



Remarks
Survey Data, Mud Reports, Other Info.

FRIABLE; KAOLINITE CLAY MATRIX IN SOME SAMPLES WITH OTHERS DISPLAYING MORE GRAIN SUPPORT; MODERATE REACTION WITH HCL SUGGESTS SOME CALCITE CEMENT; CONTAINS SOME CARBONACEOUS SHALE INTERBEDDED.

NOTE = TOH @ 3400' TO CLEAN HOLE, CHECK BIT, C/O BATTERIES.
TG 298u

SILTSTONE @ 3480' = LIGHT GRAY TO GRAYISH OLIVE TO MODERATE BROWN TO DUSKY RED IN COLOR; DENSE TO CRUMBLY TENACITY; IRREGULAR TO EARTHY TO BLOCKY FRACTURE; MASSIVE TO WEDGE LIKE TO FLAKY CUTTINGS HABIT; DULL TO EARTHY LUSTER; MATTE TO SILTY TEXTURE; MASSIVE TO THIN STRUCTURE; GRADING INTO VERY FINE GRAINED SANDSTONE; SILICEOUS FRAMEWORK; NON EFFERVESCENT WITH DILUTE HCL.

CARBONACEOUS SHALE @ 3600' = MODERATE BROWN TO GRAYISH BROWN TO DUSKY BROWN IN COLOR; VERY TOUGH TO BRITTLE TENACITY; BLOCKY TO PLANAR FRACTURE; WEDGE LIKE TO FLAKY TO BLADED HABIT; EARTHY TO WAXY LUSTER; MATTE TO SMOOTH TEXTURE; THIN TO LAMINAE STRUCTURE; NO REACTION WITH HCL; CLEAR CARBONACEOUS FACES; INTERMINGLED WITH SILTSTONE AND SANDSTONE.

SANDSTONE @ 3650' = MEDIUM LIGHT GRAY TO WHITE TO TRANSLUCENT; DOMINATE QUARTZ FRAMEWORK WITH TRACE DARK LITHIC CLASTS; FINE TO MEDIUM FINE GRAINED WITH FAIR SORTING; SUBROUNDED TO SUBANGULAR WITH MODERATE TO LOW SPHERICITY; FIRMLY FRIABLE WITH OCCASIONAL SAMPLES WITH MODERATE HARDNESS AND EASILY FRIABLE; SLIGHT TO MODERATE REACTION WITH DILUTE HCL; SOME SPECIMENS HAVE A WHITE CLAY MATRIX WHILE OTHERS DISPLAY MORE GRAIN SUPPORT WITH SOME CALCITE CEMENT; TRACE AMOUNTS OF FELDSPARS IN SOME OF THE SAMPLES.

CARBONACEOUS SHALE @ 3810' = DARK GRAY TO DUSKY BROWN; BRITTLE TO SLIGHTLY CRUMBLY TENACITY; IRREGULAR FRACTURE; PLATY TO BLOCKY CUTTINGS HABIT; DULL TO SLIGHTLY WAXY LUSTER; SMOOTH TO SILTY TO CLAYEY TEXTURE; THIN STRUCTURE; SLIGHT REACTION WITH DILUTE HCL; INTERBEDDED WITH SANDSTONE.

SANDSTONE @ 3900' = MEDIUM LIGHT GRAY TO WHITE; DOMINATE QUARTZ FRAMEWORK; VERY FINE TO MEDIUM FINE GRAINED; FAIR TO WELL SORTED; TRACE DARK LITHIC CLASTS; SUBANGULAR TO SUBROUNDED WITH LOW TO MODERATE SPHERICITY; FIRMLY FRIABLE TO EASILY FRIABLE WITH SOME MODERATE HARD; MODERATE REACTION WITH HCL; CLAYEY MATRIX WITH CALCITE/SILICA CEMENT.

NOTE = TOOK 12BBL GAIN AT 4045' MD AND SHUT WELL IN.

NOTE = UNABLE TO CATCH SAMPLE AT 4020' DUE TO WELL CONTROL SITUATION.

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