

The associated access road will measure 12 X 2000 ft and will be situated in the:

NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 20, T22S, R28E, NMPM, Eddy County, NM  
 NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 20, T22S, R28E, NMPM, Eddy County, NM  
 SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 20, T22S, R28E, NMPM, Eddy County, NM

Map Reference: USGS CARLSBAD QUADRANGLE, 15 Minute Series, 1939.

### Terrain

Areal terrain is distinguished by gently trending plain oriented toward the east to east-northeast. Quahada Ridge, flanking this feature on the east, forms a conspicuous feature in that direction. Locally, this landform is subject to ephemeral sheetwash with drainage being into a shallow, saucer-shaped, depressional basin. In its broader context, this landform is coextensive with Indian Flats. Encountered soil individuals belong to the Typic Paleorthid and Typic Calciorthid subgroups and several of their intergrades and extragrades. Soils typically are dominated by the clay separate and consist of fine-grained, generally loose, noncalcareous, sandy clay loams and clay loams containing gravel- and cobble-sized caliche and rare quartzite and chert inclusions. Lag deposits are confined to deflated areas.

### Floristics

Locally, the floral assemblage is dominated by a low overstory of Prosopis juliflora which is frequently associated with Muhlenbergia porteri and an abundance of several members of the Compositae. In addition to Muhlenbergia observed grasses include: Setaria macrostachya, Tridens pulchellus, and Echinochloa sp. The project areas supports a diverse array of herbaceous forbs of which