

lands and will be situated 1980 ft from the south line and 1980 ft from the east line of:

Section 34, T24S, R28E, NMPM, Eddy County, NM

Thus it will be situated in the:

NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 34, T24S, R28E, NMPM, Eddy County, NM

The associated access road will measure 20 X 1000 ft and will be situated in the:

NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 34, T24S, R28E, NMPM, Eddy County, NM  
NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 34, T24S, R28E, NMPM, Eddy County, NM

Map Reference: USGS MALAGA QUADRANGLE, 15 Minute Series, 1945.

#### Terrain

The investigated area rests on an undulating plain overlain by alluvial deposits. Local topography is characteristically riverine terraced upland near the Pecos River drainage. Areal soils are somewhat compacted, calcareous and non-calcareous loamy sands and clay loams with inclusions of chert, quartzite and limestone. Occasional lenses of gypsum are weathering from the surface. Soil individuals reflect a complicated interplay of Calcic Gypsiorthid, Typic Gypsiorthid, and Typic Torripsamment subgroups. Surficial areas are subject to scaling and seasonal lichen growth.

#### Florisites

The local floral overstory is predominantly *Larrea tridentata* with *Prosopis juliflora*, *Rhus microphylla* and rare *Yucca glauca*. Forbs include: *Sartwellia flaveriae*, *Gutierrezia sarothrae*, *Hymenoxys* sp., *Lepidium* sp., *Euphorbia* sp., *Perezia nana* and *Zinnia acerosa*. *Opuntia* sp., (platyopuntia) occurs on an infrequent basis. Grasses are abundant and include: *Hilaria mutica*, *Tridens pulchellus*, *Monroa squarrosa*, *Boutleoua eriopoda*,