

6690-6700	20% <u>Sand</u> : clear orange, angular to subangular, some grains frosted, medium to coarse grained (this is the coarser fraction of the sandstone). 40% <u>Sandstone</u> ; light grey, fine grained, well sorted, medium rounded, siceritic, contains mainly quartz grains with a few orange chert grains, some glauconite. Cement is slightly calcareous. 20% <u>Mudstone</u> ; carbonaceous, brown-dark grey, fine grained, with flakes of carbonaceous material. 20% <u>Shale</u> ; medium-dark grey, fine grained, micaceous. (Cavings material; coal, fossil-bearing mudstone).
6700-10	As above
6710-20	No sample
6720-30	80% <u>Sandstone</u> ; as above 20% <u>Shale</u> ; as above Traces of shale (caving less but as above)
6730-50	As above
6750-60	60% <u>Sandstone</u> : as above 20% <u>Shale</u> : as above 20% <u>Coal</u> ; as above
6760-70	As above
6770-80	50% <u>Sandstone</u> : very fine to medium grained, occasionally coarse grained, as above 40% <u>Shale</u> : dark grey brown, with abundant carbonaceous material 10% <u>Coal</u>
6780-90	As above
6790-6800	As above
6800-10	70% <u>Sandstone</u> ; as above 30% <u>Shale</u> ; as above
6810-20	70% <u>Sandstone</u> ; as above 30% <u>Shale</u> ; as above Trace of pyrite
6820-30	As above. Sandstone is more calcareous - cement? Increase in coal 10%
6830-50	As above
6850-60	65% <u>Sandstone</u> ; as above. Some fragments of polyzoans. 25% <u>Shale</u> ; as above 10% <u>Coal</u> ; has been consistent at increased amount since 6820'
6860-70	75% <u>Sandstone</u> ; as above 20% <u>Shale</u> 5% <u>Coal</u>
6870-90	As above
6890-6900	80% <u>Sandstone</u> 20% <u>Shale</u> ; very little coal
6900-6910	80% <u>Sandstone</u> ; grain size is now very fine to coarse with much more fine material than before. 20% <u>Shale</u> : carbonaceous Very little coal.
6910-30	As above

Pumps were shut down for about an hour between samples.