

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **chaashto**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	aashtocl	AASHTO	Choice	No	254					aashto_group_classification
2	rvindicator	RV?	Boolean	Yes	3					
3	chkey	Chorizon Key	String	Yes	30					
4	chaashtokey	Chorizon AASHTO Key	String	Yes	30					

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Table Physical Name: **chconsistence**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	rupresblkfst	Rupture Moist	Choice	No	254					rupture_resist_block_moist
2	rupresblkdry	Rupture Dry	Choice	No	254					rupture_resist_block_dry
3	rupresblkcem	Rupture Cement	Choice	No	254					rupture_resist_block_cem
4	rupresplate	Rupture Plate	Choice	No	254					rupture_resist_plate
5	mannerfailure	Manner of Failure	Choice	No	254					manner_of_failure
6	stickiness	Stickiness	Choice	No	254					stickiness
7	plasticity	Plasticity	Choice	No	254					plasticity
8	rvindicator	RV?	Boolean	Yes	3					
9	chkey	Chorizon Key	String	Yes	30					
10	chconsistkey	Chorizon Consistence Key	String	Yes	30					

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Table Physical Name: **chdesgnsuffix**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	desgnsuffix	Suffix	Choice	No	254					horz_desgn_letter_suffix
2	chkey	Chorizon Key	String	Yes	30					
3	chdesgnsfxkey	Chorizon Designation Suffix Key	String	Yes	30					

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Table Physical Name: **chfrags**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	fragvol_l	Vol % - Low Value	Integer	No			0	100	percent	
2	fragvol_r	Vol % - Representative Value	Integer	No			0	100	percent	
3	fragvol_h	Vol % - High Value	Integer	No			0	100	percent	
4	fragkind	Kind	Choice	No	254					fragment_kind
5	fragsize_l	Size - Low Value	Integer	No			2	3000	millimeters	
6	fragsize_r	Size - Representative Value	Integer	No			2	3000	millimeters	
7	fragsize_h	Size - High Value	Integer	No			2	3000	millimeters	
8	fragshp	Shape	Choice	No	254					fragment_shape
9	fraground	Roundness	Choice	No	254					fragment_roundness
10	fraghard	Hardness	Choice	No	254					rupture_resist_block_cem
11	chkey	Chorizon Key	String	Yes	30					
12	chfragskey	Chorizon Fragments Key	String	Yes	30					

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Table Physical Name: **chorizon**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	hzname	Designation	String	No	12					
2	desgndisc	Disc	Integer	No			2	99		
3	desgnmaster	Master	Choice	No	254					horz_desgn_master
4	desgnmasterprime	Prime	Choice	No	254					horz_desgn_master_prime
5	desgnvert	Sub	Integer	No			1			
6	hzdept_l	Top Depth - Low Value	Integer	No			0	9999	centimeters	
7	hzdept_r	Top Depth - Representative Value	Integer	No			0	9999	centimeters	
8	hzdept_h	Top Depth - High Value	Integer	No			0	9999	centimeters	
9	hzdepb_l	Bottom Depth - Low Value	Integer	No			0	9999	centimeters	
10	hzdepb_r	Bottom Depth - Representative Value	Integer	No			0	9999	centimeters	
11	hzdepb_h	Bottom Depth - High Value	Integer	No			0	9999	centimeters	
12	hzthk_l	Thickness - Low Value	Integer	No			0	9999	centimeters	
13	hzthk_r	Thickness - Representative Value	Integer	No			0	9999	centimeters	
14	hzthk_h	Thickness - High Value	Integer	No			0	9999	centimeters	
15	fraggt10_l	Rock >10 - Low Value	Integer	No			0	100	percent	
16	fraggt10_r	Rock >10 - Representative Value	Integer	No			0	100	percent	
17	fraggt10_h	Rock >10 - High Value	Integer	No			0	100	percent	
18	frag3to10_l	Rock 3-10 - Low Value	Integer	No			0	100	percent	
19	frag3to10_r	Rock 3-10 - Representative Value	Integer	No			0	100	percent	
20	frag3to10_h	Rock 3-10 - High Value	Integer	No			0	100	percent	
21	sieven4_l	#4 - Low Value	Float	No		1	0	100	percent	
22	sieven4_r	#4 - Representative Value	Float	No		1	0	100	percent	
23	sieven4_h	#4 - High Value	Float	No		1	0	100	percent	
24	sieven10_l	#10 - Low Value	Float	No		1	0	100	percent	
25	sieven10_r	#10 - Representative Value	Float	No		1	0	100	percent	
26	sieven10_h	#10 - High Value	Float	No		1	0	100	percent	
27	sieven40_l	#40 - Low Value	Float	No		1	0	100	percent	
28	sieven40_r	#40 - Representative Value	Float	No		1	0	100	percent	
29	sieven40_h	#40 - High Value	Float	No		1	0	100	percent	
30	sieven200_l	#200 - Low Value	Float	No		1	0	100	percent	
31	sieven200_r	#200 - Representative Value	Float	No		1	0	100	percent	

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Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
32	sieveno200_h	#200 - High Value	Float	No		1	0	100	percent	
33	sandtotal_l	Total Sand - Low Value	Float	No		1	0	100	percent	
34	sandtotal_r	Total Sand - Representative Value	Float	No		1	0	100	percent	
35	sandtotal_h	Total Sand - High Value	Float	No		1	0	100	percent	
36	sandvc_l	vcos - Low Value	Float	No		1	0	100	percent	
37	sandvc_r	vcos - Representative Value	Float	No		1	0	100	percent	
38	sandvc_h	vcos - High Value	Float	No		1	0	100	percent	
39	sandco_l	cos - Low Value	Float	No		1	0	100	percent	
40	sandco_r	cos - Representative Value	Float	No		1	0	100	percent	
41	sandco_h	cos - High Value	Float	No		1	0	100	percent	
42	sandmed_l	ms - Low Value	Float	No		1	0	100	percent	
43	sandmed_r	ms - Representative Value	Float	No		1	0	100	percent	
44	sandmed_h	ms - High Value	Float	No		1	0	100	percent	
45	sandfine_l	fs - Low Value	Float	No		1	0	100	percent	
46	sandfine_r	fs - Representative Value	Float	No		1	0	100	percent	
47	sandfine_h	fs - High Value	Float	No		1	0	100	percent	
48	sandvf_l	vfs - Low Value	Float	No		1	0	100	percent	
49	sandvf_r	vfs - Representative Value	Float	No		1	0	100	percent	
50	sandvf_h	vfs - High Value	Float	No		1	0	100	percent	
51	silttotal_l	Total Silt - Low Value	Float	No		1	0	100	percent	
52	silttotal_r	Total Silt - Representative Value	Float	No		1	0	100	percent	
53	silttotal_h	Total Silt - High Value	Float	No		1	0	100	percent	
54	siltco_l	Coarse Silt - Low Value	Float	No		1	0	100	percent	
55	siltco_r	Coarse Silt - Representative Value	Float	No		1	0	100	percent	
56	siltco_h	Coarse Silt - High Value	Float	No		1	0	100	percent	
57	siltfine_l	Fine Silt - Low Value	Float	No		1	0	100	percent	
58	siltfine_r	Fine Silt - Representative Value	Float	No		1	0	100	percent	
59	siltfine_h	Fine Silt - High Value	Float	No		1	0	100	percent	
60	claytotal_l	Total Clay - Low Value	Float	No		1	0	100	percent	
61	claytotal_r	Total Clay - Representative Value	Float	No		1	0	100	percent	
62	claytotal_h	Total Clay - High Value	Float	No		1	0	100	percent	

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Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
63	claysizedcarb_l	CaCO3 Clay - Low Value	Float	No		1	0	100	percent	
64	claysizedcarb_r	CaCO3 Clay - Representative Value	Float	No		1	0	100	percent	
65	claysizedcarb_h	CaCO3 Clay - High Value	Float	No		1	0	100	percent	
66	om_l	OM - Low Value	Float	No		2	0	100	percent	
67	om_r	OM - Representative Value	Float	No		2	0	100	percent	
68	om_h	OM - High Value	Float	No		2	0	100	percent	
69	dbtenthbar_l	Db 0.1 bar H2O - Low Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
70	dbtenthbar_r	Db 0.1 bar H2O - Representative Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
71	dbtenthbar_h	Db 0.1 bar H2O - High Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
72	dbthirdbar_l	Db 0.33 bar H2O - Low Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
73	dbthirdbar_r	Db 0.33 bar H2O - Representative Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
74	dbthirdbar_h	Db 0.33 bar H2O - High Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
75	dbfifteenbar_l	Db 15 bar H2O - Low Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
76	dbfifteenbar_r	Db 15 bar H2O - Representative Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
77	dbfifteenbar_h	Db 15 bar H2O - High Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
78	dbovendry_l	Db oven dry - Low Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
79	dbovendry_r	Db oven dry - Representative Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
80	dbovendry_h	Db oven dry - High Value	Float	No		2	0.02	2.6	grams per cubic centimeter	
81	partdensity	Dp	Float	No		2	0.01	5	grams per cubic centimeter	
82	ksat_l	Ksat - Low Value	Float	No		4	0	705	micrometers per second	
83	ksat_r	Ksat - Representative Value	Float	No		4	0	705	micrometers per second	
84	ksat_h	Ksat - High Value	Float	No		4	0	705	micrometers per second	
85	awc_l	AWC - Low Value	Float	No		2	0	0.7	centimeters per centimeter	
86	awc_r	AWC - Representative Value	Float	No		2	0	0.7	centimeters per centimeter	
87	awc_h	AWC - High Value	Float	No		2	0	0.7	centimeters per centimeter	
88	wtenthbar_l	0.1 bar H2O - Low Value	Float	No		1	0	2000	percent	
89	wtenthbar_r	0.1 bar H2O - Representative Value	Float	No		1	0	2000	percent	
90	wtenthbar_h	0.1 bar H2O - High Value	Float	No		1	0	2000	percent	
91	wthirdbar_l	0.33 bar H2O - Low Value	Float	No		1	0	2000	percent	
92	wthirdbar_r	0.33 bar H2O - Representative Value	Float	No		1	0	2000	percent	

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Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
93	wthirdbar_h	0.33 bar H2O - High Value	Float	No		1	0	2000	percent	
94	wfifteenbar_l	15 bar H2O - Low Value	Float	No		1	0	400	percent	
95	wfifteenbar_r	15 bar H2O - Representative Value	Float	No		1	0	400	percent	
96	wfifteenbar_h	15 bar H2O - High Value	Float	No		1	0	400	percent	
97	wsatiated_l	Satiated H2O - Low Value	Integer	No			10	70	percent	
98	wsatiated_r	Satiated H2O - Representative Value	Integer	No			10	70	percent	
99	wsatiated_h	Satiated H2O - High Value	Integer	No			10	70	percent	
100	lep_l	LEP - Low Value	Float	No		1	0	30	percent	
101	lep_r	LEP - Representative Value	Float	No		1	0	30	percent	
102	lep_h	LEP - High Value	Float	No		1	0	30	percent	
103	ll_l	LL - Low Value	Float	No		1	0	400	percent	
104	ll_r	LL - Representative Value	Float	No		1	0	400	percent	
105	ll_h	LL - High Value	Float	No		1	0	400	percent	
106	pi_l	PI - Low Value	Float	No		1	0	130	percent	
107	pi_r	PI - Representative Value	Float	No		1	0	130	percent	
108	pi_h	PI - High Value	Float	No		1	0	130	percent	
109	aashind_l	AASHTO Group Index - Low Value	Integer	No			0	120		
110	aashind_r	AASHTO Group Index - Representative Value	Integer	No			0	120		
111	aashind_h	AASHTO Group Index - High Value	Integer	No			0	120		
112	kwfact	Kw	Choice	No	254					soil_erodibility_factor
113	kffact	Kf	Choice	No	254					soil_erodibility_factor
114	caco3_l	CaCO3 - Low Value	Integer	No			0	110	percent	
115	caco3_r	CaCO3 - Representative Value	Integer	No			0	110	percent	
116	caco3_h	CaCO3 - High Value	Integer	No			0	110	percent	
117	gypsum_l	Gypsum - Low Value	Integer	No			0	120	percent	
118	gypsum_r	Gypsum - Representative Value	Integer	No			0	120	percent	
119	gypsum_h	Gypsum - High Value	Integer	No			0	120	percent	
120	sar_l	SAR - Low Value	Float	No		1	0	9999		
121	sar_r	SAR - Representative Value	Float	No		1	0	9999		
122	sar_h	SAR - High Value	Float	No		1	0	9999		

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Table Physical Name: **chorizon**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
123	ec_l	EC - Low Value	Float	No		1	0	15000	millimhos per centimeter	
124	ec_r	EC - Representative Value	Float	No		1	0	15000	millimhos per centimeter	
125	ec_h	EC - High Value	Float	No		1	0	15000	millimhos per centimeter	
126	cec7_l	CEC-7 - Low Value	Float	No		1	0	400	milliequivalents per 100 grams	
127	cec7_r	CEC-7 - Representative Value	Float	No		1	0	400	milliequivalents per 100 grams	
128	cec7_h	CEC-7 - High Value	Float	No		1	0	400	milliequivalents per 100 grams	
129	ecec_l	ECEC - Low Value	Float	No		1	0	400	milliequivalents per 100 grams	
130	ecec_r	ECEC - Representative Value	Float	No		1	0	400	milliequivalents per 100 grams	
131	ecec_h	ECEC - High Value	Float	No		1	0	400	milliequivalents per 100 grams	
132	sumbases_l	Sum of Bases - Low Value	Float	No		1	0	300	milliequivalents per 100 grams	
133	sumbases_r	Sum of Bases - Representative Value	Float	No		1	0	300	milliequivalents per 100 grams	
134	sumbases_h	Sum of Bases - High Value	Float	No		1	0	300	milliequivalents per 100 grams	
135	ph1to1h2o_l	pH H2O - Low Value	Float	No		1	1.8	11		
136	ph1to1h2o_r	pH H2O - Representative Value	Float	No		1	1.8	11		
137	ph1to1h2o_h	pH H2O - High Value	Float	No		1	1.8	11		
138	ph01mcacl2_l	pH CaCl2 - Low Value	Float	No		1	1.8	11		
139	ph01mcacl2_r	pH CaCl2 - Representative Value	Float	No		1	1.8	11		
140	ph01mcacl2_h	pH CaCl2 - High Value	Float	No		1	1.8	11		
141	freeiron_l	Free Iron - Low Value	Float	No		2	0	100	percent	
142	freeiron_r	Free Iron - Representative Value	Float	No		2	0	100	percent	
143	freeiron_h	Free Iron - High Value	Float	No		2	0	100	percent	
144	feoxalate_l	Oxalate Fe - Low Value	Float	No		2	0	150000	milligrams per kilogram	
145	feoxalate_r	Oxalate Fe - Representative Value	Float	No		2	0	150000	milligrams per kilogram	
146	feoxalate_h	Oxalate Fe - High Value	Float	No		2	0	150000	milligrams per kilogram	

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Table Physical Name: **chorizon**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
147	extracid_l	Ext Acidity - Low Value	Float	No		1	0	250	milliequivalents per 100 grams	
148	extracid_r	Ext Acidity - Representative Value	Float	No		1	0	250	milliequivalents per 100 grams	
149	extracid_h	Ext Acidity - High Value	Float	No		1	0	250	milliequivalents per 100 grams	
150	extral_l	Extract Al - Low Value	Float	No		2	0	150	milliequivalents per 100 grams	
151	extral_r	Extract Al - Representative Value	Float	No		2	0	150	milliequivalents per 100 grams	
152	extral_h	Extract Al - High Value	Float	No		2	0	150	milliequivalents per 100 grams	
153	aloxalate_l	Oxalate Al - Low Value	Float	No		1	0	170000	milligrams per kilogram	
154	aloxalate_r	Oxalate Al - Representative Value	Float	No		1	0	170000	milligrams per kilogram	
155	aloxalate_h	Oxalate Al - High Value	Float	No		1	0	170000	milligrams per kilogram	
156	pbray1_l	Bray 1 Phos - Low Value	Float	No		1	0	500	milligrams per kilogram	
157	pbray1_r	Bray 1 Phos - Representative Value	Float	No		1	0	500	milligrams per kilogram	
158	pbray1_h	Bray 1 Phos - High Value	Float	No		1	0	500	milligrams per kilogram	
159	poxalate_l	Oxalate Phos - Low Value	Float	No		1	0		milligrams per kilogram	
160	poxalate_r	Oxalate Phos - Representative Value	Float	No		1	0		milligrams per kilogram	
161	poxalate_h	Oxalate Phos - High Value	Float	No		1	0		milligrams per kilogram	
162	ph2osoluble_l	Water Soluble Phos - Low Value	Float	No		1	0	5000	milligrams per kilogram	
163	ph2osoluble_r	Water Soluble Phos - Representative Value	Float	No		1	0	5000	milligrams per kilogram	
164	ph2osoluble_h	Water Soluble Phos - High Value	Float	No		1	0	5000	milligrams per kilogram	
165	ptotal_l	Total Phos - Low Value	Float	No		2	0		percent	
166	ptotal_r	Total Phos - Representative Value	Float	No		2	0		percent	
167	ptotal_h	Total Phos - High Value	Float	No		2	0		percent	
168	excavdifcl	Excav Diff	Choice	No	254					excavation_difficulty_class
169	excavdifms	Excav Diff Moisture	Choice	No	254					observed_soil_moisture_status
170	cokey	Component Key	String	Yes	30					
171	chkey	Chorizon Key	String	Yes	30					

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Table Physical Name: **chpores**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	poreqty_l	Quantity - Low Value	Float	No		1	0	99	pores per area	
2	poreqty_r	Quantity - Representative Value	Float	No		1	0	99	pores per area	
3	poreqty_h	Quantity - High Value	Float	No		1	0	99	pores per area	
4	poresize	Size	Choice	No	254					pore_root_size
5	porecont	Continuity	Choice	No	254					pore_continuity_vertical
6	poreshp	Shape	Choice	No	254					pore_shape
7	rvindicator	RV?	Boolean	Yes	3					
8	chkey	Chorizon Key	String	Yes	30					
9	chporeskey	Chorizon Pores Key	String	Yes	30					

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Table Physical Name: **chstruct**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	structgrade	Grade	Choice	No	254					structure_grade
2	structsize	Size	Choice	No	254					structure_size
3	structtype	Type	Choice	No	254					structure_type
4	structid	Structure ID	Integer	No			1			
5	structpartsto	Parts to Structure ID	Integer	No						
6	chstructgrpkey	Chorizon Structure Group Key	String	Yes	30					
7	chstructkey	Chorizon Structure Key	String	Yes	30					

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Table Physical Name: **chstructgrp**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	structgrpname	Structure	String	No	100					
2	rvindicator	RV?	Boolean	Yes	3					
3	chkey	Chorizon Key	String	Yes	30					
4	chstructgrpkey	Chorizon Structure Group Key	String	Yes	30					

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Table Physical Name: **chtext**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	reccdate	Date	Date/Time	No						
2	chorizontextkind	Kind	Choice	No	254					chorizon_text_kind
3	textcat	Category	String	No	20					
4	textsubcat	Subcategory	String	No	20					
5	text	Text	Vtext	No						
6	chkey	Chorizon Key	String	Yes	30					
7	chtextkey	Chorizon Text Key	String	Yes	30					

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Table Physical Name: **chttexture**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	texcl	Texture	Choice	No	254					texture_class
2	lieutex	In Lieu	Choice	No	254					terms_used_in_lieu_of_textu re
3	chtgkey	Chorizon Texture Group Key	String	Yes	30					
4	chtkey	Chorizon Texture Key	String	Yes	30					

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Table Physical Name: **chttexturegrp**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	texture	Tex Mod & Class	String	No	30					
2	stratextsflag	Stratified?	Boolean	Yes	3					
3	rvindicator	RV?	Boolean	Yes	3					
4	texdesc	Texture Description	Vtext	No						
5	chkey	Chorizon Key	String	Yes	30					
6	chtgkey	Chorizon Texture Group Key	String	Yes	30					

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Table Physical Name: **chttexturemod**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	texmod	Modifier	Choice	No	254					texture_modifier
2	chtkey	Chorizon Texture Key	String	Yes	30					
3	chtexmodkey	Chorizon Texture Modifier Key	String	Yes	30					

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Table Physical Name: **chunified**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	unifiedcl	Unified	Choice	No	254					unified_soil_classification
2	rvindicator	RV?	Boolean	Yes	3					
3	chkey	Chorizon Key	String	Yes	30					
4	chunifiedkey	Chorizon Unified Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cocanopycover**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	plantcov	Canopy Cover %	Integer	No			0	100	percent	
2	plantsym	Plant Symbol	String	Yes	8					
3	plantsciname	Scientific Name	String	No	127					
4	plantcomname	Common Name	String	No	60					
5	cokey	Component Key	String	Yes	30					
6	cocanopycovkey	Component Canopy Cover Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cocropyld**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	cropname	Crop Name	Choice	No	254					crop_name
2	yldunits	Units	Choice	No	254					crop_yield_units
3	nonirryield_l	Nirr Yield - Low Value	Float	No		2	0	9999.99		
4	nonirryield_r	Nirr Yield - Representative Value	Float	No		2	0	9999.99		
5	nonirryield_h	Nirr Yield - High Value	Float	No		2	0	9999.99		
6	irryield_l	Irr Yield - Low Value	Float	No		2	0	9999.99		
7	irryield_r	Irr Yield - Representative Value	Float	No		2	0	9999.99		
8	irryield_h	Irr Yield - High Value	Float	No		2	0	9999.99		
9	cropprodindex	Prod Index	Integer	No			0	100		
10	vasoiprdgrp	VA Soil Prod Grp	Choice	No	254					va_soil_productivity_group
11	cokey	Component Key	String	Yes	30					
12	cocropyldkey	Component Crop Yield Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **codiagfeatures**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	featkind	Kind	Choice	No	254					diag_horz_feat_kind
2	featdept_l	Top Depth - Low Value	Integer	No			0	9999	centimeters	
3	featdept_r	Top Depth - Representative Value	Integer	No			0	9999	centimeters	
4	featdept_h	Top Depth - High Value	Integer	No			0	9999	centimeters	
5	featdepb_l	Bottom Depth - Low Value	Integer	No			0	9999	centimeters	
6	featdepb_r	Bottom Depth - Representative Value	Integer	No			0	9999	centimeters	
7	featdepb_h	Bottom Depth - High Value	Integer	No			0	9999	centimeters	
8	featthick_l	Thickness - Low Value	Integer	No			0	9999	centimeters	
9	featthick_r	Thickness - Representative Value	Integer	No			0	9999	centimeters	
10	featthick_h	Thickness - High Value	Integer	No			0	9999	centimeters	
11	cokey	Component Key	String	Yes	30					
12	codiagfeatkey	Component Diagnostic Features Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **coecoclass**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	ecoclasstypename	Ecological Classification Type Name	String	Yes	60					
2	ecoclassref	Ecological Classification Reference	String	No	254					
3	ecoclassid	Ecological Classification ID	String	Yes	30					
4	ecoclassname	Ecological Classification Name	Vtext	No						
5	cokey	Component Key	String	Yes	30					
6	coecoclasskey	Component Ecological Classification Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **coeplants**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	plantsym	Plant Symbol	String	Yes	8					
2	plantsciname	Scientific Name	String	No	127					
3	plantcomname	Common Name	String	No	60					
4	forestunprod	Understory Prod %	Integer	No			0	100	percent	
5	rangeprod	Range Prod %	Integer	No			0	100	percent	
6	cokey	Component Key	String	Yes	30					
7	coeplantskey	Component Existing Plants Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **coerosionacc**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	erokind	Kind	Choice	No	254					erosion_accelerated_kind
2	rvindicator	RV?	Boolean	Yes	3					
3	cokey	Component Key	String	Yes	30					
4	coeroacckey	Component Erosion Accelerated Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **coforprod**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	plantsym	Plant Symbol	String	Yes	8					
2	plantsciname	Scientific Name	String	No	127					
3	plantcomname	Common Name	String	No	60					
4	siteindexbase	Site Index Base	Choice	No	254					site_index_curves
5	siteindex_l	Site Index - Low Value	Integer	No			1	300		
6	siteindex_r	Site Index - Representative Value	Integer	No			1	300		
7	siteindex_h	Site Index - High Value	Integer	No			1	300		
8	fprod_l	Productivity ft ³ /ac/yr CMAI - Low Value	Float	No		2	0	9999		
9	fprod_r	Productivity ft ³ /ac/yr CMAI - Representative Value	Float	No		2	0	9999		
10	fprod_h	Productivity ft ³ /ac/yr CMAI - High Value	Float	No		2	0	9999		
11	cokey	Component Key	String	Yes	30					
12	cofprodkey	Component Forest Productivity Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **coforprodo**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	siteindexbase	Site Index Base	Choice	No	254					site_index_curves
2	siteindex_l	Site Index - Low Value	Integer	No			1	300		
3	siteindex_r	Site Index - Representative Value	Integer	No			1	300		
4	siteindex_h	Site Index - High Value	Integer	No			1	300		
5	fprod_l	Productivity - Low Value	Float	No		2	0	9999		
6	fprod_r	Productivity - Representative Value	Float	No		2	0	9999		
7	fprod_h	Productivity - High Value	Float	No		2	0	9999		
8	fprodunits	Units	Choice	No	254					forest_productivity_units
9	cofprodkey	Component Forest Productivity Key	String	Yes	30					
10	cofprodokey	Component Forest Productivity Other Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cogeomordesc**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	geomftname	Feature Type	String	Yes	30					
2	geomfname	Feature Name	String	Yes	50					
3	geomfmod	Feature Modifier	String	No	60					
4	geomfeatid	Feature ID	Integer	No						
5	existsonfeat	Exists On Feature ID	Integer	No						
6	rvindicator	RV?	Boolean	Yes	3					
7	cokey	Component Key	String	Yes	30					
8	cogeomdkey	Component Geomorphic Description Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cohydriccriteria**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	hydriccriterion	Hydric Criterion	Choice	No	254					hydric_criteria
2	cokey	Component Key	String	Yes	30					
3	cohydrcritkey	Component Hydric Criteria Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cointerp**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	cokey	Component Key	String	Yes	30					
2	mrulekey	Main Rule Key	String	Yes	30					
3	mrulename	Main Rule Name	String	Yes	60					
4	seqnum	Seq	Integer	Yes			1			
5	rulekey	Rule Key	String	Yes	30					
6	rulename	Rule Name	String	Yes	60					
7	ruleddepth	Rule Depth	Integer	Yes						
8	interpII	Interp Low Low	Float	No		2				
9	interpIIc	Interp Low Low Class	String	No	254					
10	interpIrl	Interp Low Representative Value	Float	No		2				
11	interpIrlc	Interp Low Representative Value Class	String	No	254					
12	interpIrh	Interp High Representative Value	Float	No		2				
13	interpIrhc	Interp High Representative Value Class	String	No	254					
14	interpIhh	Interp High High	Float	No		2				
15	interpIhhc	Interp High High Class	String	No	254					
16	nullpropdatabool	Null Property Data Boolean	Boolean	No	3					
17	defpropdatabool	Default Property Data Boolean	Boolean	No	3					
18	incpropdatabool	Inconsistent Property Data Boolean	Boolean	No	3					
19	cointerpkey	Component Interpretation Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **comonth**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	monthseq	Month Sequence	Integer	No			1	12		
2	month	Month	Choice	No	254					flooding_ponding_month
3	flodfreqcl	Flooding Frequency	Choice	No	254					flooding_frequency_class
4	floddurcl	Flooding Duration	Choice	No	254					flooding_duration_class
5	pondfreqcl	Ponding Frequency	Choice	No	254					ponding_frequency_class
6	ponddurcl	Ponding Duration	Choice	No	254					ponding_duration_class
7	ponddep_l	Ponding Depth - Low Value	Integer	No			0	185	centimeters	
8	ponddep_r	Ponding Depth - Representative Value	Integer	No			0	185	centimeters	
9	ponddep_h	Ponding Depth - High Value	Integer	No			0	185	centimeters	
10	dlyavgprecip_l	Daily Precip - Low Value	Integer	No			0	750	millimeters	
11	dlyavgprecip_r	Daily Precip - Representative Value	Integer	No			0	750	millimeters	
12	dlyavgprecip_h	Daily Precip - High Value	Integer	No			0	750	millimeters	
13	dlyavgpotet_l	Daily ET - Low Value	Integer	No			0	300	millimeters	
14	dlyavgpotet_r	Daily ET - Representative Value	Integer	No			0	300	millimeters	
15	dlyavgpotet_h	Daily ET - High Value	Integer	No			0	300	millimeters	
16	cokey	Component Key	String	Yes	30					
17	comonthkey	Component Month Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **component**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	compct_l	Comp % - Low Value	Integer	No			0	100	percent	
2	compct_r	Comp % - Representative Value	Integer	No			0	100	percent	
3	compct_h	Comp % - High Value	Integer	No			0	100	percent	
4	compname	Component Name	String	No	60					
5	compkind	Kind	Choice	No	254					component_kind
6	majcompflag	Major Component	Boolean	No	3					
7	otherph	SIR phase	String	No	40					
8	localphase	Local Phase	String	No	40					
9	slope_l	Slope Gradient - Low Value	Float	No		1	0	999	percent	
10	slope_r	Slope Gradient - Representative Value	Float	No		1	0	999	percent	
11	slope_h	Slope Gradient - High Value	Float	No		1	0	999	percent	
12	slopelenusle_l	Slope Length USLE - Low Value	Integer	No			0	4000	meters	
13	slopelenusle_r	Slope Length USLE - Representative Value	Integer	No			0	4000	meters	
14	slopelenusle_h	Slope Length USLE - High Value	Integer	No			0	4000	meters	
15	runoff	Runoff Class	Choice	No	254					runoff
16	tfact	T	Integer	No			1	5	tons per acre per year	
17	wei	WEI	Choice	No	254				tons per acre per year	wind_erosibility_index
18	weg	WEG	Choice	No	254					wind_erosibility_group
19	erocl	Erosion Class	Choice	No	254					erosion_class
20	earthcovkind1	Cover Kind 1	Choice	No	254					earth_cover_kind_level_one
21	earthcovkind2	Cover Kind 2	Choice	No	254					earth_cover_kind_level_two
22	hydricon	Hydric Condition	Choice	No	254					hydric_condition
23	hydricrating	Hydric Rating	Choice	No	254					hydric_rating
24	drainagecl	Drainage Class	Choice	No	254					drainage_class
25	elev_l	Elevation - Low Value	Float	No		1	-300	8550	meters	
26	elev_r	Elevation - Representative Value	Float	No		1	-300	8550	meters	
27	elev_h	Elevation - High Value	Float	No		1	-300	8550	meters	
28	aspectccwise	Aspect Counter Clockwise	Integer	No			0	360	degrees	
29	aspectrep	Aspect Representative	Integer	No			0	360	degrees	
30	aspectwise	Aspect Clockwise	Integer	No			0	360	degrees	

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **component**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
31	geomdesc	Geomorphic Description	Vtext	No						
32	albedodry_l	Albedo Dry - Low Value	Float	No		2	0	1		
33	albedodry_r	Albedo Dry - Representative Value	Float	No		2	0	1		
34	albedodry_h	Albedo Dry - High Value	Float	No		2	0	1		
35	airtempa_l	MAAT - Low Value	Float	No		1	-50	50	degrees centigrade	
36	airtempa_r	MAAT - Representative Value	Float	No		1	-50	50	degrees centigrade	
37	airtempa_h	MAAT - High Value	Float	No		1	-50	50	degrees centigrade	
38	map_l	MAP - Low Value	Integer	No			0	11500	millimeters	
39	map_r	MAP - Representative Value	Integer	No			0	11500	millimeters	
40	map_h	MAP - High Value	Integer	No			0	11500	millimeters	
41	reannualprecip_l	REAP - Low Value	Integer	No			0	11500	millimeters	
42	reannualprecip_r	REAP - Representative Value	Integer	No			0	11500	millimeters	
43	reannualprecip_h	REAP - High Value	Integer	No			0	11500	millimeters	
44	ffd_l	Frost Free Days - Low Value	Integer	No			0	365	days	
45	ffd_r	Frost Free Days - Representative Value	Integer	No			0	365	days	
46	ffd_h	Frost Free Days - High Value	Integer	No			0	365	days	
47	nirrcapcl	Nirr LCC	Choice	No	254					capability_class
48	nirrcapscl	Nirr Subcl	Choice	No	254					capability_subclass
49	nirrcapunit	Nirr LCU	Integer	No			1	99		
50	irrcapcl	Irr LCC	Choice	No	254					capability_class
51	irrcapscl	Irr Subcl	Choice	No	254					capability_subclass
52	irrcapunit	Irr LCU	Integer	No			1	99		
53	cropprodindex	Prod Index	Integer	No			0	100		
54	constreeshrubgrp	Cons Tree Shrub Group	Choice	No	254					conservation_tree_shrub_group up
55	wndbrksuitgrp	Windbreak Suitability (Obsolete)	Choice	No	254					windbreak_suitability_group
56	rsprod_l	Range Prod - Low Value	Integer	No			0	20000	pounds per acre per year	
57	rsprod_r	Range Prod - Representative Value	Integer	No			0	20000	pounds per acre per year	
58	rsprod_h	Range Prod - High Value	Integer	No			0	20000	pounds per acre per year	
59	foragesuitgrp	Forage Suitability Group ID	String	No	11					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **component**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
60	wlgrain	Grain Habitat	Choice	No	254					wildlife_rating
61	wlgrass	Grass Habitat	Choice	No	254					wildlife_rating
62	wlherbaceous	Herbaceous Habitat	Choice	No	254					wildlife_rating
63	wlshrub	Shrub Habitat	Choice	No	254					wildlife_rating
64	wlconiferous	Conifer Habitat	Choice	No	254					wildlife_rating
65	wlhardwood	Hardwood Habitat	Choice	No	254					wildlife_rating
66	wlwetplant	Wetland Habitat	Choice	No	254					wildlife_rating
67	wlshallowwat	Water Habitat	Choice	No	254					wildlife_rating
68	wlrangeland	Rangeland Wildlife	Choice	No	254					wildlife_rating
69	wlopenland	Openland Wildlife	Choice	No	254					wildlife_rating
70	wlwoodland	Woodland Wildlife	Choice	No	254					wildlife_rating
71	wlwetland	Wetland Wildlife	Choice	No	254					wildlife_rating
72	soilslippot	Soil Slip Pot	Choice	No	254					soil_slippage_potential
73	frostact	Frost Action	Choice	No	254					potential_frost_action
74	initsub_l	Init Subsid - Low Value	Integer	No			0	999	centimeters	
75	initsub_r	Init Subsid - Representative Value	Integer	No			0	999	centimeters	
76	initsub_h	Init Subsid - High Value	Integer	No			0	999	centimeters	
77	totalsub_l	Total Subsid - Low Value	Integer	No			0	999	centimeters	
78	totalsub_r	Total Subsid - Representative Value	Integer	No			0	999	centimeters	
79	totalsub_h	Total Subsid - High Value	Integer	No			0	999	centimeters	
80	hydgrp	Hydrologic Group	Choice	No	254					hydrologic_group
81	corcon	Corrosion Concrete	Choice	No	254					corrosion_concrete
82	corsteel	Corrosion Steel	Choice	No	254					corrosion_uncoated_steel
83	taxclname	Taxonomic Class	String	No	120					
84	taxorder	Order	Choice	No	254					taxonomic_order
85	taxsuborder	Suborder	Choice	No	254					taxonomic_suborder
86	taxgrtgroup	Great Group	Choice	No	254					taxonomic_great_group
87	taxsubgrp	Subgroup	Choice	No	254					taxonomic_subgroup
88	taxpartsize	Particle Size	Choice	No	254					taxonomic_family_particle_size

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **component**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
89	taxpartsize	Particle Size Mod	Choice	No	254					taxonomic_family_part_size_mod
90	taxceactcl	CEC Activity Cl	Choice	No	254					taxonomic_family_c_e_act_class
91	taxreaction	Reaction	Choice	No	254					taxonomic_family_reaction
92	taxtempcl	Temp Class	Choice	No	254					taxonomic_family_temp_classes
93	taxmoistscl	Moist Subclass	Choice	No	254					taxonomic_moisture_subclasses
94	taxtempregime	Temp Regime	Choice	No	254					taxonomic_temp_regime
95	soiltaxedition	Keys to Taxonomy Edition Used	Choice	No	254					soil_taxonomy_edition
96	castorieindex	CA Storie Index	Integer	No			0	100		
97	flecolcomnum	FL Ecol Comm #	String	No	5					
98	flhe	FL HE	Boolean	No	3					
99	flphe	FL PHE	Boolean	No	3					
100	fsoilleachpot	FL Leach Pot	Choice	No	254					fl_soil_leaching_potential
101	fsoirunoffpot	FL Runoff Pot	Choice	No	254					fl_soil_runoff_potential
102	fitemik2use	FL Temik	Boolean	No	3					
103	fltriumph2use	FL Triumph	Boolean	No	3					
104	indraingrp	IN Drainage Grp	String	No	3					
105	innitrateleachi	IN NO3 Leach Index	Integer	No			0	99		
106	misoimgmtgrp	MI Soil Mgmt Grp	Choice	No	254					mi_soil_management_group
107	vasoimgtgrp	VA Soil Mgmt Grp	Choice	No	254					va_soil_management_group
108	mukey	Mapunit Key	String	Yes	30					
109	cokey	Component Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **copm**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	pmorder	Vertical Order	Integer	No			1			
2	pmmodifier	Textural Modifier	Choice	No	254					parent_material_modifier
3	pmgenmod	General Modifier	String	No	60					
4	pmkind	Kind	Choice	No	254					parent_material_kind
5	pmorigin	Origin	Choice	No	254					parent_material_origin
6	copmgrpkey	Component Parent Material Group Key	String	Yes	30					
7	copmkey	Component Parent Material Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **copmgrp**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	pmgroupname	Group Name	String	No	252					
2	rvindicator	RV?	Boolean	Yes	3					
3	cokey	Component Key	String	Yes	30					
4	copmgrpkey	Component Parent Material Group Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **copwindbreak**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	wndbrkht_l	Height - Low Value	Float	No		1	0.1	35	meters	
2	wndbrkht_r	Height - Representative Value	Float	No		1	0.1	35	meters	
3	wndbrkht_h	Height - High Value	Float	No		1	0.1	35	meters	
4	plantsym	Plant Symbol	String	Yes	8					
5	plantsciname	Scientific Name	String	No	127					
6	plantcomname	Common Name	String	No	60					
7	cokey	Component Key	String	Yes	30					
8	copwindbreakkey	Component Potential Windbreak Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **corestrictions**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	reskind	Kind	Choice	No	254					restriction_kind
2	reshard	Hardness	Choice	No	254					rupture_resist_block_cem
3	resdept_l	Top Depth - Low Value	Integer	No			0	9999	centimeters	
4	resdept_r	Top Depth - Representative Value	Integer	No			0	9999	centimeters	
5	resdept_h	Top Depth - High Value	Integer	No			0	9999	centimeters	
6	resdepb_l	Bottom Depth - Low Value	Integer	No			0	9999	centimeters	
7	resdepb_r	Bottom Depth - Representative Value	Integer	No			0	9999	centimeters	
8	resdepb_h	Bottom Depth - High Value	Integer	No			0	9999	centimeters	
9	resthk_l	Thickness - Low Value	Integer	No			0	999	centimeters	
10	resthk_r	Thickness - Representative Value	Integer	No			0	999	centimeters	
11	resthk_h	Thickness - High Value	Integer	No			0	999	centimeters	
12	cokey	Component Key	String	Yes	30					
13	corestrictkey	Component Restrictions Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cosoilmoist**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	soimoistdept_l	Top Depth - Low Value	Integer	No			0	9999	centimeters	
2	soimoistdept_r	Top Depth - Representative Value	Integer	No			0	9999	centimeters	
3	soimoistdept_h	Top Depth - High Value	Integer	No			0	9999	centimeters	
4	soimoistdepb_l	Bottom Depth - Low Value	Integer	No			0	9999	centimeters	
5	soimoistdepb_r	Bottom Depth - Representative Value	Integer	No			0	9999	centimeters	
6	soimoistdepb_h	Bottom Depth - High Value	Integer	No			0	9999	centimeters	
7	soimoiststat	Moisture Status	Choice	No	254					soil_moisture_status
8	comonthkey	Component Month Key	String	Yes	30					
9	cosoilmoistkey	Component Soil Moisture Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cosoiltemp**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	soitmpmm	Monthly Temp	Integer	No			-25	50	degrees centigrade	
2	soitmpdept_l	Top Depth - Low Value	Integer	No			0	9999	centimeters	
3	soitmpdept_r	Top Depth - Representative Value	Integer	No			0	9999	centimeters	
4	soitmpdept_h	Top Depth - High Value	Integer	No			0	9999	centimeters	
5	soitmpdepb_l	Bottom Depth - Low Value	Integer	No			0	9999	centimeters	
6	soitmpdepb_r	Bottom Depth - Representative Value	Integer	No			0	9999	centimeters	
7	soitmpdepb_h	Bottom Depth - High Value	Integer	No			0	9999	centimeters	
8	comonthkey	Component Month Key	String	Yes	30					
9	cosoiltempkey	Component Soil Temperature Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cosurffrags**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	sfragcov_l	Cover % - Low Value	Float	No		2	0	100	percent	
2	sfragcov_r	Cover % - Representative Value	Float	No		2	0	100	percent	
3	sfragcov_h	Cover % - High Value	Float	No		2	0	100	percent	
4	distrocks_l	Spacing - Low Value	Float	No		2	0	50	meters	
5	distrocks_r	Spacing - Representative Value	Float	No		2	0	50	meters	
6	distrocks_h	Spacing - High Value	Float	No		2	0	50	meters	
7	sfragkind	Kind	Choice	No	254					fragment_kind
8	sfragsize_l	Size - Low Value	Integer	No			2	3000	millimeters	
9	sfragsize_r	Size - Representative Value	Integer	No			2	3000	millimeters	
10	sfragsize_h	Size - High Value	Integer	No			2	3000	millimeters	
11	sfragshp	Shape	Choice	No	254					fragment_shape
12	sfraground	Roundness	Choice	No	254					fragment_roundness
13	sfraghard	Hardness	Choice	No	254					rupture_resist_block_cem
14	cokey	Component Key	String	Yes	30					
15	cosurffragskey	Component Surface Fragments Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cosurfmorphgc**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	geomposmntn	Geomorphic Component - Mountains	Choice	No	254					geomor_pos_mountain
2	geomposhill	Geomorphic Component - Hills	Choice	No	254					geomor_pos_hill
3	geompostrce	Geomorphic Component - Terraces	Choice	No	254					geomor_pos_terrace
4	geomposflats	Geomorphic Component - Flats	Choice	No	254					geomor_pos_flat
5	cogeomdkey	Component Geomorphic Description Key	String	Yes	30					
6	cosurfmorgckey	Component Surface Morphometry - Geomorphic Component Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cosurfmorphhpp**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	hillslopeprof	Hillslope Profile	Choice	No	254					hillslope_profile
2	cogeomdkey	Component Geomorphic Description Key	String	Yes	30					
3	cosurfmorphppkey	Component Surface Morphometry - Hillslope Profile Position	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cosurfmorphmr**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	geomicrorelief	Microrelief Kind	Choice	No	254					micro_relief_kind
2	cogeomdkey	Component Geomorphic Description Key	String	Yes	30					
3	cosurfmormrkey	Component Surface Morphometry - Micro Relief Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cosurfmorphss**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	shapeacross	Slope Shape Across	Choice	No	254					slope_shape
2	shapedown	Slope Shape Up/Down	Choice	No	254					slope_shape
3	cogeomdkey	Component Geomorphic Description Key	String	Yes	30					
4	cosurfmorsskey	Component Surface Morphometry - Slope Shape Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cotaxfmmin**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	taxminalogy	Mineralogy	Choice	No	254					taxonomic_family_mineralogy
2	cokey	Component Key	String	Yes	30					
3	cotaxfmminkey	Component Taxonomic Family Mineralogy Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cotaxmoistcl**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	taxmoistcl	Moisture Class	Choice	No	254					taxonomic_moisture_class
2	cokey	Component Key	String	Yes	30					
3	cotaxmckey	Component Taxonomic Family Moisture Class Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cotext**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	reccdate	Date	Date/Time	No						
2	comptextkind	Kind	Choice	No	254					component_text_kind
3	textcat	Category	String	No	20					
4	textsubcat	Subcategory	String	No	20					
5	text	Text	Vtext	No						
6	cokey	Component Key	String	Yes	30					
7	cotextkey	Component Text Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cotreestomng**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	plantsym	Plant Symbol	String	Yes	8					
2	plantsciname	Scientific Name	String	No	127					
3	plantcomname	Common Name	String	No	60					
4	cokey	Component Key	String	Yes	30					
5	cotreestomngkey	Component Trees to Manage Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **cotxfmother**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	taxfamother	Family Other	Choice	No	254					taxonomic_family_other
2	cokey	Component Key	String	Yes	30					
3	cotaxfokey	Component Taxonomic Family Other Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **distinterpmd**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	rulename	Rule Name	String	No	60					
2	ruledesign	Rule Design	Choice	Yes	254					rule_design
3	ruledesc	Description	Vtext	No						
4	dataafuse	Ready to use?	Boolean	No	3					
5	mrecentrulecwlu	Most Recent Rule Component When Last Updated	Date/Time	No						
6	rulekey	Rule Key	String	Yes	30					
7	distmdkey	Distribution Metadata Key	String	Yes	30					
8	distinterpmdkey	Distribution Interpretation Metadata Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **distlegendmd**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areatypename	Area Type Name	String	No	45					
2	areasymbol	Area Symbol	String	No	20					
3	areaname	Area Name	String	No	135					
4	ssastatus	Survey Status	Choice	No	254					soil_survey_area_status
5	cordate	Correlation Date	Date/Time	No						
6	exportcertstatus	Export Certification Status	Choice	No	254					export_certification_status
7	exportcertdate	Export Certification Date	Date/Time	No						
8	exportmetadata	Export Metadata	Vtext	No						
9	lkey	Legend Key	String	Yes	30					
10	distmdkey	Distribution Metadata Key	String	Yes	30					
11	distlegendmdkey	Distribution Legend Metadata Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **distmd**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	distgendate	Distribution Generation Date	Date/Time	No						
2	diststatus	Distribution Status	Choice	Yes	254					distribution_status
3	interpmaxreasons	Interpretation Maximum Reasons	Integer	No			0			
4	distmdkey	Distribution Metadata Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **featdesc**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasympol	Area Symbol	String	Yes	20					
2	spatialversion	Spatial Version	Integer	Yes						
3	featsym	Feature Symbol	String	Yes	3					
4	featname	Feature Name	String	Yes	80					
5	featdesc	Feature Description	Vtext	Yes						
6	featkey	Feature Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **featline**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasympol	Area Symbol	String	Yes	20					
2	spatialversion	Spatial Version	Integer	Yes						
3	featsym	Feature Symbol	String	Yes	3					
4	featkey	Feature Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **featpoint**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasympol	Area Symbol	String	Yes	20					
2	spatialversion	Spatial Version	Integer	Yes						
3	featsym	Feature Symbol	String	Yes	3					
4	featkey	Feature Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **laoverlap**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areatypename	Area Type Name	String	Yes	45					
2	areasymbol	Area Symbol	String	Yes	20					
3	areaname	Area Name	String	No	135					
4	areaovacres	Overlap Acres	Integer	No			0		acres	
5	lkey	Legend Key	String	Yes	30					
6	lareaovkey	Legend Area Overlap Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **legend**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areatypename	Area Type Name	String	Yes	45					
2	areasymbol	Area Symbol	String	Yes	20					
3	areaname	Area Name	String	No	135					
4	areaacres	Area Acres	Integer	No			0		acres	
5	mlraoffice	MLRA Office	Choice	No	254					mlra_office
6	legenddesc	Legend Description	String	No	60					
7	ssastatus	Survey Status	Choice	No	254					soil_survey_area_status
8	mouagencyresp	MOU Agency Responsible	Choice	No	254					mou_agency_responsible
9	projectscale	Project Scale	Integer	No						
10	cordate	Correlation Date	Date/Time	No						
11	ssurgoarchived	SSURGO Archived	Date/Time	No						
12	legendsuituse	Geographic Applicability	Choice	No	254					legend_suitability_for_use
13	legendcertstat	Legend Certification Status	Choice	No	254					legend_certification_status
14	lkey	Legend Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **legendtext**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	recdate	Date	Date/Time	No						
2	legendtextkind	Kind	Choice	No	254					legend_text_kind
3	textcat	Category	String	No	20					
4	textsubcat	Subcategory	String	No	20					
5	text	Text	Vtext	No						
6	lkey	Legend Key	String	Yes	30					
7	legtextkey	Legend Text Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mapunit**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	musym	Mapunit Symbol	String	Yes	6					
2	muname	Mapunit Name	String	No	175					
3	mukind	Kind	Choice	No	254					mapunit_kind
4	mustatus	Status	Choice	No	254					mapunit_status
5	muacres	Total Acres	Integer	No			0		acres	
6	mapunitfw_l	Linear Feature Width - Low Value	Integer	No					meters	
7	mapunitfw_r	Linear Feature Width - Representative Value	Integer	No					meters	
8	mapunitfw_h	Linear Feature Width - High Value	Integer	No					meters	
9	mapunitpfa_l	Point Feature Area - Low Value	Float	No		1	0.1	10	acres	
10	mapunitpfa_r	Point Feature Area - Representative Value	Float	No		1	0.1	10	acres	
11	mapunitpfa_h	Point Feature Area - High Value	Float	No		1	0.1	10	acres	
12	farmlandcl	Farm Class	Choice	No	254					farmland_classification
13	muhelcl	HEL	Choice	No	254					mapunit_hel_class
14	muwathelcl	HEL Water	Choice	No	254					mapunit_hel_class
15	muwndhelcl	HEL Wind	Choice	No	254					mapunit_hel_class
16	interpfocus	Interpretive Focus	String	No	30					
17	invesintens	Order of Mapping	Choice	No	254					investigation_intensity
18	iacornsr	IA CSR	Integer	No			5	100		
19	nhiforsoigrp	NH Forest Soil Grp	Choice	No	254					nh_important_forest_soil_group
20	nhspiagr	NH SPI Agr	Float	No		1	0	100		
21	vtsepticsyscl	VT Septic System	Choice	No	254					vt_septic_system_class
22	mucertstat	Map Unit Certification Status	Choice	No	254					mapunit_certification_status
23	lkey	Legend Key	String	Yes	30					
24	mukey	Mapunit Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mdstatdomdet**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	domainname	Domain Name	String	Yes	40					
2	choicesequence	Choice Sequence	Integer	Yes						
3	choice	Choice	String	Yes	254					
4	choicedesc	Choice Description	Vtext	No						
5	choiceobsolete	Obsolete Choice?	Boolean	Yes	3					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mdstatdommas**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	domainname	Domain Name	String	Yes	40					
2	domainmaxlen	Domain Maximum Length	Integer	Yes			1	254		

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mdstatidxdet**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	tabphyname	Table Physical Name	String	Yes	18					
2	idxphyname	Index Physical Name	String	Yes	15					
3	idxcolsequence	Index Column Sequence	Integer	Yes						
4	colphyname	Column Physical Name	String	Yes	18					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mdstatidxmas**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	tabphyname	Table Physical Name	String	Yes	18					
2	idxphyname	Index Physical Name	String	Yes	15					
3	uniqueindex	Unique Index?	Boolean	Yes	3					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mdstatrshipdet**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	ltabphname	Left Table Physical Name	String	Yes	18					
2	rtabphname	Right Table Physical Name	String	Yes	18					
3	relationshipname	Relationship Name	String	Yes	30					
4	ltabcolphname	Left Table Column Physical Name	String	Yes	16					
5	rtabcolphname	Right Table Column Physical Name	String	Yes	16					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mdstatrshipmas**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	ltabphname	Left Table Physical Name	String	Yes	18					
2	rtabphname	Right Table Physical Name	String	Yes	18					
3	relationshipname	Relationship Name	String	Yes	30					
4	cardinality	Cardinality	Choice	Yes	254					cardinality
5	mandatory	Mandatory?	Boolean	Yes	3					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mdstatabcols**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	tabphyname	Table Physical Name	String	Yes	18					
2	colsequence	Column Sequence	Integer	Yes						
3	colphyname	Column Physical Name	String	Yes	18					
4	collogname	Column Logical Name	String	Yes	30					
5	collabel	Column Label	String	Yes	80					
6	logicaldatatype	Logical Data Type	Choice	Yes	254					logical_data_type_ssurgo
7	notnull	Not Null?	Boolean	Yes	3					
8	fieldsize	Field Size	Integer	No						
9	precision	Precision	Integer	No						
10	minimum	Minimum	Float	No			2			
11	maximum	Maximum	Float	No			2			
12	uom	Unit of Measure	String	No	60					
13	domainname	Domain Name	String	No	40					
14	coldesc	Column Description	Vtext	Yes						

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mdstattabs**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	tabphyname	Table Physical Name	String	Yes	18					
2	tablogname	Table Logical Name	String	Yes	30					
3	tablabel	Table Label	String	Yes	80					
4	tabdesc	Table Description	Vtext	Yes						
5	iefilename	Import/Export File Name	String	Yes	8					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **muaggatt**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	musym	Mapunit Symbol	String	Yes	6					
2	muname	Mapunit Name	String	No	175					
3	mustatus	Status	Choice	No	254					mapunit_status
4	slopegraddcp	Slope Gradient - Dominant Component	Float	No		1			percent	
5	slopegradwta	Slope Gradient - Weighted Average	Float	No		1			percent	
6	brockdepmin	Bedrock Depth - Minimum	Integer	No					centimeters	
7	wtdepanmin	Water Table Depth - Annual - Minimum	Integer	No					centimeters	
8	wtdepaprjunmin	Water Table Depth - April - June - Minimum	Integer	No					centimeters	
9	flodfreqdcd	Flooding Frequency - Dominant Condition	Choice	No	254					flooding_frequency_class
10	flodfreqmax	Flooding Frequency - Maximum	Choice	No	254					flooding_frequency_class
11	pondfreqprs	Ponding Frequency - Presence	Choice	No	254					ponding_frequency_map_leg end
12	aws025wta	Available Water Storage 0-25 cm - Weighted Average	Float	No		2			centimeters	
13	aws050wta	Available Water Storage 0-50 cm - Weighted Average	Float	No		2			centimeters	
14	aws0100wta	Available Water Storage 0-100 cm - Weighted Average	Float	No		2			centimeters	
15	aws0150wta	Available Water Storage 0-150 cm - Weighted Average	Float	No		2			centimeters	
16	drclassdcd	Drainage Class - Dominant Condition	Choice	No	254					drainage_class
17	drclasswetest	Drainage Class - Wettest	Choice	No	254					drainage_class
18	hydrgrpdcd	Hydrologic Group - Dominant Conditions	Choice	No	254					hydrologic_group
19	iccdcd	Irrigated Capability Class - Dominant Condition	Choice	No	254					capability_class
20	iccdcdpct	Irrigated Capability Class - Dominant Condition Aggregate Percent	Integer	No			0	100		
21	niccdcd	Non-Irrigated Capability Class - Dominant Condition	Choice	No	254					capability_class
22	niccdcdpct	Non-Irrigated Capability Class - Dominant Condition Aggregate Percent	Integer	No			0	100		

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **muaggatt**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
23	engdwobdcd	ENG - Dwellings W/O Basements - Dominant Condition	String	No	254					
24	engdwbdcd	ENG - Dwellings with Basements - Dominant Condition	String	No	254					
25	engdwbll	ENG - Dwellings with Basements - Least Limiting	String	No	254					
26	engdwbml	ENG - Dwellings with Basements - Most Limiting	String	No	254					
27	engstafdcd	ENG - Septic Tank Absorption Fields - Dominant Condition	String	No	254					
28	engstafll	ENG - Septic Tank Absorption Fields - Least Limiting	String	No	254					
29	engstafml	ENG - Septic Tank Absorption Fields - Most Limiting	String	No	254					
30	engslgcd	ENG - Sewage Lagoons - Dominant Condition	String	No	254					
31	engslgcdp	ENG - Sewage Lagoons - Dominant Component	String	No	254					
32	englrsgcd	ENG - Local Roads and Streets - Dominant Condition	String	No	254					
33	engcmssgcd	ENG - Construction Materials; Sand Source - Dominant Condition	String	No	254					
34	engcmssmp	ENG - Construction Materials; Sand Source - Most Probable	String	No	254					
35	urbrecptgcd	URB/REC - Paths and Trails - Dominant Condition	String	No	254					
36	urbrecptwta	URB/REC - Paths and Trails - Weighted Average	Float	No		2				
37	forpehrtgcd	FOR - Potential Erosion Hazard (Road/Trail) - Dominant Component	String	No	254					
38	hydclprs	Hydric Classification - Presence	Choice	No	254					hydric_classification_map_legend
39	awmmfpwwta	AWM - Manure and Food Processing Waste - Weighted Average	Float	No		2				
40	mukey	Mapunit Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **muaoverlap**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areaovacres	Overlap Acres	Integer	No			0		acres	
2	lareaovkey	Legend Area Overlap Key	String	Yes	30					
3	mukey	Mapunit Key	String	Yes	30					
4	muareaovkey	Mapunit Area Overlap Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mucropyld**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	cropname	Crop Name	Choice	No	254					crop_name
2	yldunits	Units	Choice	No	254					crop_yield_units
3	nonirryield_l	Nirr Yield - Low Value	Float	No		2	0	9999.99		
4	nonirryield_r	Nirr Yield - Representative Value	Float	No		2	0	9999.99		
5	nonirryield_h	Nirr Yield - High Value	Float	No		2	0	9999.99		
6	irryield_l	Irr Yield - Low Value	Float	No		2	0	9999.99		
7	irryield_r	Irr Yield - Representative Value	Float	No		2	0	9999.99		
8	irryield_h	Irr Yield - High Value	Float	No		2	0	9999.99		
9	mukey	Mapunit Key	String	Yes	30					
10	mucrpyldkey	Mapunit Crop Yield Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **muline**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasybol	Area Symbol	String	Yes	20					
2	spatialversion	Spatial Version	Integer	Yes						
3	musym	Mapunit Symbol	String	Yes	6					
4	mukey	Mapunit Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mupoint**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasybol	Area Symbol	String	Yes	20					
2	spatialversion	Spatial Version	Integer	Yes						
3	musym	Mapunit Symbol	String	Yes	6					
4	mukey	Mapunit Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mupolygon**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasybol	Area Symbol	String	Yes	20					
2	spatialversion	Spatial Version	Integer	Yes						
3	musym	Mapunit Symbol	String	Yes	6					
4	mukey	Mapunit Key	String	No	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **mutext**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	reccdate	Date	Date/Time	No						
2	mapunittextkind	Kind	Choice	No	254					mapunit_text_kind
3	textcat	Category	String	No	20					
4	textsubcat	Subcategory	String	No	20					
5	text	Text	Vtext	No						
6	mukey	Mapunit Key	String	Yes	30					
7	mutextkey	Mapunit Text Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **sacatalog**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasybol	Area Symbol	String	Yes	20					
2	areaname	Area Name	String	Yes	135					
3	saversion	Survey Area Version	Integer	Yes						
4	saverest	Survey Area Version Established	Date/Time	Yes						
5	tabularversion	Tabular Version	Integer	Yes						
6	tabularverest	Tabular Version Established	Date/Time	Yes						
7	tabnasisexportdate	Tabular NASIS Export Date	Date/Time	Yes						
8	tabcertstatus	Tabular Certification Status	Choice	No	254					export_certification_status
9	tabcertstatusdesc	Tabular Certification Status Description	Vtext	No						
10	fgdcmetadata	FGDC Metadata	Vtext	Yes						
11	sacatalogkey	Survey Area Catalog Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **sainterp**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasybol	Area Symbol	String	Yes	20					
2	interpname	Interpretation Name	String	Yes	60					
3	interptype	Interpretation Type	Choice	Yes	254					rule_design
4	interpdesc	Interpretation Description	Vtext	No						
5	interpdesigndate	Interpretation Design Date	Date/Time	Yes						
6	interpgendate	Interpretation Generation Date	Date/Time	Yes						
7	interpmaxreasons	Interpretation Maximum Reasons	Integer	No				0		
8	sacatalogkey	Survey Area Catalog Key	String	Yes	30					
9	sainterpkey	Survey Area Interpretation Key	String	Yes	30					

SSURGO Metadata - Table Columns

SSURGO Metadata Version: 2.1.1

Table Physical Name: **sapolygon**

Seq	Column Physical Name	Column Label	Logical Data Type	Not Null	Size	Prec	Min	Max	Units of Measure	Domain
1	areasybol	Area Symbol	String	Yes	20					
2	spatialversion	Spatial Version	Integer	Yes						
3	lkey	Legend Key	String	Yes	30					