

STRAHAN COAL EL - HOLE DD 81 ST1

Located at the junction of Ocean Beach and Macquarie Heads Roads, (358850E 5332220N) west of Strahan, this hole was diamond drilled for the first 6 metres, as no core could be recovered the remainder of the hole was rotary drilled. The hole was abandoned at a depth of 125 metres due to drilling difficulties.

Summary Log

- 0 - 3 m. Sand (Quaternary)
Light grey, medium grained and well sorted unconsolidated sand. Panning revealed unusually high proportion of heavy minerals.
- 3 - 4 m Sand (Quaternary)
Dark brown, medium grained and well sorted. Lignous material and staining producing the dark colouration. Unconsolidated.
- 4 - 12 m Sand (Quaternary)
Medium brownish grey unconsolidated sand. Slight carbonaceous content. Medium grained and well sorted.
- 12 - 20 m Sand (Quaternary)
Medium - pale brown, medium grained, well sorted unconsolidated sand. Lignous and woody fragments noticeable ($\pm 10\%$). Possible rare fragments of brown coal or carbonaceous clay. Intermittent gravel/pebble horizons between 14-18m which are not reflected in the samples.
- 20 - 40 m Sand (? Tertiary)
Unconsolidated grey-brown medium grained sand. Well sorted. Rare feldspathic and argillaceous clasts. Low heavy mineral content. Slight coarsening of grain size downwards.
- 40 - 125 m Sand (Tertiary)
Unconsolidated, grey-buff sand. Well sorted and medium grained. Generally as 20 - 40 m but with lower Feldspar or argillite content.
- Samples: 986001 - 986072 taken at 1m intervals from surface.
986072 - 986097 taken at 2m intervals commencing 72-74m.

Geophysical Log: The hole was not logged because of the ground conditions.