

- 220-240' gray sandstone, fine to medium grained, angular to sub-angular, poorly sorted, with occasional mica and black carbonaceous stringers (coal, gilsonite?), non-calcareous, moderately hard; and dk. gray siltstone, soft, non-calcareous.
- 240-260' dk. gray siltstone, soft, non-calcareous; with some v. friable medium grained sand; and some shiny black carbonaceous material (coal, gilsonite?).
- 260-280' dk. gray to gray siltstone, soft, very sl. calcareous, with some black carbonaceous material; and gray, fine grained sandstone, angular to sub-angular, poorly sorted, hard, very sl. calcareous, with some mica.
- 280-300' dk. gray siltstone, soft, non-calcareous, becoming more shaly.
- 300-320' dk. gray to gray siltstone and shale, soft, non-calcareous; gray, fine to medium grained sandstone, angular, poorly sorted, moderately hard, non-calcareous.
- 320-340' dk. gray siltstone; and shale, soft, non-calcareous; gray, fine to coarse grained sandstone, angular to sub-angular, poorly sorted, very sl. calcareous, moderately hard, with black carbonaceous stringers.
- 340-360' dk. gray shale, fissile, soft; and dk. gray siltstone, soft, non-calcareous; and very coarse grained sand, unconsolidated, sub-angular to sub-rounded, poorly sorted.
- 360-380' dk. gray shale; and siltstone, soft, non-calcareous; and white to lt. gray, fine to medium grained sandstone, angular to sub-angular, poorly sorted, very sl. calcareous, moderately hard.
- 380-400' (10%) dk. gray shale and siltstone, soft, non-calcareous; (90%) white to light gray and clear, very coarse grained sand, unconsolidated, sub-angular to sub-rounded, poorly sorted, calcareous.
- 400-420' dk. gray siltstone, soft, non-calcareous; white to light gray, fine to medium grained sandstone, angular to sub-angular, poorly sorted, friable, calcareous; with some coarse-grained, unconsolidated sand as above.
- 420-440' sandstone and siltstone, same as above, with sandstone less calcareous.
- 440-460' gray to dk. gray siltstone, soft, non-calcareous; gray to lt. gray, fine to medium grained sandstone, angular to sub-angular, poorly sorted, moderately hard to friable, non-calcareous; and some coarse grained unconsolidated sand, non-calcareous.