

United States Department of Agriculture
Natural Resources Conservation Service

03/25/2002

NONTECHNICAL SOIL DESCRIPTIONS

White Sands Missile Range, New Mexico, Parts of Dona Ana, Lincoln, Otero, Sierra and Socorro Counties

These descriptions describe soil properties or management considerations specific to a soil map unit and components of map units. These reports are generated for distribution to land users from the National SoilInformation System soil database.

AD=Aladdin association

Anklam soils make up 55 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 10 to 20 inches to a bedrock (paralithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderately slow. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. The maximum calcium carbonate equivalent within a depth of 40 inches is 2 percent. In the soil profile, there are no saline horizons. This component is in the SANDY, ecological site. It is nonirrigated land capability subclass 7s.

Aladdin soils make up 30 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately rapid. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is low. Annual flooding is rare, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. This component is in the SANDY, ecological site. It is nonirrigated land capability subclass 6e.

BD=Berino-dona ana association

Berino soils make up 50 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight, This component is in the SANDY, ecological site. It is irrigated land capability subclass 3e. It is nonirrigated land capability subclass 7e.

Dona Ana soils make up 30 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained.

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BD=Berino-dona ana: continued

The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight, This component is in the SANDY, ecological site. It is irrigated land capability subclass 2e. It is nonirrigated land capability subclass 7e.

Do=Deama-rock outcrop complex

Deama soils make up 40 percent of the map unit. This map unit is in the Pecos-Canadian Plains and Valleys Major Land Resource Area. The depth to a restrictive feature is 6 to 20 inches to a bedrock (lithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. This component is in the LIMESTONE HILLS, ecological site. It is nonirrigated land capability subclass 7e.

DP=Dona ana-pajarito-bluepoint association

Dona Ana soils make up 30 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight, This component is in the SANDY, ecological site. It is irrigated land capability subclass 2e. It is nonirrigated land capability subclass 7e.

Pajarito soils make up 30 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately rapid. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. This component is in the SANDY, ecological site. It is irrigated land capability subclass 2e. It is nonirrigated land capability subclass 7e.

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DP=Dona ana-pajarito bluepoint: continued

Bluepoint soils make up 25 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is somewhat excessively drained. The slowest soil permeability within a depth of 60 inches is rapid. Available water capacity within a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight, This component is in the DEEP SAND, ecological site. It is irrigated land capability subclass 3s. It is nonirrigated land capability subclass 7s.

Du=Dune land-dona ana complex

Dona Ana soils make up 25 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight, This component is in the SANDY, ecological site. It is irrigated land capability subclass 2e. It is nonirrigated land capability subclass 7e.

Bluepoint soils make up 20 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is somewhat excessively drained. The slowest soil permeability within a depth of 60 inches is rapid. Available water capacity within a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight, This component is in the DEEP SAND, ecological site. It is irrigated land capability subclass 3s. It is nonirrigated land capability subclass 7s.

DY=Dune land-yesum association

Yesum soils make up 30 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons.

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DY=Dume land-yesum: continued

This component is in the GYP UPLAND, ecological site. It is nonirrigated land capability subclass 7e.

Gr=Gilland-rock outcrop complex

Gilland soils make up 40 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 20 to 40 inches to a bedrock (paralithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. It is nonirrigated land capability subclass 6s.

Gv=Gypsum rock land

Tanbark soils make up 35 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 10 to 20 inches to a bedrock (lithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is slight. This component is in the GYP UPLAND, ecological site. It is nonirrigated land capability subclass 7s.

LA=La fonda association

La Fonda soils make up 45 percent of the map unit. This map unit is in the Pecos-Canadian Plains and Valleys Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is high, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the LOAMY, ecological site. It is nonirrigated land capability subclass 6c.

La Fonda soils make up 40 percent of the map unit. This map unit is in the Pecos-Canadian Plains and Valleys Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is high, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none.

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LA=La fonda: continued

The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the LOAMY, ecological site. It is nonirrigated land capability subclass 6c.

Lr=Lozier-rock outcrop complex

Lozier soils make up 45 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 4 to 16 inches to a bedrock (lithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. The maximum calcium carbonate equivalent within a depth of 40 inches is 70 percent. This component is in the LIMESTONE HILLS, ecological site. It is nonirrigated land capability subclass 7s.

MA=Marcial-ubar association

Marcial soils make up 55 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 40 to 60 inches to a bedrock (paralithic). It is moderately well drained. The slowest soil permeability within a depth of 60 inches is slow. Available water capacity within a depth of 60 inches is low, and shrink swell potential is high. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is moderate. It is nonirrigated land capability subclass 7s.

Ubar soils make up 35 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is slow. Available water capacity within a depth of 60 inches is high, and shrink swell potential is high. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight. This component is in the SALT FLATS, ecological site. It is irrigated land capability subclass 2s. It is nonirrigated land capability subclass 7s.

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Me=Mead silt loam

Mead soils make up 100 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is poorly drained. The slowest soil permeability within a depth of 60 inches is impermeable. Available water capacity within a depth of 60 inches is high, and shrink swell potential is moderate. Annual flooding is occasional, and annual ponding is none. The minimum depth to the top of the seasonal high water table is at 42 inches. In the soil profile, the maximum salinity is moderate. It is nonirrigated land capability subclass 7w.

MG=Mimbres-glendale association

Mimbres soils make up 55 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately slow. Available water capacity within a depth of 60 inches is high, and shrink swell potential is moderate. Annual flooding is occasional, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight, This component is in the DRAW, ecological site. It is irrigated land capability subclass 3e. It is nonirrigated land capability subclass 7c.

Glendale soils make up 25 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately slow. Available water capacity within a depth of 60 inches is high, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight, This component is in the CLAYEY, ecological site. It is irrigated land capability subclass 1. It is nonirrigated land capability subclass 7c.

NT=Nickel-tencee association

Nickel soils make up 60 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is slow. Available water capacity within a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet.

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NT=Nickel-tencee: continued

The maximum calcium carbonate equivalent within a depth of 40 inches is 40 percent. In the soil profile, the maximum salinity is very slight, and the maximum sodicity is moderate. This component is in the GRAVELLY, ecological site. It is nonirrigated land capability subclass 7s.

Tencee soils make up 25 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 7 to 20 inches to a petrocalcic. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the GRAVELLY, ecological site. It is nonirrigated land capability subclass 7e.

OB=Onite-bluepoint-wink association

Onite soils make up 40 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately rapid. Available water capacity within a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. This component is in the SANDY, ecological site. It is nonirrigated land capability subclass 7c.

Bluepoint soils make up 25 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is somewhat excessively drained. The slowest soil permeability within a depth of 60 inches is rapid. Available water capacity within a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is very slight. This component is in the DEEP SAND, ecological site. It is irrigated land capability subclass 3s. It is nonirrigated land capability subclass 7s.

Wink soils make up 20 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately rapid. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet.

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OB=Onite-bluepoint-wink: continued

The maximum calcium carbonate equivalent within a depth of 40 inches is 10 percent. In the soil profile, there are no saline horizons, This component is in the SANDY, ecological site. It is nonirrigated land capability subclass 7e.

Os=Oscura silty clay

Oscura soils make up 100 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is slow. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is high. Annual flooding is frequent, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is slight. This component is in the DRAW, ecological site. It is nonirrigated land capability subclass 6c.

RK=Rockland cool

Deama soils make up 20 percent of the map unit. This map unit is in the Pecos-Canadian Plains and Valleys Major Land Resource Area. The depth to a restrictive feature is 6 to 20 inches to a bedrock (lithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. This component is in the LIMESTONE HILLS, ecological site. It is nonirrigated land capability subclass 7e.

RL=Rock land, warm

Lozier soils make up 20 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 4 to 16 inches to a bedrock (lithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. The maximum calcium carbonate equivalent within a depth of 40 inches is 70 percent. This component is in the LIMESTONE HILLS, ecological site. It is nonirrigated land capability subclass 7s.

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SH=Shale rock land

Deama soils make up 15 percent of the map unit. This map unit is in the Pecos-Canadian Plains and Valleys Major Land Resource Area. The depth to a restrictive feature is 6 to 20 inches to a bedrock (lithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. This component is in the LIMESTONE HILLS, ecological site. It is nonirrigated land capability subclass 7e.

SP=Sonoita-pinaleno-aladdin association

Sonoita soils make up 35 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the GRAVELLY LOAM, ecological site. It is nonirrigated land capability subclass 6s.

Pinaleno soils make up 25 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately slow. Available water capacity within a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the GRAVELLY LOAM, ecological site. It is nonirrigated land capability subclass 7s.

Aladdin soils make up 20 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately rapid. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is low. Annual flooding is rare, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. This component is in the SANDY, ecological site. It is nonirrigated land capability subclass 6e.

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SR=Sotim-russler association

Sotim soils make up 60 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderately slow. Available water capacity within a depth of 60 inches is high, and shrink swell potential is moderate. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the CLAYEY, ecological site. It is nonirrigated land capability subclass 7e.

Russler soils make up 25 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is moderate, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the CLAYEY, ecological site. It is nonirrigated land capability subclass 7c.

TC=Tencee-nickel association, gently sloping

Tencee soils make up 65 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 7 to 20 inches to a petrocalcic. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the GRAVELLY, ecological site. It is nonirrigated land capability subclass 7e.

Nickel soils make up 20 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is slow. Available water capacity within a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. The maximum calcium carbonate equivalent within a depth of 40 inches is 40 percent. In the soil profile, the maximum salinity is very slight, and the maximum sodicity is moderate. This component is in the GRAVELLY, ecological site. It is nonirrigated land capability subclass 7s.

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TK=Tencee-nickel association, steep

Tencee soils make up 45 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 7 to 20 inches to a petrocalcic. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the GRAVELLY, ecological site. It is nonirrigated land capability subclass 7e.

Nickel soils make up 40 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is slow. Available water capacity within a depth of 60 inches is low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. The maximum calcium carbonate equivalent within a depth of 40 inches is 40 percent. In the soil profile, the maximum salinity is very slight, and the maximum sodicity is moderate. This component is in the GRAVELLY, ecological site. It is nonirrigated land capability subclass 7s.

Ye=Yesum very fine sandy loam

Yesum soils make up 100 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons. This component is in the GYP UPLAND, ecological site. It is nonirrigated land capability subclass 7e.

YH=Yesum-holloman association

Yesum soils make up 35 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is greater than 60 inches. It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, there are no saline horizons.

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YH=Yesum-holloman: continued

This component is in the GYP UPLAND, ecological site. It is nonirrigated land capability subclass 7e.

Holloman soils make up 30 percent of the map unit. This map unit is in the Southern Desertic Basins, Plains, and Mountains Major Land Resource Area. The depth to a restrictive feature is 4 to 20 inches to a bedrock (paralithic). It is well drained. The slowest soil permeability within a depth of 60 inches is moderate. Available water capacity within a depth of 60 inches is very low, and shrink swell potential is low. Annual flooding is none, and annual ponding is none. The minimum depth to a water table is greater than 6 feet. In the soil profile, the maximum salinity is moderate. This component is in the GYP UPLAND, ecological site. It is nonirrigated land capability subclass 7s.

Nontechnical Soil Description

Nontechnical soil descriptions describe soil properties or management considerations specific to a soil map unit or group of map units. These descriptions are written in terminology that nontechnical users of soil survey information can understand.

Nontechnical soil descriptions are a powerful tool for creating reports. These descriptions are available from SSSD. Soil map unit descriptions and map unit interpretation records (MUIR) are the basis for these descriptions.

The following categories or land uses are examples of descriptions which are commonly used in SSSD.

SOI - soil characteristics description

AGR - agronomic description

ENG - engineering description

RNG - range description

URB - urban description

WLH - wildlife description

WOO - woodland description