

This map has been approved for public release by White Sands Missile Range for unlimited distribution. The White Sands Missile Range Operational Security review was completed on January 31, 2007.

X Cu	Copper prospect
×	Aggregate pit
•	Sinkhole
	Active spring mound
C	Inactive spring mound
<u> </u>	Strike and dip of bedd
	Geologic contact
••••	Concealed dike
	Approximately located
	Cross section and pro
• • • • •	Concealed normal fau on down-separated
	Approximately located ball and bar on dow
{ —►	Approximately located

	quadra terrace	angle and local valley fill in northeast part of quadrangle. Overlies low, gravelly es in a few places, but does not have soil horizons developed. At least 3 m thick.	
	Qpifs	Piedmont, intermediate level, erosional scarps in fine-grained alluvial depos- its (Holocene) — Partially eroded scarps in unconsolidated, pale brown, fine sand, silt, and clay forming at eastern and southeastern edges of Qpif. From 0 to 3 m thick.	
Qpil	Piedmont and alluvial-fan deposits (Holocene to upper Pleistocene) — Pale brown to light reddish brown (10 YR 8/3 to 5YR 6/4), poorly exposed, poorly to moderately sorted, unconsolidated pebbly to cobbly sand. Deposit surfaces are more than 1 m above local base level along active piedmont drainages, continue to be more than 3 m above local base level upstream. Soils are weakly developed and exhibit Stage I+ pedogenic carbonate morphology. This unit probably includes two distinct kinds of deposits that occupy the same landscape position. Some of these gravelly deposits are exhumed terrace deposits; others are late Holocene alluvial fan deposits. Estimated to be 3 to 5 m thick.		
Qpih	Piedm uncon gular t	ont and Alluvial-fan deposits (Pleistocene) — Light reddish brown (5YR 6/4), solidated to moderately consolidated sand and gravel. Gravels consist of subanto subrounded limestone, granitic and metamorphic, and red sandstone rock	

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