SSURGO Metadata - Domains

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Domain Name: **aashto_group_classification** Length of Longest Choice Value: 5

Seq	Obsolete?	Choice Value	Choice Description
1	No	A-1	*Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand.*
2	No	A-1-a	
3	No	A-1-b	
4	No	A-2	*Granular materials (35% or less passing No. 200), silty or clayey gravel and sand.*
5	No	A-2-4	
6	No	A-2-5	
7	No	A-2-6	
8	No	A-2-7	
9	No	A-3	*Granular materials (35% or less passing No. 200), fine sand.*
10	No	A-4	*Silt-Clay materials (more than 35% passing NO. 200), silty soils.*
11	No	A-5	*Silt-Clay Materials (more than 35% passing No. 200), clayey soils.*
12	No	A-6	*Silt-Clay materials (more than 35% passing No. 200) clayey soils.*
13	No	A-7	*Silt-Clay materials (more than 35% passing No. 200), clayey soils.*
14	No	A-7-5	
15	No	A-7-6	
16	No	A-8	

Domain Name: **algorithm** Length of Longest Choice Value: 18

Seq	Obsolete?	Choice Value	Choice Description
1	No	Dominant Condition	
2	No	Dominant Soil	
3	No	Most Limiting	
4	No	Least Limiting	
5	No	Weighted Average	
6	No	All Components	
7	No	Absence/Presence	
8	No	No Aggregation	

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Domain Name: **attributetype** Length of Longest Choice Value: 14

Seq	Obsolete?	Choice Value	Choice Description
1	No	Interpretation	
2	No	Property	

Domain Name: **capability_class** Length of Longest Choice Value: 1

Seq	Obsolete?	Choice Value	Choice Description
1	No	1	*Soils in Class 1 have few limitations that restrict their use.*
2	No	2	*Soils in Class 2 have some limitations that reduce the choice of plants or require moderate conservation practices*
3	No	3	*Soils in Class 3 have severe limitations that reduce the choice of plants or require special conservation practices, or both.*
4	No	4	*Soils in Class 4 have very severe limitations that restrict the choice of plants, require very careful management, or both*
5	No	5	*Soils in Class 5 have little or no erosion hazard, but have other limitations impractical to remove that limit their use.*
6	No	6	*Soils in Class 6 have very severe limitations that make them generally unsuited to cultivation and limit their use largely to pasture, etc.*
7	No	7	*Soils in Class 7 have very severe limitations that make them unsuited to cultivation and that restrict their use to grazing, etc.*
8	No	8	*Soils (and landforms) in Class 8 have limitations that preclude their use for commercial plant production and restrict their use.*

Domain Name: **capability_subclass** Length of Longest Choice Value: 1

Seq	Obsolete?	Choice Value	Choice Description
1	No	e	*erosion*
2	No	w	*excess water*
3	No	s	*soil limitations within the rooting zone*
4	No	c	*climate condition*

Domain Name: **cardinality** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
1	No	One to One	
2	No	One to Many	

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Domain Name: **chorizon_text_kind** Length of Longest Choice Value: 24

Seq	Obsolete?	Choice Value	Choice Description
1	No	Edit notes	*Text entries that describe what changes were made to the data and why those changes were made.*
2	No	Miscellaneous notes	*Text entries not related to any of the other choices.*
3	Yes	Certification notes	*Indicates records that contain notes related to certification of data objects. Typically, data elements certified in the object are listed in the text attached to this record.*
4	Yes	Correlation notes	
5	Yes	Nontechnical description	
6	Yes	SOI5 description	

Domain Name: **component_kind** Length of Longest Choice Value: 18

Seq	Obsolete?	Choice Value	Choice Description
1	No	Family	*The component is classified and described at the family level of Soil Taxonomy.*
2	No	Miscellaneous area	*The component is classified and described as a non-soil area.*
3	No	Series	*The component is classified and described at the soil series level, the lowest level of Soil Taxonomy.*
4	No	Taxadjunct	*The component is described slightly outside the Soil Taxomonic limits of the name assigned. However, these differences are not significant enough to affect use and management of the soil.*
5	No	Taxon above family	*The component is described and classified at some level of Soil Taxonomy above the family level.*
6	Yes	Variant	*The component is described as being outside the range of the series for which it is named. The differences are great enough to warrant a new series, they do affect the use and management of the soil, but the geographical extent is considered too small to justify creating a new series.*

Domain Name: **component_text_kind** Length of Longest Choice Value: 24

Seq	Obsolete?	Choice Value	Choice Description
1	No	Edit notes	*Text entries that describe what changes were made to the component object, exclusive of the horizon object, and why those changes were made.*
2	No	Correlation notes	*Text entries that document correlation concerns that affect this component. For example, notes about the comparison of this component to the official series for which it is named.*
3	No	SOI5 description	*The SOI-5 description converted from SSSD.*
4	No	Miscellaneous notes	*Text entries not related to any of the other choices.*
5	Yes	Nontechnical description	
6	Yes	Certification notes	*Indicates records that contain notes related to certification of data objects. Typically, data elements certified in the object are listed in the text attached to this record.*

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SSURGO Metadata Version: 2.2.3

Domain Name: **conservation_tree_shrub_group**

Length of Longest Choice Value: 14

Seq	Obsolete?	Choice Value	Choice Description
1	No	1	
2	No	1A	
3	No	1H	
4	No	1K	
5	No	1KK	
6	No	1S	
7	No	1SK	
8	No	1SKK	
9	No	2	
10	No	2A	
11	No	2H	
12	No	2K	
13	No	2KK	
14	No	3	
15	No	3A	
16	No	4	
17	No	4A	
18	No	4C	
19	No	4CA	
20	No	4CC	
21	No	4CK	
22	No	4K	
23	No	5	
24	No	5A	
25	No	5K	
26	No	5KK	
27	No	6	
28	No	6A	
29	No	6D	
30	No	6DA	
31	No	6DK	
32	No	6G	

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Domain Name: **conservation_tree_shrub_group** Length of Longest Choice Value: 14

Seq	Obsolete?	Choice Value	Choice Description
33	No	6GA	
34	No	6GK	
35	No	6GKK	
36	No	6K	
37	No	6KK	
38	No	7	
39	No	7A	
40	No	8	
41	No	8K	
42	No	9C	
43	No	9L	
44	No	9N	
45	No	9NW	
46	No	9W	
47	No	10	
48	No	Not applicable	

Domain Name: **corrosion_concrete** Length of Longest Choice Value: 8

Seq	Obsolete?	Choice Value	Choice Description
1	No	Low	
2	No	Moderate	
3	No	High	

Domain Name: **corrosion_uncoated_steel** Length of Longest Choice Value: 8

Seq	Obsolete?	Choice Value	Choice Description
1	No	Low	
2	No	Moderate	
3	No	High	

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SSURGO Metadata Version: 2.2.3

Domain Name: **crop_name**

Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
1	No	African stargrass	
2	No	Alfalfa hay	
3	No	Alfalfa pasture	
4	No	Alfalfa seed	
5	No	Almonds	
6	No	Annual ryegrass	
7	No	Apples	
8	No	Apricots	
9	No	Artichokes	
10	No	Asparagus	
11	No	Avocados	
12	No	Bahiagrass	
13	No	Bahiagrass hay	
14	No	Bananas	
15	No	Barley	
16	No	Barley-fallow	
17	No	Dry lima beans	
18	No	Dry pinto beans	
19	No	Dry beans	
20	No	Snap beans	
21	No	Unshelled lima beans	
22	No	Beets	
23	No	Bentgrass seed	
24	No	Bermudagrass-clover hay	
25	No	Bermudagrass-fescue hay	
26	No	Big bluestem	
27	No	Blackberries	
28	No	Blueberries	
29	No	Bluegrass	
30	No	Bluegrass seed	
31	No	Bluegrass-ladino	
32	No	Bluegrass-ladino hay	

SSURGO Metadata - Domains

SSURGO Metadata Version: 2.2.3

Domain Name: **crop_name**

Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
33	No	Bluegrass-trefoil	
34	No	Bluegrass-trefoil hay	
35	No	Bluegrass-white clover	
36	No	Bluegrass-white clover hay	
37	No	Breadfruit	
38	No	Broccoli	
39	No	Bromegrass hay	
40	No	Bromegrass-alfalfa	
41	No	Bromegrass-alfalfa hay	
42	No	Bromegrass-alsike	
43	No	Bromegrass-alsike hay	
44	No	Bromegrass-ladino	
45	No	Broomcorn	
46	No	Brussel sprouts	
47	No	Buckwheat	
48	No	Buffel grass	
49	No	Cabbage	
50	No	Chinese cabbage	
51	No	Mustard cabbage	
52	No	Canarygrass hay	
53	No	Canarygrass-alsike	
54	No	Canarygrass-alsike hay	
55	No	Canarygrass-ladino	
56	No	Canarygrass-ladino hay	
57	No	Spring canola	
58	No	Winter canola	
59	No	Cantaloupe	
60	No	Carrots	
61	No	Cassava	
62	No	Caucasian bluestem	
63	No	Caucasian bluestem hay	
64	No	Cauliflower	

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Domain Name: **crop_name**

Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
65	Yes	Causian bluegrass	
66	No	Celery	
67	No	Cherries	
68	No	Clover seed	
69	No	Coconuts	
70	No	Coffee	
71	No	Common bermudagrass	
72	No	Common bermudagrass hay	
73	No	Common ryegrass seed	
74	No	Cool-season grasses	
75	No	Corn	
76	No	Corn silage	
77	No	Sweet corn	
78	No	Cotton lint	
79	No	Pima cotton lint	
80	No	Cowpeas	
81	No	Cranberries	
82	No	Crested wheatgrass	
83	No	Crested wheatgrass-alfalfa hay	
84	No	Crimson clover	
85	No	Cucumbers	
86	No	Fescue	
87	No	Filberts	
88	No	Fine fescue seed	
89	No	Flax	
90	No	Garlic	
91	No	Garrisongrass	
92	No	Grain sorghum	
93	No	Grapefruit	
94	No	Table grapes	
95	No	Wine grapes	
96	No	Grass hay	

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Domain Name: **crop_name**

Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
97	No	Grass silage	
98	No	Grass seed	
99	No	Grass-clover	
100	No	Grass-legume hay	
101	No	Grass-legume pasture	
102	No	Green chop	
103	No	Green needlegrass	
104	No	Guinea grass	
105	No	Annual hay crop	
106	No	Hops	
107	No	Improved bermudagrass	
108	No	Improved bermudagrass hay	
109	No	Indiangrass	
110	No	Introduced bluestem	
111	No	Johnsongrass	
112	No	Kentucky bluegrass	
113	No	Kincaid red clover	
114	No	Kleingrass	
115	No	Kobe lespedeza	
116	No	Ladino clover	
117	No	Legume hay	
118	No	Lemons	
119	No	Dry lentils	
120	No	Lettuce	
121	No	Limes	
122	No	Loganberries	
123	No	Macadamia nuts	
124	No	Mangos	
125	No	Merkergrass	
126	No	Millet	
127	No	Distillate mint	
128	No	Molassesgrass	

Domain Name: **crop_name**

Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
129	No	Mungbeans	
130	No	Oats	
131	No	Hay oats	
132	No	Olives	
133	No	Onions	
134	No	Green onions	
135	No	Oranges	
136	No	Orchardgrass	
137	No	Orchardgrass hay	
138	No	Orchardgrass seed	
139	No	Orchardgrass-alfalfa	
140	No	Orchardgrass-alfalfa hay	
141	No	Orchardgrass-alsike	
142	No	Orchardgrass-alsike hay	
143	No	Orchardgrass-ladino	
144	No	Orchardgrass-ladino hay	
145	No	Orchardgrass-lespedeza	
146	No	Orchardgrass-lespedeza hay	
147	No	Orchardgrass-red clover	
148	No	Orchardgrass-red clover hay	
149	No	Orchardgrass-trefoil	
150	No	Orchardgrass-trefoil hay	
151	No	Pangolagrass	
152	No	Papaya	
153	No	Paragrass	
154	No	Pasture	
155	No	Peaches	
156	No	Peanuts	
157	No	Pears	
158	No	Winter pears	
159	No	Canning peas	
160	No	Dry peas	

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Domain Name: **crop_name**

Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
161	No	Green peas	
162	No	Pecans	
163	No	Black pepper	
164	No	Peppers	
165	No	Dry chili peppers	
166	No	Fresh chili peppers	
167	No	Green peppers	
168	No	Perennial ryegrass seed	
169	No	Improved permanent pasture	
170	No	Unimproved permanent pasture	
171	No	Pigeonpeas	
172	No	Pineapple	
173	No	Ratoon pineapple	
174	No	Pistachios	
175	No	Plantains	
176	No	Plums	
177	No	Irish potatoes	
178	No	Prunes	
179	No	Dry prunes	
180	No	Pubescent wheatgrass	
181	No	Pumpkins	
182	No	Raisins	
183	No	Raspberries	
184	No	Red clover hay	
185	No	Red clover seed	
186	No	Reed canarygrass	
187	No	Rice	
188	No	Rye	
189	No	Rye grazeout	
190	No	Safflower	
191	No	Small grains grazeout	
192	No	Small grains hay	

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Domain Name: **crop_name**

Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
193	No	Small grains silage	
194	No	Smooth bromegrass	
195	No	Sorghum grazed	
196	No	Sorghum hay	
197	No	Sorghum silage	
198	No	Soybeans	
199	No	Spinach	
200	No	Summer squash	
201	No	Winter squash	
202	No	Strawberries	
203	No	Strawberry plants	
204	No	Sugar beets	
205	No	Sugarcane	
206	No	18-month sugarcane	
207	No	Ratoon sugarcane	
208	No	Spring sugarcane	
209	No	Sunflowers	
210	No	Sweet potatoes	
211	No	Switchgrass	
212	No	Tall fescue	
213	No	Tall fescue hay	
214	No	Tall fescue seed	
215	No	Tall fescue-alfalfa	
216	No	Tall fescue-alfalfa hay	
217	No	Tall fescue-alsike	
218	No	Tall fescue-alsike hay	
219	No	Tall fescue-ladino	
220	No	Tall fescue-ladino hay	
221	No	Tall fescue-lespedeza	
222	No	Tall fescue-lespedeza hay	
223	No	Tall fescue-red clover	
224	No	Tall fescue-red clover hay	

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Domain Name: **crop_name**

Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
225	No	Tall wheatgrass	
226	No	Tangelos	
227	No	Tangerines	
228	No	Taniers	
229	No	Taro	
230	No	Timothy hay	
231	No	Timothy-alfalfa	
232	No	Timothy-alfalfa hay	
233	No	Timothy-alsike	
234	No	Timothy-alsike hay	
235	No	Timothy-red clover	
236	No	Timothy-red clover hay	
237	No	Tobacco	
238	No	Burley tobacco	
239	No	Dark air-cured tobacco	
240	No	Fire-cured tobacco	
241	No	Flue-cured tobacco	
242	No	Light air-cured tobacco	
243	No	Tomatoes	
244	No	Trefoil hay	
245	No	Trefoil-grass	
246	No	Trefoil-grass hay	
247	No	Walnuts	
248	No	Warm season grasses	
249	No	Watermelons	
250	No	Weeping lovegrass	
251	No	Wheat	
252	No	Wheat grazeout	
253	No	Wheat (October-March)	
254	No	Spring wheat	
255	No	Spring wheat-fallow	
256	No	Winter wheat	

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Domain Name: **crop_name** Length of Longest Choice Value: 30

Seq	Obsolete?	Choice Value	Choice Description
257	No	Winter wheat-fallow	
258	No	Yams	

Domain Name: **crop_yield_units** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
1	No	Cwt	*100 pounds/acre*
2	No	AUM	*Animal unit months/acre*
3	No	Boxes	*Boxes/acre*
4	No	Bu	*Bushels/acre*
5	No	Crates	*Crates/acre*
6	No	Lbs	*Pounds/acre*
7	No	Sacks	*Sacks/acre*
8	No	Thousands	*Thousands/acre*
9	No	Tons	*Tons/acre*

Domain Name: **depthqualmode** Length of Longest Choice Value: 13

Seq	Obsolete?	Choice Value	Choice Description
1	No	Surface Layer	
2	No	All Layers	
3	No	Depth Range	

Domain Name: **depthuom** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
1	No	Centimeters	
2	No	Inches	

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Domain Name: **diag_horz_feat_kind**

Length of Longest Choice Value: 40

Seq	Obsolete?	Choice Value	Choice Description
1	No	Abrupt textural change	
2	No	Agric horizon	
3	No	Albic horizon	
4	No	Albic material	
5	No	Andic soil properties	
6	No	Anhydrous conditions	
7	No	Anthric saturation	
8	No	Anthropic epipedon	
9	No	Aquic conditions	
10	No	Argillic horizon	
11	No	Calcic horizon	
12	No	Cambic horizon	
13	No	Coprogenous earth	
14	No	Cryoturbation	
15	No	Densic contact	
16	No	Densic materials	
17	No	Diatomaceous earth	
18	No	Durinodes	
19	No	Duripan	
20	No	Endosaturation	
21	No	Episaturation	
22	No	Fibric soil material	
23	No	Folistic epipedon	
24	No	Fragic soil properties	
25	No	Fragipan	
26	No	Gelic materials	
27	Yes	Gilgai	
28	No	Glacic layer	
29	No	Glossic horizon	
30	No	Gypsic horizon	
31	No	Gypsum accumulations	
32	No	Hemic soil material	

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Domain Name: **diag_horz_feat_kind**

Length of Longest Choice Value: 40

Seq	Obsolete?	Choice Value	Choice Description
33	No	Histic epipedon	
34	No	Humilluvic material	
35	No	Interfingering of albic material	
36	No	Kandic horizon	
37	No	Lamellae	
38	No	Limnic material	
39	No	Lithic contact	
40	No	Lithologic discontinuity	
41	No	Marl	
42	No	Melanic epipedon	
43	No	Mollic epipedon	
44	Yes	Mottles with chroma 2 or less	
45	No	n value > 0.7	
46	No	Natric horizon	
47	No	Ochric epipedon	
48	No	Ortstein	
49	No	Oxic horizon	
50	No	Paralithic contact	
51	No	Paralithic materials	
52	No	Permafrost	
53	No	Petrocalcic horizon	
54	No	Petroferric contact	
55	No	Petrogypsic horizon	
56	No	Placic horizon	
57	No	Plaggen epipedon	
58	No	Plinthite	
59	No	Redox concentrations	
60	No	Redox depletions with chroma 2 or less	
61	No	Reduced matrix	
62	No	Salic horizon	
63	No	Salt accumulations	
64	No	Sapric soil material	

Domain Name: **diag_horz_feat_kind** Length of Longest Choice Value: 40

Seq	Obsolete?	Choice Value	Choice Description
65	No	Secondary carbonates	
66	No	Slickensides	
67	No	Sombric horizon	
68	No	Spodic horizon	
69	No	Strongly contrasting particle size class	
70	No	Sulfidic material	
71	No	Sulfuric horizon	
72	No	Umbric epipedon	
73	No	Volcanic glass	

Domain Name: **distribution_status** Length of Longest Choice Value: 20

Seq	Obsolete?	Choice Value	Choice Description
1	No	In progress	*The distribution request has been submitted but the processing of that request is not complete. The request may be being held for processing at a later time.*
2	No	Not successful	*The distribution request failed to run to completion, and no data was exported.*
3	No	Partially successful	*The distribution request was processed to completion, but one or more of the legends, map units or components in the original request was not found in the database at the time the request was ultimately processed.*
4	No	Successful	*The distribution request was processed to completetion, and all requested legends, map units and components are present in the exported dataset.*

Domain Name: **drainage_class** Length of Longest Choice Value: 28

Seq	Obsolete?	Choice Value	Choice Description
1	No	Excessively drained	
2	No	Somewhat excessively drained	
3	No	Well drained	
4	No	Moderately well drained	
5	No	Somewhat poorly drained	
6	No	Poorly drained	

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Domain Name: **drainage_class** Length of Longest Choice Value: 28

Seq	Obsolete?	Choice Value	Choice Description
7	No	Very poorly drained	

Domain Name: **earth_cover_kind_level_one** Length of Longest Choice Value: 22

Seq	Obsolete?	Choice Value	Choice Description
1	No	Artificial cover	*Nonvegetative cover either made or modified by human activity and prohibiting or restricting vegetative growth and water penetration.*
2	No	Barren land	*Nonvegetative natural cover often having a limited capacity to support vegetation - including construction sites (<5% vegetated).*
3	No	Crop cover	*The full cycle, including land preparation and post-harvest residue cover of annual or perennial herbaceous plants that are cultivated or harvested, or both, for the production of food, feed, oil, and fiber other than wood, and excluding hay and pasture.*
4	No	Grass/herbaceous cover	*Non-woody vegetative cover composed of annual or perennial grasses, grass-like plants (sedges/rushes), forbs (including alfalfa and clovers), lichens, mosses, and ferns (>75% grass, grass-like, forb cover).*
5	Yes	Other	
6	No	Shrub cover	*Vegetative cover composed of multi-stemmed and single-stemmed woody plants that attain a mature height of less than four meters (>50% shrub canopy cover).*
7	No	Tree cover	*Vegetative cover recognized as woody plants which usually have one perennial stem, a definitely formed crown of foliage, and a mature height of at least four meters (including ornamentals and Christmas trees) (>25% tree canopy cover).*
8	No	Water cover	*Earth covered by water in a fluid state. This includes seasonally frozen areas.*
9	Yes	Wetlands	
10	Yes	Wetlands, drained	

Domain Name: **earth_cover_kind_level_two** Length of Longest Choice Value: 33

Seq	Obsolete?	Choice Value	Choice Description
1	No	Row crop	*e.g. corn, soybeans, cotton, tomatoes and other truck crops, tulips*
2	No	Close-grown crop	*Wheat, rice, oats, rye, etc.*
3	No	Grassland rangeland	*(<10% trees, <20% shrubs) - includes rangeland used for hayland - bluestems, mixed midgrasses, shortgrass, etc.*
4	No	Savanna rangeland	*10 to 25% tree cover*
5	No	Shrubby rangeland	*(20 to 50% shrub cover) - sumac, sagebrush, mesquite*
6	No	Tundra rangeland	
7	No	Tame pastureland	*Fescues, bromegrass, timothy, lespedeza, etc.*
8	No	Hayland	*Fescues, bromegrass, timothy, alfalfa, etc.*
9	No	Marshland	*grass, grass-like plants*

Domain Name: **earth_cover_kind_level_two** Length of Longest Choice Value: 33

Seq	Obsolete?	Choice Value	Choice Description
10	No	Other grass/herbaceous cover	
11	No	Crop trees	*e.g. apples, pecans, date palms, citrus, ornamental nursery stock, Christmas trees*
12	No	Conifers	*Spruce, Douglas fur, pine, etc.*
13	No	Hardwoods	*Oak, hickory, elm, aspen, etc.*
14	No	Intermixed conifers and hardwoods	*e.g. oak-pine mix*
15	No	Tropical	*Mangrove, royal palm, etc.*
16	No	Swamp	*shrubs and trees*
17	No	Other tree cover	
18	No	Crop shrubs	*Filbert, blueberry, and ornamentals, etc. as nursery stock*
19	No	Crop vines	*e.g. grapes, blackberries, raspberries*
20	No	Native shrubs	*e.g. creosotebush, shrub live oak, sagebrush, mesquite (including rangeland with >50% shrub cover)*
21	No	Other shrub cover	*e.g. kudzu, cacti, yucca*
22	No	Rock	
23	No	Sand and gravel	
24	No	Culturally induced barren	*saline seeps, mines, quarries, oil-waste, etc.*
25	No	Permanent snow and ice	
26	No	Other barren	*salt flats, slickspots, mud flats, badlands, etc.; excludes those in culturally induced earth cover*
27	No	Rural transportation	*Highways, railroads, etc.*
28	No	Urban and built-up	*Cities, towns, farmsteads, industrial sites*

Domain Name: **erosion_accelerated_kind** Length of Longest Choice Value: 35

Seq	Obsolete?	Choice Value	Choice Description
1	Yes	Highly deforming landslip erosion	
2	Yes	Slightly deforming landslip erosion	
3	Yes	Water erosion	*Soil removal by running water.*
4	No	Gully erosion	*Gully erosion is the consequence of water that cuts down into the soil along the line of water concentration and flow. The resulting channels cannot be obliterated by ordinary tillage operations. (SSM)*

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Domain Name: **erosion_accelerated_kind** Length of Longest Choice Value: 35

Seq	Obsolete?	Choice Value	Choice Description
5	No	Rill erosion	*Rill erosion is the removal of soil through the cutting of many small, but conspicuous channels where runoff concentrates. The channels are shallow enough that they can be obliterated with normal tillage operations. (SSM)*
6	No	Sheet erosion	*The more or less uniform removal of soil from an area without the development of conspicuous water channels. (SSM)*
7	No	Tunnel erosion	*The removal of soil by the formation of subsurface tunnels (often referred to as piping). Free water enters the soil through macropores such as large desication cracks or rodent burrows. The tunnels tend to enlarge and coelesce.*
8	Yes	Wind and water erosion	
9	No	Wind erosion	*Deflation by wind.*

Domain Name: **erosion_class** Length of Longest Choice Value: 17

Seq	Obsolete?	Choice Value	Choice Description
1	No	None - deposition	*No apparent erosion has occurred. Deposition of soil sediment removed from other areas may have occurred.*
2	No	Class 1	*The soil has lost on the average <25% of the original A and/or E horizons, or of the uppermost 20 cm if the original A and/or E horizons were less than 20 cm thick. (SSM)*
3	No	Class 2	*The soil has lost, on the average, 25 to 75 percent of the original A and/or E horizons, or of the uppermost 20 cm if the original A and/or E horizons were less than 20 cm thick.*
4	No	Class 3	*The soil has lost, on the average, more than 75 percent of the original A and/or E horizon, or of the uppermost 20 cm if the original A and/or E horizons were less than 20 cm thick. (SSM)*
5	No	Class 4	*The soil has lost all of the original A and/or E horizons, or the uppermost 20 cm if the original A and/or E horizons were less than 20 cm thick. Some of the orginal underlying material may have also been removed. (SSM)*

Domain Name: **excavation_difficulty_class** Length of Longest Choice Value: 14

Seq	Obsolete?	Choice Value	Choice Description
1	No	Low	*Excavations can be made with a spade using arm-applied pressure only. Neither application of impact energy nor application of foot pressure is necessary.*
2	No	Moderate	*Excavation can be accomplished quite easily by application of impact energy with a spade or by foot applied pressure.*
3	No	High	*Excavation with a spade can be accomplished with difficulty. Excavation is easily possible with a full length pick, using an over-the-head swing.*
4	No	Very high	*Excavation with a full length pick using an over-the-head swing is moderately to markedly difficult. Excavation is possible in a reasonable period of time with a backhoe mounted on a 40 to 60 kW (50-80 hp) tractor.*
5	No	Extremely high	*Excavation cannot be accomplished in a resonable time period with a backhoe mounted on a 40 to 60 kW (50-80 hp) tractor.*

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Domain Name: **export_certification_status** Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
1	No	not certified	*The legend and data mapunits to be included in the export file have been appropriately populated, at least in part, but have not been reviewed or certified. These are advance data, subject to change.* *This certification applies to the whole export package as a single entity.*
2	No	partly certified	*The legend and data mapunits to be included in the export file have been appropriately populated and the data have been reviewed. At least some of the data elements have been certified for use in specific applications. Other data elements in the export have advance data, subject to change.* *This certification applies to the whole export package as a single entity.*
3	No	fully certified	*The legend and data mapunits to be included in the export file have been appropriately populated, reviewed, and certified for general use.* *This certification applies to the whole export package as a single entity.*

Domain Name: **farmland_classification** Length of Longest Choice Value: 114

Seq	Obsolete?	Choice Value	Choice Description
1	No	Not prime farmland	*Not prime farmland.*
2	No	All areas are prime farmland	*All areas are prime farmland.*
3	No	Prime farmland if drained	*Prime farmland if drained.*
4	No	Prime farmland if protected from flooding or not frequently flooded during the growing season	*Prime farmland if protected from flooding, or not frequently flooded during the growing season.*
5	No	Prime farmland if irrigated	*Prime farmland if irrigated.*
6	No	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season	*Prime farmland if drained and either protected from flooding, or not frequenlty flooded during the growing season.*
7	No	Prime farmland if irrigated and drained	*Prime farmland if irrigated and drained.*
8	No	Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season	*Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season.*

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Domain Name: **farmland_classification** Length of Longest Choice Value: 114

Seq	Obsolete?	Choice Value	Choice Description
9	No	Prime farmland if subsoiled, completely removing the root inhibiting soil layer	*Prime farmland if subsoiled, completely removed the root inhibiting soil layer.*
10	No	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	*Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60.*
11	No	Prime farmland if irrigated and reclaimed of excess salts and sodium	*Prime farmland if irrigated and reclaimed from excess salts and sodium.*
12	No	Farmland of statewide importance	*Farmland of statewide importance.*
13	No	Farmland of local importance	*Farmland of local importance.*
14	No	Farmland of unique importance	*Farmland of unique importance.*

Domain Name: **fl_soil_leaching_potential** Length of Longest Choice Value: 6

Seq	Obsolete?	Choice Value	Choice Description
1	No	Low	*Slowest permeability is 0.6 in/hr or less. Soils with a muck/peat layer are rated "low".*
2	No	Medium	*Slowest permeability is between 0.6 and 6.0 in/hr. Soils with a mucky layer are rated "medium" unless the soil has a slowest permeability of less than 0.6 in/hr. Then the soil is rated "low".*
3	No	High	*Slowest permeability is 6.0 in/hr or more.*

Domain Name: **fl_soil_runoff_potential** Length of Longest Choice Value: 6

Seq	Obsolete?	Choice Value	Choice Description
1	No	Low	*Soils with a hydrological group of A, and soils with a hydrological group of B (in their natural, undrained state) that have a permeability of 6.0 in/hr or greater in all of the upper 20 inches of the soil.*
2	No	Medium	*Soils with a hydrological group of C, and soils with a hydrological group of B (in their natural, undrained state) that have a permeability of less than 6.0 in/hr within 20 inches of the soil surface. Soils that rate low are changed to a rating of medium where the slope is more than 12 percent.*
3	No	High	*Soils with a hydrological group of D in their natural, undrained state. Soils that are frequently flooded during the growing season are rated high. Soils that rate medium are changed to a rating of high where the slope is more than 8 percent.*

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Domain Name: **flooding_duration_class** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
1	No	Extremely brief	*0.1 to 4 hours*
2	No	Very brief	*4 hours to 48 hours*
3	No	Brief	*2 days to 7 days*
4	No	Long	*7 days to 30 days*
5	No	Very long	*More than 30 days*

Domain Name: **flooding_frequency_class** Length of Longest Choice Value: 13

Seq	Obsolete?	Choice Value	Choice Description
1	No	None	*No reasonable possibility of flooding; near 0 percent chance of flooding in any year or less than 1 time in 500 years.*
2	No	Very rare	*Flooding is very unlikely but is possible under unusual weather conditions; less than 1 percent chance in any year (less than 1 time in 100 years, but more than 1 time in 500 years).*
3	No	Rare	*Flooding is unlikely but possible under unusual weather conditions; 1 to 5 percent chance in any year (1 to 5 times in 100 years).*
4	No	Occasional	*Flooding is expected infrequently, 5 to 50 percent chance in any year, (5 to 50 times in 100 years).*
5	Yes	Common	
6	No	Frequent	*Flooding is likely to occur often under usual weather conditions; more than 50 percent chance of flooding in any year or more than 50 times in 100 years, but less than a 50 percent chance of flooding in all months in any year.*
7	No	Very frequent	*Flooding is likey to occur very often under usual weather conditions; more than 50 percent chance in all months of any year.*

Domain Name: **flooding_ponding_month** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
1	No	January	
2	No	February	
3	No	March	
4	No	April	
5	No	May	
6	No	June	
7	No	July	
8	No	August	
9	No	September	
10	No	October	

Domain Name: **flooding_ponding_month** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
11	No	November	
12	No	December	

Domain Name: **forest_productivity_units** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1	No	board feet/acre/year Doyle	
2	No	board feet/acre/year International 1/4	
3	No	board feet/acre/year International 1/8	
4	No	board feet/acre/year Scribner	
5	No	board feet/acre/year Scribner Decimal C	
6	No	board feet/acre/year Spaulding	
7	No	cords/acre/year	
8	No	cubic feet/acre	
9	No	cubic feet/acre/year	
10	No	tons/acre/year	

Domain Name: **fragment_kind** Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
1	No	`A`a lava fragments	*A type of basaltic lava (material) having a rough, jagged, clinkery surface and a vesicular interior. Compare - block lava, pahoehoe lava, pillow lava.*
2	Yes	Acidic-ash	
3	No	Amphibolite fragments	
4	No	Andesite fragments	
5	Yes	Andesitic-ash	
6	No	Rock anhydrite fragments	*A sedimentary rock (evaporite) composed chiefly of mineral anhydrite (anhydrous CaSO4); The rock is generally massive, cryptocrystalline, and may exhibit rhythmic sedimentation (rhymites). Compare - rock gypsum, rock halite. SW*
7	No	Anorthosite fragments	

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Domain Name: **fragment_kind** Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
8	No	Arenite fragments	
9	No	Argillite fragments	
10	No	Arkose fragments	
11	No	Basalt fragments	
12	Yes	Basaltic-ash	
13	Yes	Basic-ash	
14	No	Bauxite fragments	*An off-white to dark red brown weathered detritus or rock composed of aluminum oxides (mainly gibbsite with some boehmite and diaspore), iron hydroxides, silica, silt, and especially clay minerals. Bauxite originates in tropical and subtropical environments as highly weathered residue from carbonate or silicate rocks and can occur in concretionary, earthy, pisolitic or oolitic forms. SW & GG*
15	No	Block lava fragments	*Lava having a surface of angular blocks; it is similar to `a`a lava but the fragments are larger and more regular in shape, somewhat smoother, and less vesicular. Compare - `a`a lava, pahoehoe lava, pillow lava.*
16	No	Non-volcanic breccia fragments	
17	No	Acidic Non-volcanic breccia fragments	
18	No	Basic Non-volcanic breccia fragments	
19	No	Calcrete fragments	
20	No	Carbonate concretions	
21	No	Carbonate nodules	
22	No	Carbonate rock fragments	
23	No	Chalk fragments	
24	No	Charcoal fragments	
25	No	Chert fragments	*A hard, extremely dense or compact, dull to semivitreous, cryptocrystalline sedimentary rock, consisting dominantly of interlocking crystals of quartz less than about 30 mm in diameter; it may contain amorphous silica (opal). It sometimes contains impurities such as calcite, iron oxide, or the remains of silicious and other organisims. It has a tough, splintery to conchoidal fracture and may be white or variously colored gray, green, blue, pink, red, yellow, brown, and black. Chet occurs principally as nodular or concretionary segregations in limestones and dolomites.*
26	No	Cinders	*Uncemented vitric, vesicular, pyroclastic material, more than 2.0 mm in at least one dimension, with an apparent specific gravity (including vesicles) of more than 1.0 and less than 2.0. Compare - ash [volcanic], block [volcanic], lapilli, tephra.*
27	No	Claystone fragments	
28	No	Coal fragments	
29	No	Calcareous conglomerate fragments	
30	Yes	Noncalcareous conglomerate fragments	

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Domain Name: **fragment_kind** Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
31	No	Conglomerate fragments	*A coarse-grained, clastic sedimentary rock composed of rounded to subangular rock fragments larger than 2 mm, commonly with a matrix of sand and finer material; cements include silica, calcium carbonate, and iron oxides. The consolidated equivalent of gravel.*
32	No	Dacite fragments	
33	No	Diabase fragments	
34	No	Diorite fragments	
35	No	Dolomite fragments	*A carbonate sedimentary rock consisting chiefly (more than 50 percent by weight or by areal percentages under the microscope) of the mineral dolomite.*
36	No	Durinodes	
37	No	Duripan fragments	
38	Yes	Ejecta fragments	
39	Yes	Ejecta-ash	
40	No	Gabbro fragments	
41	No	Gibbsite concretions	
42	No	Gibbsite nodules	
43	Yes	Glauconite fragments	
44	No	Gneiss fragments	
45	No	Biotite gneiss fragments	
46	No	Granodioritic gneiss fragments	
47	No	Hornblende gneiss fragments	
48	No	Migmatitic gneiss fragments	
49	No	Muscovite-biotite gneiss fragments	
50	Yes	Acidic gneiss fragments	
51	Yes	Basic gneiss fragments	
52	No	Granite fragments	
53	No	Granitoid fragments	*a) In the IUGS classification, a preliminary term for (for field use) for a plutonic rock with Q (quartz) between 20 and 40 (%). b) A general term for all phaneritic igneous rocks (mineral crystals visible unaided and all about the same size) dominated by quartz and feldspars.*
54	No	Granodiorite fragments	
55	No	Granofels fragments	
56	No	Granulite fragments	
57	No	Graywacke fragments	
58	No	Greenstone fragments	

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Domain Name: **fragment_kind** Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
59	No	Rock gypsum fragments	*A sedimentary rock (evaporite) composed primarily of mineral gypsum (CaSO4.2H2O). The rock is generally massive, ranges from coarse crystalline to fine granular, may show disturbed bedding due to hydration expansion of parent anhydrite (anhydrous CaSO4), and may exhibit rhythmic sedimentation (rhymites). Compare gypsite. GG*
60	No	Rock halite fragments	*A sedimentary rock (evaporite) composed primarily of halite (NaCl). SW*
61	Yes	Herbaceous material	
62	No	Hornfels fragments	
63	Yes	Acid igneous rock fragments	
64	Yes	Basic igneous rock fragments	
65	Yes	Coarse crystal igneous rock fragments	
66	Yes	Fine crystal igneous rock fragments	
67	Yes	Intermediate igneous rock fragments	
68	Yes	Ultrabasic igneous rock fragments	
69	No	Igneous rock fragments	*Rock formed by solidification from a molten or partially molten state; major varieties include plutonic and volcanic rocks. Examples: andesite, basalt, granite. Compare - intrusive, extrusive.*
70	No	Ignimbrite fragments	
71	Yes	Interbedded sedimentary rock fragments	
72	No	Iron-manganese concretions	
73	No	Iron-manganese nodules	
74	No	Ironstone nodules	
75	No	Lapilli	*Non or slightly vesicular pyroclastics, 2.0 to 76 mm in at least one dimension, with an apparent specific gravity of 2.0 or more. Compare - ash [volcanic], block [volcanic], cinders, tephra.*
76	No	Latite fragments	
77	No	Lignite fragments	*A brownish-black carbon-rich deposit that is a metamorphic intermediate between peat and sub-bituminous coal . Dry lignite typically contains 60-70 % carbon. SW & GG*
78	No	Arenaceous limestone fragments	
79	No	Argillaceous limestone fragments	
80	No	Cherty limestone fragments	
81	No	Coral limestone fragments	*An informal term for massive limestone composed primarily of coral and coral fragments commonly associated with marine islands or coral reefs in tropical or subtropical waters. Compare - coral island. SW*

Domain Name: **fragment_kind**

Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
82	No	Phosphatic limestone fragments	
83	No	Limestone fragments	*A sedimentary rock consisting chiefly (more than 50 percent) of calcium carbonate, primarily in the form of calcite. Limestones are usually formed by a combination of organic and inorganic processes and include chemical and clastic (soluble and insoluble) constituents; many contain fossils.*
84	Yes	Limestone-sandstone fragments	
85	Yes	Limestone-sandstone-shale fragments	
86	Yes	Limestone-shale fragments	
87	Yes	Limestone-siltstone fragments	
88	Yes	Logs and stumps	
89	No	Marble fragments	
90	Yes	Marl fragments	*An earthy, unconsolidated deposit consisting chiefly of calcium carbonate mixed with clay in approximately equal proportions (35 to 65 percent of each); formed primarily under freshwater lacustrine conditions, but varieties associated with more saline environments also occur.*
91	No	Metaconglomerate fragments	
92	No	Foliated metamorphic rock fragments	
93	No	Metamorphic rock fragments	*Rock of any origin altered in mineralogical composition, chemical composition, or structure by heat, pressure, and movement at depth in the earth's crust. Nearly all such rocks are crystalline. Examples: schist, gneiss, quartzite, slate, marble.*
94	No	Metaquartzite fragments	
95	No	Metasedimentary rock fragments	
96	No	Metasiltstone fragments	
97	No	Metavolcanic rock fragments	
98	No	Migmatite fragments	
99	No	Mixed rock fragments	
100	Yes	Mixed calcareous rock fragments	
101	Yes	Mixed igneous and metamorphic rock fragments	
102	Yes	Mixed igneous, metamorphic, and sedimentary rock fragments	
103	Yes	Mixed igneous and sedimentary rock fragments	

Domain Name: **fragment_kind**

Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
104	Yes	Mixed metamorphic and sedimentary rock fragments	
105	Yes	Mixed noncalcareous rock fragments	
106	No	Monzonite fragments	
107	Yes	Mossy material	
108	No	Mudstone fragments	
109	No	Mylonite fragments	
110	No	Novaculite	*A dense, extremely finely grained, even-textured, siliceous, sedimentary rock similar to chert. It is hard, white to grayish-black in color, translucent on thin edges, has a dull to waxy luster, and displays smooth conchoidal fracture when broken.* *Novaculite principally occurs in the Marathon Uplift of Texas and Ouachita Mountains of Arkansas and Oklahoma where it forms erosion resistant ridges. Novaculite appears to form from chert recrystallization with microcrystalline quartz dominant over cryptocrystalline chalcedony. At the Ouachita Mountains type occurrence, novaculite formed by low-grade, thermal metamorphism of bedded chert. Novaculite is commercially quarried as a whetstone or oilstone. Compare - chert. GG & SW*
111	No	Obsidian fragments	
112	Yes	Organic material	
113	No	Orthoquartzite fragments	
114	No	Ortstein fragments	
115	Yes	Oxide protected rock	
116	No	Pahoehoe lava fragments	*A type of basaltic lava (material) with a characteristically smooth, billowy or rope-like surface and vesicular interior. Compare - `a`a lava, block lava, pillow lava.*
117	No	Peridotite fragments	
118	No	Petrocalcic fragments	
119	No	Petroferric fragments	
120	No	Petrogypsic fragments	
121	No	Phyllite fragments	
122	No	Pillow lava fragments	*A general term for lava displaying pillow structure (discontinuous, close-fitting, bun-shaped or ellipsoidal masses, generally < 1 m in diameter); considered to have formed in a subaqueous environment; such lava is usually basaltic or andesitic. Compare - `a`a lava, block lava, pahoehoe lava.*
123	No	Plinthite nodules	
124	No	Porcellanite fragments	
125	No	Pumice fragments	*A light-colored, vesicular, glassy rock commonly having the composition of rhyolite. It commonly has a specific gravity of < 1.0 and is thereby sufficiently buoyant to float on water.*
126	No	Pyroclastic rock fragments	

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Domain Name: **fragment_kind** Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
127	Yes	Pyroclastic fragments	*Fragmental materials produced by usually explosive, aerial ejection of clastic particles from a volcanic vent. Such materials may accumulate on land or under water.*
128	No	Pyroxenite fragments	
129	No	Quartz fragments	
130	No	Quartz-diorite fragments	
131	No	Quartzite fragments	
132	No	Quartz-monzonite fragments	
133	No	Rhyolite fragments	
134	No	Calcareous sandstone fragments	
135	No	Glauconitic sandstone fragments	
136	Yes	Noncalcareous sandstone fragments	
137	No	Sandstone fragments	*Sedimentary rock containing dominantly sand-size clastic particles.*
138	Yes	Sandstone and shale fragments	
139	Yes	Sandstone and siltstone fragments	
140	Yes	Saprolite	
141	Yes	Acidic schist fragments	
142	Yes	Basic schist fragments	
143	No	Graphitic schist fragments	
144	No	Mica schist fragments	
145	No	Schist fragments	
146	No	Scoria fragments	*Vesicular, cindery crust or bomb-sized fragments of such material on the surface of andesitic or basaltic lava, the vesicular nature of which is due to the escape of volcanic gases before solidification; it is usually heavier, darker, and more crystalline than pumice. Synonym - cinder.*
147	No	Sedimentary rock fragments	*A consolidated deposit of clastic particles, chemical precipitates, and organic remains accumulated at or near the surface of the earth under "normal" low temperature and pressure conditions. Sedimentary rocks include consolidated equivalents of alluvium, colluvium, drift, and eolian, lacustrine, marine deposits; e.g., sandstone, siltstone, mudstone, clay-stone, shale, conglomerate, limestone, dolomite, coal, etc.*
148	No	Serpentinite fragments	
149	No	Acid shale fragments	
150	No	Calcareous shale fragments	
151	No	Clayey shale fragments	

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Domain Name: **fragment_kind** Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
152	Yes	Noncalcareous shale fragments	
153	No	Shale fragments	*Sedimentary rock formed by induration of a clay, silty clay, or silty clay loam deposit and having the tendency to split into thin layers, i.e., fissility.*
154	Yes	Shale-siltstone fragments	
155	No	Shell fragments	
156	No	Silica concretions	
157	No	Calcareous siltstone fragments	
158	Yes	Noncalcareous siltstone fragments	
159	No	Siltstone fragments	*Sedimentary rock containing dominantly silt-size clastic particles.*
160	No	Slate fragments	
161	No	Sulfidic slate fragments	
162	No	Soapstone fragments	
163	No	Syenite fragments	
164	No	Syenodiorite fragments	
165	No	Tachylite fragments	
166	No	Tonalite fragments	
167	No	Trachyte fragments	
168	No	Travertine fragments	
169	No	Tripoli fragments	*A light-colored, porous, friable, siliceous (largely chalcedonic) sedimentary rock, which occurs in powdery or earthy masses that result from the weathering of siliceous limestone. It has a harsh, rough feel and is used to polish metals and stones.*
170	No	Tufa fragments	
171	No	Tuff breccia fragments	
172	No	Acidic tuff fragments	
173	No	Basic tuff fragments	
174	No	Tuff fragments	*A compacted deposit that is 50 percent or more volcanic ash and dust*
175	No	Welded tuff fragments	
176	No	Ultramafic rock fragments	
177	No	Volcanic bombs	
178	No	Acidic volcanic breccia fragments	
179	No	Basic volcanic breccia fragments	

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Domain Name: **fragment_kind** Length of Longest Choice Value: 58

Seq	Obsolete?	Choice Value	Choice Description
180	No	Volcanic breccia fragments	
181	No	Volcanic rock fragments	
182	No	Wood fragments	

Domain Name: **fragment_roundness** Length of Longest Choice Value: 12

Seq	Obsolete?	Choice Value	Choice Description
1	No	Very angular	*Strongly developed faces with very sharp, broken edges.*
2	No	Angular	*Strongly developed faces with sharp edges (SSM).*
3	No	Subangular	*Detectable flat faces with slightly-rounded corners.*
4	No	Subrounded	*Detectable flat faces with well-rounded corners (SSM).*
5	No	Rounded	*Flat faces absent or nearly absent with all corners rounded (SSM).*
6	No	Well rounded	*Flat faces absent with all corners rounded.*

Domain Name: **fragment_shape** Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
1	No	Flat	
2	No	Nonflat	

Domain Name: **geomor_pos_flat** Length of Longest Choice Value: 4

Seq	Obsolete?	Choice Value	Choice Description
1	Yes	Flat	*default choice, official choices to be determined later*
2	No	Dip	*A geomorphic component (characteristic piece) of flat plains (e.g., lake plain, low coastal plain, low-relief till plain) consisting of a shallow and typically closed depression that tends to be an area of focused groundwater recharge but not a permanent water body and that lies slightly lower and is wetter than the adjacent talf, and favors the accumulation of fine sediments and organic materials. SW*
3	No	Rise	*A geomorphic component of flat plains (e.g., lake plain, low coastal plain, low-gradient till plain) consisting of a slightly elevated but low, broad area with low slope gradients (e.g. 1-3 % slopes); typically a microfeature but can be fairly extensive. Commonly soils on a rise are better drained than those on the surrounding talf. Compare - talf. SW*

Domain Name: **geomor_pos_flat** Length of Longest Choice Value: 4

Seq	Obsolete?	Choice Value	Choice Description
4	No	Talf	*A geomorphic component of flat plains (e.g., lake plain, low coastal plain, low-gradient till plain) consisting of an essentially flat (e.g. 0-1 % slopes) and broad area dominated by closed depressions and a non-integrated or poorly integrated drainage system. Precipitation tends to pond locally and lateral transport is slow both above and below ground, which favors the accumulation of soil organic matter and a retention of fine earth sediments; better drained soils are commonly adjacent to drainageways. Compare - rise. SW*

Domain Name: **geomor_pos_hill** Length of Longest Choice Value: 13

Seq	Obsolete?	Choice Value	Choice Description
1	No	Interfluve	*An elevated area between two drainageways that sheds water to those drainageways.*
2	No	Head Slope	*The concave surface at the head of a drainageway where the flow of water converges downward toward the center and contour lines form concave curves.*
3	No	Nose Slope	*The projecting end of an interfluve, where contour lines connecting the opposing side slopes form convex curves around the projecting end and lines perpendicular to the contours diverge downward. Overland flow of water is divergent.*
4	No	Side Slope	*The slope bounding a drainageway and lying between the drainageway and the adjacent interfluve. It is generally linear along the slope width and overland flow is parallel down the slope.*
5	No	Base Slope	*A geomorphic component of hills consisting of the concave to linear slope (perpendicular to the contour) which, regardless of the lateral shape is an area that forms an apron or wedge at the bottom of a hillside dominated by colluvial and slope wash processes and sediments (e.g., colluvium and slope alluvium). Distal base slope sediments commonly grade to, or interfinger with, alluvial fills, or gradually thin to form pedisediment over residuum. Compare - head slope, side slope, nose slope, interfluve, free face. SW*
6	No	Crest	*A geomorphic component of hills consisting of the convex slopes (perpendicular to the contour) that form the narrow, roughly linear top area of a hill, ridge, or other upland where shoulders have converged to the extent that little or no summit remains; dominated by erosion, slope wash and mass movement processes and sediments (e.g., slope alluvium, creep). Commonly, soils on crests are more similar to those on side slopes than to soils on adjacent interfluves. Compare - interfluve, head slope, side slope, nose slope. SW*
7	No	Free face	*The part of a hillside or mountainside consisting of an outcrop of bare rock (scarp or cliff) that sheds colluvium to slopes below and commonly stands more steeply than the angle of repose of the colluvial slope (e.g. talus slope) immediately below. SW & GG*
8	Yes	Crested hills	

Domain Name: **geomor_pos_mountain** Length of Longest Choice Value: 29

Seq	Obsolete?	Choice Value	Choice Description
1	No	Mountaintop	
2	No	Mountainflank	
3	No	Mountainbase	
4	No	Upper third of mountainflank	

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Domain Name: **geomor_pos_mountain** Length of Longest Choice Value: 29

Seq	Obsolete?	Choice Value	Choice Description
5	No	Center third of mountainflank	
6	No	Lower third of mountainflank	
7	No	Free face	*The part of a hillside or mountainside consisting of an outcrop of bare rock (scarp or cliff) that sheds colluvium to slopes below and commonly stands more steeply than the angle of repose of the colluvial slope (e.g. talus slope) immediately below. SW & GG*

Domain Name: **geomor_pos_terrace** Length of Longest Choice Value: 5

Seq	Obsolete?	Choice Value	Choice Description
1	No	Riser	*The vertical or steeply sloping surface, commonly one of a series, of natural steplike landforms, as those of a glacial stairway or of successive stream terraces.*
2	No	Tread	*The flat or gently sloping surface of natural step-like landforms, commonly one of a series, such as successive stream terraces.*

Domain Name: **hillslope_profile** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
1	No	Summit	*The topographically highest hillslope position of a hillslope profile and exhibiting a nearly level (planar or only slightly convex) surface.*
2	No	Shoulder	*The hillslope position that forms the uppermost inclined surface near the top of a hillslope. If present, it comprises the transition zone from backslope to summit. The surface is dominantly convex in profile and erosional in origin.*
3	No	Backslope	*The hillslope profile position that forms the steepest and generally linear, middle portion of the slope. In profile, backslopes are commonly bounded by a convex shoulder above and a concave footslope below. They may or may not include cliff segments (i.e. free faces). Backslopes are commonly erosional forms produced by mass movement, colluvial action, and running water.*
4	No	Footslope	*The hillslope position that forms the inner, gently inclined surface at the base of a hillslope. In profile, footslopes are commonly concave. It is a transition zone between upslope sites of erosion and transport (shoulder, backslope) and downslope sites of deposition (toeslope).*
5	No	Toeslope	*The hillslope position that forms the gently inclined surface at the base of a hillslope. Toeslopes in profile are commonly gentle and linear, and are constructional surfaces forming the lower part of a hill-slope continuum that grades to valley or closed-depression floors.*

Domain Name: **horz_desgn_letter_suffix** Length of Longest Choice Value: 2

Seq	Obsolete?	Choice Value	Choice Description
1	No	a	*Highly decomposed organic matter. This symbol is used with O to indicate the most highly decomposed organic materials, which have a rubbed fiber content of less than 17 percent of the volume.*

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Domain Name: **horz_desgn_letter_suffix**

Length of Longest Choice Value: 2

Seq	Obsolete?	Choice Value	Choice Description
2	No	b	*Buried genetic horizon. This symbol is used in mineral soils to indicate identifiable buried horizons with major genetic features that were developed before burial. Genetic horizons may or may not have formed in the overlying material, which may be either like or unlike the assumed parent material of the buried soil. This symbol is not used in organic soils or to separate an organic from a mineral layer.*
3	No	c	*Concretions or nodules. This symbol indicates a significant accumulation of concretions or nodules. Cementation is required, but the cementing agent is not specified, except that it cannot be silica. This symbol is not used if the concretions or nodules consist of dolomite or calcite or more soluble salts, but it is used if the nodules or concretions are enriched with minerals that contain iron, aluminum, manganese, or titanium.*
4	Yes	ca	*An accumulation of carbonates.*
5	No	co	*Used only with the master designation L to indicate a layer dominated by coprogenous material.*
6	No	d	*Physical root restriction. This symbol indicates root-restricting layers in naturally occurring or man-made unconsolidated sediments or materials, such as dense basal till, plow pans, and other mechanically compacted zones.*
7	No	di	*Used only with the master designation L to indicate a layer dominated by diatomaceous earth.*
8	No	e	*Organic material of intermediate decomposition. This symbol is used with O to indicate organic materials of intermediate decomposition. Their rubbed fiber content is 17 to 40 percent (by volume).*
9	No	f	*Frozen soil or water. This symbol indicates that a horizon or layer contains permanent ice. The symbol is not used for seasonally frozen layers or for so-called dry permafrost (material that is colder than OC but does not contain ice).*
10	No	ff	*Dry permafrost. Used in layers or horizons that are colder than 0 degrees C, but do not contain ice. It is not used for layers or horizons that have seasonal temperatures below 0 degrees C. The f suffix is used for layers or horizons that contain permanent ice.*
11	No	g	*Strong gleying. This symbol indicates either that iron has been reduced and removed during soil formation, or that saturation with stagnant water has preserved it in a reduced state. Most of the affected layers have a chroma of 2 or less, and many have redox concentrations. The low chroma can represent either the color of reduced iron or the color of uncoated sand and silt particles from which iron has been removed. The symbol g is not used for materials of low chroma that have no history of wetness, such as some shales or E horizons. If g is used with B, pedogenic change in addition to gleying is implied. If no other pedogenic change besides gleying has taken place, the horizon is designated Cg.*
12	No	h	*Illuvial accumulation of organic matter. This symbol is used with B to indicate the accumulation of illuvial, amorphous, dispersible organic-matter-sesquioxide complexes if the sesquioxide component is dominated by aluminum but is present only in very small quantities. The organo-sesquioxide material coats sand and silt particles. In some horizons, these coatings have coalesced, filled pores, and cemented the horizon. The symbol h is also used in combination with s as "Bhs" if the amount of sesquioxide component is significant but the color value and chroma, moist, of the horizon is 3 or less.*
13	No	i	*Slightly decomposed organic material. This symbol is used with O to indicate the least decomposed of the organic materials. Its rubbed fiber content is 40 percent or more (by volume).*
14	No	j	*Indicates an accumulation of jarosite. Jarosite is a potassium or sodium iron sulfate mineral that is commonly an alteration product of pyrite upon exposure in an oxidizing environment. In tidal marshes it is associated with extreme acidity. Jarosite is easily recognized by its yellowish apperance, often a hue of 2.5Y or yellower and a chroma of 6 or more, although chroma as low as 3 or 4 have been reported.*
15	No	jj	*Indicates evidence of cyroturbation. Cryoturbation includes frost stirring, freezing and thawing, and mounding and fissuring. Soils with cryoturbation often feature thermokarst, ground-ice formation, and patterned ground. Cryoturbation commonly is manifested by irregular and broken boundaries, sorting of rock fragments, and organic matter in the lower boundaries, especially along the boundary between the active layer and the permafrost table. The jj suffix can be used with master horizons A, B, or C.*
16	No	k	*Accumulation of secondary carbonates. This symbol indicates accumulations of visible pedogenic calcium carbonate (less than 50 % by vol). Carbonate accumulations occurs as carbonate filaments, coatings, masses, nodules, disseminated carbonate, or other forms.*

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Domain Name: **horz_desgn_letter_suffix**

Length of Longest Choice Value: 2

Seq	Obsolete?	Choice Value	Choice Description
17	No	kk	*Engulfment of horizon by secondary carbonates. This symbol indicates major accumulations of pedogenic calcium carbonate. The kk suffix is used when the soil fabric is plugged with fine-grained pedogenic carbonate (50 % or more by vol) that occurs as an essentially continuous medium. The kk suffix corresponds to the Stage III plugged horizon or higher of the carbonate morphogenetic stages.*
18	No	m	*Cementation or induration. This symbol indicates continuous or nearly continuous cementation. It is used only for horizons that are more than 90 percent cemented, although they may be fractured. The cemented layer is physically root-restrictive. The predominant cementing agent (or the two dominant cementing agents) may be indicated by using defined letter suffixes, singly or in pairs.*
19	No	ma	*Used only with the master designation L to indicate a layer dominated by marl.*
20	No	n	*Accumulation of sodium. This symbol indicates an accumulation of exchangeable sodium.*
21	No	o	*This symbol indicates a residual accumulation of sesquioxides.*
22	No	p	*Tillage or other disturbance. This symbol indicates a disturbance of the surface layer by mechanical means, pasturing, or similar uses. A disturbed organic horizon is designated Op. A disturbed mineral horizon is designated Ap even though it is clearly a former E, B, or C horizon.*
23	No	q	*Accumulation of silica. This symbol indicates an accumulation of secondary silica.*
24	No	r	*Weathered or soft bedrock. This symbol is used with C to indicate root-restrictive layers of saprolite such as weathered igneous rock, or of soft bedrock such as partly consolidated sandstone, siltstone, and shale. Excavation difficulty is low to high.*
25	No	s	*Illuvial accumulation of sesquioxides and organic matter. This symbol is used with B to indicate an accumulation of illuvial, amorphous, dispersible organic-matter-sesquioxide complexes if both the organic-matter and sesquioxide components are significant, and if either the color value or chroma, moist, of the horizon is 4 or more. The symbol is also used in combination with "h" as "Bhs" if both the organic-matter and sesquioxide components are significant, and if the color value and chroma, moist, is 3 or less.*
26	No	ss	*This symbol indicates the presence of slickensides. Slickensides result directly from the swelling of clay minerals and shear failure, commonly at angles of 20 to 60 degrees above horizontal. They are indicators that other vertic characteristics, such as wedge-shaped peds and surface cracks, may be present. of slickensides.*
27	No	t	*Accumulation of silicate clay. This symbol indicates an accumulation of silicate clay that has either formed and subsequently been translocated within the horizon or has been moved into the horizon by illuviation, or both. At least some part of the horizon should show evidence of clay accumulation either as coatings on surfaces of peds or in pores, or as lamellae or as bridges between mineral grains.*
28	No	u	*Presence of human-manufactured materials (artifacts). This symbol indicates the presence of human-manufactured artifacts that have been created or modified by humans, usually for a practical purpose in habitation, manufacturing, excavation, or construction activities.*
29	No	v	*Plinthite. This symbol indicates the presence of iron-rich, humus-poor reddish material that is firm or very firm when moist and hardens irreversibly when exposed to the atmosphere and to repeated wetting and drying.*
30	No	w	*Development of color or structure. This symbol is used with B to indicate the development of color or structure, or both, with little or no apparent illuvial accumulation of material. It should not be used to indicate a transitional horizon.*
31	No	x	*Fragipan character. This symbol indicates a genetically developed layer that has a combination of firmness, brittleness, and commonly a higher bulk density than adjacent layers. Some part of the layer is physically root-restrictive.*
32	No	y	*Accumulation of gypsum. This symbol indicates a gypsum accumulation.*
33	No	z	*Accumulation of salts more soluble than gypsum. This symbol indicates an accumulation of salts that are more soluble than gypsum.*

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Domain Name: **horz_desgn_master**

Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
1	No	O	*Layers dominated by organic material. Some are saturated with water for long periods, or were once saturated but are now artificially drained; others have never been saturated.*
2	No	A	*Mineral horizons which have formed at the surface or below an O horizon; they exhibit obliteration of all or much of the original rock structure1 and show one or both of the following: (1) an accumulation of humified organic matter intimately mixed with the mineral fraction and not dominated by properties characteristic of E or B horizons (defined below), or (2) properties resulting from cultivation, pasturing, or similar kinds of disturbance.*
3	No	E	*Mineral horizons in which the main feature is loss of silicate clay, iron, or aluminum, or some combination of these, leaving a concentration of sand and silt particles. These horizons exhibit obliteration of all or much of the original rock structure.*
4	No	B	*Horizons which have formed below an A, E, or O horizon; they are dominated by the obliteration of all or much of the original rock structure and show one or more of the following:* *(1) Illuvial concentration of silicate clay, iron, aluminum, humus, carbonates, gypsum, or silica, alone or in combination;* *(2) Evidence of removal of carbonates;* *(3) Residual concentration of sesquioxides;* *(4) Coatings of sesquioxides that make the horizon conspicuously lower in color value, higher in chroma, or redder in hue, without apparent illuviation of iron, than overlying and underlying horizons;* *(5) Alteration which forms silicate clay or liberates oxides, or both, and which forms a granular, blocky, or prismatic structure if volume changes accompany changes in moisture content; or* *(6) Brittleness.*
5	No	C	*Horizons or layers, excluding hard bedrock, that are little affected by pedogenic processes and lack the properties of O, A, E, or B horizons. Most are mineral layers. The material of C layers may be either like or unlike the material from which the solum has presumably formed. The C horizon may have been modified, even if there is no evidence of pedogenesis.*
6	No	R	*Hard Bedrock*
7	No	AB	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
8	No	AE	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
9	No	AC	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
10	No	EA	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
11	No	EB	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*

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Domain Name: **horz_desgn_master**

Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
12	No	BA	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
13	No	BE	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
14	No	BC	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
15	No	CA	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
16	No	CB	*Horizons dominated by properties of one master horizon but having subordinate properties of another. The first of these symbols indicates that the properties of the horizon so designated dominate the transitional horizon. An AB horizon, for example, has characteristics of both an overlying A horizon and an underlying B horizon, but it is more like the A than like the B.*
17	No	A/E	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
18	No	A/B	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
19	No	A/C	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
20	No	E/A	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
21	No	E/B	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
22	No	B/A	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
23	No	B/E	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
24	No	B/C	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
25	No	C/A	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
26	No	C/B	*Horizons with two distinct parts that have recognizable properties of the two kinds of master horizons indicated by the capital letters. Most of the individual parts of one horizon component are surrounded by the other.*
27	No	E and B	*Horizons that are composed of lamellae that are separated from each other by eluvial layers.*
28	Yes	O'	
29	Yes	A'	

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Domain Name: **horz_desgn_master**

Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
30	Yes	E'	
31	Yes	B'	
32	Yes	C'	
33	Yes	O''	
34	Yes	A''	
35	Yes	E''	
36	Yes	B''	
37	Yes	C''	
38	Yes	H	*A horizon designation that will only be used for conversion from SSSD layers to NASIS horizons. This designation should never be used aside for this one purpose.*
39	No	W	*Water*
40	No	L	*Layers dominated by limnic material. The limnic materials can be either mineral or organic. One and only one of the suffixes ma, co, or di are used with the L designation.*
41	No	EC	
42	No	B and E	*Horizons that are composed of lamellae that are separated from each other by eluvial layers.*
43	No	M	*Root-limiting, subsoil layers consisting of nearly continuous, horizontally oriented, human manufactured materials. Examples of materials designated by the letter M include geotextile liners, asphalt, concrete, rubber, and plastic.*
44	No	^O	*The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).* *The "O" indicates layers dominated by organic material. Some are saturated with water for long periods, or were once saturated but are now artificially drained; others have never been saturated.*

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Domain Name: **horz_desgn_master**

Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
45	No	^A	*The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).* *The "A" is assigned to mineral horizons which have formed at the surface or below an O horizon; they exhibit obliteration of all or much of the original rock structure and show one or both of the following: (1) an accumulation of humified organic matter intimately mixed with the mineral fraction and not dominated by properties characteristic of E or B horizons (defined below), or (2) properties resulting from cultivation, pasturing, or similar kinds of disturbance.*
46	No	^E	*The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).* *The "E" is assigned to mineral horizons in which the main feature is loss of silicate clay, iron, or aluminum, or some combination of these, leaving a concentration of sand and silt particles. These horizons exhibit obliteration of all or much of the original rock structure.*
47	No	^B	*The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).* *The "B" is assiged to horizons which have formed below an A, E, or O horizon; they are dominated by the obliteration of all or much of the original rock structure and show one or more of the following:* *(1) Illuvial concentration of silicate clay, iron, aluminum, humus, carbonates, gypsum, or silica, alone or in combination;* *(2) Evidence of removal of carbonates;* *(3) Residual concentration of sesquioxides;* *(4) Coatings of sesquioxides that make the horizon conspicuously lower in color value, higher in chroma, or redder in hue, without apparent illuviation of iron, than overlying and underlying horizons;* *(5) Alteration which forms silicate clay or liberates oxides, or both, and which forms a granular, blocky, or prismatic structure if volume changes accompany changes in moisture content; or* *(6) Brittleness.*

Domain Name: **horz_desgn_master** Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
48	No	^C	*The "caret" symbol (^) is used as a prefix to master horizon designations to indicate mineral or organic layers of human-transported material. This material has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. All horizons and layers formed in human-transported material are indicated by a "caret" prefix (e.g., ^A-^C-Ab-Btb).* *The "C" is assigned to horizons or layers, excluding hard bedrock, that are little affected by pedogenic processes and lack the properties of O, A, E, or B horizons. Most are mineral layers. The material of C layers may be either like or unlike the material from which the solum has presumably formed. The C horizon may have been modified, even if there is no evidence of pedogenesis.*

Domain Name: **horz_desgn_master_prime** Length of Longest Choice Value: 2

Seq	Obsolete?	Choice Value	Choice Description
1	No	'	
2	No	''	

Domain Name: **hydric_classification_map_legend** Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
1	No	All hydric	*All components are hydric and no components are unranked.*
2	No	Not hydric	*All components are not hydric and no components are unranked.*
3	No	Partially hydric	*Some components are hydric and some components are not hydric.*
4	No	Unknown	*No components are hydric and some or all components are not ranked.*

Domain Name: **hydric_condition** Length of Longest Choice Value: 52

Seq	Obsolete?	Choice Value	Choice Description
1	No	Farmable under natural conditions	*Farmable under natureal conditions.*
2	No	Neither wooded nor farmable under natural conditions	*Neither wooded nor farmable under natural conditions.*

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Domain Name: **hydric_condition** Length of Longest Choice Value: 52

Seq	Obsolete?	Choice Value	Choice Description
3	No	Wooded under natural conditions	*Wooded under natural conditions.*

Domain Name: **hydric_criteria** Length of Longest Choice Value: 3

Seq	Obsolete?	Choice Value	Choice Description
1	No	1	*All Histels except Folistels, and all Histosols except Folists.*
2	No	2A	*Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that are somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season.*
3	No	2B1	*Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches.*
4	No	2B2	*Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have a water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or greater than 6.0 in/hour (h) in all layers within 20 inches.*
5	No	2B3	*Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Historthels great group, Histoturbels great group, Pachic subgroups, or Cumulic subgroups that are poorly drained or very poorly drained and have water table* at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 inches.*
6	No	3	*Soils that are frequently ponded for long duration or very long duration during the growing season.*
7	No	4	*Soils that are frequently flooded for long duration or very long duration during the growing season.*

Domain Name: **hydric_rating** Length of Longest Choice Value: 8

Seq	Obsolete?	Choice Value	Choice Description
1	No	Yes	
2	No	No	
3	No	Unranked	

Domain Name: **hydrologic_group** Length of Longest Choice Value: 3

Seq	Obsolete?	Choice Value	Choice Description
1	No	A	*Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.*

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Domain Name: **hydrologic_group** Length of Longest Choice Value: 3

Seq	Obsolete?	Choice Value	Choice Description
2	No	B	*Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.*
3	No	C	*Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.*
4	No	D	*Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.*
5	No	A/D	*These soils have low runoff potential when drained and high runoff potential when undrained.*
6	No	B/D	*These soils have moderately low runoff potential when drained and high runoff potential when undrained.*
7	No	C/D	*These soils have moderately high runoff potential when drained and high runoff potential when undrained.*

Domain Name: **investigation_intensity** Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
1	No	Order 1	
2	No	Order 2	
3	No	Order 3	
4	No	Order 4	
5	No	Order 5	

Domain Name: **legend_certification_status** Length of Longest Choice Value: 20

Seq	Obsolete?	Choice Value	Choice Description
1	No	not for distribution	*Data in the legend object, including some mapunits, correlation notes, or area overlaps, have been created but are not fully populated or the data are preliminary and incomplete. The data are subject to major changes. A legend with this status should not be interpreted, exported, or used by other applications.* *Note that this certification status applies to only the legend object.*
2	No	not certified	*The data in the legend object, including mapunits, correlation notes, and area overlaps, have been created and have been appropriately populated, but data have not been reviewed or certified. These are advance data, subject to change.* *Note that this certification status applies to only the legend object.*
3	No	partly certified	*The data in the legend object, including mapunits, correlation notes, and area overlaps, have been appropriately populated and the data have been reviewed. At least some of the data elements have been certified for use in specific applications. Other data elements in the object have advance data, subject to change.* *Note that this certification status applies to only the legend object.*

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Domain Name: **legend_certification_status** Length of Longest Choice Value: 20

Seq	Obsolete?	Choice Value	Choice Description
4	No	certified	*The data in the legend object, including mapunits, correlation notes, and area overlaps, have been appropriately populated, reviewed, and certified for general use.* *Note, that this certification status applies to only the legend object.*

Domain Name: **legend_suitability_for_use** Length of Longest Choice Value: 24

Seq	Obsolete?	Choice Value	Choice Description
1	No	not current	*The legend has been completely replaced by another legend for the survey area. Typically this legend has an out-of-date operational soil survey status and another survey legend completely covers the geographic area served by this legend.*
2	No	current for part of area	*The legend is up-to-date for only part of the geographic area it covers. Another legend is up-to-date for the remaining area. Typically occurs where an update survey is on-going in a survey area or where a more recent survey covers part of the geographic area.*
3	No	current wherever mapped	*The legend is up-to-date wherever it has been mapped in the survey area. If the survey area is completely mapped, the legend applies over the entire geographic area. If the mapping is on-going, the legend is up-to-date where mapping has been completed.*

Domain Name: **legend_text_kind** Length of Longest Choice Value: 27

Seq	Obsolete?	Choice Value	Choice Description
1	No	Edit notes	*Text entries that describe what changes were made to the data and why those changes were made.*
2	No	Memorandum of understanding	*Text entries that include the text of the original MOU for the survey and any amendments to the MOU.*
3	No	Certification statements	*Text entries related to certification of this legend. For example, statements of prior survey and legend-wide join statements.*
4	No	Field reviews	*Text entries related to initial, progress, and final field reviews. For example, the general text part of a progress field review that applies to the entire legend.*
5	No	Correlation notes	*Text entries related to correlation concerns that affect the entire legend.*
6	No	Miscellaneous notes	*Text entries not relate to any of the other choices.*
7	Yes	Nontechnical description	
8	Yes	SOI5 description	

Domain Name: **logical_data_type_ssurgo** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
1	No	Boolean	*The value of such an attribute is either true or false (or yes or no, or on or off).*

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Domain Name: **logical_data_type_ssurgo** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
2	No	Choice	*The value of such an attribute is restricted to a finite set choices. Typically the set of choices is a set of unique character strings, although the set may also be a set of unique numbers.*
3	No	Date/Time	*The value of such an attribute is either a date, a time, or a range that encompasses both date and time.*
4	No	Float	*The value of such an attribute is a floating point (real) number.*
5	No	Integer	*The value of such an attribute is an integer (whole) number.*
6	No	Money	*The value of such an attribute is a combination of dollars and cents, where cents are represented as the decimal part of the numeric value.*
7	No	String	*The value of such an attribute is a string of printable characters. Nonprinting control characters such as "tab" and "paragraph break" cannot be part of such a string.*
8	No	Vtext	*The value of such an attribute is a string of characters that includes both printable characters and control characters such as "tab" and "paragraph break".*

Domain Name: **manner_of_failure** Length of Longest Choice Value: 17

Seq	Obsolete?	Choice Value	Choice Description
1	No	Brittle	*The speciman retains its size and shape (no deformation) until it rupture abruptly into subunits or fragments. (SSM)*
2	No	Semideformable	*Deformation occurs prior to rupture. Cracks develop and the speciman ruptures before compression to half its original thickness. (SSM)*
3	No	Deformable	*The speciman can be compressed to half its original thickness without rupture. Radial cracks may appear and extend inward less than half the radius normal to compression. (SSM)*
4	No	Nonfluid	*None of the speciman flows through the fingers after exerting full compression. (SSM)*
5	No	Slightly fluid	*After exerting full compression, some of the speciman flows through the fingers, but most remains in the palm of the hand.*
6	No	Moderately fluid	*After exerting full compression, most of the speciman flows through the fingers; a small residue remains in the palm of the hand.*
7	Yes	Strongly fluid	
8	No	Very fluid	*Under very gentle pressure most of the speciman flows through the fingers like a slightly viscous fluid; very little or no residue remains in the palm of the hand. (SSM)*
9	No	Nonsmeary	*At failure, the speciman does not chage suddenly to a fluid, the fingers do not skid, and no smearing occurs. (SSM)*
10	No	Weakly smeary	*At failure, the speciman changes suddenly to fluid, the fingers skid, and the soil smears. Afterward, little or no free water remains on the fingers. (SSM)*
11	No	Moderately smeary	*At failure, the speciman changes suddenly to fluid, the fingers skid, and the soil smears. Afterward, some free water can be seen on the fingers. (SSM)*
12	No	Strongly smeary	*At failure, the speciman suddenly changes to fluid, the fingers skid, the soil smears, and is very slippery. Afterward, free water is easliy seen on the fingers. (SSM)*
13	Yes	Smeary	

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Domain Name: **mapunit_certification_status** Length of Longest Choice Value: 20

Seq	Obsolete?	Choice Value	Choice Description
1	No	not for distribution	*The map unit object has been created, but is not populated or the data are preliminary and incomplete. The data are subject to major changes. A map unit with this status should not be interpreted, exported, or used by other applications.*
2	No	not certified	*The data in the map unit object have been created and have been appropriately populated, at least in part, but the data have not been reviewed or certified. Data in some data elements in these tables may be more complete than in others. These are advance data, subject to change.*
3	No	partly certified	*The data in the map unit object have been appropriately populated and the data have been reveiwed. At least some of the data elements have been certified for use in specific applications. Other data elements in the object have advance data, subject to change.*
4	No	certified	*The data in the map unit object have been appropriately populated, reviewed, and certified for general use.*

Domain Name: **mapunit_hel_class** Length of Longest Choice Value: 32

Seq	Obsolete?	Choice Value	Choice Description
1	No	Not highly erodible land	
2	No	Potentially highly erodible land	
3	No	Highly erodible land	

Domain Name: **mapunit_kind** Length of Longest Choice Value: 22

Seq	Obsolete?	Choice Value	Choice Description
1	No	Association	*Two or more dissimilar soils that occur in a regularly repeating pattern that could have been separated at the scale of field mapping, but were not separated due to the intended purpose of the survey.*
2	No	Complex	*Two or more dissimilar soils that occur in a regularly repeating pattern, that cannot be separated at the scale of field mapping.*
3	No	Consociation	*At least seventy-five percent (75%) of the map unit is within the range of the soil providing the name of the unit, and closely similar soils.*
4	No	Undifferentiated group	*Two or more similar soils that are not always geographically associated, and are mapped together due to them having the same or very similar use and management concerns.*

Domain Name: **mapunit_status** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
1	No	Provisional	*A map unit used by the soil survey party leader, but that have not been officially approved for use.*
2	No	Approved	*A map unit on the current, signed field review report for the survey area.*
3	No	Correlated	*A map unit on the signed final correlation document.*

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Domain Name: **mapunit_status** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
4	No	Additional	*A map unit that has been used in the soil survey area, but that has been combined with another unit in the survey.*

Domain Name: **mapunit_text_kind** Length of Longest Choice Value: 24

Seq	Obsolete?	Choice Value	Choice Description
1	No	Edit notes	*Text entries that describe what changes were made to the data and why those changes were made.*
2	No	Correlation notes	*Text entries about correlation concerns related to this mapunit, not including mapunit name or status changes.*
3	No	Map unit description	*Map unit descriptions typically used in a descriptive legend.*
4	No	Nontechnical description	*Map unit descriptions converted from SSSD and downloaded to FOCS.*
5	No	Certification statements	*Text entries related to certification of mapunits.*
6	No	Miscellaneous notes	*Text entries not related to any of the other choices.*
7	Yes	SOI5 description	

Domain Name: **mi_soil_management_group** Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
1	No	0a	
2	No	0b	
3	No	0c	
4	No	1.5a	
5	No	1.5a-s	
6	No	1.5b	
7	No	1.5b-s	
8	No	1.5c	
9	No	1.5c-c	
10	No	1/5a	
11	No	1/Rbc	
12	No	1a	
13	No	1b	
14	No	1c	
15	No	1c-c	

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Domain Name: **mi_soil_management_group**

Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
16	No	2.5a	
17	No	2.5a-a	
18	No	2.5a-af	
19	No	2.5a-cs	
20	No	2.5a-d	
21	No	2.5a-s	
22	No	2.5b	
23	No	2.5b-cd	
24	No	2.5b-cs	
25	No	2.5b-d	
26	No	2.5b-s	
27	No	2.5c	
28	No	2.5c-c	
29	No	2.5c-cs	
30	No	2.5c-s	
31	No	2/3a-f	
32	No	2/Ra	
33	No	2/Rb	
34	No	2/Rbc	
35	No	3/1a	
36	No	3/1b	
37	No	3/1c	
38	No	3/2a	
39	No	3/2a-d	
40	No	3/2a-f	
41	No	3/2b	
42	No	3/2b-d	
43	No	3/2c	
44	No	3/5a	
45	No	3/5a-a	
46	No	3/5b	
47	No	3/5b-c	

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Domain Name: **mi_soil_management_group**

Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
48	No	3/5c	
49	No	3/Ra	
50	No	3/Rbc	
51	No	3a	
52	No	3a-a	
53	No	3a-af	
54	No	3a-d	
55	No	3a-f	
56	No	3a-s	
57	No	3b	
58	No	3b-a	
59	No	3b-af	
60	No	3b-s	
61	No	3c	
62	No	3c-s	
63	No	4/1a	
64	No	4/1b	
65	No	4/1c	
66	No	4/2a	
67	No	4/2a-f	
68	No	4/2a-hs	
69	No	4/2b	
70	No	4/2b-s	
71	No	4/2c	
72	No	4/2c-c	
73	No	4/Ra	
74	No	4/Rbc	
75	No	4a	
76	No	4a-a	
77	No	4a-af	
78	No	4a-h	
79	No	4b	

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Domain Name: **mi_soil_management_group**

Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
80	No	4c	
81	No	5.3a	
82	No	5.7a	
83	No	5/2a	
84	No	5/2b	
85	No	5/2b-h	
86	No	5/2c	
87	No	5a	
88	No	5a-a	
89	No	5a-h	
90	No	5b	
91	No	5b-h	
92	No	5c	
93	No	5c-a	
94	No	5c-c	
95	No	5c-h	
96	No	G/Ra	
97	No	G/Rbc	
98	No	Ga	
99	No	Ga-d	
100	No	Ga-f	
101	No	Gbc	
102	No	Gbc-af	
103	No	Gc-cd	
104	No	L-2a	
105	No	L-2b	
106	No	L-2c	
107	No	L-2c-c	
108	No	L-4a	
109	No	L-4c	
110	No	L-Mc	
111	No	M/1c	

Domain Name: **mi_soil_management_group** Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
112	No	M/3c	
113	No	M/3c-a	
114	No	M/4c	
115	No	M/4c-a	
116	No	M/mc	
117	No	M/Ra	
118	No	M/Rc	
119	No	Mc	
120	No	Mc-a	
121	No	Ra	
122	No	Rbc	

Domain Name: **micro_relief_kind** Length of Longest Choice Value: 26

Seq	Obsolete?	Choice Value	Choice Description
1	No	Micro-high	*A generic microrelief term applied to slightly elevated areas relative to the adjacent ground surface; changes in relief range from several centimeters to several meters; crossectional profiles can be simple or complex and generally consist of gently rounded, convex tops with gently sloping sides.*
2	No	Micro-low	*A generic microrelief term applied to slightly lower areas relative to the adjacent ground surface; changes in relief range from several centimeters to several meters; ; crossectional profiles can be simple or complex and generally consist of subdued, concave, open or closed depressions with gently sloping sides.*
3	Yes	Micro-depression	*refer to micro-low*
4	Yes	Micro-knoll	*refer to micro-high.*
5	Yes	Other (specified in notes)	

Domain Name: **mlra_office** Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
1	No	Portland, OR	
2	No	Davis, CA	
3	No	Reno, NV	
4	No	Bozeman, MT	

Domain Name: **mlra_office**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
5	No	Salina, KS	
6	No	Lakewood, CO	
7	No	Bismarck, ND	
8	No	Phoenix, AZ	
9	No	Temple, TX	
10	No	St. Paul, MN	
11	No	Indianapolis, IN	
12	No	Amherst, MA	
13	No	Morgantown, WV	
14	No	Raleigh, NC	
15	No	Auburn, AL	
16	No	Little Rock, AR	
17	No	Palmer, AK	
18	No	Lexington, KY	

Domain Name: **mou_agency_responsible**

Length of Longest Choice Value: 38

Seq	Obsolete?	Choice Value	Choice Description
1	No	Bureau of Indian Affairs	
2	No	Bureau of Land Management	
3	No	County	
4	No	Divison of Conservation	
5	No	Department of Natural Resources	
6	No	Department of Defense	
7	No	Department of Energy	
8	No	Divison of Conservation Services	
9	No	Indian Nation	
10	No	North Dakota State University	
11	No	National Park Service	
12	No	Natural Resources Conservation Service	

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Domain Name: **mou_agency_responsible** Length of Longest Choice Value: 38

Seq	Obsolete?	Choice Value	Choice Description
13	No	US Air Force	
14	No	University of Illinois	
15	No	US Forest Service	
16	No	Virginia Polytechnic Institute	

Domain Name: **nh_important_forest_soil_group** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
1	No	Group IA	*Deep, loamy, well drained and moderately well drained soils with few management limitations.*
2	No	Group IB	*Deep, loamy or sandy, well drained or moderately well drained soils with few management limitations.*
3	No	Group IC	*Deep, sandy and gravelly, excessively drained through moderately well drained outwash soils with few management limitations.*
4	No	Group IIA	*Diverse group of soils, generally groups IA and IB soils that have management limitations.*
5	No	Group IIB	*Poorly drained soils.*
6	No	NC	*Generally unproductive soils or miscellaneous areas.*

Domain Name: **observed_soil_moisture_status** Length of Longest Choice Value: 32

Seq	Obsolete?	Choice Value	Choice Description
1	No	Dry	*>1500 kPa (>15 bar) suction*
2	No	Very dry	*Less than 0.35 of the 15 bar water retention.*
3	No	Moderately dry	*0.35 to 0.8 of the 15 bar water retention.*
4	No	Slightly dry	*0.8 to 1.0 of the 15 bar water retention.*
5	No	Moist	*=<1500 to 0.01 kPa (=<15 bar to 0.00001 bar) suction.*
6	No	Slightly moist	*15 bar suction to MWR (see SSM p 91).*
7	No	Moderately moist	*MWR to UWR water content (see SSM p91).*
8	No	Very moist	*UWR to 0.01 bar suction (see SSM p91).*
9	No	Wet	*<1.0 kPa, or <0.5 for coarse soils, (<0.01 bar or 0.005 for coarse soils) suction.*
10	No	Wet, non-satiated	*=>0.01 to 1.0 (0.5 for coarse soils) kPA suction, (=>0.00001 bar to 0.01 bar, 0.005 for coarse soils). Water films are visible, sand grains and peds glisten, but no free water is present.*
11	No	Wet, satiated	*<0.01 kPa (<0.00001 bar) suction; free water present.*
12	Yes	Saturation from capillary fringe	

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Domain Name: **observed_soil_moisture_status** Length of Longest Choice Value: 32

Seq	Obsolete?	Choice Value	Choice Description
13	Yes	Frozen	

Domain Name: **parent_material_kind** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1	Yes	aa	
2	No	Alluvium	*Unconsolidated clastic material subaerially deposited by running water, including gravel, sand, silt, clay, and various mixtures of these.*
3	Yes	arkosic-sandstone	
4	No	Ash flow	*A highly heated mixture of volcanic gases and ash, traveling down the flank of a volcano or along the surface of the ground; produced by the explosive disintegration of viscous lava in a volcanic crater, or by the explosive emission of gas-charged ash from a fissure or group of fissures. The solid materials contained in a typical ash flow are generally unsorted and ordinarily include volcanic dust, pumice, scoria, and blocks in addition to ash.*
5	No	Backswamp deposits	
6	No	Bauxite	*An off-white to dark red brown weathered detritus or rock composed of aluminum oxides (mainly gibbsite with some boehmite and diaspore), iron hydroxides, silica, silt, and especially clay minerals. Bauxite originates in tropical and subtropical environments as highly weathered residue from carbonate or silicate rocks and can occur in concretionary, earthy, pisolitic or oolitic forms. SW & GG*
7	No	Beach sand	*Well sorted, sand-sized, clastic material transported, sorted and deposited primarily by wave action and deposited in a shore environment. Compare - eolian sands.*
8	No	Block glide deposits	
9	Yes	breccia-acidic	
10	Yes	breccia-basic	
11	Yes	chalk	
12	Yes	charcoal	
13	No	Cinders	*Uncemented vitric, vesicular, pyroclastic material, more than 2.0 mm in at least one dimension, with an apparent specific gravity (including vesicles) of more than 1.0 and less than 2.0.*
14	Yes	coal	
15	No	Coastal marl	*An earthy, unconsolidated deposit of gray to buff-colored mud of low bulk density (dry) composed primarily of very fine, almost pure calcium carbonate formed in subaqueous settings that span freshwater lacustrine conditions (e.g. Florida Everglades) to saline intertidal settings (e.g. Florida Keys) formed by the chemical action of algal mats and organic detritus (periphyton); other marl varieties associated with different environments (e.g. freshwater marl, glauconitic marl) also occur. Coastal marl can be quite pure or it can be finely disseminated throughout living root mats (e.g. mangrove roots) and / or organic soil layers. Compare marl, freshwater marl.*
16	No	Colluvium	*Unconsolidated, unsorted earth material being transported or deposited on side slopes and/or at the base of slopes by mass movement (e.g. direct gravitational action) and by local, unconcentrated runoff.*

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Domain Name: **parent_material_kind** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
17	No	Complex landslide deposits	*A category of mass movement processes, associated sediments (complex landslide deposit) or resultant landforms characterized by a composite of several mass movement processes none of which dominates or leaves a prevailing landform. Numerous types of complex landslides can be specified by naming the constituent processes evident (e.g. a complex earth spread - earth flow landslide). Compare - fall, topple, slide, lateral spread, flow, landslide. SW & DV*
18	Yes	conglomerate	
19	Yes	conglomerate-calcareous	
20	Yes	conglomerate-noncalcareous	
21	No	Coprogenic material	
22	No	Creep deposits	*Sediment resulting from slow mass movement of earth material down slopes, caused by gravity but facilitated by saturation with water and alternate freezing and thawing.*
23	No	Cryoturbate	
24	No	Debris avalanche deposits	*Sediment resulting from the very rapid and usually sudden sliding and flow of incoherent, unsorted mixtures of soil and weathered bedrock.*
25	No	Debris fall deposits	*The process, associated sediments (debris fall deposit) or resultant landform characterized by a rapid type of fall involving the relatively free, downslope movement or collapse of detached, unconsolidated material which falls freely through the air (lacks an underlying slip face); sediments have substantial proportions of both fine earth and coarse fragments; common along undercut stream banks. Compare - rock fall, soil fall, landslide. SW*
26	No	Debris flow deposits	*Sediment resulting from a mass movement of rock fragments, soil, mud, more than half of the particles being larger than sand size.*
27	No	Debris slide deposits	
28	No	Debris spread deposits	*The process, associated sediments (debris spread deposit) or resultant landforms characterized by a very rapid type of spread dominated by lateral movement in a soil and rock mass resulting from liquefaction or plastic flow of underlying materials that may be extruded out between intact units; sediments have substantial proportions of both fine earth and coarse fragments. Compare - earth spread, rock spread, landslide. SW & DV*
29	No	Debris topple deposits	*The process, associated sediments (debris topple deposit) or resultant landform characterized by a localized, very rapid type of topple in which large blocks of soil and rock material literally fall over, rotating outward over a low pivot point; sediments have substantial proportions of both fine earth and coarse fragments. Portions of the original material may remain intact, although reoriented, within the resulting debris pile. Compare - earth topple, rock topple, landslide. SW*
30	No	Diamicton	*A nonlithified, nonsorted or poorly sorted sediment that contains a wide range of particle sizes, such as coarse fragments contained within a fine earth matrix (e.g. till, pebbly mudstone) and used when*
31	No	Diatomaceous earth	
32	Yes	dolomite	
33	No	Dredge spoils	*Unconsolidated, randomly mixed sediments extracted and deposited during dredging and dumping activities (e.g. adjoining the Intracoastal Waterway). Dredge spoils lie unconformably upon natural, undisturbed soil or regolith and can form anthropogenic landforms (e.g. dredge spoil bank).*
34	No	Drift	*A general term applied to all mineral material (clay, silt, sand, gravel, boulders) transported by a glacier and deposited directly by or from the ice, or by running water emanating from a glacier. Drift includes unstratified material (till) that forms moraines, and stratified deposits that form outwash plains, eskers, kames, varves, and glaciofluvial sediments. The term is generally applied to Pleistocene glacial deposits in areas that no longer contain glaciers.*

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Domain Name: **parent_material_kind** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
35	No	Earth spread deposits	*The process, associated sediments (earth spread deposit) or resultant landforms characterized by a very rapid type of spread dominated by lateral movement in a soil mass resulting from liquefaction or plastic flow of underlying materials that may be extruded out between intact units. Compare - debris spread, rock spread, landslide. SW & DV*
36	No	Earth topple deposits	*The process, associated sediments (earth topple deposit) or resultant landform characterized by a localized, very rapid type of topple in which large blocks of soil material literally fall over, rotating outward over a low pivot point; sediments < 2 mm predominate. Portions of the original material may remain intact, although reoriented, within the resulting deposit. Compare - debris topple, rock topple, landslide. SW*
37	No	Earthflow deposits	
38	No	Eolian deposits	*Material transported and deposited by the wind. Includes earth materials such as dune sands, sand sheets, loess deposits, and clay (e.g. parna).*
39	No	Eolian sands	*Material transported and deposited by the wind, dominated by particles of sand-size (0.05-2 mm).*
40	No	Estuarine deposits	
41	No	Fall deposits	*(a) A category of mass movement processes, associated sediments (fall deposit), or resultant landforms (e.g., rockfall, debris fall, soil fall) characterized by very rapid movement of a mass of rock or earth that travels mostly through the air by free fall, leaping, bounding, or rolling, with little or no interaction between one moving unit and another. Compare - topple, slide, lateral spread, flow, complex landslide, landslide. SW & DV; (b) The mass of material moved by a fall. GG*
42	No	Flow deposits	*A category of mass movement processes, associated sediments (flow deposit) and landforms characterized by slow to very rapid downslope movement of unconsolidated material which, whether saturated or comparatively dry, behaves much as a viscous fluid as it moves. Types of flows can be specified based on the dominant particle size of sediments (i.e. debris flow (e.g., lahar), earth flow (creep, mudflow), rock fragment flow (e.g., rockfall avalanche), debris avalanche]. Compare - fall, topple, slide, lateral spread, complex landslide, landslide. SW & DV*
43	No	Fluviomarine deposits	*Stratified materials (clay, silt, sand, or gravel) formed by both marine and fluvial processes, resulting from sea level flucuations and stream migration (i.e. materials originally deposited in a nearshore environment and subsequently reworked by fluvial processes as sea level fell, or vice versa as sea level rose).*
44	No	Freshwater marl	*A soft, grayish to white, earthy or powdery, usually impure calcium carbonate precipitated on the bottoms of present-day freshwater lakes and ponds largely through the chemical action of algal mats and organic detritus, or forming deposits that underlie marshes, swamps, and bogs that occupy the sites of former (glacial) lakes. The calcium carbonate may range from 90% to less than 30%. Freshwater marl is usually gray; it has been used as a fertilizer for acid soils deficient in lime. Syn.: bog lime. Compare marl, coastal marl.*
45	No	Glaciofluvial deposits	*Material moved by glaciers and subsequently sorted and deposited by streams flowing from the melting ice. The deposits are stratified and may occur in the form of outwash plains, valley trains, deltas, kames, eskers, and kame terraces.*
46	No	Glaciolacustrine deposits	*Material ranging from fine clay to sand derived from glaciers and deposited in glacial lakes by water originating mainly from the melting of glacial ice. Many are bedded or laminated with varves or rhythmites.*
47	No	Glaciomarine deposits	*Glacially eroded, terrestrially derived sediments (clay, silt, sand, and gravel) that accumulated on the ocean floor. Sediments may be accumulated as an ice-contact deposit, by fluvial transport, ice-rafting, or eolian transport.*
48	Yes	glauconite	
49	Yes	gneiss	
50	Yes	gneiss-acidic	
51	Yes	gneiss-basic	

Domain Name: **parent_material_kind**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
52	No	Greensands	*a) An unconsolidated, near-shore marine sediment containing substantial amounts of dark greenish glauconite pellets, often mingled with clay or sand (quartz may form the dominant constituent); prominent in Cretaceous and Tertiary coastal plain strata of New Jersey, Delaware and Maryland; has been commercially mined for potassium fertilizer. The term is loosely applied to any glauconitic sediment. b) (Not Preferred - use glauconitic sandstone) A sandstone consisting of greensand that is commonly poorly cemented, and has a greenish color when unweathered but an orange or yellow color when weathered. Compare - glauconite pellets. SW*
53	No	Grus	*The fragmental products of in situ granular disintegration of granite and granitic rocks, dominated by inter-crystal disintegration.*
54	No	Gypsite	*An earthy gypsum (CaSO4.2H2O) variety that contains various quantities (i.e. < 50%) of soil material, silicate clay minerals and sometimes other salts (e.g. NaCl); found only in arid or semi-arid regions as secondary precipitation concentrations or efflorescence associated with rock gypsum or gypsum-bearing strata. Compare rock gypsum, rock anhydrite. SW & GG*
55	No	Human transported material	*Organic or mineral soil material (or any other material that can function as a soil material) that has been moved horizontally onto a pedon from a source area outside of that pedon by directed human activity, usually with the aid of machinery. There has been little or no subsequent reworking by wind, gravity, water, or ice. Human transported materials are most commonly associated with building sites, mining or dredging operations, land fills, or other similar activities that result in the formation of a constructional anthropogenic landform.*
56	Yes	igneous	
57	Yes	igneous-acid (eg., rhyolite)	
58	Yes	igneous-andesite	
59	Yes	igneous-basalt	
60	Yes	igneous-basic (eg., gabbro)	
61	Yes	igneous-coarse (or intrusive)	
62	Yes	igneous-fine (or extrusive)	
63	Yes	igneous-granite	
64	Yes	igneous-intermediate (eg., diorite)	
65	Yes	igneous-ultrabasic	
66	Yes	interbedded sedimentary	
67	No	Lacustrine deposits	*Clastic sediments and chemical precipitates deposited in lakes.*
68	No	Lagoonal deposits	*Sand, silt or clay-sized sediments transported and deposited by wind, currents, and storm washover in the relatively low-energy, brackish to saline, shallow waters of a lagoon. Compare - marine deposit.*
69	No	Lahar	*A term for a mass movement landform and a process characterized by a mudflow composed chiefly of volcaniclastic materials on or near the flank of a volcano. The debris carried in the flow includes pyroclastic material, blocks from primary lava flows, and epiclastic material.*
70	No	Lapilli	*Non or slightly vesicular pyroclastics, 2.0 to 76 mm in at least one dimension, with an apparent specific gravity of 2.0 or more.*
71	No	Lateral spread deposits	
72	Yes	limestone	
73	Yes	limestone-arenaceous	
74	Yes	limestone-argillaceous	
75	Yes	limestone-cherty	

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Domain Name: **parent_material_kind** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
76	Yes	limestone-phosphatic	
77	Yes	limestone-sandstone	
78	Yes	limestone-sandstone-shale	
79	Yes	limestone-shale	
80	Yes	limestone-siltstone	
81	No	Limonite	*A general 'field' term for various brown to yellowish brown, amorphous- to- cryptocrystalline hydrous ferric oxides that are an undetermined mixture of goethite, hematite, and lepidocrocite formed by weathering and iron oxidation from iron-bearing, rocks and minerals. SW & GG*
82	No	Loess	*Material transported and deposited by wind and consisting predominantly of silt size.*
83	No	Calcareous loess	
84	No	Noncalcareous loess	*Noncalcareous material transported and deposited by wind and consisting predominantly of silt size (0.002-0.05 mm).*
85	Yes	logs and stumps	
86	Yes	marble	
87	No	Marine deposits	
88	No	Marl	*A generic term loosely applied to a variety of materials, most of which occur as an earthy, unconsolidated deposit consisting chiefly of an intimate mixture of clay and calcium carbonate formed commonly by the chemical action of algae mats and organic detritus (periphyton); specifically an earthy substance containing 35-65% clay and 65-35% calcium carbonate mud; formed primarily under freshwater lacustrine conditions, but varieties associated with more saline environments and higher carbonate contents also occur. Compare coastal marl, freshwater marl,*
89	No	Mass movement deposits	*Sediment resulting from the dislodgement and downslope transport of soil and rock material as a unit under direct gravitational stress. The process includes slow displacements such as creep and solifluction, and rapid movements such as landslides, rock slides, and falls, earthflows, debris flows, and avalanches. Agents of fluid transport (water, ice, air) may play an important, if subordinate role in the process.*
90	Yes	metamorphic	
91	No	Mine spoil or earthy fill	
92	No	Coal extraction mine spoil	*Randomly mixed, earthy materials artificially deposited as a result of either surficial or underground coal mining activities.*
93	No	Metal ore extraction mine spoil	*Randomly mixed, earthy materials artificially deposited as a result of either surficial or underground metal-ore mining activities.*
94	Yes	mixed	
95	Yes	mixed-calcareous	
96	Yes	mixed-igneous & metamorphic	
97	Yes	mixed-igneous & sedimentary	
98	Yes	mixed-igneous-metamorphic & sedimentary	
99	Yes	mixed-metamorphic & sedimentary	
100	Yes	mixed-noncalcareous	

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Domain Name: **parent_material_kind** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
101	No	Mudflow deposits	
102	No	Grassy organic material	
103	No	Herbaceous organic material	
104	No	Mossy organic material	
105	No	Organic material	
106	No	Woody organic material	
107	No	Outwash	*(a) Stratified detritus (chiefly sand and gravel) removed or "washed out" from a glacier by melt-water streams and deposited in front of or beyond the end moraine or the margin of an active glacier. The coarser material is deposited nearer to the ice.*
108	No	Overbank deposits	
109	Yes	pahoehoe	
110	No	Parna	*A term used, especially in southeast Australia, for silt and sand-sized aggregates of eolian clay occurring in sheets.*
111	No	Pedisediment	*A layer of sediment, eroded from the shoulder and back slope of an erosional slope, that lies on and is, or was, being transported across a pediment.*
112	No	Pumice	
113	Yes	pyroclastic	
114	No	Pyroclastic flow	*A fast density current of pyroclastic material, usually very hot, composed of a mixture of gasses and a variety of pyroclastic particles (ash, pumice, scoria, lava fragments, etc.); produced by the explosive disintegration of viscous lava in a volcanic crater or by the explosive emission of gas-charged ash from a fissure and which tends to follow topographic lows (e.g. valleys) as it moves; used in a more general sense than ash flow. Compare - pyroclastic surge, ash flow, nue ardente, lahar. SW, SN, GG*
115	No	Pyroclastic surge	*A low density, dilute, turbulent pyroclastic flow, usually very hot, composed of a generally unsorted mixture of gases, ash, pumice and dense rock fragments that travels across the ground at high speed and less constrained by topography than a pyroclastic flow; several types of pyroclastic surges can be specified (e.g. base surge, ash-cloud-surge). Compare - pyroclastic flow. SW, SN, GG*
116	Yes	quartzite	
117	No	Residuum	*Unconsolidated, weathered, or partly weathered mineral material that accumulates by disintegration of bedrock in place.*
118	No	Rock spread deposits	*The process, associated sediments (rock spread deposit) or resultant landforms characterized by a very rapid type of spread dominated by lateral movement in a rock mass resulting from liquefaction or plastic flow of underlying materials that may be extruded out between intact units; rock bodies predominate. Compare - debris spread, earth spread, landslide. SW & DV*
119	No	Rock topple deposits	*The process, associated sediments (rock topple deposit) or resultant landform characterized by a localized, very rapid type of fall in which large blocks of rock material literally fall over, rotating outward over a low pivot point; rock bodies predominate (little fine earth). Portions of the original material may remain intact, although reoriented, within the resulting deposit. Compare - earth topple, debris topple, landslide. SW*
120	No	Rockfall avalanche deposits	
121	No	Rockfall deposits	

Domain Name: **parent_material_kind**

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Seq	Obsolete?	Choice Value	Choice Description
122	No	Rotational debris slide deposits	*The process, associated sediments (rotational debris slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely unconsolidated earthy material, portions of which remain largely intact and in which movement occurs along a well-defined, concave shear surface and resulting in a backward rotation of the displaced mass; sediments have substantial proportions of both fine earth and coarse fragments. The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare - rotational earth slide, rotational rock slide, translational slide, lateral spread, landslide. SW & DV*
123	No	Rotational earth slide deposits	*The process, associated sediments (rotational earth slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely unconsolidated earthy material, portions of which remain largely intact and in which movement occurs along a well-defined, concave shear surface and resulting in a backward rotation of the displaced mass; sediments predominantly fine earth (< 2 mm). The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare - rotational debris slide, rotational rock slide, translational slide, lateral spread, landslide. SW & DV*
124	No	Rotational rock slide deposits	*The process, associated sediments (rotational rock slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely consolidated rock bodies, portions of which remain largely intact but reoriented, and in which movement occurs along a well-defined, concave shear surface and resulting in a backward rotation of the displaced mass. The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare - rotational debris slide, rotational earth slide, translational slide, lateral spread, landslide. SW & DV*
125	No	Rotational slide deposits	*An accumlation of sediment resulting from a mass movement and a process characterized by a slide in which shearing takes place on a well defined, curved shear surface, concave upward, producing a backward rotation in the displaced mass.*
126	No	Sand flow deposits	*A flow of wet sand, as along banks of noncohesive clean sand that is subject to scour and to repeated fluctuations in pore-water pressure due to rise and fall of the tide. GG*
127	Yes	sandstone	
128	Yes	sandstone-calcareous	
129	Yes	sandstone-noncalcareous	
130	Yes	sandstone-shale	
131	Yes	sandstone-siltstone	
132	No	Saprolite	*- (Provisional definition) Soft, friable, isovolumetrically weathered bedrock that retains the fabric and structure of the parent rock (Colman and Dethier, 1986) exhibiting extensive inter-crystal and intra-crystal weathering.* *In pedology, saprolite was formerly applied to any unconsolidated residual material underlying the soil and grading to hard bedrock below.*
133	Yes	schist	
134	Yes	schist-acidic	
135	Yes	schist-basic	
136	No	Scoria	*Vesicular, cindery crust or bomb-sized fragments of such material on the surface of andesitic or basaltic lava, the vesicular nature of which is due to the escape of volcanic gases before solidification; it is usually heavier, darker, and more crystalline than pumice. Synonym - cinder.*
137	No	Scree	*A collective term for an accumulation of coarse rock debris or a sheet of coarse debris mantling a slope. Scree is not a synonym of talus, as scree includes loose, coarse fragment material on slopes without cliffs.*
138	Yes	sedimentary	
139	Yes	serpentine	

Domain Name: **parent_material_kind**

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Seq	Obsolete?	Choice Value	Choice Description
140	Yes	shale	
141	Yes	shale-calcareous	
142	Yes	shale-clay	
143	Yes	shale-noncalcareous	
144	Yes	shale-siltstone	
145	Yes	siltstone	
146	Yes	siltstone-calcareous	
147	Yes	siltstone-noncalcareous	
148	Yes	slate	
149	No	Slide deposits	*A category of mass movement processes, associated sediments (slide deposit) or resultant landforms (e.g., rotational slide, translational slide, and snowslide) characterized by a failure of earth, snow, or rock under shear stress along one or several surfaces that are either visible or may reasonably be inferred. The moving mass may or may not be greatly deformed, and movement may be rotational (rotational slide) or planar (translational slide). A slide can result from lateral erosion, lateral pressure, weight of overlying material, accumulation of moisture, earthquakes, expansion owing to freeze-thaw of water in cracks, regional tilting, undermining, fire, and human agencies. Compare -fall, topple, lateral spread, flow, complex landslide. SW & DV (b) The track of bare rock or furrowed earth left by a slide. (c) The mass of material moved in or deposited by a slide. Compare - fall, flow, complex landslide, landslide. SW & GG*
150	No	Slope alluvium	*Sediment gradually transported on mountain or hill slopes primarily by alluvial processes and characterized by particle sorting. In a profile sequence, sediments may be distinguished by differences in size and/or specific gravity of coarse fragments and may be separated by stone lines. Sorting of rounded or subrounded pebbles or cobbles and burnished peds distinguish these materials from unsorted colluvial deposits.*
151	No	Slump block	*TheA mass of material torn away as a coherent unit during a landslide; a largely intact but displaced and commonly reoriented body of rock or soil. SW & GG*
152	No	Soil fall deposits	
153	Yes	Solid rock	
154	Yes	Solifluctate	
155	No	Solifluction deposits	*A deposit of nonsorted, water-saturated, locally derived earthy material that is moving or has moved downslope, en masse, caused by the melting of seasonal frost or permafrost.*
156	No	Supraglacial debris-flow	
157	No	Talus	*Rock fragments of any size or shape (usually coarse and angular) derived from and lying at the base of a cliff or very steep rock slope. The accumulated mass of such loose broken rock formed chiefly by falling, rolling, or sliding.*
158	No	Tephra	*A collective term for all clastic volcanic materials that are ejected from a vent during an eruption and transported through the air, including ash [volcanic], blocks [volcanic], cinders, lapilli, scoria, and pumice. Tephra is a general term which, unlike many volcaniclastic terms, does not denote properties of composition, visicularity, or grain size.*
159	No	Ablation till	*A general term for loose, relatively permeable material deposited during the downwasting of nearly static glacial ice, either contained within or accumulated on the surface of the glacier.*
160	No	Basal till	*Unconsolidated material of mixed composition deposited at the base (bottom) of a glacier [The term emphaizes the e.g. subglacial till. Types of basal till include lodgment, melt-out, and flow till.*

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Domain Name: **parent_material_kind** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
161	No	Flow till	*A till, commonly supraglacial, that is modified and transported by plastic mass flow; also spelled flow till. Compare - ablation till, basal till, lodgment till, mass-movement till, slump-till, supraglacial melt-out till.*
162	No	Lodgment till	*A basal till commonly characterized by compact, fissile ("platy") structure and containing coarse fragments oriented with their long axes generally parallel to the direction of ice movement.*
163	No	Melt-out till	*Till derived from slow melting of debris-rich stagnant ice buried beneath sufficient overburden to inhibit deformation under gravity, thus preserving structures derived from the parent ice.*
164	Yes	Slump till	
165	No	Subglacial till	*Till deposited in or by the bottom parts of a glacier or ice sheet; types include lodgement till, subglacial flow till; synonym (not preferred; obsolete): basal till. SW & GM*
166	No	Supraglacial till	
167	No	Supraglacial meltout till	
168	No	Till	*Dominantly unsorted and unstratified drift, generally unconsolidated and deposited directly by a glacier without subsequent reworking by meltwater, and consisting of a heterogeneous mixture of clay, silt, sand, gravel, stones, and boulders; rock fragments of various lithologies are imbedded within a finer matrix that can range from clay to sandy loam. Compare - ablation till, basal till, flowtill, lodgment till, drift, moraine.*
169	No	Topple deposits	
170	No	Translational debris slide deposits	*The process, associated sediments (translational debris slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely unconsolidated earthy material, portions or blocks of which remain largely intact and in which movement occurs along a well-defined, planar slip face roughly parallel to the ground surface and resulting in lateral displacement but no rotation of the displaced mass; sediments have substantial proportions of both fine earth and coarse fragments. The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare - translational earth slide, translational rock slide, rotational slide lateral spread, landslide. SW & DV*
171	No	Translational earth slide deposits	*The process, associated sediments (translational earth slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely unconsolidated earthy material, portions or blocks of which remain largely intact and in which movement occurs along a well-defined, planar slip face roughly parallel to the ground surface and resulting in lateral displacement but no rotation of the displaced mass; sediments predominantly fine earth (< 2 mm). The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare translational debris slide, translational rock slide, rotational slide, lateral spread, landslide. SW & DV*
172	No	Translational rock slide deposits	*The process, associated sediments (translational rock slide deposit) or resultant landform characterized by an extremely slow to moderately rapid type of slide, composed of comparatively dry and largely consolidated rock bodies, portions or blocks of which remain largely intact and in which movement occurs along a well-defined, planar slip face roughly parallel to the ground surface and resulting in lateral displacement but no rotation of the displaced mass; sediments predominantly fine earth (< 2 mm). The landform may be single, successive (repeated up and down slope), or multiple (as the number of slide components increase). Compare translational debris slide, translational earth slide, rotational slide, lateral spread, landslide. SW & DV*
173	No	Translational slide deposits	*A category of mass movement processes, associated sediments (translational slide deposit) or resultant landforms characterized by the extremely slow to moderately rapid downslope displacement of comparatively dry soil-rock material on a surface (slip face) that is roughly parallel to the general ground surface, in contrast to falls topples, and rotational slides. The term includes such diverse slide types as translational debris slides, translational earth slide, translational rock slide, block glides, and slab or flake slides. . Compare - rotational slide, slide, landslide. SW, DV, GG*
174	Yes	tuff	

Domain Name: **parent_material_kind** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
175	Yes	tuff-acidic	
176	Yes	tuff-basic	
177	Yes	tuff-breccia	
178	Yes	Unconsolidated sediments	
179	No	Valley side alluvium	
180	No	Volcanic ash	*Unconsolidated, pyroclastic material less than 2 mm in all dimensions.*
181	No	Acidic volcanic ash	
182	No	Andesitic volcanic ash	
183	No	Basaltic volcanic ash	
184	No	Basic volcanic ash	
185	No	Volcanic bombs	
186	Yes	Volcanic breccia	
187	Yes	Wood fragments	

Domain Name: **parent_material_modifier** Length of Longest Choice Value: 18

Seq	Obsolete?	Choice Value	Choice Description
1	No	Clayey	*The soil texture class is clay, sandy clay, or silty clay.*
2	No	Coarse-loamy	*The material contains less than 18 percent clay and 15 percent or more particles that are 0.1 to 75.0 mm in size. The soil texture class is loamy very fine sand, very fine sand, or finer.*
3	No	Coarse-silty	*The material contains less than 18 percent clay and less than 15 percent particles that are 0.1 to 75.0 mm in size.*
4	No	Fine-loamy	*The material contains 18 to 35 percent clay and 15 percent or more particles that are 0.1 to 75.0 mm in size.*
5	No	Fine-silty	*The material contains 18 to 35 percent clay and less than 15 percent particles that are 0.1 to 75.0 mm in size.*
6	No	Gravelly	*The material contains 15 percent or more rock fragments.*
7	No	Loamy	*The soil texture class is sandy loam, sandy clay loam, clay loam, silt, silt loam, or silty clay loam.*
8	No	Sandy	*The soil texture class is sand or loamy sand.*
9	No	Sandy and gravelly	*The soil texture class contains sand or loamy sand, and the material contains 15 percent or more rock fragments.*
10	No	Sandy and silty	*The soil texture class is sand or loamy sand and silt or silt loam.*
11	No	Silty	*The soil texture class is silt or silt loam.*
12	No	Silty and clayey	*The soil texture class is silt or silt loam and clay, sandy clay, or silty clay.*

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Domain Name: **parent_material_origin**

Length of Longest Choice Value: 41

Seq	Obsolete?	Choice Value	Choice Description
1	No	`A`a lava	*A type of lava flow having a rough, jagged, clinkery surface. Compare - pahoehoe lava. GG & MA*
2	Yes	Acidic-ash	
3	No	Amphibolite	
4	No	Andesite	
5	Yes	Andesitic-ash	
6	No	Rock anhydrite	*A sedimentary rock (evaporite) composed chiefly of mineral anhydrite (anhydrous CaSO4); The rock is generally massive, cryptocrystalline, and may exhibit rhythmic sedimentation (rhymites). Compare - rock gypsum, rock halite. SW*
7	No	Anorthosite	
8	No	Arenite	
9	No	Argillite	
10	No	Arkose	
11	No	Basalt	
12	Yes	Basaltic-ash	
13	Yes	Basic-ash	
14	No	Bauxite	*An off-white to dark red brown weathered detritus or rock composed of aluminum oxides (mainly gibbsite with some boehmite and diaspore), iron hydroxides, silica, silt, and especially clay minerals. Bauxite originates in tropical and subtropical environments as highly weathered residue from carbonate or silicate rocks and can occur in concretionary, earthy, pisolitic or oolitic forms. SW & GG*
15	No	Non-volcanic breccia	
16	No	Acidic Non-volcanic breccia	
17	No	Basic Non-volcanic breccia	
18	No	Chalk	
19	No	Chert	*A hard, extremely dense or compact, dull to semivitreous, cryptocrystalline sedimentary rock, consisting dominantly of interlocking crystals of quartz less than about 30 mm in diameter; it may contain amorphous silica (opal). It sometimes contains impurities such as calcite, iron oxide, or the remains of silicious and other organisims. It has a tough, splintery to conchoidal fracture and may be white or variously colored gray, green, blue, pink, red, yellow, brown, and black. Chet occurs principally as nodular or concretionary segregations in limestones and dolomites.*
20	Yes	Cinders	*Uncemented vitric, vesicular, pyroclastic material, more than 2.0 mm in at least one dimension, with an apparent specific gravity (including vesicles) of more than 1.0 and less than 2.0. Compare - ash [volcanic], block [volcanic], lapilli, tephra. KST*
21	No	Claystone	
22	No	Coal	
23	No	Calcareous conglomerate	*A coarse-grained, clastic sedimentary rock composed of rounded to subangular rock fragments larger than 2 mm, commonly with a matrix of sand and finer material; cements include silica, calcium carbonate, and iron oxides. The consolidated equivalent of gravel.*
24	Yes	Noncalcareous conglomerate	*A coarse-grained, clastic sedimentary rock composed of rounded to subangular rock fragments larger than 2 mm, commonly with a matrix of sand and finer material; cements include silica, calcium carbonate, and iron oxides. The consolidated equivalent of gravel.*
25	No	Conglomerate	
26	No	Dacite	

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Domain Name: **parent_material_origin**

Length of Longest Choice Value: 41

Seq	Obsolete?	Choice Value	Choice Description
27	No	Diabase	
28	No	Diorite	
29	No	Dolomite	*A carbonate sedimentary rock consisting chiefly (more than 50 percent by weight or by areal percentages under the microscope) of the mineral dolomite.*
30	Yes	Ejecta-ash	*Unconsolidated, pyroclastic material less than 2 mm in all dimensions. Commonly called "volcanic ash". Compare - block [volcanic], cinders, lapilli, tephra.*
31	No	Fanglomerate	
32	No	Gabbro	
33	Yes	Glauconite	
34	No	Gneiss	
35	No	Biotite gneiss	
36	No	Granodioritic gneiss	
37	No	Hornblende gneiss	
38	No	Migmatitic gneiss	
39	No	Muscovite-biotite gneiss	
40	Yes	Gneiss-acidic	
41	Yes	Gneiss-basic	
42	No	Granite	
43	No	Granite and gneiss	
44	No	Granitoid	*a) In the IUGS classification, a preliminary term for (for field use) for a plutonic rock with Q (quartz) between 20 and 40 (%). b) A general term for all phaneritic igneous rocks (mineral crystals visible unaided and all about the same size) dominated by quartz and feldspars.*
45	No	Granodiorite	
46	No	Granofels	
47	No	Granulite	
48	No	Graywacke	
49	No	Greenstone	
50	No	Rock gypsum	*A sedimentary rock (evaporite) composed primarily of mineral gypsum (CaSO4.2H2O). The rock is generally massive, ranges from coarse crystalline to fine granular, may show disturbed bedding due to hydration expansion of parent anhydrite (anhydrous CaSO4), and may exhibit rhythmic sedimentation (rhymites). Compare - gypsite. GG*
51	No	Rock halite	*A sedimentary rock (evaporite) composed primarily of halite (NaCl). SW*
52	No	Hornfels	
53	No	Igneous and metamorphic rock	

Domain Name: **parent_material_origin**

Length of Longest Choice Value: 41

Seq	Obsolete?	Choice Value	Choice Description
54	No	Igneous and sedimentary rock	
55	Yes	Acid igneous rock	
56	Yes	Basic igneous rock	
57	Yes	Coarse igneous crystal	
58	Yes	Fine igneous crystal	
59	Yes	Intermediate igneous rock	
60	No	Igneous, metamorphic and sedimentary rock	
61	Yes	Ultrabasic igneous rock	
62	No	Igneous rock	
63	No	Ignimbrite	
64	No	Interbedded sedimentary rock	
65	No	Latite	
66	No	Limestone and dolomite	
67	No	Limestone and sandstone	
68	No	Limestone and shale	
69	No	Limestone and siltstone	
70	No	Arenaceous limestone	
71	No	Argillaceous limestone	
72	No	Cherty limestone	
73	No	Coral limestone	*An informal term for massive limestone composed primarily of coral and coral fragments commonly associated with marine islands or coral reefs in tropical or subtropical waters. Compare - coral island. SW*
74	No	Phosphatic limestone	
75	No	Limestone, sandstone, and shale	
76	No	Limestone	*A sedimentary rock consisting chiefly (more than 50 percent) of calcium carbonate, primarily in the form of calcite. Limestones are usually formed by a combination of organic and inorganic processes and include chemical and clastic (soluble and insoluble) constituents; many contain fossils.*
77	No	Limonite	*A general 'field' term for various brown to yellowish brown, amorphous- to- cryptocrystalline hydrous ferric oxides that are an undetermined mixture of goethite, hematite, and lepidocrocite formed by weathering and iron oxidation from iron-bearing, rocks and minerals. SW & GG*
78	No	Marble	
79	Yes	Marl	*An earthy, unconsolidated deposit consisting chiefly of calcium carbonate mixed with clay in approximately equal proportions (35 to 65 percent of each); formed primarily under freshwater lacustrine conditions, but varieties associated with more saline environments also occur.*

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Domain Name: **parent_material_origin** Length of Longest Choice Value: 41

Seq	Obsolete?	Choice Value	Choice Description
80	No	Metaconglomerate	
81	No	Metamorphic and sedimentary rock	
82	Yes	Acidic metamorphic rock	
83	Yes	Basic metamorphic rock	
84	No	Metamorphic rock	*Rock of any origin altered in mineralogical composition, chemical composition, or structure by heat, pressure, and movement at depth in the earth's crust. Nearly all such rocks are crystalline. Examples: schist, gneiss, quartzite, slate, marble.*
85	No	Metaquartzite	
86	No	Metasedimentary rock	
87	No	Metasiltstone	
88	No	Metavolcanics	
89	No	Migmatite	
90	Yes	Mixed	
91	Yes	Mixed-calcareous	
92	Yes	Mixed-noncalcareous	
93	No	Monzonite	
94	No	Mudstone	*a) a blocky or massive, fine-grained sedimentary rock in which the proportions of clay and silt are approximately equal b) A general term that includes clay, silt, claystone, siltstone, shale, and argillite, and that should be used only when the amounts of clay and silt are not known or cannot be precisely identified.*
95	No	Mylonite	
96	No	Novaculite	*A dense, extremely finely grained, even-textured, siliceous, sedimentary rock similar to chert. It is hard, white to grayish-black in color, translucent on thin edges, has a dull to waxy luster, and displays smooth conchoidal fracture when broken.* *Novaculite principally occurs in the Marathon Uplift of Texas and Ouachita Mountains of Arkansas and Oklahoma where it forms erosion resistant ridges. Novaculite appears to form from chert recrystallization with microcrystalline quartz dominant over cryptocrystalline chalcedony. At the Ouachita Mountains type occurrence, novaculite formed by low-grade, thermal metamorphism of bedded chert. Novaculite is commercially quarried as a whetstone or oilstone. Compare - chert. GG & SW*
97	No	Obsidian	
98	No	Orthoquartzite	
99	No	Pahoehoe lava	*A type of basaltic lava flow having a smooth, billowy or rope-like surface. Compare - a'a lava.*
100	No	Peridotite	
101	No	Phyllite	
102	No	Porcellanite	*An indurated or baked clay or shale with a dull, light-colored, cherty appearance, often found in the roof or floor of a burned-out coal seam.*
103	No	Pumice	*A light-colored, vesicular, glassy rock commonly having the composition of rhyolite. It commonly has a specific gravity of < 1.0 and is thereby sufficiently buoyant to float on water. Compare - scoria, tephra.*

Domain Name: **parent_material_origin**

Length of Longest Choice Value: 41

Seq	Obsolete?	Choice Value	Choice Description
104	No	Pyroclastic rock	
105	No	Pyroxenite	
106	No	Quartz-diorite	
107	No	Quartzite	
108	No	Quartz-monzonite	
109	No	Rhyolite	
110	No	Sandstone and shale	
111	No	Sandstone and siltstone	
112	No	Calcareous sandstone	
113	No	Glauconitic sandstone	
114	Yes	Noncalcareous sandstone	
115	No	Sandstone	*Sedimentary rock containing dominantly sand-size clastic particles.*
116	No	Volcanic sandstone	
117	Yes	Schist and phyllite	
118	Yes	Acidic schist	
119	Yes	Basic schist	
120	No	Graphitic schist	
121	No	Mica schist	
122	No	Schist	
123	No	Scoria	*Vesicular, cindery crust or bomb-sized fragments of such material on the surface of andesitic or basaltic lava, the vesicular nature of which is due to the escape of volcanic gases before solidification; it is usually heavier, darker, and more crystalline than pumice. Synonym - cinder. Compare - pumice, tephra.*
124	No	Sedimentary rock	*A consolidated deposit of clastic particles, chemical precipitates, and organic remains accumulated at or near the surface of the earth under "normal" low temperature and pressure conditions. Sedimentary rocks include consolidated equivalents of alluvium, colluvium, drift, and eolian, lacustrine, marine deposits; e.g., sandstone, siltstone, mudstone, clay-stone, shale, conglomerate, limestone, dolomite, coal, etc. Compare - sediment.*
125	No	Serpentinite	
126	No	Shale and siltstone	
127	No	Acid shale	
128	No	Calcareous shale	
129	No	Clayey shale	
130	Yes	Noncalcareous shale	
131	No	Shale	*Sedimentary rock formed by induration of a clay, silty clay, or silty clay loam deposit and having the tendency to split into thin layers, i.e., fissility.*
132	No	Calcareous siltstone	

Domain Name: **parent_material_origin** Length of Longest Choice Value: 41

Seq	Obsolete?	Choice Value	Choice Description
133	Yes	Noncalcareous siltstone	
134	No	Siltstone	*Sedimentary rock containing dominantly silt-size clastic particles.*
135	No	Slate	
136	No	Sulfidic slate	
137	No	Soapstone	
138	No	Syenite	
139	No	Syenodiorite	
140	No	Tachylite	
141	No	Tonalite	
142	No	Trachyte	
143	No	Travertine	
144	No	Tufa	
145	No	Tuff breccia	
146	No	Acidic tuff	
147	No	Basic tuff	
148	No	Tuff	*A compacted deposit that is 50 percent or more volcanic ash and dust.*
149	No	Welded tuff	
150	No	Ultramafic rock	
151	No	Volcanic and metamorphic rock	
152	No	Volcanic and sedimentary rock	
153	Yes	Volcanic bombs	
154	No	Acidic volcanic breccia	
155	No	Basic volcanic breccia	
156	No	Volcanic breccia	
157	No	Volcanic rock	*A generally fine-grained or glassy igneous rock resulting from volcanic action at or near the Earth's surface, either ejected explosively or extruded as lava. The term includes near-surface intrusions that form a part of the volcanic structure.*

Domain Name: **plasticity** Length of Longest Choice Value: 18

Seq	Obsolete?	Choice Value	Choice Description
1	No	Nonplastic	*A roll of soil 4cm long x 6mm diameter cannot support itself when held on end.*

Domain Name: **plasticity** Length of Longest Choice Value: 18

Seq	Obsolete?	Choice Value	Choice Description
2	No	Slightly plastic	*A roll of soil 4cm long x 6mm diameter supports itself when held on end; a 4mm roll does not.*
3	No	Moderately plastic	*A roll of soil 4cm long x 4mm diameter supports itself when held on end; a 2mm roll does not.*
4	No	Very plastic	*A roll of soil 4cm long x 2mm diameter supports itself when held on end.*

Domain Name: **ponding_duration_class** Length of Longest Choice Value: 10

Seq	Obsolete?	Choice Value	Choice Description
1	No	Very brief	*4 hours to 48 hours*
2	No	Brief	*2 days to 7 days*
3	No	Long	*7 days to 30 days*
4	No	Very long	*More than 30 days*

Domain Name: **ponding_frequency_class** Length of Longest Choice Value: 10

Seq	Obsolete?	Choice Value	Choice Description
1	No	None	*No reasonable possibility of ponding, near 0 percent chance on ponding in any year.*
2	No	Rare	*Ponding unlikely but possible under unusual weather conditions; from nearly 0 to 5 percent chance of ponding in any year, or nearly 0 to 5 times in 100 years.*
3	No	Occasional	*Ponding is expected infrequently under usual weather conditions; 5 to 50 percent chance of ponding in any year, or 5 to 50 times in 100 years.*
4	Yes	Common	
5	No	Frequent	*Ponding is likely to occur under usual weather conditions; more than 50 percent chance in any year, or more than 50 times in 100 years.*

Domain Name: **ponding_frequency_map_legend** Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
1	No	0-14%	
2	No	15-49%	
3	No	50-74%	
4	No	75-100%	

Domain Name: **pore_continuity_vertical** Length of Longest Choice Value: 8

Seq	Obsolete?	Choice Value	Choice Description
1	No	Low	*<1 cm vertical distance*
2	No	Moderate	*1 to <10 cm vertical distance.*
3	No	High	*=>10 cm vertical distance.*

Domain Name: **pore_root_size** Length of Longest Choice Value: 19

Seq	Obsolete?	Choice Value	Choice Description
1	Yes	Micro	
2	Yes	Micro and fine	
3	Yes	Micro to medium	
4	No	Very fine	*<1 mm in diameter.*
5	Yes	Very fine and fine	*<2 mm in diameter*
6	Yes	Very fine to medium	*<5 mm in diameter*
7	Yes	Very fine to coarse	*<10 mm in diameter*
8	No	Fine	*1 to <2 mm in diameter.*
9	Yes	Fine and medium	*1 to <5 mm in diameter*
10	Yes	Fine to coarse	*1 to <10 mm in diameter*
11	No	Medium	*2 to <5 mm in diameter.*
12	Yes	Medium and coarse	*2 to <10 mm in diameter*
13	No	Coarse	*5 to <10 mm in diameter.*
14	No	Very coarse	*=>10 mm in diameter.*

Domain Name: **pore_shape** Length of Longest Choice Value: 27

Seq	Obsolete?	Choice Value	Choice Description
1	Yes	Constricted tubular	
2	Yes	Continuous tubular	
3	No	Dendritic tubular	*Cylindrical, elongated, branching voids (e.g. empty root channels).*
4	Yes	Discontinuous tubular	
5	Yes	Filled with coarse material	
6	No	Interstitial	*Primary packing voids between soil particles (e.g. voids between sand grains and rock fragments).*

Domain Name: **pore_shape** Length of Longest Choice Value: 27

Seq	Obsolete?	Choice Value	Choice Description
7	Yes	Interstitial and tubular	
8	No	Irregular	*Non-connected cavities or chambers of various shapes (e.g. vughs).*
9	Yes	Total porosity	
10	No	Tubular	*Cylindrical, elongated voids (e.g. worm tunnels).*
11	No	Vesicular	*Ovoid to spherical shaped voids (e.g. solidified gaseous bubbles concentrated just below a crust).*
12	Yes	Vesicular and tubular	
13	Yes	Void between rock fragments	

Domain Name: **potential_frost_action** Length of Longest Choice Value: 8

Seq	Obsolete?	Choice Value	Choice Description
1	No	None	
2	No	Low	
3	No	Moderate	
4	No	High	

Domain Name: **restriction_kind** Length of Longest Choice Value: 44

Seq	Obsolete?	Choice Value	Choice Description
1	No	Abrupt textural change	*This term is meant to be used as defined in Soil Taxonomy excluding the control section requirement, i.e. this term applies to the entire soil profile. It is characterized by a considerable increase in clay content within a very short vertical distance in the zone of contact. In the context of how it is to be used for identifying a kind of restriction, it is root restrictive. See the Keys to Soil Taxonomy for additional details.*
2	No	Densic bedrock	*This is composed of non-cemented material that is commonly or locally referred to as "bedrock". It meets the criteria of "densic materials" as defined in Soil Taxonomy.*
3	No	Lithic bedrock	*Material underlying a Lithic Contact as defined in Soil Taxonomy.* *The material is virtually continuous within the limits of a pedon. Cracks that can be penetrated by roots are 10 cm or more apart. When moist, hand digging with a spade is impractical although the material may be chipped or scratched. Rupture resistance class is at least strongly cemented. Commonly, the material is indurated.*
4	No	Paralithic bedrock	*Material underlying a Paralithic Contact as defined in Soil Taxonomy.* *The material is virtually continuous within the limits of a pedon. Cracks that can be penetrated by roots are 10 cm or more apart. Rupture resistance is extremely weakly cemented to moderately cemented. Commonly, the material is partially weathered bedrock or weakly consolidated bedrock such as sandstone, siltstone or shale.*

Domain Name: **restriction_kind** Length of Longest Choice Value: 44

Seq	Obsolete?	Choice Value	Choice Description
5	No	Cemented horizon	*Cemented earthy material that does not meet the criteria for any other specificly defined types. This material does not slake in water.*
6	No	Dense material	*Material underlying a densic contact as defined in Soil Taxonomy.* *The material is virtually continuous within the limits of a pedon. Cracks that can be penetrated by roots are 10 cm or more apart. The material is relatively unaltered and has a noncemented rupture resistance class. Commonly, the material is earthy material such as till, volcanic mudflows, and mechanically compacted materials, but noncemented rocks can be densic materials if they are dense or resistance enough to keep roots from entering, except in cracks.*
7	No	Duripan	
8	No	Fragipan	
9	No	Human-manufactured materials	*Nearly continuous, horizontally oriented human-manufactured materials. Examples include geotextile liners, asphalt, concrete, rubber, and plastic.*
10	No	Natric	
11	No	Ortstein	
12	No	Permafrost	
13	No	Petrocalcic	
14	No	Petroferric	
15	No	Petrogypsic	
16	No	Placic	
17	No	Plinthite	
18	No	Salic	
19	No	Strongly contrasting textural stratification	*1) The same as "strongly contrasting particle-size classes" described in the Keys to Soil Taxonomy except that the thickness requirement of 12.5 cm or more for each of the contrasting particle-size classes is waived. The term is applied to the entire soil profile not just the particle-size control section. In the context of how it is to be used for identifying a kind of restriction, it is root restrictive. 2) Stratified soil textures that differ significantly enough as to restrict the movement of water and air through the soil, or that provide an unfavorable root environment. It is in all cases root restrictive.*
20	No	Sulfuric	
21	Yes	Undefined	

Domain Name: **rule_design** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
1	No	class	*The rule is designed to result in the soil being interpreted as a member of a discrete class. Reportable features are those with fuzzy values closest to 1. The fuzzy values of child-rules will be sorted in descending order.*
2	No	limitation	*The rule is designed in a manner such that the higher the fuzzy value, the more limited the soil is for the stated use. The fuzzy values, of child-rules, closest to 1 represent the most limiting features and will be sorted in descending order.*

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Domain Name: **rule_design** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
3	No	suitability	*The rule is designed in a manner such that the higher the fuzzy value, the better suited the soil is for the stated use. The fuzzy values, of child-rules, closest to 0 represent the most limiting features and will be sorted in ascending order.*

Domain Name: **runoff** Length of Longest Choice Value: 10

Seq	Obsolete?	Choice Value	Choice Description
1	Yes	Ponded	
2	No	Negligible	
3	No	Very low	
4	No	Low	
5	No	Medium	
6	No	High	
7	No	Very high	

Domain Name: **rupture_resist_block_cem** Length of Longest Choice Value: 25

Seq	Obsolete?	Choice Value	Choice Description
1	No	Noncemented	*Stress applied ranges from 0 to 8 newtons. (SSM)*
2	No	Extremely weakly cemented	*Stress applied ranges from 8 to 20 newtons. (SSM)*
3	No	Very weakly cemented	*Stress applied ranges from 20 to 40 newtons. (SSM)*
4	No	Weakly cemented	*Stress applied ranges from 40 to 80 newtons. (SSM)*
5	Yes	Weakly cemented*	*Stress applied ranges from 8 to 80 newtons. (SSM)*
6	No	Moderately cemented	*Stress applied ranges from 80 to 160 newtons. (SSM)*
7	Yes	Moderately cemented*	*Stress applied ranges from 80 to 800 newtons. (SSM)*
8	No	Strongly cemented	*Stress applied ranges from 160 to 800 newtons. (SSM)*
9	Yes	Strongly cemented*	*Stress applied ranges from 800 newtons to 3 joules. (SSM)*
10	No	Very strongly cemented	*Stress applied ranges from 800 newtons to 3 joules. (SSM)*
11	No	Indurated	*Stress applied is greater than or equal 3 joules. (SSM)*
12	Yes	Extremely strong	
13	Yes	hard	
14	Yes	soft	

Domain Name: **rupture_resist_block_dry** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
1	No	Loose	*Aggregated or block-type specimen not obtainable.*
2	No	Soft	*Stress applied ranges from 0 to 8 newtons. (SSM)*
3	No	Slightly hard	*Stress applied ranges from 8 to 20 newtons. (SSM)*
4	Yes	Somewhat hard	
5	No	Moderately hard	*Stress applied ranges from 20 to 40 newtons. (SSM)*
6	No	Hard	*Stress applied ranges from 40 to 80 newtons. (SSM)*
7	No	Very hard	*Stress applied ranges from 80 to 160 newtons. (SSM)*
8	No	Extremely hard	*Stress applied ranges from 160 to 800 newtons. (SSM)*
9	No	Rigid	*Stress applied ranges from 800 newtons to 3 joules. (SSM)*
10	No	Very rigid	*Stress applied is greater than or equal 3 joules. (SSM)*
11	Yes	Hard when dry	*Stress applied ranges from 20 to 80 newtons. (SSM)*

Domain Name: **rupture_resist_block_moist** Length of Longest Choice Value: 25

Seq	Obsolete?	Choice Value	Choice Description
1	No	Loose	*Aggregated or block-type specimen not obtainable.*
2	No	Very friable	*Stress applied ranges from 0 to 8 newtons. (SSM)*
3	No	Friable	*Stress applied ranges from 8 to 20 newtons. (SSM)*
4	Yes	Slightly firm	
5	No	Firm	*Stress applied ranges from 20 to 40 newtons. (SSM)*
6	No	Very firm	*Stress applied ranges from 40 to 80 newtons. (SSM)*
7	No	Extremely firm	*Stress applied ranges from 80 to 160 newtons. (SSM)*
8	Yes	Extremely firm when moist	*Stress applied ranges from 80 to 800 newtons. (SSM)*
9	Yes	Extremely firm*	
10	No	Slightly rigid	*Stress applied ranges from 160 to 800 newtons. (SSM)*
11	No	Rigid	*Stress applied ranges from 800 newtons to 3 joules. (SSM)*
12	No	Very rigid	*Stress applied is greater than or equal 3 joules. (SSM)*

Domain Name: **rupture_resist_plate** Length of Longest Choice Value: 17

Seq	Obsolete?	Choice Value	Choice Description

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Domain Name: **rupture_resist_plate** Length of Longest Choice Value: 17

Seq	Obsolete?	Choice Value	Choice Description
1	No	Extremely weak	
2	No	Very weak	
3	No	Weak	
4	No	Moderate	
5	No	Moderately strong	
6	No	Strong	
7	No	Very strong	
8	No	Extremely strong	

Domain Name: **sdv_attribute_logical_data_type** Length of Longest Choice Value: 7

Seq	Obsolete?	Choice Value	Choice Description
1	No	Choice	
2	No	Float	
3	No	Integer	
4	No	String	
5	No	Vtext	

Domain Name: **site_index_curves** Length of Longest Choice Value: 53

Seq	Obsolete?	Choice Value	Choice Description
1	No	Gevorkiantz 1956a (010)	
2	No	Carmean, Hahn 1981 (011)	
3	No	Lloyd 1970a (020)	
4	No	Schumacher 1926 (030)	
5	No	Cochran 1979a (031)	
6	No	Dolph 1987 (032)	
7	No	SCS 1988a (035)	
8	No	Hoyer, Herman 1989 (05)	
9	No	Schumacher 1928 (050)	
10	No	Dolph 1991 (055)	

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Domain Name: **site_index_curves**

Length of Longest Choice Value: 53

Seq	Obsolete?	Choice Value	Choice Description
11	No	Herman, Curtis, DeMars 1978 (060)	
12	No	Lloyd 1971a (070)	
13	No	Carmean 1978 (071)	
14	No	Brendemuehl, McComb, Thomson 1961 (075)	
15	No	Lloyd 1971b (094)	
16	No	Carmean 1978 (095)	
17	No	Worthington, Johnson, Staebler, Lloyd 1960 (100)	
18	No	Harrington, Curtis 1986 (105)	
19	No	Lloyd 1971a (120)	
20	No	Carmean 1978 (121)	
21	No	Cooley 1958, 1962 (130)	
22	No	Carmean 1978 (131)	
23	No	Lloyd 1971a (140)	
24	No	Gregory, Haack 1965 (141)	
25	No	Boisen 1910 (150)	
26	No	Boisen 1910 (151)	
27	No	Boisen 1910 (153)	
28	No	Boisen 1910 (154)	
29	No	Boisen 1910 (155)	
30	No	Boisen 1910 (156)	
31	No	Boisen, Newlin 1910 (157)	
32	No	Boisen, Newlin 1910 (158)	
33	No	Korstian, Brush 1931 (160)	
34	No	Hampf 1965 (165)	
35	No	Carmean 1978 (166)	
36	No	Lloyd 1971a (170)	
37	No	Carmean 1978 (171)	
38	No	Kellog 1939a (190)	
39	No	Losche, Schlesinger (191)	
40	No	Losche, Schlesinger 1975 (192)	

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Domain Name: **site_index_curves**

Length of Longest Choice Value: 53

Seq	Obsolete?	Choice Value	Choice Description
41	No	Howell 1940 (200)	
42	No	Chojnacky 1986 (202)	
43	No	Barrett, Sauerwein 1982 (210)	
44	No	T.V.A. 1948 (220)	
45	No	Stone 1957 (230)	
46	No	Gevorkiantz 1957a (235)	
47	No	Aird, Stone 1955 (240)	
48	No	Cummings 1937 (260)	
49	No	Cochran 1985 (261)	
50	No	Schmidt, Shearer, Roe 1976 (265)	
51	No	Dolph 1983 (300)	
52	No	Broadfoot, Krinard 1959 (330)	
53	No	Carmean 1978 (331)	
54	No	Broadfoot 1969 (332)	
55	No	Trenk 1929 (340)	
56	No	Beck 1962 (350)	
57	No	Schlaegel, Kulow, Baughman 1969 (355)	
58	No	Beck 1962 (360)	
59	No	Applequist 1959 (390)	
60	No	Applequist 1959 (395)	
61	No	Brickell 1966 (410) (obsolete)	
62	No	Wlde 1965 (411)	
63	No	Alexander 1967 (412)	
64	No	Lloyd 1970a (420)	
65	No	Gevorkiantz 1957b (421)	
66	No	Carmean, Hahn 1981 (422)	
67	No	Ferber 1971 (430)	
68	No	Farr 1967 (440)	
69	No	Bevorkiantz 1957c (450)	
70	No	Lloyd 1970b (470)	

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Domain Name: **site_index_curves**

Length of Longest Choice Value: 53

Seq	Obsolete?	Choice Value	Choice Description
71	No	Meyer 1961 (490)	
72	No	Farr 1984 (491)	
73	No	Gevorkiantz 1956b (500)	
74	No	Wilde, Lyer, Tanser, Trautmann, Watterston 1965 (501)	
75	No	Wilde 1965 (502)	
76	No	Schumancher, Coile 1960 (510)	
77	No	Alexander 1966 (520)	
78	No	Hegyi 100TA 1979 (525)	
79	No	Coile, Schumacher 1953 (530)	
80	No	Nash 1963 (531)	
81	No	Gilmore, Metcalf 1961 (532)	
82	No	Langdon 1961 (540)	
83	No	Langdon 1959 (541)	
84	No	USDA 1929 (550)	
85	No	Barnes 1955 (555)	
86	No	Haig 1932 (570)	
87	No	USDA 1929 (580)	
88	No	Meyer 1961 (600)	
89	No	Minor 1964 (601)	
90	No	Dunning 1942 (605)	
91	No	Biging and Wensel 1984 (615)	
92	No	Nelson, Clutter, Chaiken 1961 (620)	
93	No	Kulow, Sowers, Heesch 1966 (621)	
94	No	Gevorkiantz 1957d (630)	
95	No	Wilde 1965 (631)	
96	No	Gilmore 1967 (632)	
97	No	Illick, Aughanbaugh 1930 (635)	

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Domain Name: **site_index_curves**

Length of Longest Choice Value: 53

Seq	Obsolete?	Choice Value	Choice Description
98	No	Schumacher, Coile 1960 (640)	
99	No	Doolittle 1960 (650)	
100	No	Gilmore 1968 (651)	
101	No	Lloyd 1970b (660)	
102	No	Gevorkiantz 1957e (670)	
103	No	Coile, Schumacher 1953 (690)	
104	No	Gilmore, Metcalf 1961 (691)	
105	No	Briscoe, Ferrill 1958 (700)	
106	No	Broadfoot 1960 (710)	
107	No	Neebe, Boyce 1959 (711)	
108	No	Brendemuehl 1965 (712)	
109	No	Gevorkiantz 1956c (720)	
110	No	Carmean 1978 (721)	
111	No	Gregory, Haack 1965 (725)	
112	No	Baker 1925 (730)	
113	No	Edminster, Mowrer, Shepperd 1985 (735)	
114	No	BCFS 1977 (740)	
115	No	Defler 1937 (750)	
116	No	Carmean 1978 (751)	
117	No	Auchmoody, Rexrode 1984 (752)	
118	No	SCS 1988b (765)	
119	No	Brickell 1968 (770)	
120	No	Monserud 1985 (771)	
121	No	Edminster Jump 1976 (775)	
122	No	Curtis, Herman, DeMars 1974 (780) (obsolete)	
123	No	DeMars, Herman 1987 (781)	
124	No	McArdle, Meyer, Bruce 1961 (790)	
125	No	King 1966 (795)	

Domain Name: **site_index_curves**

Length of Longest Choice Value: 53

Seq	Obsolete?	Choice Value	Choice Description
126	No	Gevorkiantz 1957f (800)	
127	No	Grane, Bower 1971 (801)	
128	No	McQuilkin 1974, 1978 (802)	
129	No	Graney, Bower 1971 (803)	
130	No	Carmean 1971, 1972 (804)	
131	No	Carmean 1971, 1972 (805)	
132	No	Carmean 1971, 1972 (806)	
133	No	Carmean 1978 (807)	
134	No	Carmean 1971, 1972 (808)	
135	No	Carmean 1978 (809)	
136	No	Olson 1959 (810)	
137	No	DeLasaux Pillsbury 1987 (811)	
138	No	Sauerwein 1983 (812)	
139	No	Schnur 1937 (820)	
140	No	Broadfoot 1961 (840)	
141	No	Broadfoot 1963 (860)	
142	No	Powers 1972 (880)	
143	No	Kellogg 1939b (900)	
144	No	Lindquist, Palley 1963 (930)	
145	No	Krumland, Wensel 1986 (935)	
146	No	Gevorkiantz 1957g (960) (obsolete)	
147	No	Kurucz 50BH, 1978 (970)	
148	No	Barnes 1962 (990)	
149	No	Frothingham 1915 (991)	
150	No	Wiley 1978 (995)	

Domain Name: **slope_shape**

Length of Longest Choice Value: 10

Seq	Obsolete?	Choice Value	Choice Description

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Domain Name: **slope_shape** Length of Longest Choice Value: 10

Seq	Obsolete?	Choice Value	Choice Description
1	No	Concave	*The land surface is shaped such that the slope gradient decreases down the slope, and runoff tends to decelerate as it flows down the slope. In profile, the surface bows downward in the mid-section.*
2	No	Convex	*The land surface is shaped such that the slope gradient increases down the slope, and runoff tends to accelerate as it flows down the slope. In profile, the surface bows upward in the mid-section.*
3	No	Linear	*The land surface is substantially a straight line when seen in profile at right angles to the contours -- planar.*
4	Yes	Undulating	
5	Yes	Complex	

Domain Name: **soil_erodibility_factor** Length of Longest Choice Value: 3

Seq	Obsolete?	Choice Value	Choice Description
1	No	.02	
2	No	.05	
3	No	.10	
4	No	.15	
5	No	.17	
6	No	.20	
7	No	.24	
8	No	.28	
9	No	.32	
10	No	.37	
11	No	.43	
12	No	.49	
13	No	.55	
14	No	.64	

Domain Name: **soil_moisture_status** Length of Longest Choice Value: 32

Seq	Obsolete?	Choice Value	Choice Description
1	No	Dry	*>1500 kPa (>15 bar) suction*
2	No	Moist	*=<1500 to 0.01 kPa (=<15 bar to 0.00001 bar) suction.*

Domain Name: **soil_moisture_status** Length of Longest Choice Value: 32

Seq	Obsolete?	Choice Value	Choice Description
3	Yes	Saturation from capillary fringe	
4	No	Wet	*<0.01 kPa (<0.00001 bar) suction; free water present (satiated wet).*
5	Yes	Frozen	

Domain Name: **soil_slippage_potential** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
1	No	Low	*Low potential of slippage.*
2	Yes	Moderately low	*Moderately low hazzard of slippage.*
3	No	Medium	*Medium potential of slippage.*
4	Yes	Moderately high	*Moderately high hazard of slippage.*
5	No	High	*High potential of slippage.*

Domain Name: **soil_survey_area_status** Length of Longest Choice Value: 18

Seq	Obsolete?	Choice Value	Choice Description
1	No	Extensive revision	*Soil Survey area has a published report that requires extensive revision, as defined in NSSH Part 610.06. The Director, Soil Survey Division, has approved the survey area for updating and republication, and the survey area has a signed memorandum of understanding and staffing to complete the fieldwork in 2 to 4 years.*
2	No	Initial	*Soil survey area has a signed Memorandum of Understanding and assigned staffing to complete the initial mapping and field documentation in 3 to 5 years.*
3	No	Nonproject	*Soil survey area has neither the initial mapping complete nor a signed correlation document.*
4	No	Out-of-date	*Soil survey area has a published report, but it no longer meets user needs; it requires extensive revision, as defined in NSSH Part 610.06.*
5	No	Published	*Soil survey area has been printed, or otherwise reproduced and issued by a Federal or State agency, and meets the current needs of users. Publication is defined as a traditional hard copy printed report, CD-ROM, web publication, or other media as agreed to by the National Cooperative Soil Survey cooperators in the memorandum of understanding.*
6	No	Update	*Soil survey area has a published report that requires some degree of revision (primarily to soil maps), as defined in NSSH Part 610.06. A comprehensive evaluation documents deficiencies for the entire survey area, and National Cooperative Soil Survey cooperators have agreed on the evaluation; staffing is assigned and other necessary resources are available to complete all revisions within 2 years or less.*
7	No	Update needed	*Soil survey area has a published report that requires some degree of revision (primarily to soil maps), as defined in NSSH Part 610.06. A comprehensive evaluation documents deficiencies for the entire survey area, and National Cooperative Soil Survey cooperators have agreed on the evaluation; however available resources do not dictate immediate project activities and a change to Maintenance status.*

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Domain Name: **soil_taxonomy_edition** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
1	No	tenth edition	
2	No	ninth edition	
3	No	eighth edition	
4	No	seventh edition	
5	No	sixth edition	
6	No	fifth edition	
7	No	fourth edition	
8	No	third edition	
9	No	second edition	
10	No	first edition	

Domain Name: **stickiness** Length of Longest Choice Value: 17

Seq	Obsolete?	Choice Value	Choice Description
1	No	Nonsticky	*After release of pressure, practically no soil material adheres to the thumb or forefinger. (SSM)*
2	No	Slightly sticky	*After release of pressure, soil material adheres perceptible to both digits. As the digits are separated, the material tends to come off one or the other rather cleanly. The material does not stretch appreciably on separation of the digits.*
3	No	Moderately sticky	*After release of pressure, soil material adheres to both digits and tends to stretch slightly rather than pull completely free from either digit.*
4	No	Very sticky	*After release of pressure, soil material adheres so strongly to both digits that it stretches decidely when the digits are separated. Soil material remains on both digits.*

Domain Name: **structure_grade** Length of Longest Choice Value: 19

Seq	Obsolete?	Choice Value	Choice Description
1	No	Weak	*Individual soil units or aggregates are barely observable in place. When gently disturbed, the soil material parts into a mixture of whole and broken units and much material that exhibits no planes of weakness. (SSM)*
2	No	Moderate	*Individual soil units or aggregates are well formed and evident in undisturbed soil. When disturbed, the soil material parts into a mixture of mostly whole units, some broken units, and material not in units. (SSM)*
3	No	Strong	*Individual soil units or aggregates are distinct in undisturbed soil. When removed, the soil material parts mainly into whole units. (SSM)*
4	Yes	Weak and moderate	
5	Yes	Moderate and strong	
6	No	Structureless	*No individual soil units or aggregates are observable, either in place or following disturbance. (SSM)*

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Domain Name: **structure_grade** Length of Longest Choice Value: 19

Seq	Obsolete?	Choice Value	Choice Description
7	Yes	Very strong	

Domain Name: **structure_size** Length of Longest Choice Value: 22

Seq	Obsolete?	Choice Value	Choice Description
1	No	Very fine	*Granular or platy: <1 mm*
			Columnar or prismatic: <10 mm
			Angular or subangular blocky: <5 mm
2	Yes	Very fine and fine	
3	No	Fine	*Granular: 1 to <2 mm*
			Columnar or prismatic: 10 to <20 mm
			Angular or subangular blocky: 5 to <10 mm
4	Yes	Fine and medium	
5	No	Medium	*Granular or platy: 2 to <5 mm*
			Columnar or prismatic: 20 to <50 mm
			Angular or subangular blocky: 10 to <20 mm
6	Yes	Medium and coarse	
7	No	Coarse	*Granular: 5 to <10 mm*
			Columnar or prismatic: 50 to <100mm
			Angular or subangular blocky: 20 to <50mm
8	Yes	Coarse and very coarse	
9	No	Very coarse	*Granular: =>10mm*
			Columnar or prismatic: 100 to <500mm
			Angular or subangular blocky: =>50mm
10	No	Very thin	*<1mm*
11	No	Thin	*1 to <2mm*
12	No	Thick	*5 to <10mm*

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Domain Name: **structure_size** Length of Longest Choice Value: 22

Seq	Obsolete?	Choice Value	Choice Description
13	No	Very thick	*=>10mm*
14	No	Extremely coarse	*Granular: n/a* *Columnar or prismatic: =>500mm* *Angular or subangular blocky: n/a*
15	Yes	Extremely fine	
16	Yes	Fine to coarse	

Domain Name: **structure_type** Length of Longest Choice Value: 17

Seq	Obsolete?	Choice Value	Choice Description
1	No	Angular blocky	*Polyhedrals with faces that intersect at sharp angles (planes).*
2	Yes	Blocky	
3	No	Cloddy	*Irregular blocks created by artificial disturbance - i.e. tillage operations or compaction.*
4	No	Columnar	*Vertically elongated units with rounded tops which commonly are "bleached".*
5	Yes	Crumb	
6	No	Granular	*Small polyhedrals with curved or very irregular faces.*
7	No	Lenticular platy	
8	No	Massive	*No structural units. Material is a coherent mass (not necessarily cemented).*
9	No	Platy	*Flat or tabular-like units.*
10	No	Prismatic	*Vertically elongated units with flat tops.*
11	No	Single grain	*No structural units. Material is entirely noncoherent.*
12	No	Subangular blocky	*Polyhedrals with sub-rounded and planar faces, lacking sharp angles.*
13	No	Wedge	*Elliptical, interlocking lenses that teminate in acute angles, bounded by slickensides; not limited to vertic materials.*

Domain Name: **taxonomic_family_c_e_act_class** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
1	No	not used	
2	No	subactive	*The CEC7 to clay ratio is less than 0.24.*
3	No	semiactive	*The CEC7 to clay ratio is 0.24 to 0.40.*

Domain Name: **taxonomic_family_c_e_act_class** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
4	No	active	*The CEC7 to clay ratio is 0.40 to 0.60.*
5	No	superactive	*The CEC7 to clay ratio is greater than or equal to 0.60.*

Domain Name: **taxonomic_family_mineralogy** Length of Longest Choice Value: 29

Seq	Obsolete?	Choice Value	Choice Description
1	No	allitic	
2	No	amorphic	
3	Yes	calcareous	
4	No	carbonatic	
5	Yes	chloritic	
6	Yes	clastic	
7	No	coprogenous	
8	No	diatomaceous	
9	No	ferrihumic	
10	No	ferrihydritic	
11	No	ferritic	
12	No	ferruginous	
13	No	gibbsitic	
14	No	glassy	
15	No	glauconitic	
16	No	gypsic	
17	No	halloysitic	
18	No	illitic	
19	Yes	illitic (calcareous)	
20	No	isotic	
21	No	kaolinitic	
22	No	magnesic	
23	No	marly	
24	No	micaceous	
25	Yes	micaceous (calcareous)	
26	No	mixed	

Domain Name: **taxonomic_family_mineralogy** Length of Longest Choice Value: 29

Seq	Obsolete?	Choice Value	Choice Description
27	Yes	mixed (calcareous)	
28	Yes	montmorillonitic	
29	Yes	montmorillonitic (calcareous)	
30	No	not used	
31	Yes	oxidic	
32	No	paramicaceous	
33	No	parasesquic	
34	Yes	sepiolitic	
35	Yes	serpentinitic	
36	No	sesquic	
37	No	siliceous	
38	Yes	siliceous (calcareous)	
39	No	smectitic	
40	Yes	unclassified	
41	No	vermiculitic	
42	Yes	vermiculitic (calcareous)	

Domain Name: **taxonomic_family_other** Length of Longest Choice Value: 18

Seq	Obsolete?	Choice Value	Choice Description
1	No	coated	
2	No	cracked	
3	Yes	level	
4	No	micro	
5	No	not used	
6	No	ortstein	
7	Yes	ortstein & shallow	
8	No	shallow	
9	Yes	shallow & coated	
10	Yes	shallow & uncoated	
11	Yes	sloping	
12	Yes	unclassified	

Domain Name: **taxonomic_family_other** Length of Longest Choice Value: 18

Seq	Obsolete?	Choice Value	Choice Description
13	No	uncoated	

Domain Name: **taxonomic_family_part_size_mod** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
1	No	aniso	*This is used only to indicate that more than one pair of contrasting particle size families exist within the control section. (see Soil Taxonomy)*
2	Yes	not aniso	
3	No	not used	*Used to indicate that the soil does not qualify as "aniso".*

Domain Name: **taxonomic_family_particle_size** Length of Longest Choice Value: 56

Seq	Obsolete?	Choice Value	Choice Description
1	No	ashy	
2	No	ashy over clayey	
3	No	ashy over clayey-skeletal	
4	No	ashy over loamy	
5	No	ashy over loamy-skeletal	
6	No	ashy over medial	
7	No	ashy over medial-skeletal	
8	No	ashy over pumiceous or cindery	
9	No	ashy over sandy or sandy-skeletal	
10	No	ashy-pumiceous	
11	No	ashy-skeletal	
12	No	ashy-skeletal over fragmental or cindery	
13	No	ashy-skeletal over loamy-skeletal	
14	No	ashy-skeletal over sandy or sandy-skeletal	
15	No	cindery	
16	No	cindery over loamy	

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Domain Name: **taxonomic_family_particle_size**

Length of Longest Choice Value: 56

Seq	Obsolete?	Choice Value	Choice Description
17	No	cindery over medial	
18	No	cindery over medial-skeletal	
19	Yes	cindery over sandy or sandy-skeletal	
20	No	clayey	
21	Yes	clayey over fine-silty	
22	No	clayey over fragmental	
23	No	clayey over loamy	
24	No	clayey over loamy-skeletal	
25	No	clayey over sandy or sandy-skeletal	
26	No	clayey-skeletal	
27	No	clayey-skeletal over sandy or sandy-skeletal	
28	No	coarse-loamy	
29	No	coarse-loamy over clayey	
30	No	coarse-loamy over fragmental	
31	No	coarse-loamy over sandy or sandy-skeletal	
32	No	coarse-silty	
33	No	coarse-silty over clayey	
34	Yes	coarse-silty over fragmental	
35	No	coarse-silty over sandy or sandy-skeletal	
36	No	fine	
37	No	fine-loamy	
38	No	fine-loamy over clayey	
39	No	fine-loamy over fragmental	
40	No	fine-loamy over sandy or sandy-skeletal	
41	No	fine-silty	
42	No	fine-silty over clayey	
43	No	fine-silty over fragmental	
44	No	fine-silty over sandy or sandy-skeletal	

Domain Name: **taxonomic_family_particle_size**

Length of Longest Choice Value: 56

Seq	Obsolete?	Choice Value	Choice Description
45	No	fragmental	
46	No	hydrous	
47	No	hydrous over clayey	
48	No	hydrous over clayey-skeletal	
49	No	hydrous over fragmental	
50	No	hydrous over loamy	
51	No	hydrous over loamy-skeletal	
52	No	hydrous over sandy or sandy-skeletal	
53	No	hydrous-pumiceous	
54	No	hydrous-skeletal	
55	No	loamy	
56	No	loamy over ashy or ashy-pumiceous	
57	No	loamy over pumiceous or cindery	
58	No	loamy over sandy or sandy-skeletal	
59	No	loamy-skeletal	
60	Yes	loamy-skeletal or clayey-skeletal	
61	No	loamy-skeletal over cindery	
62	No	loamy-skeletal over clayey	
63	No	loamy-skeletal over fragmental	
64	No	loamy-skeletal over sandy or sandy-skeletal	
65	No	medial	
66	No	medial over ashy	
67	No	medial over ashy-pumiceous or ashy-skeletal	
68	No	medial over clayey	
69	No	medial over clayey-skeletal	
70	No	medial over fragmental	
71	No	medial over hydrous	

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Domain Name: **taxonomic_family_particle_size**

Length of Longest Choice Value: 56

Seq	Obsolete?	Choice Value	Choice Description
72	No	medial over loamy	
73	No	medial over loamy-skeletal	
74	No	medial over pumiceous or cindery	
75	No	medial over sandy or sandy-skeletal	
76	Yes	medial over thixotropic	
77	No	medial-pumiceous	
78	No	medial-skeletal	
79	No	medial-skeletal over fragmental or cindery	
80	No	medial-skeletal over loamy-skeletal	
81	No	medial-skeletal over sandy or sandy-skeltal	
82	No	not used	
83	No	pumiceous	
84	No	pumiceous or ashy-pumiceous over loamy	
85	No	pumiceous or ashy-pumiceous over loamy-skeltal	
86	No	pumiceous or ashy-pumiceous over medial	
87	No	pumiceous or ashy-pumiceous over medial-skeletal	
88	No	pumiceous or ashy-pumiceous over sandy or sandy-skeletal	
89	No	sandy	
90	No	sandy or sandy-skeletal	
91	No	sandy over clayey	
92	No	sandy over loamy	
93	No	sandy-skeletal	
94	Yes	sandy-skeletal over clayey	
95	No	sandy-skeletal over loamy	

Domain Name: **taxonomic_family_particle_size** Length of Longest Choice Value: 56

Seq	Obsolete?	Choice Value	Choice Description
96	Yes	thixotropic	
97	Yes	thixotropic over fragmental	
98	Yes	thixotropic over loamy	
99	Yes	thixotropic over loamy-skeletal	
100	Yes	thixotropic over sandy or sandy-skeletal	
101	Yes	thixotropic-skeletal	
102	Yes	unclassified	
103	No	very-fine	

Domain Name: **taxonomic_family_reaction** Length of Longest Choice Value: 13

Seq	Obsolete?	Choice Value	Choice Description
1	No	acid	
2	No	allic	
3	No	calcareous	
4	No	dysic	
5	No	euic	
6	No	nonacid	
7	Yes	noncalcareous	
8	No	not used	
9	Yes	unclassified	

Domain Name: **taxonomic_family_temp_class** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
1	No	frigid	
2	No	hypergelic	
3	No	hyperthermic	
4	No	isofrigid	
5	No	isohyperthermic	

Domain Name: **taxonomic_family_temp_class** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
6	No	isomesic	
7	No	isothermic	
8	No	mesic	
9	No	not used	
10	No	pergelic	
11	No	subgelic	
12	No	thermic	
13	Yes	unclassified	

Domain Name: **taxonomic_great_group** Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
1	No	Acraquox	
2	Yes	Acrohumox	
3	No	Acroperox	
4	Yes	Acrorthox	
5	No	Acrotorrox	
6	No	Acrudox	
7	No	Acrustox	
8	Yes	Agrudalfs	
9	No	Alaquods	
10	No	Albaqualfs	
11	No	Albaquults	
12	No	Alorthods	
13	Yes	Andaquepts	
14	No	Anhyorthels	
15	No	Anhyturbels	
16	No	Anthracambids	
17	No	Aquicambids	
18	No	Aquisalids	
19	No	Aquiturbels	
20	No	Aquorthels	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
21	Yes	Arents	
22	No	Argialbolls	
23	No	Argiaquolls	
24	Yes	Argiborolls	
25	No	Argicryids	
26	No	Argicryolls	
27	No	Argidurids	
28	No	Argigypsids	
29	No	Argiorthels	
30	No	Argiudolls	
31	No	Argiustolls	
32	No	Argixerolls	
33	Yes	Borofibrists	
34	Yes	Borofolists	
35	Yes	Borohemists	
36	Yes	Borosaprists	
37	No	Calciaquerts	
38	No	Calciaquolls	
39	No	Calciargids	
40	Yes	Calciborolls	
41	No	Calcicryepts	
42	No	Calcicryids	
43	No	Calcicryolls	
44	No	Calcigypsids	
45	Yes	Calciorthids	
46	No	Calcitorrerts	
47	No	Calciudolls	
48	No	Calciustepts	
49	No	Calciusterts	
50	No	Calciustolls	
51	No	Calcixerepts	
52	No	Calcixererts	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
53	No	Calcixerolls	
54	Yes	Camborthids	
55	Yes	Chromoxererts	
56	Yes	Chromuderts	
57	Yes	Chromusterts	
58	Yes	Cryandepts	
59	No	Cryaqualfs	
60	No	Cryaquands	
61	No	Cryaquents	
62	No	Cryaquepts	
63	No	Cryaquods	
64	No	Cryaquolls	
65	Yes	Cryoboralfs	
66	Yes	Cryoborolls	
67	Yes	Cryochrepts	
68	No	Cryofibrists	
69	No	Cryofluvents	
70	No	Cryofolists	
71	No	Cryohemists	
72	Yes	Cryohumods	
73	No	Cryopsamments	
74	No	Cryorthents	
75	Yes	Cryorthods	
76	No	Cryosaprists	
77	No	Cryrendolls	
78	Yes	Cryumbrepts	
79	Yes	Durandepts	
80	No	Duraqualfs	
81	No	Duraquands	
82	No	Duraquerts	
83	No	Duraquods	
84	No	Duraquolls	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
85	Yes	Durargids	
86	No	Duricryands	
87	No	Duricryods	
88	No	Duricryolls	
89	No	Durihumods	
90	No	Duritorrands	
91	No	Durixeralfs	
92	No	Durixerepts	
93	No	Durixererts	
94	No	Durixerolls	
95	Yes	Durochrepts	
96	Yes	Durorthids	
97	No	Durorthods	
98	No	Durudands	
99	No	Durudepts	
100	No	Durustalfs	
101	No	Durustands	
102	No	Durustepts	
103	No	Durustolls	
104	Yes	Dystrandepts	
105	No	Dystraquerts	
106	Yes	Dystrochrepts	
107	No	Dystrocryepts	
108	No	Dystrogelepts	
109	Yes	Dystropepts	
110	No	Dystroxerepts	
111	No	Dystrudepts	
112	No	Dystruderts	
113	No	Dystrustepts	
114	No	Dystrusterts	
115	No	Endoaqualfs	
116	No	Endoaquands	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
117	No	Endoaquents	
118	No	Endoaquepts	
119	No	Endoaquerts	
120	No	Endoaquods	
121	No	Endoaquolls	
122	No	Endoaquults	
123	No	Epiaqualfs	
124	No	Epiaquands	
125	No	Epiaquents	
126	No	Epiaquepts	
127	No	Epiaquerts	
128	No	Epiaquods	
129	No	Epiaquolls	
130	No	Epiaquults	
131	Yes	Eutrandepts	
132	No	Eutraquox	
133	Yes	Eutroboralfs	
134	Yes	Eutrochrepts	
135	Yes	Eutrocryepts	
136	No	Eutrogelepts	
137	Yes	Eutropepts	
138	No	Eutroperox	
139	Yes	Eutrorthox	
140	No	Eutrotorrox	
141	No	Eutrudepts	
142	No	Eutrudox	
143	No	Eutrustox	
144	Yes	Ferrods	
145	No	Ferrudalfs	
146	No	Fibristels	
147	No	Fluvaquents	
148	No	Folistels	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
149	No	Fragiaqualfs	
150	No	Fragiaquepts	
151	No	Fragiaquods	
152	No	Fragiaquults	
153	Yes	Fragiboralfs	
154	No	Fragihumods	
155	Yes	Fragiochrepts	
156	No	Fragiorthods	
157	No	Fragiudalfs	
158	No	Fragiudepts	
159	No	Fragiudults	
160	Yes	Fragiumbrepts	
161	No	Fragixeralfs	
162	No	Fragixerepts	
163	No	Fraglossudalfs	
164	No	Fulvicryands	
165	No	Fulvudands	
166	No	Gelaquands	
167	No	Gelaquents	
168	No	Gelaquepts	
169	Yes	Gelicryands	
170	No	Gelifluvents	
171	No	Gelorthents	
172	Yes	Gibbsiaquox	
173	Yes	Gibbsihumox	
174	Yes	Gibbsiorthox	
175	No	Glacistels	
176	No	Glossaqualfs	
177	Yes	Glossoboralfs	
178	No	Glossocryalfs	
179	No	Glossudalfs	
180	No	Gypsiargids	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
181	No	Gypsicryids	
182	Yes	Gypsiorthids	
183	No	Gypsitorrerts	
184	No	Gypsiusterts	
185	No	Halaquepts	
186	No	Haplanthrepts	
187	Yes	Haplaquands	
188	Yes	Haplaquents	
189	Yes	Haplaquepts	
190	Yes	Haplaquods	
191	Yes	Haplaquolls	
192	No	Haplaquox	
193	No	Haplargids	
194	Yes	Haploborolls	
195	No	Haplocalcids	
196	No	Haplocambids	
197	No	Haplocryalfs	
198	No	Haplocryands	
199	No	Haplocryepts	
200	No	Haplocryerts	
201	No	Haplocryids	
202	No	Haplocryods	
203	No	Haplocryolls	
204	No	Haplodurids	
205	No	Haplofibrists	
206	No	Haplogelods	
207	No	Haplogelolls	
208	No	Haplogypsids	
209	No	Haplohemists	
210	No	Haplohumods	
211	Yes	Haplohumox	
212	No	Haplohumults	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
213	No	Haploperox	
214	No	Haplorthels	
215	No	Haplorthods	
216	Yes	Haplorthox	
217	No	Haplosalids	
218	No	Haplosaprists	
219	No	Haplotorrands	
220	No	Haplotorrerts	
221	No	Haplotorrox	
222	No	Haploturbels	
223	No	Haploxeralfs	
224	No	Haploxerands	
225	No	Haploxerepts	
226	No	Haploxererts	
227	No	Haploxerolls	
228	No	Haploxerults	
229	No	Hapludalfs	
230	No	Hapludands	
231	Yes	Hapludepts	
232	No	Hapluderts	
233	No	Hapludolls	
234	No	Hapludox	
235	No	Hapludults	
236	Yes	Haplumbrepts	
237	No	Haplustalfs	
238	No	Haplustands	
239	No	Haplustepts	
240	No	Haplusterts	
241	No	Haplustolls	
242	No	Haplustox	
243	No	Haplustults	
244	No	Haprendolls	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
245	No	Hemistels	
246	No	Historthels	
247	No	Histoturbels	
248	No	Humaquepts	
249	No	Humicryepts	
250	No	Humicryerts	
251	No	Humicryods	
252	No	Humigelods	
253	Yes	Humitropepts	
254	Yes	Hydrandepts	
255	No	Hydraquents	
256	No	Hydrocryands	
257	No	Hydrudands	
258	No	Kandiaqualfs	
259	No	Kandiaquults	
260	No	Kandihumults	
261	No	Kandiperox	
262	No	Kandiudalfs	
263	No	Kandiudox	
264	No	Kandiudults	
265	No	Kandiustalfs	
266	No	Kandiustox	
267	No	Kandiustults	
268	No	Kanhaplaquults	
269	No	Kanhaplohumults	
270	No	Kanhapludalfs	
271	No	Kanhapludults	
272	No	Kanhaplustalfs	
273	No	Kanhaplustults	
274	Yes	Luvifibrists	
275	No	Luvihemists	
276	Yes	Medifibrists	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
277	Yes	Medifolists	
278	Yes	Medihemists	
279	Yes	Medisaprists	
280	No	Melanaquands	
281	No	Melanocryands	
282	No	Melanoxerands	
283	No	Melanudands	
284	No	Molliturbels	
285	No	Mollorthels	
286	Yes	Nadurargids	
287	No	Natralbolls	
288	No	Natraqualfs	
289	No	Natraquerts	
290	No	Natraquolls	
291	No	Natrargids	
292	Yes	Natriboralfs	
293	Yes	Natriborolls	
294	No	Natricryolls	
295	No	Natridurids	
296	No	Natrigypsids	
297	No	Natrixeralfs	
298	No	Natrixerolls	
299	No	Natrudalfs	
300	No	Natrudolls	
301	No	Natrustalfs	
302	No	Natrustolls	
303	Yes	Ochraqualfs	
304	Yes	Ochraquox	
305	Yes	Ochraquults	
306	No	Paleaquults	
307	No	Paleargids	
308	Yes	Paleboralfs	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
309	Yes	Paleborolls	
310	No	Palecryalfs	
311	No	Palecryolls	
312	No	Palehumults	
313	Yes	Paleorthids	
314	No	Paleudalfs	
315	No	Paleudolls	
316	No	Paleudults	
317	No	Paleustalfs	
318	No	Paleustolls	
319	No	Paleustults	
320	No	Palexeralfs	
321	No	Palexerolls	
322	No	Palexerults	
323	Yes	Pelloxererts	
324	Yes	Pelluderts	
325	Yes	Pellusterts	
326	No	Petraquepts	
327	No	Petroargids	
328	No	Petrocalcids	
329	No	Petrocambids	
330	No	Petrocryids	
331	No	Petrogypsids	
332	Yes	Placandepts	
333	No	Placaquands	
334	Yes	Placaquepts	
335	No	Placaquods	
336	No	Placocryods	
337	No	Placohumods	
338	No	Placorthods	
339	No	Placudands	
340	No	Plagganthrepts	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
341	Yes	Plaggepts	
342	No	Plinthaqualfs	
343	Yes	Plinthaquepts	
344	No	Plinthaquox	
345	No	Plinthaquults	
346	No	Plinthohumults	
347	No	Plinthoxeralfs	
348	No	Plinthudults	
349	No	Plinthustalfs	
350	No	Plinthustults	
351	No	Psammaquents	
352	No	Psammorthels	
353	No	Psammoturbels	
354	No	Quartzipsamments	
355	Yes	Rendolls	
356	No	Rhodoxeralfs	
357	No	Rhodudalfs	
358	No	Rhodudults	
359	No	Rhodustalfs	
360	No	Rhodustults	
361	No	Salaquerts	
362	No	Salicryids	
363	No	Salitorrerts	
364	Yes	Salorthids	
365	No	Salusterts	
366	No	Sapristels	
367	Yes	Sideraquods	
368	Yes	Sombrihumox	
369	No	Sombrihumults	
370	Yes	Sombriorthox	
371	No	Sombriperox	
372	Yes	Sombritropepts	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
373	No	Sombriudox	
374	No	Sombriustox	
375	No	Sphagnofibrists	
376	No	Sulfaquents	
377	No	Sulfaquepts	
378	No	Sulfaquerts	
379	No	Sulfihemists	
380	No	Sulfisaprists	
381	Yes	Sulfochrepts	
382	No	Sulfohemists	
383	No	Sulfosaprists	
384	No	Sulfudepts	
385	Yes	Torrerts	
386	No	Torriarents	
387	No	Torrifluvents	
388	No	Torrifolists	
389	No	Torriorthents	
390	No	Torripsamments	
391	Yes	Torrox	
392	Yes	Tropaqualfs	
393	Yes	Tropaquents	
394	Yes	Tropaquepts	
395	Yes	Tropaquods	
396	Yes	Tropaquults	
397	Yes	Tropofibrists	
398	Yes	Tropofluvents	
399	Yes	Tropofolists	
400	Yes	Tropohemists	
401	Yes	Tropohumods	
402	Yes	Tropohumults	
403	Yes	Tropopsamments	
404	Yes	Troporthents	

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Domain Name: **taxonomic_great_group**

Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
405	Yes	Troporthods	
406	Yes	Troposaprists	
407	Yes	Tropudalfs	
408	Yes	Tropudults	
409	No	Udarents	
410	No	Udifluvents	
411	No	Udifolists	
412	No	Udipsamments	
413	No	Udivitrands	
414	No	Udorthents	
415	Yes	Umbraqualfs	
416	Yes	Umbraquox	
417	No	Umbraquults	
418	Yes	Umbriorthox	
419	No	Umbriturbels	
420	No	Umbrorthels	
421	No	Ustarents	
422	No	Ustifluvents	
423	No	Ustifolists	
424	No	Ustipsamments	
425	No	Ustivitrands	
426	Yes	Ustochrepts	
427	No	Ustorthents	
428	Yes	Ustropepts	
429	No	Vermaqualfs	
430	No	Vermaquepts	
431	Yes	Vermiborolls	
432	No	Vermudolls	
433	No	Vermustolls	
434	Yes	Vitrandepts	
435	No	Vitraquands	
436	No	Vitricryands	

Domain Name: **taxonomic_great_group** Length of Longest Choice Value: 16

Seq	Obsolete?	Choice Value	Choice Description
437	No	Vitrigelands	
438	No	Vitritorrands	
439	No	Vitrixerands	
440	No	Xerarents	
441	Yes	Xerochrepts	
442	No	Xerofluvents	
443	No	Xeropsamments	
444	No	Xerorthents	
445	Yes	Xerumbrepts	

Domain Name: **taxonomic_moisture_class** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
1	No	Aquic	
2	No	Aridic (torric)	
3	No	Peraquic	
4	No	Perudic	
5	No	Udic	
6	No	Ustic	
7	No	Xeric	

Domain Name: **taxonomic_moisture_subclass** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
1	No	Aeric	
2	No	Anthraquic	
3	No	Aquic	
4	No	Aridic (torric)	
5	No	Oxyaquic	
6	No	Typic	
7	No	Udic	

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Domain Name: **taxonomic_moisture_subclass** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
8	No	Ustic	
9	No	Xeric	

Domain Name: **taxonomic_order** Length of Longest Choice Value: 11

Seq	Obsolete?	Choice Value	Choice Description
1	No	Alfisols	
2	No	Andisols	
3	No	Aridisols	
4	No	Entisols	
5	No	Gelisols	
6	No	Histosols	
7	No	Inceptisols	
8	No	Mollisols	
9	No	Oxisols	
10	No	Spodosols	
11	No	Ultisols	
12	No	Vertisols	

Domain Name: **taxonomic_subgroup** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1	No	Abruptic Argiaquolls	
2	Yes	Abruptic Argiborolls	
3	No	Abruptic Argicryolls	
4	No	Abruptic Argiduridic Durixerolls	
5	No	Abruptic Argidurids	
6	No	Abruptic Argiudolls	
7	Yes	Abruptic Aridic Argiborolls	
8	Yes	Abruptic Aridic Argixerolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
9	Yes	Abruptic Aridic Durixerolls	
10	Yes	Abruptic Cryic Paleborolls	
11	Yes	Abruptic Cryoborolls	
12	Yes	Abruptic Durargids	
13	No	Abruptic Durixeralfs	
14	Yes	Abruptic Durixerolls	
15	No	Abruptic Haplic Durixeralfs	
16	Yes	Abruptic Paleboralfs	
17	Yes	Abruptic Paleborolls	
18	No	Abruptic Palecryolls	
19	Yes	Abruptic Udic Argiborolls	
20	No	Abruptic Xeric Argidurids	
21	Yes	Abruptic Xerollic Durargids	
22	No	Acraquoxic Duraquands	
23	No	Acraquoxic Kandiaquults	
24	No	Acraquoxic Melanaquands	
25	Yes	Acric Kandiaquults	
26	Yes	Acric Plinthic	
27	No	Acrudoxic Durudands	
28	No	Acrudoxic Fulvudands	
29	No	Acrudoxic Haplocryands	
30	No	Acrudoxic Hapludands	
31	Yes	Acrudoxic Hydric Fulvudands	
32	No	Acrudoxic Hydric Hapludands	
33	No	Acrudoxic Hydric Melanudands	
34	Yes	Acrudoxic Hydric Placudands	
35	No	Acrudoxic Hydrudands	
36	No	Acrudoxic Kandiudults	
37	No	Acrudoxic Kanhapludults	
38	No	Acrudoxic Melanudands	
39	No	Acrudoxic Placudands	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
40	No	Acrudoxic Plinthic Kandiudults	
41	No	Acrudoxic Thaptic Hapludands	
42	No	Acrudoxic Thaptic Hydrudands	
43	Yes	Acrudoxic Ultic Fulvudands	
44	No	Acrudoxic Ultic Hapludands	
45	No	Acrudoxic Vitric Melanudands	
46	No	Acrustoxic Kandiustults	
47	No	Acrustoxic Kanhaplustults	
48	No	Aeric Acraquox	
49	No	Aeric Alaquods	
50	No	Aeric Albaqualfs	
51	No	Aeric Albaquults	
52	Yes	Aeric Andaquepts	
53	Yes	Aeric Arenic	
54	No	Aeric Calciaquerts	
55	No	Aeric Calciaquolls	
56	No	Aeric Chromic Vertic Epiaqualfs	
57	No	Aeric Cryaquepts	
58	Yes	Aeric Cryaquods	
59	No	Aeric Duraquerts	
60	No	Aeric Dystraquerts	
61	No	Aeric Endoaqualfs	
62	No	Aeric Endoaquents	
63	No	Aeric Endoaquepts	
64	No	Aeric Endoaquerts	
65	No	Aeric Endoaquults	
66	No	Aeric Epiaqualfs	
67	No	Aeric Epiaquents	
68	No	Aeric Epiaquepts	
69	No	Aeric Epiaquerts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
70	No	Aeric Epiaquults	
71	No	Aeric Eutraquox	
72	No	Aeric Fluvaquents	
73	No	Aeric Fragiaqualfs	
74	No	Aeric Fragiaquepts	
75	No	Aeric Fragiaquults	
76	No	Aeric Fragic Endoaqualfs	
77	No	Aeric Fragic Epiaqualfs	
78	No	Aeric Fragic Epiaquults	
79	No	Aeric Fragic Glossaqualfs	
80	No	Aeric Glossaqualfs	
81	Yes	Aeric Grossarenic	
82	No	Aeric Halaquepts	
83	Yes	Aeric Haplaquents	
84	Yes	Aeric Haplaquepts	
85	Yes	Aeric Haplaquods	
86	No	Aeric Haplaquox	
87	No	Aeric Humaquepts	
88	No	Aeric Humic Cryaquepts	
89	No	Aeric Kandiaqualfs	
90	No	Aeric Kandiaquults	
91	No	Aeric Kanhaplaquults	
92	Yes	Aeric Mollic	
93	Yes	Aeric Ochraqualfs	
94	Yes	Aeric Ochraquults	
95	No	Aeric Paleaquults	
96	No	Aeric Plinthaquox	
97	Yes	Aeric Plinthic Fragiaquults	
98	Yes	Aeric Tropaqualfs	
99	Yes	Aeric Tropaquepts	
100	Yes	Aeric Tropaquods	
101	Yes	Aeric Tropic Fluvaquents	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
102	No	Aeric Umbric Endoaqualfs	
103	No	Aeric Umbric Epiaqualfs	
104	No	Aeric Umbric Kandiaqualfs	
105	No	Aeric Umbric Kanhaplaquults	
106	Yes	Aeric Umbric Ochraqualfs	
107	No	Aeric Vertic Albaqualfs	
108	No	Aeric Vertic Epiaqualfs	
109	Yes	Aeric Xeric	
110	Yes	Albaquic Fragiudalfs	
111	No	Albaquic Hapludalfs	
112	No	Albaquic Paleudalfs	
113	No	Albaquultic Hapludalfs	
114	Yes	Albic Argiborolls	
115	Yes	Albic Argiudolls	
116	Yes	Albic Argixerolls	
117	Yes	Albic Cryoborolls	
118	No	Albic Glossic Natraqualfs	
119	No	Albic Natraqualfs	
120	Yes	Albollic Argiborolls	
121	No	Alfic Alaquods	
122	No	Alfic Alorthods	
123	Yes	Alfic Andeptic	
124	Yes	Alfic Andeptic Cryorthents	
125	No	Alfic Arenic Alaquods	
126	Yes	Alfic Arenic Haplaquods	
127	No	Alfic Argicryolls	
128	No	Alfic Argiudolls	
129	No	Alfic Argiustolls	
130	No	Alfic Argixerolls	
131	Yes	Alfic Cryochrepts	
132	Yes	Alfic Cryopsamments	
133	Yes	Alfic Cryorthents	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
134	No	Alfic Epiaquods	
135	No	Alfic Fragiorthods	
136	Yes	Alfic Haplaquods	
137	No	Alfic Haplorthods	
138	No	Alfic Haploxerands	
139	No	Alfic Hapludands	
140	No	Alfic Haplustands	
141	No	Alfic Humic Haploxerands	
142	No	Alfic Humic Vitrixerands	
143	No	Alfic Lithic Argiustolls	
144	No	Alfic Oxyaquic Fragiorthods	
145	No	Alfic Oxyaquic Haplorthods	
146	Yes	Alfic Sideraquods	
147	No	Alfic Udarents	
148	Yes	Alfic Udipsamments	
149	No	Alfic Udivitrands	
150	Yes	Alfic Ustipsamments	
151	No	Alfic Vertic Argiudolls	
152	No	Alfic Vitricryands	
153	No	Alfic Vitrixerands	
154	No	Alfic Xerarents	
155	Yes	Alfic Xeropsamments	
156	Yes	Alic Aquic Melanudands	
157	Yes	Alic Dystraquerts	
158	Yes	Alic Dystruderts	
159	No	Alic Endoaquands	
160	No	Alic Epiaquands	
161	Yes	Alic Fulvudands	
162	Yes	Alic Haplaquands	
163	No	Alic Haplocryands	
164	No	Alic Hapludands	
165	Yes	Alic Melanocryands	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
166	Yes	Alic Melanudands	
167	Yes	Alic Pachic Melanudands	
168	Yes	Alic Thaptic Melanudands	
169	Yes	Andaqueptic	
170	Yes	Andaqueptic Cryaquents	
171	Yes	Andaqueptic Fluvaquents	
172	Yes	Andaqueptic Haplaquolls	
173	Yes	Andaqueptic Ochraqualfs	
174	Yes	Andaquic	
175	Yes	Andeptic	
176	Yes	Andeptic Cryoboralfs	
177	Yes	Andeptic Cryoborolls	
178	Yes	Andeptic Cryofluvents	
179	Yes	Andeptic Cryorthents	
180	Yes	Andeptic Glossoboric	
181	Yes	Andeptic Haplohumults	
182	Yes	Andeptic Palehumults	
183	Yes	Andeptic Udorthents	
184	No	Andic Aquorthels	
185	Yes	Andic Argiborolls	
186	No	Andic Argicryolls	
187	No	Andic Argiudolls	
188	No	Andic Argiustolls	
189	No	Andic Argixerolls	
190	Yes	Andic Cryaquepts	
191	No	Andic Cryaquods	
192	Yes	Andic Cryoboralfs	
193	Yes	Andic Cryoborolls	
194	Yes	Andic Cryochrepts	
195	No	Andic Cryofluvents	
196	Yes	Andic Cryorthods	
197	Yes	Andic Cryumbrepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
198	No	Andic Duraquods	
199	No	Andic Duricryods	
200	No	Andic Durihumods	
201	No	Andic Durixerepts	
202	Yes	Andic Durochrepts	
203	No	Andic Durorthods	
204	No	Andic Durudepts	
205	Yes	Andic Dystric	
206	Yes	Andic Dystric Eutrochrepts	
207	Yes	Andic Dystrochrepts	
208	No	Andic Dystrocryepts	
209	No	Andic Dystrogelepts	
210	Yes	Andic Dystropepts	
211	No	Andic Dystroxerepts	
212	No	Andic Dystrudepts	
213	No	Andic Dystrustepts	
214	No	Andic Endoaquods	
215	Yes	Andic Epiaquic	
216	No	Andic Epiaquods	
217	Yes	Andic Eutroboralfs	
218	Yes	Andic Eutrochrepts	
219	Yes	Andic Eutrocryepts	
220	No	Andic Eutrogelepts	
221	Yes	Andic Eutropepts	
222	No	Andic Eutrudepts	
223	Yes	Andic Fragiboralfs	
224	Yes	Andic Fragiochrepts	
225	No	Andic Fragiudalfs	
226	No	Andic Fragiudepts	
227	Yes	Andic Fragiumbrepts	
228	No	Andic Fragixeralfs	
229	No	Andic Fragixerepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
230	No	Andic Fraglossudalfs	
231	Yes	Andic Glossoboralfs	
232	No	Andic Glossocryalfs	
233	No	Andic Glossudalfs	
234	Yes	Andic Haploborolls	
235	No	Andic Haplocryalfs	
236	No	Andic Haplocryepts	
237	No	Andic Haplocryods	
238	No	Andic Haplocryolls	
239	No	Andic Haplogelods	
240	No	Andic Haplogelolls	
241	No	Andic Haplohumods	
242	No	Andic Haplohumults	
243	No	Andic Haploperox	
244	No	Andic Haplorthods	
245	No	Andic Haploxeralfs	
246	No	Andic Haploxerepts	
247	No	Andic Haploxerolls	
248	No	Andic Haploxerults	
249	No	Andic Hapludalfs	
250	No	Andic Hapludolls	
251	No	Andic Hapludox	
252	Yes	Andic Haplumbrepts	
253	No	Andic Haplustepts	
254	No	Andic Haplustolls	
255	No	Andic Humicryepts	
256	No	Andic Humicryods	
257	No	Andic Humigelods	
258	Yes	Andic Humitropepts	
259	No	Andic Kandihumults	
260	No	Andic Kandiperox	
261	No	Andic Kandiudox	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
262	No	Andic Kandiudults	
263	No	Andic Kandiustults	
264	No	Andic Kanhaplohumults	
265	No	Andic Kanhapludults	
266	No	Andic Kanhaplustults	
267	No	Andic Molliturbels	
268	No	Andic Mollorthels	
269	No	Andic Ombroaquic Kandihumults	
270	No	Andic Oxyaquic Dystrudepts	
271	No	Andic Oxyaquic Haploxerepts	
272	Yes	Andic Paleboralfs	
273	No	Andic Palecryalfs	
274	No	Andic Palehumults	
275	No	Andic Paleudalfs	
276	No	Andic Paleustolls	
277	No	Andic Palexeralfs	
278	No	Andic Palexerults	
279	No	Andic Placaquods	
280	No	Andic Placocryods	
281	No	Andic Placohumods	
282	Yes	Andic Troporthents	
283	Yes	Andic Udic	
284	No	Andic Udifluvents	
285	Yes	Andic Udorthents	
286	No	Andic Umbriturbels	
287	No	Andic Umbrorthels	
288	Yes	Andic Ustic	
289	Yes	Andic Ustic Humitropepts	
290	Yes	Andic Ustochrepts	
291	Yes	Andic Xerochrepts	
292	No	Andic Xerofluvents	
293	Yes	Andic Xerorthents	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
294	Yes	Andic Xerumbrepts	
295	No	Anionic Acroperox	
296	No	Anionic Acrudox	
297	No	Anionic Acrustox	
298	No	Anionic Aquic Acrudox	
299	No	Anionic Aquic Acrustox	
300	Yes	Anthraquic Eutrochrepts	
301	No	Anthraquic Eutrudepts	
302	No	Anthraquic Hapludalfs	
303	No	Anthraquic Hapludands	
304	No	Anthraquic Haplustepts	
305	No	Anthraquic Haplustolls	
306	No	Anthraquic Melanudands	
307	No	Anthraquic Paleudalfs	
308	No	Anthraquic Paleudults	
309	No	Anthraquic Ustifluvents	
310	Yes	Anthraquic Ustochrepts	
311	No	Anthraquic Ustorthents	
312	Yes	Anthropic Camborthids	
313	No	Anthropic Kandihumults	
314	No	Anthropic Kanhaplohumults	
315	Yes	Anthropic Paleudalfs	
316	No	Anthropic Torrifluvents	
317	Yes	Aqualfic Argixerolls	
318	No	Aqualfic Haplorthods	
319	No	Aquandic Albaqualfs	
320	No	Aquandic Argialbolls	
321	No	Aquandic Cryaquents	
322	No	Aquandic Cryaquepts	
323	No	Aquandic Cryaquolls	
324	No	Aquandic Duricryods	
325	No	Aquandic Durixerepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
326	Yes	Aquandic Durochrepts	
327	No	Aquandic Durudepts	
328	Yes	Aquandic Dystrochrepts	
329	No	Aquandic Dystrocryepts	
330	No	Aquandic Dystroxerepts	
331	No	Aquandic Dystrudepts	
332	No	Aquandic Endoaqualfs	
333	No	Aquandic Endoaquepts	
334	No	Aquandic Endoaquolls	
335	No	Aquandic Epiaqualfs	
336	No	Aquandic Epiaquepts	
337	No	Aquandic Epiaquolls	
338	No	Aquandic Fluvaquents	
339	No	Aquandic Gelaquepts	
340	No	Aquandic Glossudalfs	
341	No	Aquandic Halaquepts	
342	Yes	Aquandic Haplaquolls	
343	No	Aquandic Haplocryepts	
344	No	Aquandic Haplocryods	
345	No	Aquandic Haplohumults	
346	No	Aquandic Haploxeralfs	
347	No	Aquandic Haploxerepts	
348	Yes	Aquandic Hapludults	
349	Yes	Aquandic Haplumbrepts	
350	No	Aquandic Humaquepts	
351	No	Aquandic Humicryepts	
352	No	Aquandic Humicryods	
353	No	Aquandic Kandiudults	
354	No	Aquandic Kanhaplaquults	
355	No	Aquandic Palehumults	
356	No	Aquandic Palexeralfs	
357	No	Aquandic Palexerults	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
358	Yes	Aquandic Placaquepts	
359	Yes	Aquandic Tropaquepts	
360	Yes	Aquandic Umbraqualfs	
361	Yes	Aquandic Xerochrepts	
362	No	Aquandic Xerofluvents	
363	Yes	Aquandic Xerorthents	
364	Yes	Aquentic Chromuderts	
365	Yes	Aquentic Durorthids	
366	Yes	Aquentic Fragiorthods	
367	No	Aquentic Haplorthods	
368	Yes	Aqueptic Fragiudalfs	
369	No	Aqueptic Haplustox	
370	Yes	Aquertic Argiborolls	
371	No	Aquertic Argiudolls	
372	No	Aquertic Argiustolls	
373	No	Aquertic Chromic Hapludalfs	
374	Yes	Aquertic Eutroboralfs	
375	Yes	Aquertic Eutropepts	
376	No	Aquertic Eutrudepts	
377	No	Aquertic Glossudalfs	
378	Yes	Aquertic Haploborolls	
379	No	Aquertic Hapludalfs	
380	No	Aquertic Hapludolls	
381	No	Aquertic Haplustalfs	
382	No	Aquertic Haplustolls	
383	Yes	Aquertic Humitropepts	
384	No	Aquertic Natrustalfs	
385	No	Aquertic Paleustalfs	
386	No	Aquertic Udifluvents	
387	No	Aquertic Ustifluvents	
388	No	Aquic Acroperox	
389	No	Aquic Acrudox	

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Seq	Obsolete?	Choice Value	Choice Description
390	No	Aquic Acrustox	
391	Yes	Aquic Anionic	
392	Yes	Aquic Arenic Eutroboralfs	
393	No	Aquic Arenic Glossudalfs	
394	No	Aquic Arenic Hapludalfs	
395	No	Aquic Arenic Hapludults	
396	No	Aquic Arenic Haplustalfs	
397	No	Aquic Arenic Kandiudults	
398	No	Aquic Arenic Kandiustalfs	
399	No	Aquic Arenic Natrustalfs	
400	No	Aquic Arenic Paleudults	
401	No	Aquic Arenic Paleustalfs	
402	Yes	Aquic Argiborolls	
403	No	Aquic Argicryolls	
404	No	Aquic Argidurids	
405	No	Aquic Argiudolls	
406	No	Aquic Argiustolls	
407	No	Aquic Argixerolls	
408	No	Aquic Calciargids	
409	Yes	Aquic Calciborolls	
410	Yes	Aquic Calciorthids	
411	No	Aquic Calciudolls	
412	No	Aquic Calciustepts	
413	No	Aquic Calciustolls	
414	No	Aquic Calcixerepts	
415	No	Aquic Calcixerolls	
416	Yes	Aquic Camborthids	
417	Yes	Aquic Chromoxererts	
418	Yes	Aquic Chromuderts	
419	Yes	Aquic Cryoboralfs	
420	Yes	Aquic Cryoborolls	
421	Yes	Aquic Cryochrepts	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
422	No	Aquic Cryofluvents	
423	No	Aquic Cryopsamments	
424	No	Aquic Cryorthents	
425	Yes	Aquic Cryumbrepts	
426	Yes	Aquic Cumulic Cryoborolls	
427	Yes	Aquic Cumulic Haploborolls	
428	No	Aquic Cumulic Haplocryolls	
429	No	Aquic Cumulic Haploxerolls	
430	No	Aquic Cumulic Hapludolls	
431	No	Aquic Cumulic Haplustolls	
432	Yes	Aquic Durargids	
433	Yes	Aquic Duric Calciorthids	
434	Yes	Aquic Duric Camborthids	
435	No	Aquic Duric Haploxerolls	
436	No	Aquic Duric Hapludands	
437	No	Aquic Duric Natrixerolls	
438	Yes	Aquic Duric Torriorthents	
439	No	Aquic Duricryands	
440	No	Aquic Duricryods	
441	No	Aquic Durinodic Haplocalcids	
442	No	Aquic Durinodic Xeropsamments	
443	Yes	Aquic Durinodic Xerorthents	
444	No	Aquic Durixeralfs	
445	No	Aquic Durixerepts	
446	No	Aquic Durixererts	
447	No	Aquic Durixerolls	
448	Yes	Aquic Durochrepts	
449	Yes	Aquic Durorthidic Torriorthents	
450	Yes	Aquic Durorthidic Xeropsamments	
451	Yes	Aquic Durorthidic Xerorthents	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
452	Yes	Aquic Durorthids	
453	No	Aquic Durudands	
454	No	Aquic Durudepts	
455	No	Aquic Durustands	
456	Yes	Aquic Dystrandepts	
457	Yes	Aquic Dystric Eutrochrepts	
458	No	Aquic Dystric Eutrudepts	
459	Yes	Aquic Dystric Xerochrepts	
460	Yes	Aquic Dystrochrepts	
461	No	Aquic Dystrocryepts	
462	No	Aquic Dystrogelepts	
463	Yes	Aquic Dystropepts	
464	No	Aquic Dystroxerepts	
465	No	Aquic Dystrudepts	
466	No	Aquic Dystruderts	
467	No	Aquic Dystrustepts	
468	No	Aquic Dystrusterts	
469	Yes	Aquic Eutroboralfs	
470	Yes	Aquic Eutrochrepts	
471	Yes	Aquic Eutrocryepts	
472	No	Aquic Eutrogelepts	
473	Yes	Aquic Eutropepts	
474	No	Aquic Eutroperox	
475	No	Aquic Eutrudepts	
476	No	Aquic Eutrudox	
477	No	Aquic Eutrustox	
478	No	Aquic Ferrudalfs	
479	Yes	Aquic Fragiboralfs	
480	Yes	Aquic Fragiochrepts	
481	No	Aquic Fragiorthods	
482	No	Aquic Fragiudalfs	
483	No	Aquic Fragiudepts	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
484	No	Aquic Fragiudults	
485	Yes	Aquic Fragiumbrepts	
486	No	Aquic Fragixeralfs	
487	No	Aquic Fragixerepts	
488	No	Aquic Fraglossudalfs	
489	No	Aquic Fulvudands	
490	No	Aquic Gelifluvents	
491	Yes	Aquic Glossoboralfs	
492	No	Aquic Glossocryalfs	
493	No	Aquic Glossudalfs	
494	No	Aquic Gypsiargids	
495	No	Aquic Haplargids	
496	Yes	Aquic Haplic Nadurargids	
497	Yes	Aquic Haploborolls	
498	No	Aquic Haplocalcids	
499	No	Aquic Haplocryalfs	
500	No	Aquic Haplocryands	
501	No	Aquic Haplocryepts	
502	No	Aquic Haplocryods	
503	No	Aquic Haplocryolls	
504	Yes	Aquic Haploduridic Torriorthents	
505	No	Aquic Haplodurids	
506	No	Aquic Haplogelods	
507	No	Aquic Haplogelolls	
508	No	Aquic Haplohumults	
509	No	Aquic Haploperox	
510	No	Aquic Haplorthels	
511	No	Aquic Haplorthods	
512	No	Aquic Haploturbels	
513	No	Aquic Haploxeralfs	
514	No	Aquic Haploxerands	
515	No	Aquic Haploxerepts	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
516	No	Aquic Haploxererts	
517	No	Aquic Haploxerolls	
518	No	Aquic Haploxerults	
519	No	Aquic Hapludalfs	
520	No	Aquic Hapludands	
521	No	Aquic Hapluderts	
522	No	Aquic Hapludolls	
523	No	Aquic Hapludox	
524	No	Aquic Hapludults	
525	Yes	Aquic Haplumbrepts	
526	No	Aquic Haplustalfs	
527	No	Aquic Haplustands	
528	No	Aquic Haplustepts	
529	No	Aquic Haplustolls	
530	No	Aquic Haplustox	
531	No	Aquic Haplustults	
532	No	Aquic Humic Dystrudepts	
533	No	Aquic Humicryepts	
534	No	Aquic Humicryods	
535	No	Aquic Humigelods	
536	Yes	Aquic Humitropepts	
537	No	Aquic Hydrocryands	
538	No	Aquic Hydrudands	
539	No	Aquic Kandihumults	
540	No	Aquic Kandiperox	
541	No	Aquic Kandiudalfs	
542	No	Aquic Kandiudox	
543	No	Aquic Kandiudults	
544	No	Aquic Kandiustalfs	
545	No	Aquic Kandiustox	
546	No	Aquic Kandiustults	
547	No	Aquic Kanhaplohumults	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
548	No	Aquic Kanhapludalfs	
549	No	Aquic Kanhapludults	
550	No	Aquic Kanhaplustalfs	
551	No	Aquic Kanhaplustults	
552	No	Aquic Lithic Acroperox	
553	No	Aquic Lithic Acrudox	
554	No	Aquic Lithic Acrustox	
555	No	Aquic Lithic Eutroperox	
556	No	Aquic Lithic Eutrudox	
557	No	Aquic Lithic Eutrustox	
558	No	Aquic Lithic Haploperox	
559	Yes	Aquic Lithic Hapludalfs	
560	No	Aquic Lithic Hapludox	
561	No	Aquic Lithic Haplustox	
562	No	Aquic Lithic Kandiperox	
563	No	Aquic Lithic Kandiudox	
564	No	Aquic Lithic Kandiustox	
565	No	Aquic Melanudands	
566	No	Aquic Molliturbels	
567	No	Aquic Mollorthels	
568	Yes	Aquic Nadurargids	
569	No	Aquic Natrargidic Natridurids	
570	No	Aquic Natrargids	
571	No	Aquic Natridurids	
572	No	Aquic Natrixeralfs	
573	No	Aquic Natrixerolls	
574	No	Aquic Natrudalfs	
575	No	Aquic Natrustalfs	
576	No	Aquic Natrustolls	
577	No	Aquic Pachic Argiudolls	
578	No	Aquic Pachic Hapludolls	
579	No	Aquic Pachic Paleudolls	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
580	No	Aquic Paleargids	
581	Yes	Aquic Paleboralfs	
582	Yes	Aquic Paleborolls	
583	No	Aquic Palecryalfs	
584	No	Aquic Palecryolls	
585	No	Aquic Palehumults	
586	Yes	Aquic Paleorthids	
587	No	Aquic Paleudalfs	
588	No	Aquic Paleudolls	
589	No	Aquic Paleudults	
590	No	Aquic Paleustalfs	
591	No	Aquic Paleustolls	
592	No	Aquic Palexeralfs	
593	No	Aquic Palexerolls	
594	No	Aquic Palexerults	
595	No	Aquic Petrocalcids	
596	No	Aquic Petroferric Acroperox	
597	No	Aquic Petroferric Acrudox	
598	No	Aquic Petroferric Acrustox	
599	No	Aquic Petroferric Eutroperox	
600	No	Aquic Petroferric Eutrudox	
601	No	Aquic Petroferric Eutrustox	
602	No	Aquic Petroferric Haploperox	
603	No	Aquic Petroferric Hapludox	
604	No	Aquic Petroferric Haplustox	
605	No	Aquic Petroferric Kandiperox	
606	No	Aquic Petroferric Kandiudox	
607	No	Aquic Petroferric Kandiustox	
608	No	Aquic Placudands	
609	Yes	Aquic Psammentic	
610	No	Aquic Quartzipsamments	
611	No	Aquic Salicryids	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
612	No	Aquic Salitorrerts	
613	No	Aquic Salusterts	
614	No	Aquic Torrifluvents	
615	No	Aquic Torriorthents	
616	Yes	Aquic Tropopsamments	
617	Yes	Aquic Tropudalfs	
618	Yes	Aquic Tropudults	
619	No	Aquic Udifluvents	
620	No	Aquic Udipsamments	
621	No	Aquic Udivitrands	
622	No	Aquic Udorthents	
623	No	Aquic Umbriturbels	
624	No	Aquic Umbrorthels	
625	No	Aquic Ustifluvents	
626	No	Aquic Ustipsamments	
627	No	Aquic Ustivitrands	
628	Yes	Aquic Ustochrepts	
629	No	Aquic Ustorthents	
630	Yes	Aquic Ustropepts	
631	No	Aquic Vermustolls	
632	Yes	Aquic Vitrandepts	
633	No	Aquic Vitricryands	
634	No	Aquic Vitritorrands	
635	No	Aquic Vitrixerands	
636	Yes	Aquic Xerochrepts	
637	No	Aquic Xerofluvents	
638	No	Aquic Xeropsamments	
639	No	Aquic Xerorthents	
640	Yes	Aquic Xerumbrepts	
641	No	Aquicambidic Haplodurids	
642	No	Aquodic Quartzipsamments	
643	No	Aquollic Hapludalfs	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
644	Yes	Aquollic Salorthids	
645	No	Aquultic Argixerolls	
646	No	Aquultic Haploxeralfs	
647	No	Aquultic Haploxerolls	
648	No	Aquultic Hapludalfs	
649	No	Aquultic Haplustalfs	
650	No	Arenic Alaquods	
651	No	Arenic Albaqualfs	
652	No	Arenic Alorthods	
653	No	Arenic Argiaquolls	
654	Yes	Arenic Argiborolls	
655	No	Arenic Argiudolls	
656	No	Arenic Aridic Haplustalfs	
657	No	Arenic Aridic Kandiustalfs	
658	No	Arenic Aridic Paleustalfs	
659	Yes	Arenic Aridic Paleustolls	
660	No	Arenic Calciargids	
661	No	Arenic Endoaqualfs	
662	No	Arenic Endoaquults	
663	No	Arenic Epiaqualfs	
664	No	Arenic Epiaquults	
665	Yes	Arenic Eutroboralfs	
666	Yes	Arenic Eutrochrepts	
667	No	Arenic Eutrudepts	
668	No	Arenic Fragiudults	
669	No	Arenic Glossaqualfs	
670	No	Arenic Glossudalfs	
671	Yes	Arenic Haplaquods	
672	No	Arenic Haplargids	
673	Yes	Arenic Haplohumods	
674	No	Arenic Haploxerults	
675	No	Arenic Hapludalfs	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
676	No	Arenic Hapludults	
677	No	Arenic Haplustalfs	
678	No	Arenic Haplustults	
679	No	Arenic Kandiaqualfs	
680	No	Arenic Kandiaquults	
681	No	Arenic Kandiudalfs	
682	No	Arenic Kandiudults	
683	No	Arenic Kandiustalfs	
684	No	Arenic Kandiustults	
685	No	Arenic Kanhapludults	
686	No	Arenic Kanhaplustults	
687	No	Arenic Natrustalfs	
688	Yes	Arenic Ochraqualfs	
689	Yes	Arenic Ochraquults	
690	Yes	Arenic Orthoxic	
691	Yes	Arenic Oxyaquic Eutroboralfs	
692	No	Arenic Oxyaquic Glossudalfs	
693	No	Arenic Oxyaquic Hapludalfs	
694	No	Arenic Paleaquults	
695	No	Arenic Paleargids	
696	No	Arenic Paleudalfs	
697	No	Arenic Paleudults	
698	No	Arenic Paleustalfs	
699	No	Arenic Palexeralfs	
700	No	Arenic Plinthaquic Kandiudults	
701	No	Arenic Plinthaquic Paleudults	
702	No	Arenic Plinthic Kandiaquults	
703	No	Arenic Plinthic Kandiudalfs	
704	No	Arenic Plinthic Kandiudults	
705	No	Arenic Plinthic Kandiustults	
706	No	Arenic Plinthic Kanhapludults	
707	No	Arenic Plinthic Paleaquults	

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Seq	Obsolete?	Choice Value	Choice Description
708	No	Arenic Plinthic Paleudalfs	
709	No	Arenic Plinthic Paleudults	
710	No	Arenic Rhodic Kandiudults	
711	No	Arenic Rhodic Paleudults	
712	No	Arenic Ultic Alaquods	
713	No	Arenic Ultic Alorthods	
714	Yes	Arenic Ultic Haplaquods	
715	Yes	Arenic Ultic Haplohumods	
716	Yes	Arenic Umbraqualfs	
717	No	Arenic Umbric Alaquods	
718	Yes	Arenic Umbric Haplaquods	
719	No	Arenic Umbric Kandiaquults	
720	No	Arenic Umbric Paleaquults	
721	Yes	Arenic Ustalfic Haplargids	
722	No	Arenic Ustic Calciargids	
723	No	Arenic Ustic Haplargids	
724	No	Arenic Ustic Paleargids	
725	Yes	Arenic Ustollic Haplargids	
726	No	Argiaquic Argialbolls	
727	Yes	Argiaquic Cryoborolls	
728	No	Argiaquic Xeric Argialbolls	
729	Yes	Argic Calciorthids	
730	No	Argic Cryaquolls	
731	Yes	Argic Cryoborolls	
732	Yes	Argic Cryopsamments	
733	No	Argic Duraquolls	
734	No	Argic Duricryolls	
735	Yes	Argic Durixerolls	
736	No	Argic Endoaquods	
737	No	Argic Fragiaquods	
738	Yes	Argic Lithic Cryoborolls	
739	Yes	Argic Pachic Cryoborolls	

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Seq	Obsolete?	Choice Value	Choice Description
740	No	Argic Petrocalcids	
741	Yes	Argic Quartzipsamments	
742	Yes	Argic Udipsamments	
743	Yes	Argic Ustic Quartzipsamments	
744	Yes	Argic Ustipsamments	
745	Yes	Argic Vertic Cryoborolls	
746	Yes	Argic Xeropsamments	
747	Yes	Argidic	
748	No	Argidic Argidurids	
749	No	Argidic Durixerolls	
750	No	Argiduridic Argixerolls	
751	No	Argiduridic Durixerolls	
752	No	Argiduridic Durustolls	
753	Yes	Argixerollic	
754	Yes	Aridic Argiborolls	
755	No	Aridic Argiustolls	
756	No	Aridic Argixerolls	
757	Yes	Aridic Calciborolls	
758	Yes	Aridic Calcic Argixerolls	
759	No	Aridic Calciustepts	
760	No	Aridic Calciusterts	
761	No	Aridic Calciustolls	
762	No	Aridic Calcixererts	
763	No	Aridic Calcixerolls	
764	No	Aridic Duraquerts	
765	Yes	Aridic Duric Haploxerolls	
766	Yes	Aridic Duric Haplustolls	
767	No	Aridic Durixererts	
768	Yes	Aridic Durixerolls	
769	Yes	Aridic Durochrepts	
770	Yes	Aridic Durustolls	
771	No	Aridic Dystraquerts	

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Seq	Obsolete?	Choice Value	Choice Description
772	No	Aridic Dystrustepts	
773	No	Aridic Dystrusterts	
774	No	Aridic Endoaquerts	
775	No	Aridic Epiaquerts	
776	Yes	Aridic Eutroboralfs	
777	No	Aridic Glossic Natrustalfs	
778	No	Aridic Gypsiusterts	
779	Yes	Aridic Haploborolls	
780	No	Aridic Haploxererts	
781	No	Aridic Haploxerolls	
782	No	Aridic Haplustalfs	
783	No	Aridic Haplustepts	
784	No	Aridic Haplusterts	
785	No	Aridic Haplustolls	
786	No	Aridic Kandiustalfs	
787	No	Aridic Kandiustults	
788	No	Aridic Kanhaplustalfs	
789	No	Aridic Kanhaplustults	
790	No	Aridic Leptic Haplusterts	
791	No	Aridic Leptic Natrustalfs	
792	No	Aridic Leptic Natrustolls	
793	No	Aridic Lithic Argiustolls	
794	No	Aridic Lithic Haplustepts	
795	No	Aridic Lithic Haplustolls	
796	Yes	Aridic Lithic Ustochrepts	
797	No	Aridic Lithic Ustorthents	
798	Yes	Aridic Natrargids	
799	Yes	Aridic Natriborolls	
800	No	Aridic Natrixerolls	
801	No	Aridic Natrustalfs	
802	No	Aridic Natrustolls	
803	Yes	Aridic Pachic	

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Seq	Obsolete?	Choice Value	Choice Description
804	No	Aridic Paleustalfs	
805	No	Aridic Paleustolls	
806	No	Aridic Palexerolls	
807	Yes	Aridic Petrocalcic Palexerolls	
808	No	Aridic Salaquerts	
809	No	Aridic Salusterts	
810	Yes	Aridic Torriorthents	
811	No	Aridic Ustifluvents	
812	No	Aridic Ustipsamments	
813	Yes	Aridic Ustochrepts	
814	No	Aridic Ustorthents	
815	Yes	Aridic Ustropepts	
816	Yes	Aridic Vermiborolls	
817	Yes	Boralfic Argiborolls	
818	Yes	Boralfic Argiustolls	
819	Yes	Boralfic Argixerolls	
820	Yes	Boralfic Cryoborolls	
821	Yes	Boralfic Cryorthods	
822	Yes	Boralfic Lithic Cryoborolls	
823	Yes	Boralfic Udertic Argiborolls	
824	Yes	Boralfic Udic Argiborolls	
825	Yes	Borollic Calciorthids	
826	Yes	Borollic Camborthids	
827	Yes	Borollic Glossic Natrargids	
828	Yes	Borollic Haplargids	
829	Yes	Borollic Lithic Calciorthids	
830	Yes	Borollic Lithic Camborthids	
831	Yes	Borollic Lithic Haplargids	
832	Yes	Borollic Natrargids	
833	Yes	Borollic Paleargids	
834	Yes	Borollic Paleorthids	
835	Yes	Borollic Torriorthents	

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Seq	Obsolete?	Choice Value	Choice Description
836	Yes	Borollic Vertic Camborthids	
837	Yes	Borollic Vertic Haplargids	
838	Yes	Borollic Vertic Paleargids	
839	No	Calciargidic Argixerolls	
840	Yes	Calciargidic Paleustolls	
841	No	Calcic Anhyorthels	
842	No	Calcic Anhyturbels	
843	No	Calcic Aquisalids	
844	No	Calcic Argicryolls	
845	No	Calcic Argigypsids	
846	No	Calcic Argiudolls	
847	No	Calcic Argixerolls	
848	No	Calcic Cryaquolls	
849	Yes	Calcic Cryoborolls	
850	No	Calcic Duricryolls	
851	No	Calcic Gypsicryids	
852	Yes	Calcic Gypsiorthids	
853	No	Calcic Haplocryepts	
854	No	Calcic Haplocryolls	
855	No	Calcic Haplosalids	
856	No	Calcic Haplotorrands	
857	No	Calcic Haploxeralfs	
858	No	Calcic Haploxerands	
859	No	Calcic Haploxerepts	
860	No	Calcic Haploxerolls	
861	No	Calcic Hapludolls	
862	No	Calcic Haplustalfs	
863	No	Calcic Haplustands	
864	No	Calcic Haplustepts	
865	No	Calcic Haplusterts	
866	No	Calcic Lithic Petrocalcids	
867	No	Calcic Natrudolls	

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Seq	Obsolete?	Choice Value	Choice Description
868	No	Calcic Pachic Argicryolls	
869	No	Calcic Pachic Argixerolls	
870	Yes	Calcic Pachic Cryoborolls	
871	No	Calcic Pachic Haplocryolls	
872	No	Calcic Pachic Haploxerolls	
873	No	Calcic Paleargids	
874	No	Calcic Paleudolls	
875	No	Calcic Paleustolls	
876	No	Calcic Palexeralfs	
877	No	Calcic Petrocalcids	
878	No	Calcic Petrogypsids	
879	No	Calcic Rhodoxeralfs	
880	No	Calcic Udic Haplustalfs	
881	No	Calcic Udic Haplustepts	
882	Yes	Calcic Udic Ustochrepts	
883	No	Calcic Ustivitrands	
884	Yes	Calcic Ustochrepts	
885	No	Calcic Vitritorrands	
886	No	Calcidic Argiustolls	
887	No	Calcidic Haploxerolls	
888	No	Calcidic Haplustalfs	
889	No	Calcidic Paleustalfs	
890	No	Calcidic Paleustolls	
891	Yes	Calciorthidic Haploxerolls	
892	Yes	Calciorthidic Paleustalfs	
893	Yes	Calciorthidic Paleustolls	
894	Yes	Calciorthidic Ustochrepts	
895	Yes	Calcixerollic Xerochrepts	
896	Yes	Cambic Gypsiorthids	
897	No	Cambidic Durixerolls	
898	No	Cambidic Haplodurids	
899	No	Chromic Calcitorrerts	

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Seq	Obsolete?	Choice Value	Choice Description
900	No	Chromic Calciusterts	
901	No	Chromic Calcixererts	
902	No	Chromic Duraquerts	
903	No	Chromic Durixererts	
904	No	Chromic Dystraquerts	
905	No	Chromic Dystruderts	
906	No	Chromic Dystrusterts	
907	No	Chromic Endoaquerts	
908	No	Chromic Epiaquerts	
909	No	Chromic Gypsitorrerts	
910	No	Chromic Gypsiusterts	
911	No	Chromic Haplocryerts	
912	No	Chromic Haplotorrerts	
913	No	Chromic Haploxererts	
914	No	Chromic Hapluderts	
915	No	Chromic Haplusterts	
916	Yes	Chromic Pelloxererts	
917	No	Chromic Salaquerts	
918	No	Chromic Salitorrerts	
919	No	Chromic Salusterts	
920	No	Chromic Udic Haplusterts	
921	No	Chromic Vertic Albaqualfs	
922	No	Chromic Vertic Endoaqualfs	
923	No	Chromic Vertic Epiaqualfs	
924	No	Chromic Vertic Hapludalfs	
925	Yes	Chromudic	
926	Yes	Cryic Fragiorthods	
927	Yes	Cryic Lithic Rendolls	
928	Yes	Cryic Pachic Paleborolls	
929	Yes	Cryic Paleborolls	
930	Yes	Cryic Placohumods	
931	Yes	Cryic Rendolls	

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Seq	Obsolete?	Choice Value	Choice Description
932	Yes	Cryic Sphagnofibrists	
933	No	Cumulic Cryaquolls	
934	Yes	Cumulic Cryoborolls	
935	No	Cumulic Endoaquolls	
936	No	Cumulic Epiaquolls	
937	Yes	Cumulic Haplaquolls	
938	Yes	Cumulic Haploborolls	
939	No	Cumulic Haplocryolls	
940	No	Cumulic Haplogelolls	
941	No	Cumulic Haploxerolls	
942	No	Cumulic Hapludolls	
943	Yes	Cumulic Haplumbrepts	
944	No	Cumulic Haplustolls	
945	No	Cumulic Humaquepts	
946	No	Cumulic Molliturbels	
947	No	Cumulic Mollorthels	
948	Yes	Cumulic Udertic Haploborolls	
949	Yes	Cumulic Udic Haploborolls	
950	No	Cumulic Ultic Haploxerolls	
951	No	Cumulic Umbriturbels	
952	No	Cumulic Umbrorthels	
953	No	Cumulic Vertic Endoaquolls	
954	No	Cumulic Vertic Epiaquolls	
955	Yes	Cumulic Vertic Haploborolls	
956	Yes	Durargidic Argixerolls	
957	No	Duric Alaquods	
958	No	Duric Argiustolls	
959	No	Duric Argixerolls	
960	Yes	Duric Calciorthids	
961	Yes	Duric Camborthids	
962	No	Duric Cryaquods	
963	Yes	Duric Cryoborolls	

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Seq	Obsolete?	Choice Value	Choice Description
964	No	Duric Endoaquands	
965	No	Duric Endoaquolls	
966	No	Duric Epiaquands	
967	No	Duric Epiaquolls	
968	No	Duric Halaquepts	
969	Yes	Duric Haplaquolls	
970	Yes	Duric Haplargids	
971	No	Duric Haplocalcids	
972	Yes	Duric Haplorthods	
973	No	Duric Haplosalids	
974	No	Duric Haplotorrands	
975	No	Duric Haploxerolls	
976	No	Duric Hapludands	
977	No	Duric Haplustolls	
978	No	Duric Histic Placaquands	
979	Yes	Duric Natrargids	
980	No	Duric Natrixerolls	
981	No	Duric Natrustolls	
982	Yes	Duric Paleargids	
983	No	Duric Palexerolls	
984	No	Duric Petroargids	
985	No	Duric Petrocryids	
986	No	Duric Placaquands	
987	No	Duric Torriarents	
988	No	Duric Torrifluvents	
989	No	Duric Torriorthents	
990	Yes	Duric Torripsamments	
991	No	Duric Vitraquands	
992	No	Duric Vitritorrands	
993	No	Duric Xerarents	
994	No	Duric Xeric Haplocalcids	
995	No	Duric Xeric Petroargids	

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Seq	Obsolete?	Choice Value	Choice Description
996	No	Duric Xeric Petrocryids	
997	No	Duric Xeric Torrifluvents	
998	Yes	Duric Xeric Torriorthents	
999	Yes	Duric Xeric Torripsamments	
1000	No	Duridic Haploxerolls	
1001	Yes	Duridic Torrifluvents	
1002	Yes	Duridic Xeric Torrifluvents	
1003	Yes	Durinodic Albaqualfs	
1004	No	Durinodic Aquicambids	
1005	No	Durinodic Calciargids	
1006	No	Durinodic Gypsiargids	
1007	No	Durinodic Haplargids	
1008	No	Durinodic Haplocalcids	
1009	No	Durinodic Haplocambids	
1010	No	Durinodic Natrargids	
1011	No	Durinodic Paleargids	
1012	No	Durinodic Ustorthents	
1013	No	Durinodic Xeric Aquicambids	
1014	No	Durinodic Xeric Calciargids	
1015	No	Durinodic Xeric Haplargids	
1016	No	Durinodic Xeric Haplocalcids	
1017	No	Durinodic Xeric Haplocambids	
1018	No	Durinodic Xeric Natrargids	
1019	No	Durinodic Xeric Paleargids	
1020	No	Durinodic Xerofluvents	
1021	No	Durinodic Xeropsamments	
1022	No	Durinodic Xerorthents	
1023	Yes	Durixerollic Calciorthids	
1024	Yes	Durixerollic Camborthids	
1025	Yes	Durixerollic Haplargids	
1026	Yes	Durixerollic Lithic Camborthids	

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Seq	Obsolete?	Choice Value	Choice Description
1027	Yes	Durixerollic Natrargids	
1028	Yes	Durochreptic	
1029	Yes	Durorthidic Albaqualfs	
1030	Yes	Durorthidic Torrifluvents	
1031	Yes	Durorthidic Torriorthents	
1032	Yes	Durorthidic Torripsamments	
1033	Yes	Durorthidic Ustorthents	
1034	Yes	Durorthidic Xeric Torrifluvents	
1035	Yes	Durorthidic Xeric Torriorthents	
1036	Yes	Durorthidic Xeric Torripsamments	
1037	Yes	Durorthidic Xerofluvents	
1038	Yes	Durorthidic Xeropsamments	
1039	Yes	Durorthidic Xerorthents	
1040	Yes	Dystric Cryandepts	
1041	Yes	Dystric Cryochrepts	
1042	Yes	Dystric Cryumbrepts	
1043	Yes	Dystric Durochrepts	
1044	Yes	Dystric Entic Durochrepts	
1045	Yes	Dystric Eutrochrepts	
1046	No	Dystric Eutrudepts	
1047	Yes	Dystric Fluventic Eutrochrepts	
1048	No	Dystric Fluventic Eutrudepts	
1049	Yes	Dystric Fluventic Xerochrepts	
1050	No	Dystric Haplustands	
1051	No	Dystric Haplustepts	
1052	Yes	Dystric Lithic Cryandepts	
1053	Yes	Dystric Lithic Xerochrepts	
1054	Yes	Dystric Ustochrepts	
1055	No	Dystric Vitric Haplustands	
1056	Yes	Dystric Xerochrepts	

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Seq	Obsolete?	Choice Value	Choice Description
1057	No	Dystric Xeropsamments	
1058	No	Dystric Xerorthents	
1059	Yes	Dystropeptic	
1060	No	Entic Alorthods	
1061	No	Entic Calcitorrerts	
1062	No	Entic Calciusterts	
1063	No	Entic Calcixererts	
1064	Yes	Entic Chromoxererts	
1065	Yes	Entic Chromuderts	
1066	Yes	Entic Chromusterts	
1067	Yes	Entic Cryandepts	
1068	No	Entic Cryaquods	
1069	Yes	Entic Cryorthods	
1070	Yes	Entic Cryumbrepts	
1071	No	Entic Durixerepts	
1072	Yes	Entic Durixerolls	
1073	Yes	Entic Durochrepts	
1074	Yes	Entic Durorthids	
1075	No	Entic Durustolls	
1076	Yes	Entic Dystrandepts	
1077	No	Entic Dystraquerts	
1078	No	Entic Dystruderts	
1079	No	Entic Dystrusterts	
1080	No	Entic Endoaquerts	
1081	No	Entic Epiaquerts	
1082	Yes	Entic Eutrandepts	
1083	No	Entic Fragiorthods	
1084	No	Entic Grossarenic Alorthods	
1085	No	Entic Gypsiusterts	
1086	Yes	Entic Haplaquepts	
1087	Yes	Entic Haplaquods	
1088	Yes	Entic Haploborolls	

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Seq	Obsolete?	Choice Value	Choice Description
1089	No	Entic Haplocryods	
1090	Yes	Entic Haplohumods	
1091	No	Entic Haplorthods	
1092	No	Entic Haplotorrerts	
1093	No	Entic Haploxererts	
1094	No	Entic Haploxerolls	
1095	No	Entic Hapluderts	
1096	No	Entic Hapludolls	
1097	Yes	Entic Haplumbrepts	
1098	No	Entic Haplusterts	
1099	No	Entic Haplustolls	
1100	No	Entic Haprendolls	
1101	No	Entic Lithic Haplorthods	
1102	No	Entic Paleustolls	
1103	Yes	Entic Pelloxererts	
1104	Yes	Entic Pelluderts	
1105	Yes	Entic Pellusterts	
1106	Yes	Entic Rendolls	
1107	No	Entic Salaquerts	
1108	No	Entic Salitorrerts	
1109	No	Entic Salusterts	
1110	Yes	Entic Sideraquods	
1111	No	Entic Udic Haplusterts	
1112	No	Entic Ultic Haploxerolls	
1113	Yes	Entic Vermudolls	
1114	No	Entic Vermustolls	
1115	Yes	Entic Xerumbrepts	
1116	Yes	Epiaquic	
1117	Yes	Epiaquic Haplustults	
1118	Yes	Epiaquic Orthoxic	
1119	No	Eutric Acrudox	
1120	No	Eutric Acrustox	

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Seq	Obsolete?	Choice Value	Choice Description
1121	No	Eutric Duricryands	
1122	No	Eutric Durudands	
1123	No	Eutric Dystrocryepts	
1124	No	Eutric Fulvicryands	
1125	No	Eutric Fulvudands	
1126	Yes	Eutric Glossoboralfs	
1127	No	Eutric Glossocryalfs	
1128	No	Eutric Haplocryalfs	
1129	No	Eutric Hapludands	
1130	No	Eutric Humicryepts	
1131	Yes	Eutric Hydric Melanudands	
1132	No	Eutric Hydrudands	
1133	No	Eutric Lithic Fulvudands	
1134	No	Eutric Melanudands	
1135	No	Eutric Oxyaquic Duricryands	
1136	No	Eutric Pachic Fulvicryands	
1137	No	Eutric Pachic Fulvudands	
1138	Yes	Eutric Placudands	
1139	No	Eutric Thaptic Hapludands	
1140	Yes	Eutric Vitric Melanudands	
1141	Yes	Eutric Vitric Placudands	
1142	Yes	Eutrochreptic Rendolls	
1143	Yes	Eutropeptic Rendolls	
1144	Yes	Ferrudalfic Umbraqualfs	
1145	Yes	Fibric Borohemists	
1146	Yes	Fibric Borosaprists	
1147	No	Fibric Haplohemists	
1148	Yes	Fibric Medihemists	
1149	Yes	Fibric Medisaprists	
1150	Yes	Fibric Terric Borohemists	
1151	Yes	Fibric Terric Borosaprists	
1152	Yes	Fibric Terric Medihemists	

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Seq	Obsolete?	Choice Value	Choice Description
1153	Yes	Fibric Terric Medisaprists	
1154	Yes	Fibric Terric Tropohemists	
1155	Yes	Fibric Terric Troposaprists	
1156	Yes	Fibric Tropohemists	
1157	Yes	Fibric Troposaprists	
1158	No	Fluvaquentic Aquorthels	
1159	Yes	Fluvaquentic Borofibrists	
1160	Yes	Fluvaquentic Borohemists	
1161	Yes	Fluvaquentic Borosaprists	
1162	No	Fluvaquentic Cryaquepts	
1163	Yes	Fluvaquentic Cryoborolls	
1164	No	Fluvaquentic Cryofibrists	
1165	No	Fluvaquentic Cryohemists	
1166	No	Fluvaquentic Cryosaprists	
1167	Yes	Fluvaquentic Dystrochrepts	
1168	No	Fluvaquentic Dystrocryepts	
1169	No	Fluvaquentic Dystroxerepts	
1170	No	Fluvaquentic Dystrudepts	
1171	No	Fluvaquentic Endoaquepts	
1172	No	Fluvaquentic Endoaquolls	
1173	No	Fluvaquentic Epiaquepts	
1174	No	Fluvaquentic Epiaquolls	
1175	Yes	Fluvaquentic Eutrochrepts	
1176	Yes	Fluvaquentic Eutropepts	
1177	No	Fluvaquentic Eutrudepts	
1178	No	Fluvaquentic Fibristels	
1179	No	Fluvaquentic Gelaquepts	
1180	Yes	Fluvaquentic Haplaquepts	
1181	Yes	Fluvaquentic Haplaquolls	
1182	Yes	Fluvaquentic Haploborolls	
1183	No	Fluvaquentic Haplocryepts	
1184	No	Fluvaquentic Haplocryolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1185	No	Fluvaquentic Haplofibrists	
1186	No	Fluvaquentic Haplohemists	
1187	No	Fluvaquentic Haplorthels	
1188	No	Fluvaquentic Haplosaprists	
1189	No	Fluvaquentic Haploxerolls	
1190	No	Fluvaquentic Hapludolls	
1191	No	Fluvaquentic Haplustolls	
1192	No	Fluvaquentic Hemistels	
1193	No	Fluvaquentic Historthels	
1194	No	Fluvaquentic Humaquepts	
1195	No	Fluvaquentic Humicryepts	
1196	Yes	Fluvaquentic Medifibrists	
1197	Yes	Fluvaquentic Medihemists	
1198	Yes	Fluvaquentic Medisaprists	
1199	No	Fluvaquentic Sapristels	
1200	No	Fluvaquentic Sphagnofibrists	
1201	Yes	Fluvaquentic Tropofibrists	
1202	Yes	Fluvaquentic Tropohemists	
1203	Yes	Fluvaquentic Troposaprists	
1204	No	Fluvaquentic Vertic Endoaquolls	
1205	No	Fluvaquentic Vertic Epiaquolls	
1206	Yes	Fluvaquentic Xerochrepts	
1207	No	Fluventic Aquicambids	
1208	No	Fluventic Calciudolls	
1209	Yes	Fluventic Camborthids	
1210	Yes	Fluventic Cryoborolls	
1211	Yes	Fluventic Dystrochrepts	
1212	No	Fluventic Dystrocryepts	
1213	Yes	Fluventic Dystropepts	
1214	No	Fluventic Dystroxerepts	
1215	No	Fluventic Dystrudepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1216	No	Fluventic Dystrustepts	
1217	No	Fluventic Endoaquepts	
1218	Yes	Fluventic Eutrochrepts	
1219	Yes	Fluventic Eutropepts	
1220	No	Fluventic Eutrudepts	
1221	Yes	Fluventic Haplaquolls	
1222	Yes	Fluventic Haploborolls	
1223	No	Fluventic Haplocambids	
1224	No	Fluventic Haplocryepts	
1225	No	Fluventic Haplocryolls	
1226	No	Fluventic Haplorthels	
1227	No	Fluventic Haploxerepts	
1228	No	Fluventic Haploxerolls	
1229	No	Fluventic Hapludolls	
1230	Yes	Fluventic Haplumbrepts	
1231	No	Fluventic Haplustepts	
1232	No	Fluventic Haplustolls	
1233	No	Fluventic Historthels	
1234	No	Fluventic Humic Dystroxerepts	
1235	No	Fluventic Humic Dystrudepts	
1236	No	Fluventic Humicryepts	
1237	Yes	Fluventic Humitropepts	
1238	Yes	Fluventic Medihemists	
1239	Yes	Fluventic Umbric Dystrochrepts	
1240	Yes	Fluventic Ustochrepts	
1241	Yes	Fluventic Ustropepts	
1242	Yes	Fluventic Xerochrepts	
1243	Yes	Fluventic Xerumbrepts	
1244	Yes	Fragiaquic Dystrochrepts	
1245	No	Fragiaquic Dystroxerepts	
1246	No	Fragiaquic Dystrudepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1247	Yes	Fragiaquic Eutroboralfs	
1248	Yes	Fragiaquic Eutrochrepts	
1249	No	Fragiaquic Eutrudepts	
1250	Yes	Fragiaquic Glossoboralfs	
1251	No	Fragiaquic Glossudalfs	
1252	No	Fragiaquic Haplorthods	
1253	No	Fragiaquic Haploxeralfs	
1254	No	Fragiaquic Hapludalfs	
1255	No	Fragiaquic Hapludults	
1256	No	Fragiaquic Kanhapludults	
1257	No	Fragiaquic Paleudalfs	
1258	No	Fragiaquic Paleudults	
1259	No	Fragiaquic Palexeralfs	
1260	Yes	Fragiaquic Xerochrepts	
1261	Yes	Fragic Dystrochrepts	
1262	No	Fragic Dystroxerepts	
1263	No	Fragic Dystrudepts	
1264	No	Fragic Endoaqualfs	
1265	No	Fragic Endoaquepts	
1266	No	Fragic Epiaqualfs	
1267	No	Fragic Epiaquepts	
1268	No	Fragic Epiaquults	
1269	Yes	Fragic Eutroboralfs	
1270	Yes	Fragic Eutrochrepts	
1271	No	Fragic Eutrudepts	
1272	No	Fragic Glossaqualfs	
1273	Yes	Fragic Glossoboralfs	
1274	No	Fragic Glossocryalfs	
1275	No	Fragic Glossudalfs	
1276	No	Fragic Haplorthods	
1277	No	Fragic Haploxeralfs	
1278	No	Fragic Haploxerepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1279	No	Fragic Hapludalfs	
1280	No	Fragic Hapludults	
1281	No	Fragic Kanhapludults	
1282	No	Fragic Oxyaquic Hapludalfs	
1283	No	Fragic Paleudalfs	
1284	No	Fragic Paleudults	
1285	No	Fragic Palexeralfs	
1286	Yes	Fragic Xerochrepts	
1287	No	Glacic Anhyorthels	
1288	No	Glacic Anhyturbels	
1289	No	Glacic Aquiturbels	
1290	No	Glacic Aquorthels	
1291	No	Glacic Argiorthels	
1292	No	Glacic Folistels	
1293	No	Glacic Haplorthels	
1294	No	Glacic Haploturbels	
1295	No	Glacic Historthels	
1296	No	Glacic Histoturbels	
1297	No	Glacic Molliturbels	
1298	No	Glacic Mollorthels	
1299	No	Glacic Psammorthels	
1300	No	Glacic Psammoturbels	
1301	No	Glacic Umbriturbels	
1302	No	Glacic Umbrorthels	
1303	Yes	Glossaquic Eutroboralfs	
1304	Yes	Glossaquic Fragiudalfs	
1305	No	Glossaquic Fragiudults	
1306	No	Glossaquic Hapludalfs	
1307	No	Glossaquic Natrudalfs	
1308	No	Glossaquic Paleudalfs	
1309	Yes	Glossic Cryoboralfs	
1310	Yes	Glossic Eutroboralfs	

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Seq	Obsolete?	Choice Value	Choice Description
1311	Yes	Glossic Fragiudalfs	
1312	No	Glossic Fragiudults	
1313	No	Glossic Hapludalfs	
1314	No	Glossic Natraqualfs	
1315	No	Glossic Natraquolls	
1316	No	Glossic Natrargids	
1317	Yes	Glossic Natriborolls	
1318	Yes	Glossic Natrudalfs	
1319	No	Glossic Natrudolls	
1320	No	Glossic Natrustolls	
1321	Yes	Glossic Oxyaquic Eutroboralfs	
1322	No	Glossic Paleudalfs	
1323	Yes	Glossic Udic Natriborolls	
1324	No	Glossic Ustic Natrargids	
1325	Yes	Glossic Ustollic Natrargids	
1326	No	Glossic Vertic Natrudolls	
1327	No	Glossic Vertic Natrustolls	
1328	Yes	Glossoboralfic	
1329	Yes	Glossoboric Hapludalfs	
1330	No	Grossarenic Alaquods	
1331	No	Grossarenic Alorthods	
1332	No	Grossarenic Argiaquolls	
1333	No	Grossarenic Endoaqualfs	
1334	No	Grossarenic Endoaquults	
1335	Yes	Grossarenic Entic Alorthods	
1336	Yes	Grossarenic Entic Haplohumods	
1337	No	Grossarenic Epiaqualfs	
1338	No	Grossarenic Epiaquults	
1339	Yes	Grossarenic Glossaqualfs	
1340	Yes	Grossarenic Haplaquods	
1341	Yes	Grossarenic Haplohumods	

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Seq	Obsolete?	Choice Value	Choice Description
1342	No	Grossarenic Haploxerults	
1343	No	Grossarenic Hapludults	
1344	No	Grossarenic Kandiaqualfs	
1345	No	Grossarenic Kandiaquults	
1346	No	Grossarenic Kandiudalfs	
1347	No	Grossarenic Kandiudults	
1348	No	Grossarenic Kandiustalfs	
1349	Yes	Grossarenic Natrustalfs	
1350	Yes	Grossarenic Ochraqualfs	
1351	No	Grossarenic Paleaquults	
1352	No	Grossarenic Paleudalfs	
1353	No	Grossarenic Paleudults	
1354	No	Grossarenic Paleustalfs	
1355	No	Grossarenic Plinthic Kandiudalfs	
1356	No	Grossarenic Plinthic Kandiudults	
1357	No	Grossarenic Plinthic Paleudalfs	
1358	No	Grossarenic Plinthic Paleudults	
1359	Yes	Grossarenic Umbraqualfs	
1360	No	Gypsic Anhyorthels	
1361	No	Gypsic Anhyturbels	
1362	No	Gypsic Aquisalids	
1363	No	Gypsic Calciustepts	
1364	No	Gypsic Calciustolls	
1365	No	Gypsic Haplosalids	
1366	No	Gypsic Haploxerepts	
1367	No	Gypsic Haplustepts	
1368	No	Gypsic Haplusterts	
1369	Yes	Gypsic Ustochrepts	
1370	Yes	Gypsic Xerochrepts	
1371	No	Halic Calciusterts	

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Seq	Obsolete?	Choice Value	Choice Description
1372	No	Halic Durixererts	
1373	No	Halic Endoaquerts	
1374	No	Halic Epiaquerts	
1375	No	Halic Gypsiusterts	
1376	No	Halic Haplosaprists	
1377	No	Halic Haplotorrerts	
1378	No	Halic Haploxererts	
1379	No	Halic Haplusterts	
1380	No	Halic Terric Haplosaprists	
1381	Yes	Haplaquic	
1382	Yes	Haplaquodic	
1383	Yes	Haplaquodic Humaquepts	
1384	Yes	Haplaquodic Quartzipsamments	
1385	No	Haplargidic Natrustalfs	
1386	Yes	Haplic Acrorthox	
1387	Yes	Haplic Andaquepts	
1388	Yes	Haplic Cryohumods	
1389	Yes	Haplic Durargids	
1390	No	Haplic Durixeralfs	
1391	No	Haplic Durixererts	
1392	No	Haplic Durixerolls	
1393	No	Haplic Durustolls	
1394	No	Haplic Glossudalfs	
1395	No	Haplic Haploxerollic Durixerolls	
1396	Yes	Haplic Nadurargids	
1397	No	Haplic Natrargids	
1398	No	Haplic Palexeralfs	
1399	No	Haplic Palexerollic Durixerolls	
1400	No	Haplic Palexerolls	
1401	Yes	Haplic Placaquepts	
1402	No	Haplic Plinthustults	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1403	No	Haplic Sulfaquents	
1404	No	Haplic Torriarents	
1405	No	Haplic Udarents	
1406	No	Haplic Ustarents	
1407	No	Haplic Ustic Natrargids	
1408	Yes	Haplic Vermiborolls	
1409	No	Haplic Vermudolls	
1410	Yes	Haplic Vermustolls	
1411	No	Haplic Xerarents	
1412	No	Haplocalcidic Haplustepts	
1413	Yes	Haplocalcidic Ustochrepts	
1414	No	Haploduridic Durixerolls	
1415	No	Haploduridic Durustolls	
1416	Yes	Haploduridic Torriorthents	
1417	No	Haploduridic Torripsamments	
1418	Yes	Haploduridic Xeric Torriorthents	
1419	Yes	Haploduridic Xeric Torripsamments	
1420	No	Haploxeralfic Argidurids	
1421	No	Haploxeralfic Natrargids	
1422	No	Haploxerandic Dystrocryepts	
1423	No	Haploxerandic Haplocryepts	
1424	No	Haploxerandic Humicryepts	
1425	Yes	Haploxerollic Durargids	
1426	No	Haploxerollic Durixerolls	
1427	Yes	Haploxerollic Durorthids	
1428	Yes	Haploxerollic Nadurargids	
1429	Yes	Haploxerollic Natrargids	
1430	Yes	Hapludic Vermiborolls	
1431	Yes	Hapludollic	
1432	Yes	Hapludollic Arents	
1433	No	Haplustandic Haplocryepts	

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Seq	Obsolete?	Choice Value	Choice Description
1434	Yes	Haplustollic Durorthids	
1435	Yes	Haplustollic Natrargids	
1436	Yes	Hemic Borofibrists	
1437	Yes	Hemic Borosaprists	
1438	No	Hemic Glacistels	
1439	No	Hemic Haplofibrists	
1440	No	Hemic Haplosaprists	
1441	Yes	Hemic Medifibrists	
1442	Yes	Hemic Medisaprists	
1443	No	Hemic Sphagnofibrists	
1444	Yes	Hemic Terric Borofibrists	
1445	Yes	Hemic Terric Borosaprists	
1446	Yes	Hemic Terric Medifibrists	
1447	Yes	Hemic Terric Medisaprists	
1448	Yes	Hemic Terric Tropofibrists	
1449	Yes	Hemic Terric Troposaprists	
1450	Yes	Hemic Tropofibrists	
1451	Yes	Hemic Troposaprists	
1452	No	Histic Alaquods	
1453	Yes	Histic Andaquepts	
1454	No	Histic Cryaquands	
1455	No	Histic Cryaquepts	
1456	No	Histic Cryaquolls	
1457	No	Histic Duraquands	
1458	No	Histic Duraquods	
1459	No	Histic Endoaquands	
1460	No	Histic Endoaquods	
1461	No	Histic Endoaquolls	
1462	No	Histic Epiaquands	
1463	No	Histic Epiaquods	
1464	No	Histic Epiaquolls	
1465	No	Histic Eutraquox	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1466	Yes	Histic Fluvaquents	
1467	No	Histic Fragiaquods	
1468	No	Histic Gelaquands	
1469	No	Histic Gelaquepts	
1470	No	Histic Glossaqualfs	
1471	Yes	Histic Haplaquods	
1472	Yes	Histic Haplaquolls	
1473	No	Histic Haplaquox	
1474	No	Histic Humaquepts	
1475	No	Histic Lithic Cryaquepts	
1476	Yes	Histic Pergelic Cryaquepts	
1477	No	Histic Placaquands	
1478	Yes	Histic Placaquepts	
1479	No	Histic Placic Petraquepts	
1480	No	Histic Sulfaquents	
1481	Yes	Histic Tropaquepts	
1482	Yes	Histic Tropaquods	
1483	No	Histic Vitraquands	
1484	No	Humaqueptic Endoaquents	
1485	No	Humaqueptic Epiaquents	
1486	No	Humaqueptic Fluvaquents	
1487	No	Humaqueptic Psammaquents	
1488	No	Humic Acroperox	
1489	No	Humic Acrudox	
1490	No	Humic Acrustox	
1491	No	Humic Cryaquepts	
1492	Yes	Humic Cryorthods	
1493	No	Humic Duricryods	
1494	No	Humic Durustands	
1495	Yes	Humic Dystrocryepts	
1496	No	Humic Dystrogelepts	
1497	No	Humic Dystroxerepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1498	No	Humic Dystrudepts	
1499	No	Humic Dystrustepts	
1500	No	Humic Endoaquepts	
1501	No	Humic Epiaquepts	
1502	No	Humic Eutraquox	
1503	Yes	Humic Eutrocryepts	
1504	No	Humic Eutrogelepts	
1505	No	Humic Eutroperox	
1506	No	Humic Eutrudepts	
1507	No	Humic Eutrudox	
1508	No	Humic Eutrustox	
1509	No	Humic Fragiaqualfs	
1510	No	Humic Fragiaquepts	
1511	Yes	Humic Fragiorthods	
1512	No	Humic Fragiudepts	
1513	No	Humic Fragiudults	
1514	No	Humic Fragixerepts	
1515	No	Humic Gelaquepts	
1516	Yes	Humic Haplaquepts	
1517	No	Humic Haplaquox	
1518	No	Humic Haploperox	
1519	Yes	Humic Haplorthods	
1520	No	Humic Haploxerands	
1521	No	Humic Haploxerepts	
1522	No	Humic Hapludox	
1523	No	Humic Hapludults	
1524	No	Humic Haplustands	
1525	No	Humic Haplustox	
1526	No	Humic Inceptic Eutroperox	
1527	No	Humic Inceptic Eutrudox	
1528	No	Humic Inceptic Eutrustox	
1529	No	Humic Kandiperox	

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Domain Name: **taxonomic_subgroup**

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Seq	Obsolete?	Choice Value	Choice Description
1530	No	Humic Kandiudox	
1531	No	Humic Kandiustox	
1532	Yes	Humic Lithic	
1533	Yes	Humic Lithic Cryorthods	
1534	Yes	Humic Lithic Dystrocryepts	
1535	No	Humic Lithic Dystroxerepts	
1536	No	Humic Lithic Dystrudepts	
1537	Yes	Humic Lithic Eutrocryepts	
1538	No	Humic Lithic Eutrudepts	
1539	No	Humic Lithic Haploxerepts	
1540	No	Humic Pachic Dystrudepts	
1541	Yes	Humic Pergelic Cryaquepts	
1542	No	Humic Placocryods	
1543	No	Humic Psammentic Dystrudepts	
1544	Yes	Humic Rhodic	
1545	No	Humic Rhodic Acroperox	
1546	No	Humic Rhodic Acrudox	
1547	No	Humic Rhodic Acrustox	
1548	No	Humic Rhodic Eutroperox	
1549	No	Humic Rhodic Eutrudox	
1550	No	Humic Rhodic Eutrustox	
1551	No	Humic Rhodic Haploperox	
1552	No	Humic Rhodic Hapludox	
1553	No	Humic Rhodic Haplustox	
1554	No	Humic Rhodic Kandiperox	
1555	No	Humic Rhodic Kandiudox	
1556	No	Humic Rhodic Kandiustox	
1557	No	Humic Sombriperox	
1558	No	Humic Sombriudox	
1559	No	Humic Sombriustox	
1560	No	Humic Udivitrands	
1561	No	Humic Ustivitrands	

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Domain Name: **taxonomic_subgroup**

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Seq	Obsolete?	Choice Value	Choice Description
1562	No	Humic Vitricryands	
1563	No	Humic Vitrigelands	
1564	No	Humic Vitrixerands	
1565	No	Humic Xanthic Acroperox	
1566	No	Humic Xanthic Acrudox	
1567	No	Humic Xanthic Acrustox	
1568	No	Humic Xanthic Eutroperox	
1569	No	Humic Xanthic Eutrudox	
1570	No	Humic Xanthic Eutrustox	
1571	No	Humic Xanthic Haploperox	
1572	No	Humic Xanthic Hapludox	
1573	No	Humic Xanthic Haplustox	
1574	No	Humic Xanthic Kandiperox	
1575	No	Humic Xanthic Kandiudox	
1576	No	Humic Xanthic Kandiustox	
1577	No	Humic Xeric Vitricryands	
1578	Yes	Humoxic	
1579	Yes	Humoxic Tropohumults	
1580	No	Hydraquentic Humaquepts	
1581	No	Hydraquentic Sulfaquepts	
1582	Yes	Hydric Borofibrists	
1583	Yes	Hydric Borohemists	
1584	No	Hydric Cryofibrists	
1585	No	Hydric Cryohemists	
1586	No	Hydric Durudands	
1587	Yes	Hydric Dystrandepts	
1588	No	Hydric Endoaquands	
1589	No	Hydric Epiaquands	
1590	No	Hydric Fulvudands	
1591	No	Hydric Haplofibrists	
1592	No	Hydric Haplohemists	
1593	No	Hydric Hapludands	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1594	Yes	Hydric Lithic Dystrandepts	
1595	Yes	Hydric Lithic Fulvudands	
1596	Yes	Hydric Medifibrists	
1597	Yes	Hydric Medihemists	
1598	No	Hydric Melanaquands	
1599	No	Hydric Melanudands	
1600	Yes	Hydric Pachic Durudands	
1601	Yes	Hydric Pachic Fulvudands	
1602	No	Hydric Pachic Melanaquands	
1603	No	Hydric Pachic Melanudands	
1604	No	Hydric Pachic Placudands	
1605	No	Hydric Placudands	
1606	No	Hydric Sphagnofibrists	
1607	Yes	Hydric Thaptic Fulvudands	
1608	No	Hydric Thaptic Hapludands	
1609	Yes	Hydric Tropofibrists	
1610	Yes	Hydric Tropohemists	
1611	No	Inceptic Eutroperox	
1612	No	Inceptic Eutrudox	
1613	No	Inceptic Eutrustox	
1614	No	Inceptic Fragixeralfs	
1615	No	Inceptic Haplocryalfs	
1616	No	Inceptic Haploxeralfs	
1617	No	Inceptic Hapludalfs	
1618	No	Inceptic Hapludox	
1619	No	Inceptic Hapludults	
1620	No	Inceptic Haplustalfs	
1621	No	Inceptic Haplustox	
1622	No	Inceptic Haprendolls	
1623	No	Inceptic Rhodoxeralfs	
1624	No	Kandic Albaquults	
1625	No	Kandic Paleustalfs	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1626	No	Kandic Plinthaquults	
1627	Yes	Kandic Plinthustalfs	
1628	No	Kandiudalfic Eutroperox	
1629	No	Kandiudalfic Eutrudox	
1630	No	Kandiustalfic Eutrustox	
1631	No	Kanhaplic Haplustalfs	
1632	No	Kanhaplic Haplustults	
1633	No	Kanhaplic Rhodustalfs	
1634	No	Lamellic Argiudolls	
1635	Yes	Lamellic Cryoboralfs	
1636	Yes	Lamellic Cryochrepts	
1637	No	Lamellic Cryopsamments	
1638	No	Lamellic Cryorthents	
1639	Yes	Lamellic Dystrochrepts	
1640	No	Lamellic Dystrocryepts	
1641	No	Lamellic Dystrudepts	
1642	Yes	Lamellic Eutroboralfs	
1643	Yes	Lamellic Eutrochrepts	
1644	Yes	Lamellic Eutrocryepts	
1645	No	Lamellic Eutrudepts	
1646	Yes	Lamellic Glossoboralfs	
1647	No	Lamellic Haplocryalfs	
1648	No	Lamellic Haplocryepts	
1649	No	Lamellic Haplorthods	
1650	No	Lamellic Haploxeralfs	
1651	No	Lamellic Haploxerepts	
1652	No	Lamellic Haploxerults	
1653	No	Lamellic Hapludalfs	
1654	No	Lamellic Hapludults	
1655	No	Lamellic Haplustalfs	
1656	No	Lamellic Haplustepts	
1657	No	Lamellic Humicryepts	

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Seq	Obsolete?	Choice Value	Choice Description
1658	Yes	Lamellic Oxyaquic Eutroboralfs	
1659	No	Lamellic Oxyaquic Haplorthods	
1660	No	Lamellic Paleudalfs	
1661	No	Lamellic Paleudults	
1662	No	Lamellic Paleustalfs	
1663	No	Lamellic Palexeralfs	
1664	No	Lamellic Quartzipsamments	
1665	No	Lamellic Udipsamments	
1666	No	Lamellic Ustic Quartzipsamments	
1667	No	Lamellic Ustipsamments	
1668	Yes	Lamellic Ustochrepts	
1669	Yes	Lamellic Xerochrepts	
1670	No	Lamellic Xeropsamments	
1671	No	Leptic Calcitorrerts	
1672	No	Leptic Calciusterts	
1673	No	Leptic Calcixererts	
1674	No	Leptic Dystraquerts	
1675	No	Leptic Dystruderts	
1676	No	Leptic Dystrusterts	
1677	No	Leptic Endoaquerts	
1678	No	Leptic Epiaquerts	
1679	No	Leptic Gypsiusterts	
1680	No	Leptic Haplogypsids	
1681	No	Leptic Haplotorrerts	
1682	No	Leptic Haploxererts	
1683	No	Leptic Hapluderts	
1684	No	Leptic Haplusterts	
1685	No	Leptic Natralbolls	
1686	Yes	Leptic Natriborolls	
1687	No	Leptic Natrudolls	

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Seq	Obsolete?	Choice Value	Choice Description
1688	No	Leptic Natrustalfs	
1689	No	Leptic Natrustolls	
1690	No	Leptic Salaquerts	
1691	No	Leptic Salitorrerts	
1692	No	Leptic Salusterts	
1693	No	Leptic Torrertic Natrustalfs	
1694	No	Leptic Torrertic Natrustolls	
1695	No	Leptic Udic Haplusterts	
1696	Yes	Leptic Vertic Natriborolls	
1697	No	Leptic Vertic Natrudolls	
1698	No	Leptic Vertic Natrustolls	
1699	Yes	Limnic Borofibrists	
1700	Yes	Limnic Borohemists	
1701	Yes	Limnic Borosaprists	
1702	No	Limnic Cryosaprists	
1703	No	Limnic Haplofibrists	
1704	No	Limnic Haplohemists	
1705	No	Limnic Haplosaprists	
1706	Yes	Limnic Medifibrists	
1707	Yes	Limnic Medihemists	
1708	Yes	Limnic Medisaprists	
1709	No	Limnic Sphagnofibrists	
1710	Yes	Limnic Tropofibrists	
1711	Yes	Limnic Tropohemists	
1712	Yes	Limnic Troposaprists	
1713	No	Lithic Acroperox	
1714	No	Lithic Acrotorrox	
1715	No	Lithic Acrudox	
1716	No	Lithic Acrustox	
1717	No	Lithic Alaquods	
1718	No	Lithic Anhyorthels	
1719	No	Lithic Anhyturbels	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
1720	No	Lithic Aquiturbels	
1721	No	Lithic Aquorthels	
1722	Yes	Lithic Argiborolls	
1723	No	Lithic Argicryids	
1724	No	Lithic Argicryolls	
1725	No	Lithic Argigypsids	
1726	No	Lithic Argiorthels	
1727	No	Lithic Argiudolls	
1728	No	Lithic Argiustolls	
1729	No	Lithic Argixerolls	
1730	Yes	Lithic Borofibrists	
1731	Yes	Lithic Borofolists	
1732	Yes	Lithic Borohemists	
1733	Yes	Lithic Borosaprists	
1734	No	Lithic Calciargids	
1735	Yes	Lithic Calciborolls	
1736	No	Lithic Calcicryepts	
1737	No	Lithic Calcicryids	
1738	No	Lithic Calcicryolls	
1739	No	Lithic Calcigypsids	
1740	Yes	Lithic Calciorthids	
1741	No	Lithic Calciudolls	
1742	No	Lithic Calciustepts	
1743	No	Lithic Calciusterts	
1744	No	Lithic Calciustolls	
1745	No	Lithic Calcixerepts	
1746	No	Lithic Calcixererts	
1747	No	Lithic Calcixerolls	
1748	Yes	Lithic Camborthids	
1749	Yes	Lithic Cryandepts	
1750	No	Lithic Cryaquands	
1751	No	Lithic Cryaquepts	

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Seq	Obsolete?	Choice Value	Choice Description
1752	No	Lithic Cryaquods	
1753	Yes	Lithic Cryoboralfs	
1754	Yes	Lithic Cryoborolls	
1755	Yes	Lithic Cryochrepts	
1756	No	Lithic Cryofibrists	
1757	No	Lithic Cryofolists	
1758	No	Lithic Cryohemists	
1759	Yes	Lithic Cryohumods	
1760	No	Lithic Cryopsamments	
1761	No	Lithic Cryorthents	
1762	Yes	Lithic Cryorthods	
1763	No	Lithic Cryosaprists	
1764	No	Lithic Cryrendolls	
1765	Yes	Lithic Cryumbrepts	
1766	Yes	Lithic Dystrandepts	
1767	Yes	Lithic Dystrochrepts	
1768	No	Lithic Dystrocryepts	
1769	No	Lithic Dystrogelepts	
1770	Yes	Lithic Dystropepts	
1771	No	Lithic Dystroxerepts	
1772	No	Lithic Dystrudepts	
1773	No	Lithic Dystrustepts	
1774	No	Lithic Dystrusterts	
1775	No	Lithic Endoaquands	
1776	No	Lithic Endoaquents	
1777	No	Lithic Endoaquepts	
1778	No	Lithic Endoaquods	
1779	No	Lithic Endoaquolls	
1780	No	Lithic Epiaquods	
1781	Yes	Lithic Eutrandepts	
1782	Yes	Lithic Eutroboralfs	
1783	Yes	Lithic Eutrochrepts	

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Seq	Obsolete?	Choice Value	Choice Description
1784	Yes	Lithic Eutrocryepts	
1785	No	Lithic Eutrogelepts	
1786	Yes	Lithic Eutropepts	
1787	No	Lithic Eutroperox	
1788	No	Lithic Eutrotorrox	
1789	No	Lithic Eutrudepts	
1790	No	Lithic Eutrudox	
1791	No	Lithic Eutrustox	
1792	No	Lithic Fibristels	
1793	No	Lithic Folistels	
1794	No	Lithic Fulvicryands	
1795	No	Lithic Fulvudands	
1796	No	Lithic Gelaquepts	
1797	Yes	Lithic Glossoboralfs	
1798	No	Lithic Glossocryalfs	
1799	No	Lithic Gypsiusterts	
1800	Yes	Lithic Haplaquepts	
1801	Yes	Lithic Haplaquolls	
1802	No	Lithic Haplargids	
1803	Yes	Lithic Haploborolls	
1804	No	Lithic Haplocalcids	
1805	No	Lithic Haplocambids	
1806	No	Lithic Haplocryalfs	
1807	No	Lithic Haplocryands	
1808	No	Lithic Haplocryepts	
1809	No	Lithic Haplocryids	
1810	No	Lithic Haplocryods	
1811	No	Lithic Haplocryolls	
1812	No	Lithic Haplofibrists	
1813	No	Lithic Haplogelods	
1814	No	Lithic Haplogelolls	
1815	No	Lithic Haplogypsids	

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Seq	Obsolete?	Choice Value	Choice Description
1816	No	Lithic Haplohemists	
1817	No	Lithic Haplohumods	
1818	No	Lithic Haplohumults	
1819	No	Lithic Haploperox	
1820	No	Lithic Haplorthels	
1821	No	Lithic Haplorthods	
1822	No	Lithic Haplosaprists	
1823	No	Lithic Haplotorrands	
1824	No	Lithic Haplotorrox	
1825	No	Lithic Haploturbels	
1826	No	Lithic Haploxeralfs	
1827	No	Lithic Haploxerands	
1828	No	Lithic Haploxerepts	
1829	No	Lithic Haploxererts	
1830	No	Lithic Haploxerolls	
1831	No	Lithic Haploxerults	
1832	No	Lithic Hapludalfs	
1833	No	Lithic Hapludands	
1834	No	Lithic Hapluderts	
1835	No	Lithic Hapludolls	
1836	No	Lithic Hapludox	
1837	No	Lithic Hapludults	
1838	Yes	Lithic Haplumbrepts	
1839	No	Lithic Haplustalfs	
1840	No	Lithic Haplustands	
1841	No	Lithic Haplustepts	
1842	No	Lithic Haplusterts	
1843	No	Lithic Haplustolls	
1844	No	Lithic Haplustox	
1845	No	Lithic Haplustults	
1846	No	Lithic Haprendolls	
1847	No	Lithic Hemistels	

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Seq	Obsolete?	Choice Value	Choice Description
1848	No	Lithic Historthels	
1849	No	Lithic Histoturbels	
1850	No	Lithic Humicryepts	
1851	No	Lithic Humicryods	
1852	No	Lithic Humigelods	
1853	Yes	Lithic Humitropepts	
1854	Yes	Lithic Hydrandepts	
1855	No	Lithic Hydrocryands	
1856	No	Lithic Hydrudands	
1857	No	Lithic Kandiperox	
1858	No	Lithic Kandiudox	
1859	No	Lithic Kandiustox	
1860	No	Lithic Kanhaplohumults	
1861	No	Lithic Kanhapludalfs	
1862	No	Lithic Kanhapludults	
1863	No	Lithic Kanhaplustalfs	
1864	No	Lithic Kanhaplustults	
1865	Yes	Lithic Medifibrists	
1866	Yes	Lithic Medifolists	
1867	Yes	Lithic Medihemists	
1868	Yes	Lithic Medisaprists	
1869	No	Lithic Melanaquands	
1870	No	Lithic Melanocryands	
1871	No	Lithic Melanudands	
1872	Yes	Lithic Mollic Cryoboralfs	
1873	No	Lithic Mollic Haploxeralfs	
1874	Yes	Lithic Mollic Vitrandepts	
1875	No	Lithic Molliturbels	
1876	No	Lithic Mollorthels	
1877	No	Lithic Natrargids	
1878	No	Lithic Natrigypsids	
1879	No	Lithic Petrocalcic Calciustepts	

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Seq	Obsolete?	Choice Value	Choice Description
1880	No	Lithic Petrocalcic Calciustolls	
1881	No	Lithic Placaquands	
1882	No	Lithic Placudands	
1883	No	Lithic Psammaquents	
1884	No	Lithic Psammorthels	
1885	No	Lithic Psammoturbels	
1886	No	Lithic Quartzipsamments	
1887	Yes	Lithic Rendolls	
1888	No	Lithic Rhodoxeralfs	
1889	No	Lithic Rhodudults	
1890	No	Lithic Rhodustalfs	
1891	No	Lithic Rhodustults	
1892	Yes	Lithic Ruptic-Alfic Dystrochrepts	
1893	Yes	Lithic Ruptic-Alfic Eutrochrepts	
1894	Yes	Lithic Ruptic-Argic Cryoborolls	
1895	Yes	Lithic Ruptic-Entic	
1896	Yes	Lithic Ruptic-Entic Cryoborolls	
1897	Yes	Lithic Ruptic-Entic Cryumbrepts	
1898	No	Lithic Ruptic-Entic Haplargids	
1899	Yes	Lithic Ruptic-Entic Hapludults	
1900	Yes	Lithic Ruptic-Entic Haplustolls	
1901	Yes	Lithic Ruptic-Entic Xerollic Haplargids	
1902	No	Lithic Ruptic-Inceptic Haploxeralfs	
1903	No	Lithic Ruptic-Inceptic Haploxerults	
1904	Yes	Lithic Ruptic-Ultic Dystrochrepts	

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Seq	Obsolete?	Choice Value	Choice Description
1905	Yes	Lithic Ruptic-Xerochreptic Haploxeralfs	
1906	Yes	Lithic Ruptic-Xerochreptic Haploxerults	
1907	Yes	Lithic Ruptic-Xerorthentic Xerochrepts	
1908	No	Lithic Salusterts	
1909	No	Lithic Sapristels	
1910	No	Lithic Sombriperox	
1911	No	Lithic Sombriudox	
1912	No	Lithic Sombriustox	
1913	No	Lithic Sphagnofibrists	
1914	No	Lithic Torrifolists	
1915	No	Lithic Torriorthents	
1916	No	Lithic Torripsamments	
1917	Yes	Lithic Tropaquepts	
1918	Yes	Lithic Tropofibrists	
1919	Yes	Lithic Tropofolists	
1920	Yes	Lithic Tropohemists	
1921	Yes	Lithic Tropopsamments	
1922	Yes	Lithic Troporthents	
1923	Yes	Lithic Troposaprists	
1924	Yes	Lithic Tropudalfs	
1925	Yes	Lithic Udic	
1926	No	Lithic Udifolists	
1927	No	Lithic Udipsamments	
1928	No	Lithic Udivitrands	
1929	No	Lithic Udorthents	
1930	No	Lithic Ultic Argixerolls	
1931	No	Lithic Ultic Haploxerolls	
1932	Yes	Lithic Umbric	
1933	Yes	Lithic Umbric Vitrandepts	
1934	No	Lithic Umbriturbels	

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Seq	Obsolete?	Choice Value	Choice Description
1935	No	Lithic Umbrorthels	
1936	Yes	Lithic Ustic Calciorthids	
1937	No	Lithic Ustic Haplargids	
1938	No	Lithic Ustic Haplocalcids	
1939	No	Lithic Ustic Haplocambids	
1940	No	Lithic Ustic Natrargids	
1941	No	Lithic Ustic Torriorthents	
1942	No	Lithic Ustifolists	
1943	No	Lithic Ustipsamments	
1944	No	Lithic Ustivitrands	
1945	Yes	Lithic Ustochrepts	
1946	Yes	Lithic Ustollic Calciorthids	
1947	Yes	Lithic Ustollic Haplargids	
1948	No	Lithic Ustorthents	
1949	Yes	Lithic Ustropepts	
1950	Yes	Lithic Vermiborolls	
1951	No	Lithic Vermudolls	
1952	No	Lithic Vermustolls	
1953	Yes	Lithic Vertic	
1954	Yes	Lithic Vertic Argiustolls	
1955	Yes	Lithic Vertic Ustropepts	
1956	Yes	Lithic Vitrandepts	
1957	No	Lithic Vitraquands	
1958	No	Lithic Vitricryands	
1959	No	Lithic Vitritorrands	
1960	No	Lithic Vitrixerands	
1961	No	Lithic Xeric Haplargids	
1962	No	Lithic Xeric Haplocalcids	
1963	No	Lithic Xeric Haplocambids	
1964	No	Lithic Xeric Natrargids	
1965	No	Lithic Xeric Torriorthents	
1966	Yes	Lithic Xerochrepts	

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Seq	Obsolete?	Choice Value	Choice Description
1967	Yes	Lithic Xerollic Calciorthids	
1968	Yes	Lithic Xerollic Camborthids	
1969	Yes	Lithic Xerollic Haplargids	
1970	Yes	Lithic Xerollic Natrargids	
1971	No	Lithic Xeropsamments	
1972	No	Lithic Xerorthents	
1973	Yes	Lithic Xerumbrepts	
1974	No	Lithic-Ruptic-Entic Hapludults	
1975	No	Mollic Albaqualfs	
1976	Yes	Mollic Andaquepts	
1977	Yes	Mollic Cryoboralfs	
1978	No	Mollic Cryofluvents	
1979	No	Mollic Endoaqualfs	
1980	No	Mollic Endoaquents	
1981	No	Mollic Endoaquepts	
1982	No	Mollic Epiaqualfs	
1983	No	Mollic Epiaquents	
1984	No	Mollic Epiaquepts	
1985	Yes	Mollic Eutroboralfs	
1986	No	Mollic Fluvaquents	
1987	Yes	Mollic Fragiudalfs	
1988	No	Mollic Fragixeralfs	
1989	No	Mollic Glossaqualfs	
1990	No	Mollic Glossocryalfs	
1991	Yes	Mollic Halaquepts	
1992	Yes	Mollic Haplaquents	
1993	Yes	Mollic Haplaquepts	
1994	No	Mollic Haplocryalfs	
1995	No	Mollic Haploxeralfs	
1996	No	Mollic Hapludalfs	
1997	No	Mollic Kandiudalfs	
1998	No	Mollic Natraqualfs	

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Seq	Obsolete?	Choice Value	Choice Description
1999	Yes	Mollic Natrudalfs	
2000	No	Mollic Natrustalfs	
2001	Yes	Mollic Ochraqualfs	
2002	No	Mollic Oxyaquic Hapludalfs	
2003	Yes	Mollic Paleboralfs	
2004	No	Mollic Palecryalfs	
2005	No	Mollic Paleudalfs	
2006	No	Mollic Palexeralfs	
2007	No	Mollic Psammaquents	
2008	Yes	Mollic Torrerts	
2009	No	Mollic Udarents	
2010	No	Mollic Udifluvents	
2011	No	Mollic Ustifluvents	
2012	Yes	Mollic Vitrandepts	
2013	Yes	Mollic Vitrixerands	
2014	No	Mollic Xerofluvents	
2015	No	Natrargidic Natridurids	
2016	No	Natric Argicryids	
2017	No	Natric Argiorthels	
2018	Yes	Natric Camborthids	
2019	Yes	Natric Cryoborolls	
2020	No	Natric Duraquolls	
2021	No	Natric Durixeralfs	
2022	No	Natric Durustolls	
2023	No	Natric Haploxeralfs	
2024	No	Natric Palexeralfs	
2025	Yes	Natric Palexerolls	
2026	No	Natric Petroargids	
2027	No	Natric Petrocalcids	
2028	No	Natric Vermaqualfs	
2029	No	Natrixeralfic Natridurids	
2030	No	Nitric Anhyorthels	

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Seq	Obsolete?	Choice Value	Choice Description
2031	No	Nitric Anhyturbels	
2032	Yes	Ochreptic Cryoboralfs	
2033	Yes	Ochreptic Eutroboralfs	
2034	Yes	Ochreptic Fragiudalfs	
2035	Yes	Ochreptic Fragixeralfs	
2036	Yes	Ochreptic Glossoboralfs	
2037	Yes	Ochreptic Haploxeralfs	
2038	Yes	Ochreptic Hapludalfs	
2039	Yes	Ochreptic Hapludults	
2040	Yes	Ochreptic Haplustalfs	
2041	Yes	Ochreptic Rhodoxeralfs	
2042	No	Ombroaquic Haplustults	
2043	No	Ombroaquic Kandihumults	
2044	No	Ombroaquic Kandiudults	
2045	No	Ombroaquic Kanhaplohumults	
2046	No	Ombroaquic Kanhapludults	
2047	No	Ombroaquic Kanhaplustults	
2048	Yes	Orthic	
2049	Yes	Orthidic Durixerolls	
2050	Yes	Orthidic Durustolls	
2051	Yes	Orthoxic	
2052	Yes	Orthoxic Palehumults	
2053	Yes	Orthoxic Tropohumults	
2054	No	Oxic Argiudolls	
2055	Yes	Oxic Dystrandepts	
2056	Yes	Oxic Dystropepts	
2057	No	Oxic Dystrudepts	
2058	No	Oxic Dystrustepts	
2059	No	Oxic Hapludands	
2060	Yes	Oxic Haplustalfs	
2061	No	Oxic Haplustands	
2062	No	Oxic Haplustepts	

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Seq	Obsolete?	Choice Value	Choice Description
2063	No	Oxic Haplustolls	
2064	Yes	Oxic Haplustults	
2065	Yes	Oxic Humitropepts	
2066	Yes	Oxic Paleustalfs	
2067	Yes	Oxic Plinthaquults	
2068	Yes	Oxic Rhodustalfs	
2069	Yes	Oxic Tropudalfs	
2070	Yes	Oxic Ustropepts	
2071	No	Oxyaquic Alorthods	
2072	Yes	Oxyaquic Argiborolls	
2073	No	Oxyaquic Argicryolls	
2074	No	Oxyaquic Argiudolls	
2075	No	Oxyaquic Argiustolls	
2076	No	Oxyaquic Argixerolls	
2077	Yes	Oxyaquic Calciborolls	
2078	No	Oxyaquic Calcicryepts	
2079	No	Oxyaquic Calciustolls	
2080	No	Oxyaquic Calcixerolls	
2081	Yes	Oxyaquic Cryoboralfs	
2082	Yes	Oxyaquic Cryoborolls	
2083	Yes	Oxyaquic Cryochrepts	
2084	No	Oxyaquic Cryofluvents	
2085	No	Oxyaquic Cryopsamments	
2086	No	Oxyaquic Cryorthents	
2087	Yes	Oxyaquic Cryumbrepts	
2088	No	Oxyaquic Duricryands	
2089	No	Oxyaquic Duricryods	
2090	Yes	Oxyaquic Dystrochrepts	
2091	No	Oxyaquic Dystrocryepts	
2092	Yes	Oxyaquic Dystropepts	
2093	No	Oxyaquic Dystroxerepts	
2094	No	Oxyaquic Dystrudepts	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2095	No	Oxyaquic Dystruderts	
2096	Yes	Oxyaquic Eutroboralfs	
2097	Yes	Oxyaquic Eutrochrepts	
2098	Yes	Oxyaquic Eutrocryepts	
2099	Yes	Oxyaquic Eutropepts	
2100	No	Oxyaquic Eutrudepts	
2101	Yes	Oxyaquic Fragiboralfs	
2102	No	Oxyaquic Fragiorthods	
2103	No	Oxyaquic Fragiudalfs	
2104	No	Oxyaquic Fraglossudalfs	
2105	No	Oxyaquic Fulvudands	
2106	No	Oxyaquic Gelorthents	
2107	Yes	Oxyaquic Glossoboralfs	
2108	No	Oxyaquic Glossocryalfs	
2109	No	Oxyaquic Glossudalfs	
2110	Yes	Oxyaquic Haploborolls	
2111	No	Oxyaquic Haplocryalfs	
2112	No	Oxyaquic Haplocryands	
2113	No	Oxyaquic Haplocryepts	
2114	No	Oxyaquic Haplocryods	
2115	No	Oxyaquic Haplocryolls	
2116	No	Oxyaquic Haplohumults	
2117	No	Oxyaquic Haplorthods	
2118	No	Oxyaquic Haploxerepts	
2119	No	Oxyaquic Haploxerolls	
2120	No	Oxyaquic Hapludalfs	
2121	No	Oxyaquic Hapludands	
2122	No	Oxyaquic Hapluderts	
2123	No	Oxyaquic Hapludolls	
2124	No	Oxyaquic Hapludults	
2125	Yes	Oxyaquic Haplumbrepts	
2126	No	Oxyaquic Haplustalfs	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2127	No	Oxyaquic Haplustepts	
2128	No	Oxyaquic Haplustolls	
2129	No	Oxyaquic Haplustox	
2130	No	Oxyaquic Humicryepts	
2131	No	Oxyaquic Humicryods	
2132	Yes	Oxyaquic Humitropepts	
2133	No	Oxyaquic Kandiudalfs	
2134	No	Oxyaquic Kandiudults	
2135	No	Oxyaquic Kanhapludalfs	
2136	No	Oxyaquic Kanhapludults	
2137	Yes	Oxyaquic Paleboralfs	
2138	Yes	Oxyaquic Paleborolls	
2139	No	Oxyaquic Palecryalfs	
2140	No	Oxyaquic Palecryolls	
2141	No	Oxyaquic Palehumults	
2142	No	Oxyaquic Paleudalfs	
2143	No	Oxyaquic Paleudolls	
2144	No	Oxyaquic Paleudults	
2145	No	Oxyaquic Paleustalfs	
2146	Yes	Oxyaquic Psammentic Eutroboralfs	
2147	No	Oxyaquic Quartzipsamments	
2148	No	Oxyaquic Torrifluvents	
2149	No	Oxyaquic Torriorthents	
2150	No	Oxyaquic Torripsamments	
2151	Yes	Oxyaquic Tropopsamments	
2152	No	Oxyaquic Udifluvents	
2153	No	Oxyaquic Udipsamments	
2154	No	Oxyaquic Udivitrands	
2155	No	Oxyaquic Udorthents	
2156	No	Oxyaquic Ultic Haplorthods	
2157	No	Oxyaquic Ustifluvents	
2158	No	Oxyaquic Ustipsamments	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2159	No	Oxyaquic Ustorthents	
2160	Yes	Oxyaquic Ustropepts	
2161	No	Oxyaquic Vertic Argiudolls	
2162	No	Oxyaquic Vertic Glossudalfs	
2163	No	Oxyaquic Vertic Hapludalfs	
2164	No	Oxyaquic Vertic Haplustalfs	
2165	No	Oxyaquic Vertic Paleustalfs	
2166	No	Oxyaquic Vitrandic Haploxerepts	
2167	No	Oxyaquic Vitricryands	
2168	No	Oxyaquic Xerofluvents	
2169	No	Oxyaquic Xeropsamments	
2170	No	Oxyaquic Xerorthents	
2171	Yes	Pachic Argiborolls	
2172	No	Pachic Argicryolls	
2173	No	Pachic Argiudolls	
2174	No	Pachic Argiustolls	
2175	No	Pachic Argixerolls	
2176	No	Pachic Calcicryolls	
2177	No	Pachic Calciustolls	
2178	No	Pachic Calcixerolls	
2179	Yes	Pachic Cryoborolls	
2180	No	Pachic Durudands	
2181	No	Pachic Fulvicryands	
2182	No	Pachic Fulvudands	
2183	Yes	Pachic Haploborolls	
2184	No	Pachic Haplocryolls	
2185	No	Pachic Haploxerolls	
2186	No	Pachic Hapludolls	
2187	Yes	Pachic Haplumbrepts	
2188	No	Pachic Haplustands	
2189	No	Pachic Haplustolls	
2190	No	Pachic Melanaquands	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2191	No	Pachic Melanoxerands	
2192	No	Pachic Melanudands	
2193	Yes	Pachic Paleborolls	
2194	No	Pachic Palecryolls	
2195	No	Pachic Paleudolls	
2196	No	Pachic Paleustolls	
2197	No	Pachic Palexerolls	
2198	Yes	Pachic Placudands	
2199	Yes	Pachic Udertic Argiborolls	
2200	No	Pachic Udertic Argiustolls	
2201	Yes	Pachic Udertic Haploborolls	
2202	No	Pachic Udertic Haplustolls	
2203	Yes	Pachic Udic Argiborolls	
2204	Yes	Pachic Udic Haploborolls	
2205	No	Pachic Ultic Argixerolls	
2206	No	Pachic Ultic Haploxerolls	
2207	No	Pachic Vermustolls	
2208	Yes	Pachic Vertic Argiborolls	
2209	No	Pachic Vertic Argiudolls	
2210	No	Pachic Vertic Argiustolls	
2211	Yes	Pachic Vertic Haploborolls	
2212	No	Pachic Vertic Hapludolls	
2213	No	Pachic Vertic Haplustolls	
2214	No	Pachic Vitric Melanudands	
2215	Yes	Pachic Xerumbrepts	
2216	Yes	Paleargidic Argiborolls	
2217	No	Paleargidic Durixerolls	
2218	Yes	Paleustollic	
2219	Yes	Paleustollic Chromusterts	
2220	Yes	Palexerollic	
2221	Yes	Palexerollic Chromoxererts	
2222	No	Palexerollic Durixerolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2223	Yes	Paralithic Vertic	
2224	Yes	Paralithic Vertic Haplustolls	
2225	Yes	Pergelic Cryaquands	
2226	Yes	Pergelic Cryaquepts	
2227	Yes	Pergelic Cryaquods	
2228	Yes	Pergelic Cryaquolls	
2229	Yes	Pergelic Cryoborolls	
2230	Yes	Pergelic Cryochrepts	
2231	Yes	Pergelic Cryofibrists	
2232	Yes	Pergelic Cryohemists	
2233	Yes	Pergelic Cryopsamments	
2234	Yes	Pergelic Cryorthents	
2235	Yes	Pergelic Cryorthods	
2236	Yes	Pergelic Cryosaprists	
2237	Yes	Pergelic Cryumbrepts	
2238	Yes	Pergelic Haplocryods	
2239	Yes	Pergelic Humicryods	
2240	Yes	Pergelic Ruptic-Histic Cryaquepts	
2241	Yes	Pergelic Sideric	
2242	Yes	Pergelic Sphagnofibrists	
2243	No	Petrocalcic Calciaquolls	
2244	Yes	Petrocalcic Calciborolls	
2245	No	Petrocalcic Calcicryolls	
2246	No	Petrocalcic Calcitorrerts	
2247	No	Petrocalcic Calciustepts	
2248	No	Petrocalcic Calciusterts	
2249	No	Petrocalcic Calciustolls	
2250	No	Petrocalcic Calcixerepts	
2251	No	Petrocalcic Calcixererts	
2252	No	Petrocalcic Duritorrands	
2253	No	Petrocalcic Haplusterts	
2254	No	Petrocalcic Natrudolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2255	No	Petrocalcic Natrustalfs	
2256	Yes	Petrocalcic Paleargids	
2257	No	Petrocalcic Paleudolls	
2258	No	Petrocalcic Paleustalfs	
2259	No	Petrocalcic Paleustolls	
2260	No	Petrocalcic Palexeralfs	
2261	No	Petrocalcic Palexerolls	
2262	No	Petrocalcic Petrogypsids	
2263	No	Petrocalcic Rhodoxeralfs	
2264	Yes	Petrocalcic Ustalfic Paleargids	
2265	Yes	Petrocalcic Ustollic Paleargids	
2266	Yes	Petrocalcic Ustollic Paleustolls	
2267	Yes	Petrocalcic Vitritorrands	
2268	Yes	Petrocalcic Xerochrepts	
2269	Yes	Petrocalcic Xerollic Paleargids	
2270	No	Petrocalcidic Palexerolls	
2271	No	Petroferric Acroperox	
2272	No	Petroferric Acrotorrox	
2273	No	Petroferric Acrudox	
2274	No	Petroferric Acrustox	
2275	Yes	Petroferric Dystropepts	
2276	Yes	Petroferric Endoaquands	
2277	Yes	Petroferric Epiaquands	
2278	No	Petroferric Eutroperox	
2279	No	Petroferric Eutrotorrox	
2280	No	Petroferric Eutrudox	
2281	No	Petroferric Eutrustox	
2282	No	Petroferric Haploperox	
2283	No	Petroferric Haplotorrox	
2284	Yes	Petroferric Hapludands	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2285	No	Petroferric Hapludox	
2286	No	Petroferric Haplustox	
2287	No	Petroferric Haplustults	
2288	No	Petroferric Kandiperox	
2289	No	Petroferric Kandiudox	
2290	No	Petroferric Kandiustox	
2291	No	Petroferric Sombriperox	
2292	No	Petroferric Sombriudox	
2293	No	Petroferric Sombriustox	
2294	No	Petrogypsic Anhyorthels	
2295	No	Petrogypsic Anhyturbels	
2296	Yes	Petrogypsic Gypsiorthids	
2297	No	Petrogypsic Haplosalids	
2298	No	Petrogypsic Petroargids	
2299	No	Petrogypsic Petrocryids	
2300	No	Petrogypsic Ustic Petroargids	
2301	No	Petronodic Aquicambids	
2302	No	Petronodic Argigypsids	
2303	No	Petronodic Calciargids	
2304	No	Petronodic Calcigypsids	
2305	No	Petronodic Haplargids	
2306	No	Petronodic Haplocalcids	
2307	No	Petronodic Haplocambids	
2308	No	Petronodic Haplogypsids	
2309	No	Petronodic Natrargids	
2310	No	Petronodic Natrigypsids	
2311	No	Petronodic Paleargids	
2312	No	Petronodic Ustic Calciargids	
2313	No	Petronodic Ustic Haplargids	
2314	No	Petronodic Ustic Haplocalcids	
2315	No	Petronodic Ustic Haplocambids	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2316	No	Petronodic Ustic Paleargids	
2317	No	Petronodic Xeric Calciargids	
2318	No	Petronodic Xeric Haplocalcids	
2319	No	Petronodic Xeric Haplocambids	
2320	No	Placic Cryaquods	
2321	Yes	Placic Haplaquods	
2322	No	Placic Hydrocryands	
2323	No	Placic Petraquepts	
2324	No	Plagganthreptic Alorthods	
2325	No	Plagganthreptic Fragiaquods	
2326	No	Plagganthreptic Fragiorthods	
2327	No	Plagganthreptic Haplohumods	
2328	No	Plagganthreptic Udipsamments	
2329	Yes	Plaggeptic Alorthods	
2330	Yes	Plaggeptic Fragiaquods	
2331	Yes	Plaggeptic Fragiorthods	
2332	Yes	Plaggeptic Haplohumods	
2333	Yes	Plaggeptic Udipsamments	
2334	Yes	Plaggic	
2335	No	Plinthaquic Eutroperox	
2336	No	Plinthaquic Eutrudox	
2337	No	Plinthaquic Eutrustox	
2338	No	Plinthaquic Fragiudults	
2339	No	Plinthaquic Haploperox	
2340	No	Plinthaquic Hapludox	
2341	No	Plinthaquic Haplustox	
2342	No	Plinthaquic Kandiperox	
2343	No	Plinthaquic Kandiudalfs	
2344	No	Plinthaquic Kandiudox	
2345	No	Plinthaquic Kandiudults	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2346	No	Plinthaquic Kandiustox	
2347	No	Plinthaquic Kanhapludults	
2348	No	Plinthaquic Paleudalfs	
2349	No	Plinthaquic Paleudults	
2350	No	Plinthic Acraquox	
2351	No	Plinthic Acroperox	
2352	Yes	Plinthic Acrorthox	
2353	No	Plinthic Acrudox	
2354	No	Plinthic Acrustox	
2355	No	Plinthic Eutraquox	
2356	No	Plinthic Eutroperox	
2357	No	Plinthic Eutrudox	
2358	No	Plinthic Eutrustox	
2359	No	Plinthic Fragiaqualfs	
2360	No	Plinthic Fragiaquults	
2361	No	Plinthic Fragiudults	
2362	No	Plinthic Haplaquox	
2363	No	Plinthic Haplohumults	
2364	No	Plinthic Haploperox	
2365	Yes	Plinthic Haplorthox	
2366	No	Plinthic Haploxeralfs	
2367	No	Plinthic Hapludox	
2368	No	Plinthic Haplustox	
2369	No	Plinthic Haplustults	
2370	No	Plinthic Kandiaqualfs	
2371	No	Plinthic Kandiaquults	
2372	No	Plinthic Kandihumults	
2373	No	Plinthic Kandiperox	
2374	No	Plinthic Kandiudalfs	
2375	No	Plinthic Kandiudox	
2376	No	Plinthic Kandiudults	
2377	No	Plinthic Kandiustalfs	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2378	No	Plinthic Kandiustox	
2379	No	Plinthic Kandiustults	
2380	No	Plinthic Kanhaplaquults	
2381	No	Plinthic Kanhapludults	
2382	No	Plinthic Kanhaplustults	
2383	No	Plinthic Paleaquults	
2384	No	Plinthic Palehumults	
2385	No	Plinthic Paleudalfs	
2386	No	Plinthic Paleudults	
2387	No	Plinthic Paleustalfs	
2388	No	Plinthic Palexeralfs	
2389	No	Plinthic Petraquepts	
2390	No	Plinthic Quartzipsamments	
2391	Yes	Plinthic Tropaquepts	
2392	No	Plinthic Umbraquults	
2393	Yes	Plinthudic Fragiaquults	
2394	Yes	Psammaquentic Hapludalfs	
2395	Yes	Psammaquentic Paleudults	
2396	No	Psammentic Aquiturbels	
2397	No	Psammentic Aquorthels	
2398	No	Psammentic Argiudolls	
2399	Yes	Psammentic Cryoboralfs	
2400	Yes	Psammentic Eutroboralfs	
2401	Yes	Psammentic Glossoboralfs	
2402	No	Psammentic Haplocryalfs	
2403	No	Psammentic Haploxeralfs	
2404	No	Psammentic Haploxerolls	
2405	No	Psammentic Haploxerults	
2406	No	Psammentic Hapludalfs	
2407	No	Psammentic Hapludults	
2408	Yes	Psammentic Haplumbrepts	
2409	No	Psammentic Haplustalfs	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2410	No	Psammentic Paleudalfs	
2411	No	Psammentic Paleudults	
2412	No	Psammentic Paleustalfs	
2413	No	Psammentic Palexeralfs	
2414	No	Psammentic Rhodudults	
2415	No	Psammentic Rhodustults	
2416	Yes	Quartzipsammentic Haplumbrepts	
2417	Yes	Rendollic Eutrochrepts	
2418	No	Rendollic Eutrudepts	
2419	No	Rhodic Acroperox	
2420	No	Rhodic Acrudox	
2421	No	Rhodic Acrustox	
2422	No	Rhodic Eutroperox	
2423	No	Rhodic Eutrudox	
2424	No	Rhodic Eutrustox	
2425	No	Rhodic Haploperox	
2426	No	Rhodic Hapludox	
2427	No	Rhodic Haplustox	
2428	No	Rhodic Kandiperox	
2429	No	Rhodic Kandiudalfs	
2430	No	Rhodic Kandiudox	
2431	No	Rhodic Kandiudults	
2432	No	Rhodic Kandiustalfs	
2433	No	Rhodic Kandiustox	
2434	No	Rhodic Kandiustults	
2435	No	Rhodic Kanhapludalfs	
2436	No	Rhodic Kanhapludults	
2437	No	Rhodic Kanhaplustalfs	
2438	No	Rhodic Kanhaplustults	
2439	No	Rhodic Paleudalfs	
2440	No	Rhodic Paleudults	
2441	No	Rhodic Paleustalfs	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2442	No	Rhodic Torripsamments	
2443	No	Rhodic Ustipsamments	
2444	No	Ruptic Historthels	
2445	No	Ruptic Histoturbels	
2446	Yes	Ruptic-Alfic Dystrochrepts	
2447	No	Ruptic-Alfic Dystrudepts	
2448	Yes	Ruptic-Alfic Eutrochrepts	
2449	No	Ruptic-Alfic Eutrudepts	
2450	Yes	Ruptic-Alfic Lithic	
2451	Yes	Ruptic-Entic Lithic	
2452	No	Ruptic-Histic Aquiturbels	
2453	No	Ruptic-Histic Aquorthels	
2454	Yes	Ruptic-Lithic Cryumbrepts	
2455	Yes	Ruptic-Lithic Haploborolls	
2456	No	Ruptic-Lithic Haplustolls	
2457	Yes	Ruptic-Lithic Xerochrepts	
2458	Yes	Ruptic-Lithic-Entic Hapludults	
2459	Yes	Ruptic-Lithic-Xerochreptic Haploxeralfs	
2460	Yes	Ruptic-Lithic-Xerochreptic Haploxerults	
2461	Yes	Ruptic-Ultic Dystrochrepts	
2462	No	Ruptic-Ultic Dystrudepts	
2463	Yes	Ruptic-Vertic Albaqualfs	
2464	No	Salic Anhyorthels	
2465	No	Salic Anhyturbels	
2466	No	Salic Aquorthels	
2467	No	Salic Sulfaquerts	
2468	No	Salidic Calciustolls	
2469	Yes	Salidic Haploborolls	
2470	No	Salidic Haplustolls	
2471	No	Salidic Natrustalfs	
2472	No	Salidic Sulfaquepts	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2473	Yes	Salorthidic Calciustolls	
2474	Yes	Salorthidic Haploborolls	
2475	Yes	Salorthidic Haplustolls	
2476	Yes	Salorthidic Natrustalfs	
2477	Yes	Salorthidic Sulfaquepts	
2478	Yes	Sapric Borofibrists	
2479	Yes	Sapric Borohemists	
2480	No	Sapric Glacistels	
2481	No	Sapric Haplohemists	
2482	Yes	Sapric Medifibrists	
2483	Yes	Sapric Medihemists	
2484	Yes	Sapric Sphagnofibrists	
2485	Yes	Sapric Terric Borofibrists	
2486	Yes	Sapric Terric Borohemists	
2487	Yes	Sapric Terric Medifibrists	
2488	Yes	Sapric Terric Medihemists	
2489	Yes	Sapric Terric Tropofibrists	
2490	Yes	Sapric Terric Tropohemists	
2491	Yes	Sapric Tropofibrists	
2492	Yes	Sapric Tropohemists	
2493	Yes	Sideric	
2494	Yes	Sideric Cryaquods	
2495	Yes	Sideric Tropaquods	
2496	No	Sodic Aquicambids	
2497	No	Sodic Calciusterts	
2498	No	Sodic Calcixerepts	
2499	No	Sodic Durixererts	
2500	No	Sodic Endoaquents	
2501	No	Sodic Endoaquerts	
2502	No	Sodic Epiaquerts	
2503	No	Sodic Gypsiusterts	
2504	No	Sodic Haplocalcids	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2505	No	Sodic Haplocambids	
2506	No	Sodic Haplocryerts	
2507	No	Sodic Haplogypsids	
2508	No	Sodic Haplotorrerts	
2509	No	Sodic Haploxererts	
2510	No	Sodic Haplusterts	
2511	No	Sodic Humicryerts	
2512	No	Sodic Hydraquents	
2513	No	Sodic Petrocambids	
2514	No	Sodic Psammaquents	
2515	No	Sodic Salusterts	
2516	No	Sodic Torriarents	
2517	No	Sodic Ustic Haplocalcids	
2518	No	Sodic Ustic Haplocambids	
2519	No	Sodic Vermaquepts	
2520	No	Sodic Xerarents	
2521	No	Sodic Xeric Haplocalcids	
2522	No	Sodic Xeric Haplocambids	
2523	No	Sombric Kandiudults	
2524	Yes	Sombrihumic	
2525	Yes	Sphagnic Borofibrists	
2526	No	Sphagnic Cryofibrists	
2527	No	Sphagnic Fibristels	
2528	Yes	Sphagnic Medifibrists	
2529	Yes	Sphagnic Terric Borofibrists	
2530	Yes	Sphagnic Terric Medifibrists	
2531	No	Spodic Cryopsamments	
2532	No	Spodic Dystrocryepts	
2533	No	Spodic Dystrudepts	
2534	No	Spodic Haplocryands	
2535	No	Spodic Humicryepts	
2536	No	Spodic Paleudults	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2537	No	Spodic Psammaquents	
2538	No	Spodic Psammorthels	
2539	No	Spodic Psammoturbels	
2540	No	Spodic Quartzipsamments	
2541	No	Spodic Udipsamments	
2542	No	Spodic Vitricryands	
2543	Yes	Spodic Vitrixerands	
2544	No	Sulfaqueptic Dystraquerts	
2545	No	Sulfic Cryaquepts	
2546	No	Sulfic Endoaquents	
2547	No	Sulfic Endoaquepts	
2548	No	Sulfic Fluvaquents	
2549	Yes	Sulfic Haplaquepts	
2550	No	Sulfic Hydraquents	
2551	No	Sulfic Sulfaquerts	
2552	Yes	Sulfic Tropaquepts	
2553	No	Sulfuric Aquiturbels	
2554	No	Sulfuric Aquorthels	
2555	Yes	Terric Borofibrists	
2556	Yes	Terric Borohemists	
2557	Yes	Terric Borosaprists	
2558	No	Terric Cryofibrists	
2559	No	Terric Cryohemists	
2560	No	Terric Cryosaprists	
2561	No	Terric Fibristels	
2562	No	Terric Haplofibrists	
2563	No	Terric Haplohemists	
2564	No	Terric Haplosaprists	
2565	No	Terric Hemistels	
2566	Yes	Terric Medifibrists	
2567	Yes	Terric Medihemists	
2568	Yes	Terric Medisaprists	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2569	No	Terric Sapristels	
2570	No	Terric Sphagnofibrists	
2571	No	Terric Sulfihemists	
2572	No	Terric Sulfisaprists	
2573	Yes	Terric Tropofibrists	
2574	Yes	Terric Tropohemists	
2575	Yes	Terric Troposaprists	
2576	No	Thaptic Cryaquands	
2577	No	Thaptic Duraquands	
2578	Yes	Thaptic Durudands	
2579	No	Thaptic Durustands	
2580	No	Thaptic Endoaquands	
2581	No	Thaptic Epiaquands	
2582	No	Thaptic Fulvudands	
2583	No	Thaptic Gelaquands	
2584	No	Thaptic Haplocryands	
2585	No	Thaptic Haploxerands	
2586	No	Thaptic Hapludands	
2587	No	Thaptic Haplustands	
2588	No	Thaptic Hydrocryands	
2589	No	Thaptic Hydrudands	
2590	No	Thaptic Melanaquands	
2591	No	Thaptic Melanudands	
2592	No	Thaptic Placaquands	
2593	Yes	Thaptic Placudands	
2594	No	Thaptic Udivitrands	
2595	No	Thaptic Ustivitrands	
2596	No	Thaptic Vitraquands	
2597	No	Thaptic Vitricryands	
2598	No	Thaptic Vitrixerands	
2599	No	Thapto-Histic Cryaquolls	
2600	No	Thapto-Histic Endoaquolls	

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SSURGO Metadata Version: 2.2.3

Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2601	No	Thapto-Histic Epiaquolls	
2602	No	Thapto-Histic Fluvaquents	
2603	Yes	Thapto-Histic Haplaquolls	
2604	No	Thapto-Histic Hydraquents	
2605	No	Thapto-Histic Sulfaquents	
2606	Yes	Thapto-Histic Tropic Fluvaquents	
2607	Yes	Torrertic Argiborolls	
2608	No	Torrertic Argiustolls	
2609	No	Torrertic Argixerolls	
2610	No	Torrertic Calciustepts	
2611	No	Torrertic Calciustolls	
2612	No	Torrertic Dystrustepts	
2613	No	Torrertic Haploxerolls	
2614	No	Torrertic Haplustalfs	
2615	No	Torrertic Haplustepts	
2616	No	Torrertic Haplustolls	
2617	Yes	Torrertic Natriborolls	
2618	No	Torrertic Natrustalfs	
2619	No	Torrertic Natrustolls	
2620	No	Torrertic Paleustolls	
2621	No	Torrertic Ustifluvents	
2622	Yes	Torrertic Ustochrepts	
2623	No	Torrertic Ustorthents	
2624	Yes	Torrifluventic Haploborolls	
2625	No	Torrifluventic Haploxerolls	
2626	No	Torrifluventic Haplustepts	
2627	No	Torrifluventic Haplustolls	
2628	Yes	Torrifluventic Ustochrepts	
2629	Yes	Torriorthentic Haploborolls	
2630	No	Torriorthentic Haploxerolls	
2631	No	Torriorthentic Haplustolls	
2632	No	Torripsammentic Haploxerolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2633	No	Torroxic Haplustolls	
2634	Yes	Tropaquodic	
2635	Yes	Tropeptic	
2636	Yes	Tropeptic Eutrorthox	
2637	Yes	Tropeptic Eutrustox	
2638	Yes	Tropeptic Haplorthox	
2639	Yes	Tropeptic Haplustox	
2640	Yes	Tropeptic Umbriorthox	
2641	Yes	Tropic Fluvaquents	
2642	No	Typic Acraquox	
2643	Yes	Typic Acrohumox	
2644	No	Typic Acroperox	
2645	Yes	Typic Acrorthox	
2646	No	Typic Acrotorrox	
2647	No	Typic Acrudox	
2648	No	Typic Acrustox	
2649	Yes	Typic Agrudalfs	
2650	No	Typic Alaquods	
2651	No	Typic Albaqualfs	
2652	No	Typic Albaquults	
2653	No	Typic Alorthods	
2654	Yes	Typic Andaquepts	
2655	No	Typic Anhyorthels	
2656	No	Typic Anhyturbels	
2657	No	Typic Anthracambids	
2658	No	Typic Aquicambids	
2659	No	Typic Aquisalids	
2660	No	Typic Aquiturbels	
2661	No	Typic Aquorthels	
2662	No	Typic Argialbolls	
2663	No	Typic Argiaquolls	
2664	Yes	Typic Argiborolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2665	No	Typic Argicryids	
2666	No	Typic Argicryolls	
2667	No	Typic Argidurids	
2668	No	Typic Argigypsids	
2669	No	Typic Argiorthels	
2670	No	Typic Argiudolls	
2671	No	Typic Argiustolls	
2672	No	Typic Argixerolls	
2673	Yes	Typic Borofibrists	
2674	Yes	Typic Borofolists	
2675	Yes	Typic Borohemists	
2676	Yes	Typic Borosaprists	
2677	No	Typic Calciaquerts	
2678	No	Typic Calciaquolls	
2679	No	Typic Calciargids	
2680	Yes	Typic Calciborolls	
2681	No	Typic Calcicryepts	
2682	No	Typic Calcicryids	
2683	No	Typic Calcicryolls	
2684	No	Typic Calcigypsids	
2685	Yes	Typic Calciorthids	
2686	No	Typic Calcitorrerts	
2687	No	Typic Calciudolls	
2688	No	Typic Calciustepts	
2689	No	Typic Calciusterts	
2690	No	Typic Calciustolls	
2691	No	Typic Calcixerepts	
2692	No	Typic Calcixererts	
2693	No	Typic Calcixerolls	
2694	Yes	Typic Camborthids	
2695	Yes	Typic Chromoxererts	
2696	Yes	Typic Chromuderts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2697	Yes	Typic Chromusterts	
2698	Yes	Typic Cryandepts	
2699	No	Typic Cryaqualfs	
2700	No	Typic Cryaquands	
2701	No	Typic Cryaquents	
2702	No	Typic Cryaquepts	
2703	No	Typic Cryaquods	
2704	No	Typic Cryaquolls	
2705	Yes	Typic Cryoboralfs	
2706	Yes	Typic Cryoborolls	
2707	Yes	Typic Cryochrepts	
2708	No	Typic Cryofibrists	
2709	No	Typic Cryofluvents	
2710	No	Typic Cryofolists	
2711	No	Typic Cryohemists	
2712	Yes	Typic Cryohumods	
2713	No	Typic Cryopsamments	
2714	No	Typic Cryorthents	
2715	Yes	Typic Cryorthods	
2716	No	Typic Cryosaprists	
2717	No	Typic Cryrendolls	
2718	Yes	Typic Cryumbrepts	
2719	No	Typic Duraqualfs	
2720	No	Typic Duraquands	
2721	No	Typic Duraquerts	
2722	No	Typic Duraquods	
2723	No	Typic Duraquolls	
2724	Yes	Typic Durargids	
2725	No	Typic Duricryands	
2726	No	Typic Duricryods	
2727	No	Typic Duricryolls	
2728	No	Typic Durihumods	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2729	No	Typic Duritorrands	
2730	No	Typic Durixeralfs	
2731	No	Typic Durixerepts	
2732	No	Typic Durixererts	
2733	No	Typic Durixerolls	
2734	Yes	Typic Durochrepts	
2735	Yes	Typic Durorthids	
2736	No	Typic Durorthods	
2737	No	Typic Durudands	
2738	No	Typic Durudepts	
2739	No	Typic Durustalfs	
2740	No	Typic Durustands	
2741	No	Typic Durustepts	
2742	No	Typic Durustolls	
2743	Yes	Typic Dystrandepts	
2744	No	Typic Dystraquerts	
2745	Yes	Typic Dystrochrepts	
2746	No	Typic Dystrocryepts	
2747	No	Typic Dystrogelepts	
2748	Yes	Typic Dystropepts	
2749	No	Typic Dystroxerepts	
2750	No	Typic Dystrudepts	
2751	No	Typic Dystruderts	
2752	No	Typic Dystrustepts	
2753	No	Typic Dystrusterts	
2754	No	Typic Endoaqualfs	
2755	No	Typic Endoaquands	
2756	No	Typic Endoaquents	
2757	No	Typic Endoaquepts	
2758	No	Typic Endoaquerts	
2759	No	Typic Endoaquods	
2760	No	Typic Endoaquolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2761	No	Typic Endoaquults	
2762	No	Typic Epiaqualfs	
2763	No	Typic Epiaquands	
2764	No	Typic Epiaquents	
2765	No	Typic Epiaquepts	
2766	No	Typic Epiaquerts	
2767	No	Typic Epiaquods	
2768	No	Typic Epiaquolls	
2769	No	Typic Epiaquults	
2770	Yes	Typic Eutrandepts	
2771	No	Typic Eutraquox	
2772	Yes	Typic Eutroboralfs	
2773	Yes	Typic Eutrochrepts	
2774	Yes	Typic Eutrocryepts	
2775	No	Typic Eutrogelepts	
2776	Yes	Typic Eutropepts	
2777	No	Typic Eutroperox	
2778	Yes	Typic Eutrorthox	
2779	No	Typic Eutrotorrox	
2780	No	Typic Eutrudepts	
2781	No	Typic Eutrudox	
2782	No	Typic Eutrustox	
2783	No	Typic Ferrudalfs	
2784	No	Typic Fibristels	
2785	No	Typic Fluvaquents	
2786	No	Typic Folistels	
2787	No	Typic Fragiaqualfs	
2788	No	Typic Fragiaquepts	
2789	No	Typic Fragiaquods	
2790	No	Typic Fragiaquults	
2791	Yes	Typic Fragiboralfs	
2792	No	Typic Fragihumods	

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SSURGO Metadata Version: 2.2.3

Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2793	Yes	Typic Fragiochrepts	
2794	No	Typic Fragiorthods	
2795	No	Typic Fragiudalfs	
2796	No	Typic Fragiudepts	
2797	No	Typic Fragiudults	
2798	Yes	Typic Fragiumbrepts	
2799	No	Typic Fragixeralfs	
2800	No	Typic Fragixerepts	
2801	No	Typic Fraglossudalfs	
2802	No	Typic Fulvicryands	
2803	No	Typic Fulvudands	
2804	No	Typic Gelaquands	
2805	No	Typic Gelaquents	
2806	No	Typic Gelaquepts	
2807	Yes	Typic Gelicryands	
2808	No	Typic Gelifluvents	
2809	No	Typic Gelorthents	
2810	Yes	Typic Gibbsihumox	
2811	Yes	Typic Gibbsiorthox	
2812	No	Typic Glacistels	
2813	No	Typic Glossaqualfs	
2814	Yes	Typic Glossoboralfs	
2815	No	Typic Glossocryalfs	
2816	No	Typic Glossudalfs	
2817	No	Typic Gypsiargids	
2818	No	Typic Gypsicryids	
2819	Yes	Typic Gypsiorthids	
2820	No	Typic Gypsitorrerts	
2821	No	Typic Gypsiusterts	
2822	No	Typic Halaquepts	
2823	No	Typic Haplanthrepts	
2824	Yes	Typic Haplaquands	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2825	Yes	Typic Haplaquents	
2826	Yes	Typic Haplaquepts	
2827	Yes	Typic Haplaquods	
2828	Yes	Typic Haplaquolls	
2829	No	Typic Haplaquox	
2830	No	Typic Haplargids	
2831	Yes	Typic Haploborolls	
2832	No	Typic Haplocalcids	
2833	No	Typic Haplocambids	
2834	No	Typic Haplocryalfs	
2835	No	Typic Haplocryands	
2836	No	Typic Haplocryepts	
2837	No	Typic Haplocryerts	
2838	No	Typic Haplocryids	
2839	No	Typic Haplocryods	
2840	No	Typic Haplocryolls	
2841	No	Typic Haplodurids	
2842	No	Typic Haplofibrists	
2843	No	Typic Haplogelods	
2844	No	Typic Haplogelolls	
2845	No	Typic Haplogypsids	
2846	No	Typic Haplohemists	
2847	No	Typic Haplohumods	
2848	No	Typic Haplohumults	
2849	No	Typic Haploperox	
2850	No	Typic Haplorthels	
2851	No	Typic Haplorthods	
2852	Yes	Typic Haplorthox	
2853	No	Typic Haplosalids	
2854	No	Typic Haplosaprists	
2855	No	Typic Haplotorrands	
2856	No	Typic Haplotorrerts	

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SSURGO Metadata Version: 2.2.3

Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2857	No	Typic Haplotorrox	
2858	No	Typic Haploturbels	
2859	No	Typic Haploxeralfs	
2860	No	Typic Haploxerands	
2861	No	Typic Haploxerepts	
2862	No	Typic Haploxererts	
2863	No	Typic Haploxerolls	
2864	No	Typic Haploxerults	
2865	No	Typic Hapludalfs	
2866	No	Typic Hapludands	
2867	No	Typic Hapluderts	
2868	No	Typic Hapludolls	
2869	No	Typic Hapludox	
2870	No	Typic Hapludults	
2871	Yes	Typic Haplumbrepts	
2872	No	Typic Haplustalfs	
2873	No	Typic Haplustands	
2874	No	Typic Haplustepts	
2875	No	Typic Haplusterts	
2876	No	Typic Haplustolls	
2877	No	Typic Haplustox	
2878	No	Typic Haplustults	
2879	No	Typic Haprendolls	
2880	No	Typic Hemistels	
2881	No	Typic Historthels	
2882	No	Typic Histoturbels	
2883	No	Typic Humaquepts	
2884	No	Typic Humicryepts	
2885	No	Typic Humicryerts	
2886	No	Typic Humicryods	
2887	No	Typic Humigelods	
2888	Yes	Typic Humitropepts	

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SSURGO Metadata Version: 2.2.3

Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2889	Yes	Typic Hydrandepts	
2890	No	Typic Hydraquents	
2891	No	Typic Hydrocryands	
2892	No	Typic Hydrudands	
2893	No	Typic Kandiaqualfs	
2894	No	Typic Kandiaquults	
2895	No	Typic Kandihumults	
2896	No	Typic Kandiperox	
2897	No	Typic Kandiudalfs	
2898	No	Typic Kandiudox	
2899	No	Typic Kandiudults	
2900	No	Typic Kandiustalfs	
2901	No	Typic Kandiustox	
2902	No	Typic Kandiustults	
2903	No	Typic Kanhaplaquults	
2904	No	Typic Kanhaplohumults	
2905	No	Typic Kanhapludalfs	
2906	No	Typic Kanhapludults	
2907	No	Typic Kanhaplustalfs	
2908	No	Typic Kanhaplustults	
2909	Yes	Typic Luvifibrists	
2910	No	Typic Luvihemists	
2911	Yes	Typic Medifibrists	
2912	Yes	Typic Medifolists	
2913	Yes	Typic Medihemists	
2914	Yes	Typic Medisaprists	
2915	No	Typic Melanaquands	
2916	No	Typic Melanocryands	
2917	No	Typic Melanoxerands	
2918	No	Typic Melanudands	
2919	No	Typic Molliturbels	
2920	No	Typic Mollorthels	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2921	Yes	Typic Nadurargids	
2922	No	Typic Natralbolls	
2923	No	Typic Natraqualfs	
2924	No	Typic Natraquerts	
2925	No	Typic Natraquolls	
2926	No	Typic Natrargids	
2927	Yes	Typic Natriboralfs	
2928	Yes	Typic Natriborolls	
2929	No	Typic Natricryolls	
2930	No	Typic Natridurids	
2931	No	Typic Natrigypsids	
2932	No	Typic Natrixeralfs	
2933	No	Typic Natrixerolls	
2934	No	Typic Natrudalfs	
2935	No	Typic Natrudolls	
2936	No	Typic Natrustalfs	
2937	No	Typic Natrustolls	
2938	Yes	Typic Ochraqualfs	
2939	Yes	Typic Ochraquults	
2940	No	Typic Paleaquults	
2941	No	Typic Paleargids	
2942	Yes	Typic Paleboralfs	
2943	Yes	Typic Paleborolls	
2944	No	Typic Palecryalfs	
2945	No	Typic Palecryolls	
2946	No	Typic Palehumults	
2947	Yes	Typic Paleorthids	
2948	No	Typic Paleudalfs	
2949	No	Typic Paleudolls	
2950	No	Typic Paleudults	
2951	No	Typic Paleustalfs	
2952	No	Typic Paleustolls	

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SSURGO Metadata Version: 2.2.3

Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2953	No	Typic Paleustults	
2954	No	Typic Palexeralfs	
2955	No	Typic Palexerolls	
2956	No	Typic Palexerults	
2957	Yes	Typic Pelloxererts	
2958	Yes	Typic Pelluderts	
2959	Yes	Typic Pellusterts	
2960	No	Typic Petraquepts	
2961	No	Typic Petroargids	
2962	No	Typic Petrocalcids	
2963	No	Typic Petrocambids	
2964	No	Typic Petrocryids	
2965	No	Typic Petrogypsids	
2966	Yes	Typic Placandepts	
2967	No	Typic Placaquands	
2968	Yes	Typic Placaquepts	
2969	No	Typic Placaquods	
2970	No	Typic Placocryods	
2971	No	Typic Placohumods	
2972	No	Typic Placorthods	
2973	No	Typic Placudands	
2974	No	Typic Plagganthrepts	
2975	Yes	Typic Plaggepts	
2976	No	Typic Plinthaqualfs	
2977	Yes	Typic Plinthaquepts	
2978	No	Typic Plinthaquox	
2979	No	Typic Plinthaquults	
2980	No	Typic Plinthohumults	
2981	No	Typic Plinthoxeralfs	
2982	No	Typic Plinthudults	
2983	No	Typic Plinthustalfs	
2984	No	Typic Plinthustults	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
2985	No	Typic Psammaquents	
2986	No	Typic Psammorthels	
2987	No	Typic Psammoturbels	
2988	No	Typic Quartzipsamments	
2989	Yes	Typic Rendolls	
2990	No	Typic Rhodoxeralfs	
2991	No	Typic Rhodudalfs	
2992	No	Typic Rhodudults	
2993	No	Typic Rhodustalfs	
2994	No	Typic Rhodustults	
2995	No	Typic Salaquerts	
2996	No	Typic Salicryids	
2997	No	Typic Salitorrerts	
2998	Yes	Typic Salorthids	
2999	No	Typic Salusterts	
3000	No	Typic Sapristels	
3001	Yes	Typic Sideraquods	
3002	Yes	Typic Sombrihumox	
3003	No	Typic Sombrihumults	
3004	No	Typic Sombriperox	
3005	Yes	Typic Sombritropepts	
3006	No	Typic Sombriudox	
3007	No	Typic Sombriustox	
3008	No	Typic Sphagnofibrists	
3009	No	Typic Sulfaquents	
3010	No	Typic Sulfaquepts	
3011	No	Typic Sulfaquerts	
3012	No	Typic Sulfihemists	
3013	No	Typic Sulfisaprists	
3014	Yes	Typic Sulfochrepts	
3015	No	Typic Sulfohemists	
3016	No	Typic Sulfosaprists	

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SSURGO Metadata Version: 2.2.3

Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3017	No	Typic Sulfudepts	
3018	Yes	Typic Torrerts	
3019	No	Typic Torrifluvents	
3020	No	Typic Torrifolists	
3021	No	Typic Torriorthents	
3022	No	Typic Torripsamments	
3023	Yes	Typic Torrox	
3024	Yes	Typic Tropaqualfs	
3025	Yes	Typic Tropaquents	
3026	Yes	Typic Tropaquepts	
3027	Yes	Typic Tropofibrists	
3028	Yes	Typic Tropofluvents	
3029	Yes	Typic Tropofolists	
3030	Yes	Typic Tropohemists	
3031	Yes	Typic Tropohumods	
3032	Yes	Typic Tropohumults	
3033	Yes	Typic Tropopsamments	
3034	Yes	Typic Troporthents	
3035	Yes	Typic Troposaprists	
3036	Yes	Typic Tropudalfs	
3037	Yes	Typic Tropudults	
3038	No	Typic Udifluvents	
3039	No	Typic Udifolists	
3040	No	Typic Udipsamments	
3041	No	Typic Udivitrands	
3042	No	Typic Udorthents	
3043	Yes	Typic Umbraqualfs	
3044	No	Typic Umbraquults	
3045	No	Typic Umbriturbels	
3046	No	Typic Umbrorthels	
3047	No	Typic Ustifluvents	
3048	No	Typic Ustifolists	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3049	No	Typic Ustipsamments	
3050	No	Typic Ustivitrands	
3051	Yes	Typic Ustochrepts	
3052	No	Typic Ustorthents	
3053	Yes	Typic Ustropepts	
3054	No	Typic Vermaqualfs	
3055	No	Typic Vermaquepts	
3056	Yes	Typic Vermiborolls	
3057	No	Typic Vermudolls	
3058	No	Typic Vermustolls	
3059	Yes	Typic Vitrandepts	
3060	No	Typic Vitraquands	
3061	No	Typic Vitricryands	
3062	No	Typic Vitrigelands	
3063	No	Typic Vitritorrands	
3064	No	Typic Vitrixerands	
3065	Yes	Typic Xerochrepts	
3066	No	Typic Xerofluvents	
3067	No	Typic Xeropsamments	
3068	No	Typic Xerorthents	
3069	Yes	Typic Xerumbrepts	
3070	Yes	Udalfic	
3071	Yes	Udalfic Arents	
3072	Yes	Udalphic Argiustolls	
3073	No	Udandic Kandiustults	
3074	No	Udandic Kanhaplustults	
3075	Yes	Udarents	
3076	Yes	Udertic Argiborolls	
3077	No	Udertic Argiustolls	
3078	No	Udertic Calciustolls	
3079	Yes	Udertic Haploborolls	
3080	No	Udertic Haplustalfs	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3081	No	Udertic Haplustepts	
3082	No	Udertic Haplustolls	
3083	Yes	Udertic Natriborolls	
3084	No	Udertic Paleustalfs	
3085	No	Udertic Paleustolls	
3086	Yes	Udertic Ustochrepts	
3087	Yes	Udic Argiborolls	
3088	No	Udic Argiustolls	
3089	Yes	Udic Calciborolls	
3090	No	Udic Calciustepts	
3091	No	Udic Calciusterts	
3092	No	Udic Calciustolls	
3093	Yes	Udic Chromusterts	
3094	No	Udic Durixererts	
3095	No	Udic Dystrusterts	
3096	Yes	Udic Eutrandepts	
3097	No	Udic Gypsiusterts	
3098	Yes	Udic Haploborolls	
3099	No	Udic Haploxererts	
3100	No	Udic Haplustalfs	
3101	No	Udic Haplustepts	
3102	No	Udic Haplusterts	
3103	No	Udic Haplustolls	
3104	No	Udic Kandiustalfs	
3105	No	Udic Kandiustults	
3106	No	Udic Kanhaplustalfs	
3107	No	Udic Kanhaplustults	
3108	Yes	Udic Natriborolls	
3109	No	Udic Paleustalfs	
3110	No	Udic Paleustolls	
3111	Yes	Udic Pellusterts	
3112	No	Udic Rhodustalfs	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3113	No	Udic Ustifluvents	
3114	Yes	Udic Ustochrepts	
3115	No	Udic Ustorthents	
3116	Yes	Udic Vermiborolls	
3117	No	Udifluventic Haplustepts	
3118	Yes	Udifluventic Ustochrepts	
3119	No	Udollic Albaqualfs	
3120	No	Udollic Endoaqualfs	
3121	No	Udollic Epiaqualfs	
3122	Yes	Udollic Ochraqualfs	
3123	Yes	Udorthentic Chromusterts	
3124	Yes	Udorthentic Haploborolls	
3125	No	Udorthentic Haplustolls	
3126	Yes	Udorthentic Pellusterts	
3127	No	Udoxic Quartzipsamments	
3128	No	Ultic Alaquods	
3129	No	Ultic Alorthods	
3130	No	Ultic Argixerolls	
3131	No	Ultic Epiaquods	
3132	No	Ultic Fragiorthods	
3133	No	Ultic Fulvudands	
3134	Yes	Ultic Haplaquods	
3135	Yes	Ultic Haplohumods	
3136	No	Ultic Haplorthods	
3137	No	Ultic Haploxeralfs	
3138	No	Ultic Haploxerands	
3139	No	Ultic Haploxerolls	
3140	No	Ultic Hapludalfs	
3141	No	Ultic Hapludands	
3142	No	Ultic Haplustalfs	
3143	No	Ultic Haplustands	
3144	Yes	Ultic Haplustox	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3145	No	Ultic Hydrudands	
3146	No	Ultic Melanudands	
3147	No	Ultic Paleustalfs	
3148	No	Ultic Palexeralfs	
3149	No	Ultic Palexerolls	
3150	Yes	Ultic Tropudalfs	
3151	No	Ultic Udarents	
3152	No	Ultic Udivitrands	
3153	Yes	Ultic Vitric	
3154	Yes	Ultic Vitric Haploxerands	
3155	No	Ultic Vitricryands	
3156	No	Ultic Vitrixerands	
3157	Yes	Umbreptic Eutroperox	
3158	Yes	Umbreptic Eutrudox	
3159	Yes	Umbreptic Eutrustox	
3160	Yes	Umbreptic Fragiudalfs	
3161	No	Umbric Albaqualfs	
3162	Yes	Umbric Dystrochrepts	
3163	Yes	Umbric Dystropepts	
3164	No	Umbric Endoaqualfs	
3165	No	Umbric Endoaquods	
3166	No	Umbric Epiaqualfs	
3167	No	Umbric Epiaquods	
3168	Yes	Umbric Fragiaqualfs	
3169	No	Umbric Fragiaquults	
3170	Yes	Umbric Fragiochrepts	
3171	No	Umbric Glossocryalfs	
3172	No	Umbric Haplocryalfs	
3173	Yes	Umbric Haploxerands	
3174	Yes	Umbric Haplustands	
3175	No	Umbric Kandiaqualfs	
3176	No	Umbric Kandiaquults	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3177	No	Umbric Kanhaplaquults	
3178	Yes	Umbric Ochraqualfs	
3179	No	Umbric Paleaquults	
3180	No	Umbric Palecryalfs	
3181	Yes	Umbric Vitrandepts	
3182	Yes	Umbric Vitrixerands	
3183	No	Umbric Xeric Glossocryalfs	
3184	No	Umbric Xeric Haplocryalfs	
3185	Yes	Ustalfic Argiustolls	
3186	Yes	Ustalfic Durargids	
3187	Yes	Ustalfic Haplargids	
3188	Yes	Ustalfic Paleargids	
3189	No	Ustalfic Petrocalcids	
3190	Yes	Ustandic Humitropepts	
3191	No	Ustandic Kandihumults	
3192	No	Ustandic Kanhaplohumults	
3193	Yes	Ustertic Argiborolls	
3194	No	Ustertic Calciargids	
3195	Yes	Ustertic Camborthids	
3196	No	Ustertic Haplargids	
3197	No	Ustertic Haplocambids	
3198	No	Ustertic Natrargids	
3199	No	Ustertic Torrifluvents	
3200	No	Ustertic Torriorthents	
3201	No	Ustic Aquicambids	
3202	No	Ustic Argicryids	
3203	No	Ustic Argicryolls	
3204	No	Ustic Argidurids	
3205	No	Ustic Argigypsids	
3206	No	Ustic Calciargids	
3207	No	Ustic Calcicryepts	
3208	No	Ustic Calcicryids	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3209	No	Ustic Calcicryolls	
3210	No	Ustic Calcigypsids	
3211	Yes	Ustic Calciorthids	
3212	No	Ustic Duraquerts	
3213	Yes	Ustic Durochrepts	
3214	No	Ustic Dystraquerts	
3215	No	Ustic Dystrocryepts	
3216	Yes	Ustic Dystropepts	
3217	No	Ustic Endoaquerts	
3218	No	Ustic Epiaquerts	
3219	Yes	Ustic Eutrocryepts	
3220	No	Ustic Glossocryalfs	
3221	No	Ustic Gypsiargids	
3222	No	Ustic Haplargids	
3223	No	Ustic Haplocalcids	
3224	No	Ustic Haplocambids	
3225	No	Ustic Haplocryalfs	
3226	No	Ustic Haplocryepts	
3227	No	Ustic Haplocryids	
3228	No	Ustic Haplocryolls	
3229	No	Ustic Haplodurids	
3230	No	Ustic Haplogypsids	
3231	No	Ustic Haplohumults	
3232	Yes	Ustic Humitropepts	
3233	No	Ustic Kandihumults	
3234	No	Ustic Kanhaplohumults	
3235	No	Ustic Natrargids	
3236	No	Ustic Natrigypsids	
3237	No	Ustic Paleargids	
3238	No	Ustic Palecryalfs	
3239	No	Ustic Palecryolls	
3240	No	Ustic Palehumults	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3241	No	Ustic Petroargids	
3242	No	Ustic Petrocalcids	
3243	No	Ustic Petrocambids	
3244	No	Ustic Petrocryids	
3245	No	Ustic Petrogypsids	
3246	No	Ustic Quartzipsamments	
3247	No	Ustic Salaquerts	
3248	No	Ustic Torrifluvents	
3249	No	Ustic Torriorthents	
3250	No	Ustic Torripsamments	
3251	Yes	Ustic Tropohumults	
3252	No	Ustifluventic Haplocambids	
3253	Yes	Ustivitrandic Camborthids	
3254	Yes	Ustivitrandic Durargids	
3255	Yes	Ustivitrandic Durorthids	
3256	No	Ustivitrandic Haplocryepts	
3257	Yes	Ustochreptic Calciorthids	
3258	Yes	Ustochreptic Camborthids	
3259	Yes	Ustochreptic Durorthids	
3260	Yes	Ustochreptic Paleorthids	
3261	Yes	Ustollic Calciorthids	
3262	Yes	Ustollic Camborthids	
3263	Yes	Ustollic Durorthids	
3264	Yes	Ustollic Eutrandepts	
3265	No	Ustollic Glossocryalfs	
3266	Yes	Ustollic Haplargids	
3267	No	Ustollic Haplocryalfs	
3268	Yes	Ustollic Natrargids	
3269	Yes	Ustollic Paleargids	
3270	Yes	Ustollic Paleorthids	
3271	Yes	Ustoxic Dystropepts	
3272	Yes	Ustoxic Humitropepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3273	No	Ustoxic Quartzipsamments	
3274	Yes	Ustoxic Tropohumults	
3275	No	Vermic Calcixerolls	
3276	No	Vermic Fragiaqualfs	
3277	No	Vermic Haploxerolls	
3278	No	Vermic Hapludolls	
3279	No	Vermic Natraqualfs	
3280	No	Vermic Udorthents	
3281	No	Vermic Ustorthents	
3282	No	Vertic Albaqualfs	
3283	No	Vertic Albaquults	
3284	No	Vertic Argialbolls	
3285	No	Vertic Argiaquolls	
3286	Yes	Vertic Argiborolls	
3287	No	Vertic Argicryids	
3288	No	Vertic Argicryolls	
3289	No	Vertic Argidurids	
3290	No	Vertic Argigypsids	
3291	No	Vertic Argiudolls	
3292	No	Vertic Argiustolls	
3293	No	Vertic Argixerolls	
3294	No	Vertic Calciargids	
3295	No	Vertic Calciudolls	
3296	No	Vertic Calciustepts	
3297	No	Vertic Calciustolls	
3298	No	Vertic Calcixerepts	
3299	No	Vertic Calcixerolls	
3300	Yes	Vertic Camborthids	
3301	No	Vertic Cryaquepts	
3302	No	Vertic Cryaquolls	
3303	Yes	Vertic Cryoboralfs	
3304	Yes	Vertic Cryoborolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3305	No	Vertic Duraquolls	
3306	Yes	Vertic Durargids	
3307	No	Vertic Durixeralfs	
3308	No	Vertic Durixerolls	
3309	Yes	Vertic Dystropepts	
3310	No	Vertic Dystrudepts	
3311	No	Vertic Dystrustepts	
3312	No	Vertic Endoaqualfs	
3313	No	Vertic Endoaquepts	
3314	No	Vertic Endoaquolls	
3315	No	Vertic Epiaqualfs	
3316	No	Vertic Epiaquepts	
3317	No	Vertic Epiaquolls	
3318	No	Vertic Epiaquults	
3319	Yes	Vertic Eutroboralfs	
3320	Yes	Vertic Eutrochrepts	
3321	Yes	Vertic Eutropepts	
3322	No	Vertic Eutrudepts	
3323	No	Vertic Fluvaquents	
3324	No	Vertic Glossocryalfs	
3325	No	Vertic Glossudalfs	
3326	No	Vertic Halaquepts	
3327	Yes	Vertic Haplaquepts	
3328	Yes	Vertic Haplaquolls	
3329	No	Vertic Haplargids	
3330	Yes	Vertic Haploborolls	
3331	No	Vertic Haplocalcids	
3332	No	Vertic Haplocambids	
3333	No	Vertic Haplocryalfs	
3334	No	Vertic Haplocryids	
3335	No	Vertic Haplocryolls	
3336	No	Vertic Haploxeralfs	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3337	No	Vertic Haploxerepts	
3338	No	Vertic Haploxerolls	
3339	No	Vertic Hapludalfs	
3340	No	Vertic Hapludolls	
3341	No	Vertic Hapludults	
3342	No	Vertic Haplustalfs	
3343	No	Vertic Haplustepts	
3344	No	Vertic Haplustolls	
3345	No	Vertic Haprendolls	
3346	Yes	Vertic Humitropepts	
3347	No	Vertic Molliturbels	
3348	No	Vertic Mollorthels	
3349	Yes	Vertic Nadurargids	
3350	No	Vertic Natraqualfs	
3351	No	Vertic Natraquolls	
3352	No	Vertic Natrargids	
3353	Yes	Vertic Natriborolls	
3354	No	Vertic Natridurids	
3355	No	Vertic Natrigypsids	
3356	No	Vertic Natrixeralfs	
3357	No	Vertic Natrixerolls	
3358	No	Vertic Natrudalfs	
3359	No	Vertic Natrudolls	
3360	No	Vertic Natrustalfs	
3361	No	Vertic Natrustolls	
3362	Yes	Vertic Ochraqualfs	
3363	No	Vertic Paleaquults	
3364	No	Vertic Paleargids	
3365	Yes	Vertic Paleborolls	
3366	No	Vertic Paleudalfs	
3367	No	Vertic Paleudolls	
3368	No	Vertic Paleudults	

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Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3369	No	Vertic Paleustalfs	
3370	No	Vertic Paleustolls	
3371	No	Vertic Palexeralfs	
3372	No	Vertic Palexerolls	
3373	Yes	Vertic Rendolls	
3374	No	Vertic Rhodoxeralfs	
3375	No	Vertic Torrifluvents	
3376	No	Vertic Torriorthents	
3377	Yes	Vertic Tropaquepts	
3378	Yes	Vertic Tropudalfs	
3379	No	Vertic Udifluvents	
3380	No	Vertic Umbriturbels	
3381	No	Vertic Umbrorthels	
3382	No	Vertic Ustifluvents	
3383	Yes	Vertic Ustochrepts	
3384	No	Vertic Ustorthents	
3385	Yes	Vertic Ustropepts	
3386	Yes	Vertic Xerochrepts	
3387	No	Vertic Xerofluvents	
3388	No	Vitrandic Aquicambids	
3389	No	Vitrandic Aquorthels	
3390	Yes	Vitrandic Argiborolls	
3391	No	Vitrandic Argicryids	
3392	No	Vitrandic Argicryolls	
3393	No	Vitrandic Argidurids	
3394	No	Vitrandic Argigypsids	
3395	No	Vitrandic Argiudolls	
3396	No	Vitrandic Argiustolls	
3397	No	Vitrandic Argixerolls	
3398	No	Vitrandic Calciargids	
3399	No	Vitrandic Calcicryids	
3400	No	Vitrandic Calcicryolls	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3401	No	Vitrandic Calcigypsids	
3402	No	Vitrandic Calcixerepts	
3403	No	Vitrandic Calcixerolls	
3404	Yes	Vitrandic Cryoboralfs	
3405	Yes	Vitrandic Cryoborolls	
3406	Yes	Vitrandic Cryochrepts	
3407	No	Vitrandic Cryofluvents	
3408	No	Vitrandic Cryopsamments	
3409	No	Vitrandic Cryorthents	
3410	Yes	Vitrandic Cryumbrepts	
3411	No	Vitrandic Durixerepts	
3412	No	Vitrandic Durixerolls	
3413	Yes	Vitrandic Durochrepts	
3414	No	Vitrandic Durudepts	
3415	Yes	Vitrandic Dystrochrepts	
3416	No	Vitrandic Dystrocryepts	
3417	Yes	Vitrandic Dystropepts	
3418	No	Vitrandic Dystroxerepts	
3419	No	Vitrandic Dystrudepts	
3420	No	Vitrandic Dystrustepts	
3421	Yes	Vitrandic Eutroboralfs	
3422	Yes	Vitrandic Eutrochrepts	
3423	Yes	Vitrandic Eutrocryepts	
3424	Yes	Vitrandic Eutropepts	
3425	No	Vitrandic Eutrudepts	
3426	Yes	Vitrandic Fragiboralfs	
3427	Yes	Vitrandic Fragiochrepts	
3428	No	Vitrandic Fragiudalfs	
3429	No	Vitrandic Fragiudepts	
3430	Yes	Vitrandic Fragiumbrepts	
3431	No	Vitrandic Fragixeralfs	
3432	No	Vitrandic Fragixerepts	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3433	No	Vitrandic Fraglossudalfs	
3434	Yes	Vitrandic Glossoboralfs	
3435	No	Vitrandic Glossocryalfs	
3436	No	Vitrandic Glossudalfs	
3437	No	Vitrandic Gypsiargids	
3438	No	Vitrandic Gypsicryids	
3439	No	Vitrandic Haplargids	
3440	Yes	Vitrandic Haploborolls	
3441	No	Vitrandic Haplocalcids	
3442	No	Vitrandic Haplocambids	
3443	No	Vitrandic Haplocryalfs	
3444	No	Vitrandic Haplocryepts	
3445	No	Vitrandic Haplocryids	
3446	No	Vitrandic Haplocryolls	
3447	No	Vitrandic Haplodurids	
3448	No	Vitrandic Haplogypsids	
3449	No	Vitrandic Haploxeralfs	
3450	No	Vitrandic Haploxerepts	
3451	No	Vitrandic Haploxerolls	
3452	No	Vitrandic Hapludalfs	
3453	No	Vitrandic Hapludolls	
3454	Yes	Vitrandic Haplumbrepts	
3455	No	Vitrandic Haplustalfs	
3456	No	Vitrandic Haplustepts	
3457	No	Vitrandic Haplustolls	
3458	No	Vitrandic Humicryepts	
3459	Yes	Vitrandic Humitropepts	
3460	No	Vitrandic Molliturbels	
3461	No	Vitrandic Mollorthels	
3462	No	Vitrandic Natrargids	
3463	No	Vitrandic Natridurids	
3464	No	Vitrandic Natrigypsids	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3465	No	Vitrandic Paleargids	
3466	Yes	Vitrandic Paleboralfs	
3467	No	Vitrandic Palecryalfs	
3468	No	Vitrandic Paleudalfs	
3469	No	Vitrandic Palexeralfs	
3470	No	Vitrandic Palexerolls	
3471	Yes	Vitrandic Petrocalcids	
3472	No	Vitrandic Petrocambids	
3473	No	Vitrandic Petrogypsids	
3474	No	Vitrandic Torrifluvents	
3475	No	Vitrandic Torriorthents	
3476	No	Vitrandic Torripsamments	
3477	Yes	Vitrandic Troporthents	
3478	No	Vitrandic Udifluvents	
3479	No	Vitrandic Udorthents	
3480	No	Vitrandic Umbriturbels	
3481	No	Vitrandic Umbrorthels	
3482	Yes	Vitrandic Ustochrepts	
3483	No	Vitrandic Ustorthents	
3484	Yes	Vitrandic Xerochrepts	
3485	No	Vitrandic Xerofluvents	
3486	No	Vitrandic Xeropsamments	
3487	No	Vitrandic Xerorthents	
3488	Yes	Vitrandic Xerumbrepts	
3489	No	Vitric Duritorrands	
3490	No	Vitric Fulvicryands	
3491	No	Vitric Haplocryands	
3492	Yes	Vitric Haploxerands	
3493	No	Vitric Hapludands	
3494	No	Vitric Haplustands	
3495	No	Vitric Melanocryands	
3496	No	Vitric Melanudands	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3497	Yes	Vitric Placudands	
3498	No	Vitritorrandic Argiustolls	
3499	No	Vitritorrandic Argixerolls	
3500	No	Vitritorrandic Durixerolls	
3501	No	Vitritorrandic Haploxerolls	
3502	No	Vitritorrandic Haplustolls	
3503	No	Vitritorrandic Ustorthents	
3504	No	Vitrixerandic Aquicambids	
3505	No	Vitrixerandic Argicryids	
3506	No	Vitrixerandic Argidurids	
3507	No	Vitrixerandic Argigypsids	
3508	No	Vitrixerandic Calciargids	
3509	No	Vitrixerandic Calcicryids	
3510	No	Vitrixerandic Calcigypsids	
3511	Yes	Vitrixerandic Camborthids	
3512	Yes	Vitrixerandic Durargids	
3513	Yes	Vitrixerandic Durorthids	
3514	No	Vitrixerandic Dystrocryepts	
3515	No	Vitrixerandic Gypsiargids	
3516	No	Vitrixerandic Gypsicryids	
3517	No	Vitrixerandic Haplargids	
3518	No	Vitrixerandic Haplocalcids	
3519	No	Vitrixerandic Haplocambids	
3520	No	Vitrixerandic Haplocryepts	
3521	No	Vitrixerandic Haplocryids	
3522	No	Vitrixerandic Haplodurids	
3523	No	Vitrixerandic Haplogypsids	
3524	No	Vitrixerandic Humicryepts	
3525	No	Vitrixerandic Natrargids	
3526	No	Vitrixerandic Natridurids	
3527	No	Vitrixerandic Natrigypsids	
3528	No	Vitrixerandic Paleargids	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3529	Yes	Vitrixerandic Petrocalcids	
3530	No	Vitrixerandic Petrocambids	
3531	No	Vitrixerandic Petrogypsids	
3532	No	Vitrixerandic Torrifluvents	
3533	Yes	Vitrustandic	
3534	No	Xanthic Acroperox	
3535	No	Xanthic Acrudox	
3536	No	Xanthic Acrustox	
3537	No	Xanthic Eutroperox	
3538	No	Xanthic Eutrudox	
3539	No	Xanthic Eutrustox	
3540	No	Xanthic Haploperox	
3541	No	Xanthic Hapludox	
3542	No	Xanthic Haplustox	
3543	No	Xanthic Kandiperox	
3544	No	Xanthic Kandiudox	
3545	No	Xanthic Kandiustox	
3546	Yes	Xeralfic Haplargids	
3547	Yes	Xeralfic Paleargids	
3548	Yes	Xeralfic Paleorthids	
3549	No	Xeralfic Petrocalcids	
3550	Yes	Xerarents	
3551	No	Xereptic Haplodurids	
3552	No	Xereptic Petrocryids	
3553	No	Xerertic Argialbolls	
3554	No	Xerertic Calciargids	
3555	Yes	Xerertic Camborthids	
3556	No	Xerertic Haplargids	
3557	No	Xerertic Haplocambids	
3558	No	Xerertic Natrargids	
3559	No	Xerertic Torriorthents	
3560	No	Xeric Aquicambids	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3561	No	Xeric Argialbolls	
3562	No	Xeric Argicryids	
3563	No	Xeric Argicryolls	
3564	No	Xeric Argidurids	
3565	No	Xeric Argigypsids	
3566	No	Xeric Calciargids	
3567	No	Xeric Calcicryepts	
3568	No	Xeric Calcicryids	
3569	No	Xeric Calcicryolls	
3570	No	Xeric Calcigypsids	
3571	Yes	Xeric Durandepts	
3572	No	Xeric Duraquerts	
3573	No	Xeric Dystrocryepts	
3574	No	Xeric Endoaquerts	
3575	No	Xeric Epiaquerts	
3576	Yes	Xeric Eutrocryepts	
3577	No	Xeric Glossocryalfs	
3578	No	Xeric Gypsiargids	
3579	No	Xeric Haplargids	
3580	No	Xeric Haplocalcids	
3581	No	Xeric Haplocambids	
3582	No	Xeric Haplocryalfs	
3583	No	Xeric Haplocryands	
3584	No	Xeric Haplocryepts	
3585	No	Xeric Haplocryids	
3586	No	Xeric Haplocryolls	
3587	No	Xeric Haplodurids	
3588	No	Xeric Haplogypsids	
3589	No	Xeric Haplohumults	
3590	No	Xeric Humicryepts	
3591	No	Xeric Kandihumults	
3592	No	Xeric Kanhaplohumults	

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Domain Name: **taxonomic_subgroup**

Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3593	No	Xeric Natrargids	
3594	No	Xeric Natridurids	
3595	No	Xeric Natrigypsids	
3596	No	Xeric Paleargids	
3597	No	Xeric Palecryalfs	
3598	No	Xeric Palecryolls	
3599	No	Xeric Palehumults	
3600	No	Xeric Petroargids	
3601	No	Xeric Petrocalcids	
3602	No	Xeric Petrocambids	
3603	No	Xeric Petrocryids	
3604	No	Xeric Petrogypsids	
3605	No	Xeric Quartzipsamments	
3606	No	Xeric Torrifluvents	
3607	No	Xeric Torriorthents	
3608	No	Xeric Torripsamments	
3609	No	Xeric Vitricryands	
3610	Yes	Xerochreptic Calciorthids	
3611	Yes	Xerochreptic Camborthids	
3612	Yes	Xerochreptic Durorthids	
3613	Yes	Xerochreptic Haplodurids	
3614	Yes	Xerochreptic Paleorthids	
3615	No	Xerofluventic Haplocambids	
3616	Yes	Xerollic Calciorthids	
3617	Yes	Xerollic Camborthids	
3618	Yes	Xerollic Durargids	
3619	Yes	Xerollic Durorthids	
3620	No	Xerollic Glossocryalfs	
3621	Yes	Xerollic Haplargids	
3622	No	Xerollic Haplocryalfs	
3623	Yes	Xerollic Nadurargids	
3624	Yes	Xerollic Natrargids	

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Domain Name: **taxonomic_subgroup** Length of Longest Choice Value: 39

Seq	Obsolete?	Choice Value	Choice Description
3625	Yes	Xerollic Paleargids	
3626	Yes	Xerollic Paleorthids	

Domain Name: **taxonomic_suborder** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
1	No	Albolls	
2	Yes	Andepts	
3	No	Anthrepts	
4	No	Aqualfs	
5	No	Aquands	
6	No	Aquents	
7	No	Aquepts	
8	No	Aquerts	
9	No	Aquods	
10	No	Aquolls	
11	No	Aquox	
12	No	Aquults	
13	No	Arents	
14	No	Argids	
15	Yes	Boralfs	
16	Yes	Borolls	
17	No	Calcids	
18	No	Cambids	
19	No	Cryalfs	
20	No	Cryands	
21	No	Cryepts	
22	No	Cryerts	
23	No	Cryids	
24	No	Cryods	
25	No	Cryolls	
26	No	Durids	

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Domain Name: **taxonomic_suborder**

Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
27	Yes	Ferrods	
28	No	Fibrists	
29	No	Fluvents	
30	No	Folists	
31	No	Gelands	
32	No	Gelepts	
33	No	Gelods	
34	No	Gelolls	
35	No	Gypsids	
36	No	Hemists	
37	No	Histels	
38	No	Humods	
39	Yes	Humox	
40	No	Humults	
41	Yes	Ochrepts	
42	No	Orthels	
43	No	Orthents	
44	Yes	Orthids	
45	No	Orthods	
46	Yes	Orthox	
47	No	Perox	
48	Yes	Plaggepts	
49	No	Psamments	
50	No	Rendolls	
51	No	Salids	
52	No	Saprists	
53	No	Torrands	
54	No	Torrerts	
55	No	Torrox	
56	Yes	Tropepts	
57	No	Turbels	
58	No	Udalfs	

Domain Name: **taxonomic_suborder**

Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
59	No	Udands	
60	No	Udepts	
61	No	Uderts	
62	No	Udolls	
63	No	Udox	
64	No	Udults	
65	Yes	Umbrepts	
66	No	Ustalfs	
67	No	Ustands	
68	No	Ustepts	
69	No	Usterts	
70	No	Ustolls	
71	No	Ustox	
72	No	Ustults	
73	No	Vitrands	
74	No	Xeralfs	
75	No	Xerands	
76	No	Xerepts	
77	No	Xererts	
78	No	Xerolls	
79	No	Xerults	

Domain Name: **taxonomic_temp_regime**

Length of Longest Choice Value: 19

Seq	Obsolete?	Choice Value	Choice Description
1	No	cryic	
2	Yes	Cryic (PDP code)	
3	No	frigid	
4	No	hyperthermic	
5	No	isofrigid	
6	No	isohyperthermic	
7	No	isomesic	

Domain Name: **taxonomic_temp_regime** Length of Longest Choice Value: 19

Seq	Obsolete?	Choice Value	Choice Description
8	No	isothermic	
9	No	mesic	
10	Yes	pergelic	
11	Yes	Pergelic (PDP code)	
12	No	thermic	

Domain Name: **terms_used_in_lieu_of_texture** Length of Longest Choice Value: 36

Seq	Obsolete?	Choice Value	Choice Description
1	Yes	Ashy-pumiceous	*Ashy-pumiceous*
2	No	Artifacts	*Dominated by human artifacts with too little fine-earth to determine the textural class (less than about 10 percent fine-earth, by volume)*
3	Yes	Ashy	*Ashy*
4	Yes	Ashy-skeletal	*Ashy-skeletal*
5	No	Bedrock	*Bedrock*
6	No	Boulders	*Boulders*
7	No	Cobbles	*Cobbles*
8	Yes	Coprogenous earth	*Coprogenous earth*
9	Yes	Cemented	*Cemented*
10	Yes	Cinders	*Cindery*
11	No	Channers	*Channers*
12	Yes	Cindery	*Cindery*
13	Yes	Consolidated permafrost (ice rich)	*Consolidated permafrost (ice rich)*
14	Yes	Diatomaceous earth	*Diatomaceous earth*
15	Yes	Duripan	*Duripan*
16	No	Flagstones	*Flagstones*
17	Yes	Fragmental material	*Fragmental material*
18	No	Gravel	*Gravel*
19	Yes	Gypsiferous material	*Gypsiferous material*
20	No	Highly decomposed plant material	*Highly decomposed plant material that is saturated with water for less than 30 cumulative days in normal years (and is not artificially drained).*
21	Yes	Hydrous-pumiceous	*Hydrous-pumiceous*

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Domain Name: **terms_used_in_lieu_of_texture** Length of Longest Choice Value: 36

Seq	Obsolete?	Choice Value	Choice Description
22	Yes	Hydrous-skeletal	*Hydrous-skeletal*
23	Yes	Hydrous	*Hydrous*
24	Yes	Indurated	*Indurated*
25	Yes	Marl	*Marl*
26	No	Material	*Material*
27	Yes	Medial	*Medial*
28	No	Moderately decomposed plant material	*Moderately decomposed plant material that is saturated with water for less than 30 cumulative days in normal years (and is not artificially drained).*
29	No	Mucky peat	*Moderately decomposed organic material of any thickness that is saturated with water for 30 or more cumulative days in normal years (or is artificially drained), including that in Histels and Histosols, except for Folists.*
30	Yes	Medial-pumiceous	*Medial-pumiceous*
31	Yes	Medial-skeletal	*Medial-skeletal*
32	No	Muck	*Highly decomposed organic material of any thickness that is saturated with water for 30 or more cumulative days in normal years (or is artificially drained), including that in Histels and Histosols, except for Folists.*
33	Yes	Oxide protected weathered bedrock	*Oxide protected weathered bedrock*
34	Yes	Ortstein	*Ortstein*
35	No	Paraboulders	*Paraboulders*
36	Yes	Petrocalcic	*Petrocalcic*
37	No	Paracobbles	*Paracobbles*
38	No	Parachanners	*Parachanners*
39	Yes	Partially decomposed organic matter	*Partially decomposed organic matter.*
40	No	Peat	*Slightly decomposed organic material of any thickness that is saturated with water for 30 or more cumulative days in normal years (or is artificially drained), including that in Histels and Histosols, except for Folists.*
41	Yes	Petroferric	*Petroferric*
42	No	Paraflagstones	*Paraflagstones*
43	No	Paragravel	*Paragravel*
44	Yes	Petrogypsic	*Petrogypsic*
45	Yes	Placic	*Placic*
46	No	Parastones	*Parastones*
47	Yes	Pumiceous	*Pumiceous*
48	Yes	Sand and gravel	*Sand and gravel*

Domain Name: **terms_used_in_lieu_of_texture** Length of Longest Choice Value: 36

Seq	Obsolete?	Choice Value	Choice Description
49	No	Slightly decomposed plant material	*Slightly decomposed plant material that is saturated with water for less than 30 cumulative days in normal years (and is not artificially drained).*
50	No	Stones	*Stones*
51	Yes	Unknown texture	*Unknown texture*
52	Yes	Undecomposed organic matter	*Undecomposed organic matter*
53	Yes	Unweathered bedrock	*Unweathered bedrock*
54	Yes	Variable	*Variable*
55	No	Water	*Water*
56	Yes	Weathered bedrock	*Weathered bedrock*

Domain Name: **texture_class** Length of Longest Choice Value: 20

Seq	Obsolete?	Choice Value	Choice Description
1	No	Clay	
2	No	Clay loam	
3	No	Coarse sand	
4	No	Coarse sandy loam	
5	No	Fine sand	
6	No	Fine sandy loam	
7	No	Loam	
8	No	Loamy coarse sand	
9	No	Loamy fine sand	
10	No	Loamy sand	
11	No	Loamy very fine sand	
12	No	Sand	
13	No	Sandy clay	
14	No	Sandy clay loam	
15	No	Silt	
16	No	Silty clay	
17	No	Silty clay loam	
18	No	Silt loam	

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Domain Name: **texture_class** Length of Longest Choice Value: 20

Seq	Obsolete?	Choice Value	Choice Description
19	No	Sandy loam	
20	No	Very fine sand	
21	No	Very fine sandy loam	

Domain Name: **texture_modifier** Length of Longest Choice Value: 22

Seq	Obsolete?	Choice Value	Choice Description
1	No	Artifactual	*15 to 35 percent human artifacts, by volume*
2	No	Very artifactual	*35 to 60 percent human artifacts, by volume*
3	No	Extremely artifactual	*60 to 90 percent human artifacts, by volume*
4	No	Ashy	*Ashy*
5	No	Bouldery	*Bouldery*
6	No	Very bouldery	*Very bouldery*
7	No	Extremely bouldery	*Extremely bouldery*
8	No	Cobbly	*Cobbly*
9	Yes	Angular cobbly	*Angular cobbly*
10	No	Very cobbly	*Very cobbly*
11	No	Extremely cobbly	*Extremely cobbly*
12	No	Cemented	*The material being modified is cemented by one or more cementing agents such that it does not slake in water.*
13	No	Channery	*Channery*
14	No	Very channery	*Very channery*
15	No	Extremely channery	*Extremely channery*
16	No	Coprogenous	*Coprogenous*
17	Yes	Cherty	
18	Yes	Very cherty	
19	Yes	Extremely cherty	
20	Yes	Cindery	
21	No	Diatomaceous	*Diatomaceous*
22	No	Flaggy	*Flaggy*
23	No	Very flaggy	*Very flaggy*
24	No	Extremely flaggy	*Extremely flaggy*
25	No	Gravelly	*Gravelly*

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Domain Name: **texture_modifier**

Length of Longest Choice Value: 22

Seq	Obsolete?	Choice Value	Choice Description
26	No	Coarse gravelly	*Coarse gravelly*
27	No	Fine gravelly	*Fine gravelly*
28	No	Medium gravelly	*Medium gravelly*
29	No	Very gravelly	*Very gravelly*
30	No	Extremely gravelly	*Extremely gravelly*
31	No	Grassy	*Grassy*
32	Yes	Gritty	
33	No	Gypsiferous	*Gypsiferous*
34	No	Herbaceous	*Herbaceous*
35	Yes	Hemic	
36	No	Highly organic	*Highly organic is used to modify near surface horizons of mineral soils that are saturated with water for less than 30 cumulative days in normal years (and are not artificially drained). Excluding live roots, the horizon has organic carbon content (by weight) of: 5 to < 20 percent if the mineral fraction contains no clay; or 12 to < 20 percent if the mineral fraction contains 60 percent or more clay; or ((5 + (clay percentage multiplied by 0.12)) to < 20 percent if the mineral fraction contains less than 60 percent clay. The organic material is at least partially decomposed.*
37	No	Hydrous	*Hydrous*
38	Yes	Indurated	
39	No	Medial	*Medial*
40	No	Mucky	*Mucky is used to modify near surface horizons of mineral soils that are saturated with water for 30 or more cumulative days in normal years (or are artificially drained). An example is mucky loam. Excluding live roots, the horizon has organic carbon content (by weight) of 5 to < 12 percent if the mineral fraction contains no clay; or 12 to < 18 percent if the mineral fraction contains 60 percent or more clay; or (5 + (clay percentage multiplied by 0.12)) to < (12 + (clay percentage multiplied by 0.10)) if the mineral fraction contains less than 60 percent clay. The organic material is highly decomposed.*
41	Yes	Mucky*	
42	No	Marly	*Marly*
43	No	Mossy	*Mossy*
44	No	Paraboulder y	*Paraboulder y*
45	No	Very paraboulder y	*Very paraboulder y*
46	No	Extremely paraboulder y	*Extremely paraboulder y*
47	No	Paracobbly	*Paracobbly*
48	No	Very paracobbly	*Very paracobbly*
49	No	Extremely paracobbly	*Extremely paracobbly*
50	No	Parachannery	*Parachannery*
51	No	Very parachannery	*Very parachannery*
52	No	Extremely parachannery	*Extremely parachannery*

Domain Name: **texture_modifier** Length of Longest Choice Value: 22

Seq	Obsolete?	Choice Value	Choice Description
53	No	Permanently frozen	*Permanently frozen*
54	No	Paraflaggy	*Paraflaggy*
55	No	Very paraflaggy	*Very paraflaggy*
56	No	Extremely paraflaggy	*Extremely paraflaggy*
57	No	Paragravelly	*Paragravelly*
58	No	Very paragravelly	*Very paragravelly*
59	No	Extremely paragravelly	*Extremely paragravelly*
60	No	Parastony	*Parastony*
61	No	Very parastony	*Very parastony*
62	No	Extremely parastony	*Extremely parastony*
63	No	Peaty	*Peaty is used to modify near surface horizons of mineral soils that are saturated with water for 30 or more cumulative days in normal years (or are artificially drained). An example is peaty loam. Excluding live roots, the horizon has organic carbon content (by weight) of: 5 to < 12 percent if the mineral fraction contains no clay; or 12 to < 18 percent if the mineral fraction contains 60 percent or more clay; or (5 + (clay percentage multiplied by 0.12)) to < (12 + (clay percentage multiplied by 0.10)) if the mineral fraction contains less than 60 percent clay. The organic material is slightly decomposed.*
64	Yes	Shaly	
65	Yes	Very shaly	
66	Yes	Extremely shaly	
67	Yes	Stratified	*Stratified*
68	No	Stony	*Stony*
69	No	Very stony	*Very stony*
70	No	Extremely stony	*Extremely stony*
71	Yes	slaty	
72	Yes	Very slaty	
73	Yes	Extremely slaty	
74	No	Woody	*Woody*

Domain Name: **tiebreakrule** Length of Longest Choice Value: 19

Seq	Obsolete?	Choice Value	Choice Description
1	No	Select Lower Value	
2	No	Select Higher Value	

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Domain Name: **unified_soil_classification**

Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
1	No	CH	*FINE-GRAINED SOILS, Silts and clays (liquid limit is 50% or more), Fat Clay.*
2	No	CL	*FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Lean Clay.*
3	No	CL-A (proposed)	
4	No	CL-K (proposed)	
5	No	CL-ML	
6	No	CL-O (proposed)	
7	No	CL-T (proposed)	
8	No	GC	*COARSE-GRAINED SOILS, Gravels, gravel with fines, Clayey Gravel.*
9	No	GC-GM	
10	No	GM	*COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel*
11	No	GP	*COARSE-GRAINED SOILS, Gravels, clean gravels, Poorly Graded Gravel.*
12	No	GP-GC	
13	No	GP-GM	
14	No	GW	*COARSE-GRAINED SOILS, Gravels, clean gravels, Well-Graded Gravel.*
15	No	GW-GC	
16	No	GW-GM	
17	No	MH	*FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Elastic Silt.*
18	No	MH-A (proposed)	
19	No	MH-K (proposed)	
20	No	MH-O (proposed)	
21	No	MH-T (proposed)	
22	No	ML	*FINE-GRAINED SOILS, Silts and clays, (liquid limit is less than 50%), Silt.*
23	No	ML-A (proposed)	
24	No	ML-K (proposed)	
25	No	ML-O (proposed)	
26	No	ML-T (proposed)	
27	No	OH	*FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Organic Clay or Organic Silt*
28	No	OH-T (proposed)	
29	No	OL	*FINE-GRAINED SOILS, Silts and clays (liquid limit is less than 50%), Organic Clay or Organic Silt.*
30	No	PT	*Highly organic soils, Peat.*
31	No	SC	*COARSE-GRAINED SOILS, Sands, sands with fines, Clayey Sand.*
32	No	SC-SM	

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Domain Name: **unified_soil_classification** Length of Longest Choice Value: 15

Seq	Obsolete?	Choice Value	Choice Description
33	No	SM	*COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.*
34	No	SP	*COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly Graded Sand,*
35	No	SP-SC	
36	No	SP-SM	
37	No	SW	*COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded Sand.*
38	No	SW-SC	
39	No	SW-SM	

Domain Name: **va_soil_management_group** Length of Longest Choice Value: 2

Seq	Obsolete?	Choice Value	Choice Description
1	No	QQ	
2	No	PP	
3	No	OO	
4	No	NN	
5	No	MM	
6	No	LL	
7	No	KK	
8	No	JJ	
9	No	II	
10	No	HH	
11	No	GG	
12	No	FF	
13	No	EE	
14	No	DD	
15	No	CC	
16	No	BB	
17	No	AA	
18	No	Z	
19	No	Y	
20	No	X	
21	No	W	

Domain Name: **va_soil_management_group** Length of Longest Choice Value: 2

Seq	Obsolete?	Choice Value	Choice Description
22	No	V	
23	No	U	
24	No	T	
25	No	S	
26	No	R	
27	No	Q	
28	No	P	
29	No	O	
30	No	N	
31	No	M	
32	No	L	
33	No	K	
34	No	J	
35	No	I	
36	No	H	
37	No	G	
38	No	F	
39	No	E	
40	No	D	
41	No	C	
42	No	B	
43	No	A	

Domain Name: **va_soil_productivity_group** Length of Longest Choice Value: 4

Seq	Obsolete?	Choice Value	Choice Description
1	No	NS	*Not suited.*
2	No	Vb	
3	No	Va	
4	No	V	
5	No	IVb	
6	No	IVa	

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Domain Name: **va_soil_productivity_group** Length of Longest Choice Value: 4

Seq	Obsolete?	Choice Value	Choice Description
7	No	IV	
8	No	IIIb	
9	No	IIIa	
10	No	III	
11	No	IIb	
12	No	IIa	
13	No	II	
14	No	Ib	
15	No	Ia	
16	No	I	

Domain Name: **vt_septic_system_class** Length of Longest Choice Value: 29

Seq	Obsolete?	Choice Value	Choice Description
1	No	Conventional/Soil Replacement	*Map units that will support a conventional inground septic system with some soil backfilling of finer textured soil material.*
2	No	Conventional	*Map units will support a conventional inground septic system with little or no site modification.*
3	No	Mound	*Mapunits that normally require a mound system.*
4	No	Test, Mound, Curtain Drain	*Map units that normally require a mound septic system with a curtain drain.*
5	No	Marginally Suitable	*Map units with soil conditions that make it difficult to locate an acceptable site for a septic system.*
6	No	Unsuitable	*Map units that are unsuitable for a septic system.*
7	No	Not Rated	*Map units that are not rated because of lack of soil material.*

Domain Name: **wildlife_rating** Length of Longest Choice Value: 9

Seq	Obsolete?	Choice Value	Choice Description
1	No	Very poor	
2	No	Poor	
3	No	Fair	
4	No	Good	

Domain Name: **wind_erodibility_group** Length of Longest Choice Value: 2

Seq	Obsolete?	Choice Value	Choice Description
1	No	1	*Surface texture - Very fine sand, fine sand, sand or coarse sand. Percent aggregates - 1 to 7. Wind erodibility index - 160 to 310 t/a/yr, use 220 as average.*
2	No	2	*Surface texture - Loamy very fine sand, loamy fine sand, loamy sand, loamy coarse sand; very fine sandy loam and silt loam with 5 or less percent clay and 25 or less percent very fine sand; and sapric soil materials (as defined in Soil Taxonomy); except Folists. Percent aggregates - 10. Wind erodibility index - 134 t/a/yr.*
3	No	3	*Surface texture - Very fine sandy loam, fine sandy loam, sandy loam, coarse sandy loam, and noncalcareous silt loam that has 20 to 50 percent very fine sand and 5 to 12 percent clay. Percent aggregates - 25. Wind Erodibility Index - 86 t/a/yr.*
4	No	4	*Surface texture - Clay, silty clay, noncalcareous clay loam that has more than 35 percent clay, and noncalcareous silty clay loam that has more than 35 percent clay. All of these do not have sesquic, parasesquic, ferritic, ferruginous, or kaolinitic mineralogy (high iron oxide content). Percent aggregates - 25. Wind erodibility index - 86 t/a/yr.*
5	No	4L	*Surface texture - Calcareous loam, calcareous silt loam, calcareous silt, calcareous sandy clay, calcareous sandy clay loam, calcareous clay loam and calcareous silty clay loam. Percent aggregates - 25 .Wind Erodibility Index - 86 t/a/yr.*
6	No	5	*Surface texture - Noncalcareous loam that has less than 20 percent clay; noncalcareous silt loam with 12 to 20 percent clay; noncalcareous sandy clay loam; noncalcareous sandy clay; and hemic materials (as defined in Soil Taxonomy). Percent aggregates - 40. Wind Erodibility Index - 56 t/a/yr.*
7	No	6	*Surface texture - Noncalcareous loam and silt loam that have more than 20 percent clay; noncalcareous clay loam and noncalcareous silty clay loam that has less than 35 percent clay; silt loam that has parasesquic, ferritic, or kaolinitic mineralogy (high iron oxide content). Percent aggregates - 45. Wind Erodibility Index - 48 t/a/yr.*
8	No	7	*Surface texture - Noncalcareous silt; noncalcareous silty clay, noncalcareous silty clay loam, and noncalcareous clay that have sesquic, parasesquic, ferritic, ferruginous, or kaolinitic mineralogy (high content of iron oxide) and are Oxisols or Ultisols; and fibric material (as defined in Soil Taxonomy). Percent aggregates - 50. Wind Erodibility Index - 48 t/a/yr.*
9	No	8	*Soils not susceptible to wind erosion due to rock and pararock fragments at the surface and/or wetness; and Folists*

Domain Name: **wind_erodibility_index** Length of Longest Choice Value: 3

Seq	Obsolete?	Choice Value	Choice Description
1	No	0	*Soils not susceptible to wind erosion due to coarse fragments on the surface or wetness.*
2	No	38	*Silt, noncalcareous silty clay loam that has less than 35 percent clay content, and fibric organic soil material. Dry soil aggregates more than .84 mm are more than 50 percent by weight.*
3	No	48	*Noncalcareous loam and silt loam that has more than 20 percent clay content or noncalcareous clay loam that has less than 35 percent clay content. Dry soil aggregates more than .84 mm are 45 to 50 percent by weight.*
4	No	56	*Noncalcareous loam and silt loam that has less than 20 percent clay content or sandy clay loam, sandy clay, and hemic organic soil materials. Dry soil aggregates more than .84 mm are 40 to 45 percent by weight.*
5	No	86	*Very fine sandy loam, fine sandy loam, sandy loam, coarse sandy loam, or ash material. Clay, silty clay, noncalcareous clay loam, or noncalcareous silty clay loam that has more than 35 percent clay content. Calcareous loam and silt loam or calcareous clay loam and silty clay loam. Dry soil aggregates more than .84 mm are 25 to 40 percent by weight.*

SSURGO Metadata - Domains

SSURGO Metadata Version: 2.2.3

Domain Name: **wind_erodibility_index** Length of Longest Choice Value: 3

Seq	Obsolete?	Choice Value	Choice Description
6	No	134	*Loamy very fine sand, loamy fine sand, loamy sand, loamy coarse sand, or sapric organic soil material. Dry soil aggregates more than .84 mm are 10 to 25 percent by weight.*
7	No	160	*Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm are 7 to 10 percent by weight.*
8	No	180	*Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm are 5 to 7 percent by weight.*
9	No	220	*Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm area 3 to 5 percent by weight.*
10	No	250	*Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm are 1 percent by weight.*
11	No	310	*Very fine sand, fine sand, sand, or coarse sand. Dry soil aggregates more than .84 mm are 1 percent by weight.*

Domain Name: **windbreak_suitability_group** Length of Longest Choice Value: 4

Seq	Obsolete?	Choice Value	Choice Description
1	No	1	
2	No	1H	
3	No	1K	
4	Yes	1KW	
5	No	1KK	
6	No	2	
7	No	2K	
8	Yes	2KW	
9	No	2KK	
10	No	2H	
11	No	3	
12	No	4	
13	No	4K	
14	No	4C	
15	No	4CK	
16	No	5	
17	No	5K	
18	No	5KK	
19	No	6	
20	No	6K	
21	No	6KK	

SSURGO Metadata - Domains

SSURGO Metadata Version: 2.2.3

Domain Name: **windbreak_suitability_group**

Length of Longest Choice Value: 4

Seq	Obsolete?	Choice Value	Choice Description
22	No	6D	
23	No	6DK	
24	No	6G	
25	No	6GK	
26	No	6GKK	
27	No	7	
28	No	8	
29	No	8K	
30	Yes	9	
31	No	9C	
32	No	9W	
33	No	9L	
34	No	10	
35	No	1A	
36	No	2A	
37	No	1S	
38	No	1SK	
39	No	1SKK	
40	No	3A	
41	No	4A	
42	No	4CA	
43	No	4CC	
44	No	5A	
45	No	6A	
46	No	6DA	
47	No	6GA	
48	No	7A	
49	No	9N	
50	No	9NW	