Table Structure Report

Logical Table Name: area
Physical Table Name: area
Table Label: Area

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: area

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	area_symbol	areasymbol	Area Symbol	Varchar	20	Yes	N.A.	No
3	area_name	areaname	Area Name	Varchar	135	No	N.A.	No
4	area_acres	areaacres	Area Acres	Integer		No	N.A.	No
5	obsolete_term	obterm	Obsolete?	Boolean		No	N.A.	No
6	area_type_iid_ref	areatypeiidref	Migrated Area Type Rec ID	Integer		Yes	N.A.	No
7	area_iid	areaiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Area table lists the areas for each area type shown in the Area Type table. For example, the list of traditional soil survey areas is under the area type "Non-MLRA Soil Survey Areas". Nationally coordinated areas are listed under area types owned by the "NSSC Pangaea" database.

Areas listed under the area types "Non-MLRA Soil Survey Area" and "MLRA Soil Survey Area" are linked to legends in the Legend table. Areas listed under other area types are used to define areas of geographic coincidence with soil survey areas in the Legend Area Overlap table.

Table Structure Report

Logical Table Name: area_text
Physical Table Name: areatext
Table Label: Area Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: areatext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	area_text_kind	areatextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	area_iid_ref	areaiidref	Migrated Area Rec ID	Integer		Yes	N.A.	No
9	area_text_iid	areatextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Area Text table contains notes and narrative descriptions for each area. Area text is optional. In many cases, this table is empty.

Table Structure Report

Logical Table Name: area_type
Physical Table Name: areatype
Table Label: Area Type

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: areatype

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	area_type_name	areatypename	Area Type Name	Varchar	45	Yes	N.A.	No
2	area_type_database_iid_ref	atdbiidref	Area Type Site	Smallint		Yes	N.A.	No
3	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
4	user_iid_ref	useriidref	User	Integer		No	N.A.	No
5	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
6	area_type_iid	areatypeiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Area Type table lists area types and the owner of each area type. In NASIS, different kinds of areas are organized by area type. For example, traditional soil survey areas are listed in the Area table under the "Non MLRA Soil Survey Area" type. Nationally coordinated area types are owned by "NSSC Pangaea", but users may create their own area types.

Table Structure Report

Logical Table Name: calculation
Physical Table Name: dd_calc
Table Label: Calculation

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: dd_calc

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	calculation_sequence	calc_seq	Calculation Sequence	Smallint		No	N.A.	No
2	calculation_name	calc_nm	Calculation Name	Varchar	60	Yes	N.A.	No
3	calculation_type	calc_type	Calculation Type	Unordered Code		Yes	N.A.	No
4	calculation_description	calc_desc	Calculation Description	Text		No	N.A.	No
5	calculation_table_iid	calc_tbl_iid	Table Name	Smallint		Yes	N.A.	No
6	calculation	calc	Calculation	Text		No	N.A.	No
7	data_approved_for_use	dataafuse	Ready to use?	Boolean		Yes	N.A.	No
8	calculation_database_iid_ref	calcdbiidref	Calculation Site	Smallint		Yes	N.A.	No
9	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
10	user_iid_ref	useriidref	User	Integer		Yes	N.A.	No
11	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
12	calculation_iid	calc_iid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records procedures used to derive the value of a column or to check the logical consistency of the value in one column with the values of one or more other columns.

Table Structure Report

Logical Table Name: calculation_text
Physical Table Name: calctext
Table Label: Calculation Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: calctext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	calculation_text_kind	calctextkind	Kind	Unordered Code		No	N.A.	No
5	text_category	textcat	Category	Varchar	20	No	N.A.	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	calculation_iid_ref	calciidref	Migrated Calculation Rec ID	Integer		Yes	N.A.	No
9	calc_text_iid	calctextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Calculation Text table contains notes and narrative descriptions for each calculation. Calculation text is typically used to document rationale for edits to calculation scripts, but is optional. In many cases, the table is empty.

Table Structure Report

Logical Table Name: chorizon
Physical Table Name: chorizon
Table Label: Horizon

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chorizon

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	horizon_designation	hzname	Designation	Varchar	12	No	List, RV	Yes
3	horz_desgn_discontinuity	desgndisc	Disc	Smallint		No	RV	No
4	horz_desgn_master	desgnmaster	Master	Unordered Code		No	RV	No
5	horz_desgn_master_prime	desgnmasterprime	Prime	Unordered Code		No	N.A.	No
6	horz_desgn_vertical_subdvn	desgnvert	Sub	Smallint		No	RV	No
7	horizon_depth_to_top	hzdept	Top Depth	Smallint		No	H, L, RV	No
8	horizon_depth_to_bottom	hzdepb	Bottom Depth	Smallint		No	H, L, RV	No
9	horizon_thickness	hzthk	Thickness	Smallint		No	H, L, RV	No
10	rock_frag_greater_than_10_in	fraggt10	Rock >10	Smallint		No	H, L, RV	No
11	rock_frag_3_to_10_in	frag3to10	Rock 3-10	Smallint		No	H, L, RV	No
12	sieve_number_4	sieveno4	#4	Smallfloat		No	H, L, RV	Yes
13	sieve_number_10	sieveno10	#10	Smallfloat		No	H, L, RV	Yes
14	sieve_number_40	sieveno40	#40	Smallfloat		No	H, L, RV	Yes
15	sieve_number_200	sieveno200	#200	Smallfloat		No	H, L, RV	Yes
16	sand_total_separate	sandtotal	Total Sand	Smallfloat		No	H, L, RV	Yes
17	sand_very_coarse_separate	sandvc	vcos	Smallfloat		No	H, L, RV	Yes
18	sand_coarse_separate	sandco	cos	Smallfloat		No	H, L, RV	Yes
19	sand_medium_separate	sandmed	ms	Smallfloat		No	H, L, RV	Yes
20	sand_fine_separate	sandfine	fs	Smallfloat		No	H, L, RV	Yes
21	sand_very_fine_separate	sandvf	vfs	Smallfloat		No	H, L, RV	Yes
22	silt_total_separate	silttotal	Total Silt	Smallfloat		No	H, L, RV	Yes
23	silt_coarse_separate	siltco	Coarse Silt	Smallfloat		No	H, L, RV	No
24	silt_fine_separate	siltfine	Fine Silt	Smallfloat		No	H, L, RV	No
25	clay_total_separate	claytotal	Total Clay	Smallfloat		No	H, L, RV	No
26	clay_sized_carbonate	claysizedcarb	CaCO3 Clay	Smallfloat		No	H, L, RV	No
27	organic_matter_percent	om	OM	Smallfloat		No	H, L, RV	No
28	bulk_density_one_tenth_bar	dbtenthbar	Db 0.1 bar H2O	Smallfloat		No	H, L, RV	Yes
29	bulk_density_one_third_bar	dbthirdbar	Db 0.33 bar H2O	Smallfloat		No	H, L, RV	Yes
30	bulk_density_fifteen_bar	dbfifteenbar	Db 15 bar H2O	Smallfloat		No	H, L, RV	Yes
31	bulk_density_oven_dry	dbovendry	Db oven dry	Float		No	H, L, RV	Yes

Table Structure Report

Logical Table Name: chorizon
Physical Table Name: chorizon
Table Label: Horizon

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chorizon

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
32	particle_density	partdensity	Dp	Smallfloat		No	RV	No
33	sat_hydraulic_conductivity	ksat	Ksat	Smallfloat		No	H, L, RV	No
34	available_water_capacity	awc	AWC	Smallfloat		No	H, L, RV	No
35	water_one_tenth_bar	wtenthbar	0.1 bar H2O	Smallfloat		No	H, L, RV	Yes
36	water_one_third_bar	wthirdbar	0.33 bar H2O	Smallfloat		No	H, L, RV	Yes
37	water_fifteen_bar	wfifteenbar	15 bar H2O	Smallfloat		No	H, L, RV	Yes
38	water_satiated	wsatiated	Satiated H2O	Smallint		No	H, L, RV	Yes
39	linear_extensibility_percent	lep	LEP	Smallfloat		No	H, L, RV	No
40	liquid_limit	ll	LL	Smallfloat		No	H, L, RV	Yes
41	plasticity_index	pi	PI	Smallfloat		No	H, L, RV	Yes
42	critical_shear_stress	taucfact	TauC	Unordered Code		No	RV	No
43	aashto_group_index	aashind	AASHTO Group Index	Smallint		No	H, L, RV	Yes
44	soil_erodibility_factor_whole	kwfact	Kw	Unordered Code		No	RV	No
45	soil_erodibility_factor_rf	kffact	Kf	Unordered Code		No	RV	No
46	interrill_erodibility_factor	kifact	Ki	Unordered Code		No	RV	No
47	rill_erodibility_factor	krfact	Kr	Unordered Code		No	RV	No
48	calcium_carbonate_equivalent	caco3	CaCO3	Smallint		No	H, L, RV	No
49	gypsum	gypsum	Gypsum	Smallint		No	H, L, RV	No
50	sodium_adsorption_ratio	sar	SAR	Smallfloat		No	H, L, RV	No
51	electrical_conductivity	ec	EC	Smallfloat		No	H, L, RV	No
52	cation_exch_capcty_nh4oacph7	cec7	CEC-7	Smallfloat		No	H, L, RV	No
53	effective_cation_exch_capcty	ecec	ECEC	Smallfloat		No	H, L, RV	No
54	sum_of_bases_nh4oacph7	sumbases	Sum of Bases	Float		No	H, L, RV	No
55	ph_1_1_water	ph1to1h2o	pH H2O	Smallfloat		No	H, L, RV	No
56	ph_01m_cacl2	ph01mcacl2	pH CaCl2	Smallfloat		No	H, L, RV	No
57	free_iron_oxides	freeiron	Free Iron	Smallfloat		No	H, L, RV	No
58	iron_oxalate	feoxalate	Oxalate Fe	Smallfloat		No	H, L, RV	No
59	extractable_acidity	extracid	Ext Acidity	Smallfloat		No	H, L, RV	No
60	extractable_aluminum	extral	Extract Al	Smallfloat		No	H, L, RV	No
61	aluminum_oxalate	aloxalate	Oxalate Al	Smallfloat		No	H, L, RV	No
62	phosphorous_bray1	pbray1	Bray 1 Phos	Smallfloat		No	H, L, RV	No

Table Structure Report

Logical Table Name: chorizon
Physical Table Name: chorizon
Table Label: Horizon

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chorizon

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
63	phosphorous_oxalate	poxalate	Oxalate Phos	Smallfloat		No	H, L, RV	No
64	phosphorous_water_soluble	ph2osoluble	Water Soluble Phos	Smallfloat		No	H, L, RV	No
65	phosphorous_total	ptotal	Total Phos	Smallfloat		No	H, L, RV	No
66	excavation_difficulty_class	excavdifcl	Excav Diff	Ordered Code		No	List, RV	No
67	excavation_difficulty_moist_st	excavdifms	Excav Diff Moisture	Unordered Code		No	N.A.	No
68	sir_layer_id_number	layerid	SIR Layer	Unordered Code		No	N.A.	No
69	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
70	chorizon_iid	chiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon table lists the horizons for each component. If the horizon thickness is greater than zero (low=5, RV=8, high=12), the horizon exists everywhere this component occurs in this mapunit. If the horizon thickness includes zero (low=0, RV=1, high=3), the horizon may exist in some places where this component occurs, but may not exist in other places.

Horizons that have two distinct parts, such as E/B or E&Bt, are recorded twice. Once for the characteristics of the first part; and again on another row, using the same depths and thicknesses, for the characteristics of the other part.

Table Structure Report

Logical Table Name: chorizon_aashto
Physical Table Name: chaashto
Table Label: Horizon AASHTO

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chaashto

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	aashto_group_classification	aashtocl	AASHTO	Unordered Code		No	List, RV	Yes
3	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
4	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
5	chor_aashto_iid	chaashtoiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon AASHTO table contains the American Association of State Highway Transportation Officials classifications for each horizon. One row in this table is marked as the representative AASHTO classification for the horizon.

Table Structure Report

Logical Table Name: chorizon_consistence
Physical Table Name: chconsistence
Table Label: Horizon Consistence

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chconsis

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	rupture_resist_block_moist	rupresblkmst	Rupture Moist	Ordered Code		No	N.A.	No
3	rupture_resist_block_dry	rupresblkdry	Rupture Dry	Ordered Code		No	N.A.	No
4	rupture_resist_block_cem	rupresblkcem	Rupture Cement	Ordered Code		No	N.A.	No
5	rupture_resist_plate	rupresplate	Rupture Plate	Ordered Code		No	N.A.	No
6	manner_of_failure	mannerfailure	Manner of Failure	Ordered Code		No	N.A.	No
7	stickiness	stickiness	Stickiness	Ordered Code		No	N.A.	No
8	plasticity	plasticity	Plasticity	Ordered Code		No	N.A.	No
9	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
10	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
11	chor_consistence_iid	chconsistiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Consistence table lists the range of rupture resistance, plasticity, and stickiness for each horizon. The row with the typically occurring characteristics is identified as the RV row.

Table Structure Report

Logical Table Name: chorizon_desgn_suffix
Physical Table Name: chdesgnsuffix
Table Label: Horizon Designation Suffix

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chdsuffx

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	horz_desgn_letter_suffix	desgnsuffix	Suffix	Unordered Code		No	List	No
3	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
4	chor_desgn_suffix_iid	chdesgnsfxiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Designation Suffix table contains the suffixes, one per row, for each horizon. For example, the "h" and "s" of a Bhs horizon appear as two rows in this table.

Table Structure Report

Logical Table Name: chorizon_fragments
Physical Table Name: chfrags
Table Label: Horizon Fragments

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chfrags

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	fragment_volume	fragvol	Vol %	Smallint		No	H, L, RV	No
3	fragment_kind	fragkind	Kind	Unordered Code		No	List	No
4	fragment_size	fragsize	Size	Smallint		No	H, L, RV	No
5	fragment_shape	fragshp	Shape	Unordered Code		No	List	No
6	fragment_roundness	fraground	Roundness	Unordered Code		No	RV	No
7	fragment_hardness	fraghard	Hardness	Ordered Code		No	RV	No
8	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
9	chor_fragments_iid	chfragsiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Fragments table lists the mineral and organic fragments included in the horizon shown in the Horizon table. If the Volume % is greater than zero (low=5, RV=10, high=15) in a row, the kind and size of fragment in that row exists everywhere this horizon and component occur in the mapunit. If the Volume % includes zero (low=0, RV=5, high=10), the kind and size of fragment may exist in some places, but not in others.

Table Structure Report

Logical Table Name: chorizon_pores
Physical Table Name: chpores
Table Label: Horizon Pores

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chpores

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	pore_quantity	poreqty	Quantity	Smallfloat		No	H, L, RV	No
3	pore_size	poresize	Size	Ordered Code		No	List, RV	No
4	pore_continuity_vertical	porecont	Continuity	Ordered Code		No	List, RV	No
5	pore_shape	poreshp	Shape	Unordered Code		No	List, RV	No
6	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
7	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
8	chor_pores_iid	chporesiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Pores table lists the voids for the horizon shown above in the Horizon table. If the Quantity is greater than zero (low=2, RV=5, high=10) in a row, the voids in that row exist everywhere the horizon and component occur in the mapunit. If the Quantity includes zero (low=0, RV=2, high=5), the void may exist in some places, but not in others. More than one row can be marked as an RV row because a horizon may have more than one size or shape of void.

Table Structure Report

Logical Table Name: chorizon_structure
Physical Table Name: chstruct
Table Label: Horizon Structure

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chstr

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	structure_grade	structgrade	Grade	Ordered Code		No	N.A.	No
3	structure_size	structsize	Size	Ordered Code		No	N.A.	No
4	structure_type	structtype	Type	Unordered Code		No	N.A.	No
5	structure_id	structid	Structure ID	Smallint		No	N.A.	No
6	structure_parts_to	structpartsto	Parts to Structure ID	Smallint		No	N.A.	No
7	chor_structure_group_iid_ref	chstructgrpiidref	Migrated Structure Group Rec ID	Integer		Yes	N.A.	No
8	chor_structure_iid	chstructiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Structure table lists the soil structure size, grade, and shape for the structure group shown in the Horizon Structure Group table. It also provides an indicator of one structure type parting to another type.

Table Structure Report

Logical Table Name: chorizon_structure_group
Physical Table Name: chstructgrp
Table Label: Horizon Structure Group

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chstrgrp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	structure_group_name	structgrpname	Structure	Varchar	100	No	List, RV	Yes
3	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
4	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
5	chor_structure_group_iid	chstructgrpiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Structure Group table lists the range of structures for each horizon. The row with the typically occurring structure is identified as the RV row. The entry in this table can be calculated based on entries in the Horizon Structure table.

Table Structure Report

Logical Table Name: chorizon_text
Physical Table Name: chtext
Table Label: Horizon Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chtext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	chorizon_text_kind	chorizontextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
9	chor_text_iid	chtextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Text table contains notes and narrative descriptions for each horizon. Horizon text is typically used to document rationale for edits to horizon data elements, but is optional. In many cases, the table is empty.

Table Structure Report

Logical Table Name: chorizon_texture
Physical Table Name: chtexture
Table Label: Horizon Texture

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chtextur

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	texture_class	texcl	Texture	Unordered Code		No	List, RV	No
3	terms_used_in_lieu_of_texture	lieutex	In Lieu	Unordered Code		No	List, RV	No
4	chor_texture_group_iid_ref	chtgiidref	Migrated Texture Group Rec ID	Integer		Yes	N.A.	No
5	chor_texture_iid	chtiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Texture table lists the texture, or in lieu of texture, for the texture group shown above in the Horizon Texture Group table. Only the unmodified texture is listed in the Horizon Texture table; modifiers are listed in the Horizon Texture Modifier table. For example, a gravelly loamy sand is shown as "GR-LS" in the Horizon Texture Group table, "ls" in this table, and "gr" in the Horizon Texture Modifier table.

Table Structure Report

Logical Table Name: chorizon_texture_group
Physical Table Name: chtexturegrp
Table Label: Horizon Texture Group

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chtexgrp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	texture_modifier_and_class	texture	Tex Mod & Class	Varchar	30	No	List, RV	Yes
3	stratified_textures_flag	stratextsflag	Stratified?	Boolean		Yes	N.A.	No
4	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
5	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
6	chor_texture_group_iid	chtgiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Texture Group table lists the range of textures for each horizon. For example, a horizon that is gravelly loamy sand in some places and gravelly loamy coarse sand in other places is shown as GR-LS on one row and GR-LCOS on another row in this table. The row with the typically occurring texture is identified as the RV row. Stratified textures are shown in one row. For example, a horizon that is stratified gravelly loamy fine sand and cobbly coarse sand is shown as SR- GR-LFS CB-COS on one row and the Stratified? column for that row is marked "yes". If two or more textures always occur together but are not stratified, all of the textures are listed on one row and the Stratified? column for that row is marked "no".

Table Structure Report

Logical Table Name: chorizon_texture_modifier
Physical Table Name: chtexturemod
Table Label: Horizon Texture Modifier

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chtexmod

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	texture_modifier	texmod	Modifier	Unordered Code		No	List	No
3	chor_texture_iid_ref	chtiidref	Migrated Texture Rec ID	Integer		Yes	N.A.	No
4	chor_texture_modifier_iid	chtexmodiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Texture Modifier table lists the texture modifiers for the texture shown above in the Horizon Texture Group and Horizon Texture tables. For example, a gravelly loamy sand is shown as "GR-LS" in the Horizon Texture Group table, "ls" in the Horizon Texture table, and "gr" in this table.

Table Structure Report

Logical Table Name: chorizon_unified
Physical Table Name: chunified
Table Label: Horizon Unified

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: chunifie

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	unified_soil_classification	unifiedcl	Unified	Unordered Code		No	List, RV	Yes
3	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
4	chorizon_iid_ref	chiidref	Migrated Horizon Rec ID	Integer		Yes	N.A.	No
5	chor_unified_iid	chunifiediid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Unified table contains the Unified classifications for the horizon shown above in the Horizon table. One row in the Horizon Unified table is marked as the representative Unified classification for the horizon.

Table Structure Report

Logical Table Name: component
Physical Table Name: component
Table Label: Component

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: comp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	component_percent	comppct	Comp %	Smallint		No	H, L, RV	No
3	component_name	compname	Component Name	Varchar	60	No	N.A.	Yes
4	component_kind	compkind	Kind	Unordered Code		No	N.A.	No
5	major_component_flag	majcompflag	Major Component	Boolean		No	N.A.	No
6	class_determining_phase	otherph	SIR phase	Varchar	40	No	N.A.	No
7	local_phase	localphase	Local Phase	Varchar	40	No	N.A.	No
8	slope_gradient	slope	Slope Gradient	Smallfloat		No	H, L, RV	No
9	slope_length_usle	slopelenusle	Slope Length USLE	Smallint		No	H, L, RV	No
10	runoff	runoff	Runoff Class	Ordered Code		No	N.A.	No
11	t_factor	tfact	T	Smallint		No	RV	No
12	wind_erodibility_index	wei	WEI	Ordered Code		No	RV	No
13	wind_erodibility_group	weg	WEG	Unordered Code		No	RV	No
14	erosion_class	erocl	Erosion Class	Ordered Code		No	RV	No
15	earth_cover_kind_level_one	earthcovkind1	Cover Kind 1	Unordered Code		No	RV	No
16	earth_cover_kind_level_two	earthcovkind2	Cover Kind 2	Unordered Code		No	RV	No
17	hydric_condition	hydricon	Hydric Condition	Unordered Code		No	N.A.	No
18	drainage_class	drainagecl	Drainage Class	Ordered Code		No	RV	No
19	elevation	elev	Elevation	Smallfloat		No	H, L, RV	No
20	slope_aspect_counterclockwise	aspectccwise	Aspect Counter Clockwise	Smallint		No	N.A.	No
21	slope_aspect_representative	aspectrep	Aspect Representative	Smallint		No	N.A.	No
22	slope_aspect_clockwise	aspectcwise	Aspect Clockwise	Smallint		No	N.A.	No
23	albedo_dry	albedodry	Albedo Dry	Smallfloat		No	H, L, RV	Yes
24	mean_annual_air_temperature	airtempa	MAAT	Smallfloat		No	H, L, RV	No
25	mean_annual_precipitation	map	MAP	Smallint		No	H, L, RV	No
26	rel_effective_annual_precip	reannualprecip	REAP	Smallint		No	H, L, RV	No
27	mean_annual_frost_free_days	ffd	Frost Free Days	Smallint		No	H, L, RV	No
28	nonirr_capability_class	nirrcapcl	Nirr LCC	Unordered Code		No	RV	No
29	nonirr_capability_subclass	nirrcapscl	Nirr Subcl	Ordered Code		No	RV	No
30	nonirr_capability_unit	nirrcapunit	Nirr LCU	Smallint		No	RV	No
31	irrigated_capability_class	irrcapcl	Irr LCC	Unordered Code		No	RV	No

Table Structure Report

Logical Table Name: component
Physical Table Name: component
Table Label: Component

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: comp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
32	irrigated_capability_subclass	irrcapscl	Irr Subcl	Ordered Code		No	RV	No
33	irrigated_capability_unit	irrcapunit	Irr LCU	Smallint		No	RV	No
34	crop_productivity_index	cropprodindex	Prod Index	Smallint		No	N.A.	No
35	conservation_tree_shrub_group	constreeshrubgrp	Cons Tree Shrub Group	Ordered Code		No	N.A.	Yes
36	windbreak_suitability_group	wndbrksuitgrp	Windbreak Suitability (Obsolete)	Ordered Code		No	RV	No
37	range_production	rsprod	Range Prod	Integer		No	H, L, RV	No
38	forage_suitability_grp_type	forsgrptype	Forage Suitability Group Type	Unordered Code		No	N.A.	No
39	forage_suitability_grp_mlra	forsgrpmlra	Forage Suitability Group MLRA	Unordered Code		No	N.A.	No
40	forage_suitability_grp_lru	forsgrplru	Forage Suitability Group LRU	Unordered Code		No	N.A.	No
41	forage_suitability_grp_number	forsgrpnumber	Forage Suitability Group Number	Character	3	No	N.A.	No
42	forage_suitability_grp_state	forsgrpstate	Forage Suitability Group State	Unordered Code		No	N.A.	No
43	local_plant_iid_ref	lplantiidref	Ord Species (Obsolete)	Integer		No	N.A.	No
44	ordination_symbol_class	ordsymcl	Ord Class (Obsolete)	Smallint		No	RV	No
45	ordination_symbol_subclass	ordsymscl	Ord Subcl (Obsolete)	Unordered Code		No	RV	No
46	ordination_symbol_group	ordsymgrp	Ord Group (Obsolete)	Smallint		No	RV	No
47	woodland_erosion_rating	wderosionrtg	Erosion Hazard	Ordered Code		No	RV	No
48	woodland_equipment_rating	wdequiprtg	Equipment Limitations	Ordered Code		No	RV	No
49	woodland_seedling_mortality	wdseedmortlty	Seedling Mortality	Ordered Code		No	RV	No
50	woodland_plant_competition	wdplantcompetn	Plant Competition	Ordered Code		No	RV	No
51	woodland_windthrow_hazard	wdwindthrowhzd	Windthrow Hazard	Ordered Code		No	RV	No
52	wildlife_habitat_grain	wlgrain	Grain Habitat	Ordered Code		No	RV	No
53	wildlife_habitat_grass	wlgrass	Grass Habitat	Ordered Code		No	RV	No
54	wildlife_habitat_herbaceous	wlherbaceous	Herbaceous Habitat	Ordered Code		No	RV	No
55	wildlife_habitat_shrub	wlshrub	Shrub Habitat	Ordered Code		No	RV	No
56	wildlife_habitat_coniferous	wlconiferous	Conifer Habitat	Ordered Code		No	RV	No
57	wildlife_habitat_hardwood	wlhardwood	Hardwood Habitat	Ordered Code		No	RV	No
58	wildlife_habitat_wetland_plant	wlwetplant	Wetland Habitat	Ordered Code		No	RV	No
59	wildlife_habitat_shallow_water	wlshallowwat	Water Habitat	Ordered Code		No	RV	No
60	wildlife_habitat_rangeland	wlrangeland	Rangeland Wildlife	Ordered Code		No	RV	No
61	wildlife_habitat_openland	wlopenland	Openland Wildlife	Ordered Code		No	RV	No
62	wildlife_habitat_woodland	wlwoodland	Woodland Wildlife	Ordered Code		No	RV	No

Table Structure Report

Logical Table Name: component
Physical Table Name: component
Table Label: Component

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: comp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
63	wildlife_habitat_wetland	wlwetland	Wetland Wildlife	Ordered Code		No	RV	No
64	soil_slippage_potential	soilslippot	Soil Slip Pot	Ordered Code		No	RV	No
65	potential_frost_action	frostact	Frost Action	Ordered Code		No	RV	No
66	initial_subsidence	initsub	Init Subsid	Smallint		No	H, L, RV	No
67	total_subsidence	totalsub	Total Subsid	Smallint		No	H, L, RV	No
68	hydrologic_group	hydgrp	Hydrologic Group	Unordered Code		No	RV	No
69	corrosion_concrete	corcon	Corrosion Concrete	Ordered Code		No	RV	No
70	corrosion_uncoated_steel	corsteel	Corrosion Steel	Ordered Code		No	RV	No
71	taxonomic_classification_name	taxclname	Taxonomic Class	Varchar	120	No	N.A.	Yes
72	taxonomic_order	taxorder	Order	Unordered Code		No	N.A.	No
73	taxonomic_suborder	taxsuborder	Suborder	Unordered Code		No	N.A.	No
74	taxonomic_great_group	taxgrtgroup	Great Group	Unordered Code		No	N.A.	No
75	taxonomic_subgroup	taxsubgrp	Subgroup	Unordered Code		No	N.A.	No
76	taxonomic_family_particle_size	taxpartsize	Particle Size	Unordered Code		No	N.A.	No
77	taxonomic_family_part_size_mod	taxpartsizemod	Particle Size Mod	Unordered Code		No	N.A.	No
78	taxonomic_family_c_e_act_class	taxceactcl	CEC Activity Cl	Ordered Code		No	N.A.	No
79	taxonomic_family_reaction	taxreaction	Reaction	Unordered Code		No	N.A.	No
80	taxonomic_family_temp_class	taxtempcl	Temp Class	Unordered Code		No	N.A.	No
81	taxonomic_moisture_subclass	taxmoistscl	Moist Subclass	Unordered Code		No	N.A.	No
82	taxonomic_temp_regime	taxtempregime	Temp Regime	Unordered Code		No	RV	No
83	soil_taxonomy_edition	soiltaxedition	Keys to Taxonomy Edition Used	Ordered Code		No	N.A.	No
84	ca_storie_index	castorieindex	CA Storie Index	Smallint		No	N.A.	No
85	fl_ecological_community_number	flecolcomnum	FL Ecol Comm #	Varchar	5	No	RV	No
86	fl_highly_erodible	flhe	FL HE	Boolean		No	RV	No
87	fl_potentially_highly_erodible	flphe	FL PHE	Boolean		No	RV	No
88	fl_soil_leaching_potential	flsoilleachpot	FL Leach Pot	Ordered Code		No	RV	No
89	fl_soil_runoff_potential	flsoirunoffpot	FL Runoff Pot	Ordered Code		No	RV	No
90	fl_temik_2_use	fltemik2use	FL Temik	Boolean		No	RV	No
91	fl_triumph_2_use	fltriumph2use	FL Triumph	Boolean		No	RV	No
92	in_drainage_group	indraingrp	IN Drainage Grp	Character	3	No	RV	No
93	in_nitrate_leaching_index	innitrateleachi	IN NO3 Leach Index	Smallint		No	RV	No

Table Structure Report

Logical Table Name: component
Physical Table Name: component
Table Label: Component

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: comp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
94	mi_soil_management_group	misoimgmtgrp	MI Soil Mgmt Grp	Unordered Code		No	RV	No
95	va_soil_management_group	vasoimgtgrp	VA Soil Mgmt Grp	Ordered Code		No	RV	No
96	sir_number	s5id	SIR #	Varchar	6	No	N.A.	No
97	data_mapunit_iid_ref	dmuiidref	Migrated Data Mapunit Rec ID	Integer		Yes	N.A.	No
98	component_iid	coiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component table lists the named soils and included soils in each mapunit. If the Component % is greater than zero (low=65, RV=75, high=90) for a component, that component exists in every delineation of that mapunit. If the Component % includes zero (low=0, RV=50, high=90), the component may exist in some delineations, but not in others.

Table Structure Report

Logical Table Name: component_canopy_cover
Physical Table Name: cocanopycover
Table Label: Component Canopy Cover

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ccancov

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	plant_species_cover_percent	plantcov	Canopy Cover %	Smallint		No	RV	No
3	local_plant_iid_ref	lplantiidref	Local Plant Symbol	Integer		Yes	N.A.	No
4	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
5	comp_canopy_cover_iid	cocanopycoviid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Canopy Cover table lists the plants that typically occur on this component in this mapunit. The rows in this table, as a group, describe the representative situation for this component in this mapunit.

Table Structure Report

Logical Table Name: component_crop_yield
Physical Table Name: cocropyld
Table Label: Component Crop Yield

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ccrpyd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	crop_name	cropname	Crop Name	Unordered Code		No	List	No
3	crop_yield_units	yldunits	Units	Unordered Code		No	List	No
4	nonirr_crop_yield	nonirryield	Nirr Yield	Smallfloat		No	H, L, RV	No
5	irrigated_crop_yield	irryield	Irr Yield	Smallfloat		No	H, L, RV	No
6	crop_productivity_index	cropprodindex	Prod Index	Smallint		No	N.A.	No
7	va_soil_productivity_group	vasoiprdgrp	VA Soil Prod Grp	Ordered Code		No	RV	No
8	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
9	comp_crop_yield_iid	cocropyldiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Crop Yield table lists commonly grown crops and their expected range in yields when grown on this component in this mapunit.

Table Structure Report

Logical Table Name: component_diagnostic_features
Physical Table Name: codiagfeatures
Table Label: Component Diagnostic Features

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cdfeat

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	diag_horz_feat_kind	featkind	Kind	Unordered Code		No	List	No
3	diag_horz_feat_depth_to_top	featdept	Top Depth	Smallint		No	H, L, RV	No
4	diag_horz_feat_depth_to_botm	featdepb	Bottom Depth	Smallint		No	H, L, RV	No
5	diag_horz_feat_thickness	featthick	Thickness	Smallint		No	H, L, RV	No
6	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
7	comp_diagnostic_features_iid	codiagfeatiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Diagnostic Features table lists the typical features, such as ochric epipedon or cambic horizon, for this component in this data mapunit. The rows in this table, as a group, describe the representative situation for this component in this data mapunit.

Table Structure Report

Logical Table Name: component_ecological_site
Physical Table Name: coecosite
Table Label: Component Ecological Site

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cecosite

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	ecological_site_iid_ref	ecositeiidref	Ecological Site ID	Integer		Yes	N.A.	No
3	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
4	comp_ecological_site_iid	coecositeiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Ecological Site table records the NRCS ecological site(s) associated with a particular data mapunit component. Other vegetative classifications associated with a component are recorded in the Component Other Vegetative Classification table.

For a typical intensity of mapping (Order 2), one and only one NRCS ecological site should be associated with a component. It is permissible to associate more than one ecological site with a component in areas of higher order mapping.

Table Structure Report

Logical Table Name: component_erosion_accelerated
Physical Table Name: coerosionacc
Table Label: Component Erosion Accelerated

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cerosnac

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	erosion_accelerated_kind	erokind	Kind	Unordered Code		No	List, RV	No
3	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
4	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
5	comp_erosion_accelerated_iid	coeroacciid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Erosion Accelerated table lists the kinds of accelerated erosion that occur on this component in this mapunit. One row in this table is marked as the representative kind of accelerated erosion for this component.

Table Structure Report

Logical Table Name: component_existing_plants
Physical Table Name: coeplants
Table Label: Component Existing Plants

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ceplants

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	local_plant_iid_ref	lplantiidref	Local Plant Symbol	Integer		Yes	N.A.	No
3	forest_understory_prod_pct	forestunprod	Understory Prod %	Smallint		No	RV	No
4	rangeland_prod_percent	rangeprod	Range Prod %	Smallint		No	RV	No
5	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
6	comp_existing_plants_iid	coeplantsiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Existing Plants table lists the plants, either rangeland or forestland, that typically occur on this component in this data mapunit. The rows in this table, as a group, describe the representative situation for this component in this data mapunit.

Table Structure Report

Logical Table Name: component_forest_prod
Physical Table Name: coforprod
Table Label: Component Forest Productivity

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cfprod

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	local_plant_iid_ref	lplantiidref	Local Plant Symbol	Integer		Yes	N.A.	No
3	site_index_base	siteindexbase	Site Index Base	Unordered Code		No	N.A.	No
4	site_index	siteindex	Site Index	Smallint		No	H, L, RV	No
5	forest_productivity	fprod	Productivity ft3/ac/yr CMAI	Smallfloat		No	H, L, RV	No
6	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
7	comp_forest_prod_iid	cofprodiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Forest Productivity table lists the site index and the annual productivity in cubic feet per acre per year (CAMI) of forest overstory tree species that typically occur on this component in this mapunit.

Table Structure Report

Logical Table Name: component_forest_prod_other
Physical Table Name: coforprodo
Table Label: Component Forest Productivity - Other

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cfprodo

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	site_index_base	siteindexbase	Site Index Base	Unordered Code		No	N.A.	No
3	site_index	siteindex	Site Index	Smallint		No	H, L, RV	No
4	forest_productivity	fprod	Productivity	Smallfloat		No	H, L, RV	No
5	forest_productivity_units	fprodunits	Units	Unordered Code		No	N.A.	No
6	comp_forest_prod_iid_ref	cofprodiidref	Migrated Forest Productivity Rec ID	Integer		Yes	N.A.	No
7	comp_forest_prod_other_iid	cofprodoiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Forest Productivity - Other table lists the site index and annual productivity of forest overstory tree species in units other than cubic feet per acre per year for trees that typically occur on this component in this mapunit.

Table Structure Report

Logical Table Name: component_geomorph_desc
Physical Table Name: cogeomordesc
Table Label: Component Geomorphic Description

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cgeomord

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	geomorph_feat_type_iid_ref	geomftiidref	Feature Type	Integer		Yes	N.A.	No
3	geomorph_feat_iid_ref	geomfiidref	Feature Name	Integer		Yes	N.A.	No
4	geomorph_feat_modifier	geomfmod	Feature Modifier	Varchar	60	No	N.A.	No
5	geomorphic_feat_id	geomfeatid	Feature ID	Smallint		No	N.A.	No
6	exists_on_feature	existsonfeat	Exists On Feature ID	Smallint		No	N.A.	No
7	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
8	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
9	comp_geomorph_desc_iid	cogeomdiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Geomorphic Description table lists the geomorphic features on which this component occurs when mapped in this data mapunit.

Table Structure Report

Logical Table Name: component_interp
Physical Table Name: cointerp
Table Label: Component Interpretation

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cinterp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	interpretation_kind	interpkind	Kind	Unordered Code		No	RV	No
3	interpretation_rating	interprating	Rating	Unordered Code		No	RV	No
4	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
5	comp_interp_iid	coiiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Interpretation table lists the predictions of behavior for specified uses made for this component in this data mapunit.

Table Structure Report

Logical Table Name: component_interp_restriction
Physical Table Name: cointerprestric
Table Label: Component Interpretation Restriction

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cirstrct

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	interpretation_restriction	interprestrict	Restriction	Unordered Code		No	RV	No
3	comp_interp_iid_ref	coiiidref	Migrated Interpretation Rec ID	Integer		Yes	N.A.	No
4	comp_interp_reason_iid	coireasoniid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Interpretation Restriction table lists the soil features that caused a limitation rating for this specific use. If there is no limitation for the specific use, this table has no rows.

Table Structure Report

Logical Table Name: component_month
Physical Table Name: comonth
Table Label: Component Month

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cmonth

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	month	month	Month	Ordered Code		No	N.A.	No
3	flooding_frequency_class	flodfreqcl	Flooding Frequency	Ordered Code		No	RV	No
4	flooding_duration_class	floddurcl	Flooding Duration	Ordered Code		No	RV	No
5	ponding_frequency_class	pondfreqcl	Ponding Frequency	Ordered Code		No	RV	No
6	ponding_duration_class	ponddurcl	Ponding Duration	Ordered Code		No	RV	No
7	ponding_depth	ponddep	Ponding Depth	Smallint		No	H, L, RV	No
8	daily_avg_precip	dlyavgprecip	Daily Precip	Smallint		No	H, L, RV	No
9	daily_avg_pot_evapotrans	dlyavgpotet	Daily ET	Smallint		No	H, L, RV	No
10	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
11	comp_month_iid	comonthiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Month lists the monthly flooding and ponding characteristics for this component in this mapunit. This table has one row for each month of the year.

Table Structure Report

Logical Table Name: component_other_veg_class
Physical Table Name: coothvegclass
Table Label: Component Other Vegetative Classification

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: covegcl

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	oth_veg_class_type_iid_ref	ovegcltypiidref	Other Veg Class Type Name	Integer		Yes	N.A.	No
3	oth_veg_class_iid_ref	ovegcliidref	Other Veg Class ID	Integer		Yes	N.A.	No
4	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
5	comp_other_veg_class_iid	coovegcliid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Other Vegetative Classification table records vegetative classifications associated with a particular data mapunit component, other than the NRCS concept of an ecological site. The NRCS ecological site(s) associated with a particular component is recorded in the Component Ecological Site table.

The primary reason for the existence of the Component Other Vegetative Classification table is the need to record the U.S. Forest Service concept of ecological site or habitat type.

Table Structure Report

Logical Table Name: component_parent_material
Physical Table Name: copm
Table Label: Component Parent Material

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cpmat

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	parent_material_order	pmorder	Vertical Order	Smallint		No	N.A.	No
3	parent_material_modifier	pmmodifier	Textural Modifier	Unordered Code		No	N.A.	No
4	parent_material_general_mod	pmgenmod	General Modifier	Varchar	60	No	N.A.	No
5	parent_material_kind	pmkind	Kind	Unordered Code		No	List	No
6	parent_material_origin	pmorigin	Origin	Unordered Code		No	List	No
7	comp_parent_mat_grp_iid_ref	copmgrpiidref	Migrated Parent Material Group Rec ID	Integer		Yes	N.A.	No
8	comp_parent_material_iid	copmiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Parent Material table lists the individual parent materials for the Group Name shown above in the Component Parent Material Group table.

Table Structure Report

Logical Table Name: component_parent_material_grp
Physical Table Name: copmgrp
Table Label: Component Parent Material Group

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cpmatgrp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	parent_material_group_name	pmgroupname	Group Name	Varchar	252	No	List, RV	Yes
3	rv_indicator	rvindicator	RV?	Boolean		Yes	N.A.	No
4	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
5	comp_parent_mat_grp_iid	copmgrpiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Parent Material Group table lists the range of parent materials in which this component formed when mapped in this data mapunit. For example, a component formed in one parent material, such as loess, or one vertical sequence of parent materials, such as loamy glacial drift over silty residuum weathered from shale, has one row in this table. A component formed in one parent material in some delineations of this data mapunit, but another parent material (or sequence of parent materials) in other delineations has two rows in this table, one for each parent material (or sequence of parent materials). One row is identified as the representative parent material.

Table Structure Report

Logical Table Name: component_pedon
Physical Table Name: copedon
Table Label: Component Pedon

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cpedon

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	pedon_iid_ref	peiidref	User Pedon ID	Integer		Yes	N.A.	No
3	rv_indicator	rvindicator	Rep Pedon?	Boolean		No	N.A.	No
4	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
5	comp_pedon_iid	copedoniid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table lists the pedon descriptions used to establish the range in characteristics (and representative values) for the associated component in the Component table. One of the pedons listed (and only one) may be identified as representative for the component.

Table Structure Report

Logical Table Name: component_potential_windbreak
Physical Table Name: copwindbreak
Table Label: Component Potential Windbreak

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cpwndbrk

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	windbreak_tree_height	wndbrkht	Height	Smallfloat		No	H, L, RV	No
3	local_plant_iid_ref	lplantiidref	Local Plant Symbol	Integer		Yes	N.A.	No
4	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
5	comp_potential_windbreak_iid	copwindbreakiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Potential Windbreak table lists the windbreak plant species commonly recommended for this component in this mapunit. A windbreak plant listed in this table may be used alone or in combination with other plants.

Table Structure Report

Logical Table Name: component_restrictions
Physical Table Name: corestrictions
Table Label: Component Restrictions

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: crstrcts

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	restriction_kind	reskind	Kind	Unordered Code		No	List	No
3	restriction_hardness	reshard	Hardness	Ordered Code		No	RV	No
4	restriction_depth_to_top	resdept	Top Depth	Smallint		No	H, L, RV	No
5	restriction_depth_to_bottom	resdepb	Bottom Depth	Smallint		No	H, L, RV	No
6	restriction_thickness	resthk	Thickness	Smallint		No	H, L, RV	No
7	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
8	comp_restrictions_iid	corestrictiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Restrictions table lists the root restrictive features or layers for this component in this data mapunit. If the thickness of the restrictive layer is greater than zero (low=5, RV=8, high=10), the restrictive layer exists in all delineations of this data mapunit where this component occurs. If the thickness of the restrictive layer includes zero (low=0, RV=2, high=5), this restrictive layer may exist in some delineations, but not in others. This table will be empty if the component does not have restrictive features, but could have several rows if several restrictive layers occur in the soil.

Table Structure Report

Logical Table Name: component_soil_moisture
Physical Table Name: cosoilmoist
Table Label: Component Soil Moisture

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: csmoist

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	soil_moist_depth_to_top	soimoistdept	Top Depth	Smallint		No	H, L, RV	No
3	soil_moist_depth_to_bottom	soimoistdepb	Bottom Depth	Smallint		No	H, L, RV	No
4	soil_moisture_status	soimoiststat	Moisture Status	Unordered Code		No	N.A.	No
5	comp_month_iid_ref	comonthiidref	Migrated Month Rec ID	Integer		Yes	N.A.	No
6	comp_soil_moisture_iid	cosoilmoistiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Soil Moisture table describes the typical soil moisture profile in this component during the month shown above in the Component Month table. The soil moisture profiles for each month, taken as a group of twelve months, describe the representative situation for this component in this data mapunit.

Table Structure Report

Logical Table Name: component_soil_temperature
Physical Table Name: cosoiltemp
Table Label: Component Soil Temperature

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: cstemp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	soil_temperature_mean_monthly	soitempmm	Monthly Temp	Smallint		No	RV	No
3	soil_temp_depth_to_top	soitempdept	Top Depth	Smallint		No	H, L, RV	No
4	soil_temp_depth_to_bottom	soitempdepb	Bottom Depth	Smallint		No	H, L, RV	No
5	comp_month_iid_ref	comonthiidref	Migrated Month Rec ID	Integer		Yes	N.A.	No
6	comp_soil_temperature_iid	cosoiltempiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Soil Temperature table describes the typical soil temperature profile in this component during the month shown above in the Component Month table. The soil temperature profiles for each month, taken as a group of twelve months, describe the representative situation for this component in this data mapunit.

Table Structure Report

Logical Table Name: component_surface_fragments
Physical Table Name: cosurffrags
Table Label: Component Surface Fragments

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: csfrags

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	surface_frag_cover_percent	sfragcov	Cover %	Smallfloat		No	H, L, RV	No
3	mean_distance_between_rocks	distrocks	Spacing	Smallfloat		No	H, L, RV	No
4	surface_frag_kind	sfragkind	Kind	Unordered Code		No	List	No
5	surface_frag_size	sfragsize	Size	Smallint		No	H, L, RV	No
6	surface_frag_shape	sfragshp	Shape	Unordered Code		No	List	No
7	surface_frag_roundness	sfraground	Roundness	Unordered Code		No	RV	No
8	surface_frag_hardness	sfraghard	Hardness	Ordered Code		No	RV	No
9	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
10	comp_surface_fragments_iid	cosurffragsiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Surface Fragments table lists the organic or mineral fragments on the surface of the soil. If the cover percent is greater than zero (low=0.1, RV=1, high=3) for a row in this table, the fragment is in every delineation of this data mapunit where this component occurs. If the Cover % includes zero (low=0, RV=0.01, high=1) for a row in this table, the fragment may exist in some delineations and not in others.

Table Structure Report

Logical Table Name: component_surface_morph_gc
Physical Table Name: cosurfmorphgc
Table Label: Component Three Dimensional Surface Morphometry

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: csmorgc

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	geomorphic_position_mountains	geomposmntn	Geomorphic Component - Mountains	Unordered Code		No	N.A.	No
3	geomorphic_position_hills	geomposhill	Geomorphic Component - Hills	Unordered Code		No	N.A.	No
4	geomorphic_position_terraces	geompostrce	Geomorphic Component - Terraces	Unordered Code		No	N.A.	No
5	geomorphic_position_flats	geomposflats	Geomorphic Component - Flats	Unordered Code		No	N.A.	No
6	comp_geomorph_desc_iid_ref	cogeomdiidref	Migrated Geomorphic Description Rec ID	Integer		Yes	N.A.	No
7	comp_surface_morph_gc_iid	cosurfmorgciid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Three Dimensional Surface Morphometry table lists the typical geomorphic position (or positions) of the component, in three dimension terms. The geomorphic position(s) listed in this table apply to the geomorphic feature shown above in the Component Geomorphic Description table.

Table Structure Report

Logical Table Name: component_surface_morph_hpp
Physical Table Name: cosurfmorphhpp
Table Label: Component Two Dimensional Surface Morphometry

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: csmorhpp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	hillslope_profile	hillslopeprof	Hillslope Profile	Unordered Code		No	N.A.	No
3	comp_geomorph_desc_iid_ref	cogeomdiidref	Migrated Geomorphic Description Rec ID	Integer		Yes	N.A.	No
4	comp_surface_morph_hpp_iid	cosurfmorhppiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Two Dimensional Surface Morphometry table lists the geomorphic position (or positions) of the component, in two dimensional hillslope profile terms. The geomorphic position(s) listed in this table apply to the geomorphic feature shown above in the Component Geomorphic Description table.

Table Structure Report

Logical Table Name: component_surface_morph_mr
Physical Table Name: cosurfmorphmr
Table Label: Component Microrelief Surface Morphometry

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: csmormr

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	geomorph_micro_relief	geomicrorelief	Microrelief Kind	Unordered Code		No	N.A.	No
3	comp_geomorph_desc_iid_ref	cogeomdiidref	Migrated Geomorphic Description Rec ID	Integer		Yes	N.A.	No
4	comp_surface_morph_mr_iid	cosurfmormriid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Microrelief Surface Morphometry table lists the geomorphic position (or positions) of the component, in microrelief terms. The microrelief terms listed here apply to the geomorphic (microrelief) feature shown above in the Component Geomorphic Description table.

Table Structure Report

Logical Table Name: component_surface_morph_ss
Physical Table Name: cosurfmorphss
Table Label: Component Slope Shape Surface Morphometry

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: csmorss

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	shape_across	shapeacross	Slope Shape Across	Unordered Code		No	N.A.	No
3	shape_down	shapedown	Slope Shape Up/Down	Unordered Code		No	N.A.	No
4	comp_geomorph_desc_iid_ref	cogeomdiidref	Migrated Geomorphic Description Rec ID	Integer		Yes	N.A.	No
5	comp_surface_morph_ss_iid	cosurfmorssiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Slope Shape Surface Morphometry table lists the geomorphic shape (or shapes) of the component, in slope shape terms. The slope shape terms listed in this table apply to the geomorphic feature shown above in the Component Geomorphic Description table.

Table Structure Report

Logical Table Name: component_tax_fam_mineralogy
Physical Table Name: cotaxfmmin
Table Label: Component Taxonomic Family Mineralogy

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ctxfmmin

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	taxonomic_family_mineralogy	taxminalogy	Mineralogy	Unordered Code		No	List	No
3	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
4	comp_tax_fam_min_iid	cotaxfmminiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Taxonomic Family Mineralogy table lists the mineralogy characteristics that apply to this component. The characteristics listed in this table, as a group, describe the representative situation for this component in this data mapunit.

Table Structure Report

Logical Table Name: component_tax_fam_other
Physical Table Name: cotxfmother
Table Label: Component Taxonomic Family Other Criteria

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ctxfmoth

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	taxonomic_family_other	taxfamother	Family Other	Unordered Code		No	List	No
3	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
4	comp_tax_fam_other_iid	cotaxfoiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Taxonomic Family Other Criteria table lists the other taxonomic characteristics, such as classes of coatings or permanent cracks, that apply to the component. The characteristics listed in this table, as a group, describe the representative situation for this component in this data mapunit.

Table Structure Report

Logical Table Name: component_tax_moisture_class
Physical Table Name: cotaxmoistcl
Table Label: Component Taxonomic Moisture Class

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ctxmoicl

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	taxonomic_moisture_class	taxmoistcl	Moisture Class	Unordered Code		No	List, RV	No
3	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
4	comp_tax_moisture_class_iid	cotaxmciid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Taxonomic Moisture Class table provides clear identification of the intended taxonomic moisture class, even though moisture class is implied at a higher taxonomic level. The class or classes listed in this table describe the representative situation for the component in this data mapunit.

Table Structure Report

Logical Table Name: component_text
Physical Table Name: cotext
Table Label: Component Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ctext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	component_text_kind	comptextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
9	comp_text_iid	cotextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Text table contains notes and narrative descriptions for this component. Component text is typically used to document rationale for edits to component data elements, but is optional. In many cases, the table will be empty.

Table Structure Report

Logical Table Name: component_trees_to_manage
Physical Table Name: cotreestomng
Table Label: Component Trees To Manage

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ctreestm

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	local_plant_iid_ref	lplantiidref	Local Plant Symbol	Integer		Yes	N.A.	No
3	component_iid_ref	coiidref	Migrated Component Rec ID	Integer		Yes	N.A.	No
4	comp_trees_to_plant_iid	cotreestopiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Component Recommended Trees To Manage table lists the trees commonly recommended for managing on this component in this data mapunit.

Table Structure Report

Logical Table Name: correlation
Physical Table Name: correlation
Table Label: Correlation

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: correlat

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	data_mapunit_iid_ref	dmuiidref	DMU ID	Integer		Yes	N.A.	No
3	representative_dmu	repdmu	Rep DMU	Boolean		Yes	N.A.	No
4	mapunit_constituent_acres	muconacres	Constituent Acres	Integer		No	N.A.	No
5	mapunit_iid_ref	muiidref	Migrated Mapunit Rec ID	Integer		Yes	N.A.	No
6	correlation_iid	corriid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Correlation table links the mapunit symbol shown above in the Mapunit table to its representative data mapunit, thus providing map unit composition and characteristics for this mapunit. This table may also link the mapunit symbol to other non-representative data mapunits, thus providing for correlation of older additional symbols used in this legend.

Table Structure Report

Logical Table Name: data_mapunit
Physical Table Name: datamapunit
Table Label: Data Mapunit

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: dmu

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	data_mapunit_iid	dmuiid	DMU ID	Integer		Yes	N.A.	No
2	data_mapunit_description	dmudesc	DMU Description	Varchar	60	No	N.A.	No
3	farmland_classification	farmlndcl	Farm Class	Unordered Code		No	RV	No
4	mapunit_hel_class	muhelcl	HEL	Ordered Code		No	RV	No
5	mapunit_hel_class_water	muwathelcl	HEL Water	Ordered Code		No	RV	No
6	mapunit_hel_class_wind	muwndhelcl	HEL Wind	Ordered Code		No	RV	No
7	dmu_interpretive_focus	dmuinterpfocus	Interpretive Focus	Varchar	30	No	N.A.	No
8	dmu_investigation_intensity	dmuinvesintens	Order of Mapping	Ordered Code		No	N.A.	No
9	ia_corn_suitability_rating	iacornsr	IA CSR	Smallint		No	RV	No
10	nh_important_forest_soil_group	nhiforsoigrp	NH Forest Soil Grp	Unordered Code		No	RV	No
11	nh_spi_for_agriculture	nhspiagr	NH SPI Agr	Float		No	RV	No
12	vt_septic_system_class	vtsepticsyscl	VT Septic System	Unordered Code		No	RV	No
13	dmu_certification_status	dmucertstat	DMU Certification Status	Unordered Code		No	N.A.	No
14	dmu_database_iid_ref	dmudbiidref	DMU Site	Smallint		Yes	N.A.	No
15	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
16	user_iid_ref	useriidref	User	Integer		No	N.A.	No
17	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No

Table Description:

The Data Mapunit table lists data mapunits and the owner of each data mapunit. The data mapunit object includes the relative extent, physical and chemical properties, interpretations, and other features for each component in the map unit. Data mapunits are linked to mapunit symbols and names through the Correlation table.

Table Structure Report

Logical Table Name: data_mapunit_crop_yield
Physical Table Name: dmucropyld
Table Label: Data Mapunit Crop Yield

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: dmucrpyd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	crop_name	cropname	Crop Name	Unordered Code		No	List	No
3	crop_yield_units	yldunits	Units	Unordered Code		No	List	No
4	nonirr_crop_yield	nonirryield	Nirr Yield	Smallfloat		No	H, L, RV	No
5	irrigated_crop_yield	irryield	Irr Yield	Smallfloat		No	H, L, RV	No
6	data_mapunit_iid_ref	dmuiidref	Migrated Data Mapunit Rec ID	Integer		Yes	N.A.	No
7	dmu_crop_yield_iid	dmucrpyldiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Data Mapunit Crop Yield table lists commonly grown crops and their expected yields for this data mapunit.

Table Structure Report

Logical Table Name: data_mapunit_text
Physical Table Name: dmutext
Table Label: Data Mapunit Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: dmutext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	data_mapunit_text_kind	dmutextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	data_mapunit_iid_ref	dmuiidref	Migrated Data Mapunit Rec ID	Integer		Yes	N.A.	No
9	dmu_text_iid	dmutextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Data Mapunit Text table contains notes and narrative descriptions for this data mapunit. Data mapunit text is optional. In many cases, this table is empty.

Table Structure Report

Logical Table Name: database
Physical Table Name: dd_db
Table Label: NASIS Site

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: database

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	database_name	dbname	NASIS Site Name	Varchar	30	Yes	N.A.	No
2	database_description	dbdesc	Description	Varchar	60	No	N.A.	No
3	database_state	dbstate	State	Unordered Code		No	N.A.	No
4	database_county	dbcounty	County	Varchar	30	No	N.A.	No
5	database_city	dbcity	City	Varchar	30	No	N.A.	No
6	database_office_type	dbofftype	Off Type	Unordered Code		No	N.A.	No
7	database_contact	dbcontact	Contact	Varchar	30	No	N.A.	No
8	database_phone	dbphone	Phone	Varchar	20	No	N.A.	No
9	group_iid_ref	grpiidref	Security Group	Integer		Yes	N.A.	No
10	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
11	database_iid	dbiid	Rec ID	Smallint		Yes	N.A.	No

Table Description:

The NASIS Site table lists all of the NASIS Sites known to the NASIS Central Server. This table is part of the NASIS security system.

A NASIS Site can be edited, but only by a user who is a member of the group identified in the Security Group column.

Table Structure Report

Logical Table Name: distribution_comp_metadata
Physical Table Name: distcompmd
Table Label: Distribution Component Metadata

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: distcmd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	data_mapunit_iid_ref	dmuiidref	Data Mapunit Rec ID	Integer		Yes	N.A.	No
2	component_iid_ref	coiidref	Component Rec ID	Integer		Yes	N.A.	No
3	component_name	compname	Component Name	Varchar	60	No	N.A.	No
4	component_percent	comppct	Comp %	Smallint		No	H, L, RV	No
5	component_kind	compkind	Taxon Kind	Unordered Code		No	N.A.	No
6	local_phase	localphase	Local Phase	Varchar	40	No	N.A.	No
7	class_determining_phase	otherph	SIR phase	Varchar	40	No	N.A.	No
8	major_component_flag	majcompflag	Major Component	Boolean		No	N.A.	No
9	dist_mapunit_md_iid_ref	distmumdiidref	Migrated Distribution Map Unit Metadata Rec ID	Integer		Yes	N.A.	No
10	dist_comp_md_iid	distcompmdiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Distribution Component Metadata table records information about the map unit components selected for inclusion in a set of distributed data. A set of distribution data may include only selected map units from a legend or legends, and only selected components of those map units. The record of the criteria used for selecting map units and components may be found in the Distribution Metadata table.

Table Structure Report

Logical Table Name: distribution_interp_metadata
Physical Table Name: distinterpmd
Table Label: Distribution Interp Metadata

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: distimd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	rule_iid_ref	ruleiidref	Rule Rec ID	Integer		Yes	N.A.	No
2	rule_name	rulename	Rule Name	Varchar	60	No	N.A.	No
3	rule_description	ruledesc	Description	Text		No	N.A.	No
4	data_approved_for_use	dataafuse	Ready to use?	Boolean		No	N.A.	No
5	most_recent_rule_comp_wlu	mrecentrulecwlu	Most Recent Rule Component When Last Updated	Datetime		No	N.A.	No
6	dist_md_iid_ref	distmdiidref	Migrated Distribution Metadata Rec ID	Integer		Yes	N.A.	No
7	dist_interp_md_iid	distinterpmdiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Distribution Interp Metadata table records the set of which NASIS fuzzy logic interpretations were generated for the map unit components included in a set of distribution data.

Table Structure Report

Logical Table Name: distribution_legend_metadata
Physical Table Name: distlegendmd
Table Label: Distribution Legend Metadata

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: distlmd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	legend_iid_ref	liidref	Legend Rec ID	Integer		Yes	N.A.	No
2	area_type_name	areatypename	Area Type Name	Varchar	45	No	N.A.	No
3	area_symbol	areasymbol	Area Symbol	Varchar	20	No	N.A.	No
4	area_name	areaname	Area Name	Varchar	135	No	N.A.	No
5	legend_description	legenddesc	Legend Description	Varchar	60	No	N.A.	No
6	soil_survey_area_status	ssastatus	Survey Status	Unordered Code		No	N.A.	No
7	correlation_date	cordate	Correlation Date	Datetime		No	N.A.	No
8	legend_certification_status	legendcertstat	Legend Certification Status	Unordered Code		No	N.A.	No
9	legend_suitability_for_use	legendsuituse	Geographic Applicability	Unordered Code		No	N.A.	No
10	export_certification_status	exportcertstatus	Export Certification Status	Unordered Code		No	N.A.	No
11	export_certification_date	exportcertdate	Export Certification Date	Date		No	N.A.	No
12	export_metadata	exportmetadata	Export Metadata	Text		No	N.A.	No
13	legend_when_last_updated	legendwlupdated	Legend Last Updated	Datetime		No	N.A.	No
14	most_recent_dmu_wlu	mostrecentdmuwlu	Most Recent Data Mapunit When Last Updated	Datetime		No	N.A.	No
15	legend_total_mapunits	legendtotalmus	Legend Total Mapunits	Integer		No	N.A.	No
16	total_exported_mapunits	totalexportmus	Total Exported Mapunits	Integer		No	N.A.	No
17	legend_total_addtnl_mapunits	legendtotalamus	Legend Total Additional Mapunits	Integer		No	N.A.	No
18	total_exported_addtnl_mapunits	totalexportamus	Total Exported Additional Mapunits	Integer		No	N.A.	No
19	total_exported_data_mapunits	totalexportdmus	Total Exported Data Mapunits	Integer		No	N.A.	No
20	dist_md_iid_ref	distmdiidref	Migrated Distribution Metadata Rec ID	Integer		Yes	N.A.	No
21	dist_legend_md_iid	distlegendmdiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Distribution Legend Metadata table records information about the legends or soil survey areas selected for inclusion in a set of distributed data. The presence of a legend in this table does not imply that all of the available data for that legend was included in the set of data that was distributed. Only certain map units and components for that legend may have been selected. The record of the criteria used for selecting map units and components may be found in the Distribution Metadata table.

Table Structure Report

Logical Table Name: distribution_mapunit_metadata
Physical Table Name: distmapunitmd
Table Label: Distribution Mapunit Metadata

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: distmmd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	legend_iid_ref	liidref	Legend Rec ID	Integer		Yes	N.A.	No
2	mapunit_iid_ref	muiidref	Mapunit Rec ID	Integer		Yes	N.A.	No
3	mapunit_symbol	musym	Mapunit Symbol	Varchar	6	No	N.A.	No
4	mapunit_status	mustatus	Status	Unordered Code		No	N.A.	No
5	mapunit_name	muname	Mapunit Name	Varchar	175	No	N.A.	No
6	corr_to_mapunit_iid_ref	corrtomuiidref	Correlated To Mapunit Rec ID	Integer		No	N.A.	No
7	corr_to_mapunit_symbol	corrtomusym	Correlated To Mapunit Symbol	Varchar	6	No	N.A.	No
8	corr_to_mapunit_status	corrtomustatus	Correlated To Status	Unordered Code		No	N.A.	No
9	corr_to_mapunit_name	corrtomuname	Correlated To Mapunit Name	Varchar	175	No	N.A.	No
10	data_mapunit_iid_ref	dmuiidref	Data Mapunit Rec ID	Integer		No	N.A.	No
11	data_mapunit_description	dmudesc	DMU Description	Varchar	60	No	N.A.	No
12	dmu_certification_status	dmucertstat	DMU Certification Status	Unordered Code		No	N.A.	No
13	dmu_when_last_updated	dmuwlupdated	Data Mapunit Last Updated	Datetime		No	N.A.	No
14	no_rep_dmu_reason	norepdmureason	No Representative Data Mapunit Reason	Varchar	254	No	N.A.	No
15	dist_legend_md_iid_ref	distlegendmdiidref	Migrated Distribution Legend Metadata Rec ID	Integer		Yes	N.A.	No
16	dist_mapunit_md_iid	distmumdiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Distribution Mapunit Metadata table records information about the map units selected for inclusion in a set of distributed data. The presence of a map unit in this table does not imply that all of the available data for that map unit was included in the set of data that was distributed. Only certain components for that map unit may have been selected. The record of the criteria used for selecting components may be found in the Distribution Metadata table.

Table Structure Report

Logical Table Name: distribution_metadata
Physical Table Name: distmd
Table Label: Distribution Metadata

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: distmd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	user_name	username	User Name	Varchar	30	Yes	N.A.	No
2	user_e_mail_address	useremailaddr	E-mail Address	Varchar	60	Yes	N.A.	No
3	distribution_request_date	distreqdate	Distribution Request Date	Datetime		Yes	N.A.	No
4	distribution_generation_date	distgendate	Distribution Generation Date	Datetime		No	N.A.	No
5	distribution_status	diststatus	Distribution Status	Unordered Code		Yes	N.A.	No
6	interp_max_reasons	interpmaxreasons	Interpretation Maximum Reasons	Smallint		No	N.A.	No
7	mapunit_selection_criteria	muselectcrit	Mapunit Selection Criteria	Unordered Code		No	N.A.	No
8	mapunit_status_provsnl_boolean	mustatprovsnlbool	Mapunit Status Provisional Boolean	Boolean		No	N.A.	No
9	mapunit_status_apprvd_boolean	mustatapprvdbool	Mapunit Status Approved Boolean	Boolean		No	N.A.	No
10	mapunit_status_corr_boolean	mustatcorrbool	Mapunit Status Correlated Boolean	Boolean		No	N.A.	No
11	mapunit_status_addtnl_boolean	mustataddtnlbool	Mapunit Status Additional Boolean	Boolean		No	N.A.	No
12	addtnl_mu_dmu_select_criteria	addtnlmudmuselcrit	Additional Mapunit Data Mapunit Selection Criteria	Unordered Code		No	N.A.	No
13	component_selection_criteria	compselectcrit	Component Selection Criteria	Unordered Code		No	N.A.	No
14	minimum_percent_comp	minpctcomp	Minimum Percent Composition	Smallint		No	N.A.	No
15	dmu_selection_criteria	dmuselectcrit	Data Mapunit Selection Criteria	Unordered Code		No	N.A.	No
16	dmu_dcs_notfordist_boolean	dmudcsnfdbool	Data Mapunit Data Certification Status Not For Distribution Boolean	Boolean		No	N.A.	No
17	dmu_dcs_notcert_boolean	dmudcsncbool	Data Mapunit Data Certification Status Not Certified Boolean	Boolean		No	N.A.	No
18	dmu_dcs_partcert_boolean	dmudcspcbool	Data Mapunit Data Certification Status Partly Certified Boolean	Boolean		No	N.A.	No
19	dmu_dcs_cert_boolean	dmudcscbool	Data Mapunit Data Certification Status Certified Boolean	Boolean		No	N.A.	No
20	dist_database_iid_ref	distdbiidref	Distribution Site	Smallint		Yes	N.A.	No
21	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
22	user_iid_ref	useriidref	User	Integer		No	N.A.	No
23	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
24	dist_md_iid	distmdiid	Rec ID	Integer		Yes	N.A.	No

Table Structure Report

Logical Table Name: distribution_metadata
Physical Table Name: distmd
Table Label: Distribution Metadata

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: distmd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?

Table Description:

The Distribution Metadata table records information associated with the selection of a set of data for distribution to some entity or information system external to NASIS. A set of distribution data may include only selected map units from a legend or legends, and only selected components of those map units. This table records the criteria used for selecting map units and components for inclusion in the set of distributed data. Other recorded information includes the name of the NASIS user who initiated a distribution request, and the times when that request was made, and when that request was ultimately processed.

Table Structure Report

Logical Table Name: distribution_text_metadata
Physical Table Name: disttextmd
Table Label: Distribution Text Metadata

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: disttmd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	table_label	tablab	Table Label	Varchar	80	Yes	N.A.	No
2	text_kind_string	textkindstring	Text Kind String	Varchar	128	Yes	N.A.	No
3	dist_md_iid_ref	distmdiidref	Migrated Distribution Metadata Rec ID	Integer		Yes	N.A.	No
4	dist_text_md_iid	disttextmdiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Distribution Text Metadata table records which kinds of text entries were included in a distribution.

Table Structure Report

Logical Table Name: ecological_site
Physical Table Name: ecologicalsite
Table Label: Ecological Site

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ecosite

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	ecological_site_id	ecositeid	Ecological Site ID	Character	11	Yes	N.A.	No
2	ecological_site_name	ecositenm	Ecological Site Name	Varchar	254	No	N.A.	Yes
3	ecological_site_type	ecositetype	Ecological Site Type	Unordered Code		Yes	N.A.	No
4	ecological_site_mlra	ecositemlra	Ecological Site MLRA	Unordered Code		Yes	N.A.	No
5	ecological_site_lru	ecositelru	Ecological Site LRU	Unordered Code		Yes	N.A.	No
6	ecological_site_number	ecositenumber	Ecological Site Number	Smallint		Yes	N.A.	No
7	ecological_site_state	ecositestate	Ecological Site State	Unordered Code		Yes	N.A.	No
8	ecological_site_primary_name	ecositepnm	Ecological Site Primary Name	Varchar	100	No	N.A.	No
9	ecological_site_secondary_name	ecositesnm	Ecological Site Secondary Name	Varchar	30	No	N.A.	No
10	ecological_site_tertiary_name	ecositetnm	Ecological Site Tertiary Name	Varchar	30	No	N.A.	No
11	ecological_site_tree1	ecositetree1	Ecological Site Tree 1	Varchar	127	No	N.A.	No
12	ecological_site_tree2	ecositetree2	Ecological Site Tree 2	Varchar	127	No	N.A.	No
13	ecological_site_shrub1	ecositeshrub1	Ecological Site Shrub 1	Varchar	127	No	N.A.	No
14	ecological_site_shrub2	ecositeshrub2	Ecological Site Shrub 2	Varchar	127	No	N.A.	No
15	ecological_site_herb1	ecositeherb1	Ecological Site Herb 1	Varchar	127	No	N.A.	No
16	ecological_site_herb2	ecositeherb2	Ecological Site Herb 2	Varchar	127	No	N.A.	No
17	ecological_site_db_iid_ref	ecositedbiidref	Ecological Site Site	Smallint		Yes	N.A.	No
18	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
19	user_iid_ref	useriidref	User	Integer		No	N.A.	No
20	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
21	ecological_site_iid	ecositeiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Ecological Site table records the official list of range and forest ecological sites maintained by NRCS and described in the Ecological Site Information System (ESIS). This table records only the identifier and name of an ecological site. The complete ecological site characterization resides in the ESIS database. The official list of ecological sites is maintained in ESIS.

Table Structure Report

Logical Table Name: edit_setup
Physical Table Name: dd_edtsu
Table Label: Edit Setup

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: edtsu

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	edit_setup_name	edtsuname	Edit Setup Name	Varchar	60	Yes	N.A.	No
3	edit_setup_description	edtsudesc	Description	Text		No	N.A.	No
4	edit_setup	editsetup	Edit Setup	Edit Setup		No	N.A.	No
5	edit_setup_database_iid_ref	edtsudbiidref	Edit Setup Site	Smallint		Yes	N.A.	No
6	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
7	user_iid_ref	useriidref	User	Integer		No	N.A.	No
8	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
9	edit_setup_iid	edtsuiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The edit setup table contains edit setup specifications and the owner of each edit setup specification. An edit setup specifies what columns are visible in the NASIS editor, the order in which those columns are displayed and how the rows in a table should be sorted. Users may create new edit setups at any time. Although edit setups are created and edited in this table, a particular edit setup is selected and applied through the Options Menu.

Table Structure Report

Logical Table Name: edit_setup_element
Physical Table Name: dd_edtsuelm
Table Label: Edit Setup Element

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: edtsuelm

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	element_iid	elm_iid	Element Internal ID	Integer		Yes	N.A.	No
2	native_element_iid	natelm_iid	Native Element Internal ID	Integer		Yes	N.A.	No
3	element_qualifier	elmqualifier	Element Qualifier	Integer		Yes	N.A.	No
4	element_position	elmposition	Element Position	Smallint		Yes	N.A.	No
5	element_width	elmwidth	Element Width	Smallint		Yes	N.A.	No
6	element_alignment	elmalign	Element Alignment	Character	1	Yes	N.A.	No
7	element_sort_sequence	elmsortseq	Element Sort Sequence	Smallint		Yes	N.A.	No
8	element_sort_direction	elmsortdir	Element Sort Direction	Character	1	Yes	N.A.	No
9	element_sort_type	elmsorttype	Element Sort Type	Smallint		Yes	N.A.	No
10	edit_setup_table_iid_ref	edtsutabiidref	Migrated Edit Setup Table Rec ID	Integer		Yes	N.A.	No
11	edit_setup_element_iid	edtsuelmiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records edit setup information that pertains to a particular column, such as "is it visible" and what is its width. This table is not visible in the NASIS editor. Its contents are managed though the edit setup editor.

Table Structure Report

Logical Table Name: edit_setup_table
Physical Table Name: dd_edtsutab
Table Label: Edit Setup Table

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: edtsutab

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	table_iid	tbl_iid	Table Internal ID	Integer		Yes	N.A.	No
2	table_number_frozen_column	tabnumfrozcols	Number of Frozen Columns	Smallint		Yes	N.A.	No
3	table_number_visible_columns	tabnumviscols	Number of Visible Columns	Smallint		Yes	N.A.	No
4	table_number_sort_columns	tabnumsortcols	Number of Sort Columns	Smallint		Yes	N.A.	No
5	edit_setup_iid_ref	edtsuiidref	Migrated Edit Setup Rec ID	Integer		Yes	N.A.	No
6	edit_setup_table_iid	edtsutabiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records summary edit setup information that pertains to the table as a whole, such as total number of visible columns. This table is not visible in the NASIS editor. Its contents are managed through the edit setup editor.

Table Structure Report

Logical Table Name: evaluation
Physical Table Name: dd_eval
Table Label: Evaluation

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: eval

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	evaluation_name	evalname	Evaluation Name	Varchar	60	Yes	N.A.	No
3	evaluation_description	evaldesc	Description	Text		No	N.A.	No
4	evaluation	eval	Evaluation	Evaluation		Yes	N.A.	No
5	property_iid_ref	propiidref	Property Name	Integer		Yes	N.A.	No
6	data_approved_for_use	dataafuse	Ready to use?	Boolean		Yes	N.A.	No
7	evaluation_database_iid_ref	evaldbiidref	Evaluation Site	Smallint		Yes	N.A.	No
8	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
9	user_iid_ref	useriidref	User	Integer		No	N.A.	No
10	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
11	evaluation_iid	evaliid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Evaluation table lists the evaluations and the owner of each evaluation. Evaluations are part of the criteria used in making interpretations of soil survey data. Evaluations "evaluate", or give a approximate reasoning value from 0 to 1 to a soil property for use in rules.

Table Structure Report

Logical Table Name: evaluation_text
Physical Table Name: evaluationtext
Table Label: Evaluation Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: evaltext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	text_kind	textkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	evaluation_iid_ref	evaliidref	Migrated Evaluation Rec ID	Integer		Yes	N.A.	No
9	evaluation_text_iid	evaltextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Evaluation Text table contains notes and narrative descriptions for each evaluation script. Text included may be related to edits or changes made to the script. Evaluation text is optional. In many cases, this table is empty.

Table Structure Report

Logical Table Name: geomorph_feature
Physical Table Name: geomorfeat
Table Label: Geomorphic Feature

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: geomorf

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	geomorph_feat_name	geomfname	Feature Name (singular)	Varchar	50	Yes	N.A.	No
3	geomorph_feat_name_plural	geomfnamep	Feature Name (plural)	Varchar	50	No	N.A.	No
4	geomorph_feat_description	geomfdesc	Description	Text		No	N.A.	No
5	obsolete_term	obterm	Obsolete?	Boolean		Yes	N.A.	No
6	field_code	fieldcode	Field Code	Varchar	6	No	N.A.	No
7	notes	notes	Notes	Text		No	N.A.	No
8	geomorph_feat_type_iid_ref	geomftiidref	Migrated Geomorphic Feature Type Rec ID	Integer		Yes	N.A.	No
9	geomorph_feat_iid	geomfiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Geomorphic Feature table lists the terms (drumlin, esker) available to users as a choice list in the Component Geomorphic Description table. The terms displayed in this table relate to the kind of geomorphic feature shown above in the Geomorphic Feature Type table.

Table Structure Report

Logical Table Name: geomorph_feature_type
Physical Table Name: geomorfeattype
Table Label: Geomorphic Feature Type

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: geomorft

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	geomorph_feat_type_name	geomftname	Feature Type	Varchar	30	Yes	N.A.	No
2	geomorph_feat_type_description	geomftdesc	Description	Text		No	N.A.	No
3	obsolete_term	obterm	Obsolete?	Boolean		Yes	N.A.	No
4	field_code	fieldcode	Field Code	Varchar	6	No	N.A.	No
5	notes	notes	Notes	Text		No	N.A.	No
6	geomorph_ft_database_iid_ref	geomftdbiidref	Geomorphic Feature Type Site	Smallint		Yes	N.A.	No
7	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
8	user_iid_ref	useriidref	User	Integer		No	N.A.	No
9	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
10	geomorph_feat_type_iid	geomftiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Geomorphic Feature Type table lists the kinds of geomorphic features (landscapes, landforms, etc.) available to users as a choice list in the Component Geomorphic Description table.

Table Structure Report

Logical Table Name: group
Physical Table Name: dd_grp
Table Label: Group

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: group

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	group_name	grpname	Group	Varchar	30	Yes	N.A.	No
2	group_description	grpdesc	Description	Varchar	60	No	N.A.	No
3	group_contact	grpcontact	Contact	Varchar	30	No	N.A.	No
4	group_phone	grpphone	Phone	Varchar	20	No	N.A.	No
5	database_iid_ref	dbiidref	Migrated NASIS Site	Smallint		Yes	N.A.	No
6	group_iid	grpiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Group table lists the groups established for the database shown in the NASIS Site table.

This table is part of the NASIS security system. It can be edited, but only by a user who is a member of the group identified in the Security Group column in the NASIS Site table.

The Group Table includes one group that has authority to edit the NASIS Site object, which includes the NASIS Site, Group, and Group Member tables. The group name with this authority is typically named "MO-xx Security" or another similar name.

Table Structure Report

Logical Table Name: group_member
Physical Table Name: dd_grpmem
Table Label: Group Member

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: grpmem

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	user_iid_ref	useriidref	User	Integer		Yes	N.A.	No
2	group_iid_ref	grpiidref	Migrated Group Rec ID	Integer		Yes	N.A.	No
3	database_iid_ref	dbiidref	Migrated NASIS Site	Smallint		Yes	N.A.	No
4	group_member_iid	grpmemiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Group Member table lists the users who are members of the group shown in the Group table. This table is part of the NASIS security system. It can be edited, but only by a user who is a member of the group identified in the Security Group column in the NASIS Site table.

Table Structure Report

Logical Table Name: legend
Physical Table Name: legend
Table Label: Legend

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: legend

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	area_type_iid_ref	areatypeiidref	Area Type Name	Integer		Yes	N.A.	No
2	area_iid_ref	areaiidref	Area Symbol	Integer		Yes	N.A.	No
3	mlra_office	mlraoffice	MLRA Office	Unordered Code		No	N.A.	No
4	legend_description	legenddesc	Legend Description	Varchar	60	No	N.A.	No
5	soil_survey_area_status	ssastatus	Survey Status	Unordered Code		No	N.A.	No
6	mou_signed	mousigned	MOU Signed	Date		No	N.A.	No
7	mou_agency_responsible	mouagncyresp	MOU Agency Responsible	Unordered Code		No	N.A.	No
8	mou_projected_completion	mouprojcomp	MOU Projected Completion	Datetime		No	N.A.	No
9	project_scale	projectscale	Project Scale	Integer		No	N.A.	No
10	field_imagery_needed	fldimgryneed	Field Imagery Needed	Datetime		No	N.A.	No
11	field_imagery_ordered	fldimgryorder	Field Imagery Ordered	Datetime		No	N.A.	No
12	field_imagery_received	fldimgryrcvd	Field Imagery Received	Datetime		No	N.A.	No
13	doqs_needed	doqsneed	Digital Ortho Quads Needed	Datetime		No	N.A.	No
14	doqs_ordered	doqsorder	Digital Ortho Quads Ordered	Datetime		No	N.A.	No
15	doqs_received	doqsrcvd	Digital Ortho Quads Received	Datetime		No	N.A.	No
16	compilation_materials_needed	compmatsneed	Compilation Materials Needed	Datetime		No	N.A.	No
17	compilation_materials_ordered	compmatsorder	Compilation Materials Ordered	Datetime		No	N.A.	No
18	compilation_materials_received	compmatsrcvd	Compilation Materials Received	Datetime		No	N.A.	No
19	initial_field_review_completed	initfldrvcomp	Initial Field Review Complete	Date		No	N.A.	No
20	final_field_review_completed	finfldrvcomp	Final Field Review Complete	Date		No	N.A.	No
21	technical_edit_scheduled	techeditsch	Technical Edit Scheduled	Datetime		No	N.A.	No
22	technical_edit_completed	techeditcomp	Technical Edit Completed	Date		No	N.A.	No
23	technical_review_scheduled	techreviewsch	Technical Review Scheduled	Datetime		No	N.A.	No
24	technical_review_completed	techreviewcomp	Technical Review Completed	Date		No	N.A.	No
25	english_edit_received	engeditrcvd	English Edit Received	Datetime		No	N.A.	No
26	english_edit_scheduled	engeditsch	English Edit Scheduled	Datetime		No	N.A.	No
27	english_edit_completed	engeditcomp	English Edit Completed	Date		No	N.A.	No
28	correlation_date	cordate	Correlation Date	Datetime		No	N.A.	No
29	compilation_funding_year	compfundyr	Compilation Funding Year	Datetime		No	N.A.	No
30	compilation_started	compstart	Compilation Started	Date		No	N.A.	No
31	compilation_percent	compilationpct	Compilation Percent	Smallint		No	N.A.	No

Table Structure Report

Logical Table Name: legend
Physical Table Name: legend
Table Label: Legend

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: legend

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
32	compilation_completed	compcomp	Compilation Completed	Date		No	N.A.	No
33	compilation_certification	compcert	Compilation Certification	Date		No	N.A.	No
34	map_finish_method	mapfinishmeth	Map Finish Method	Unordered Code		No	N.A.	No
35	map_finish_started	mapfinishstart	Map Finish Started	Date		No	N.A.	No
36	map_finish_percent	mapfinishpct	Map Finish Progress	Smallint		No	N.A.	No
37	map_finish_completed	mapfinishcomp	Map Finish Completed	Date		No	N.A.	No
38	map_finish_to_ncg	mapfinishtoncg	Map Finish to NCG	Date		No	N.A.	No
39	soil_business_completed	soilbcomp	Soil Business Completed	Date		No	N.A.	No
40	digitizing_funding_year	digfundyr	Digitizing Funding Year	Datetime		No	N.A.	No
41	digitizing_unit	digunit	Digitizing Unit	Unordered Code		No	N.A.	No
42	digitizing_started	digstart	Digitizing Started	Date		No	N.A.	No
43	digitizing_percent	digpct	Digitizing Percent	Smallint		No	N.A.	No
44	digitizing_completed	digcomp	Digitizing Completed	Date		No	N.A.	No
45	ssurgo_initiative	ssurgoinitiative	SSURGO Initiative?	Boolean		No	N.A.	No
46	ssurgo_dig_review_started	ssurgodigrevstart	SSURGO Digital Review Started	Date		No	N.A.	No
47	ssurgo_certification	ssurgocert	SSURGO Certification Date	Date		No	N.A.	No
48	ssurgo_archived	ssurgoarchived	SSURGO Archived	Date		No	N.A.	No
49	legend_suitability_for_use	legendsuituse	Geographic Applicability	Unordered Code		No	N.A.	No
50	legend_certification_status	legendcertstat	Legend Certification Status	Unordered Code		No	N.A.	No
51	export_certification_status	exportcertstatus	Export Certification Status	Unordered Code		No	N.A.	No
52	export_certification_date	exportcertdate	Export Certification Date	Date		No	N.A.	No
53	export_metadata	exportmetadata	Export Metadata	Text		No	N.A.	No
54	legend_database_iid_ref	ldbiidref	Legend Site	Smallint		Yes	N.A.	No
55	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
56	user_iid_ref	useriidref	User	Integer		No	N.A.	No
57	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
58	legend_iid	liid	Rec ID	Integer		Yes	N.A.	No

Table Structure Report

Logical Table Name: legend
Physical Table Name: legend
Table Label: Legend

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: legend

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?

Table Description:

The Legend table lists survey area legends and the owner of each legend. The legend object includes the mapunit symbols, mapunit names, complete correlation history, coincidence with geographic areas, and soil survey operations and management information.

Legends are linked to area types and areas.

Table Structure Report

Logical Table Name: legend_area_overlap
Physical Table Name: laoverlap
Table Label: Legend Area Overlap

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: lareao

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	area_type_iid_ref	areatypeiidref	Area Type Name	Integer		Yes	N.A.	No
3	area_iid_ref	areaiidref	Area Symbol	Integer		Yes	N.A.	No
4	area_overlap_acres	areaovacres	Overlap Acres	Integer		No	N.A.	No
5	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
6	legend_area_overlap_iid	lareaoviid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Legend Area Overlap table lists the geographic areas that are coincident with the soil survey area shown above in the Legend table. For example, a survey area that covers two counties would have two rows in this table, one for each county.

Table Structure Report

Logical Table Name: legend_land_category_breakdown
Physical Table Name: llcbrkdn
Table Label: Legend Land Category Breakdown

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: llcbrkd

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	legend_land_category	llcategory	Land Category	Unordered Code		Yes	N.A.	No
3	legend_land_category_acres	llcatacres	Land Category Acres	Integer		Yes	N.A.	No
4	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
5	legend_land_type_brkdn_iid	lltbrkdniid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records the breakdown of a soil survey area, in acres, by a standard set of land ownership categories.

Table Structure Report

Logical Table Name: legend_mapping_goal
Physical Table Name: lmapgoal
Table Label: Legend Mapping Goal

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: lmapgoal

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	fiscal_year	fiscalyear	Fiscal Year	Datetime		Yes	N.A.	No
3	initial_nrcs_acres_goal	initnrcsacresg	Initial NRCS Acres Goal	Integer		No	N.A.	No
4	initial_cooperator_acres_goal	initcoopacresg	Initial Cooperator Acres Goal	Integer		No	N.A.	No
5	update_nrcs_acres_goal	updtnrcsacresg	Update NRCS Acres Goal	Integer		No	N.A.	No
6	update_cooperator_acres_goal	updtcoopacresg	Update Cooperator Acres Goal	Integer		No	N.A.	No
7	legend_staff_iid_ref	lstaffiidref	Staff Member Name	Integer		No	N.A.	No
8	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
9	legend_mapping_goal_iid	lmapgoaliid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records mapping goals for the soil survey area on a fiscal year basis. Goals for initial mapping are recorded separately from goals for update mapping. A mapping goal may be assigned to an individual member of the soil survey project staff, but such an assignment is optional.

Table Structure Report

Logical Table Name: legend_mapping_progress
Physical Table Name: lmapprog
Table Label: Legend Mapping Progress

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: lmapprog

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	progress_reporting_date	progrptdate	Progress Reporting Date	Date		Yes	N.A.	No
3	initial_nrcs_acres	initnrcsacres	Initial NRCS Acres	Integer		No	N.A.	No
4	initial_cooperator_acres	initcoopacres	Initial Cooperator Acres	Integer		No	N.A.	No
5	update_nrcs_acres	updtnrcsacres	Update NRCS Acres	Integer		No	N.A.	No
6	update_cooperator_acres	updtcoopacres	Update Cooperator Acres	Integer		No	N.A.	No
7	legend_staff_iid_ref	lstaffiidref	Staff Member Name	Integer		No	N.A.	No
8	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
9	legend_land_type_brkdn_iid_ref	lltbrkdniidref	Migrated Legend Land Type Breakdown Rec ID	Integer		Yes	N.A.	No
10	legend_mapping_progress_iid	lmapprogiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records the mapping progress in a soil survey area throughout the life of a soil survey project. Each progress entry shows additional acres that have been mapped since progress was last reported. Cumulative mapping is not shown in this table, instead it is calculated in a report. Mapping progress for initial acres mapped mapping is recorded separately from update acres mapped. Mapping progress may be assigned to an individual member of the soil survey project staff, but such an assignment is optional.

Table Structure Report

Logical Table Name: legend_product
Physical Table Name: lproduct
Table Label: Legend Product

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: lproduct

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	product_type	prodtype	Product Type	Unordered Code		Yes	N.A.	No
3	product_description	proddesc	Product Description	Varchar	254	No	N.A.	No
4	product_scheduled	prodsch	Scheduled Delivery	Date		No	N.A.	No
5	product_text_formatted	ptextform	Product Text Formatted	Date		No	N.A.	No
6	product_text_proofed	ptextproof	Product Text Proofed	Date		No	N.A.	No
7	product_text_completed	ptextcomplete	Product Text Completed	Date		No	N.A.	No
8	product_text_submitted	ptextsubmit	Product Text Submitted	Date		No	N.A.	No
9	product_delivered	proddel	Actual Delivery	Date		No	N.A.	No
10	product_availability_status	prodastat	Availability Status	Boolean		No	N.A.	No
11	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
12	legend_product_iid	legprodiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records all types of final products that are produced for a particular soil survey. Text formatting and editing progress may be tracked independently for each product. Each entry can identify the projected availability of a product, the actual delivery date of a product, and whether a particular product is still available.

Table Structure Report

Logical Table Name: legend_staff
Physical Table Name: lstaff
Table Label: Legend Staff

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: lstaff

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	staff_member_name	staffmemnm	Staff Member Name	Varchar	60	Yes	N.A.	No
3	staff_member_job_title	staffmemjt	Staff Member Job Title	Varchar	60	No	N.A.	No
4	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
5	legend_staff_iid	lstaffiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records the people who participated in some aspect of a project soil survey. Both NRCS and NCSS cooperator personnel may be listed.

Table Structure Report

Logical Table Name: legend_text
Physical Table Name: legendtext
Table Label: Legend Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ltext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	legend_text_kind	legendtextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
9	legend_text_iid	legtextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Legend Text table contains notes and narrative descriptions for the legend shown above in the Legend table. Legend text is optional. In many cases, this table is empty.

Table Structure Report

Logical Table Name: local_plant
Physical Table Name: localplant
Table Label: Local Plant

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: locplnt

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	local_plant_symbol	lplantsym	Local Plant Symbol	Varchar	8	Yes	N.A.	No
2	local_plant_name	lplantname	Local Plant Name	Varchar	127	Yes	N.A.	No
3	local_plant_scientific_name	lplantsciname	Local Plant Scientific Name	Varchar	127	No	N.A.	No
4	plant_iid_ref	plantiidref	Plant Symbol	Integer		Yes	N.A.	No
5	local_plant_database_iid_ref	lplantdbiidref	Local Plant Site	Smallint		Yes	N.A.	No
6	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
7	user_iid_ref	useriidref	User	Integer		No	N.A.	No
8	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
9	local_plant_iid	lplantiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Local Plant table records a subset of plants commonly referenced in some loosely defined geographic area. Plant lookups for soil survey tables that reference plants are based on the Local Plant table as opposed to the complete official Plant table in order to reduce the size of the choice list and increase performance.

Each record in the Local Plant table must be related to a record in the complete official Plant table. The plant choice list used to relate a local plant to an official plant is based on the complete official Plant table. This choice list can take anywhere from 5 to 10 minutes to open. At the time NASIS 3.0 was released, the complete official Plant table contained approximately 80,000 records. The performance of huge choice lists will be reengineered in a future relase.

Table Structure Report

Logical Table Name: mapunit
Physical Table Name: mapunit
Table Label: Mapunit

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: mapunit

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	mapunit_symbol	musym	Mapunit Symbol	Varchar	6	Yes	N.A.	No
3	mapunit_name	muname	Mapunit Name	Varchar	175	No	N.A.	Yes
4	mapunit_kind	mukind	Kind	Unordered Code		No	N.A.	No
5	mapunit_status	mustatus	Status	Unordered Code		Yes	RV	No
6	mapunit_acres	muacres	Total Acres	Integer		No	N.A.	No
7	mapunit_linear_feature_width	mapunitlfw	Linear Feature Width	Smallint		No	H, L, RV	No
8	mapunit_point_feature_area	mapunitpfa	Point Feature Area	Smallfloat		No	H, L, RV	No
9	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
10	mapunit_iid	muiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Mapunit table lists the mapunits included the legend shown above in the Legend table. All mapunits ever used in the survey area legend are included in this table and are not deleted when correlated to another symbol. Instead, correlated symbols are changed to additional status and their links to data mapunits are copied to the Correlation table for the new mapunit symbol.

Table Structure Report

Logical Table Name: mapunit_area_overlap
Physical Table Name: muaoverlap
Table Label: Mapunit Area Overlap

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: muareao

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	mapunit_iid_ref	muiidref	Mapunit Symbol	Integer		Yes	N.A.	No
3	area_overlap_acres	areaovacres	Overlap Acres	Integer		No	N.A.	No
4	legend_iid_ref	liidref	Migrated Legend Rec ID	Integer		Yes	N.A.	No
5	legend_area_overlap_iid_ref	lareaoviidref	Migrated Legend Area Overlap Rec ID	Integer		Yes	N.A.	No
6	mapunit_area_overlap_iid	muareaoviid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Mapunit Area Overlap table lists the mapunits that exist in the overlap between the entire survey area and the geographic area shown in the Legend Area Overlap table.

Table Structure Report

Logical Table Name: mapunit_history
Physical Table Name: muhistory
Table Label: Mapunit History

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: muhist

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	correlation_kind	corkind	Correlation Kind	Unordered Code		No	N.A.	No
5	correlation_event	corevent	Correlation Event	Unordered Code		No	N.A.	No
6	mapunit_name_historical	munamehist	Historical Name	Varchar	175	No	List	No
7	mapunit_status_historical	mustathist	Status	Unordered Code		No	RV	No
8	text	text	Text	Text		No	N.A.	No
9	mapunit_iid_ref	muiidref	Migrated Mapunit Rec ID	Integer		Yes	N.A.	No
10	mapunit_history_iid	muhistiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Mapunit History table contains the complete correlation history and documentation for the mapunit shown above in the Mapunit table. The first record added to this table documents the date at which the mapunit was added to the legend. Subsequent records added to this table document changes in mapunit name or status, and other correlation decisions.

Table Structure Report

Logical Table Name: mapunit_text
Physical Table Name: mutext
Table Label: Mapunit Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: mutext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	mapunit_text_kind	mapunittextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	mapunit_iid_ref	muiidref	Migrated Mapunit Rec ID	Integer		Yes	N.A.	No
9	mapunit_text_iid	mutextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Mapunit Text table contains the non-technical descriptions and other miscellaneous notes for the mapunit shown above in the Mapunit table. Notes related to correlation decisions should be entered in the Mapunit History table.

Table Structure Report

Logical Table Name: nasis_user
Physical Table Name: dd_user
Table Label: NASIS User

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: user

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	user_name	username	User	Varchar	30	Yes	N.A.	No
2	unix_user_name	unixusername	Login	Varchar	30	Yes	N.A.	No
3	user_description	userdesc	Description	Varchar	60	No	N.A.	No
4	user_phone	userphone	Phone	Varchar	20	No	N.A.	No
5	user_e_mail_address	useremailaddr	E-mail Address	Varchar	60	No	N.A.	No
6	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
7	user_iid	useriid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The User table lists the users authorized to run NASIS.

Users can edit some of the data in their individual data records, but cannot create new user records nor delete existing user records. Special procedures are required to create or delete records in this table. Contact the NASIS hotline for assistance if a user record needs to be created, deleted, or modified in a way that cannot be accomplished by the individual user.

Table Structure Report

Logical Table Name: other_veg_classification
Physical Table Name: othvegclass
Table Label: Other Vegetative Classification

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: vegcl

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	oth_veg_class_id	ovegclid	Other Veg Class ID	Varchar	30	Yes	N.A.	No
3	oth_veg_class_name	ovegclname	Other Veg Class Name	Varchar	254	Yes	N.A.	No
4	oth_veg_class_description	ovegcldesc	Other Veg Class Description	Text		No	N.A.	No
5	obsolete_term	obterm	Obsolete?	Boolean		Yes	N.A.	No
6	oth_veg_class_type_iid_ref	ovegcltypiidref	Migrated Other Veg Class Type Rec ID	Integer		Yes	N.A.	No
7	oth_veg_class_iid	ovegcliid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Other Vegetative Classification table is designed to record the individual "sites" that belong to a particular vegetative classification type in the Other Vegetation Classification Type table.

Table Structure Report

Logical Table Name: other_vegetation_class_type
Physical Table Name: othvegclasstype
Table Label: Other Vegetative Classification Type

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: vegcltyp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	oth_veg_class_type_name	ovegcltypname	Other Veg Class Type Name	Varchar	60	Yes	N.A.	No
2	oth_veg_class_type_reference	ovegcltypref	Other Veg Class Type Reference	Varchar	254	No	N.A.	No
3	oth_veg_class_type_description	ovegcltypdesc	Other Veg Class Type Description	Text		No	N.A.	No
4	obsolete_term	obterm	Obsolete?	Boolean		Yes	N.A.	No
5	oth_veg_class_type_db_iid_ref	ovegcltypdbiidref	Other Veg Class Type Site	Smallint		Yes	N.A.	No
6	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
7	user_iid_ref	useriidref	User	Integer		No	N.A.	No
8	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
9	oth_veg_class_type_iid	ovegcltypiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Other Vegetative Classification Type table is designed to store vegetative classification types other than those defined according to NRCS standards. An example is the USFS Forest Habitat type.

The individual "sites" that belong to each classification type are recorded in the Other Vegetation Classification table.

Ecological sites defined according to NRCS standards are recorded in the Ecological Site table.

Table Structure Report

Logical Table Name: pedon
Physical Table Name: pedon
Table Label: Pedon

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: pedon

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	user_pedon_id	upedonid	User Pedon ID	Varchar	60	No	N.A.	No
2	pedon_record_origin	pedrecorigin	Pedon Record Origin	Varchar	60	No	N.A.	No
3	describers_name	descname	Describer's Name	Varchar	150	No	List	No
4	site_iid_ref	siteiidref	User Site ID	Integer		Yes	N.A.	No
5	site_observation_iid_ref	siteobsiidref	Site Observation ID	Integer		Yes	N.A.	No
6	transect_iid_ref	tsectiidref	User Transect ID	Integer		No	N.A.	No
7	transect_stop_number	tsectstopnum	Transect Stop Number	Smallint		No	N.A.	No
8	transect_interval	tsectinterval	Transect Interval	Smallfloat		No	N.A.	No
9	soil_name_as_sampled	soinmassamp	Soil Name As Sampled	Varchar	60	No	N.A.	No
10	soil_name_as_correlated	soinmascorr	Correlated Soil Name	Varchar	60	No	N.A.	No
11	component_kind	compkind	Taxon Kind	Unordered Code		No	N.A.	No
12	pedon_type	pedontype	Pedon Type	Unordered Code		No	N.A.	No
13	pedon_desc_purpose	pedonpurpose	Pedon Purpose	Unordered Code		No	N.A.	No
14	pedon_unit	pedonunit	Pedon #	Smallint		No	N.A.	No
15	relative_exposure_size	relexpsize	Exposure Size	Smallint		No	RV	No
16	relative_exposure_uom	relexpuom	Exposure UOM	Unordered Code		No	N.A.	No
17	earth_cover_kind_level_one	earthcovkind1	Cover Kind 1	Unordered Code		No	RV	No
18	earth_cover_kind_level_two	earthcovkind2	Cover Kind 2	Unordered Code		No	RV	No
19	erosion_class	erocl	Erosion Class	Ordered Code		No	RV	No
20	taxonomic_classification_name	taxclname	Taxonomic Class	Varchar	120	No	N.A.	Yes
21	taxonomic_order	taxorder	Order	Unordered Code		No	N.A.	No
22	taxonomic_suborder	taxsuborder	Suborder	Unordered Code		No	N.A.	No
23	taxonomic_great_group	taxgrtgroup	Great Group	Unordered Code		No	N.A.	No
24	taxonomic_subgroup	taxsubgrp	Subgroup	Unordered Code		No	N.A.	No
25	taxonomic_family_particle_size	taxpartsize	Particle Size	Unordered Code		No	N.A.	No
26	taxonomic_family_part_size_mod	taxpartsizemod	Particle Size Mod	Unordered Code		No	N.A.	No
27	taxonomic_family_c_e_act_class	taxceactcl	CEC Activity Cl	Ordered Code		No	N.A.	No
28	taxonomic_family_reaction	taxreaction	Reaction	Unordered Code		No	N.A.	No
29	taxonomic_family_temp_class	taxtempcl	Temp Class	Unordered Code		No	N.A.	No
30	taxonomic_moisture_subclass	taxmoistscl	Moist Subclass	Unordered Code		No	N.A.	No
31	taxonomic_temp_regime	taxtempregime	Temp Regime	Unordered Code		No	RV	No

Table Structure Report

Logical Table Name: pedon
Physical Table Name: pedon
Table Label: Pedon

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: pedon

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
32	soil_taxonomy_edition	soiltaxedition	Keys to Taxonomy Edition Used	Ordered Code		No	N.A.	No
33	part_size_cntrl_depth_to_top	psctopdepth	PSC Top Depth	Smallint		No	N.A.	No
34	part_size_cntrl_depth_to_bot	pscbotdepth	PSC Bottom Depth	Smallint		No	N.A.	No
35	current_weather_conditions	currweathcond	Current Weather	Unordered Code		No	N.A.	No
36	current_air_temp	currairtemp	Current Air Temp	Smallint		No	N.A.	No
37	laboratory_source_id	labsourceid	Lab Source ID	Varchar	7	No	N.A.	No
38	pedon_lab_sample_number	pedlabsampnum	Lab Pedon #	Varchar	12	No	List	No
39	pedon_database_iid_ref	pedbiidref	Pedon Site	Smallint		Yes	N.A.	No
40	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
41	user_iid_ref	useriidref	User	Integer		No	N.A.	No
42	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
43	pedon_iid	peiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon table contains information collected at the time a soil profile description is made. It has data that relates to the profile as a whole.

Table Structure Report

Logical Table Name: pedon_diagnostic_features
Physical Table Name: pediagfeatures
Table Label: Pedon Diagnostic Features

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: pdfeat

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	diag_horz_feat_kind	featkind	Kind	Unordered Code		No	List	No
3	diag_horz_feat_depth_to_top	featdept	Top Depth	Smallint		No	N.A.	No
4	diag_horz_feat_depth_to_botm	featdepb	Bottom Depth	Smallint		No	N.A.	No
5	diag_horz_feat_thickness	featthick	Thickness	Smallint		No	H, L, RV	No
6	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
7	ped_diagnostic_features_iid	pediagfeatiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Diagnostic Features table lists the typical features, such as ochric epipedon or cambic horizon, for the pedon being described. The rows in this table, as a group, describe the representative situation for this pedon.

Table Structure Report

Logical Table Name: pedon_field_meas_prop
Physical Table Name: pefmp
Table Label: Pedon Field Measured Property

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: pfmprop

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	field_meas_property_name	fmpname	Name	Varchar	80	No	N.A.	No
3	field_meas_property_value	fmpvalue	Value	Float		No	N.A.	No
4	field_meas_property_units	fmpunits	Unit of Measure	Varchar	30	No	N.A.	No
5	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
6	ped_field_meas_prop_iid	pefmpiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Field Measured Property table contains the results of field or office conducted soil property analyses that apply to the profile as a whole, that cannot be stored elsewhere in the database as separate data elements in other tables. Analyses that apply to specific horizons are entered into the Pedon Horizon Field Measured Property table.

Table Structure Report

Logical Table Name: pedon_restrictions
Physical Table Name: perestrictions
Table Label: Pedon Restrictions

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: prstrcts

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	restriction_kind	reskind	Kind	Unordered Code		No	List	No
3	restriction_hardness	reshard	Hardness	Ordered Code		No	RV	No
4	restriction_depth_to_top	resdept	Top Depth	Smallint		No	N.A.	No
5	restriction_depth_to_bottom	resdepb	Bottom Depth	Smallint		No	N.A.	No
6	restriction_thickness	resthk	Thickness	Smallint		No	H, L, RV	No
7	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
8	ped_restrictions_iid	perestrictiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Restrictions table lists the root restrictive features or layers for this pedon. If the thickness of the restrictive layer is greater than zero (low=5, RV=8, high=10), the restrictive layer exists throughout the pedon. If the thickness of the restrictive layer includes zero (low=0, RV=2, high=5), this restrictive layer may exist in parts of the pedon, but not in others. This table will be empty if the pedon does not have any restrictive features, but could have several rows if several restrictive layers occur in the soil.

Table Structure Report

Logical Table Name: pedon_surface_fragments
Physical Table Name: pesurffrags
Table Label: Pedon Surface Fragments

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: psfrags

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	surface_frag_cover_percent	sfragcov	Cover %	Smallfloat		No	N.A.	No
3	mean_distance_between_rocks	distrocks	Spacing	Smallfloat		No	N.A.	No
4	surface_frag_kind	sfragkind	Kind	Unordered Code		No	List	No
5	surface_frag_size	sfragsize	Size	Smallint		No	H, L, RV	No
6	surface_frag_shape	sfragshp	Shape	Unordered Code		No	List	No
7	surface_frag_roundness	sfraground	Roundness	Unordered Code		No	RV	No
8	surface_frag_hardness	sfraghard	Hardness	Ordered Code		No	N.A.	No
9	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
10	ped_surface_fragments_iid	pesurffragsiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Surface Fragments table lists the organic or mineral fragments on the surface of the soil at the time of observation. A separate row is entered for each size and lithology found.

Table Structure Report

Logical Table Name: pedon_tax_fam_mineralogy
Physical Table Name: petaxfmmin
Table Label: Pedon Taxonomic Family Mineralogy

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ptxfmmin

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	taxonomic_family_mineralogy	taxminalogy	Mineralogy	Unordered Code		No	List	No
3	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
4	ped_tax_fam_min_iid	petaxfmminiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Taxonomic Family Mineralogy table lists the mineralogy characteristics that apply to this pedon. The characteristics listed in this table, as a group, describe the representative situation for this pedon.

Table Structure Report

Logical Table Name: pedon_tax_fam_other
Physical Table Name: petxfmother
Table Label: Pedon Taxonomic Family Other Criteria

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ptxfmoth

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	taxonomic_family_other	taxfamother	Family Other	Unordered Code		No	List	No
3	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
4	ped_tax_fam_other_iid	petaxfoiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Taxonomic Family Other Criteria table lists the other taxonomic characteristics, such as classes of coatings or permanent cracks, that apply to the pedon. The characteristics listed in this table, as a group, describe the representative situation for this pedon.

Table Structure Report

Logical Table Name: pedon_tax_moisture_class
Physical Table Name: petaxmoistcl
Table Label: Pedon Taxonomic Moisture Class

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ptxmoicl

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	taxonomic_moisture_class	taxmoistcl	Moisture Class	Unordered Code		No	List, RV	No
3	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
4	ped_tax_moisture_class_iid	petaxmciid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Taxonomic Moisture Class table provides clear identification of the intended taxonomic moisture class, even though moisture class is implied at a higher taxonomic level. The class or classes listed in this table describe the representative situation for the pedon.

Table Structure Report

Logical Table Name: pedon_text
Physical Table Name: petext
Table Label: Pedon Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ptext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	pedon_text_kind	pedontextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
9	ped_text_iid	petextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Text table contains notes and narrative descriptions for this pedon as a whole that can not be described using existing data elements in other tables. In many cases, the table will be empty. Notes that apply to a specific soil horizon should be entered in the Pedon Horizon Text table.

Table Structure Report

Logical Table Name: phorizon
Physical Table Name: phorizon
Table Label: Pedon Horizon

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phorizon

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	observation_method	obsmethod	Observation Method	Unordered Code		No	RV	No
3	horizon_designation	hzname	Designation	Varchar	12	No	N.A.	Yes
4	horz_desgn_discontinuity	desgndisc	Disc	Smallint		No	RV	No
5	horz_desgn_master	desgnmaster	Master	Unordered Code		No	RV	No
6	horz_desgn_master_prime	desgnmasterprime	Prime	Unordered Code		No	N.A.	No
7	horz_desgn_vertical_subdvn	desgnvert	Sub	Smallint		No	RV	No
8	horizon_depth_to_top	hzdept	Top Depth	Smallint		No	N.A.	No
9	horizon_depth_to_bottom	hzdepb	Bottom Depth	Smallint		No	N.A.	No
10	horizon_thickness	hzthk	Thickness	Smallint		No	H, L, RV	No
11	texture_modifier_and_class	texture	Tex Mod & Class	Varchar	30	No	N.A.	Yes
12	stratified_textures_flag	stratextsflag	Stratified?	Boolean		No	N.A.	No
13	clay_total_estimated	claytotest	Est Clay %	Smallfloat		No	N.A.	No
14	silt_total_estimated	silttotest	Est Silt %	Smallfloat		No	N.A.	No
15	sand_total_estimated	sandtotest	Est Sand %	Smallfloat		No	N.A.	No
16	horizon_color_variegated_flag	horcolorvflag	Variegated Colors?	Boolean		No	N.A.	No
17	fiber_rubbed_percent	fibrerpct	Rubbed Fiber %	Smallint		No	N.A.	No
18	fiber_unrubbed_percent	fibrgurpct	Unrubbed Fiber %	Smallint		No	N.A.	No
19	observed_soil_moisture_status	obssoimoiststat	Observed Moisture State	Unordered Code		No	N.A.	No
20	rupture_resist_block_moist	rupresblkmst	Rupture Moist	Ordered Code		No	N.A.	No
21	rupture_resist_block_dry	rupresblkdry	Rupture Dry	Ordered Code		No	N.A.	No
22	rupture_resist_block_cem	rupresblkcem	Rupture Cement	Ordered Code		No	N.A.	No
23	rupture_resist_plate	rupresplate	Rupture Plate	Ordered Code		No	N.A.	No
24	manner_of_failure	mannerfailure	Manner of Failure	Ordered Code		No	N.A.	No
25	stickiness	stickiness	Stickiness	Ordered Code		No	N.A.	No
26	plasticity	plasticity	Plasticity	Ordered Code		No	N.A.	No
27	toughness_class	toughclass	Tough Class	Ordered Code		No	N.A.	No
28	penetration_resistance	penetrres	Penetration Resistance	Ordered Code		No	N.A.	No
29	penetration_orientation	penetorient	Penetration Orientation	Unordered Code		No	N.A.	No
30	sat_hyd_conductivity_pedon	ksatpedon	Ksat	Smallfloat		No	N.A.	No
31	sat_hydraulic_conduct_std	ksatstddev	Ksat Std Dev	Float		No	N.A.	No

Table Structure Report

Logical Table Name: phorizon
Physical Table Name: phorizon
Table Label: Pedon Horizon

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phorizon

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
32	sat_hydraulic_conduct_rep	ksatrepnum	Ksat Rep #	Smallint		No	N.A.	No
33	horizon_permeability_class	horzpermclass	Permeability Class	Ordered Code		No	N.A.	No
34	ph_field	phfield	Field pH	Smallfloat		No	N.A.	No
35	ph_determination_method	phdetermeth	pH Method	Unordered Code		No	N.A.	No
36	effervescence_class	effclass	Efferv Class	Ordered Code		No	N.A.	No
37	effervescence_location	efflocation	Efferv Loc - obsolete	Unordered Code		No	N.A.	No
38	effervescence_agent	effagent	Efferv Agent	Unordered Code		No	List	No
39	reaction_to_alpha_dipyridyl	reactadipyridyl	Alpha Dipyr Reaction	Unordered Code		No	N.A.	No
40	electrical_conductivity	ec	EC	Smallfloat		No	N.A.	No
41	elec_cond_determination_meth	ecdeterminemeth	EC Method	Unordered Code		No	N.A.	No
42	sodium_adsorption_ratio	sar	SAR	Smallfloat		No	N.A.	No
43	excavation_difficulty_class	excavdifcl	Excav Diff	Ordered Code		No	N.A.	No
44	soil_odor	soilodor	Odor	Unordered Code		No	N.A.	No
45	boundary_distinctness	bounddistinct	Boundary Distinctness	Ordered Code		No	N.A.	No
46	boundary_topography	boundtopo	Boundary Topography	Ordered Code		No	N.A.	No
47	horizon_volume_total_percent	horzvoltotpct	Total Volume %	Smallint		No	H, L, RV	No
48	horizon_lateral_area_percent	horzlatareapct	Lateral Area %	Smallint		No	H, L, RV	No
49	pedon_iid_ref	peiidref	Migrated Pedon Rec ID	Integer		Yes	N.A.	No
50	phorizon_iid	phiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon table lists the horizons for each pedon. If the horizon thickness is greater than zero (low=5, RV=8, high=12), the horizon exists throughout the exposure of the profile. If the horizon thickness includes zero (low=0, RV=1, high=3), the horizon may exist in some places, but may not exist in other places.

Horizons that have two distinct parts, such as E/B or E&Bt, are recorded twice. Once for the characteristics of the first part; and again on another row, using the same depths and thicknesses, for the characteristics of the other part.

Table Structure Report

Logical Table Name: phorizon_cement_agent
Physical Table Name: phcemagent
Table Label: Pedon Horizon Cementing Agent

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phcemagt

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	rupture_resist_cem_agent	ruprescem	Cementing Agent	Unordered Code		No	List	No
3	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
4	phor_cement_agent_iid	phcemagentiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Cementing Agent table describes the chemical compound(s) that act as binding agents in cemented horizons.

Table Structure Report

Logical Table Name: phorizon_color
Physical Table Name: phcolor
Table Label: Pedon Horizon Color

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phcolor

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	color_percent	colorpct	Color %	Smallint		No	N.A.	No
3	color_physical_state	colorphysst	Phys State	Unordered Code		No	N.A.	No
4	color_hue	colorhue	Hue	Unordered Code		No	N.A.	No
5	color_value	colorvalue	Value	Ordered Code		No	N.A.	No
6	color_chroma	colorchroma	Chroma	Ordered Code		No	N.A.	No
7	color_moisture_state	colormoistst	Moist State	Unordered Code		No	N.A.	No
8	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
9	phor_color_iid	phcoloriid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Color table describes the Munsell color of the soil matrix of each horizon described. Colors of other features are recorded in other tables used to describe those features.

Table Structure Report

Logical Table Name: phorizon_concentrations
Physical Table Name: phconcs
Table Label: Pedon Horizon Concentrations

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phconc

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	concentration_percent	concpct	Percent	Smallint		No	N.A.	No
3	concentration_size	concsize	Size	Unordered Code		No	N.A.	No
4	concentration_contrast	conccntrst	Contrast	Ordered Code		No	N.A.	No
5	concentration_hardness	conchardness	Hardness	Unordered Code		No	N.A.	No
6	concentration_shape	concshape	Shape	Unordered Code		No	N.A.	No
7	concentration_kind	conckind	Kind	Unordered Code		No	N.A.	No
8	concentration_location	conclocation	Location	Unordered Code		No	N.A.	No
9	concentration_boundary	concboundary	Boundary	Ordered Code		No	N.A.	No
10	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
11	phor_concentrations_iid	phconceniid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Concentration table describes soil features that form by accumulation of material during pedogenisis that are identified in each soil profile horizon at the time of description. They may be chemical or biological in nature. Multiple rows may be entered to describe different combinations of size, composition, shape, hardness, etc.

Table Structure Report

Logical Table Name: phorizon_concentrations_color
Physical Table Name: phconccolor
Table Label: Pedon Horizon Concentrations Color

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phconcco

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	color_percent	colorpct	Color %	Smallint		No	N.A.	No
3	color_hue	colorhue	Hue	Unordered Code		No	N.A.	No
4	color_value	colorvalue	Value	Ordered Code		No	N.A.	No
5	color_chroma	colorchroma	Chroma	Ordered Code		No	N.A.	No
6	color_moisture_state	colormoiststt	Moist State	Unordered Code		No	N.A.	No
7	phor_concentrations_iid_ref	phconceniidref	Migrated Concentration Rec ID	Integer		Yes	N.A.	No
8	phor_conc_color_iid	phconcencoloriid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Concentrations Color table describes the Munsell color(s) of an individual concentration described in the Pedon Horizon Concentrations table.

Table Structure Report

Logical Table Name: phorizon_desgn_suffix
Physical Table Name: phdesgnsuffix
Table Label: Pedon Horizon Designation Suffix

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phdsuffx

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	horz_desgn_letter_suffix	desgnsuffix	Suffix	Unordered Code		No	List	No
3	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
4	phor_desgn_suffix_iid	phdesgnsfxiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Designation Suffix table contains the suffixes, one per row, for each horizon. For example, the "h" and "s" of a Bhs horizon appear as two rows in this table.

Table Structure Report

Logical Table Name: phorizon_features
Physical Table Name: phfeatures
Table Label: Pedon Horizon Features

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phfeat

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	horizon_feature_kind	horfeatkind	Kind	Unordered Code		No	List	No
3	horz_feat_volume_total_percent	horfeatvtpct	Total Volume %	Smallint		No	H, L, RV	No
4	horz_feat_lateral_area_percent	horfeatlapct	Lateral Area %	Smallint		No	H, L, RV	No
5	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
6	phor_features_iid	phfeatsiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Features table describes special soil features found in a particular soil horizon at the time of description.

Table Structure Report

Logical Table Name: phorizon_field_meas_prop
Physical Table Name: phfmp
Table Label: Pedon Horizon Field Measured Property

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phfmprop

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	field_meas_property_name	fmpname	Name	Varchar	80	No	N.A.	No
3	field_meas_property_value	fmpvalue	Value	Float		No	List	No
4	field_meas_property_units	fmpunits	Unit of Measure	Varchar	30	No	N.A.	No
5	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
6	phor_field_meas_prop_iid	phfmpiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Field Measured Property table contains the results of field or office conducted soil property analyses that apply to an individual horizon, that cannot be stored elsewhere in the database as separate data elements in other tables. Analyses that apply to the profile as a whole are entered into the Pedon Field Measured Property table.

Table Structure Report

Logical Table Name: phorizon_fragments
Physical Table Name: phfrags
Table Label: Pedon Horizon Fragments

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phfrags

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	fragment_volume	fragvol	Vol %	Smallint		No	N.A.	No
3	fragment_kind	fragkind	Kind	Unordered Code		No	List	No
4	fragment_size	fragsize	Size	Smallint		No	H, L, RV	No
5	fragment_shape	fragshp	Shape	Unordered Code		No	List	No
6	fragment_roundness	fraground	Roundness	Unordered Code		No	RV	No
7	fragment_hardness	fraghard	Hardness	Ordered Code		No	N.A.	No
8	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
9	phor_fragments_iid	phfragsiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Fragments table lists the mineral and organic fragments included in the horizon shown in the Pedon Horizon table. The Volume % in a row, is the estimated average for the kind and size of fragment identified in that row.

Table Structure Report

Logical Table Name: phorizon_mottles
Physical Table Name: phmottles
Table Label: Pedon Horizon Mottles

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phmottle

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	mottle_percent	mottlepct	Percent	Smallint		No	N.A.	No
3	mottle_size	mottlesize	Size	Unordered Code		No	N.A.	No
4	mottle_contrast	mottlecntrst	Contrast	Ordered Code		No	N.A.	No
5	color_hue	colorhue	Hue	Unordered Code		No	N.A.	No
6	color_value	colorvalue	Value	Ordered Code		No	N.A.	No
7	color_chroma	colorchroma	Chroma	Ordered Code		No	N.A.	No
8	mottle_shape	mottleshape	Shape	Unordered Code		No	N.A.	No
9	color_moisture_state	colormoiststt	Moist State	Unordered Code		No	N.A.	No
10	mottle_location	mottleloc	Location - obsolete	Unordered Code		No	N.A.	No
11	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
12	phor_mottles_iid	phmottlesiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Mottles tables describes those color patterns found in soil horizons that are NOT associated with concentrations, redoximorphic features, or ped and void coatings. Mottles are now defined as being non-wetness related color separations. They are generally lithochromic or lithomorphic in nature.

Table Structure Report

Logical Table Name: phorizon_ped_void_surf_feat
Physical Table Name: phpvsf
Table Label: Pedon Horizon Ped Void Surface Features

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phpvsf

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	pvsf_percent	pvsfpct	Percent	Smallint		No	N.A.	No
3	pvsf_distinctness	pvsfdistinct	Distinctness	Ordered Code		No	N.A.	No
4	pvsf_continuity	pvsfcont	Continuity	Unordered Code		No	N.A.	No
5	pvsf_kind	pvsfkind	Kind	Unordered Code		No	N.A.	No
6	pvsf_location	pvsflocation	Location	Unordered Code		No	N.A.	No
7	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
8	phor_ped_void_surf_feat_iid	phpvsfiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Ped Void Surface Feature table describes those features found on the surface of peds or voids in the respective soil horizon.

Table Structure Report

Logical Table Name: phorizon_pores
Physical Table Name: phpores
Table Label: Pedon Horizon Pores

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phpores

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	pore_quantity	poreqty	Quantity	Smallfloat		No	N.A.	No
3	pore_size	poresize	Size	Ordered Code		No	N.A.	No
4	pore_continuity_vertical	porecont	Continuity	Ordered Code		No	N.A.	No
5	pore_shape	poreshp	Shape	Unordered Code		No	N.A.	No
6	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
7	phor_pores_iid	phporesiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Pores table lists the voids for the horizon shown above in the Pedon Horizon table. More than one row can be listed because a horizon may have more than one size or shape of void.

Table Structure Report

Logical Table Name: phorizon_pvsf_color
Physical Table Name: phpvsfcolor
Table Label: Pedon Horizon Ped Void Surface Features Color

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phpvsfco

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	color_percent	colorpct	Color %	Smallint		No	N.A.	No
3	color_hue	colorhue	Hue	Unordered Code		No	N.A.	No
4	color_value	colorvalue	Value	Ordered Code		No	N.A.	No
5	color_chroma	colorchroma	Chroma	Ordered Code		No	N.A.	No
6	color_moisture_state	colormoiststt	Moist State	Unordered Code		No	N.A.	No
7	phor_pvsf_iid_ref	phpvsfiidref	Migrated PVSF Rec ID	Integer		Yes	N.A.	No
8	phor_pvsf_color_iid	phpvsfcoloriid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Ped Void Surface Feature Color table describes the Munsell color(s) of an individual feature described in the Pedon Horizon Ped Void Surface Features table.

Table Structure Report

Logical Table Name: phorizon_redox_feat_color
Physical Table Name: phredoxfcolor
Table Label: Pedon Horizon Redoximorphic Features Color

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phrdxfco

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	color_percent	colorpct	Color %	Smallint		No	N.A.	No
3	color_hue	colorhue	Hue	Unordered Code		No	N.A.	No
4	color_value	colorvalue	Value	Ordered Code		No	N.A.	No
5	color_chroma	colorchroma	Chroma	Ordered Code		No	N.A.	No
6	color_moisture_state	colormoiststt	Moist State	Unordered Code		No	N.A.	No
7	phor_redox_feat_iid_ref	phrdxfiidref	Migrated Redox Feature Rec ID	Integer		Yes	N.A.	No
8	phor_redox_feat_color_iid	phrdxfcoloriid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Redox Feature Color table describes the Munsell color(s) of an individual feature described in the Pedon Horizon Redoximorphic Features table.

Table Structure Report

Logical Table Name: phorizon_redox_features
Physical Table Name: phrdxfeatures
Table Label: Pedon Horizon Redoximorphic Features

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phredoxf

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	redox_feat_percent	rdxfeatpct	Percent	Smallint		No	N.A.	No
3	redox_feat_size	rdxfeatsize	Size	Unordered Code		No	N.A.	No
4	redox_feat_contrast	rdxfeatcntrst	Contrast	Ordered Code		No	N.A.	No
5	redox_feat_hardness	rdxfeathardness	Hardness	Unordered Code		No	N.A.	No
6	redox_feat_shape	rdxfeatshape	Shape	Unordered Code		No	N.A.	No
7	redox_feat_kind	rdxfeatkind	Kind	Unordered Code		No	List	No
8	redox_feat_location	rdxfeatlocation	Location	Unordered Code		No	N.A.	No
9	redox_feat_boundary	rdxfeatboundary	Boundary	Ordered Code		No	N.A.	No
10	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
11	phor_redox_feat_iid	phrdxfiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Redoximorphic Features table describes those soil horizon features that are the result of the accumulation or depletion of minerals caused by the oxidation and/or reduction of iron and/or manganese.

Table Structure Report

Logical Table Name: phorizon_roots
Physical Table Name: phroots
Table Label: Pedon Horizon Roots

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phroots

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	roots_quantity	rootsquantity	Quantity	Smallfloat		No	N.A.	No
3	roots_size	rootssize	Size	Ordered Code		No	N.A.	No
4	roots_location	rootslocation	Location	Unordered Code		No	N.A.	No
5	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
6	phor_roots_iid	phrootsiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Roots table describes the abundance, size and location of roots in each soil horizon.

Table Structure Report

Logical Table Name: phorizon_sample
Physical Table Name: phsample
Table Label: Pedon Horizon Sample

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phsample

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	laboratory_sample_number	labsampnum	Lab Sample #	Varchar	8	No	N.A.	No
3	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
4	phor_lab_sample_iid	phlabsampiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Sample table describes the relationship between a soil horizon description and other types of data that may be in the database that relate to that specific horizon, i.e. laboratory analysis results.

Table Structure Report

Logical Table Name: phorizon_structure
Physical Table Name: phstructure
Table Label: Pedon Horizon Soil Structure

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phstruct

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	structure_grade	structgrade	Grade	Ordered Code		No	N.A.	No
3	structure_size	structsize	Size	Ordered Code		No	N.A.	No
4	structure_type	structtype	Type	Unordered Code		No	N.A.	No
5	structure_id	structid	Structure ID	Smallint		No	N.A.	No
6	structure_parts_to	structpartsto	Parts to Structure ID	Smallint		No	N.A.	No
7	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
8	phor_structure_iid	phstructureiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Soil Structure table describes the soil structure of each horizon described. Multiple types, size and grades of structure may be described as well as their relationship to one another.

Table Structure Report

Logical Table Name: phorizon_text
Physical Table Name: phtext
Table Label: Pedon Horizon Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phtext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	phorizon_text_kind	phorizontextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
9	phor_text_iid	phtextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Text table contains notes and narrative descriptions for each horizon. Horizon text is typically used to document additional features observed for a horizon, but no data elements exist for these features. An entry is optional. In many cases, the table is empty.

Table Structure Report

Logical Table Name: phorizon_texture
Physical Table Name: phtexture
Table Label: Pedon Horizon Texture

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phtextur

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	texture_class	texcl	Texture	Unordered Code		No	N.A.	No
3	terms_used_in_lieu_of_texture	lieutex	In Lieu	Unordered Code		No	N.A.	No
4	phorizon_iid_ref	phiidref	Migrated Pedon Horizon Rec ID	Integer		Yes	N.A.	No
5	phor_texture_iid	phtiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Horizon Texture table lists the texture, or terms in lieu of texture, for the texture modifier and class shown above in the Pedon Horizon table. Only the unmodified texture term is listed in the Pedon Horizon Texture table; modifiers are listed in the Pedon Horizon Texture Modifier table. For example, a gravelly loamy sand is shown as "GR-LS" in the Pedon Horizon table, "ls" in this table, and "gr" in the Pedon Horizon Texture Modifier table.

Table Structure Report

Logical Table Name: phorizon_texture_modifier
Physical Table Name: phtexturemod
Table Label: Pedon Horizon Texture Modifier

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: phtexmod

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	texture_modifier	texmod	Modifier	Unordered Code		No	List	No
3	phor_texture_iid_ref	phtiidref	Migrated Texture Rec ID	Integer		Yes	N.A.	No
4	phor_texture_modifier_iid	phtexmodiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Pedon Horizon Texture Modifier table lists the texture modifiers for the texture shown above in the Pedon Horizon and Pedon Horizon Texture tables. For example, a gravelly loamy sand is shown as "GR-LS" in the Pedon Horizon table, "ls" in the Pedon Horizon Texture table, and "gr" in this table.

Table Structure Report

Logical Table Name: plant
Physical Table Name: plant
Table Label: Plant

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: plant

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	plant_symbol	plantsym	Plant Symbol	Varchar	8	Yes	List	No
2	plant_scientific_name	plantsciname	Scientific Name	Varchar	127	No	N.A.	No
3	plant_national_vernacular_name	plantnatvernm	National Vernacular Name	Varchar	60	No	N.A.	No
4	plant_database_iid_ref	plantdbiidref	Plant Site	Smallint		Yes	N.A.	No
5	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
6	user_iid_ref	useriidref	User	Integer		No	N.A.	No
7	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
8	plant_iid	plantiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

Each record in the Plant table represents a plant, where a plant is defined as a unique instance of a scientific (taxonomic) name. While scientific name author may be required in order to make a scientific name unique, scientific name author is not included as part of the scientific name in this table. The plant symbol attribute is a business oriented field that uniquely identifies a plant.

The Plant table contains a mixture or currently accepted nomenclature and obsolete nomenclature. If a plant in this table represents obsolete nomenclature, it will have one or more corresponding records in the Plant Synonym table denoting the currently accepted nomenclature for that plant.

Table Structure Report

Logical Table Name: plant_area_occurrence
Physical Table Name: paoccurrence
Table Label: Plant Area Occurrence

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: plntarea

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	area_type_iid_ref	areatypeiidref	Area Type Name	Integer		Yes	N.A.	No
3	area_iid_ref	areaiidref	Area Symbol	Integer		Yes	N.A.	No
4	plant_area_common_name	plantareacomnm	Area Common Name	Varchar	60	No	N.A.	No
5	plant_iid_ref	plantiidref	Migrated Plant Rec ID	Integer		Yes	N.A.	No
6	plant_area_occurrence_iid	plantareaociid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Plant Area Occurrence table records the geographic areas in which a plant can be expected to be found. This table also optionally records the most widely used common name by which a plant is referred to in a geographic area.

Table Structure Report

Logical Table Name: plant_synonym
Physical Table Name: plantsyn
Table Label: Plant Synonym

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: plntsyn

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	plant_accepted_iid_ref	plantaiidref	Accepted Plant Symbol	Integer		Yes	N.A.	No
3	plant_iid_ref	plantiidref	Migrated Plant Rec ID	Integer		Yes	N.A.	No
4	plant_synonym_iid	plantsyniid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Plant Synonym table records the relationship between obsolete plant nomenclature and currently accepted nomenclature. Typically there is a single counterpart for an obsolete plant, but some obsolete plants are split into more than one new plant.

Table Structure Report

Logical Table Name: property
Physical Table Name: dd_prop
Table Label: Property

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: prop

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	property_name	propname	Property Name	Varchar	60	Yes	N.A.	No
3	property_description	propdesc	Description	Text		No	N.A.	No
4	property_data_type	propdatatype	Data Type	Unordered Code		Yes	N.A.	No
5	property	prop	Property	Property		Yes	N.A.	No
6	property_modality	propmod	Modality	Unordered Code		Yes	N.A.	No
7	property_unit_of_measure	propuom	Units	Varchar	30	No	N.A.	No
8	property_minimum	propmin	Minimum	Float		No	N.A.	No
9	property_maximum	propmax	Maximum	Float		No	N.A.	No
10	property_default_value	propdefval	Default Value	Varchar	254	No	N.A.	No
11	data_approved_for_use	dataafuse	Ready to use?	Boolean		Yes	N.A.	No
12	property_database_iid_ref	propdbiidref	Property Site	Smallint		Yes	N.A.	No
13	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
14	user_iid_ref	useriidref	User	Integer		No	N.A.	No
15	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
16	property_iid	propiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Property table lists the properties and the owner of each property. Properties are part of the criteria used in making interpretations of soil survey data. Properties are SQL-like statements that acquire soil data from the database for use in evaluations.

Table Structure Report

Logical Table Name: property_text
Physical Table Name: propertytext
Table Label: Property Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: proptext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	text_kind	textkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	property_iid_ref	propiidref	Migrated Property Rec ID	Integer		Yes	N.A.	No
9	property_text_iid	proptextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Property Text table contains notes and narrative descriptions for each property script. Text included may be related to edits or changes made to the script. Property text is optional. In many cases, this table is empty.

Table Structure Report

Logical Table Name: query
Physical Table Name: dd_qry
Table Label: Query

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: query

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	query_name	qryname	Query Name	Varchar	60	Yes	N.A.	No
3	query_description	qrydesc	Description	Text		No	N.A.	No
4	query	query	Query	Query		Yes	N.A.	No
5	data_approved_for_use	dataafuse	Ready to use?	Boolean		Yes	N.A.	No
6	query_database_iid_ref	qrydbiidref	Query Site	Smallint		Yes	N.A.	No
7	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
8	user_iid_ref	useriidref	User	Integer		No	N.A.	No
9	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
10	query_iid	qryiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Query table contains queries and the owner of each query. Queries are used to select data for viewing in NASIS tables. Users may create new queries at any time. Although queries are created and edited in this table, the Select Manager (accessed through the File menu) is used to actually run queries.

Table Structure Report

Logical Table Name: query_text
Physical Table Name: querytext
Table Label: Query Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: qrytext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	text_kind	textkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	query_iid_ref	qryiidref	Migrated Query Rec ID	Integer		Yes	N.A.	No
9	query_text_iid	qrytextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Query Text table contains notes and narrative descriptions for each query script. Text included may be related to edits or changes made to the script. Query text is optional. In many cases, this table is empty.

Table Structure Report

Logical Table Name: report
Physical Table Name: dd_rpt
Table Label: Report

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: report

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	report_name	rptname	Report Name	Varchar	60	Yes	N.A.	No
3	report_description	rptdesc	Description	Text		No	N.A.	No
4	report	report	Report	Text		Yes	N.A.	No
5	editor_iid	editoriid	Editor ID	Smallint		No	N.A.	No
6	data_approved_for_use	dataafuse	Ready to use?	Boolean		Yes	N.A.	No
7	report_database_iid_ref	rptdbiidref	Report Site	Smallint		Yes	N.A.	No
8	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
9	user_iid_ref	useriidref	User	Integer		No	N.A.	No
10	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
11	report_iid	rptiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Report table contains reports and the owner of each report. Reports are used to print data from the selected set being viewed in the NASIS tables. Users may create new reports at any time. Although reports are created and edited in this table, the Report Manager (accessed through the Options menu) is used to actually run reports.

Table Structure Report

Logical Table Name: report_text
Physical Table Name: reporttext
Table Label: Report Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: rpttext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	text_kind	textkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	report_iid_ref	rptiidref	Migrated Report Rec ID	Integer		Yes	N.A.	No
9	report_text_iid	rpttextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Report Text table contains notes and narrative descriptions for each report script. Text included may be related to edits or changes made to the script. Report text is optional. In many cases, this table is empty.

Table Structure Report

Logical Table Name: rule
Physical Table Name: dd_rule
Table Label: Rule

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: rule

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	rule_name	rulename	Rule Name	Varchar	60	Yes	N.A.	No
3	rule_description	ruledesc	Description	Text		No	N.A.	No
4	rule	rule	Rule	Rule		Yes	N.A.	No
5	primary_interpretation	primaryinterp	Primary Interpretation?	Boolean		Yes	N.A.	No
6	rule_design	ruledesign	Rule Design	Unordered Code		Yes	N.A.	No
7	data_approved_for_use	dataafuse	Ready to use?	Boolean		Yes	N.A.	No
8	rule_database_iid_ref	ruledbiidref	Rule Site	Smallint		Yes	N.A.	No
9	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
10	user_iid_ref	useriidref	User	Integer		No	N.A.	No
11	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No
12	rule_iid	ruleiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The rule table lists the rules and the owner of each rule. Rules are part of the criteria used in making interpretations of soil survey data. Rules use one or more evaluations and (optionally) other rules to form an interpretive statement.

Table Structure Report

Logical Table Name: rule_evaluation_component
Physical Table Name: dd_rule_ec
Table Label: Rule Evaluation Component

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ruleec

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	evaluation_iid_ref	evaliidref	Evaluation Name	Integer		Yes	N.A.	No
2	rule_evaluation_context_id	ruleectxid	Context ID	Integer		Yes	N.A.	No
3	rule_iid_ref	ruleiidref	Migrated Rule Rec ID	Integer		Yes	N.A.	No
4	rule_evaluation_component_iid	ruleeciid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Rule Evaluation Component table lists the evaluations included in the rule shown above in the Rule table. This table is normally not visible.

Table Structure Report

Logical Table Name: rule_rule_component
Physical Table Name: dd_rule_rc
Table Label: Rule Rule Component

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: rulerc

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	subrule_iid_ref	sruleiidref	Subrule Name	Integer		Yes	N.A.	No
2	rule_rule_context_id	rulerctxid	Context ID	Integer		Yes	N.A.	No
3	rule_iid_ref	ruleiidref	Migrated Rule Rec ID	Integer		Yes	N.A.	No
4	rule_rule_component_iid	rulerciid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Rule Rule Component table lists the rules included in the rule shown above in the Rule table. This table is normally not visible.

Table Structure Report

Logical Table Name: rule_text
Physical Table Name: ruletext
Table Label: Rule Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ruletext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	text_kind	textkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	rule_iid_ref	ruleiidref	Migrated Rule Rec ID	Integer		Yes	N.A.	No
9	rule_text_iid	ruletextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Rule Text table contains notes and narrative descriptions for each rule script. Text included may be related to edits or changes made to the script. Rule text is optional. In many cases, this table is empty.

Table Structure Report

Logical Table Name: site
Physical Table Name: site
Table Label: Site

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: site

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	site_iid	siteiid	Rec ID	Integer		Yes	N.A.	No
2	user_site_id	usiteid	User Site ID	Varchar	60	No	N.A.	No
3	latitude_degrees	latdegrees	Lat. Degrees	Smallint		No	N.A.	No
4	latitude_minutes	latminutes	Lat. Minutes	Smallint		No	N.A.	No
5	latitude_seconds	latseconds	Lat. Seconds	Smallfloat		No	N.A.	No
6	latitude_direction	latdir	Lat. Direction	Unordered Code		No	N.A.	No
7	longitude_degrees	longdegrees	Long. Degrees	Smallint		No	N.A.	No
8	longitude_minutes	longminutes	Long. Minutes	Smallint		No	N.A.	No
9	longitude_seconds	longseconds	Long. Seconds	Smallfloat		No	N.A.	No
10	longitude_direction	longdir	Long. Direction	Unordered Code		No	N.A.	No
11	horizontal_datum_name	horizdatnm	Datum Name	Unordered Code		No	N.A.	No
12	location_description	locdesc	Location Description	Text		No	N.A.	No
13	plss_section_details	plsssdetails	PLSS Section Details	Varchar	254	No	N.A.	No
14	plss_section	plsssection	PLSS Section	Smallint		No	N.A.	No
15	plss_township	plsstownship	PLSS Township	Character	10	No	N.A.	No
16	plss_range	plssrange	PLSS Range	Character	10	No	N.A.	No
17	plss_meridian	plssmeridian	PLSS Meridian	Character	35	No	N.A.	No
18	utm_zone	utmzone	UTM Zone	Smallint		No	N.A.	No
19	utm_northing	utmnorthing	UTM Northing	Float		No	N.A.	No
20	utm_easting	utmeasting	UTM Easting	Float		No	N.A.	No
21	elevation	elev	Elevation	Smallfloat		No	RV	No
22	geomorphic_position_hills	geomposhill	Geomorphic Component - Hills	Unordered Code		No	N.A.	No
23	geomorphic_position_mountains	geomposmntn	Geomorphic Component - Mountains	Unordered Code		No	N.A.	No
24	geomorphic_position_terraces	geompostrce	Geomorphic Component - Terraces	Unordered Code		No	N.A.	No
25	geomorphic_position_flats	geomposflats	Geomorphic Component - Flats	Unordered Code		No	N.A.	No
26	hillslope_profile	hillslopeprof	Hillslope Profile	Unordered Code		No	N.A.	No
27	geomorph_slope_segment	geomslopeseg	Slope Position	Unordered Code		No	RV	No
28	slope_gradient	slope	Slope Gradient	Smallfloat		No	N.A.	No
29	slope_aspect	aspect	Aspect	Smallint		No	N.A.	No
30	slope_length_usle	slopelenusle	Slope Length USLE	Smallint		No	RV	No
31	slope_length_point_runoff	slopelenuptro	Upslope Length	Smallfloat		No	RV	No

Table Structure Report

Logical Table Name: site
Physical Table Name: site
Table Label: Site

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: site

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
32	shape_across	shapeacross	Slope Shape Across	Unordered Code		No	N.A.	No
33	shape_down	shapedown	Slope Shape Up/Down	Unordered Code		No	N.A.	No
34	slope_complexity	slopecomplex	Slope Complexity	Unordered Code		No	N.A.	No
35	local_physiographic_name	locphysnm	Local Physiographic Name	Varchar	50	No	N.A.	No
36	geologic_group	geogroup	Geologic Group	Varchar	60	No	N.A.	No
37	geologic_formation	geoform	Geologic Formation	Varchar	60	No	N.A.	No
38	geologic_member	geomember	Geologic Member	Varchar	60	No	N.A.	No
39	bedrock_depth	bedrckdepth	Bedrock Depth	Smallint		No	N.A.	No
40	bedrock_kind	bedrckkind	Bedrock Kind	Unordered Code		No	N.A.	No
41	bedrock_hardness	bedrckhardness	Bedrock Hardness	Ordered Code		No	N.A.	No
42	bedrock_fracture_interval	bedrckfractint	Bedrock Fracture Interval	Ordered Code		No	N.A.	No
43	bedrock_weathering	bedrckweather	Bedrock Weathering	Ordered Code		No	N.A.	No
44	bedrock_strike	bedrckstrike	Bedrock Strike	Smallint		No	N.A.	No
45	bedrock_dip	bedrckdip	Bedrock Dip	Smallint		No	H, L	No
46	drainage_class	drainagecl	Drainage Class	Ordered Code		No	RV	No
47	site_permeability_class	siteperm	Site Permeability	Ordered Code		No	N.A.	No
48	runoff	runoff	Runoff Class	Ordered Code		No	N.A.	No
49	parent_material_group_name	pmgroupname	Parent Material Group Name	Varchar	252	No	N.A.	Yes
50	plant_association_name	plantassocnm	Plant Association Name	Varchar	40	No	N.A.	No
51	climate_station_id	climstaid	Climate Station ID	Varchar	8	No	N.A.	No
52	climate_station_name	climstanm	Climate Station Name	Varchar	50	No	N.A.	No
53	climate_station_type	climstatype	Climate Station Type	Varchar	15	No	N.A.	No
54	mean_annual_frost_free_days	ffd	Frost Free Days	Smallint		No	N.A.	No
55	mean_annual_precipitation	map	MAP	Smallint		No	N.A.	No
56	rel_effective_annual_precip	reannualprecip	REAP	Smallint		No	N.A.	No
57	mean_annual_air_temperature	airtempa	MAAT	Smallfloat		No	N.A.	No
58	mean_annual_soil_temperature	soiltempa	MAST	Smallfloat		No	N.A.	No
59	mean_summer_air_temperature	airtemps	MSAT	Smallfloat		No	N.A.	No
60	mean_summer_soil_temperature	soiltemps	MSST	Smallfloat		No	N.A.	No
61	mean_winter_air_temperature	airtempw	MWAT	Smallfloat		No	N.A.	No
62	mean_winter_soil_temperature	soiltempw	MWST	Smallfloat		No	N.A.	No

Table Structure Report

Logical Table Name: site
Physical Table Name: site
Table Label: Site

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: site

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
63	flooding_frequency_class	flodfreqcl	Flooding Frequency	Ordered Code		No	N.A.	No
64	flooding_duration_class	floddurcl	Flooding Duration	Ordered Code		No	N.A.	No
65	flooding_month_begin	flodmonthbeg	Flooding Month	Ordered Code		No	N.A.	No
66	ponding_frequency_class	pondfreqcl	Ponding Frequency	Ordered Code		No	N.A.	No
67	ponding_duration_class	ponddurcl	Ponding Duration	Ordered Code		No	N.A.	No
68	ponding_month_begin	pondmonthbeg	Ponding Month	Ordered Code		No	N.A.	No
69	water_table_duration	wtabledur	Water Table Duration	Smallint		No	N.A.	No
70	site_database_iid_ref	sdbiidref	Site Site	Smallint		Yes	N.A.	No
71	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
72	user_iid_ref	useriidref	User	Integer		No	N.A.	No
73	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No

Table Description:

The Site table describes the locational information and characteristics of a particular geographic location. A site may be a specific location such as a point where a soil profile description is taken, or it may have some spatial area that is chosen to be treated as a single point. Various kinds of data such as soil profile descriptions, lab data, vegetative data, etc. may be linked to a site in this database.

Table Structure Report

Logical Table Name: site_area_overlap
Physical Table Name: siteaoverlap
Table Label: Site Area Overlap

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: sareao

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	area_type_iid_ref	areatypeiidref	Area Type Name	Integer		Yes	N.A.	No
3	area_iid_ref	areaiidref	Area Symbol	Integer		Yes	N.A.	No
4	site_iid_ref	siteiidref	Migrated Site Rec ID	Integer		Yes	N.A.	No
5	site_area_overlap_iid	sareaoviid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Area Overlap table records the names and symbols of geographic areas that a particular site occurs in, i.e. state, county, MLRA, etc.

Table Structure Report

Logical Table Name: site_associated_soils
Physical Table Name: siteassocsoi
Table Label: Site Associated Soils

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: sasssoi

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	associated_soil	assocsoi	Associated Soil	Varchar	60	No	List	No
3	site_iid_ref	siteiidref	Migrated Site Rec ID	Integer		Yes	N.A.	No
4	site_associated_soils_iid	siteassocsoiiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Associated Soils table lists those soils that occur in the same or adjacent landscape segments as the site being described.

Table Structure Report

Logical Table Name: site_association
Physical Table Name: siteassoc
Table Label: Site Association

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: sassoc

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	site_assoc_iid	siteassociid	Rec ID	Integer		Yes	N.A.	No
2	user_site_association_id	usiteassocid	User Site Association ID	Varchar	60	No	N.A.	No
3	site_assoc_database_iid_ref	sadbiidref	Site Association Site	Smallint		Yes	N.A.	No
4	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
5	user_iid_ref	useriidref	User	Integer		No	N.A.	No
6	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No

Table Description:

The Site Association table is used to record some natural or artificial grouping of sites. Various types of groupings may be recorded as needed by the user. Examples might include sites that are included in a special soil temperature or soil moisture study.

Transects are now recorded in the "transect" table.

Table Structure Report

Logical Table Name: site_association_site
Physical Table Name: siteassocsite
Table Label: Site Association Site

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: sasite

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	site_iid_ref	siteiidref	User Site ID	Integer		Yes	N.A.	No
3	site_assoc_iid_ref	siteassociidref	Migrated Site Association Rec ID	Integer		Yes	N.A.	No
4	site_assoc_site_iid	siteasiteiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records the identifier of a site that is a member of a particular site association. A site association may contain any number of sites, and a site may be a member of more than one site association.

Table Structure Report

Logical Table Name: site_association_text
Physical Table Name: siteassoctext
Table Label: Site Association Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: satext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	site_association_text_kind	siteassoctextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	site_assoc_iid_ref	siteassociidref	Migrated Site Association Rec ID	Integer		Yes	N.A.	No
9	site_assoc_text_iid	siteatextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Association Text table records notes and other narrative descriptions that help to describe a particular site association.

Table Structure Report

Logical Table Name: site_erosion_accelerated
Physical Table Name: siteerosionacc
Table Label: Site Erosion Accelerated

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: serosnac

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	erosion_accelerated_kind	erokind	Kind	Unordered Code		No	N.A.	No
3	site_observation_iid_ref	siteobsiidref	Migrated Site Observation Rec ID	Integer		Yes	N.A.	No
4	site_erosion_accelerated_iid	siteeroacciid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Erosion Accelerated table lists the kinds of accelerated erosion that occur on this site.

Table Structure Report

Logical Table Name: site_existing_vegetation
Physical Table Name: siteexistveg
Table Label: Site Existing Vegetation

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: seveg

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	local_plant_iid_ref	lplantiidref	Local Plant Symbol	Integer		Yes	N.A.	No
3	site_observation_iid_ref	siteobsiidref	Migrated Site Observation Rec ID	Integer		Yes	N.A.	No
4	site_existing_vegetation_iid	siteexistvegiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Existing Plants table lists the plants, either rangeland or forestland, that were found at this site at the time of observation.

Table Structure Report

Logical Table Name: site_geomorph_desc
Physical Table Name: sitegeomordesc
Table Label: Site Geomorphic Description

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: sgeomord

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	geomorph_feat_type_iid_ref	geomftiidref	Feature Type	Integer		Yes	N.A.	No
3	geomorph_feat_iid_ref	geomfiidref	Feature Name	Integer		Yes	N.A.	No
4	geomorph_feat_modifier	geomfmod	Feature Modifier	Varchar	60	No	N.A.	No
5	geomorphic_feat_id	geomfeatid	Feature ID	Smallint		No	N.A.	No
6	exists_on_feature	existsonfeat	Exists on Feature ID	Smallint		No	N.A.	No
7	site_iid_ref	siteiidref	Migrated Site Rec ID	Integer		Yes	N.A.	No
8	site_geomorph_desc_iid	sitegeomdiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Geomorphic Description table lists the geomorphic features found at this site.

Table Structure Report

Logical Table Name: site_mapunit_overlap
Physical Table Name: sitemuoverlap
Table Label: Site Mapunit Overlap

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: smuov

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	area_type_iid_ref	areatypeiidref	Migrated Area Type Rec ID	Integer		Yes	N.A.	No
3	area_iid_ref	areaiidref	Migrated Area Rec ID	Integer		Yes	N.A.	No
4	legend_iid_ref	liidref	Legend ID	Integer		Yes	N.A.	No
5	mapunit_iid_ref	muiidref	Mapunit Symbol	Integer		Yes	N.A.	No
6	site_area_overlap_iid_ref	sareaoviidref	Migrated Site Area Overlap Rec ID	Integer		Yes	N.A.	No
7	site_mapunit_overlap_iid	smuoviid	Rec ID	Integer		Yes	N.A.	No

Table Description:

This table is intended to record the coincidence of individually described sites with a particular mapunit in a particular legend.

Table Structure Report

Logical Table Name: site_observation
Physical Table Name: siteobs
Table Label: Site Observation

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: siteobs

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	observation_date	obsdate	Observation Date	Date		Yes	N.A.	No
3	observation_date_kind	obsdatekind	Observation Date Kind	Unordered Code		No	N.A.	No
4	photograph_id	photoid	Air Photo ID	Varchar	9	No	N.A.	No
5	surface_water_kind	swaterkind	Surface Water Kind	Unordered Code		No	N.A.	No
6	surface_water_depth	swaterdepth	Surface Water Depth	Smallint		No	N.A.	No
7	geomorph_micro_relief	geomicrorelief	Microrelief Kind	Unordered Code		No	N.A.	No
8	geomorph_microrelief_elevation	geommicelev	Microrelief Elevation	Smallint		No	N.A.	No
9	geomorph_microrelief_pattern	geommicpat	Microrelief Pattern (obsolete)	Unordered Code		No	N.A.	No
10	yield_study_identification	yldstudyid	Yield Study ID	Varchar	10	No	N.A.	No
11	site_iid_ref	siteiidref	Migrated Site Rec ID	Integer		Yes	N.A.	No
12	site_observation_iid	siteobsiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Observation table records the date that the various observation or analytical data is collected for the specific site or location. Soil or site properties that may change with time are also recorded here. If a site is revisited at a later date for additional data collection, a new row with the appropriate date is entered in this table. Separate tables exist for properties that may have multiple entries.

Table Structure Report

Logical Table Name: site_observation_text
Physical Table Name: siteobstext
Table Label: Site Observation Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: sotext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	site_observation_text_kind	siteobstextkind	Kind	Unordered Code		No	N.A.	No
5	text_category	textcat	Category	Varchar	20	No	N.A.	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	site_observation_iid_ref	siteobsiidref	Migrated Site Observation Rec ID	Integer		Yes	N.A.	No
9	site_observation_text_iid	siteobstextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Observation Text table contains notes and narrative descriptions that apply to the whole site at the time of observation. Site Observation text is typically used to document additional features observed for a site, but no data elements exist for these features. An entry is optional. In many cases, the table is empty.

Table Structure Report

Logical Table Name: site_parent_material
Physical Table Name: sitepm
Table Label: Site Parent Material

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: spmat

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	parent_material_order	pmorder	Vertical Order	Smallint		No	N.A.	No
3	parent_material_modifier	pmmodifier	Textural Modifier	Unordered Code		No	N.A.	No
4	parent_material_general_mod	pmgenmod	General Modifier	Varchar	60	No	N.A.	No
5	parent_material_kind	pmkind	Kind	Unordered Code		No	List	No
6	parent_material_origin	pmorigin	Origin	Unordered Code		No	List	No
7	parent_material_weathering	pmweathering	Weathering	Ordered Code		No	N.A.	No
8	site_iid_ref	siteiidref	Migrated Site Rec ID	Integer		Yes	N.A.	No
9	site_parent_material_iid	sitepmiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Parent Material table lists the individual parent materials, and their vertical sequence, from which the soil at this site developed. The Parent Material Group Name is shown above in the Site table.

Table Structure Report

Logical Table Name: site_soil_moisture
Physical Table Name: sitesoilmoist
Table Label: Site Soil Moisture

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: ssmoist

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	soil_moist_depth_to_top	soimoistdept	Top Depth	Smallint		No	N.A.	No
3	soil_moist_depth_to_bottom	soimoistdepb	Bottom Depth	Smallint		No	N.A.	No
4	observed_soil_moisture_status	obssoimoiststat	Observed Moisture State	Unordered Code		No	N.A.	No
5	observed_soil_moisture_percent	obssoimoist	Vol Moisture %	Smallint		No	RV	No
6	soil_moisture_tension	soimoistten	Moisture Tension	Smallfloat		No	N.A.	No
7	site_observation_iid_ref	siteobsiidref	Migrated Site Observation Rec ID	Integer		Yes	N.A.	No
8	site_soil_moisture_iid	sitesmiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Soil Moisture table describes the soil moisture profile at this site at the time of observation. A soil moisture profile may be recorded at different dates, i.e. record the results of a watertable study, by entering a new row and date in the Site Observation table and then entering the moisture data in this table.

Table Structure Report

Logical Table Name: site_soil_temperature
Physical Table Name: sitesoiltemp
Table Label: Site Soil Temperature

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: sstemp

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	soil_temperature_depth	soitempdep	Depth	Smallint		No	RV	No
3	soil_temperature	soitemp	Temperature	Smallint		No	N.A.	No
4	site_observation_iid_ref	siteobsiidref	Migrated Site Observation Rec ID	Integer		Yes	N.A.	No
5	site_soil_temperature_iid	sitestiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Soil Temperature table is used to record observed soil temperatures at various depths at the time of observation. Temperatures may be recorded at different dates, i.e. record the results of soil temperature studies over time, by entering a new row and date in the Site Observation table then entering the temperature data in this table.

Table Structure Report

Logical Table Name: site_text
Physical Table Name: sitetext
Table Label: Site Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: stext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	site_text_kind	sitetextkind	Kind	Unordered Code		No	List	No
5	text_category	textcat	Category	Varchar	20	No	List	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	site_iid_ref	siteiidref	Migrated Site Rec ID	Integer		Yes	N.A.	No
9	site_text_iid	sitetextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Site Text table contains notes and narrative descriptions that apply to the whole site. Site text is typically used to document additional features observed for a site, but no data elements exist for these features. An entry is optional. In many cases, the table is empty. These features or notes should not change with time. If they are time dependent, the entry should be made in the Site Observation Text table.

Table Structure Report

Logical Table Name: transect
Physical Table Name: transect
Table Label: Transect

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: transect

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	transect_iid	tsectiid	Rec ID	Integer		Yes	N.A.	No
2	user_transect_id	utransectid	User Transect ID	Varchar	60	No	N.A.	No
3	transect_author	tsectauth	Transect Author	Varchar	150	No	N.A.	No
4	transect_kind	tsectkind	Transect Kind	Unordered Code		No	N.A.	No
5	transect_selection_method	tsectselmeth	Transect Selection Method	Unordered Code		No	N.A.	No
6	transect_delineation_size	tsectdelinsize	Transect Delineation Size	Smallint		No	N.A.	No
7	transect_direction	tsectdir	Transect Direction	Smallint		No	N.A.	No
8	transect_database_iid_ref	tsectdbiidref	Transect Site	Smallint		Yes	N.A.	No
9	group_iid_ref	grpiidref	Group	Integer		Yes	N.A.	No
10	user_iid_ref	useriidref	User	Integer		No	N.A.	No
11	when_last_updated	wlupdated	Last Updated	Datetime		Yes	N.A.	No

Table Description:

The Transect table is used to record groupings of pedons that are the stops alongs transects.

Table Structure Report

Logical Table Name: transect_text
Physical Table Name: transecttext
Table Label: Transect Text

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: trantext

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	sequence_number	seqnum	Seq	Smallint		No	N.A.	No
2	record_date	recdate	Date	Date		No	N.A.	No
3	record_author	recauthor	Author	Varchar	25	No	N.A.	No
4	transect_text_kind	transecttextkind	Kind	Unordered Code		No	N.A.	No
5	text_category	textcat	Category	Varchar	20	No	N.A.	No
6	text_subcategory	textsubcat	Subcategory	Varchar	20	No	N.A.	No
7	text	text	Text	Text		No	N.A.	No
8	transect_iid_ref	tsectiidref	Migrated Transect Rec ID	Integer		Yes	N.A.	No
9	transect_text_iid	transecttextiid	Rec ID	Integer		Yes	N.A.	No

Table Description:

The Transect Text table contains notes and narrative descriptions for this transect as a whole that cannot be described using existing data elements in other tables. In many cases, the table will be empty.

Table Structure Report

Logical Table Name: user_defaults
Physical Table Name: dd_userdefs
Table Label: User Defaults

System Name: NASIS 5.1.4
Model Name: NASIS 5.1.4 Template Model

ASCII Delimited Import/Export File Name: udedtsu

Columns

Sequence	Logical Name	Physical Name	Label	Phys Data Type	Field Size	Not Null?	Exp. Var.	Calc?
1	database_iid_ref	dbiidref	NASIS Site	Smallint		No	N.A.	No
2	user_default_group_iid_ref	udgiidref	Default Group	Integer		No	N.A.	No
3	edit_setup_iid_ref	edtsuiidref	Edit Setup	Integer		No	N.A.	No
4	user_iid_ref	useriidref	Migrated User Rec ID	Integer		Yes	N.A.	No

Table Description:

This table records a NASIS user's current default group and default edit setup. This table is not visible in the NASIS editor.

A user changes their default group through the Change Default Group item of the Options menu.

A user changes their default edit setup through the Change Edit Setup item of the Options Menu. When a user changes their current edit setup, they may choose to make that edit setup their default edit setup.