

by a highly localized group of these features. Soils are composed of coarse-grained to medium coarse-grained sandy loams and sandy clay loams containing chert gravels and sporadic cobbles.

Florasitics

Most frequently occurring members of the floral community include Quercus laevis, Prosopis juliflora, Artemisia filifolia, Yucca glauca, Dalea formosa, Gutierrezia sarothrae, Croton sp., Opuntia leptocaulis, Opuntia macrocentra, Euphorbia missurica, Pectis sp., Suaeda sp., Chamaesarcia sp., Setaria macrostachya, Aristida sp., and Cenchrus incertus.

Cultural Resources

No archaeological sites were recorded during this reconnaissance. NMAS did observe one chert primary decortication flake at a point approximately midway between the proposed location and the existing lease road to the east. This portion of the Laguna Valley tends to harbor a low frequency of cultural resources because of its lack of surface water, an absence of caliche in deflated areas thereby precluding hearth construction, and a paucity of cobbles suitable for flaked tools. Sandstone is absent altogether.

Recommendations

NMAS recommends clearance for Amoco's proposed Federal Y Well No.1 and its access road and suggests that work-related activities proceed in accordance with existing plans.

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113