

**Table 1. Summary of major map units and societal implications**

<b>Map unit</b>	<b>Properties of sediment</b>	<b>Properties of topsoil</b>	<b>Potential land use or concerns</b>
<b>Qf1</b>	Interbedded gravel and sand with silty-clayey fine sand. Commonly forms topographic highs.	Highly gypsiferous, with enough accumulation to form "caliche." Accumulation of clay.	Possible aggregate supply. Not subjected to significant sheetwash.
<b>Qf2</b>	Sandy gravel to gravelly sand	Somewhat gypsiferous. Slight accumulation of clay.	Aggregate supply
<b>Qf3</b>	Sand, silty-clayey fine sand, and pebble beds	Disseminated gypsum filaments; slight accumulation of clay	Good for agriculture. Sheetwash may occur infrequently (in conjunction with large thunderstorms). Moderate to high erosion potential.
<b>Qf3gh</b>	Sand and pebbly sand forming slight topographic highs.	Gypsiferous and pebbly, but less gypsum than Qf1.	Possible aggregate supply. Not subjected to sheetwash.
<b>Qah</b>	Silt and fine sand.	No topsoil	Too thin and fine-grained for aggregate; potential for flooding.
<b>Qam</b>	Sand, silt, gravel, and clay. Found in channels or small lobes at the mouths of discontinuous channels.	No topsoil	Too thin and fine-grained for aggregate. Seems to support more grass than other units, so relatively good for grazing. High potential for frequent flooding.
<b>Qbfy</b>	Mostly clayey-silty fine sand and clay, with minor pebbles	Generally slightly gypsiferous, with localized heavy concentrations.	High clay and localized heavy gypsum may make farming some crops difficult.
<b>Qbfo</b>	Clayey fine-grained sand, clay-silt, fine sand, and gypsum.	Not described, but probably only weak soil development because of surface erosion.	High clay and localized gypsum probably inhibits most agriculture. Potential for subsidence due to gypsum dissolution at depth. Moderate erosion potential
<b>Qgy</b>	Gypsum that is 1-5 m-thick.	Hard gypsum crust 1-5 cm-thick, but locally overlain by silt.	Potential gypsum mining where thick. Supports more grass than unit <b>Qbfo</b> .

\* Based in part from observations of current land use