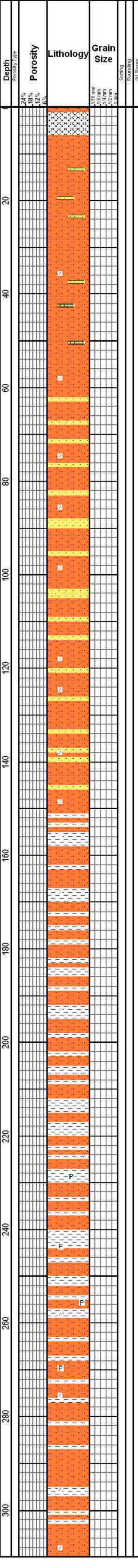


**Curve Track 1**

ROP (min/m) ———  
 Temperature (Temp Deg C) ———  
 Gradient (Deg C/km) - - - - -



**Alum Well 1186-39-45-04**  
 Lat 117'45, Long 37'45  
 Elevation 4900 ft or 1493.5m

0-1.5m Alluvium - Poorly consolidated tan sand, silt and angular lith fragment of green siltstone, sandstone and limestone.

1.5-4.5m Siltstone - Sand, tan, bedded with common dk. gray lith fragments. A few clear gypsum crystals. Common yellow to rust red iron stainings. Damp, altered to montmorillonite. Same as surface outcrops near drill site.

4.5-34.0m Siltstone - As above, except less sand, less iron staining, primarily montmorillonite clays. Some light gray beds of siltstone, 1% small gypsum.

34-61m Siltstone - Medium brownish gray, some sandy material. Minor thin beds of brown siltstone. Absorbs water readily.

61-152.4m Sandy Siltstone - Light medium gray (cuttings are fine sandy powder). Water at 220ft, change to foam injection. Most of clay material washed out of cuttings below 220ft. Minor tan and pale red siltstone. Absorb water readily.

152.4-225.6m Claystone, Siltstone - Medium brownish gray, predominately with 10-40% tan to brown colored material. Much of interval appears thinly bedded. Minor orange hematite. Darker brown color along some crude cleavage planes. Absorbs water moderately. L.C. in fracture at 675ft, moderately well indurated.

226-253 Claystone, Siltstone - As above, except 20-30% pale green and tan claystones with a few angular lithic fragments, Some thinly laminated claystone with tan, gray and brown laminations. Rare pyrite along small fractures. Moderately well indurated.

253-308m Siltstone, Claystone - Well indurated, thinly laminated tan, light brown and medium gray. Does not part along laminations, minor micas and much harder than above units.