type of area (e.g. Lancaster Co., Nebraska is NE109).

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System Name: NASIS 5.2.5

Logical Name:	area_text_iid	**Field Size:**
Physical Name:	areatextiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	area_text_kind	**Field Size:**
Physical Name:	areatextkind	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	area_text_kind	

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.

Logical Name:	area_type_database_iid_ref	**Field Size:**
Physical Name:	atdbiidref	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	area_type_iid	**Field Size:**
Physical Name:	areatypeiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	area_type_iid_ref	**Field Size:**
Physical Name:	areatypeiidref	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	area_type_name	**Field Size:** 45
Physical Name:	areatypename	**Precision:**
Logical Data Type:	String	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The name of a particular type of area. Area type names include "state", "county", "mlra", etc.

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System Name: NASIS 5.2.5

Logical Name:	associated_soil	**Field Size:**	60
Physical Name:	assocsoi	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Name of a soil (series or other identifier) that is (geographically) associated with the soil being described.

Logical Name:	available_water_capacity	**Field Size:**	
Physical Name:	awc	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	cm/cm	**Maximum:**	0.7
Choice List Name:			

Description: The amount of water that an increment of soil depth, inclusive of fragments, can store that is available to plants. AWC is expressed as a volume fraction, and is commonly estimated as the difference between the water contents at 1/10 or 1/3 bar (field capacity) and 15 bars (permanent wilting point) tension and adjusted for salinity, and fragments.

Logical Name:	bedrock_depth	**Field Size:**	
Physical Name:	bedrckdepth	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The observed depth to the top of the bedrock layer.

Logical Name:	bedrock_dip	**Field Size:**	
Physical Name:	bedrckdip	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	90
Choice List Name:			

Description: The apparent inclination of bedrock from the horizontal (AGI).

Logical Name:	bedrock_fracture_interval	**Field Size:**	
Physical Name:	bedrckfractint	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	bedrock_fracture_interval_class		

Description: Bedrock fracture interval. At a lithic or paralithic contact cracks must be greater than 10 cm apart. (Soil Taxonomy)

Logical Name:	bedrock_hardness	**Field Size:**	
Physical Name:	bedrckhardness	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	rupture_resist_block_cem		

Description: The degree of hardness of the underlying rock.

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System Name: NASIS 5.2.5

Logical Name:	bedrock_kind	**Field Size:**	
Physical Name:	bedrckkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	bedrock_kind		

Description: Lithology (composition) of bedrock. (AGI)

Logical Name:	bedrock_strike	**Field Size:**	
Physical Name:	bedrckstrike	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	360
Choice List Name:			

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

Logical Name:	bedrock_weathering	**Field Size:**	
Physical Name:	bedrckweather	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	weathering		

Description: Degree of bedrock weathering.

Logical Name:	boundary_distinctness	**Field Size:**	
Physical Name:	bounddistinct	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	boundary_distinctness		

Description: Thickness of the interface between adjacent soil horizons. (SSM)

Logical Name:	boundary_topography	**Field Size:**	
Physical Name:	boundtopo	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	boundary_topography		

Description: Horizontal shape of the interface between adjacent soil horizons. (SSM)

Logical Name:	bulk_density_fifteen_bar	**Field Size:**	
Physical Name:	dbfifteenbar	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0.02
Unit of Measure:	g/cm3	**Maximum:**	2.6
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	bulk_density_one_tenth_bar	**Field Size:**	
Physical Name:	dbtenthbar	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0.02
Unit of Measure:	g/cm3	**Maximum:**	2.6
Choice List Name:			

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

Logical Name:	bulk_density_one_third_bar	**Field Size:**	
Physical Name:	dbthirdbar	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0.02
Unit of Measure:	g/cm3	**Maximum:**	2.6
Choice List Name:			

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

Logical Name:	bulk_density_oven_dry	**Field Size:**	
Physical Name:	dbovendry	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0.02
Unit of Measure:	g/cm3	**Maximum:**	2.6
Choice List Name:			

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

Logical Name:	ca_storie_index	**Field Size:**	
Physical Name:	castorieindex	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	100
Choice List Name:			

Description: The California Storie Index expresses numerically the relative degree of suitability of a soil for general intensive agricultural uses at the time of evaluation. The rating is based on soil characteristics only and is obtained by evaluating such factors as soil depth, texture of the surface soil, subsoil characteristics, and surface relief.

Storie, R. Earl and Walter W. Weir. 1948. Manual for identifying and classifying California soil series. With 1958 Supplement, revised 1978. Associated Students Store, University of California, Berkley, California.

Logical Name:	calc_text_iid	**Field Size:**	
Physical Name:	calctextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	calcium_carbonate_equivalent	**Field Size:**	
Physical Name:	caco3	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	110
Choice List Name:			

Description: The quantity of Carbonate (CO3) in the soil expressed as CaCO3 and as a weight percentage of the less than 2 mm size fraction.

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Logical Name:	calculation	**Field Size:**	
Physical Name:	calc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A script that specifies a particular calculation/validation procedure.

Logical Name:	calculation_database_iid_ref	**Field Size:**	
Physical Name:	calcdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	calculation_description	**Field Size:**	
Physical Name:	calc_desc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative text description of a particular calculation function.

Logical Name:	calculation_iid	**Field Size:**	
Physical Name:	calc_iid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	calculation_iid_ref	**Field Size:**	
Physical Name:	calciidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	calculation_name	**Field Size:**	60
Physical Name:	calc_nm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name associated with a particular calculation function.

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Logical Name:	calculation_sequence	**Field Size:**	
Physical Name:	calc_seq	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An integer number used to order the sequence in which calculation/validation names are displayed in a choice list.

Logical Name:	calculation_table_iid	**Field Size:**	
Physical Name:	calc_tbl_iid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	calculation_text_kind	**Field Size:**	
Physical Name:	calctextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	calculation_text_kind		

Description: A text entry is identified by its kind, category and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.

Logical Name:	calculation_type	**Field Size:**	
Physical Name:	calc_type	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	calculation_type		

Description: A code that distinguishes whether a function calculates the value(s) of one or more data elements or only checks the consistency of the values between two or more data elements.

Logical Name:	cation_exch_capcty_nh4oacph7	**Field Size:**	
Physical Name:	cec7	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meq/100g	**Maximum:**	400
Choice List Name:			

Description: The amount of readily exchangeable cations that can be electrically adsorbed to negative charges in the soil, soil constituent, or other material, at pH 7.0, as estimated by the ammonium acetate method.

Logical Name:	chor_aashto_iid	**Field Size:**	
Physical Name:	chaashtoiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	chor_consistence_iid	**Field Size:**	
Physical Name:	chconsistiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_desgn_suffix_iid	**Field Size:**	
Physical Name:	chdesgnsfxiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_fragments_iid	**Field Size:**	
Physical Name:	chfragsiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_pores_iid	**Field Size:**	
Physical Name:	chporesiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_structure_group_iid	**Field Size:**	
Physical Name:	chstructgrpiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_structure_group_iid_ref	**Field Size:**	
Physical Name:	chstructgrpiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	chor_structure_iid	**Field Size:**	
Physical Name:	chstructiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_text_iid	**Field Size:**	
Physical Name:	chtextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_texture_group_iid	**Field Size:**	
Physical Name:	chtgiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_texture_group_iid_ref	**Field Size:**	
Physical Name:	chtgiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_texture_iid	**Field Size:**	
Physical Name:	chtiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	chor_texture_iid_ref	**Field Size:**	
Physical Name:	chtiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_texture_modifier_iid	**Field Size:**	
Physical Name:	chtexmodiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chor_unified_iid	**Field Size:**	
Physical Name:	chunifiediid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chorizon_iid	**Field Size:**	
Physical Name:	chiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	chorizon_iid_ref	**Field Size:**	
Physical Name:	chiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	chorizon_text_kind	**Field Size:**	
Physical Name:	chorizontextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	chorizon_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.

Logical Name:	class_determining_phase	**Field Size:**	40
Physical Name:	otherph	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Phase criterion other than slope, texture, and flooding used to identify soil components.

Logical Name:	clay_sized_carbonate	**Field Size:**	
Physical Name:	claysizedcarb	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

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

Logical Name:	clay_total_estimated	**Field Size:**	
Physical Name:	claytotest	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles less than 0.002mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction, estimated at the time of sampling or description.

Logical Name:	clay_total_separate	**Field Size:**	
Physical Name:	claytotal	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

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

Logical Name:	climate_station_id	**Field Size:**	8
Physical Name:	climstaid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The station identifier. This is assigned by the responsible agency. This identifier uniquely identifies a climate station.

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Logical Name:	climate_station_name	**Field Size:**	50
Physical Name:	climstanm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The full descriptive name of the station as recognized by the agency responsible for the station.

Logical Name:	climate_station_type	**Field Size:**	15
Physical Name:	climstatype	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The type of the weather station, U.S. Official or Other.

Logical Name:	color_chroma	**Field Size:**	
Physical Name:	colorchroma	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	color_chroma		

Description: A measure of the relative strength of a spectral color using the Munsel notation system.

Logical Name:	color_hue	**Field Size:**	
Physical Name:	colorhue	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	color_hue		

Description: A measure of the dominant wavelength of light using Munsel notation system.

Logical Name:	color_moisture_state	**Field Size:**	
Physical Name:	colormoistst	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	color_moisture_status		

Description: An estimate of the amount of water held within a soil sample in relation to its effect on reflectance of light. Expressed as either moist or dry.

Logical Name:	color_percent	**Field Size:**	
Physical Name:	colorpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Percent of the soil specimen occupied by a particular color.

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Logical Name:	color_physical_state	**Field Size:**	
Physical Name:	colorphysst	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	color_physical_state		

Description: The physical condition or location of the soil sample used to determine soil color.

Logical Name:	color_value	**Field Size:**	
Physical Name:	colorvalue	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	color_value		

Description: A measure of the lightness of soil color relative to neutral gray using the Munsel notation system.

Logical Name:	comp_canopy_cover_iid	**Field Size:**	
Physical Name:	cocanopycoviid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_crop_yield_iid	**Field Size:**	
Physical Name:	cocropyldiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_diagnostic_features_iid	**Field Size:**	
Physical Name:	codiagfeatiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_ecological_site_iid	**Field Size:**	
Physical Name:	coecositeiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	comp_erosion_accelerated_iid	**Field Size:**
Physical Name:	coeroacciid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_existing_plants_iid	**Field Size:**
Physical Name:	coeplantsiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_forest_prod_iid	**Field Size:**
Physical Name:	cofprodiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_forest_prod_iid_ref	**Field Size:**
Physical Name:	cofprodiidref	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_forest_prod_other_iid	**Field Size:**
Physical Name:	cofprodoiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_geomorph_desc_iid	**Field Size:**
Physical Name:	cogeomdiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

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Logical Name:	comp_geomorph_desc_iid_ref	**Field Size:**	
Physical Name:	cogeomdiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_interp_iid	**Field Size:**	
Physical Name:	coiiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_interp_iid_ref	**Field Size:**	
Physical Name:	coiiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_interp_reason_iid	**Field Size:**	
Physical Name:	coireasoniid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_month_iid	**Field Size:**	
Physical Name:	comonthiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	comp_month_iid_ref	**Field Size:**	
Physical Name:	comonthiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_other_veg_class_iid	**Field Size:**	
Physical Name:	coovegcliid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_parent_mat_grp_iid	**Field Size:**	
Physical Name:	copmgrpiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_parent_mat_grp_iid_ref	**Field Size:**	
Physical Name:	copmgrpiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_parent_material_iid	**Field Size:**	
Physical Name:	copmiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	comp_pedon_iid	**Field Size:**
Physical Name:	copedoniid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_potential_windbreak_iid	**Field Size:**
Physical Name:	copwindbreakiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_restrictions_iid	**Field Size:**
Physical Name:	corestrictiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_soil_moisture_iid	**Field Size:**
Physical Name:	cosoilmoistiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_soil_temperature_iid	**Field Size:**
Physical Name:	cosoiltempiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	comp_surface_fragments_iid	**Field Size:**
Physical Name:	cosurffragsiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

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Logical Name:	comp_surface_morph_gc_iid	**Field Size:**	
Physical Name:	cosurfmorgciid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_surface_morph_hpp_iid	**Field Size:**	
Physical Name:	cosurfmorhppiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_surface_morph_mr_iid	**Field Size:**	
Physical Name:	cosurfmormriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_surface_morph_ss_iid	**Field Size:**	
Physical Name:	cosurfmorssiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_tax_fam_min_iid	**Field Size:**	
Physical Name:	cotaxfmminiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_tax_fam_other_iid	**Field Size:**	
Physical Name:	cotaxfoiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	comp_tax_moisture_class_iid	**Field Size:**	
Physical Name:	cotaxmciid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_text_iid	**Field Size:**	
Physical Name:	cotextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	comp_trees_to_plant_iid	**Field Size:**	
Physical Name:	cotreestopiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	compilation_certification	**Field Size:**	
Physical Name:	compcert	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the compilation job of a particular soil survey area was actually certified, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	compilation_completed	**Field Size:**	
Physical Name:	compcomp	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the compilation job of a particular soil survey is actually completed, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	compilation_funding_year	**Field Size:**	
Physical Name:	compfundyr	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	compilation_materials_needed	**Field Size:**
Physical Name:	compmatsneed	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date by which the hard copy compilation materials are needed, expressed as month, year -- xx/xxxx.

Logical Name:	compilation_materials_ordered	**Field Size:**
Physical Name:	compmatsorder	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date when the hard copy compilation materials for a particular soil survey were ordered, expressed as month, year -- xx/xxxx.

Logical Name:	compilation_materials_received	**Field Size:**
Physical Name:	compmatsrcvd	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date when the hard copy compilation materials were actually received in the state, expressed as month, year (e.g. 10/2001).

Logical Name:	compilation_percent	**Field Size:**
Physical Name:	compilationpct	**Precision:**
Logical Data Type:	Integer	**Minimum:** 0
Unit of Measure:	percent	**Maximum:** 100
Choice List Name:		

Description: The cumulative percentage of the compilation job for a particular soil survey that is complete, as of the reporting date.

Logical Name:	compilation_started	**Field Size:**
Physical Name:	compstart	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date on which the compilation job for a particular soil survey is actually started, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	component_iid	**Field Size:**
Physical Name:	coiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

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Logical Name:	component_iid_ref	**Field Size:**	
Physical Name:	coiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	component_kind	**Field Size:**	
Physical Name:	compkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	component_kind		

Description: Identifies the kind of component of the mapunit. Examples are series and miscellaneous areas.

Logical Name:	component_name	**Field Size:**	60
Physical Name:	compname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Name assigned to a component based on its range of properties.

Logical Name:	component_percent	**Field Size:**	
Physical Name:	comppct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The percentage of the component of the mapunit.

Logical Name:	component_selection_criteria	**Field Size:**	
Physical Name:	compselectcrit	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	component_selection_criteria		

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

Logical Name:	component_text_kind	**Field Size:**	
Physical Name:	comptextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	component_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.

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Logical Name:	concentration_boundary	**Field Size:**	
Physical Name:	concboundary	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_redox_boundary		

Description: Thickness of the gradation in color between the concentration and adjacent soil color. (SSM)

Logical Name:	concentration_contrast	**Field Size:**	
Physical Name:	conccntrst	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_rmf_mottle_contrast		

Description: The degree of visual distinction that is evident at the interface between the concentration and the surrounding soil. (SSM)

Logical Name:	concentration_hardness	**Field Size:**	
Physical Name:	conchardness	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_redox_hardness		

Description: The degree to which a concentration resists crushing.

Logical Name:	concentration_kind	**Field Size:**	
Physical Name:	conckind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concentration_kind		

Description: Any relatively homogeneous accumulation or segregation of substance dissimilar to the surrounding matrix. (SSM)

Logical Name:	concentration_location	**Field Size:**	
Physical Name:	conclocation	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_redox_location		

Description: Location of the concentration in relation to other morphological soil properties.

Logical Name:	concentration_percent	**Field Size:**	
Physical Name:	concpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The amount of accumulated or segregated materials.

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Logical Name:	concentration_shape	**Field Size:**	
Physical Name:	concshape	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_rmf_mottle_shape		

Description: A description of the multiaxial shape of the concentration.

Logical Name:	concentration_size	**Field Size:**	
Physical Name:	concsize	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_rmf_mottle_size		

Description: The dimension of the concentration, in which the measurement is dependent upon the concentration shape. (SSM)

Logical Name:	conservation_tree_shrub_group	**Field Size:**	
Physical Name:	constreeshrubgrp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	conservation_tree_shrub_group		

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

Logical Name:	corr_to_mapunit_iid_ref	**Field Size:**	
Physical Name:	corrtomuiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	corr_to_mapunit_name	**Field Size:**	175
Physical Name:	corrtomuname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Correlated name of the mapunit (recommended name or field name for surveys in progress).

Logical Name:	corr_to_mapunit_status	**Field Size:**	
Physical Name:	corrtomustatus	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_status		

Description: Identifies the current status of the map unit.

Attribute Report

Logical Name:	corr_to_mapunit_symbol	**Field Size:**	6
Physical Name:	corrtomusym	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The symbol used to uniquely identify the soil mapunit in the soil survey.

Logical Name:	correlation_date	**Field Size:**	
Physical Name:	cordate	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date the final correlation document for a soil survey is signed, expressed as month, year (e.g. 07/1999).

Logical Name:	correlation_event	**Field Size:**	
Physical Name:	corevent	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	correlation_event		

Description: The activity or event during which the documented correlation decision was made.

Logical Name:	correlation_iid	**Field Size:**	
Physical Name:	corriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	correlation_kind	**Field Size:**	
Physical Name:	corkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	correlation_kind		

Description: The type or kind of correlation decision that is being documented. This includes "join statements" and "notes to accompany" the correlation event.

Logical Name:	corrosion_concrete	**Field Size:**	
Physical Name:	corcon	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	corrosion_concrete		

Description: Susceptibility of concrete to corrosion when in contact with the soil.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	corrosion_uncoated_steel	**Field Size:**
Physical Name:	corsteel	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	corrosion_uncoated_steel	

Description: Susceptibility of uncoated steel to corrosion when in contact with the soil.

Logical Name:	critical_shear_stress	**Field Size:**
Physical Name:	taucfact	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:	Pa	**Maximum:**
Choice List Name:	critical_shear_stress	

Description: The hydraulic shear that must be exceeded before rill erosion can occur.

Logical Name:	crop_name	**Field Size:**
Physical Name:	cropname	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	crop_name	

Description: The common name for the crop.

Logical Name:	crop_productivity_index	**Field Size:**	
Physical Name:	cropprodindex	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	100
Choice List Name:			

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

Logical Name:	crop_yield_units	**Field Size:**
Physical Name:	yldunits	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	crop_yield_units	

Description: Crop yield units per unit area for the specified crop.

Logical Name:	current_air_temp	**Field Size:**	
Physical Name:	currairtemp	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	-50
Unit of Measure:	degrees c	**Maximum:**	55
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	current_weather_conditions	**Field Size:**	
Physical Name:	currweathcond	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	weather_conditions		

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

Logical Name:	daily_avg_pot_evapotrans	**Field Size:**	
Physical Name:	dlyavgpotet	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	mm	**Maximum:**	300
Choice List Name:			

Description: Daily average potential evapotranspiration for the referenced month.

Logical Name:	daily_avg_precip	**Field Size:**	
Physical Name:	dlyavgprecip	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	mm	**Maximum:**	750
Choice List Name:			

Description: The daily average precipitation for the referenced month. Commonly calculated as the total precipitation for the month divided by the number of days in the month. (February nominally has 28 days).

Logical Name:	data_approved_for_use	**Field Size:**	
Physical Name:	dataafuse	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not an object is approved for use.

Logical Name:	data_mapunit_description	**Field Size:**	60
Physical Name:	dmudesc	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A short text field used to describe a data mapunit.

Logical Name:	data_mapunit_iid	**Field Size:**	
Physical Name:	dmuiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	data_mapunit_iid_ref	**Field Size:**	
Physical Name:	dmuiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	data_mapunit_text_kind	**Field Size:**	
Physical Name:	dmutextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	data_mapunit_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.

Logical Name:	database_city	**Field Size:**	30
Physical Name:	dbcity	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of the city in which a particular NASIS database occurrence resides.

Logical Name:	database_contact	**Field Size:**	30
Physical Name:	dbcontact	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of the primary contact person for a particular NASIS database occurrence.

Logical Name:	database_county	**Field Size:**	30
Physical Name:	dbcounty	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of the county in which a particular NASIS database occurrence resides.

Logical Name:	database_description	**Field Size:**	60
Physical Name:	dbdesc	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative text entry that contains information about a particular NASIS database occurrence.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	database_iid	**Field Size:**	
Physical Name:	dbiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	database_iid_ref	**Field Size:**	
Physical Name:	dbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	database_name	**Field Size:**	30
Physical Name:	dbname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of a particular NASIS database occurrence.

Logical Name:	database_office_type	**Field Size:**	
Physical Name:	dbofftype	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	database_office_type		

Description: The name of the type of office in which a particular NASIS database occurrence resides.

Logical Name:	database_phone	**Field Size:**	20
Physical Name:	dbphone	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The phone number of the primary contact person for a particular NASIS database occurrence.

Logical Name:	database_state	**Field Size:**	
Physical Name:	dbstate	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	state_fips_code_alpha		

Description: The name of the state in which a particular NASIS database occurrence resides. Expressed as the FIPS alpha code e.g. CO.

Attribute Report

Logical Name:	describers_name	**Field Size:**	150
Physical Name:	descname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Name of person(s) that described the soil.

Logical Name:	diag_horz_feat_depth_to_botm	**Field Size:**	
Physical Name:	featdepb	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the top of the soil to the base of the identified diagnostic horizon or to the lower limit of the occurrence of the diagnostic feature.

Logical Name:	diag_horz_feat_depth_to_top	**Field Size:**	
Physical Name:	featdept	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the top of the soil to the upper boundary of the identified diagnostic horizon or to the upper limit of the occurrence of the diagnostic feature.

Logical Name:	diag_horz_feat_kind	**Field Size:**	
Physical Name:	featkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	diag_horz_feat_kind		

Description: Kind of diagnostic horizon or diagnostic feature in the soil.

Logical Name:	diag_horz_feat_thickness	**Field Size:**	
Physical Name:	featthick	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the upper to lower boundary of the identified diagnostic horizon or feature.

Logical Name:	digitizing_completed	**Field Size:**	
Physical Name:	digcomp	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which digitizing of a particular soil survey is actually completed, expressed as month, day, year -- xx/xx/xxxx.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	digitizing_funding_year	**Field Size:**	
Physical Name:	digfundyr	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	digitizing_percent	**Field Size:**	
Physical Name:	digpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The percentage of the digitizing job for a particular soil survey that is completed.

Logical Name:	digitizing_started	**Field Size:**	
Physical Name:	digstart	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which digitizing of a particular soil survey is started, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	digitizing_unit	**Field Size:**	
Physical Name:	digunit	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	digitizing_unit		

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

Logical Name:	dist_comp_md_iid	**Field Size:**	
Physical Name:	distcompmdiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	dist_database_iid_ref	**Field Size:**	
Physical Name:	distdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	dist_interp_md_iid	**Field Size:**	
Physical Name:	distinterpmdiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	dist_legend_md_iid	**Field Size:**	
Physical Name:	distlegendmdiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	dist_legend_md_iid_ref	**Field Size:**	
Physical Name:	distlegendmdiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	dist_mapunit_md_iid	**Field Size:**	
Physical Name:	distmumdiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	dist_mapunit_md_iid_ref	**Field Size:**	
Physical Name:	distmumdiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	dist_md_iid	**Field Size:**
Physical Name:	distmdiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	dist_md_iid_ref	**Field Size:**
Physical Name:	distmdiidref	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	dist_text_md_iid	**Field Size:**
Physical Name:	disttextmdiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	distribution_generation_date	**Field Size:**
Physical Name:	distgendate	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date and time that a request to export data, which was submitted by a NASIS user, was actually processed.

Logical Name:	distribution_request_date	**Field Size:**
Physical Name:	distreqdate	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date and time when a NASIS user submitted a request to export a selected set of data. Export requests are not immediately processed at the time they are generated.

Logical Name:	distribution_status	**Field Size:**
Physical Name:	diststatus	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	distribution_status	

Description: The current status of a NASIS export request. This status may reflect either a pending request status or a processed request status.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	dmu_certification_status	**Field Size:**	
Physical Name:	dmucertstat	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	dmu_certification_status		

Description: The level of certification assigned to a data mapunit. Intended to indicate whether or not the data mapunit should be used and the degree of confidence with which it may be used.

Logical Name:	dmu_crop_yield_iid	**Field Size:**	
Physical Name:	dmucrpyldiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	dmu_database_iid_ref	**Field Size:**	
Physical Name:	dmudbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	dmu_dcs_cert_boolean	**Field Size:**	
Physical Name:	dmudcscbool	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not data mapunits with data certification status "certified" should be included in a set of exported data.

Logical Name:	dmu_dcs_notcert_boolean	**Field Size:**	
Physical Name:	dmudcsncbool	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not data mapunits with data certification status "not certified" should be included in a set of exported data.

Logical Name:	dmu_dcs_notfordist_boolean	**Field Size:**	
Physical Name:	dmudcsnfdbool	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not data mapunits with data certification status "not for distribution" should be included in a set of exported data.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	dmu_dcs_partcert_boolean	**Field Size:**	
Physical Name:	dmudcspcbool	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not data mapunits with data certification status "partly certified" should be included in a set of exported data.

Logical Name:	dmu_interpretive_focus	**Field Size:**	30
Physical Name:	dmuinterpfocus	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The targeted landuse for which the Data Map Unit (DMU) was developed. The properties of included mapunit components are tailored towards this landuse.

Logical Name:	dmu_investigation_intensity	**Field Size:**	
Physical Name:	dmuinvesintens	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	dmu_investigation_intensity		

Description: The order of survey for which the Data Map Unit was developed.

Logical Name:	dmu_selection_criteria	**Field Size:**	
Physical Name:	dmuselectcrit	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	data_mapunit_selection_criteria		

Description: The general scheme used for selecting data mapunits for inclusion in a set of exported data.

Logical Name:	dmu_text_iid	**Field Size:**	
Physical Name:	dmutextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	dmu_when_last_updated	**Field Size:**	
Physical Name:	dmuwlupdated	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The last date in which any data element of a particular NASIS object (area, data mapunit, etc.) was modified.

Attribute Report

Logical Name:	doqs_needed	**Field Size:**	
Physical Name:	doqsneed	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date that digital orthophotography is needed for a particular soil survey, expressed as month, year (e.g. 01/2001).

Logical Name:	doqs_ordered	**Field Size:**	
Physical Name:	doqsorder	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date that digital orthophotography is actually ordered for a particular soil survey, expressed as month, year (e.g. 06/2000).

Logical Name:	doqs_received	**Field Size:**	
Physical Name:	doqsrcvd	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date that digital orthophotography is actually received for a particular soil survey, expressed as month, year (e.g. 11/2001).

Logical Name:	drainage_class	**Field Size:**	
Physical Name:	drainagecl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	drainage_class		

Description: Identifies the natural drainage conditions of the soil and refers to the frequency and duration of wet periods. An example of a drainage class is well drained.

Logical Name:	earth_cover_kind_level_one	**Field Size:**	
Physical Name:	earthcovkind1	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	earth_cover_kind_level_one		

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

Logical Name:	earth_cover_kind_level_two	**Field Size:**	
Physical Name:	earthcovkind2	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	earth_cover_kind_level_two		

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	ecological_site_db_iid_ref	**Field Size:**	
Physical Name:	ecositedbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ecological_site_herb1	**Field Size:**	127
Physical Name:	ecositeherb1	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The scientific name of the representative climax herbaceous species of representative vegetation types that are correlated to an ecological site.

Logical Name:	ecological_site_herb2	**Field Size:**	127
Physical Name:	ecositeherb2	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The scientific name of a second representative climax herbaceous species of representative vegetation types that are correlated to an ecological site.

Logical Name:	ecological_site_id	**Field Size:**	11
Physical Name:	ecositeid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The unique identifier for a particular ecological site. It is the concatenated form of the five ecological site ID key fields, ecological site type, ecological site MLRA, ecological site LRU, ecological site number and ecological site state FIPS alpha code.

Logical Name:	ecological_site_iid	**Field Size:**	
Physical Name:	ecositeiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

Logical Name:	ecological_site_iid_ref	**Field Size:**	
Physical Name:	ecositeiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ecological_site_lru	**Field Size:**	
Physical Name:	ecositelru	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ecological_site_lru		

Description: A single letter identifying state-defined subdivisions of major land resource areas (MLRA) based on significant statewide differences in climate, water resources, land use, potential natural vegetation, or other natural resource conditions. The default letter "Y" indicates no land resource units have been assigned.

Logical Name:	ecological_site_mlra	**Field Size:**	
Physical Name:	ecositemlra	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ecological_site_mlra		

Description: The four-character, unique identifier (symbol) composed of a combination of numbers and letters that identifies a particular Major Land Resource Area (MLRA). If the symbol does not contain a letter suffix, the letter "X" is added as a space holder. If the symbol is less than four characters in length, one or two zeroes are added at the beginning of the symbol to make it the correct length.

Logical Name:	ecological_site_name	**Field Size:**	254
Physical Name:	ecositenm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of an ecological site expressed as the concatenation of a number of underlying individual name components. Due to the size and number of name components, the concatenated name field may not be wide enough to contain the full ecological site name.

Logical Name:	ecological_site_number	**Field Size:**	
Physical Name:	ecositenumber	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	999
Choice List Name:			

Description: A three digit identification number assigned to a particular ecological site by the state with responsibility for that site.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	ecological_site_primary_name	**Field Size:**	100
Physical Name:	ecositepnm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A descriptive designation for an ecological site, ie. "loamy upland". This is a required entry for "rangeland" ecological sites.

Logical Name:	ecological_site_secondary_name	**Field Size**	30
Physical Name:	ecositesnm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An optional supplemental portion to the name given to an ecological site, typically associated with a soil phase, ie. "gravelly".

Logical Name:	ecological_site_shrub1	**Field Size:**	127
Physical Name:	ecositeshrub1	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The scientific name of the representative climax shrub species of representative vegetation types that are correlated to an ecological site.

Logical Name:	ecological_site_shrub2	**Field Size:**	127
Physical Name:	ecositeshrub2	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The scientific name of a second representative climax shrub species of representative vegetation types that are correlated to an ecological site.

Logical Name:	ecological_site_state	**Field Size:**	
Physical Name:	ecositestate	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	state_alpha_fips_code		

Description: The two character postal (alpha FIPS) code for states and territories of the United States that has responsibility for the particular ecological site.

Logical Name:	ecological_site_tertiary_name	**Field Size:**	30
Physical Name:	ecositetnm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An optional supplemental portion to the name given to an ecological site, typically associated with climate or precipitation zones, ie. "17-22 inch p.z.".

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System Name: NASIS 5.2.5

Logical Name:	ecological_site_tree1	**Field Size:**	127
Physical Name:	ecositetree1	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The scientific name of the representative climax overstory species of representative vegetation types that are correlated to an ecological site.

Logical Name:	ecological_site_tree2	**Field Size:**	127
Physical Name:	ecositetree2	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The scientific name of a second representative climax overstory species of representative vegetation types that are correlated to an ecological site.

Logical Name:	ecological_site_type	**Field Size:**	
Physical Name:	ecositetype	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ecological_site_type		

Description: A single letter designation assigned to an ecological site based upon the historic climax plant community. "R" is assigned to sites where the overstory tree production was not significant in the climax vegetation. "F" is assigned where the historic vegetation was dominated by at least a 25% overstory canopy of trees, as determined by crown perimeter vertical projection.

Logical Name:	edit_setup	**Field Size:**	
Physical Name:	editsetup	**Precision:**	
Logical Data Type:	Edit Setup	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The operative specification portion of a particular edit setup.

Logical Name:	edit_setup_database_iid_ref	**Field Size:**	
Physical Name:	edtsudbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	edit_setup_description	**Field Size:**	
Physical Name:	edtsudesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The narrative description of a particular edit setup.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	edit_setup_element_iid	**Field Size:**	
Physical Name:	edtsuelmiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	edit_setup_iid	**Field Size:**	
Physical Name:	edtsuiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	edit_setup_iid_ref	**Field Size:**	
Physical Name:	edtsuiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	edit_setup_name	**Field Size:**	60
Physical Name:	edtsuname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The user specified name of a particular edit setup.

Logical Name:	edit_setup_table_iid	**Field Size:**	
Physical Name:	edtsutabiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	edit_setup_table_iid_ref	**Field Size:**	
Physical Name:	edtsutabiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	editor_iid	**Field Size:**	
Physical Name:	editoriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	effective_cation_exch_capcty	**Field Size:**	
Physical Name:	ecec	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meq/100g	**Maximum:**	400
Choice List Name:			

Description: The sum of NH4OAc extractable bases plus KCl extractable aluminum.

Logical Name:	effervescence_agent	**Field Size:**	
Physical Name:	effagent	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	effervescence_agent		

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

Logical Name:	effervescence_class	**Field Size:**	
Physical Name:	effclass	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	effervescence_class		

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

Logical Name:	effervescence_location	**Field Size:**	
Physical Name:	efflocation	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	effervescence_location		

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	elec_cond_determination_meth	**Field Size:**	
Physical Name:	ecdeterminemeth	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	elec_cond_method		

Description: The method used to measure the electrical conductivity of the soil.

Logical Name:	electrical_conductivity	**Field Size:**	
Physical Name:	ec	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	mmhos/cm	**Maximum:**	15000
Choice List Name:			

Description: The electrical conductivity of an extract from saturated soil paste.

Logical Name:	element_alignment	**Field Size:**	1
Physical Name:	elmalign	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An indicator as to the positional alignment of data within a column.

A value of "L" indicates that the corresponding column should be left aligned. A value of "R" indicates that the corresponding column should be right aligned. A value of "C" indicates that the corresponding column should be center aligned.

Logical Name:	element_iid	**Field Size:**	
Physical Name:	elm_iid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	element_position	**Field Size:**	
Physical Name:	elmposition	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A number specifying its corresponding column's display order sequence amongst the other visible columns in a table.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	element_qualifier	**Field Size:**	
Physical Name:	elmqualifier	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An integer value that indicates in which of the following categories a column falls:

non-modal column (potentially calculable) (128) non-modal calculable column source status column (256) low value modal column (potentially calculable) (1) low value modal calculable column source status column (8) representative value modal column (potentially calculable) (4) representative value modal calculable column source status column (32) high value modal column (potentially calculable) (2) high value model column calculable source status column (16).

Logical Name:	element_sort_direction	**Field Size:**	1
Physical Name:	elmsortdir	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An indicator of the sorting direction of a specific column.

A value of "A" indicates that the corresponding column should be sorted in ascending order. A value of "D" indicates that the corresponding column should be sorted in descending order.

Logical Name:	element_sort_sequence	**Field Size:**	
Physical Name:	elmsortseq	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A number indicating a column's sequence in a table's sort key, i.e. 1=primary, 2=secondary, etc.

Logical Name:	element_sort_type	**Field Size:**	
Physical Name:	elmsorttype	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A number specifying the algorithm by which its corresponding column should be sorted. 0=data type default 1=Lexigraphical 2=Numeric/Lexigraphical/Numeric

Logical Name:	element_width	**Field Size:**	
Physical Name:	elmwidth	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A number specifying its corresponding column's display width in the NASIS editor, expressed in number of characters.

Attribute Report

Logical Name:	elevation	**Field Size:**	
Physical Name:	elev	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	-300
Unit of Measure:	meters	**Maximum:**	8550
Choice List Name:			

Description: The vertical distance from mean sea level to a point on the earth's surface.

Logical Name:	english_edit_completed	**Field Size:**	
Physical Name:	engeditcomp	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the English edit was actually completed, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	english_edit_received	**Field Size:**	
Physical Name:	engeditrcvd	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the technically edited and reviewed manuscript was received for English edit, expressed as month, year -- xx/xxxx.

Logical Name:	english_edit_scheduled	**Field Size:**	
Physical Name:	engeditsch	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the English edit is scheduled to be completed, expressed as month, year -- xx/xxxx.

Logical Name:	erosion_accelerated_kind	**Field Size:**	
Physical Name:	erokind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	erosion_accelerated_kind		

Description: The type of detachment and removal of surface soil particles as largely affected by human activities. (SSM)

Logical Name:	erosion_class	**Field Size:**	
Physical Name:	erocl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	erosion_class		

Description: Class of accelerated erosion. (SSM)

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	evaluation	**Field Size:**	
Physical Name:	eval	**Precision:**	
Logical Data Type:	Evaluation	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The specifications for determining a property's membership in a set.

Logical Name:	evaluation_database_iid_ref	**Field Size:**	
Physical Name:	evaldbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	evaluation_description	**Field Size:**	
Physical Name:	evaldesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative text definition of an evaluation.

Logical Name:	evaluation_iid	**Field Size:**	
Physical Name:	evaliid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	evaluation_iid_ref	**Field Size:**	
Physical Name:	evaliidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	evaluation_name	**Field Size:**	60
Physical Name:	evalname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A user assigned name (typically connotative) for an evaluation.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	evaluation_text_iid	**Field Size:**
Physical Name:	evaltextiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	excavation_difficulty_class	**Field Size:**
Physical Name:	excavdifcl	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	excavation_difficulty_class	

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

Logical Name:	excavation_difficulty_moist_st	**Field Size:**
Physical Name:	excavdifms	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	observed_soil_moisture_status	

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

Logical Name:	exists_on_feature	**Field Size:**
Physical Name:	existsonfeat	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: An integer referring to a sequence number in the same table, intended to indicate a relationship between two or more rows in a table.

Logical Name:	export_certification_date	**Field Size:**
Physical Name:	exportcertdate	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date and time that soil survey area tabular data was exported from NASIS.

Logical Name:	export_certification_status	**Field Size:**
Physical Name:	exportcertstatus	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	export_certification_status	

Description: The level of certification assigned to a tabular data package for a particular soil survey area.

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System Name: NASIS 5.2.5

Logical Name:	export_metadata	**Field Size:**	
Physical Name:	exportmetadata	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	extractable_acidity	**Field Size:**	
Physical Name:	extracid	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meq/100g	**Maximum:**	250
Choice List Name:			

Description: A measure of soil exchangeable hydrogen ions that may become active by cation exchange.

Logical Name:	extractable_aluminum	**Field Size:**	
Physical Name:	extral	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meq/100g	**Maximum:**	150
Choice List Name:			

Description: The amount of aluminum extracted in 1 normal potassium chloride. The following laboratory method is applied: 55 ml of 1 normal potassium chloride is extracted through 2.5 g of soil sample. The extract is analyzed by use of an atomic adsorption spectrometer or similar instrument (SSIR #1, method 6G9a and NSSH).

Logical Name:	farmland_classification	**Field Size:**	
Physical Name:	farmlndcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	farmland_classification		

Description: Identification of map units as prime farmland, farmland of statewide importance, or farmland of local importance.

Logical Name:	fiber_rubbed_percent	**Field Size:**	
Physical Name:	fibrerpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The proportion of the organic material in a sample that is composed of fibric material, reported as a percent by volume of the less than 2 mm fraction.

Logical Name:	fiber_unrubbed_percent	**Field Size:**	
Physical Name:	fibrgurpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The proportion of the organic material in a sample composed of fibric and hemic material, reported as a percent by volume of the less than 2 mm fraction.

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System Name: NASIS 5.2.5

Logical Name:	field_code	**Field Size:**	6
Physical Name:	fieldcode	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The short code for the chosen data entry used in some primary data collection. The code is coordinated with the Field Guide for Describing and Sampling Soils.

Logical Name:	field_imagery_needed	**Field Size:**	
Physical Name:	fldimgryneed	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date that imagery used in field mapping is needed for a particular soil survey, expressed as month, year (e.g. 10/2000).

Logical Name:	field_imagery_ordered	**Field Size:**	
Physical Name:	fldimgryorder	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date that imagery used in field mapping is actually ordered by NCGC for a particular soil survey, expressed as month, year (e.g. 04/2000).

Logical Name:	field_imagery_received	**Field Size:**	
Physical Name:	fldimgryrcvd	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date that imagery used in field mapping for a particular soil survey is actually received in the state, expressed as month, year (e.g. 09/2000).

Logical Name:	field_meas_property_name	**Field Size:**	80
Physical Name:	fmpname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name assigned to an user defined field measured property. To be used when the parameter to be recorded does not already exist elsewhere in the database.

Logical Name:	field_meas_property_units	**Field Size:**	30
Physical Name:	fmpunits	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The unit of measure associated with a particular field measurement.

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System Name: NASIS 5.2.5

Logical Name:	field_meas_property_value	**Field Size:**	
Physical Name:	fmpvalue	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The measured or observed value of the specific user defined parameter.

Logical Name:	final_field_review_completed	**Field Size:**	
Physical Name:	finfldrvcomp	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the final field review for an Initial or Update soil survey was completed, expressed as month, day, year (e.g. 06/21/1998).

Logical Name:	fiscal_year	**Field Size:**	
Physical Name:	fiscalyear	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The designation of the referenced federal fiscal year (i.e. 1998), running October 1 through September 30.

Logical Name:	fl_ecological_community_number	**Field Size:**	5
Physical Name:	flecolcomnum	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Numbers correspond to the NRCS printed publication "26 Ecological Communities of Florida" 1995. This publication is based on the awareness that a soil type commonly supports a specific vegetative community, which in turn provides the habitat needed by specific wildlife species.

Logical Name:	fl_highly_erodible	**Field Size:**	
Physical Name:	flhe	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A data element with a yes/no entry, assigned by soil component, used in Florida. It is used to identify highly erodible land.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	fl_potentially_highly_erodible	**Field Size:**	
Physical Name:	flphe	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A data element with a yes/no entry, assigned by soil component, used in Florida. The basis for identifying highly erodible land is the erodibility index of a soil survey map unit. The erodibility index of a soil is determined by dividing the potential erodibility for each soil survey map unit by the soil loss tolerance (T) value established for the soil. The potential erodibility for a map unit differs according to the erosion type (water or wind erosion). The T value represents the maximum annual rate of soil erosion that could take place without causing a decline in long-term productivity. A soil map unit with an erodibility index of 8 or more is a highly erodible soil map unit.

For water erosion, a soil survey map unit is potentially highly erodible if: (1) the RKLS/T value using the minimum LS factor is less than 8 and (2) the RKLS/T value using the maximum LS factor is equal to or greater than 8. (Predicting Rainfall Erosion Losses; A Guide to Conservation Planning, Field Office Technical Guide, Nat. FSA Handbook Sec. 511.23, and Florida Erosion Control Handbook)

Logical Name:	fl_soil_leaching_potential	**Field Size:**	
Physical Name:	flsoilleachpot	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	fl_soil_leaching_potential		

Description: The potential of the soil to allow chemicals to leave the application site by leaching through the soil, as used in Florida state law. Soils with a rating of High or Medium are considered to pose a potential leaching hazard.

Logical Name:	fl_soil_runoff_potential	**Field Size:**	
Physical Name:	flsoirunoffpot	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	fl_soil_runoff_potential		

Description: The potential of the soil to allow chemicals to leave the application site with runoff water and/or detached soil particles, as defined for use in Florida. Soils with a rating of High or Medium are considered to pose a potential runoff hazard.

Logical Name:	fl_temik_2_use	**Field Size:**	
Physical Name:	fltemik2use	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The following soil related use restrictions for Temik 10G (aldicarb) exits if the pesticide is to be applied to citrus in Florida. Temik cannot be used within 1000 feet of a drinking water well unless it is known that the well is cased to 100 feet below ground level or to a minimum of 30 feet below the water table in soils that have:
1. A permeability of twenty inches/hour or more (very rapid permeability) and
2. A water holding capacity of less than 0.06 inch/inch of soil (very low water holding capacity)--
in all horizons to a depth of 80 inches or to bedrock if bedrock is within 80 inches of the surface.
The choice indicates that if a component has soil properties, according to state labeling, favorable for the application of the pesticide Temik 10G, the entry is Yes. If the component does not have favorable properties the entry is No.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	fl_triumph_2_use	**Field Size:**	
Physical Name:	fltriumph2use	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Soil related use restrictions for Triumph 4E Insecticide are applicable in certain conditions in Florida. Please note the label for the conditions. The soil related conditions are as follows:
1. A permeability of six inches/hour or more (rapid or very rapid permeability) and
2. A water holding capacity of 0.10 inch/inch of soil or less (low or very low water holding capacity)--
in all horizons to a depth of 80 inches or to bedrock if bedrock is within 80 inches of the surface.

The choice indicates that if a component has soil properties, according to state labeling, favorable for the application of the pesticide Triumph 4E Insecticide (trademark), the entry is Yes. If the component does not have favorable properties the entry is No.

Logical Name:	flooding_duration_class	**Field Size:**	
Physical Name:	floddurcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	flooding_duration_class		

Description: Average duration of inundation per flood occurrence and expressed as a class. (NSSH)

Logical Name:	flooding_frequency_class	**Field Size:**	
Physical Name:	flodfreqcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	flooding_frequency_class		

Description: The annual probability of a flood event expressed as a class. (SSM).

Logical Name:	flooding_month_begin	**Field Size:**	
Physical Name:	flodmonthbeg	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	flooding_ponding_month		

Description: The month of the year in which the predicted flooding period of a soil is likely to begin.

Logical Name:	forage_suitability_grp_lru	**Field Size:**	
Physical Name:	forsgrplru	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ecological_site_lru		

Description: A single letter identifying state-defined subdivisions of major land resource areas (MLRA) based on significant statewide differences in climate, water resources, land use, potential natural vegetation, or other natural resource conditions. The letter "Y" indicates no land resource units have been assigned.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	forage_suitability_grp_mlra	**Field Size:**	
Physical Name:	forsgrpmlra	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ecological_site_mlra		

Description: The unique identifier composed of a combination of numbers and letters that identifies a particular Major Land Resource Area (MLRA).

Logical Name:	forage_suitability_grp_number	**Field Size:**	3
Physical Name:	forsgrpnumber	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A three digit identification number assigned to a particular ecological site by the state with responsibility for that site.

Logical Name:	forage_suitability_grp_state	**Field Size:**	
Physical Name:	forsgrpstate	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	state_alpha_fips_code		

Description: The two character postal code for states and territories of the United States.

Logical Name:	forage_suitability_grp_type	**Field Size:**	
Physical Name:	forsgrptype	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	forage_suitability_grp_type		

Description: A designation assigned to a group based culturally managed plants and the group's capability to support the same adapted forage plants, requiring similar treatment and management, and having similar potential productivity.

Logical Name:	forest_productivity	**Field Size:**	
Physical Name:	fprod	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:		**Maximum:**	9999
Choice List Name:			

Description: The annual growth of forest overstory tree species.

Logical Name:	forest_productivity_units	**Field Size:**	
Physical Name:	fprodunits	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	forest_productivity_units		

Description: The unit of measure in which the annual productivity of forest overstory tree species is expressed.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	forest_understory_prod_pct	**Field Size:**	
Physical Name:	forestunprod	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The percentage of total annual site production attributed to the specific forest understory plant, expressed as percent of total air dry plant material by weight.

Logical Name:	fragment_hardness	**Field Size:**	
Physical Name:	fraghard	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	rupture_resist_block_cem		

Description: The hardness of a fragment.

Logical Name:	fragment_kind	**Field Size:**	
Physical Name:	fragkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	fragment_kind		

Description: The lithology/composition of the 2 mm or larger fraction of the soil (20 mm or larger for wood fragments).

Logical Name:	fragment_roundness	**Field Size:**	
Physical Name:	fraground	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	fragment_roundness		

Description: An expression of the sharpness of edges and corners of fragments. (Sedimentary Rocks, Pettijohn, 1957)

Logical Name:	fragment_shape	**Field Size:**	
Physical Name:	fragshp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	fragment_shape		

Description: A description of the overall shape of the fragment.

Logical Name:	fragment_size	**Field Size:**	
Physical Name:	fragsize	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	2
Unit of Measure:	mm	**Maximum:**	3000
Choice List Name:			

Description: Size based on the multiaxial dimensions of the fragment fraction.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	fragment_volume	**Field Size:**	
Physical Name:	fragvol	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The volume percentage of the horizon occupied by the 2 mm or larger fraction (20 mm or larger for wood fragments), on a whole soil base.

Logical Name:	free_iron_oxides	**Field Size:**	
Physical Name:	freeiron	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The secondary iron oxides such as geothite, hematite, ferrihydrite, lepidocrocite and maghemite. This form of iron may occur as discrete particles, as coatings on other particles, or as cementing agents between soil mineral grains. It is iron extracted by dithionite-citrate.

Logical Name:	geologic_formation	**Field Size:**	60
Physical Name:	geoform	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The basic lithostratigraphic unit used to describe, delimit, and interpret sedimentary, extrusive igneous, metavolvanic, and metasedimentary or sediment bodies (excludes metamorphic and intrusive igneous rocks), based on lithic characteristics and stratigraphic position. A formation is commonly, but not necessarily, tabular and stratified and is of sufficient extent to be mappable at the earth's surface or traceable in the subsurface at convenient map scales.

Logical Name:	geologic_group	**Field Size:**	60
Physical Name:	geogroup	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The lithostratigraphic unit next in rank below a supergroup. A group is a named assemblage of related superposed formations, which may include unnamed formations. Groups are useful for small-scale (broad) mapping and regional stratigraphic analysis.

Logical Name:	geologic_member	**Field Size:**	60
Physical Name:	geomember	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The formal lithostratigraphic unit next in rank below a formation, and always part of a formation. A formation need not be divided selectively or entirely into members. A member may extend laterally from one formation to another.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	geomorph_feat_description	**Field Size:**
Physical Name:	geomfdesc	**Precision:**
Logical Data Type:	Vtext	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: Definition of a geomorphic term.

Logical Name:	geomorph_feat_iid	**Field Size:**
Physical Name:	geomfiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	geomorph_feat_iid_ref	**Field Size:**
Physical Name:	geomfiidref	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	geomorph_feat_modifier	**Field Size:**	60
Physical Name:	geomfmod	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A user specified term(s) used in association with geomorphic features to further define, clarify, and describe the setting of a soil in the the landscape. The terms may, for example, describe relative position, mode of formation, degree of degradation, slope, or geologic time of origin.

Logical Name:	geomorph_feat_name	**Field Size:**	50
Physical Name:	geomfname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A word or group of words used to name a feature on the earth's surface, expressed in the singular form.

Logical Name:	geomorph_feat_name_plural	**Field Size:**	50
Physical Name:	geomfnamep	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A word or group of words used to name a feature on the earth's surface, expressed in the plural form.

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System Name: NASIS 5.2.5

Logical Name:	geomorph_feat_type_description	**Field Size:**	
Physical Name:	geomftdesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Definition of a geomorphic kind.

Logical Name:	geomorph_feat_type_iid	**Field Size:**	
Physical Name:	geomftiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	geomorph_feat_type_iid_ref	**Field Size:**	
Physical Name:	geomftiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	geomorph_feat_type_name	**Field Size:**	30
Physical Name:	geomftname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: One of several pseudo-hierarchical terms used to describe relative levels of scale for geomorphic terms.

Logical Name:	geomorph_ft_database_iid_ref	**Field Size:**	
Physical Name:	geomftdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	geomorph_micro_relief	**Field Size:**	
Physical Name:	geomicrorelief	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	micro_relief_kind		

Description: The kind of slight variations in the height of a land surface that are too small or intricate to delineate on a topographic or soils map at commonly used scales (1:24000, and 1:10000).

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System Name: NASIS 5.2.5

Logical Name:	geomorph_microrelief_elevation	**Field Size:**	
Physical Name:	geommicelev	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	999
Choice List Name:			

Description: The vertical elevation difference of the microrelief.

Logical Name:	geomorph_microrelief_pattern	**Field Size:**	
Physical Name:	geommicpat	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	geomorph_microrelief_pattern		

Description: The surficial pattern of the microrelief feature.

Logical Name:	geomorph_slope_segment	**Field Size:**	
Physical Name:	geomslopeseg	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	slope_segment		

Description: Position of the pedon site within the segment of the slope.

Logical Name:	geomorphic_feat_id	**Field Size:**	
Physical Name:	geomfeatid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A row ID assigned by a user to identify a particular row in a table.

Logical Name:	geomorphic_position_flats	**Field Size:**	
Physical Name:	geomposflats	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	geomor_pos_flat		

Description: Description of the geomorphic component for flats.

Logical Name:	geomorphic_position_hills	**Field Size:**	
Physical Name:	geomposhill	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	geomor_pos_hill		

Description: A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of hills.

Attribute Report

Logical Name:	geomorphic_position_mountains	**Field Size:**	
Physical Name:	geomposmntn	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	geomor_pos_mountain		

Description: A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of mountains.

Logical Name:	geomorphic_position_terraces	**Field Size:**	
Physical Name:	geompostrce	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	geomor_pos_terrace		

Description: A mappable part of the earth's surface (three dimensional) that represents an episode of landscape development of terraces.

Logical Name:	group_contact	**Field Size:**	30
Physical Name:	grpcontact	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of the primary contact for a particular NASIS group.

Logical Name:	group_description	**Field Size:**	60
Physical Name:	grpdesc	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative text entry that contains information about a particular NASIS group.

Logical Name:	group_iid	**Field Size:**	
Physical Name:	grpiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	group_iid_ref	**Field Size:**	
Physical Name:	grpiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	group_member_iid	**Field Size:**	
Physical Name:	grpmemiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	group_name	**Field Size:**	30
Physical Name:	grpname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of a NASIS group in a particular NASIS database occurrence, e.g. state office.

Logical Name:	group_phone	**Field Size:**	20
Physical Name:	grpphone	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The phone number of the primary contact for a particular NASIS group.

Logical Name:	gypsum	**Field Size:**	
Physical Name:	gypsum	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	120
Choice List Name:			

Description: The percent by weight of hydrated calcium sulfate in the less than 20 mm fraction of soil.

Logical Name:	hillslope_profile	**Field Size:**	
Physical Name:	hillslopeprof	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	hillslope_profile		

Description: Two dimensional slope segments of a hillslope that have similar geometric, erosional, or depositional characteristics.

Logical Name:	horizon_color_variegated_flag	**Field Size:**	
Physical Name:	horcolorvflag	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An indicator as to whether the described colors are variegated (mixed) or not.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	horizon_depth_to_bottom	**Field Size:**	
Physical Name:	hzdepb	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the top of the soil to the base of the soil horizon.

Logical Name:	horizon_depth_to_top	**Field Size:**	
Physical Name:	hzdept	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the top of the soil to the upper boundary of the soil horizon.

Logical Name:	horizon_designation	**Field Size:**	12
Physical Name:	hzname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The concatenation of three kinds of symbols (four data elements) used in various combinations to designate layers within the soil. (SSM)

Logical Name:	horizon_feature_kind	**Field Size:**	
Physical Name:	horfeatkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	horizon_feature_kind		

Description: A descriptive term or phrase used to express differences between the horizon feature and soil matrix.

Logical Name:	horizon_lateral_area_percent	**Field Size:**	
Physical Name:	horzlatareapct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Percentage of horizontal cross sectional area of the pedon occupied by a horizon.

Logical Name:	horizon_permeability_class	**Field Size:**	
Physical Name:	horzpermclass	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	permeability_class		

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	horizon_thickness	**Field Size:**	
Physical Name:	hzthk	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: A measurement from the top to bottom of a soil horizon throughout its areal extent.

Logical Name:	horizon_volume_total_percent	**Field Size:**	
Physical Name:	horzvoltotpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The total volume percentage of the horizon in the pedon.

Logical Name:	horizontal_datum_name	**Field Size:**	
Physical Name:	horizdatnm	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	horizontal_datum_name		

Description: The identification given to the reference system used for defining the coordinates of points. (Content Standards for Spatial Metadata, FGDC, 3/31/94 draft)

Logical Name:	horz_desgn_discontinuity	**Field Size:**	
Physical Name:	desgndisc	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	2
Unit of Measure:		**Maximum:**	99
Choice List Name:			

Description: One of four kinds of symbols, when concatenated, are used to distinguish different kinds of layers in soils. A discontinuity is a significant change in particle-size distribution or mineralogy that indicates a difference in the material from which the horizons formed and/or a significant difference in age, unless that difference in age is indicated by the suffix "b". (SSM)

Logical Name:	horz_desgn_letter_suffix	**Field Size:**	
Physical Name:	desgnsuffix	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	horz_desgn_letter_suffix		

Description: One of the four kinds of symbols, that when concatenated, are used to distinguish different kinds of layers in soils. Letter suffixes are used to designate subordinate distinctions within master horizons, and layers using lowercase letters. (SSM)

Logical Name:	horz_desgn_master	**Field Size:**	
Physical Name:	desgnmaster	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	horz_desgn_master		

Description: One of four kinds of symbols, that when concatenated, are used to distinguish different kinds of layers in soils. Master horizons and layers are the base symbols to which other characters are added to complete the designations. Capital letters, virgules (/), and ampersands (&) are used. (SSM)

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	horz_desgn_master_prime	**Field Size:**	
Physical Name:	desgnmasterprime	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	horz_desgn_master_prime		

Description: A character used to indicate that this horizon has an identical horizon designation as some overlying horizon. The two horizons in question are separated by at least one other horizon.

Logical Name:	horz_desgn_vertical_subdvn	**Field Size:**	
Physical Name:	desgnvert	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: One of the four kinds of symbols, when concatenated, are used to distinguish different kinds of layers in soils. Vertical subdivisions are used to subdivide a horizon or layer designated by a single letter or combination of letters.

Logical Name:	horz_feat_lateral_area_percent	**Field Size:**	
Physical Name:	horfeatlapct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Percentage of horizontal cross sectional area occupied by a horizon feature.

Logical Name:	horz_feat_volume_total_percent	**Field Size:**	
Physical Name:	horfeatvtpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The volume percentage of the horizon occupied by a horizon feature.

Logical Name:	hydric_condition	**Field Size:**	
Physical Name:	hydricon	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	hydric_condition		

Description: Natural condition of the soil component.

Logical Name:	hydrologic_group	**Field Size:**	
Physical Name:	hydgrp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	hydrologic_group		

Description: A group of soils having similar runoff potential under similar storm and cover conditions. Examples are A and A/D. (NSSH)

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	ia_corn_suitability_rating	**Field Size:**	
Physical Name:	iacornsr	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	5
Unit of Measure:		**Maximum:**	100
Choice List Name:			

Description: Corn Suitability Rating (CSR) is an index procedure developed in Iowa to rate each different kind of soil for its row-crop productivity.

Logical Name:	icams_id	**Field Size:**	20
Physical Name:	icamsid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A NASIS user's corresponding I*CAMS ID.

Logical Name:	in_drainage_group	**Field Size:**	3
Physical Name:	indraingrp	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A group of soils that share similar recommendations for drainage whether the drainage is subsurface or surface. (Agronomy Guide, ID-160 - Purdue University)

Logical Name:	in_nitrate_leaching_index	**Field Size:**	
Physical Name:	innitrateleachi	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	99
Choice List Name:			

Description: A number which reflects annual precipitation, rainfall distribution, and hydrologic group. The system allows comparison of the amount of nitrate which could be leached in percolating water. The numbers were obtained from the Midwest National Technical Center and are used in Indiana.

Logical Name:	initial_cooperator_acres	**Field Size:**	
Physical Name:	initcoopacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The actual number of Initial Acres mapped by NCSS cooperator personnel, in a particular period. Initial Acres have not previously been reported.

Logical Name:	initial_cooperator_acres_goal	**Field Size:**	
Physical Name:	initcoopacresg	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The Initial Acres mapping goal of NCSS cooperators, for a particular fiscal year. Initial Acres have not previously been reported.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	initial_field_review_completed	**Field Size:**	
Physical Name:	initfldrvcomp	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the initial field review for an Initial or Update soil survey was actually completed, expressed as month, day, year (e.g. 03/01/1997).

Logical Name:	initial_nrcs_acres	**Field Size:**	
Physical Name:	initnrcsacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The actual number of Initial Acres mapped by NRCS personnel, in a particular period. Initial Acres have not been previously reported.

Logical Name:	initial_nrcs_acres_goal	**Field Size:**	
Physical Name:	initnrcsacresg	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The Initial Acres mapping goal of NRCS personnel, for a particular fiscal year. Initial Acres have not been previously reported.

Logical Name:	initial_subsidence	**Field Size:**	
Physical Name:	initsub	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	999
Choice List Name:			

Description: The decrease of surface elevation that occurs within the first 3 years of drainage of wet soils having organic layers or semifluid mineral layers. (NSSH)

Logical Name:	interp_max_reasons	**Field Size:**	
Physical Name:	interpmaxreasons	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The maximum number of reasons reported for the corresponding soil interpretation.

Logical Name:	interpretation_kind	**Field Size:**	
Physical Name:	interpkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	interpretation_kind		

Description: Specific uses in which soils are rated. These uses include building site development, construction materials, recreational development, sanitary facilities, waste management, water management, and water quality. (NSSH)

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	interpretation_rating	**Field Size:**	
Physical Name:	interprating	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	interpretation_rating		

Description: The rating of a soil for a specified use. Each rating is made using the most limiting criteria for that soil. (NSSH)

Logical Name:	interpretation_restriction	**Field Size:**	
Physical Name:	interprestrict	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	interpretation_restriction		

Description: Restrictive features that may limit management alternatives where the soil being rated has a limitation for a specified use. (NSSH)

Logical Name:	interrill_erodibility_factor	**Field Size:**	
Physical Name:	kifact	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:	kg/sec/m4	**Maximum:**	
Choice List Name:	interrill_erodibility_factor		

Description: A measure of the susceptibility of a soil to detachment and transport by water.

Logical Name:	iron_oxalate	**Field Size:**	
Physical Name:	feoxalate	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	mg/kg	**Maximum:**	150000
Choice List Name:			

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

Logical Name:	irrigated_capability_class	**Field Size:**	
Physical Name:	irrcapcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	capability_class		

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

Logical Name:	irrigated_capability_subclass	**Field Size:**	
Physical Name:	irrcapscl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	capability_subclass		

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	irrigated_capability_unit	**Field Size:**	
Physical Name:	irrcapunit	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	99
Choice List Name:			

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

Logical Name:	irrigated_crop_yield	**Field Size:**	
Physical Name:	irryield	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:		**Maximum:**	9999.99
Choice List Name:			

Description: The expected yield per acre of the specific crop with irrigation.

Logical Name:	laboratory_sample_number	**Field Size:**	8
Physical Name:	labsampnum	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The internal laboratory sample number for the horizon. Constructed by the two digit fiscal year * 10000 + consecutive sample number in that year.

Logical Name:	laboratory_source_id	**Field Size:**	7
Physical Name:	labsourceid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Soil characterization laboratory identification value.

Logical Name:	latitude_degrees	**Field Size:**	
Physical Name:	latdegrees	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	90
Choice List Name:			

Description: Latitude in degrees. (Snyder, J.P., 1982, Map Projections Used by the USGS)

Logical Name:	latitude_direction	**Field Size:**	
Physical Name:	latdir	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	latitude_direction		

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	latitude_minutes	**Field Size:**	
Physical Name:	latminutes	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	minutes (lat/long)	**Maximum:**	60
Choice List Name:			

Description: Latitude in minutes. (Snyder, J.P., 1982, Map Projections Used by the USGS)

Logical Name:	latitude_seconds	**Field Size:**	
Physical Name:	latseconds	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	seconds ##.## (lat/long)	**Maximum:**	60
Choice List Name:			

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

Logical Name:	legend_area_overlap_iid	**Field Size:**	
Physical Name:	lareaoviid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_area_overlap_iid_ref	**Field Size:**	
Physical Name:	lareaoviidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_certification_status	**Field Size:**	
Physical Name:	legendcertstat	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	legend_certification_status		

Description: The level of certification assigned to a legend. Intended to indicate whether or not the legend should be used and the degree of confidence with which it may be used.

Logical Name:	legend_database_iid_ref	**Field Size:**	
Physical Name:	ldbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	legend_description	**Field Size:**	60
Physical Name:	legenddesc	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A short text field used to describe a particular soil survey area legend.

Logical Name:	legend_iid	**Field Size:**	
Physical Name:	liid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_iid_ref	**Field Size:**	
Physical Name:	liidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_land_category	**Field Size:**	
Physical Name:	llcategory	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	legend_land_category		

Description: A particular category of land by which acres in a soil survey area are reported.

Logical Name:	legend_land_category_acres	**Field Size:**	
Physical Name:	llcatacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The extent of the portion of the soil survey area of a particular land category, in acres.

Logical Name:	legend_land_type_brkdn_iid	**Field Size:**	
Physical Name:	lltbrkdniid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	legend_land_type_brkdn_iid_ref	**Field Size:**	
Physical Name:	lltbrkdniidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_mapping_goal_iid	**Field Size:**	
Physical Name:	lmapgoaliid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_mapping_progress_iid	**Field Size:**	
Physical Name:	lmapprogiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_product_iid	**Field Size:**	
Physical Name:	legprodiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_staff_iid	**Field Size:**	
Physical Name:	lstaffiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	legend_staff_iid_ref	**Field Size:**	
Physical Name:	lstaffiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_suitability_for_use	**Field Size:**	
Physical Name:	legendsuituse	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	legend_suitability_for_use		

Description: Identifies the relative geographic extent over which a legend has the most up-to-date soil survey data.

Logical Name:	legend_text_iid	**Field Size:**	
Physical Name:	legtextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	legend_text_kind	**Field Size:**	
Physical Name:	legendtextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	legend_text_kind		

Description: A text entry can be identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.

Logical Name:	legend_total_addtnl_mapunits	**Field Size:**	
Physical Name:	legendtotalamus	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The total number of map units with status of "additional" that exist for a legend at the time an export was generated.

Logical Name:	legend_total_mapunits	**Field Size:**	
Physical Name:	legendtotalmus	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The total number of map units that exist for a legend at the time an export was generated.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	legend_when_last_updated	**Field Size:**	
Physical Name:	legendwlupdated	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The last date in which any data element of a particular legend was modified. Note that this date applies only to those tables that are part of the legend object. This date does not reflect the update date of the most recently updated data mapunit associated with that legend.

Logical Name:	linear_extensibility_percent	**Field Size:**	
Physical Name:	lep	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	30
Choice List Name:			

Description: The linear expression of the volume difference of natural soil fabric at 1/3 or 1/10 bar water content and oven dryness. The volume change is reported as percent change for the whole soil.

Logical Name:	liquid_limit	**Field Size:**	
Physical Name:	ll	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	400
Choice List Name:			

Description: The water content of the soil at the change between the liquid and plastic states.

Logical Name:	local_phase	**Field Size:**	40
Physical Name:	localphase	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Phase criterion to be used at a local level to help identify soil components. This field will be used to store phase related data that is collected to validate and justify the proposal for a new data element by a NASIS user.

Logical Name:	local_physiographic_name	**Field Size:**	50
Physical Name:	locphysnm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A name used locally to identify physiographic features. These may be names found of USGS Topographic Quadrangles, i.e. Bob's Hill.

Logical Name:	local_plant_database_iid_ref	**Field Size:**	
Physical Name:	lplantdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	local_plant_iid	**Field Size:**	
Physical Name:	lplantiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	local_plant_iid_ref	**Field Size:**	
Physical Name:	lplantiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	local_plant_name	**Field Size:**	127
Physical Name:	lplantname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The local, common, or colloquial name for a plant as defined by a user.

Logical Name:	local_plant_scientific_name	**Field Size:**	127
Physical Name:	lplantsciname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The full genus and species name as listed in SCS, Nat. List of Sci. Plant Names:V1 and SCS Nat. List of Sci. Plant Names.

Logical Name:	local_plant_symbol	**Field Size:**	8
Physical Name:	lplantsym	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A symbol defined by a user to identify a plant.

Logical Name:	location_description	**Field Size:**	
Physical Name:	locdesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	longitude_degrees	**Field Size:**	
Physical Name:	longdegrees	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	180
Choice List Name:			

Description: Longitude in degrees. (Snyder, J.P., 1982, Map Projections Used by the USGS)

Logical Name:	longitude_direction	**Field Size:**	
Physical Name:	longdir	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	longitude_direction		

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

Logical Name:	longitude_minutes	**Field Size:**	
Physical Name:	longminutes	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	minutes (lat/long)	**Maximum:**	60
Choice List Name:			

Description: Longitude minutes. (Snyder, J.P., 1982, Map Projections Used by the USGS)

Logical Name:	longitude_seconds	**Field Size:**	
Physical Name:	longseconds	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	seconds ##.## (lat/long)	**Maximum:**	60
Choice List Name:			

Description: Longitude in seconds and decimal seconds. (Snyder, J.P., 1982, Map Projections Used by USGS)

Logical Name:	major_component_flag	**Field Size:**	
Physical Name:	majcompflag	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not a component is a major component in the mapunit.

Logical Name:	manner_of_failure	**Field Size:**	
Physical Name:	mannerfailure	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	manner_of_failure		

Description: The manner in which soil specimens fail under increasing force. (SSM)

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Logical Name:	map_finish_completed	**Field Size:**	
Physical Name:	mapfinishcomp	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the map finishing job of a particular soil survey is actually completed, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	map_finish_method	**Field Size:**	
Physical Name:	mapfinishmeth	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	map_finish_method		

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

Logical Name:	map_finish_percent	**Field Size:**	
Physical Name:	mapfinishpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The cumulative percentage of the map finishing job for a particular soil survey that is complete, as of the reporting date.

Logical Name:	map_finish_started	**Field Size:**	
Physical Name:	mapfinishstart	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the map finishing job for a particular soil survey is actually started, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	map_finish_to_ncg	**Field Size:**	
Physical Name:	mapfinishtoncg	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the map finishing job of a particular soil survey is actually sent to NCG, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	mapunit_acres	**Field Size:**	
Physical Name:	muacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The number of acres of a particular mapunit.

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Logical Name:	mapunit_area_overlap_iid	**Field Size:**	
Physical Name:	muareaoviid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	mapunit_constituent_acres	**Field Size:**	
Physical Name:	muconacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The portion of acres of a map unit linked to a data map unit that is a part or the whole of a correlated map unit.

Logical Name:	mapunit_hel_class	**Field Size:**	
Physical Name:	muhelcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_hel_class		

Description: The overall Highly Erodible Lands (HEL) classification for the mapunit based on the rating of its components for wind and water HEL classification.

Logical Name:	mapunit_hel_class_water	**Field Size:**	
Physical Name:	muwathelcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_hel_class		

Description: The Highly Erodible Lands (HEL) classification for the mapunit based on the rating of its components for water HEL classification.

Logical Name:	mapunit_hel_class_wind	**Field Size:**	
Physical Name:	muwndhelcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_hel_class		

Description: The Highly Erodible Lands (HEL) classification for the mapunit based on the rating of its components for wind HEL classification.

Logical Name:	mapunit_history_iid	**Field Size:**	
Physical Name:	muhistiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	mapunit_iid	**Field Size:**	
Physical Name:	muiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	mapunit_iid_ref	**Field Size:**	
Physical Name:	muiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	mapunit_kind	**Field Size:**	
Physical Name:	mukind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_kind		

Description: Code identifying the kind of mapunit. Example: C - consociation.

Logical Name:	mapunit_linear_feature_width	**Field Size:**	
Physical Name:	mapunitlfw	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:	meters	**Maximum:**	
Choice List Name:			

Description: The approximate width of a particular map unit delineation represented by a linear soil feature on a soil map.

Logical Name:	mapunit_name	**Field Size:**	175
Physical Name:	muname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Correlated name of the mapunit (recommended name or field name for surveys in progress).

Logical Name:	mapunit_name_historical	**Field Size:**	175
Physical Name:	munamehist	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name(s) of the soil mapunit used during the course of a soil survey.

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Logical Name:	mapunit_point_feature_area	**Field Size:**	
Physical Name:	mapunitpfa	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0.1
Unit of Measure:	acres	**Maximum:**	10
Choice List Name:			

Description: The approximate area of a particular map unit delineation represented by a point feature on a soil map.

Logical Name:	mapunit_selection_criteria	**Field Size:**	
Physical Name:	muselectcrit	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_selection_criteria		

Description: The general scheme used for selecting map units for inclusion in a set of exported data.

Logical Name:	mapunit_status	**Field Size:**	
Physical Name:	mustatus	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_status		

Description: Identifies the current status of the map unit.

Logical Name:	mapunit_status_addtnl_boolean	**Field Size:**	
Physical Name:	mustataddtnlbool	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not mapunits with status "additional" should be included in a set of exported data.

Logical Name:	mapunit_status_apprvd_boolean	**Field Size:**	
Physical Name:	mustatapprvdbool	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not mapunits with status "approved" should be included in a set of exported data.

Logical Name:	mapunit_status_corr_boolean	**Field Size:**	
Physical Name:	mustatcorrbool	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not mapunits with status "correlated" should be included in a set of exported data.

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Logical Name:	mapunit_status_historical	**Field Size:**	
Physical Name:	mustathist	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_status		

Description: Identifies the status of the map unit from the time that it is added to the identification legend until it is officially correlated and approved for publication.

Logical Name:	mapunit_status_provsnl_boolean	**Field Size:**	
Physical Name:	mustatprovsnlbool	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not mapunits with status "provisional" should be included in a set of exported data.

Logical Name:	mapunit_symbol	**Field Size:**	6
Physical Name:	musym	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The symbol used to uniquely identify the soil mapunit in the soil survey.

Logical Name:	mapunit_text_iid	**Field Size:**	
Physical Name:	mutextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	mapunit_text_kind	**Field Size:**	
Physical Name:	mapunittextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mapunit_text_kind		

Description: Text kind provides a grouping of text entries according to their subject matter. For example, the text kind "edit notes" groups text entries that deal with adding or changing data.

Logical Name:	mean_annual_air_temperature	**Field Size:**	
Physical Name:	airtempa	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	-50
Unit of Measure:	degrees c	**Maximum:**	50
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	mean_annual_frost_free_days	**Field Size:**	
Physical Name:	ffd	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	days	**Maximum:**	365
Choice List Name:			

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

Logical Name:	mean_annual_precipitation	**Field Size:**	
Physical Name:	map	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	mm	**Maximum:**	11500
Choice List Name:			

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

Logical Name:	mean_annual_soil_temperature	**Field Size:**	
Physical Name:	soiltempa	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	-40
Unit of Measure:	degrees c	**Maximum:**	50
Choice List Name:			

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

Logical Name:	mean_distance_between_rocks	**Field Size:**	
Physical Name:	distrocks	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meters	**Maximum:**	50
Choice List Name:			

Description: Average distance between surface stones and/or boulders, measured between edges.

Logical Name:	mean_summer_air_temperature	**Field Size:**	
Physical Name:	airtemps	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	-50
Unit of Measure:	degrees c	**Maximum:**	50
Choice List Name:			

Description: The mean of the mean June, July and August mean air temperatures in the northern hemisphere. (USDA, 1941, Climate & Man, pg. 690)

Logical Name:	mean_summer_soil_temperature	**Field Size:**	
Physical Name:	soiltemps	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	-40
Unit of Measure:	degrees c	**Maximum:**	50
Choice List Name:			

Description: The mean of June, July and August monthly mean soil temperatures (in the northern hemisphere) at a depth of 50 cm below the soil surface, or at the upper boundary of a root-limiting layer as defined in Soil Taxonomy, whichever is shallower.

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Logical Name:	mean_winter_air_temperature	**Field Size:**	
Physical Name:	airtempw	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	-50
Unit of Measure:	degrees c	**Maximum:**	50
Choice List Name:			

Description: The mean of the mean December, January and February mean air temperatures in the northern hemisphere. (USDA, 1941, Climate & Man, pg. 690)

Logical Name:	mean_winter_soil_temperature	**Field Size:**	
Physical Name:	soiltempw	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	-40
Unit of Measure:	degrees c	**Maximum:**	50
Choice List Name:			

Description: The mean of December, January, and February monthly mean soil temperatures (in the northern hemisphere) at a depth of 50 cm below the soil surface, or at the upper boundary of a root-limiting layer as defined in Soil Taxonomy, whichever is shallower.

Logical Name:	mi_soil_management_group	**Field Size:**	
Physical Name:	misoimgmtgrp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mi_soil_management_group		

Description: A system for ranking soils for major uses, developed by Michigan State University. Soils are assigned to a group according to the dominant profile texture, the natural drainage class, and the management groups are listed in the same order as the series named in the complex. (Mokma, D.L., E.P. Whiteside, and J.F. Schneider. 1978. Soil Management Units in Land Use Planning. Mich. State Univ., Ext. Bull. E-1262, 12 pp.

Logical Name:	minimum_percent_comp	**Field Size:**	
Physical Name:	minpctcomp	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	100
Choice List Name:			

Description: The minimum percent composition for components included in a set of exported data. In selecting components, this value is compared to the representative percent composition of a component.

Logical Name:	mlra_office	**Field Size:**	
Physical Name:	mlraoffice	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mlra_office		

Description: An NRCS business unit responsible for oversight of soil survey production activities of a particular soil survey area.

Logical Name:	month	**Field Size:**	
Physical Name:	month	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	flooding_ponding_month		

Description: One of the twelve months of the year.

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Logical Name:	most_recent_dmu_wlu	**Field Size:**	
Physical Name:	mostrecentdmuwlu	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date of the most recently updated data mapunit in a set of exported data.

Logical Name:	most_recent_rule_comp_wlu	**Field Size:**	
Physical Name:	mrecentrulecwlu	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date of the most recently updated component of an interpretation. This date is not necessarily the when last updated date of the interpretation itself. An interpretation may have a subrule, evaluation or property that was updated more recently than the master interpretation (rule) itself. The time of update of an interpretation component (subrule, evaluation, property) in NASIS is not explicitly reflected in other components that may reference the updated component.

Logical Name:	mottle_contrast	**Field Size:**	
Physical Name:	mottlecntrst	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_rmf_mottle_contrast		

Description: The degree of visual distinction that is evident at the interface between the mottle and the surrounding soil. (SSM)

Logical Name:	mottle_location	**Field Size:**	
Physical Name:	mottleloc	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	mottle_location		

Description: The location of the mottle being described within the soil horizon.

Logical Name:	mottle_percent	**Field Size:**	
Physical Name:	mottlepct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Percent of soil horizon the mottle occupies.

Logical Name:	mottle_shape	**Field Size:**	
Physical Name:	mottleshape	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_rmf_mottle_shape		

Description: The shape of a mottle.

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Logical Name:	mottle_size	**Field Size:**
Physical Name:	mottlesize	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	concen_rmf_mottle_size	

Description: The specified range in dimensions of a mottle as seen on a plane surface.

Logical Name:	mou_agency_responsible	**Field Size:**
Physical Name:	mouagncyresp	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	mou_agency_responsible	

Description: The lead agency designated as responsible for a particular soil survey.

Logical Name:	mou_projected_completion	**Field Size:**
Physical Name:	mouprojcomp	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The projected date specified in the memorandum of understanding, on which all mapping and field activities in a soil survey area will be completed, expressed as month and year (e.g. 06/2002).

Logical Name:	mou_signed	**Field Size:**
Physical Name:	mousigned	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date on which the memorandum of understanding was actually signed, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	native_element_iid	**Field Size:**
Physical Name:	natelm_iid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	nh_important_forest_soil_group	**Field Size:**
Physical Name:	nhiforsoigrp	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	nh_important_forest_soil_group	

Description: Interpretative class for the map unit, based on NH developed interpretations.

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Logical Name:	nh_spi_for_agriculture	**Field Size:**	
Physical Name:	nhspiagr	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:		**Maximum:**	100
Choice List Name:			

Description: New Hampshire Soil Potential Index for Agriculture, 1992 revision. Used for computation of weighted average SPI on a parcel of land for adjustment of current use land assessment.

Logical Name:	no_rep_dmu_reason	**Field Size:**	254
Physical Name:	norepdmureason	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A short narrative description of the reason that it was not possible to determine which data mapunit's data should be associated with a particular map unit.

Logical Name:	nonirr_capability_class	**Field Size:**	
Physical Name:	nirrcapcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	capability_class		

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

Logical Name:	nonirr_capability_subclass	**Field Size:**	
Physical Name:	nirrcapscl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	capability_subclass		

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

Logical Name:	nonirr_capability_unit	**Field Size:**	
Physical Name:	nirrcapunit	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	99
Choice List Name:			

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

Logical Name:	nonirr_crop_yield	**Field Size:**	
Physical Name:	nonirryield	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:		**Maximum:**	9999.99
Choice List Name:			

Description: The expected yield per acre of the specific crop without supplemental irrigation.

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Logical Name:	notes	**Field Size:**	
Physical Name:	notes	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Notes describing decisions, issues, or other history related to the record.

Logical Name:	observation_date	**Field Size:**	
Physical Name:	obsdate	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which this particular soil was described or sampled, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	observation_date_kind	**Field Size:**	
Physical Name:	obsdatekind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	observation_date_kind		

Description: Indicates whether the date associated with a site observation is the actual date of observation, or something else.

Logical Name:	observation_method	**Field Size:**	
Physical Name:	obsmethod	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	observation_method		

Description: Method of making the exposure for observation.

Logical Name:	observed_soil_moisture_percent	**Field Size:**	
Physical Name:	obssoimoist	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The measured amount of water in the soil layer, expressed as a volumetric percentage.

Logical Name:	observed_soil_moisture_status	**Field Size:**	
Physical Name:	obssoimoiststat	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	observed_soil_moisture_status		

Description: The relative moisture state of the soil layer at the time of observation.

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Logical Name:	obsolete_term	**Field Size:**	
Physical Name:	obterm	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether a term is obsolete.

Logical Name:	ordination_symbol_class	**Field Size:**	
Physical Name:	ordsymcl	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:		**Maximum:**	50
Choice List Name:			

Description: The first category in the woodland suitability group. The number denotes potential productivity in cubic meters of wood fiber per hectare per year for an indicator tree species (1 m3/ha=14.3 ft 3/ac.) (NFM)

Logical Name:	ordination_symbol_group	**Field Size:**	
Physical Name:	ordsymgrp	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	99
Choice List Name:			

Description: The third category in the woodland suitability group, represented by an Arabic number, may be used to complete the woodland suitability group. It is used to designate kinds of soils that are capable of producing similar kinds of trees and understory vegetation, that need similar management to produce these crops when the existing vegetation is similar, and that have about the same potential productivity.

Logical Name:	ordination_symbol_subclass	**Field Size:**	
Physical Name:	ordsymscl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ordination_symbol_subclass		

Description: The second category in the woodland suitability group. It indicates certain soil or physiographic characteristics that contribute to important hazards or limitations in management. Examples are wetness and clayey soils.

Logical Name:	organic_matter_percent	**Field Size:**	
Physical Name:	om	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

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

Logical Name:	oth_veg_class_description	**Field Size:**	
Physical Name:	ovegcldesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The narrative definition of a particular vegetative classification community other than one of the NRCS forestland or rangeland ecological sites described in the Ecological Site Description System.

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Logical Name:	oth_veg_class_id	**Field Size:**	30
Physical Name:	ovegclid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The identifier of a particular vegetative community other than one of the NRCS forestland or rangeland ecological sites described in the Ecological Site Description System.

Logical Name:	oth_veg_class_iid	**Field Size:**	
Physical Name:	ovegcliid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	oth_veg_class_iid_ref	**Field Size:**	
Physical Name:	ovegcliidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	oth_veg_class_name	**Field Size:**	254
Physical Name:	ovegclname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of a particular vegetative classification community other than one of the NRCS forestland or rangeland ecological sites described in the Ecological Site Description System.

Logical Name:	oth_veg_class_type_db_iid_ref	**Field Size:**	
Physical Name:	ovegcltypdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	oth_veg_class_type_description	**Field Size:**	
Physical Name:	ovegcltypdesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The narrative definition of a particular vegetative classification type other than one of the NRCS forestland or rangeland ecological types described in the Ecological Site Description System.

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Logical Name:	oth_veg_class_type_iid	**Field Size:**	
Physical Name:	ovegcltypiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	oth_veg_class_type_iid_ref	**Field Size:**	
Physical Name:	ovegcltypiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	oth_veg_class_type_name	**Field Size:**	60
Physical Name:	ovegcltypname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name of a particular vegetative classification scheme other than that described in the NRCS Ecological Site Description System. An example might be "West Virginia Grassland Suitability Groups."

Logical Name:	oth_veg_class_type_reference	**Field Size:**	254
Physical Name:	ovegcltypref	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The reference citation for a particular vegetative classification scheme, typically a publication.

Logical Name:	parent_material_general_mod	**Field Size:**	60
Physical Name:	pmgenmod	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A user specified term(s) used to further describe the nature of the parent material for a given soil.

Logical Name:	parent_material_group_name	**Field Size:**	252
Physical Name:	pmgroupname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Name for the concatenation of PARENT_MATERIAL_MODIFIER, PARENT_MATERIAL_KIND, and PARENT_MATERIAL_ORIGIN for each of the parent materials that may occur in a vertical cross section of a soil.

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Logical Name:	parent_material_kind	**Field Size:**	
Physical Name:	pmkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	parent_material_kind		

Description: A term describing the general physical, chemical and mineralogical composition of the material, mineral or organic, from which the soil develops. Mode of deposition and/or weathering may be implied or implicit.

Logical Name:	parent_material_modifier	**Field Size:**	
Physical Name:	pmmodifier	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	parent_material_modifier		

Description: General description of the texture of the parent material. Class limits correspond to those of textural groupings defined in the Soil Survey Manual and family particle-size classes in Soil Taxonomy.

Logical Name:	parent_material_order	**Field Size:**	
Physical Name:	pmorder	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The sequence in which the parent material occurs, when more than one parent material exists for one soil profile. If only one parent material occurs for a soil, i.e. no lithologic discontinuities, no entry is required.

Logical Name:	parent_material_origin	**Field Size:**	
Physical Name:	pmorigin	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	parent_material_origin		

Description: The type of bedrock from which the parent material was derived.

Logical Name:	parent_material_weathering	**Field Size:**	
Physical Name:	pmweathering	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	weathering		

Description: Degree of parent material weathering.

Logical Name:	part_size_cntrl_depth_to_bot	**Field Size:**	
Physical Name:	pscbotdepth	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	999
Choice List Name:			

Description: Depth to the bottom of the taxonomic particle size control section. (Soil Taxonomy)

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Logical Name:	part_size_cntrl_depth_to_top	**Field Size:**	
Physical Name:	psctopdepth	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	999
Choice List Name:			

Description: Depth to the top of the taxonomic particle size control section. (Soil Taxonomy)

Logical Name:	particle_density	**Field Size:**	
Physical Name:	partdensity	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0.01
Unit of Measure:	g/cm3	**Maximum:**	5
Choice List Name:			

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

Logical Name:	ped_diagnostic_features_iid	**Field Size:**	
Physical Name:	pediagfeatiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ped_field_meas_prop_iid	**Field Size:**	
Physical Name:	pefmpiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ped_restrictions_iid	**Field Size:**	
Physical Name:	perestrictiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ped_surface_fragments_iid	**Field Size:**	
Physical Name:	pesurffragsiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	ped_tax_fam_min_iid	**Field Size:**	
Physical Name:	petaxfmminiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ped_tax_fam_other_iid	**Field Size:**	
Physical Name:	petaxfoiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ped_tax_moisture_class_iid	**Field Size:**	
Physical Name:	petaxmciid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ped_text_iid	**Field Size:**	
Physical Name:	petextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	pedon_database_iid_ref	**Field Size:**	
Physical Name:	pedbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	pedon_desc_purpose	**Field Size:**	
Physical Name:	pedonpurpose	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pedon_purpose		

Description: The identification of the intended purpose of the profile description.

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Logical Name:	pedon_iid	**Field Size:**	
Physical Name:	peiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	pedon_iid_ref	**Field Size:**	
Physical Name:	peiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	pedon_lab_sample_number	**Field Size:**	12
Physical Name:	pedlabsampnum	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An identifier number for the pedon assigned by the laboratory. This number is used to link the morphological pedon description with the associated measured property values from the laboratory.

Logical Name:	pedon_record_origin	**Field Size:**	60
Physical Name:	pedrecorigin	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A label describing the original source of a particular pedon data record, i.e. NSSL, Nebraska, or Sauders County Soil Survey.

Logical Name:	pedon_text_kind	**Field Size:**	
Physical Name:	pedontextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pedon_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.

Logical Name:	pedon_type	**Field Size:**	
Physical Name:	pedontype	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pedon_type		

Description: Identification of what the description represents in relation to a series, component, etc.

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Logical Name:	pedon_unit	**Field Size:**	
Physical Name:	pedonunit	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	9999
Choice List Name:			

Description: The consecutive number of the pedon sampled in a particular survey area in a particular year.

Logical Name:	penetration_orientation	**Field Size:**	
Physical Name:	penetorient	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	penetration_orientation		

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

Logical Name:	penetration_resistance	**Field Size:**	
Physical Name:	penetrres	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	penetration_resistance		

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

Logical Name:	ph_01m_cacl2	**Field Size:**	
Physical Name:	ph01mcacl2	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	1.8
Unit of Measure:		**Maximum:**	11
Choice List Name:			

Description: The negative logarithm to base of 10 or the hydrogen ion activity in the soil, using the 0.01M CaCl2 method, in a 1:2 soil:solution ratio. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)

Logical Name:	ph_1_1_water	**Field Size:**	
Physical Name:	ph1to1h2o	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	1.8
Unit of Measure:		**Maximum:**	11
Choice List Name:			

Description: The negative logarithm to the base 10, of the hydrogen ion activity in the soil using the 1:1 soil-water ratio method. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)

Logical Name:	ph_determination_method	**Field Size:**	
Physical Name:	phdetermeth	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ph_determination_method		

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

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Logical Name:	ph_field	**Field Size:**	
Physical Name:	phfield	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	1.8
Unit of Measure:		**Maximum:**	11
Choice List Name:			

Description: The negative logarithm to the base 10, of the hydrogen ion activity in the soil using field test methods. A numerical expression of the relative acidity or alkalinity of a soil sample. (SSM)

Logical Name:	ph_naf	**Field Size:**	
Physical Name:	phnaf	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	1.8
Unit of Measure:		**Maximum:**	11
Choice List Name:			

Description: The negative logarithm to the base of 10 of the hydrogen ion activity in the soil using the 1N NaF method. It is used as an indicator of andic materials.

Logical Name:	phor_cement_agent_iid	**Field Size:**	
Physical Name:	phcemagentiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_color_iid	**Field Size:**	
Physical Name:	phcoloriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_conc_color_iid	**Field Size:**	
Physical Name:	phconcencoloriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_concentrations_iid	**Field Size:**	
Physical Name:	phconceniid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	phor_concentrations_iid_ref	**Field Size:**	
Physical Name:	phconceniidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_desgn_suffix_iid	**Field Size:**	
Physical Name:	phdesgnsfxiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_feat_color_iid	**Field Size:**	
Physical Name:	phfeatcoloriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_features_iid	**Field Size:**	
Physical Name:	phfeatsiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_features_iid_ref	**Field Size:**	
Physical Name:	phfeatsiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	phor_field_meas_prop_iid	**Field Size:**	
Physical Name:	phfmpiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_fragments_iid	**Field Size:**	
Physical Name:	phfragsiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_lab_sample_iid	**Field Size:**	
Physical Name:	phlabsampiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_mottles_iid	**Field Size:**	
Physical Name:	phmottlesiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_ped_void_surf_feat_iid	**Field Size:**	
Physical Name:	phpvsfiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_pores_iid	**Field Size:**	
Physical Name:	phporesiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	phor_pvsf_color_iid	**Field Size:**	
Physical Name:	phpvsfcoloriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_pvsf_iid_ref	**Field Size:**	
Physical Name:	phpvsfiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_redox_feat_color_iid	**Field Size:**	
Physical Name:	phrdxfcoloriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_redox_feat_iid	**Field Size:**	
Physical Name:	phrdxfiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_redox_feat_iid_ref	**Field Size:**	
Physical Name:	phrdxfiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	phor_roots_iid	**Field Size:**	
Physical Name:	phrootsiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_structure_iid	**Field Size:**	
Physical Name:	phstructureiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_text_iid	**Field Size:**	
Physical Name:	phtextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_texture_iid	**Field Size:**	
Physical Name:	phtiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_texture_iid_ref	**Field Size:**	
Physical Name:	phtiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phor_texture_modifier_iid	**Field Size:**	
Physical Name:	phtexmodiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	phorizon_iid	**Field Size:**	
Physical Name:	phiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phorizon_iid_ref	**Field Size:**	
Physical Name:	phiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	phorizon_text_kind	**Field Size:**	
Physical Name:	phorizontextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	phorizon_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.

Logical Name:	phosphorous_bray1	**Field Size:**	
Physical Name:	pbray1	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	mg/kg	**Maximum:**	500
Choice List Name:			

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

Logical Name:	phosphorous_oxalate	**Field Size:**	
Physical Name:	poxalate	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	mg/kg	**Maximum:**	
Choice List Name:			

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

Logical Name:	phosphorous_total	**Field Size:**	
Physical Name:	ptotal	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	
Choice List Name:			

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

Attribute Report

Logical Name:	phosphorous_water_soluble	**Field Size:**	
Physical Name:	ph2osoluble	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	mg/kg	**Maximum:**	5000
Choice List Name:			

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

Logical Name:	photograph_id	**Field Size:**	9
Physical Name:	photoid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Identification (number) of photograph where site is located.

Logical Name:	plant_accepted_iid_ref	**Field Size:**	
Physical Name:	plantaiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	plant_area_common_name	**Field Size:**	60
Physical Name:	plantareacomnm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The most generally accepted common name of a plant.

Logical Name:	plant_area_occurrence_iid	**Field Size:**	
Physical Name:	plantareaociid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	plant_association_name	**Field Size:**	40
Physical Name:	plantassocnm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	plant_database_iid_ref	**Field Size:**	
Physical Name:	plantdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	plant_iid	**Field Size:**	
Physical Name:	plantiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	plant_iid_ref	**Field Size:**	
Physical Name:	plantiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	plant_national_vernacular_name	**Field Size:**	60
Physical Name:	plantnatvernm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The most generally accepted common name of a plant.

Logical Name:	plant_scientific_name	**Field Size:**	127
Physical Name:	plantsciname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The full genus and species name as listed in The PLANTS Database, USDA-NRCS, National Plant Data Center.

Logical Name:	plant_species_cover_percent	**Field Size:**	
Physical Name:	plantcov	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Percent of coverage (canopy) attributed to a specific plant species.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	plant_symbol	**Field Size:**	8
Physical Name:	plantsym	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A unique symbol used to identify a plant genus or a plant species. (The PLANTS Database, USDA-NRCS, National Plant Data Center)

Logical Name:	plant_synonym_iid	**Field Size:**	
Physical Name:	plantsyniid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	plasticity	**Field Size:**	
Physical Name:	plasticity	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	plasticity		

Description: The degree to which a puddled, wet soil mass is permanently deformed without rupturing by a slow continuous application of force in any direction. (SSM)

Logical Name:	plasticity_index	**Field Size:**	
Physical Name:	pi	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	130
Choice List Name:			

Description: The numerical difference between the liquid limit and plastic limit.

Logical Name:	plss_meridian	**Field Size:**	35
Physical Name:	plssmeridian	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	plss_range	**Field Size:**	10
Physical Name:	plssrange	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	plss_section	**Field Size:**	
Physical Name:	plsssection	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	60
Choice List Name:			

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

Logical Name:	plss_section_details	**Field Size:**	254
Physical Name:	plsssdetails	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	plss_township	**Field Size:**	10
Physical Name:	plsstownship	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	ponding_depth	**Field Size:**	
Physical Name:	ponddep	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	185
Choice List Name:			

Description: The depth of surface water that is ponding on the soil.

Logical Name:	ponding_duration_class	**Field Size:**	
Physical Name:	ponddurcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ponding_duration_class		

Description: The average duration, or length of time, of the ponding occurrence. (NSSH)

Logical Name:	ponding_frequency_class	**Field Size:**	
Physical Name:	pondfreqcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	ponding_frequency_class		

Description: The number of times ponding occurs over a period of time. (SSM)

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	ponding_month_begin	**Field Size:**	
Physical Name:	pondmonthbeg	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	flooding_ponding_month		

Description: The month of the year in which the predicted flooding period of a soil is likely to begin.

Logical Name:	pore_continuity_vertical	**Field Size:**	
Physical Name:	porecont	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pore_continuity_vertical		

Description: Average vertical distance through which the minimum diameter of the pore exceeds 0.5mm when the soil layer is moist or wetter.

Logical Name:	pore_quantity	**Field Size:**	
Physical Name:	poreqty	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	pores/area	**Maximum:**	99
Choice List Name:			

Description: The number of a selected size of pores per unit area of undisturbed soils.

Logical Name:	pore_shape	**Field Size:**	
Physical Name:	poreshp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pore_shape		

Description: A description of the multiaxial shape of the pore.

Logical Name:	pore_size	**Field Size:**	
Physical Name:	poresize	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pore_root_size		

Description: The average diameter of a pore. (SSM)

Logical Name:	potential_frost_action	**Field Size:**	
Physical Name:	frostact	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	potential_frost_action		

Description: An interpretation rating of the susceptibility of the soil to frost heaving.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	primary_interpretation	**Field Size:**
Physical Name:	primaryinterp	**Precision:**
Logical Data Type:	Boolean	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: Indicates if a rule corresponds to what we think of as a primary interpretation (rating or estimation of suitability for an intended use) as opposed to a sub-part of an interpretation (reason or description why a soil is not suitable for an intended use).

Logical Name:	product_availability_status	**Field Size:**
Physical Name:	prodastat	**Precision:**
Logical Data Type:	Boolean	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: Indicates whether or not a particular soil survey area product is still available or in print.

Logical Name:	product_delivered	**Field Size:**
Physical Name:	proddel	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date on which a soil survey area product is actually delivered, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	product_description	**Field Size:** 254
Physical Name:	proddesc	**Precision:**
Logical Data Type:	String	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: A short, description of a particular soil survey area product. A product might be either an interim product of one of a number of potential end products.

Logical Name:	product_scheduled	**Field Size:**
Physical Name:	prodsch	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date on which a soil survey area product is scheduled to be delivered, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	product_text_completed	**Field Size:**
Physical Name:	ptextcomplete	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date on which the final revisions have been made to the product text and the product text in in its final form prior to being sent for publication, expressed as month, day, year -- xx/xx/xxxx.

Attribute Report

Logical Name:	product_text_formatted	**Field Size:**
Physical Name:	ptextform	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date on which the product text is typeset and ready to be proofread, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	product_text_proofed	**Field Size:**
Physical Name:	ptextproof	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date on which the typeset and proofread product text is sent for final revisions, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	product_text_submitted	**Field Size:**
Physical Name:	ptextsubmit	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date on which the final product text is actually submitted for publication, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	product_type	**Field Size:**
Physical Name:	prodtype	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	product_type	

Description: A particular type of final product in which the information for a soil survey area is distributed.

Logical Name:	progress_reporting_date	**Field Size:**
Physical Name:	progrptdate	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The ending date of the period for which mapping progress is recorded, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	project_scale	**Field Size:**
Physical Name:	projectscale	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The map scale in which the final map products will be published, expressed as the denominator of the scale, i.e. 24000 = 1:24000.

Attribute Report

Logical Name:	property	**Field Size:**	
Physical Name:	prop	**Precision:**	
Logical Data Type:	Property	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A script defining a property's derivation procedure.

Logical Name:	property_data_type	**Field Size:**	
Physical Name:	propdatatype	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	property_data_type		

Description: A code that specifies the physical data type of a property (derived or virtual data element).

Logical Name:	property_database_iid_ref	**Field Size:**	
Physical Name:	propdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	property_default_value	**Field Size:**	254
Physical Name:	propdefval	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The value returned for the property if the property is otherwise null.

Logical Name:	property_description	**Field Size:**	
Physical Name:	propdesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative text definition of a property (derived or virtual data element).

Logical Name:	property_iid	**Field Size:**	
Physical Name:	propiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

Logical Name:	property_iid_ref	**Field Size:**	
Physical Name:	propiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	property_maximum	**Field Size:**	
Physical Name:	propmax	**Precision:**	-1
Logical Data Type:	Float	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Maximum allowable value for a property.

Logical Name:	property_minimum	**Field Size:**	
Physical Name:	propmin	**Precision:**	-1
Logical Data Type:	Float	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Minimum allowable value for a property.

Logical Name:	property_modality	**Field Size:**	
Physical Name:	propmod	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	property_modality		

Description: A specification of the behavior of a property describing whether single or multiple values are returned by the property.

Logical Name:	property_name	**Field Size:**	60
Physical Name:	propname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A property, or virtual data element, is a derived value that is not recorded in the database. A property can have high, low and representative values, but a single script can only calculate one property. A property calculation cannot be used for either validation or storage results, but can be used as an intermediate step in calculations, interpretations or reports. A property definition looks a lot like a data element definition, but it does not reside in the standard data dictionary element table because properties are created by users.

Logical Name:	property_text_iid	**Field Size:**	
Physical Name:	proptextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

Logical Name:	property_unit_of_measure	**Field Size:**	30
Physical Name:	propuom	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The units of measure in which a property is recorded, if any.

Logical Name:	pvsf_continuity	**Field Size:**	
Physical Name:	pvsfcont	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pvsf_continuity		

Description: A characterization of the areal extent of the feature.

Logical Name:	pvsf_distinctness	**Field Size:**	
Physical Name:	pvsfdistinct	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pvsf_distinctness		

Description: The ease and degree of certainty with which a ped surface feature can be identified. (SSM)

Logical Name:	pvsf_kind	**Field Size:**	
Physical Name:	pvsfkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pvsf_kind		

Description: A descriptive term or phrase used to express differences between the ped surface and soil matrix.

Logical Name:	pvsf_location	**Field Size:**	
Physical Name:	pvsflocation	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pvsf_location		

Description: The kind of surface on which coats are observed.

Logical Name:	pvsf_percent	**Field Size:**	
Physical Name:	pvsfpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Percent of the total surface area occupied by a ped surface feature over the extent of the horizon. (SSM)

Attribute Report

Logical Name:	query	**Field Size:**	
Physical Name:	query	**Precision:**	
Logical Data Type:	Query	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The operative specification portion of a particular query. The syntax of this specification is expressed in the NASIS query language.

Logical Name:	query_database_iid_ref	**Field Size:**	
Physical Name:	qrydbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	query_description	**Field Size:**	
Physical Name:	qrydesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative description of a particular query.

Logical Name:	query_iid	**Field Size:**	
Physical Name:	qryiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	query_iid_ref	**Field Size:**	
Physical Name:	qryiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	query_name	**Field Size:**	60
Physical Name:	qryname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: User specified name of a particular query.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	query_text_iid	**Field Size:**	
Physical Name:	qrytextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	range_production	**Field Size:**	
Physical Name:	rsprod	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	lbs/acre/yr	**Maximum:**	20000
Choice List Name:			

Description: The estimated annual potential production of range forage per year.

Logical Name:	rangeland_prod_percent	**Field Size:**	
Physical Name:	rangeprod	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The percentage of total annual site production attributed to the specific rangeland plant, expressed as percent of total air dry plant material by weight.

Logical Name:	reaction_to_alpha_dipyridyl	**Field Size:**	
Physical Name:	reactadipyridyl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	reaction_to_alpha_dipyridyl		

Description: A chemical test used on a freshly broken field moist sample to infer the presence of aquic conditions at the time of sampling. A positive reaction (reddish color change) indicates the presence of reduced iron (Fe II). A negative reaction (no color change) indicates reduced iron is not present.

Logical Name:	record_author	**Field Size:**	25
Physical Name:	recauthor	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Name of the person who entered, or is responsible for, a particular record.

Logical Name:	record_date	**Field Size:**	
Physical Name:	recdate	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date associated with a particular record, expressed as month, day, year -- xx/xx/xxxx.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	redox_feat_boundary	**Field Size:**	
Physical Name:	rdxfeatboundary	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_redox_boundary		

Description: Thickness of the gradation in color between the redox feature and adjacent soil color. (SSM)

Logical Name:	redox_feat_contrast	**Field Size:**	
Physical Name:	rdxfeatcntrst	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_rmf_mottle_contrast		

Description: The degree of visual distinction that is evident at the interface between the redox feature and the surrounding soil. (SSM)

Logical Name:	redox_feat_hardness	**Field Size:**	
Physical Name:	rdxfeathardness	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_redox_hardness		

Description: The degree to which a redox feature resists crushing.

Logical Name:	redox_feat_kind	**Field Size:**	
Physical Name:	rdxfeatkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	redox_feat_kind		

Description: Any relatively homogeneous accumulation or segregation of substance dissimilar to the surrounding matrix. (SSM)

Logical Name:	redox_feat_location	**Field Size:**	
Physical Name:	rdxfeatlocation	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_redox_location		

Description: Location of the redox feature in relation to other morphological soil properties.

Logical Name:	redox_feat_percent	**Field Size:**	
Physical Name:	rdxfeatpct	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The amount of accumulated or segregated materials.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	redox_feat_shape	**Field Size:**	
Physical Name:	rdxfeatshape	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_rmf_mottle_shape		

Description: A description of the multiaxial shape of the redox feature.

Logical Name:	redox_feat_size	**Field Size:**	
Physical Name:	rdxfeatsize	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	concen_rmf_mottle_size		

Description: The dimension of the redox feature, in which the measurement is dependent upon the redox feature shape. (SSM)

Logical Name:	rel_effective_annual_precip	**Field Size:**	
Physical Name:	reannualprecip	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	mm	**Maximum:**	11500
Choice List Name:			

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

Logical Name:	relative_exposure_size	**Field Size:**	
Physical Name:	relexpsize	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The approximate lateral extent of the soil exposure observed and/or sampled.

Logical Name:	relative_exposure_uom	**Field Size:**	
Physical Name:	relexpuom	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	relative_exposure_uom		

Description: The unit of measure associated with the relative exposure size column.

Logical Name:	report	**Field Size:**	
Physical Name:	report	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The operative specification portion of a particular report. The syntax of this specification is expressed in the NASIS report language.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	report_database_iid_ref	**Field Size:**	
Physical Name:	rptdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	report_description	**Field Size:**	
Physical Name:	rptdesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative description of a particular report.

Logical Name:	report_iid	**Field Size:**	
Physical Name:	rptiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	report_iid_ref	**Field Size:**	
Physical Name:	rptiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	report_name	**Field Size:**	60
Physical Name:	rptname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: User specified name of a particular report.

Logical Name:	report_text_iid	**Field Size:**	
Physical Name:	rpttextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	representative_dmu	**Field Size:**	
Physical Name:	repdmu	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Indicates whether or not a particular data mapunit is representative for a particular mapunit. Only one data mapunit may be representative for a mapunit.

Logical Name:	restriction_depth_to_bottom	**Field Size:**	
Physical Name:	resdepb	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the soil surface to the lower boundary of the restrictive layer.

Logical Name:	restriction_depth_to_top	**Field Size:**	
Physical Name:	resdept	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the soil surface to the upper boundary of the restrictive layer.

Logical Name:	restriction_hardness	**Field Size:**	
Physical Name:	reshard	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	rupture_resist_block_cem		

Description: The rupture resistance of air dried and then submerged block-like specimens of mineral material.

Logical Name:	restriction_kind	**Field Size:**	
Physical Name:	reskind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	restriction_kind		

Description: Type of nearly continuous layer that has one or more physical, chemical, or thermal property(ies) that significantly reduce the movement of water and air through the soil or that otherwise provides an unfavorable root environment.

Logical Name:	restriction_thickness	**Field Size:**	
Physical Name:	resthk	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	999
Choice List Name:			

Description: The distance from the top to bottom of a restrictive layer.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	rill_erodibility_factor	**Field Size:**	
Physical Name:	krfact	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:	sec/m	**Maximum:**	
Choice List Name:	rill_erodibility_factor		

Description: A measure of the susceptibility of a soil to detachment by flowing water.

Logical Name:	rock_frag_3_to_10_in	**Field Size:**	
Physical Name:	frag3to10	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The percent by weight of the horizon occupied by rock fragments 3 to 10 inches in size.

Logical Name:	rock_frag_greater_than_10_in	**Field Size:**	
Physical Name:	fraggt10	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: The percent by weight of the horizon occupied by rock fragments greater than 10 inches in size.

Logical Name:	roots_location	**Field Size:**	
Physical Name:	rootslocation	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	roots_location		

Description: The position within a soil horizon where roots occur described in reference to other features.

Logical Name:	roots_quantity	**Field Size:**	
Physical Name:	rootsquantity	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	roots/area	**Maximum:**	99
Choice List Name:			

Description: The number of the selected size of roots per unit area. (SSM)

Logical Name:	roots_size	**Field Size:**	
Physical Name:	rootssize	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	pore_root_size		

Description: The average diameter of a cross section of roots. (SSM)

Attribute Report

Logical Name:	rule	**Field Size:**	
Physical Name:	rule	**Precision:**	
Logical Data Type:	Rule	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The specification of one or (optionally) more evaluations, other rules, or both that define an interpretive statement.

Logical Name:	rule_database_iid_ref	**Field Size:**	
Physical Name:	ruledbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	rule_description	**Field Size:**	
Physical Name:	ruledesc	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative text definition of a rule.

Logical Name:	rule_design	**Field Size:**	
Physical Name:	ruledesign	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	rule_design		

Description: An indicator of the design scheme of the rule. The entry provides an indication of which end of the fuzzy value range, 0 or 1, represents the most limiting features.

Most interpretive rules are designed such that the most limiting features are those with a fuzzy value closest to 1. However, interpretive rules that are designed to evaluate the favorable features of a soil, such as the suitability as a gravel source, may be written such that the most limiting features are those with a fuzzy value closest to 0.

Logical Name:	rule_evaluation_component_iid	**Field Size:**	
Physical Name:	ruleeciid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	rule_evaluation_context_id	**Field Size:**	
Physical Name:	ruleectxid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The ID by which the source text portion of a rule identifies a component evaluation. This indirect reference is recorded so that the fully qualified identification of a component evaluation is stored in one and only one location, i.e. as independent columns in the rule subevaluation component table.

Logical Name:	rule_iid	**Field Size:**	
Physical Name:	ruleiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	rule_iid_ref	**Field Size:**	
Physical Name:	ruleiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	rule_name	**Field Size:**	60
Physical Name:	rulename	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A user assigned name (typically connotative) for a rule.

Logical Name:	rule_rule_component_iid	**Field Size:**	
Physical Name:	rulerciid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	rule_rule_context_id	**Field Size:**
Physical Name:	rulerctxid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The ID by which the source text portion of a rule identifies a component rule. This indirect reference is recorded so that the fully qualified identification of a component rule is stored in one and only one location, i.e. as independent columns in the rule subrule component table.

Logical Name:	rule_text_iid	**Field Size:**
Physical Name:	ruletextiid	**Precision:**
Logical Data Type:	Integer	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

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

Logical Name:	runoff	**Field Size:**
Physical Name:	runoff	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	runoff	

Description: Runoff potential class for the soil.

Logical Name:	rupture_resist_block_cem	**Field Size:**
Physical Name:	rupresblkcem	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	rupture_resist_block_cem	

Description: The rupture resistance of a block-like specimen of 25 to 30 mm size that has been air dried and then submerged in water. (SSM)

Logical Name:	rupture_resist_block_dry	**Field Size:**
Physical Name:	rupresblkdry	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	rupture_resist_block_dry	

Description: The rupture resistance of a block-shaped specimen of 25 to 30 mm size and dry water state. (SSM)

Logical Name:	rupture_resist_block_moist	**Field Size:**
Physical Name:	rupresblkmst	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	rupture_resist_block_moist	

Description: The rupture resistance of a block-shaped specimen of 25 to 30 mm size and moist water state. (SSM)

Attribute Report

Logical Name:	rupture_resist_cem_agent	**Field Size:**
Physical Name:	ruprescem	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	rupture_resist_cem_agent	

Description: Any substance that bonds soil particles into hard, brittle masses that persist even when wet.

Logical Name:	rupture_resist_plate	**Field Size:**
Physical Name:	rupresplate	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	rupture_resist_plate	

Description: The rupture resistance of an air dry plate-shaped specimen of specified size. (SSM)

Logical Name:	rv_indicator	**Field Size:**
Physical Name:	rvindicator	**Precision:**
Logical Data Type:	Boolean	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: A yes/no field that indicates if a value or row (set of values) is representative for the component.

Logical Name:	sand_coarse_separate	**Field Size:**	
Physical Name:	sandco	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 0.5mm to 1.0mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.

Logical Name:	sand_fine_separate	**Field Size:**	
Physical Name:	sandfine	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 0.10 to 0.25mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.

Logical Name:	sand_medium_separate	**Field Size:**	
Physical Name:	sandmed	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 0.25mm to 0.5mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	sand_total_estimated	**Field Size:**	
Physical Name:	sandtotest	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 0.05mm to 2.0mm in equivalent diameter as a weight percentage of the less than 2 mm fraction, estimated at the time of sampling or description.

Logical Name:	sand_total_separate	**Field Size:**	
Physical Name:	sandtotal	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 0.05mm to 2.0mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.

Logical Name:	sand_very_coarse_separate	**Field Size:**	
Physical Name:	sandvc	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 1.0mm to 2.0mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.

Logical Name:	sand_very_fine_separate	**Field Size:**	
Physical Name:	sandvf	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 0.05 to 0.10mm in equivalent diameter as a weight percentage of the less than 2 mm fraction.

Logical Name:	sat_hyd_conductivity_pedon	**Field Size:**	
Physical Name:	ksatpedon	**Precision:**	4
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	um/s	**Maximum:**	705
Choice List Name:			

Description: The calculated average of measured amounts of water that move vertically through a unit area of saturated soil in unit time under unit hydraulic gradient.

Logical Name:	sat_hydraulic_conduct_rep	**Field Size:**	
Physical Name:	ksatrepnum	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

Logical Name:	sat_hydraulic_conduct_std	**Field Size:**	
Physical Name:	ksatstddev	**Precision:**	3
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:		**Maximum:**	100
Choice List Name:			

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

Logical Name:	sat_hydraulic_conductivity	**Field Size:**	
Physical Name:	ksat	**Precision:**	4
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	um/s	**Maximum:**	705
Choice List Name:			

Description: The amount of water that would move vertically through a unit area of saturated soil in unit time under unit hydraulic gradient.

Logical Name:	sequence_number	**Field Size:**	
Physical Name:	seqnum	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Sequential number of the feature being described.

Logical Name:	shape_across	**Field Size:**	
Physical Name:	shapeacross	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	slope_shape		

Description: The geometric, two dimensional profile (shape) of the slope parallel to elevation contours.

Logical Name:	shape_down	**Field Size:**	
Physical Name:	shapedown	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	slope_shape		

Description: The longitudinal shape of the slope.

Logical Name:	sieve_number_10	**Field Size:**	
Physical Name:	sieveno10	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Soil fraction passing a number 10 sieve (2.00mm square opening) as a weight percentage of the less than 3 inch (76.4mm) fraction.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	sieve_number_200	**Field Size:**	
Physical Name:	sieveno200	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Soil fraction passing a number 200 sieve (0.074mm square opening) as a weight percentage of the less than 3 inch (76.4mm) fraction.

Logical Name:	sieve_number_4	**Field Size:**	
Physical Name:	sieveno4	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Soil fraction passing a number 4 sieve (4.70mm square opening) as a weight percentage of the less than 3 inch (76.4mm) fraction.

Logical Name:	sieve_number_40	**Field Size:**	
Physical Name:	sieveno40	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Soil fraction passing a number 40 sieve (0.42mm square opening) as a weight percentage of the less than 3 inch (76.4mm) fraction.

Logical Name:	silt_coarse_separate	**Field Size:**	
Physical Name:	siltco	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles ranging in size from 0.02mm to 0.05mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction.

Logical Name:	silt_fine_separate	**Field Size:**	
Physical Name:	siltfine	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles ranging in size from 0.002 to 0.02mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction.

Logical Name:	silt_total_estimated	**Field Size:**	
Physical Name:	silttotest	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 0.002 to 0.05mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction, estimated at the time of sampling or description.

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Logical Name:	silt_total_separate	**Field Size:**	
Physical Name:	silttotal	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Mineral particles 0.002 to 0.05mm in equivalent diameter as a weight percentage of the less than 2.0mm fraction.

Logical Name:	sir_layer_id_number	**Field Size:**	
Physical Name:	layerid	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	sir_layer_id_number		

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

Logical Name:	sir_number	**Field Size:**	6
Physical Name:	s5id	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The identification assigned to a particular Soil Interpretation Record (SIR). Ex: CO0034.

Logical Name:	site_area_overlap_iid	**Field Size:**	
Physical Name:	sareaoviid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_area_overlap_iid_ref	**Field Size:**	
Physical Name:	sareaoviidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_assoc_database_iid_ref	**Field Size:**	
Physical Name:	sadbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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System Name: NASIS 5.2.5

Logical Name:	site_assoc_iid	**Field Size:**	
Physical Name:	siteassociid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_assoc_iid_ref	**Field Size:**	
Physical Name:	siteassociidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_assoc_site_iid	**Field Size:**	
Physical Name:	siteasiteiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_assoc_text_iid	**Field Size:**	
Physical Name:	siteatextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_associated_soils_iid	**Field Size:**	
Physical Name:	siteassocsoiiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_association_text_kind	**Field Size:**	
Physical Name:	siteassoctextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	site_association_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.

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System Name: NASIS 5.2.5

Logical Name:	site_database_iid_ref	**Field Size:**	
Physical Name:	sdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_erosion_accelerated_iid	**Field Size:**	
Physical Name:	siteeroacciid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_existing_vegetation_iid	**Field Size:**	
Physical Name:	siteexistvegiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_geomorph_desc_iid	**Field Size:**	
Physical Name:	sitegeomdiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_iid	**Field Size:**	
Physical Name:	siteiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_iid_ref	**Field Size:**	
Physical Name:	siteiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	site_index	**Field Size:**	
Physical Name:	siteindex	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	300
Choice List Name:			

Description: The height in feet of the dominant or dominant and co-dominant trees at some index age, except for the pinyon-juniper forest type, for which site index is determined by basal area.

Logical Name:	site_index_base	**Field Size:**	
Physical Name:	siteindexbase	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	site_index_curves		

Description: The number in the National Register of Site Index Curves corresponding to the site index curve used to determine the site index and the annual productivity of forest overstory tree species.

Logical Name:	site_mapunit_overlap_iid	**Field Size:**	
Physical Name:	smuoviid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_observation_iid	**Field Size:**	
Physical Name:	siteobsiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_observation_iid_ref	**Field Size:**	
Physical Name:	siteobsiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_observation_text_iid	**Field Size:**	
Physical Name:	siteobstextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	site_observation_text_kind	**Field Size:**	
Physical Name:	siteobstextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	site_observation_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.

Logical Name:	site_parent_material_iid	**Field Size:**	
Physical Name:	sitepmiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_permeability_class	**Field Size:**	
Physical Name:	siteperm	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	permeability_class		

Description: A class rating of the overall ability of air and water to move through the soil profile. The class limits are as defined in NSSH.

Logical Name:	site_soil_moisture_iid	**Field Size:**	
Physical Name:	sitesmiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_soil_temperature_iid	**Field Size:**	
Physical Name:	sitestiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	site_text_iid	**Field Size:**	
Physical Name:	sitetextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

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Logical Name:	site_text_kind	**Field Size:**	
Physical Name:	sitetextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	site_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.

Logical Name:	slope_aspect	**Field Size:**	
Physical Name:	aspect	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	360
Choice List Name:			

Description: The direction toward which the surface of the soil faces, expressed as an angle between 0 and 360 degrees measured clockwise from true north.

Logical Name:	slope_aspect_clockwise	**Field Size:**	
Physical Name:	aspectcwise	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	360
Choice List Name:			

Description: One end of the range in characteristics for the slope aspect of a component. This end of the range is expressed in degrees measured clockwise from true north, and is the end of the range that is clockwise from the representative slope aspect.

Logical Name:	slope_aspect_counterclockwise	**Field Size:**	
Physical Name:	aspectccwise	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	360
Choice List Name:			

Description: One end of the range in characteristics for the slope aspect of a component. This end of the range is expressed in degrees measured clockwise from true north, and is the end of the range that is counter-clockwise from the representative slope aspect.

Logical Name:	slope_aspect_representative	**Field Size:**	
Physical Name:	aspectrep	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	360
Choice List Name:			

Description: The common, typical, or expected direction toward which the surface of the soil faces, expressed as an angle between 0 and 360 degrees measured clockwise from true north.

Logical Name:	slope_complexity	**Field Size:**	
Physical Name:	slopecomplex	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	slope_complexity		

Description: The identification of whether the landscape surface is simple of complex.

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Logical Name:	slope_gradient	**Field Size:**	
Physical Name:	slope	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	999
Choice List Name:			

Description: The difference in elevation between two points, expressed as a percentage of the distance between those points. (SSM)

Logical Name:	slope_length_point_runoff	**Field Size:**	
Physical Name:	slopelenuptro	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meters	**Maximum:**	99999
Choice List Name:			

Description: The length of slope that contributes water to a site or point. (SSM)

Logical Name:	slope_length_usle	**Field Size:**	
Physical Name:	slopelenusle	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	meters	**Maximum:**	4000
Choice List Name:			

Description: The distance from the point of origin of overland flow to the point where either the slope gradient decreases enough that deposition begins, or the runoff water enters a well-defined channel that may be part of a drainage network or a constructed channel. (Predicting Rainfall Erosion Losses a Guide to Conservation Planning, Agr. Handbook #537, USDA, 1978).

Logical Name:	sodium_adsorption_ratio	**Field Size:**	
Physical Name:	sar	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:		**Maximum:**	9999
Choice List Name:			

Description: A measure of the amount of Sodium (Na) relative to Calcium (Ca) and Magnesium (Mg) in the water extract from saturated soil paste.

Logical Name:	soil_business_completed	**Field Size:**	
Physical Name:	soilbcomp	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the miscellaneous soil business functions (attribute review/update, correlation amendments, metadata creation0 associated with SSURGO development for a soil survey are actually completed, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	soil_erodibility_factor_rf	**Field Size:**	
Physical Name:	kffact	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	soil_erodibility_factor		

Description: An erodibility factor which quantifies the susceptibility of soil particles to detachment by water.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	soil_erodibility_factor_whole	**Field Size:**	
Physical Name:	kwfact	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	soil_erodibility_factor		

Description: An erodibility factor which quantifies the susceptibility of soil particles to detachment and movement by water. This factor is adjusted for the effect of rock fragments.

Logical Name:	soil_moist_depth_to_bottom	**Field Size:**	
Physical Name:	soimoistdepb	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the top of the soil to the lower boundary of the moisture layer.

Logical Name:	soil_moist_depth_to_top	**Field Size:**	
Physical Name:	soimoistdept	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the top of the soil to the upper boundary of the moisture layer.

Logical Name:	soil_moisture_status	**Field Size:**	
Physical Name:	soimoiststat	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	soil_moisture_status		

Description: The mean monthly soil water state at a specified depth.

Logical Name:	soil_moisture_tension	**Field Size:**	
Physical Name:	soimoistten	**Precision:**	3
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	bars	**Maximum:**	25
Choice List Name:			

Description: A measurement of the physical attraction between soil particles and the surrounding soil moisture, as determined by field methods.

Logical Name:	soil_name_as_correlated	**Field Size:**	60
Physical Name:	soinmascorr	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Name of a soil that was correlated for the site.

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System Name: NASIS 5.2.5

Logical Name:	soil_name_as_sampled	**Field Size:**	60
Physical Name:	soinmassamp	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Name of a soil that was expected at the site.

Logical Name:	soil_odor	**Field Size:**	
Physical Name:	soilodor	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	soil_odor		

Description: Indicates the presence of a strong smell in a soil horizon.

Logical Name:	soil_slippage_potential	**Field Size:**	
Physical Name:	soilslippot	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	soil_slippage_potential		

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

Logical Name:	soil_survey_area_status	**Field Size:**	
Physical Name:	ssastatus	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	soil_survey_area_status		

Description: Identifies the operational activity of a soil survey area and currency of published soil information. Examples are Non-Project, Update and Published.

Logical Name:	soil_taxonomy_edition	**Field Size:**	
Physical Name:	soiltaxedition	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	soil_taxonomy_edition		

Description: The edition of Keys to Soil Taxonomy used to classify the soil.

Logical Name:	soil_temp_depth_to_bottom	**Field Size:**	
Physical Name:	soitempdepb	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the top of the soil to the lower boundary of the soil temperature layer.

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System Name: NASIS 5.2.5

Logical Name:	soil_temp_depth_to_top	**Field Size:**	
Physical Name:	soitempdept	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The distance from the top of the soil to the upper boundary of the soil temperature layer.

Logical Name:	soil_temperature	**Field Size:**	
Physical Name:	soitemp	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	-40
Unit of Measure:	degrees c	**Maximum:**	50
Choice List Name:			

Description: Soil temperature reading at a specified depth.

Logical Name:	soil_temperature_depth	**Field Size:**	
Physical Name:	soitempdep	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	9999
Choice List Name:			

Description: The measured depth from the soil surface to the point at which the soil temperature reading was recorded.

Logical Name:	soil_temperature_mean_monthly	**Field Size:**	
Physical Name:	soitempmm	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	-25
Unit of Measure:	degrees c	**Maximum:**	50
Choice List Name:			

Description: The long-term monthly average of the mean daily soil temperature at a specified depth for the month in question. Long-term is generally considered to be a 30-year average.

Logical Name:	ssurgo_archived	**Field Size:**	
Physical Name:	ssurgoarchived	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the SSURGO product for a particular soil survey is actually archived, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	ssurgo_certification	**Field Size:**	
Physical Name:	ssurgocert	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which the SSURGO product for a particular soil survey is certified, expressed as month, day, year -- xx/xx/xxxx.

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System Name: NASIS 5.2.5

Logical Name:	ssurgo_dig_review_started	**Field Size:**	
Physical Name:	ssurgodigrevstart	**Precision:**	
Logical Data Type:	Date/Time	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The date on which an NRCS Digitizing Unit begins the SSURGO review process, expressed as month, day, year (e.g. 09/28/2000). The spatial data, attribute data, metadata, correlation document and compilation certification for a SSURGO Initiative soil survey are on file at the Digitizing Unit.

Logical Name:	ssurgo_initiative	**Field Size:**	
Physical Name:	ssurgoinitiative	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	staff_member_job_title	**Field Size:**	60
Physical Name:	staffmemjt	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The job title of a person who is in some way associated with the work done on a particular soil survey project. This person may be either a NRCS employee or a NCSS cooperator employee.

Logical Name:	staff_member_name	**Field Size:**	60
Physical Name:	staffmemnm	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The name (last name, first name) of a person who is in some way associated with work done on a particular soil survey project. This person may be either a NRCS employee or NCSS cooperator employee.

Logical Name:	stickiness	**Field Size:**	
Physical Name:	stickiness	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	stickiness		

Description: The maximum capacity of thoroughly puddled soil to adhere to other objects.

Logical Name:	stratified_textures_flag	**Field Size:**	
Physical Name:	stratextsflag	**Precision:**	
Logical Data Type:	Boolean	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A Boolean flag that when set (Y) indicates that the textures that comprise a particular texture group, are stratified.

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Logical Name:	structure_grade	**Field Size:**	
Physical Name:	structgrade	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	structure_grade		

Description: The distinctness of the peds described in terms of ease of separation into discrete units.

Logical Name:	structure_group_name	**Field Size:**	100
Physical Name:	structgrpname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The narrative description of the soil structure within a soil horizon.

Logical Name:	structure_id	**Field Size:**	
Physical Name:	structid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A row ID assigned by a user to identify a particular row in a table.

Logical Name:	structure_parts_to	**Field Size:**	
Physical Name:	structpartsto	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Field to indicate if the previous record parts to the current record.

Logical Name:	structure_size	**Field Size:**	
Physical Name:	structsize	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	structure_size		

Description: Measurement of the smallest dimension of the selected secondary particles, units, or peds.

Logical Name:	structure_type	**Field Size:**	
Physical Name:	structtype	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	structure_type		

Description: The multiaxial shape of secondary particles, units, or peds.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	subrule_iid_ref	**Field Size:**	
Physical Name:	sruleiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	sum_of_bases_nh4oacph7	**Field Size:**	
Physical Name:	sumbases	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meq/100g	**Maximum:**	300
Choice List Name:			

Description: The sum of NH4OAc extractable bases (pH 7.0), reported on less than 2mm base.

Logical Name:	surface_frag_cover_percent	**Field Size:**	
Physical Name:	sfragcov	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	100
Choice List Name:			

Description: Percent of the ground covered by fragments 2 mm or larger (20 mm or larger for wood fragments).

Logical Name:	surface_frag_hardness	**Field Size:**	
Physical Name:	sfraghard	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	rupture_resist_block_cem		

Description: The hardness of the fragment.

Logical Name:	surface_frag_kind	**Field Size:**	
Physical Name:	sfragkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	fragment_kind		

Description: The lithology/composition of the surface fragments 2 mm or larger (20 mm or larger for wood fragments).

Logical Name:	surface_frag_roundness	**Field Size:**	
Physical Name:	sfraground	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	fragment_roundness		

Description: An expression of the sharpness of edges and corners of surface fragments.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	surface_frag_shape	**Field Size:**	
Physical Name:	sfragshp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	fragment_shape		

Description: A description of the overall shape of the surface fragment.

Logical Name:	surface_frag_size	**Field Size:**	
Physical Name:	sfragsize	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	2
Unit of Measure:	mm	**Maximum:**	3000
Choice List Name:			

Description: Size based on the multiaxial dimensions of the surface fragment.

Logical Name:	surface_water_depth	**Field Size:**	
Physical Name:	swaterdepth	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	cm	**Maximum:**	1000
Choice List Name:			

Description: The observed depth of water on the soil surface.

Logical Name:	surface_water_kind	**Field Size:**	
Physical Name:	swaterkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	surface_water_kind		

Description: The type (source) of water observed on the soil surface.

Logical Name:	t_factor	**Field Size:**	
Physical Name:	tfact	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:	tons/acre/yr	**Maximum:**	5
Choice List Name:			

Description: Soil loss tolerance factor. The maximum amount of erosion at which the quality of a soil as a medium for plant growth can be maintained.

Logical Name:	table_iid	**Field Size:**	
Physical Name:	tbl_iid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

Logical Name:	table_label	**Field Size:**	80
Physical Name:	tablab	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A descriptive business oriented name for a database table.

Logical Name:	table_number_frozen_column	**Field Size**	
Physical Name:	tabnumfrozcols	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The number of left most columns in a table that should not be scrolled as other columns are scrolled left and right.

Logical Name:	table_number_sort_columns	**Field Size**	
Physical Name:	tabnumsortcols	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The number of columns in a table that participate in that table's sort key.

Logical Name:	table_number_visible_columns	**Field Size**	
Physical Name:	tabnumviscols	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The number of columns in a table that are visible in the NASIS editor.

Logical Name:	taxonomic_classification_name	**Field Size**	120
Physical Name:	taxclname	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A concatenation of the Soil Taxonomy subgroup and family for a soil (long name).

Logical Name:	taxonomic_family_c_e_act_class	**Field Size**	
Physical Name:	taxceactcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_family_c_e_act_class		

Description: Cation exchange activity classes are used as family criteria differentiae. It is the relative cation exchange (CEC) activity level of the soil based on the CEC to clay ratio. (Soil Taxonomy)

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	taxonomic_family_mineralogy	**Field Size:**	
Physical Name:	taxminalogy	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_family_mineralogy		

Description: Mineralogy classes are used as family differentiae. They are based on the approximate mineralogical composition of selected size fractions of the same segment of the soil (control section) that is used for application of particle-size classes. (Soil Taxonomy)

Logical Name:	taxonomic_family_other	**Field Size:**	
Physical Name:	taxfamother	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_family_other		

Description: Soil characteristics other than the defined family characteristics of particle-size classes, mineralogy classes, calcareous and reaction classes, and soil temperature classes. These characteristics include depth of soil, consistence, moisture equivalent, slope of soil, and permanent cracks. (Soil Taxonomy)

Logical Name:	taxonomic_family_part_size_mod	**Field Size:**	
Physical Name:	taxpartsizemod	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_family_part_size_mod		

Description: Taxonomic family criteria that is used to indicate the presence of more than two strongly contrasting classes in the particle size control section. (Soil Taxonomy)

Logical Name:	taxonomic_family_particle_size	**Field Size:**	
Physical Name:	taxpartsize	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_family_particle_size		

Description: Particle-size classes are used as family differentiae. Particle-size refers to grain-size distribution of the whole soil and is not the same as texture. (Soil Taxonomy).

Logical Name:	taxonomic_family_reaction	**Field Size:**	
Physical Name:	taxreaction	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_family_reaction		

Description: Indicates the presence or absence of carbonates and the reaction. They are treated together because of their intimate relationship, and are used to indicate family differentiae. (Soil Taxonomy)

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	taxonomic_family_temp_class	**Field Size:**	
Physical Name:	taxtempcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_family_temp_class		

Description: The taxonomic family temperature class used to construct the official classification name. It may be null when the taxonomic family temperature class is embedded in the classification name. The actual taxonomic temperature regime is recorded in another place.

Logical Name:	taxonomic_great_group	**Field Size:**	
Physical Name:	taxgrtgroup	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_great_group		

Description: The third level of Soil Taxonomy. The category is below the suborder and above the subgroup.

Logical Name:	taxonomic_moisture_class	**Field Size:**	
Physical Name:	taxmoistcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_moisture_class		

Description: Soil moisture classes are unique to the family classification, though not included specifically in the name, this is a mechanism to provide clear identification of the actual moisture regime.

Logical Name:	taxonomic_moisture_subclass	**Field Size:**	
Physical Name:	taxmoistscl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_moisture_subclass		

Description: Soil moisture subclasses are taxonomic subgroup criteria, whether included or not in the name of the subgroup. The definition of each subclass is dependent upon the specific taxonomic great group to which it is attached.

Logical Name:	taxonomic_order	**Field Size:**	
Physical Name:	taxorder	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_order		

Description: The highest level in Soil Taxonomy.

Logical Name:	taxonomic_subgroup	**Field Size:**	
Physical Name:	taxsubgrp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	taxonomic_subgroup		

Description: The fourth level of Soil Taxonomy. The subgroup is below great group and above family.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	taxonomic_suborder	**Field Size:**
Physical Name:	taxsuborder	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	taxonomic_suborder	

Description: The second level of Soil Taxonomy. The suborder is below the order and above the great group.

Logical Name:	taxonomic_temp_regime	**Field Size:**
Physical Name:	taxtempregime	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	taxonomic_temp_regime	

Description: Soil temperature regime as defined in Soil Taxonomy.

Logical Name:	technical_edit_completed	**Field Size:**
Physical Name:	techeditcomp	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date that the 100% technical edit was actually completed, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	technical_edit_scheduled	**Field Size:**
Physical Name:	techeditsch	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date that the 100% technical edit is scheduled to be completed, expressed as month, year -- xx/xxxx.

Logical Name:	technical_review_completed	**Field Size:**
Physical Name:	techreviewcomp	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date that the 10% technical review was actually completed, expressed as month, day, year -- xx/xx/xxxx.

Logical Name:	technical_review_scheduled	**Field Size:**
Physical Name:	techreviewsch	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The date that the 10% technical review is scheduled to be completed, expressed as month, year -- xx/xxxx.

Attribute Report

Logical Name:	terms_used_in_lieu_of_texture	**Field Size:**	
Physical Name:	lieutex	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	terms_used_in_lieu_of_texture		

Description: Substitute terms applied to materials that do not fit into a textural class because of organic matter content, size, rupture resistance, solubility, or another reason.

Logical Name:	text	**Field Size:**	
Physical Name:	text	**Precision:**	
Logical Data Type:	Vtext	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The actual narrative text portion of a text entry. The other parts of a text entry are its identifiers: kind, category and subcategory.

Logical Name:	text_category	**Field Size:**	20
Physical Name:	textcat	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A text entry is identified by its kind, category, and subcategory. Category is a subdivision of kind. "Agr" and "Soi" are two categories for the text kind "Nontechnical Description".

Logical Name:	text_kind	**Field Size:**	
Physical Name:	textkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	text_kind_general		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. Text kind provides a grouping of text entries according to their subject matter.

Logical Name:	text_kind_string	**Field Size:**	128
Physical Name:	textkindstring	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The character string that represents a kind of text entry. In the generalized NASIS text entry classification scheme, a text entry is characterized by a "kind", "category" and "subcategory".

Logical Name:	text_subcategory	**Field Size:**	20
Physical Name:	textsubcat	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A text entry is identified by its kind, category, and subcategory. Subcategory is a subdivision of category. For text kind "Nontechnical" description and text category "Agr", subcategory would correspond to the SSSD field "desnum".

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	texture_class	**Field Size:**	
Physical Name:	texcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	texture_class		

Description: An expression, based on the USDA system of particle sizes, for the relative portions of the various size groups of individual mineral grains less than 2mm equivalent diameter in a mass of soil.

Logical Name:	texture_modifier	**Field Size:**	
Physical Name:	texmod	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	texture_modifier		

Description: A term used to denote the presence of a condition or component other than sand, silt, or clay.

Logical Name:	texture_modifier_and_class	**Field Size:**	30
Physical Name:	texture	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Name for the concatenation of TEXTURE_MODIFIER and TEXTURE_CLASS.

Logical Name:	total_exported_addtnl_mapunits	**Field Size:**	
Physical Name:	totalexportamus	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The total number of map units with status of "additional" included in an export.

Logical Name:	total_exported_data_mapunits	**Field Size:**	
Physical Name:	totalexportdmus	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The total number of data mapunits included in an export.

Logical Name:	total_exported_mapunits	**Field Size:**	
Physical Name:	totalexportmus	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The total number of map units included in an export.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	total_subsidence	**Field Size:**	
Physical Name:	totalsub	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	cm	**Maximum:**	999
Choice List Name:			

Description: The potential decrease of surface elevation as a result of the drainage of wet soils having organic layers or semifluid mineral layers. (NSSH)

Logical Name:	toughness_class	**Field Size:**	
Physical Name:	toughclass	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	toughness_class		

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

Logical Name:	transect_author	**Field Size:**	150
Physical Name:	tsectauth	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Names of the soil scientist(s) that ran the transect.

Logical Name:	transect_database_iid_ref	**Field Size:**	
Physical Name:	tsectdbiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	transect_delineation_size	**Field Size:**	
Physical Name:	tsectdelinsize	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: Approximate size of the map unit delineation in which the transect was run.

Logical Name:	transect_direction	**Field Size:**	
Physical Name:	tsectdir	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	degrees	**Maximum:**	360
Choice List Name:			

Description: Direction of transect as measured in degrees of aspect from the first observation point on the transect. This is a required entry field for transects.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	transect_iid	**Field Size:**	
Physical Name:	tsectiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	transect_iid_ref	**Field Size:**	
Physical Name:	tsectiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	transect_interval	**Field Size:**	
Physical Name:	tsectinterval	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0.1
Unit of Measure:	meters	**Maximum:**	
Choice List Name:			

Description: The distance between the previous point and the current point in a transect.

Logical Name:	transect_kind	**Field Size:**	
Physical Name:	tsectkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	transect_kind		

Description: The kind of transect (geometrically described). Described as one of the following: Straight, zigzag, or random point. If straight or zigzag then the actual interval since the last observation point is a required entry. This is a required entry for a transect.

Logical Name:	transect_selection_method	**Field Size:**	
Physical Name:	tsectselmeth	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	transect_selection		

Description: Describes how the transect location was selected. Described as being one of the following. Randomly selected or selected based on some bias. This is a required entry field for transect data.

Logical Name:	transect_stop_number	**Field Size:**	
Physical Name:	tsectstopnum	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The stop number along the specified transect.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	transect_text_iid	**Field Size:**	
Physical Name:	transecttextiid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	transect_text_kind	**Field Size:**	
Physical Name:	transecttextkind	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	transect_text_kind		

Description: A text entry is identified by its kind, category, and subcategory. Kind is the highest division of classification. "Correlation notes" and "Nontechnical description" are two kinds of text entries.

Logical Name:	unified_soil_classification	**Field Size:**	
Physical Name:	unifiedcl	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	unified_soil_classification		

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

Logical Name:	unix_user_name	**Field Size:**	30
Physical Name:	unixusername	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The UNIX user name associated with a particular NASIS user, i.e. the name the user enters when logging into UNIX.

Logical Name:	update_cooperator_acres	**Field Size:**	
Physical Name:	updtcoopacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The actual number of Update Acres mapped by NCSS cooperator personnel, in a particular period. Update Acres have previously been reported as Initial Acres or as Update Acres.

Logical Name:	update_cooperator_acres_goal	**Field Size:**	
Physical Name:	updtcoopacresg	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The Update Acres mapping goal of NCSS cooperators, for a particular fiscal year. Update Acres have previously been reported as Initial Acres or as Update Acres.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	update_nrcs_acres	**Field Size:**	
Physical Name:	updtnrcsacres	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The actual number of Update Acres mapped by NRCS personnel, in a particular period. Update Acres have previously been reported as Initial Acres or as Update Acres.

Logical Name:	update_nrcs_acres_goal	**Field Size:**	
Physical Name:	updtnrcsacresg	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	acres	**Maximum:**	
Choice List Name:			

Description: The Update Acres mapping goal of NRCS personnel, for a particular fiscal year. Update Acres have previously been reported as Initial Acres or Update Acres.

Logical Name:	user_default_group_iid_ref	**Field Size:**	
Physical Name:	udgiidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	user_description	**Field Size:**	60
Physical Name:	userdesc	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A narrative text entry that contains information about a particular NASIS user.

Logical Name:	user_e_mail_address	**Field Size:**	60
Physical Name:	useremailaddr	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: Email address of a NASIS User.

Logical Name:	user_iid	**Field Size:**	
Physical Name:	useriid	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	user_iid_ref	**Field Size:**	
Physical Name:	useriidref	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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

Logical Name:	user_name	**Field Size:**	30
Physical Name:	username	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The full name of a NASIS user in a particular NASIS database occurrence.

Logical Name:	user_pedon_id	**Field Size:**	60
Physical Name:	upedonid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A short label to help a user identify a particular pedon.

Logical Name:	user_phone	**Field Size:**	20
Physical Name:	userphone	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: The phone number of a particular NASIS user

Logical Name:	user_site_association_id	**Field Size:**	60
Physical Name:	usiteassocid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A short label to help a user identify a particular site association.

Logical Name:	user_site_id	**Field Size:**	60
Physical Name:	usiteid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: A short label to help a user identify a particular site.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	user_transect_id	**Field Size:**	60
Physical Name:	utransectid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

Description: An identifier assigned by the user to a particular transect that is intended to aid in the identification of the transect for the user.

Logical Name:	utm_easting	**Field Size:**	
Physical Name:	utmeasting	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meters	**Maximum:**	1000000
Choice List Name:			

Description: The distance, in meters, proceeding east for the UTM zone. The UTM zone central meridian is the origin and is designated a value of 500,000 meters creating a "false" easting.

Logical Name:	utm_northing	**Field Size:**	
Physical Name:	utmnorthing	**Precision:**	2
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	meters	**Maximum:**	10000000
Choice List Name:			

Description: The distance, in meters, north from the UTM zone origin. For "north", origin is the equator equal zero. For the southern hemisphere it is a false northing with origin, i.e. the equator, equal to 10,000,000 meters.

Logical Name:	utm_zone	**Field Size:**	
Physical Name:	utmzone	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	1
Unit of Measure:		**Maximum:**	60
Choice List Name:			

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

Logical Name:	va_soil_management_group	**Field Size:**	
Physical Name:	vasoimgtgrp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	va_soil_management_group		

Description: A system for ranking soils in Virginia for productivity estimates. Developed by VPI&SU. See Virginia Agronomic Land Use Evaluation System (VALUES) 1993.

Logical Name:	va_soil_productivity_group	**Field Size:**	
Physical Name:	vasoiprdgrp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	va_soil_productivity_group		

Description: Crop specific groupings of soils indicating potential yields under a high level of management.

Attribute Report

Logical Name:	vt_septic_system_class	**Field Size:**
Physical Name:	vtsepticsyscl	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	vt_septic_system_class	

Description: The interpretive separations, or class, based on the ability of the map unit to support an onsite septic system. (Ancillary Soil Interpretation Ratings For On-site Sewerage Disposal in Vermont)

Logical Name:	water_fifteen_bar	**Field Size:**	
Physical Name:	wfifteenbar	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	400
Choice List Name:			

Description: The volumetric content of soil water retained at a tension of 15 bars (1500 kPa), expressed as a percentage of the whole soil.

Logical Name:	water_one_tenth_bar	**Field Size:**	
Physical Name:	wtenthbar	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	2000
Choice List Name:			

Description: The volumetric content of soil water retained at a tension of 1/10 bar (10 kPa), expressed as a percentage of the whole soil.

Logical Name:	water_one_third_bar	**Field Size:**	
Physical Name:	wthirdbar	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0
Unit of Measure:	percent	**Maximum:**	2000
Choice List Name:			

Description: The volumetric content of soil water retained at a tension of 1/3 bar (33 kPa), expressed as a percentage of the whole soil.

Logical Name:	water_satiated	**Field Size:**	
Physical Name:	wsatiated	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	10
Unit of Measure:	percent	**Maximum:**	70
Choice List Name:			

Description: The estimated volumetric soil water content at or near zero bar tension, expressed as a percentage of the whole soil.

Logical Name:	water_table_duration	**Field Size:**	
Physical Name:	wtabledur	**Precision:**	
Logical Data Type:	Integer	**Minimum:**	0
Unit of Measure:	days	**Maximum:**	365
Choice List Name:			

Description: The cumulative annual duration (time) that a water table can be expected to exist in the soil, measured in days.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	when_last_updated	**Field Size:**
Physical Name:	wlupdated	**Precision:**
Logical Data Type:	Date/Time	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:		

Description: The last date in which any data element of a particular NASIS object (area, data mapunit, etc.) was modified.

Logical Name:	wildlife_habitat_coniferous	**Field Size:**
Physical Name:	wlconiferous	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to produce the wildlife element coniferous trees.

Logical Name:	wildlife_habitat_grain	**Field Size:**
Physical Name:	wlgrain	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to produce the wildlife element grain.

Logical Name:	wildlife_habitat_grass	**Field Size:**
Physical Name:	wlgrass	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to produce the wildlife element grass.

Logical Name:	wildlife_habitat_hardwood	**Field Size:**
Physical Name:	wlhardwood	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to produce the wildlife element hardwood trees.

Logical Name:	wildlife_habitat_herbaceous	**Field Size:**
Physical Name:	wlherbaceous	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to produce the wildlife element herbaceous plants.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	wildlife_habitat_openland	**Field Size:**
Physical Name:	wlopenland	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to support the habitat requirements for openland wildlife.

Logical Name:	wildlife_habitat_rangeland	**Field Size:**
Physical Name:	wlrangeland	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to support the habitat requirements for rangeland wildlife.

Logical Name:	wildlife_habitat_shallow_water	**Field Size:**
Physical Name:	wlshallowwat	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to support the wildlife habitat element shallow water.

Logical Name:	wildlife_habitat_shrub	**Field Size:**
Physical Name:	wlshrub	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to produce the wildlife element shrub.

Logical Name:	wildlife_habitat_wetland	**Field Size:**
Physical Name:	wlwetland	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to support the habitat elements for wetland wildlife.

Logical Name:	wildlife_habitat_wetland_plant	**Field Size:**
Physical Name:	wlwetplant	**Precision:**
Logical Data Type:	Choice	**Minimum:**
Unit of Measure:		**Maximum:**
Choice List Name:	wildlife_rating	

Description: Suitability of the soil to produce the wildlife habitat element wetland plant.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	wildlife_habitat_woodland	**Field Size:**	
Physical Name:	wlwoodland	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	wildlife_rating		

Description: Suitability of the soil to produce the habitat elements for woodland wildlife.

Logical Name:	wind_erodibility_group	**Field Size:**	
Physical Name:	weg	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	wind_erodibility_group		

Description: Grouping of soils that have similar properties affecting their resistance to soil blowing in cultivated areas. The groups indicate the susceptibility to soil blowing.

Logical Name:	wind_erodibility_index	**Field Size:**	
Physical Name:	wei	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:	tons/acre/yr	**Maximum:**	
Choice List Name:	wind_erodibility_index		

Description: A value in tons/acre/year that is a factor in calculating soil loss by wind. The values are acquired from WEG.

Logical Name:	windbreak_suitability_group	**Field Size:**	
Physical Name:	wndbrksuitgrp	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	windbreak_suitability_group		

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

Logical Name:	windbreak_tree_height	**Field Size:**	
Physical Name:	wndbrkht	**Precision:**	1
Logical Data Type:	Float	**Minimum:**	0.1
Unit of Measure:	meters	**Maximum:**	35
Choice List Name:			

Description: Windbreak tree height at age 20 years.

Logical Name:	woodland_equipment_rating	**Field Size:**	
Physical Name:	wdequiprtg	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	woodland_rating		

Description: Woodland limitation rating for the use of equipment, year round or seasonal.

Attribute Report

System Name: NASIS 5.2.5

Logical Name:	woodland_erosion_rating	**Field Size:**	
Physical Name:	wderosionrtg	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	woodland_rating		

Description: Woodland limitation rating identifying the probability that damage may occur as a result of site preparation and following cutting operations where soil is exposed.

Logical Name:	woodland_plant_competition	**Field Size:**	
Physical Name:	wdplantcompetn	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	woodland_rating		

Description: Woodland limitation rating for the likelihood of the invasion or growth of undesirable species when openings are made in the canopy.

Logical Name:	woodland_seedling_mortality	**Field Size:**	
Physical Name:	wdseedmortlty	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	woodland_rating		

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

Logical Name:	woodland_windthrow_hazard	**Field Size:**	
Physical Name:	wdwindthrowhzd	**Precision:**	
Logical Data Type:	Choice	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:	woodland_rating		

Description: Woodland limitation rating identifying the windthrow hazard. Windthrow is the likelihood of trees being uprooted by wind as a result of insufficient depth of the soil to give adequate root anchorage.

Logical Name:	yield_study_identification	**Field Size:**	10
Physical Name:	yldstudyid	**Precision:**	
Logical Data Type:	String	**Minimum:**	
Unit of Measure:		**Maximum:**	
Choice List Name:			

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