Explanation



cemented soil and sediment. [Modern apron of COLLUVIUM along Light yellowish brown silty fine- to medium-grained sand with trace fine gravel and a Bw-horizon with well-developed coarse to very coarse sub angular blocky peds and strong clay films. [Bw-horizon developed in fine-grained Late Pleistocene COLLUVIUM] Olive-yellow silty fine- to medium-grained sand with pale yellow carbonate filaments and a Bw-horizon with weakly to moderately well-developed platy peds (defined by carbonate accumulation) and moderately well-developed clay films. [Bw-horizon developed in fine-grained Late Pleistocene COLLUVIUM overprinted with carbonate] Very pale brown silty fine- to medium-grained sand, thoroughly cemented (with spring carbonate), forms a continuous horizon in

trench T-1 from station 9.5 m to 11.5 m, bifurcating to the east and west into numerous clay-lined carbonate filaments/seams that cross into other units. [K-horizon developed in fine-grained Late Pleistocene COLLUVIUM]

Brownish yellow fine- to medium-grained silty sand with gravel, unstratified, locally stained with iron and manganese oxides, soil profile developed in upper portion (described herein as units 52/54/56). [Fine-grained Late Pleistocene COLLUVIUM]

Brownish yellow silty fine- to medium-grained sand with gravel (generally lightly weathered to unweathered granitic and metamorphic clasts), locally very weak sub angular blocky ped structure. [Fine- to coarse-grained Late Pleistocene COLLUVIUM]



East

Trench T-1 South Wall

West of Station 8.5 m, the

spring carbonate accumulation

zone is not distinguishable within

platy soil horizon



Unit Descriptions

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Yellowish brown silty clayey fine-grained sand, pedogenic

developed in Late Pleistocene EOLIAN SAND]

horizon characterized by incipient structure and accumulation of

organic material grading upward into crumb texture. [AB-horizon

Fine- to coarse-grained sand with gravel, cobbles, and boulders, mottled yellowish brown and dark greenish gray west of station 6.5 m, olive-yellow east of station 6.5 m, discontinuous stratification defined by cobble and boulder lags, roughly half of the boulders and cobbles are completely weathered to grus west of the fault zone where deposits are saturated. [Late Pleistocene fan ALLUVIUM]

Horizontal Stationing (meters)

