Figure DR1. Surficial geologic map along the northwest Lone Mountain and Weepah Hills piedmonts

Q4 undiff.	Active stream channel and most recently abandoned channel. No pavement development or soil development. Deposits are up to 1 m above active channel. Youngest surface in field area.
Q3c	Undissected, bouldery bar-and-swale pavements 0 to 1.5 m above stream channels. Small patches of moderate to immature desert pavement developed, with immature to moderate rubification on clasts.
Q3b	Moderate to intermediate desert pavement, with subdued bar and swale relief of 0.25 to 0.75 m. Deposits are 1 to 2 m above the active channel, and surface lasts are generally interlocking with moderate rubification and varnish, varying in size from pebbles to moderately sized cobbles.
Q3a	Undissected, bouldery bar-and-swale pavements 1.5 to 3 m above stream channels.
Pluvial lake deposit	Well-developed desert pavement, with rounded morphology, and little to no bar and swale relief. Deposits follow an elevation contour, and are discontinuous.
Q2c	Well-developed mature desert pavement, with negligible bar and swale and slight dissection. Surfaces are 1.5 to 4 m above the active channel, and clasts are interlocking, dominated by pebbles with occasional cobbles. The tops of surface clasts have distinctive well-developed varnish, while clast undersides are highly rubified.
Q2b	The Q2b deposit is >3 m above the active channel and characterized by smooth pavements, rounded hillslopes, moderate dissection, and subdued bar and swale morphology of <0.25 m. Clasts are interlocking, with pebbles to cobbles, and occasional boulders are exposed at the surface. Varnish and rubification development are generally moderate to high, and is underlain by a well-developed soil.
Q2a	Disected remnants of pavements 4 to 10 m above stream channels.
Bedrock	In-place bedrock.
Fault	
Fault (questionable)	

N

0 1 km

1:24,000

117°35'0"W 117°34'0"W 117°33'0"W 117°32'0"W

117°36'0"W 38°3'0"N

117°37'0"W

117°38'0"W 38°2'0"N

117°39'0"W

117°40'0"W 38°1'0"N

117°41'0"W

117°42'0"W 38°0'0"N

117°43'0"W

117°44'0"W 37°59'0"N

117°45'0"W

37°58'0"N

37°57'0"N