

contain caliche and infrequent sandstone inclusions. Indurated caliche underlies the coeval surface at depths of .50 to 2 m. Santa Rosa Sandstone, Triassic in age, lies immediately below the duripan.

Floristics

The local floral assemblage tends to be dominated by plants indicative of disturbance albeit there are exceptions. Principal forbs include: Helianthus sp., Solanum eleagnifolium, Euphorbia spp., Croton spp., and several Compositae, Grasses include: Bouteloua sp., Aristida sp., Setaria macrostachys, and Cenhrus incertus. Prosopis juliflora, Condalia ericoides, Yucca glauca, and Artemisia filifolia occur in the general vicinity.

Cultural Resources

No archaeological sites or isolated manifestations were recorded during this reconnaissance. Albeit not observed during this reconnaissance, local sandstone deposits may have been tarped by Jornada Mogollon and Archaic ground stone producers owing to the presence of high quality Santa Rosa sandstone.

Recommendations

NMAS recommends clearance for the proposed expansion of the caliche pit and suggests that COQUINA OIL CORPORATION proceed with its existing plans. Clearance, of course, is granted by the Bureau of Land Management.