

- 460-480' lt. gray, medium grained sandstone, angular to sub-angular, poorly sorted, very sl. calcareous, with red-orange minor staining, friable, becoming very coarse and unconsolidated to conglomeratic.
- 480-500' same as above - becoming more conglomeratic and with some black carbonaceous stringers; very large piece of quartz.
- 500-520' lt. gray to white, medium grained sandstone, occasional coarse grained to conglomeratic, angular to sub-angular, moderately to poorly sorted, friable, non-calcareous to very, very sl. calcareous; occasional gray shale, and occasional black carbonaceous material, probably coal; occasional metal shavings from bit bearings in hole.
- 520-540' lt. gray to gray, fine-grained sandstone, angular, moderately sorted, hard, poor porosity, non-calcareous; gray siltstone and shale, hard to soft; with occasional black carbonaceous inclusions.
- 540-560' some gray shale and siltstone changing to white very coarse-grained sandstone, angular to sub-angular, sl. conglomeratic, calcareous, occasional red iron stains (some metal shavings from bit bearings), very friable to unconsolidated; changing to black coal, shiny, brittle at 550'.
- 600-580' black coal, shiny; changing to gray shale and siltstone, moderately hard to brittle; changing to lt. gray, fine grained sandstone, very friable, angular to sub-angular, moderately sorted, very calcareous.
- 580-600' lt. gray to white, very fine grained sandstone, angular to sub-angular, moderately sorted, very calcareous, gray to black shale soft to brittle with trace of coal.
- 600-620' lt. gray fine grained sandstone, angular to sub-angular, moderately sorted, sl. calcareous; black siltstone, hard, non-calcareous; lt. gray to greenish siltstone, non-calcareous (with abundant fine grained sand).