

CUTTING SAMPLE DESCRIPTIONS

- 810-1410 Calcarenite to fine calcirudite; composed of loose comminuted calcareous, skeletal debris; principally bryozoa with pelycopods and minor gastropods and foraminifera, and rare echinoid? spines. General size range 1 - 4 mm. Trace rounded to sub-rounded, medium to very coarse grained quartz sand, partly embedded in a light brown dolomitic? argillaceous matrix; grey-green, sparsely carbonaceous and glauconitic, calcareous mudstone.
- 1410-1440 50% calcarenite, as above.  
50% limestone, (biosparite); light grey, skeletal, argillaceous, micritic, fine to very finely crystalline, slightly carbonaceous and glauconitic, moderately hard to friable. Scattered, very coarse skeletal debris.
- NB These limestone cuttings first noticed as trace in samples from 1350 feet when samples became noticeably muddier.
- 1440-1500 80% Argillaceous limestone; as above.  
20% Calcarenite; as above.
- 1500-1530 90% Limestone; biomicrite, light grey, argillaceous, micritic, sparsely carbonaceous and glauconitic, fossiliferous (principally bryozoa and pelycopods).  
10% Calcarenite; as above.
- 1530-1560 90% Micritic limestone; (biomicrite), as above.  
10% Calcarenite; as above.
- 1560-1740 100% Micritic limestone; as above, very finely sandy in part.
- 1740-1770 60% Micritic limestone; as above  
40% Limestone; light grey to grey-white, trace micritic, skeletal, fine to very finely crystalline, very finely 'granular' or saccharoidal.
- 1770-1830 100% Limestone; skeletal, as above, variable white micritic 'chalky' matrix. Porosity good, permeability poor to fair, depending on amount of sparry calcite cement and micritic matrix. Very finely sandy in part.
- 1830-1860 80% Limestone; skeletal, finely crystalline, as above.  
20% Limestone; light to medium grey, argillaceous, micritic, sparsely carbonaceous, generally richly glauconitic, fossiliferous, very finely sandy in part. Moderately abundant disseminated microscopic foraminifera completely replaced by glauconite. Dense. Trace of very coarse, calcareous, skeletal debris.
- 1860-2250 100% Limestone; micritic, fossiliferous, as above.
- 2250-2310 100% Limestone; as above, but samples very muddy due probably to interstitial marl.
- 2310-2340 80% Limestone; as above.  
20% Marl; grey-green and light grey, silty in part, sparsely pyritic, richly fossiliferous.