

Hole No. ARC 031 Total depth 60m UDR650 5½ RC 900/350 compressor.

Geo: Finlay/Garton Vertical hole

Location: See Appendix 2.1

Date started 23rd June 2005 Date completed 24th June 2005

Depth (m) Lithology

0 – 0.5	Pisolitic gravels and mnr BR clays
0.5 – 3.5	White friable Cretaceous looking sst, rare large chips
3.5 – 7	Soft pale br clays after mudstone? Cret?
7 – 12	Orbr soft clays interbedded with RdBR greasy mudstone. Cret?
12 – 20	As 7-12 m but increasingly fresh weathered shale. Rare small sst bands
20 – 24	Grey shale, grey clay, yellow red Fe oxide clays
24 – 28	Grey-green shale (soft), minor yellow red Fe oxide clays
28 – 32	Dark grey shale, grey fine grained sandstone, minor yellow-red Fe oxide clay
32 – 36	Dark grey shale with fine layering, grey fine grained sandstone (no fine layers), < 1% Fe oxide clays
36 – 40	Dark grey shale (hard, unweathered), minor fine grained sandstone, < 1% Fe oxide clays
40 – 44	Dark green shale, minor fine grained sandstone, < 1% red Fe oxide clays
44 – 48	Dark grey shale, minor fine grained sandstone, < 1% red Fe oxide clays, (45-46 minor green shale), all hard fresh chips
48 – 52	Dark grey/green shale, dark grey/green sandstone (more siliceous than the shale)
52 – 56	Dark grey/green shale, dark grey/green sandstone
56 – 60	Dark grey/green shale, minor well layered grey/green sandstone.

End of hole