Table 2.2. Soils Descriptions, Placer County

MUID	Soil Name	Slope Class	Soil Depth	Drainage	Landscape Position	Underlying material	Elevation	Erosion Potential	Native Vegetation	Limitations/Constraints
105	Alamo variant clay	2-15	Moderately deep	Somewhat poorly drained	Footslopes in valleys between volcanic ridges; rolling topography	Alluvium from mixed sources and colluvium and residuum from volcanic mudstone and andesite	100-200 ft	Slight to moderate	Annual grasses anf forbs	Wetness, low permeability, high shrink-swell potential, low strength
106	Andregg coarse sandy loam	2-9	Moderately deep	Well drained	Residuum on low hills in the Loomis Basin; gently rolling topography	Weathered granitic bedrock	200-1000 ft	Moderate	Annual grasses, forbs, blue and live oak, and scattered pines	Depth to bedrock, erosion,
107	Andregg coarse sandy loam	9-15	Moderately deep	Well drained	Residuum on low hills in the Loomis Basin; rolling topography	Weathered granitic bedrock	200-1000 ft	Moderate	Annual grasses, forbs, blue and live oak, and scattered pines	Depth to bedrock, erosion, steep slopes
108	Andregg coarse sandy loam	15-30	Moderately deep	Well drained	Residuum in the Loomis Basin; hilly topography	Weathered granitic bedrock	300-1000 ft	High	Annual grasses, forbs, blue and live oak, and scattered pines	High erosion potential (permanent cover needed), depth to bedrock, steep slopes
110	Andregg coarse sandy loam, rocky	15-30	Moderately deep	Well drained	Residuum in the Loomis Basin; hilly topography	Weathered granitic bedrock	300-1000 ft	High	Annual grasses, forbs, blue and live oak, and scattered pines	High erosion potential (permanent cover needed), depth to bedrock, steep slopes
111	Andregg coarse sandy loam, rocky	30-50	Moderately deep	Well drained	Residuum in the Loomis Basin; steep topography	Weathered granitic bedrock	500-1000 ft	High	Annual grasses, forbs, blue and live oak, and scattered pines	High erosion potential (permanent cover needed), depth to bedrock, steep slopes
112	Andregg-rock outcrop complex	5-30	Moderately deep	Well drained	Granitic uplands in the Loomis Basin near Folsom Lake; rolling to hilly topography	Granitic rock	200-1000 ft	Moderate to high	Annual grasses, forbs, blue and live oak, and scattered pines	Rock outcrops, high erosion potential, steep slopes, depth to bedrock
113	Andregg-shenandoah complex	2-15	Moderately deep	Somewhat poorly drained to well drained	Along the contact of the granitic and terrace soils; undulating to rolling topography	Granitic rock	200-500 ft	Slight to moderate	Annual grasses, forbs, and sedges	Wetness, impeding layer, low permeability, high shrink-swell potential, low soil strength, depth to bedrock
118	Auburn-Sobrante-silt loam	15-30	Shallow to moderately deep	Well drained	Metamorphic rock foothills; hilly topography	Metabasic bedrock	500-1600 ft	Moderate or high	Annual grasses, forbs, blue and live oak, and scattered pines	Depth to bedrock, high erosion potential, steep slopes

Table 2.2. Soils Descriptions, Placer County (Continued)

MUID	Soil Name	Slope Class	Soil Depth	Drainage	Landscape Position	Underlying material	Elevation	Erosion Potential	Native Vegetation	Limitations/Constraints
120	Auburn-Sobrante-rock outcrop complex	30-50	Shallow to moderately deep	Well drained	Rocky canyon sides of metamorphic rock foothills; steep topography	Metabasic bedrock	500-1600 ft	High	Annual grasses, forbs, blue and live oak, and scattered brush and pine	Steep slope, rock outcrops, soil slumping, low soil strength, high erosion potential
129	Caperton gravelly coarse sandy loam	2-30	Shallow	Somewhat excessively drained	Residuum on side slopes in the Folsom Lake-Loomis Basin area; undulating to hilly topography	Granitic rock	200-1000 ft	Moderate or high	Annual grasses, forbs, blue and live oak, and scattered brush	Depth to bedrock, steep slopes, high erosion potential
130	Caperton-Andregg coarse sandy loam	2-15	Shallow to moderately deep	Well drained to somewhat excessively drained	Granitic foothills in the Folsom Lake-Loomis Basin residuum; undulating to rolling topography	Granitic rock	200-1000 ft	Moderate	Annual grasses, forbs, blue and live oak, and scattered pines	Depth to bedrock, erosion potential
131	Caperton-Andregg coarse sandy loam	15-30	Shallow to moderately deep	Well drained to somewhat excessively drained	Granitic foothills in the Folsom Lake-Loomis Basin residuum; hilly topography	Granitic rock	200-1000 ft	High	Annual grasses, forbs, blue and live oak, and scattered pines	Depth to bedrock, high erosion potential, steep slope
132	Caperton-rock outcrop complex	2-30	Shallow	Somewhat excessively drained	Granitic foothills in the Folsom Lake-Loomis Basin residuum; undulating to rolling topography	Granitic rock	200-1000 ft	Moderate or high	Annual grasses, forbs, blue and live oak, and scattered brush	Depth to bedrock, high erosion potential, steep slope, rock outcrops
133	Caperton-rock outcrop complex	30-50	Shallow	Somewhat excessively drained	Granitic side slopes of volcanic ridges in the Loomis Basin; steep topography	Weathered granodiorite	300-1000 ft	High	Annual grasses, forbs, blue and live oak, and scattered brush	Steep slope, high erosion hazard, rock outcrops, depth to bedrock
140	Cometa sandy loam	1-5	Deep	Well drained	Low terraces	Alluvium from mainly granitic sources	75-200 ft	Slight	Annual grasses, forbs, and scattered oaks	Low permeability, shrink-swell potential, low soil strength, clay pan
141	Cometa-Fiddyment complex	1-5	Deep to moderately deep	Well drained	Low terraces	Alluvium from mainly granitic sources and old valley fill siltstone	75-200 ft	Slight	Annual grasses and forbs	Clay pan or hardpan, low permeability, low soil strength, shrink-swell potential

Table 2.2. Soils Descriptions, Placer County (Continued)

MUID	Soil Name	Slope Class	Soil Depth	Drainage	Landscape Position	Underlying material	Elevation	Erosion Potential	Native Vegetation	Limitations/Constraints
142	Cometa-Ramona sandy loam	1-5	Deep to very deep	Well drained	Low terraces	Alluvium from mainly granitic sources	75-200 ft	Slight	Annual grasses, forbs, and scattered oaks	Low permeability, shrink-swell potential, low soil strength
144	Exchequer very stony loam	2-15	Shallow	Somewhat excessively drained	Residuum on long, broad volcanic ridges	Hard andesitic breccia	100-2000 ft	Slight to moderate	Annual grasses, forbs, and scattered blue and live oaks	Stones, shallow depth to bedrock,
145	Exchequer-rock outcrop complex	2-30	Shallow	Somewhat excessively drained	Residuum on long, broad volcanic ridges and their side slopes	Hard andesitic breccia	100-2000 ft	Slight to high	Annual grasses, forbs, and scattered blue and live oaks	Steep slopes, rock outcrops, shallow depth to bedrock, stones
146	Fiddyment loam	1-8	Moderately deep	Well drained	Low terraces	Siltstone	75-135 ft	Slight to moderate	Annual grasses and forbs	Low permeability, hardpan, low soil strength
147	Fiddyment-Kaseberg loams	2-9	Shallow to moderately deep	Well drained	Low siltstone terraces; undulating to gently rolling topographys	Siltstone	75-135 ft	Slight to moderate	Annual grasses and forbs	Low permeability, hardpan, low soil strength, shallow depth
152	Inks cobbly loam	2-30	Shallow	Well drained	Residuum on long broad volcanic ridges and side slopess	Andesitic conglomerate	200-1000 ft	Sight to high	Annual grasses, forbs, and blue and live oaks	Steep slopes, shallow depth to bedrock, erosion potential
153	Inks cobbly loam	30-50	Shallow	Well drained	Residuum of side slopes of long, borad volcanic ridges	Andesitic conglomerate	200-1000 ft	High	Annual grasses, forbs, and blue and live oaks	Steep slopes, shallow depth to bedrock, erosion potential
154	Inks-Exchequer complex	2-25	Shallow	Well drained to somewhat excessively drained	Long broad volcanic ridges and side slopes	Residuum from andesitic conglomerate and hard andesitic breccia	200-1200 ft	Slight or moderate	Annual grasses, forbs, and blue and live oaks	Steep slopes, shallow depth to bedrock, erosion potential
155	Inks variant cobbly loam	2-30	Moderately deep to deep	Well drained	Residuum on long, broad volcanic ridges and side slopes	Andesitic conglomerate	800-1200 ft	Sight to high	Annual grasses, forbs, blue and live oaks, and scattered pines	Cobbles, steep slopes, erosion potential

Table 2.2. Soils Descriptions, Placer County (Continued)

173	Pits and dumps									
MUID	**Soil Name**	**Slope Class**	**Soil Depth**	**Drainage**	**Landscape Position**	**Underlying material**	**Elevation**	**Erosion Potential**	**Native Vegetation**	**Limitations/Constraints**
174	Ramona sandy loam	0-2	Very deep	Well drained	Alluvial bottoms and low terraces	Alluvium from primarily granitic sources	75-150 ft	Slight	Annual grasses, forbs, and scattered valley oaks	Low permeability subsoil
175	Ramona sandy loam	2-9	Very deep	Well drained	Streingers of higher ground on low terraces; undulating topography	Alluvium from primarily granitic sources	100-200 ft	Slight or moderate	Annual grasses, forbs, and scattered valley oaks	Low permeability, steep slopes
176	Redding and Corning gravelly loams	2-9	Moderately deep to very deep	Well drained	High terraces; undulating topography	Gravelly old valley fill from mixed sources and gravelly alluvium formed in old valley fill from mixed sources	100-240 ft	Slight or moderate	Annual grasses, forbs, and a few scattered oaks	Claypan, low permeability, low soil strength, shrink-swell capacity, hardpan
177	Redding and Corning gravelly loams	9-15	Moderately deep to very deep	Well drained	Prominent mounds and side slope of high terraces in the Sheridan area	Gravelly old valley fill from mixed sources and gravelly alluvium formed in old valley fill from mixed sources	100-240 ft	Moderate	Annual grasses, forbs, and a few scattered oaks	Claypan, low permeability, low soil strength, shrink-swell capacity, hardpan, steep slopes
179	Rock outcrop				Steep to very steep slopes	Highly resistant metamorphic rock, andesitic, rock, serpentine rock or syenite rock formations				
180	Rubble land					Cobbly and stony mine debris and tailings from dredge or hydraulic mining				
182	San Joaquin-Cometa sandy loam	1-5	Moderately deep to deep	Well drained	Low terraces	Alluvium from primarily granitic sources; undulating topography	50-200 ft	Slight	Annual grasses and forbs	Hard pan, clay pan, low permeability, shrink-swell potential, low soil strength

Table 2.2. Soils Descriptions, Placer County (Continued)

183	Sierra sandy loam	2-9	Deep	Well drained	Residuum on low foothills; gently rolling topography	Weathered granitic rock	200-1000 ft	Moderate	Annual grasses, forbs, blue and live oak, and scattered pines	Low permeability, shrink-swell potential, low soil strength, steep slopes, erosion potential
MUID	**Soil Name**	**Slope Class**	**Soil Depth**	**Drainage**	**Landscape Position**	**Underlying material**	**Elevation**	**Erosion Potential**	**Native Vegetation**	**Limitations/Constraints**
184	Sierra sandy loam	9-15	Deep	Well drained	Residuum on low foothills; rolling topography	Weathered granitic rock	200-1000 ft	High	Annual grasses, forbs, blue and live oak, and scattered pines	Low permeability, shrink-swell potential, low soil strength, steep slopes, erosion potential
185	Sierra sandy loam	15-30	Deep	Well drained	Residuum on low foothills; hilly topography	Weathered granitic rock	200-1000 ft	High	Annual grasses, forbs, blue and live oak, and scattered pines	Low permeability, shrink-swell potential, low soil strength, steep slopes, erosion potential
193	Xerofluevents, ocasionally flooded	NA	Very deep	Well drained	Adjacent to streambeds	Loamy alluvium	NA	Slight	Annual grasses, forbs, and valley oak	Flood hazard, low permeability
194	Xerofluevents, frequently flooded	NA	Moderately deep	Somewhat poorly drained	Narrow stringers adjacent to stream channels	Loamy alluvium	NA	High	Annual grasses, forbs, sedges, valley oak, and willow	Flood hazard, low permeability, chanelization
195	Xerofluevents, hardpan substrate	NA	Moderately deep	Somewhat poorly drained	Minor drainageways on terraces	Loamy alluvium	NA	Slight	Annual grasses, forbs, and sedges	Hardpan, flood hazard, low permeability
196	Xerofluevents, cut and fill areas	NA	NA	Well drained	Cut and fill areas	Mechanically removed and mixed soil material	NA	Moderate	NA	Primarily used for highways and urban development
197	Xerofluevents, placer areas	NA	Variable	Variable	Adjacent to streams that have been placer mined	Stony, cobbly, and gravelly material	NA	Variable	Annual grasses, browse, oak, alder, willow, and cottonwood	Flood hazard, high variability