

### Terrain

This quarry is situated on an undulating plain overlain by aeolian deposits of Pleistocene and Holocene age. Surficial deposits are underlain by indurated duripan. Soil individuals are composed of loose, somewhat, carcareous sandy loams and loamy sands belonging to the Typic Torripsamment subgroup.

### Floristics

Local soil individuals host a mixed overstory of *Prosopis juliflora*, *Quercus havardii*, and *Yucca glauca*. Principal forbs include: *Eriogonum annuum*, *Zinnia acerosa*, *Astragalus* sp., *Salsola kali*, *Helianthus* sp., and *Euphorbia* sp. Most commonly observed grasses include: *Aristida* sp., *Boutloua curtipendula*, *Cenchrus incertus*, *Panicum* sp., *Sporobolus* sp., and *Tridens pulchellus*.

### Cultural Resources

No archaeological sites or isolated manifestations were recorded during this reconnaissance. Prehistorically, this landform was tapped principally for its faunal resources by Archaic and Jornada Mogollon peoples. Cultural residues include baking pits, characterized by highly organic material, and lithic and potsherd detritus.

### Recommendations

NMAS recommends clearance for the proposed expansion of the quarry and suggests that CONOCO, INCORPORATED proceed with its existing plans. Clearance, of course, is granted by the Bureau of Land Management.

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