

LITHOLOGIC LOG

Project: LIVERMORE
620-39

Elevation: _____

Date Drilled: _____

Depth (m)	Description
0-5	<u>Overburden</u> - Med-brown silt & clay w/ numerous angular cobbles of green mottled serpentinite, weathered to reddish-brown on surface.
5-110	<u>Serpentinite</u> - Med-green, mottled various shades of green & black Fe, Cu & possible non-serpentinized basic RX. Numerous small magnesite filled fractures & pervasively sheared. Rare dendritic deposits of Mg along fractures. Dk-gray to black non-serpentinized (though altered to hard clays) rock occurs in blocks from a few cm to a meter or so thick, comprises 20-60% of cuttings.
110-120	<u>Shale</u> - Dk-gray, aphanitic, soft. Serpentinite as above about half of sample. No samples 120-240, shale apparently occurred as small lens, and occasional cuttings in the 120-240 interval were all serpentinite, possibly a major shear plane at 110-120.
240-320	<u>Serpentinite</u> - apple-green to dark green, more sheared, less mottled, & darker than above.