STRAHAN COAL EL 47/80 - RD 81 ST 6

This hole, located at 358500E, 5364500N, on the junction of the Strahan-Zeehan and Ashford roads, was rotary drilled to a depth of 78m. Further advance was not prevented by loss of the drill rods in the hole. Collared in Quaternary dune sands, the hole intersected the Quaternary-Tertiary contact at approximately 46m.

Summary Log

0 - 8m	Sand (Quaternary) Light buff in colour, unconsolidated dune sands. Medium to fine grained, fairly well sorted. Traces of lignous material at 3m. Low heavy mineral content.
8 - 14m	Lignous Sand (Quaternary) Fine grained, well sorted sand. Mid brown colouration produced by humic staining. Lignous fragments quite common, ca 5%. Unconsolidated.
14 - 20m	No water return, no samples.
20 - 36m	Sand (Quaternary) Unconsolidated, medium to fine grained, sand. Well sorted, buff coloured but slightly brownish in uppermost 4m, which carries traces of lignous material. Strong humic colouration of return water at 29m and 31m. Low heavy mineral content throughout.
36 - 46m	Sand and lignous sand (? Quaternary) Unconsolidated fine-medium grained sand, buff colour. Well sorted. Frequent thin (± 0.2m) lignous horizons as gauged by lignous fragments and discolouration of return water.
46 - 50m	Sand, clay rich (?Tertiary) Noticeably more consolidated, medium grained sand. Greyish colouration, not well sorted. Noticeably clay rich.

50 - 54m	Sand. Unconsolidated, medium grained sand. Fairly well sorted. Low heavy mineral content.
54 - 78m	Sand and clay rich sand. Generally medium or medium-fine grained sands. Buff or grey in colour and fairly well sorted. Clay content varies, where higher the sediment is noticeably more consolidated. No lignous material and very low heavy mineral content.
Samples:	986267 - 986272 taken at 2m intervals between 0-14m. 986273 - 986299 taken at 2m intervals between 20-76m.

Geophysical Log: Natural gamma and density logs run through the rods, but only down to 60m, revealed no obvious carbonaceous horizons.