

Lot 7, Section 5, T21S, R24E, NMPM, Eddy County, NM

Its associated access road will measure 12 X 528 ft and will be situated in:

Lot 7, Section 5, T21S, R24E, NMPM, Eddy County, NM

Map Reference: USGS Foster Ranch Quadrangle, 7.5 Minute Series, 1957.

Terrain

The investigated locality is situated on a low ridge located due west of the Seven Rivers Hills. Small eminences are characteristic of this feature indicating greater resiliency of underlying rock there to the processes of weathering. Surficial deposits are derived from the Evaporite Facies of the Seven Rivers Formation. Soils developed from this parent material are highly variable being represented by Typic Gypsiorthids, Calcic Gypsiorthids, and Typic Torriorthents. Of these, the latter occurs outside the proposed work area. Typic Gypsiorthids are largely confined to eminences and the upper third of the ridge with Calcic Gypsiorthids occurring elsewhere. Drainage is toward the east-northeast and east into Wadcutter Draw.

Floristics

Calcic Gypsiorthids characteristically harbor a dense cover of Milaria nutica which is accompanied by a fair overstory of Larrea tridentata. Prosopis juliflora, while diminutive, does occur on lower portions of the ridge, i.e., in localities marked by an intergrade of this soil subgroup. Frequently associated plants include Yucca elata, Berberis trifoliolata,