LITHOLOGICAL SUMMARY:

7053-7070 feet. Sandstone: light grey, fine to very fine subrounded to subangular, fairly well sorted clay choked coarser down section grading to medium to coarse, loose grains, calcareous and siliceous.

7070-7200 feet. Shale interbedded with sandstone as above.

7200-7240 feet. Shale, minor sandstone. Shale is dark grey to brown, very fine sandy in part sparsely micaceous, carbonaceous, pyritic. Also mid-dark grey silty in part. Sandstone is grey white, fine to very fine, sunrounded to subangular, fairly well sorted some medium to coarse loose white clay matrix moderately abundant, porosity fair to good, permeability good.

7240-7290 feet. Shale minor sandstone, siltstone coal 25%, siltstone is light grey to buff, argillaceous, sparsely carbonaceous, micaceous pyritic.

7290-7315 feet. Interbedded siltstone, shale, minor sandstone as above.

7315-7433 feet. Interbedded shale, siltstone, sandstone and some loose sand, porosity fair permeability poor, clay choked.

7433-7453 feet. Core No. 11, Cut 20 feet, Rec. 20 feet.

7433-7438 feet. Thinly interbedded shale and sandstone as above, porosity good, permeability poor.

7438-7442 feet. Sandstone grey white to buff, coarse to granular grading to coarse with depth, clay grains 2 mm derived from felspar, permeable fair to poor porosity good.

7442-7450 feet. Shale mid grey abundant white clay grains to 3 mm across in their conglomeratic lenses. Trace carbonaceous plant debris. Intermixing lithology due to stripping.

7450-7450.3 feet. Subangular fine pebble conglomerate. Poorly sorted, light brown argillaceous matrix with abundant tourmaline. Porosity good permeability poor. Pebbles are 50% quartz and quartz felspar 40% feldspar - euhedral to subeuhedral up to 5 mm. 10% dark grey shale, acid - intermediate volcanics and red hematite stained quartzite tourmaline, dark red brown subangular grains up to 2-3 mm appears granite wash.