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Soil Reports	
Open All Close All ?	
AOI Inventory ?	
Component Description (Nontechnical)	⌵
Component Legend	⌵
Component Text Descriptions	⌵
Descripción de la Unidad de Mapa	⌵
Descripción de la Unidad de Mapa (Breve, Generada)	⌵
Legend	⌵
Map Unit Description	⌵
Map Unit Description (Brief, Generated) ←	⌵
Map Unit Description (CA)	⌵
Sagebrush Ecosystems Resilience and Resistance Soils Report	⌵
Selected Soil Interpretation Description and Criteria Summary	⌵
Selected Soil Interpretations	⌵
Survey Area Data Summary	⌵
Survey Area Map Unit Symbols and Names	⌵
Water Quality Index (WQIag) Soil Factors	⌵

Minor map unit components are excluded from this report.

Intermountain Area, Parts of Lassen, Modoc, Shasta, and Siskiyou Counties, California

Map Unit: 169—Gardens-Jacksback complex, 0 to 2 percent slopes

Component: Gardens (60%)

The Gardens component makes up 60 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on valleys. The parent material consists of alluvium derived from igneous rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during April, May, June, July. Organic matter content in the surface horizon is about 3 percent. This component is in the R022XE119CA Wet Meadow 20+ ecological site. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.

Component: Jacksback (35%)

The Jacksback component makes up 35 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces on valleys. The parent material consists of alluvium derived from andesite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during March, April, May. Organic matter content in the surface horizon is about 2 percent. This component is in the F022BF204CA Low Slope (15% or less) Hills and Mountains ecological site. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.

Component: Riverwash (2%)

Generated brief soil descriptions are created for major soil components. The Riverwash soil is a minor component.

Component: Unnamed (2%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit: 172—Gasper-Scarface complex, moist, 2 to 15 percent slopes

Component: Gasper (50%)

The Gasper component makes up 50 percent of the map unit. Slopes are 2 to 15 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Scarface (35%)

The Scarface component makes up 35 percent of the map unit. Slopes are 2 to 15 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Unnamed, similar to Gasper but < 40" deep (5%)

Generated brief soil descriptions are created for major soil components. The Unnamed, similar to Gasper but < 40" deep soil is a minor component.

Component: Nikal (5%)

Generated brief soil descriptions are created for major soil components. The Nikal soil is a minor component.

Component: Chatterdown (5%)

Generated brief soil descriptions are created for major soil components. The Chatterdown soil is a minor component.

Map Unit: 173—Gasper-Scarface complex, moist, 15 to 30 percent slopes

Component: Gasper (50%)

The Gasper component makes up 50 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Scarface (35%)

The Scarface component makes up 35 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Unnamed, similar to Gasper but < 40" deep (4%)

Generated brief soil descriptions are created for major soil components. The Unnamed, similar to Gasper but < 40" deep soil is a minor component.

Component: Chatterdown (4%)

Generated brief soil descriptions are created for major soil components. The Chatterdown soil is a minor component.

Component: Nikal (4%)

Generated brief soil descriptions are created for major soil components. The Nikal soil is a minor component.

Component: Unnamed, soils with bedrock at 10-20" depth (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed, soils with bedrock at 10-20" depth soil is a minor component.

Map Unit: 174—Gasper-Scarface complex, moist, 30 to 50 percent slopes

Component: Gasper (60%)

The Gasper component makes up 60 percent of the map unit. Slopes are 30 to 50 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of

72 inches. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Scarface (20%)

The Scarface component makes up 20 percent of the map unit. Slopes are 30 to 50 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Unnamed (6%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Rock outcrop (4%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop soil is a minor component.

Component: Nikal (4%)

Generated brief soil descriptions are created for major soil components. The Nikal soil is a minor component.

Component: Unnamed, soils with bedrock at 10-20" depth (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed, soils with bedrock at 10-20" depth soil is a minor component.

Component: Chatterdown (3%)

Generated brief soil descriptions are created for major soil components. The Chatterdown soil is a minor component.

Map Unit: 178—Goulder gravelly sandy loam, 2 to 15 percent slopes

Component: Goulder (85%)

The Goulder component makes up 85 percent of the map unit. Slopes are 2 to 15 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra over andesitic lava. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Unnamed (5%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Mounthat (3%)

Generated brief soil descriptions are created for major soil components. The Mounthat soil is a minor component.

Component: Obie (3%)

Generated brief soil descriptions are created for major soil components. The Obie soil is a minor component.

Component: Danhunt (2%)

Generated brief soil descriptions are created for major soil components. The Danhunt soil is a minor component.

Component: Stacher (2%)

Generated brief soil descriptions are created for major soil components. The Stacher soil is a minor component.

Map Unit: 179—Goulder gravelly sandy loam, 15 to 30 percent slopes

Component: Goulder (85%)

The Goulder component makes up 85 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra over andesitic lava. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Stacher (4%)

Generated brief soil descriptions are created for major soil components. The Stacher soil is a minor component.

Component: Obie (4%)

Generated brief soil descriptions are created for major soil components. The Obie soil is a minor component.

Component: Mounthat (4%)

Generated brief soil descriptions are created for major soil components. The Mounthat soil is a minor component.

Component: Unnamed, soils < 40" deep (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed, soils < 40" deep soil is a minor component.

Map Unit: 268—Obie-Mounthat complex, 30 to 50 percent slopes

Component: Obie (50%)

The Obie component makes up 50 percent of the map unit. Slopes are 30 to 50 percent. This component is on mountains on lava plateaus. The parent material consists of debris flow deposits derived from andesite. Depth to a root restrictive layer, bedrock, paralithic, is 40 to 60 inches. The natural drainage class is well drained. Water movement in the most

restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 18 percent. This component is in the F022BF202CA West-Side, Steep (15% or greater), Ash-influenced, Frigid Gravelley (FFD<100) Mountains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Mounthat (35%)

The Mounthat component makes up 35 percent of the map unit. Slopes are 30 to 50 percent. This component is on mountains on lava plateaus. The parent material consists of debris flow over residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 38 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Rock outcrop (8%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop soil is a minor component.

Component: Unnamed, Soils like Mounthat but <40" deep (7%)

Generated brief soil descriptions are created for major soil components. The Unnamed, Soils like Mounthat but <40" deep soil is a minor component.

Map Unit: 316—Stukel complex, 15 to 30 percent slopes

Component: Stukel, gsl (45%)

The Stukel, gsl component makes up 45 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of slope alluvium derived from tuff. Depth to a root restrictive layer, bedrock, lithic, is 10 to 20 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R021XG907CA Shallow Loamy ecological site. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Stukel, vcbsl (30%)

The Stukel, vcbsl component makes up 30 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of slope alluvium derived from tuff. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R021XG907CA Shallow Loamy ecological site. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.

Component: Rock outcrop (5%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop soil is a minor component.

Component: Ollierivas (4%)

Generated brief soil descriptions are created for major soil components. The Ollierivas soil is a minor component.

Component: Modoc (4%)

Generated brief soil descriptions are created for major soil components. The Modoc soil is a minor component.

Component: Bieber (4%)

Generated brief soil descriptions are created for major soil components. The Bieber soil is a minor component.

Component: Dotta (4%)

Generated brief soil descriptions are created for major soil components. The Dotta soil is a minor component.

Component: Jellycamp (4%)

Generated brief soil descriptions are created for major soil components. The Jellycamp soil is a minor component.

Shasta County Area, California

Map Unit: 169im—Gardens-Jacksback complex, 0 to 2 percent slopes

Component: Gardens (60%)

The Gardens component makes up 60 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains on valleys. The parent material consists of alluvium derived from igneous rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is occasionally flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during April, May, June, July. Organic matter content in the surface horizon is about 3 percent. This component is in the R022XE119CA Wet Meadow 20+ ecological site. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.

Component: Jacksback (35%)

The Jacksback component makes up 35 percent of the map unit. Slopes are 0 to 2 percent. This component is on stream terraces on valleys. The parent material consists of alluvium derived from andesite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during March, April, May. Organic matter content in the surface horizon is about 2 percent. This component is in the F022BF204CA Low Slope (15% or less) Hills and Mountains ecological site. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.

Component: Unnamed (2%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Riverwash (2%)

Generated brief soil descriptions are created for major soil components. The Riverwash soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit: 172im—Gasper-Scarface complex, moist, 2 to 15 percent slopes

Component: Gasper (50%)

The Gasper component makes up 50 percent of the map unit. Slopes are 2 to 15 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Scarface (35%)

The Scarface component makes up 35 percent of the map unit. Slopes are 2 to 15 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Unnamed, similar to Gasper but < 40" deep (5%)

Generated brief soil descriptions are created for major soil components. The Unnamed, similar to Gasper but < 40" deep soil is a minor component.

Component: Nikal (5%)

Generated brief soil descriptions are created for major soil components. The Nikal soil is a minor component.

Component: Chatterdown (5%)

Generated brief soil descriptions are created for major soil components. The Chatterdown soil is a minor component.

Map Unit: 173im—Gasper-Scarface complex, moist, 15 to 30 percent slopes

Component: Gasper (50%)

The Gasper component makes up 50 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water

to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Scarface (35%)

The Scarface component makes up 35 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Unnamed, similar to Gasper but < 40" deep (4%)

Generated brief soil descriptions are created for major soil components. The Unnamed, similar to Gasper but < 40" deep soil is a minor component.

Component: Chatterdown (4%)

Generated brief soil descriptions are created for major soil components. The Chatterdown soil is a minor component.

Component: Nikal (4%)

Generated brief soil descriptions are created for major soil components. The Nikal soil is a minor component.

Component: Unnamed, soils with bedrock at 10-20" depth (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed, soils with bedrock at 10-20" depth soil is a minor component.

Map Unit: 174im—Gasper-Scarface complex, moist, 30 to 50 percent slopes

Component: Gasper (60%)

The Gasper component makes up 60 percent of the map unit. Slopes are 30 to 50 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 5 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Scarface (20%)

The Scarface component makes up 20 percent of the map unit. Slopes are 30 to 50 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Unnamed (6%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Nikal (4%)

Generated brief soil descriptions are created for major soil components. The Nikal soil is a minor component.

Component: Rock outcrop (4%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop soil is a minor component.

Component: Chatterdown (3%)

Generated brief soil descriptions are created for major soil components. The Chatterdown soil is a minor component.

Component: Unnamed, soils with bedrock at 10-20" depth (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed, soils with bedrock at 10-20" depth soil is a minor component.

Map Unit: 178im—Goulder gravelly sandy loam, 2 to 15 percent slopes

Component: Goulder (85%)

The Goulder component makes up 85 percent of the map unit. Slopes are 2 to 15 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra over andesitic lava. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Unnamed (5%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Mounthat (3%)

Generated brief soil descriptions are created for major soil components. The Mounthat soil is a minor component.

Component: Obie (3%)

Generated brief soil descriptions are created for major soil components. The Obie soil is a minor component.

Component: Stacher (2%)

Generated brief soil descriptions are created for major soil components. The Stacher soil is a minor component.

Component: Danhunt (2%)

Generated brief soil descriptions are created for major soil components. The Danhunt soil is a minor component.

Map Unit: 179im—Goulder gravelly sandy loam, 15 to 30 percent slopes

Component: Goulder (85%)

The Goulder component makes up 85 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of tephra over andesitic lava. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Mounthat (4%)

Generated brief soil descriptions are created for major soil components. The Mounthat soil is a minor component.

Component: Obie (4%)

Generated brief soil descriptions are created for major soil components. The Obie soil is a minor component.

Component: Stacher (4%)

Generated brief soil descriptions are created for major soil components. The Stacher soil is a minor component.

Component: Unnamed, soils < 40" deep (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed, soils < 40" deep soil is a minor component.

Map Unit: 190im—Jacksback loam, 2 to 9 percent slopes

Component: Jacksback (85%)

The Jacksback component makes up 85 percent of the map unit. Slopes are 2 to 9 percent. This component is on stream terraces on valleys. The parent material consists of alluvium derived from andesite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. A seasonal zone of water saturation is at 18 inches during March, April, May. Organic matter content in the surface horizon is about 2 percent. This component is in the F022BF204CA Low Slope (15% or less) Hills and Mountains ecological site. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.

Component: Gardens (5%)

Generated brief soil descriptions are created for major soil components. The Gardens soil is a minor component.

Component: Nanny (4%)

Generated brief soil descriptions are created for major soil components. The Nanny soil is a minor component.

Component: Riverwash (3%)

Generated brief soil descriptions are created for major soil components. The Riverwash soil is a minor component.

Component: Unnamed (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit: 268im—Obie-Mounthat complex, 30 to 50 percent slopes

Component: Obie (50%)

The Obie component makes up 50 percent of the map unit. Slopes are 30 to 50 percent. This component is on mountains on lava plateaus. The parent material consists of debris flow deposits derived from andesite. Depth to a root restrictive layer, bedrock, paralithic, is 40 to 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 18 percent. This component is in the F022BF202CA West-Side, Steep (15% or greater), Ash-influenced, Frigid Gravelley (FFD<100) Mountains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Mounthat (35%)

The Mounthat component makes up 35 percent of the map unit. Slopes are 30 to 50 percent. This component is on mountains on lava plateaus. The parent material consists of debris flow over residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 38 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: Rock outcrop (8%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop soil is a minor component.

Component: Unnamed, Soils like Mounthat but <40" deep (7%)

Generated brief soil descriptions are created for major soil components. The Unnamed, Soils like Mounthat but <40" deep soil is a minor component.

Map Unit: 316im—Stukel complex, 15 to 30 percent slopes

Component: Stukel, gsl (45%)

The Stukel, gsl component makes up 45 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of slope alluvium derived from tuff. Depth to a root restrictive layer, bedrock, lithic, is 10 to 20 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low.

Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R021XG907CA Shallow Loamy ecological site. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Stukel, vcbsl (30%)

The Stukel, vcbsl component makes up 30 percent of the map unit. Slopes are 15 to 30 percent. This component is on hillslopes on lava plateaus. The parent material consists of slope alluvium derived from tuff. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R021XG907CA Shallow Loamy ecological site. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.

Component: Rock outcrop (5%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop soil is a minor component.

Component: Modoc (4%)

Generated brief soil descriptions are created for major soil components. The Modoc soil is a minor component.

Component: Bieber (4%)

Generated brief soil descriptions are created for major soil components. The Bieber soil is a minor component.

Component: Ollierivas (4%)

Generated brief soil descriptions are created for major soil components. The Ollierivas soil is a minor component.

Component: Dotta (4%)

Generated brief soil descriptions are created for major soil components. The Dotta soil is a minor component.

Component: Jellycamp (4%)

Generated brief soil descriptions are created for major soil components. The Jellycamp soil is a minor component.

Map Unit: CID—Cohasset loam, 0 to 30 percent slopes

Component: Cohasset (85%)

The Cohasset component makes up 85 percent of the map unit. Slopes are 2 to 30 percent. This component is on lava flows on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. This component is in the F022BG201CA Mesic Ash-influenced

Mountains ecological site. Nonirrigated land capability classification is 4e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Aiken (6%)

Generated brief soil descriptions are created for major soil components. The Aiken soil is a minor component.

Component: McCarthy (4%)

Generated brief soil descriptions are created for major soil components. The McCarthy soil is a minor component.

Component: Lyonsville (3%)

Generated brief soil descriptions are created for major soil components. The Lyonsville soil is a minor component.

Component: Nanny (2%)

Generated brief soil descriptions are created for major soil components. The Nanny soil is a minor component.

Map Unit: CmD—Cohasset stony loam, 0 to 30 percent slopes

Component: Cohasset (85%)

The Cohasset component makes up 85 percent of the map unit. Slopes are 2 to 30 percent. This component is on lava flows on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, paralithic, is 60 to 64 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. This component is in the F022BG201CA Mesic Ash-Influenced Mountains ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Aiken (6%)

Generated brief soil descriptions are created for major soil components. The Aiken soil is a minor component.

Component: McCarthy (4%)

Generated brief soil descriptions are created for major soil components. The McCarthy soil is a minor component.

Component: Lyonsville (3%)

Generated brief soil descriptions are created for major soil components. The Lyonsville soil is a minor component.

Component: Nanny (2%)

Generated brief soil descriptions are created for major soil components. The Nanny soil is a minor component.

Map Unit: CmE—Cohasset stony loam, 10 to 50 percent slopes, MLRA 22B

Component: Cohasset (85%)

The Cohasset component makes up 85 percent of the map unit. Slopes are 10 to 50 percent. This component is on mountain slopes on mountains. The parent material consists of residuum and/or colluvium derived from volcanic rock. Depth to a root restrictive layer, bedrock, paralithic, is 39 to 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 89 percent. Below this thin organic horizon the organic matter content is about 6 percent. This component is in the F022BG201CA Mesic Ash-Influenced Mountains ecological site. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: McCarthy (5%)

Generated brief soil descriptions are created for major soil components. The McCarthy soil is a minor component.

Component: Aiken (5%)

Generated brief soil descriptions are created for major soil components. The Aiken soil is a minor component.

Component: Lyonsville (4%)

Generated brief soil descriptions are created for major soil components. The Lyonsville soil is a minor component.

Component: Nanny (1%)

Generated brief soil descriptions are created for major soil components. The Nanny soil is a minor component.

Map Unit: CrD—Cohasset-McCarthy complex, 0 to 30 percent slopes

Component: Cohasset (60%)

The Cohasset component makes up 60 percent of the map unit. Slopes are 2 to 30 percent. This component is on lava flows on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, paralithic, is 60 to 64 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. This component is in the F022BG201CA Mesic Ash-influenced Mountains ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: McCarthy (40%)

The McCarthy component makes up 40 percent of the map unit. Slopes are 0 to 30 percent. This component is on lava flows on mountains. The parent material consists of residuum weathered from basalt. Depth to a root restrictive layer, bedrock, lithic, is 44 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. This component is in the F022BG201CA Mesic Ash-influenced Mountains

ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Map Unit: CrE—Cohasset-McCarthy complex, 30 to 50 percent slopes

Component: Cohasset (60%)

The Cohasset component makes up 60 percent of the map unit. Slopes are 30 to 50 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, paralithic, is 60 to 64 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Component: McCarthy (40%)

The McCarthy component makes up 40 percent of the map unit. Slopes are 30 to 50 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from basalt. Depth to a root restrictive layer, bedrock, lithic, is 44 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 6e. This soil does not meet hydric criteria.

Map Unit: LhE—Lyonsville-Jiggs complex, deep, 10 to 50 percent slopes

Component: Lyonsville (46%)

The Lyonsville component makes up 46 percent of the map unit. Slopes are 10 to 50 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, lithic, is 33 to 37 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: Jiggs (44%)

The Jiggs component makes up 44 percent of the map unit. Slopes are 10 to 50 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, lithic, is 27 to 31 inches. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: Windy (5%)

Generated brief soil descriptions are created for major soil components. The Windy soil is a minor component.

Component: Unnamed (5%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit: LkF—Lyonsville-Jiggs soils, 50 to 70 percent slopes

Component: Lyonsville (46%)

The Lyonsville component makes up 46 percent of the map unit. Slopes are 50 to 70 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, lithic, is 33 to 37 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Jiggs (44%)

The Jiggs component makes up 44 percent of the map unit. Slopes are 50 to 70 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, lithic, is 27 to 31 inches. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Windy (10%)

Generated brief soil descriptions are created for major soil components. The Windy soil is a minor component.

Map Unit: NaB—Nanny gravelly sandy loam, 0 to 8 percent slopes

Component: Nanny (85%)

The Nanny component makes up 85 percent of the map unit. Slopes are 0 to 8 percent. This component is on fan remnants on mountains. The parent material consists of alluvium derived from volcanic rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 7 percent. This component is in the F022BF201CA Ash-influenced, warm (FFD>100) rocky mountains ecological site. Nonirrigated land capability classification is 3e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Cohasset (10%)

Generated brief soil descriptions are created for major soil components. The Cohasset soil is a minor component.

Component: Windy (5%)

Generated brief soil descriptions are created for major soil components. The Windy soil is a minor component.

Map Unit: NbB—Nanny stony sandy loam, 0 to 8 percent slopes

Component: Nanny (85%)

The Nanny component makes up 85 percent of the map unit. Slopes are 0 to 8 percent. This component is on fan remnants on mountains. The parent material consists of alluvium derived from volcanic rock. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 7 percent. This component is in the F022BF201CA Ash-influenced, warm (FFD>100) rocky mountains ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Cohasset (10%)

Generated brief soil descriptions are created for major soil components. The Cohasset soil is a minor component.

Component: Windy (5%)

Generated brief soil descriptions are created for major soil components. The Windy soil is a minor component.

Map Unit: RxF—Rockland

Component: Rock land (100%)

Generated brief soil descriptions are created for major soil components. The Rock land is a miscellaneous area.

Map Unit: RyF—Rubble land

Component: Rubble land (100%)

Generated brief soil descriptions are created for major soil components. The Rubble land is a miscellaneous area.

Map Unit: ShB—Shingletown clay loam, 0 to 8 percent slopes

Component: Shingletown (85%)

The Shingletown component makes up 85 percent of the map unit. Slopes are 0 to 8 percent. This component is on drainageways on mountains. The parent material consists of alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, December. Organic matter content in the surface horizon is about 3 percent. This component is in the F022BG201CA Mesic Ash-Influenced Mountains ecological site. Nonirrigated land capability classification is 3w. Irrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Cohasset (5%)

Generated brief soil descriptions are created for major soil components. The Cohasset soil is a minor component.

Component: Kilarc (5%)

Generated brief soil descriptions are created for major soil components. The Kilarc soil is a minor component.

Component: McCarthy (4%)

Generated brief soil descriptions are created for major soil components. The McCarthy soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Map Unit: TcE—Toomes very rocky loam, 0 to 50 percent slopes

Component: Toomes (70%)

The Toomes component makes up 70 percent of the map unit. Slopes are 2 to 50 percent. This component is on hillslopes on foothills. The parent material consists of residuum weathered from tuff breccia. Depth to a root restrictive layer, bedrock, lithic, is 11 to 15 inches. The natural drainage class is somewhat excessively drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the R018XA103CA Shallow Thermic Volcanic Ridges 30- 40 PZ ecological site. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Rock outcrop (20%)

Generated brief soil descriptions are created for major soil components. The Rock outcrop is a miscellaneous area.

Component: Guenoc (5%)

Generated brief soil descriptions are created for major soil components. The Guenoc soil is a minor component.

Component: Supan (5%)

Generated brief soil descriptions are created for major soil components. The Supan soil is a minor component.

Map Unit: WeD—Windy and McCarthy stony sandy loams, 0 to 30 percent slopes

Component: Windy (41%)

The Windy component makes up 41 percent of the map unit. Slopes are 5 to 30 percent. This component is on lava flows on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, lithic, is 48 to 52 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 12 percent. This component is in the F022BF202CA West-Side, Steep (15% or

greater), Ash-influenced, Frigid Gravelley (FFD<100) Mountains ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: McCarthy (39%)

The McCarthy component makes up 39 percent of the map unit. Slopes are 2 to 30 percent. This component is on lava flows on mountains. The parent material consists of residuum weathered from basalt. Depth to a root restrictive layer, bedrock, lithic, is 44 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. This component is in the F022BG201CA Mesic Ash-influenced Mountains ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Lydon (10%)

Generated brief soil descriptions are created for major soil components. The Lydon soil is a minor component.

Component: Cohasset (10%)

Generated brief soil descriptions are created for major soil components. The Cohasset soil is a minor component.

Map Unit: WfE—Windy and McCarthy very stony sandy loams, 30 to 50 percent slopes

Component: Windy (41%)

The Windy component makes up 41 percent of the map unit. Slopes are 30 to 50 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, lithic, is 48 to 52 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 9 percent. This component is in the F022BF202CA West-Side, Steep (15% or greater), Ash-influenced, Frigid Gravelley (FFD<100) Mountains ecological site. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: McCarthy (39%)

The McCarthy component makes up 39 percent of the map unit. Slopes are 30 to 50 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from basalt. Depth to a root restrictive layer, bedrock, lithic, is 44 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. This component is in the F022BG201CA Mesic Ash-influenced Mountains ecological site. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: Cohasset (10%)

Generated brief soil descriptions are created for major soil components. The Cohasset soil is a minor component.

Component: Lydon (10%)

Generated brief soil descriptions are created for major soil components. The Lydon soil is a minor component.

Map Unit: WfG—Windy and McCarthy very stony sandy loams, 50 to 75 percent slopes

Component: Windy (41%)

The Windy component makes up 41 percent of the map unit. Slopes are 50 to 75 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from volcanic rock. Depth to a root restrictive layer, bedrock, lithic, is 48 to 52 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 9 percent. This component is in the F022BF202CA West-Side, Steep (15% or greater), Ash-influenced, Frigid Gravelley (FFD<100) Mountains ecological site. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: McCarthy (39%)

The McCarthy component makes up 39 percent of the map unit. Slopes are 50 to 75 percent. This component is on mountain slopes on mountains. The parent material consists of residuum weathered from basalt. Depth to a root restrictive layer, bedrock, lithic, is 44 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. This component is in the F022BG201CA Mesic Ash-Influenced Mountains ecological site. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Cohasset (10%)

Generated brief soil descriptions are created for major soil components. The Cohasset soil is a minor component.

Component: Lydon (10%)

Generated brief soil descriptions are created for major soil components. The Lydon soil is a minor component.