

DRILL LOG SHEET

PROJECT: HIGHCLERE

Hole No: HG1

COLLAR CO-ORDINATES: 5427 500 m N
394 400 m E

LOCATION CODE: MQ03

COLLAR R.L.:

LOCATION: HAMPSHIRE GATE (DUDFIELD ROAD) MAP/PHOTO REFERENCE: HELLYER 1:100 000	DATE STARTED	7-12-82	HOLE SIZE		FROM	TO	TOTAL	CORE STORAGE	DEVONPORT		
	DATE FINISHED	23-12-82	NON CORE	PERCUSSION	0	85m	85m	NO OF TRAYS			
	TOTAL DEPTH	258.5 m						SAMPLE STORAGE	DEVONPORT		
HOLE SURVEY DATA			LOGGED BY	P.A.RUXTON	CORE	B Q	85 m	258.5m	173.5 m	ASSAY LAB.	COMLABS
INSTRUMENT:			CONTRACTOR	OVERLAND DRILLING CO.						ASSAY REPORTS	DEVONPORT
DEPTH	INSTRUMENT		RIG	SCOUT/WARMAN 250							
COLLAR	VERT.		DRILL CREW		CASING					MIN. & PET. LAB	FANDER
										MIN. & PET. REPORTS	DEVONPORT
					CASING LEFT						

GRAPHIC / LETTER SYMBOL LOGGING KEY

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STRUCTURE / ALTERATION CODE

- B BEDDING
- J JOINTING
- C CLEAVAGE
- F FOLIATION
- sh SHEARING
- q QUARTZ VEINS
- O OXIDATION

DRILLING SUMMARY:

072

285080

From	To	Interval (m)	Core Rec'd	% Rec'd	Sample No.	Compos No.	Assays							Weighted Assays/Ratios		% Estimates		Core Angles		T.S. Alt. P.S.	Description
							Sn	M	CaF ₂	Cu	Pb	Zn	Mo	Au							
85.0	81.6																				Predominantly massive green-grey basalt
87.6	90.5																				Strongly vesicular & weathered dk. grey basalt. Some amygdalae
90.5	92.7																				Light brown silt/mud unit with very thin basalt interlayers at 91.6 m (10 cm thick) and 92.5 m (15 cm thick)
92.7	122.5																				Predominantly massive fresh basalt with some vesicles/amygdalae weakly zoned. Some Fe staining bleaching, volcanic.
122.5	124.2																				Lignite/sediments (silt) sand, Basal pebble bed
124.2	143.6																				Predominantly massive grey-green basalt (slightly weathered -> speckled texture) Top of flow (124.8-127.5m) amygdaloidal and strongly weathered
143.6	149.0																				Amygdalae/vesicular basalt at top of interval (weathered) grading downward into massive green/grey basalt
150	181.5																				Strongly vesicular/weathered (partly amyg.) basalt to approx 153.7m. Sediment bands 151.3-157.7m (+ possibly 152.0-152.5m). Mn abundant. Bottom of interval (153.7-181.5m) generally massive green-grey basalt with some zones of small amygdalae (168-180m)
181.5	190.5																				Fine sand clay (laminated and thin bedded in part) with thin (2cm) lignitic bands
190.5	202.3																				Top of interval vesicular/weathered basalt to ~ 194.5m then massive mud fresh basalt to 201.5m then amyg. (coarse) to base, strongly weathered at base.
202.3	203.0																				Grey silty? Highly siliceous
203.0	212.0																				Minor strongly weathered basalt (green clay) with small pebbles approx 20cm (at top of interval) then soft sediment conglomerate (tertiary) - f.g. sst. and slit, then bedded f.g. sst (?) to 206.3m then fragmented weathered skarn horizon (as in 'c' horizon profile) becoming fresher with depth but remaining hematite (no magnetite) (core loss)
212.0	231.6																				Becoming massive fresh hematite/magnetite skarn with some strongly weathered geothite layers (core loss)
231.6	232.8																				Strongly weathered hematite skarn -> clay soil (core loss)
232.8	235.2																				Pyrroxene - magnetite skarnised sediment (core loss)
235.2	239.8																				M.S.M. sediments (psammite) with only minor pyx - magnetite skarning
239.8	246.0																				Pyrroxene - magnetite skarn (variable pyx - magnetite) Magnetite conk. between 243 - 246 m (core loss)
246.0	255.1																				Strongly kaolinitised weathered sediment
255.1	258.5																				Strongly weathered/kaolinitised sericitised granite

202.3

5 cm

Sheet 4 Sheets

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