

Hole No. ARC 032 Total depth 66m UDR650 5½ RC 900/350 compressor.

Geo: Finlay/Garton Vertical hole

Location: ~See Appendix 2.1

Date started 24th June 2005 Date completed 24th June 2005

P 1 of 2

Depth (m)	Lithology
0 – 2	Red-brown ferruginous chert, friable yellow-white sandstone, minor calcite and pisolite
2 – 4	Yellow white medium to coarse grained friable sandstone, some chips with minor rounded quartz pebbles 3-5 mm
4 – 6	Soft grey-white layered shale, harder dark red Fe oxide shale
6 – 8	Red brown + grey clay, dark green grey shale
8 – 12	Red brown shale & clay, dark brown green Fe shale
16 – 20	Green grey shale, red brown shale, minor dark brown sandstone
20 – 24	Grey green shale, dark red sandstone, minor yellow Fe oxide (<2%)
24 – 28	Well layered grey green shale, minor dark grey sandstone, minor yellow clay
28 – 30	Well layered grey brown shale, grey siliceous sandstone with yellow Fe-oxide clays on bedding planes
30 – 31	Dark grey shale, some damp clay (possible water or moisture table)
31 – 34	Grey green sandstone, dark grey shale, minor <1% yellow clay
34 – 35	Dark grey shale with occasional green layers
35 – 36	Dark grey sandstone (harder than shale above), brown red Fe oxide clay (weathered shale)
36 – 44	Grey green shale, dark green shale, minor sandstone & yellow clay
44 – 46	Grey fine grained sandstone interlayered with green grey shale, minor fine Fe oxide veins and yellow clay
46 – 52	Grey fine grained sandstone, grey shale, minor brown green clay
52 – 59	Dark grey well layered shale

P 2 of 2.

- 59 – 60 Brown red fine grained sandstone, dark green grey fine grained sandstone, minor red clay <2%
- 60 – 63 Dark grey well layered sandstone (harder, fresher than above)
- 63 – 66 Dark green fine to medium grained sandstone with visible laths of darker green mineral (amphibole, tourmaline, cordierite?)

End of hole