

Project: Livermore

620-64

Elevation: _____

Date Drilled: May 3, 4 & 6, 1979

Depth (m)	Description
0 - 2	<u>Silt, Clay & Cobbles</u> - Dk-gray graywacke & shale cobbles in a matrix of lt-yellow, brown silt & clay.
2 - 3	<u>Clay</u> - Brown, moist, 5-10% sand
3 - 4	<u>Clay & Cobbles</u> - As between 0-2.
4 - 17	<u>Clay</u> - Lt-brown, 5% sand, w/a few thin beds of fine gravels.
17 - 25	<u>Clay</u> - Blue gray, 5-10% sand.
25 - 36	<u>Clay & Siltstone</u> - (Knoxville) Clay as above, grading into dark-gray siltstone, becoming harder w/depth.
36 - 155	<u>Siltstone (Knoxville)</u> Med-gray to lt-brown, finely micaous, pervasively fractured with yellow, brown & red Fe staining along hairline fractures. Rare calcite filling fractures 0.5 - 1.0 mm samples. 0 - 10% fine-grained reddish <u>graywacke</u> in some samples.
155 - 156	<u>Silicified Siltstone</u> - Resembles above interval, but hard, silicified, considerable loss of fluids.
156 - 157	<u>Clay (?), or Soft Siltstone</u> - Drilled quickly & smoothly, no sample from that interval.
157 - 159	<u>Silicified Siltstone</u> - Same as 155-156, loss of fluids.
159 - 220	<u>Siltstone (Knoxville)</u> - Same as 36-155, becoming slightly more indurated w/depth.