

PROJECT: GUILDFORD

DIAMOND DRILL LOG - SAMPLING RECORD

HOLE NO: PDH HRW 1

From	To	Interl (m)	Core Rec'd	% Rec	Sample No.	Compos No.	Assays							SUSCEPTIBILITY (x 10 ⁻⁵ S.I.)		% Estimates		Core Angles		T.S		Description
							Sn	W	CaF ₂	Cu	Pb	Zn	Mo	Au							Alt	
0.00	1.5				4060									600								Yellow/brown soil and basalt chips.
1.5	2.0				4061									470								Soil/basalt chips
2.0	4.0				4062									670								Basalt with thin clay interbeds.
4.0	6.0				4063									2000								Strongly weathered basalt - red/purple soil, limonite.
6.0	8.0				4064									1600								Red/purple/brown clay: weathered basalt.
8.0	10.0				4065									1100								Red/white/brown clay.
10.0	12.0				4066									1700								WATER TABLE 11.5m. Fresh basalt with some hem. Minor yellow clay.
12.0	14.0				4067									1900								Slightly weathered basalt with minor yellow/red clay.
14.0	16.0				4068									1800								Weathered basalt.
16.0	18.0				4069									1900								Strongly weathered basalt yellow/red/brown clay.
18.0	20.0				4070									2400								Red/yellow clay, blue amyg. basalt and c.g. basalt (Dolerite?)
20.0	22.0				4071									1800								C.g. basalt (or dolerite)
22.0	24.0				4072									1700								Sl amyg. basalt, minor qtz veins, yellow clay.
24.0	26.0				4073									2000								FLOW TOP - weathered amyg. basalt - red/yellow clay.
26.0	28.0				4074									1900								Basalt becoming fresher and less amyg.
28.0	30.0				4075									1100								Fresh c.g. massive basalt
30.0	32.0				4076									970								Fresh (amyg.) basalt.
32.0	34.0				4077									1600								Slightly amyg. basalt.
34.0	36.0				4078									480								Predom. fresh massive basalt.
36.0	38.0				4079									730								FLOW TOP Coarse amyg. basalt (weathered) and interflow green/brown clay (36.8-37.1m)
38.0	40.0				4080									760								Weathered amyg. basalt.
40.0	42.0				4081									710								Weathered (amyg.) basalt.
42.0	44.0				4082									610								Red weathered (amyg.) basalt with grey clay.
44.0	46.0				4083									1300								Red weathered amyg. basalt, fresher towards base.
46.0	48.0				4084									2000								Weathered basalt (red)
48.0	50.0				4085									1200								Weathered basalt (red) becoming fresher. Some brown clay (20cm)
50.0	52.0				4086									770								Brown clay (50-51m) grading to fresh predom. massive basalt at 51.5m.
52.0	54.0				4087									510								Fresh (amyg.) basalt, minor brown clay.
54.0	56.0				4088									440								Fresh (amyg.) basalt.
56.0	58.0				4089									200								Mod. weathered (speckled) massive basalt. Minor amyg.
58.0	60.0				4090									250								Predom. massive slightly weathered basalt with some strongly weathered (red) amyg. basalt.
60.0	62.0				4091									350								FLOW TOP Mod. weathered (pale grey) amyg. basalt.
62.0	64.0				4092									350								Slightly weathered (speckled) massive basalt. Minor amyg.
64.0	66.0				4093									450								Slight-mod. weathered massive basalt. Minor amyg.
66.0	68.0				4094									450								? FLOW TOP Mod-strongly weathered (red-brown) amyg. basalt and massive basalt.
68.0	70.0				4095									550								Slight-mod. weathered (speckled-pale grey) massive basalt. Minor amyg. only.
70.0	72.0				4096									550								Mod. weathered (pale grey) amyg. basalt.
72.0	74.0				4097									1000								Predom. fresh-slightly weathered massive basalt. Trace mod. weathered and strongly weathered basalt. Minor amyg.
74.0	76.0				4098									1000								Slight-mod. weathered massive basalt with some amyg.
76.0	78.0				4099									1000								Massive fresh basalt. Minor amyg.
78.0	80.0				4100									850								FLOW TOP Strongly amyg. weathered basalt.
80.0	82.0				4101									500								Strongly weathered amyg. basalt.
82.0	84.0				4102									350								Strongly weathered basalt and some mod. fresh basalt. Strong bleaching some amyg. Poor recovery.
84.0	86.0				4103									350								? FLOW TOP Strongly amyg. basalt, mod. to strongly weathered. Poor recovery.
86.0	88.0				4104									300								Predom. fresh massive basalt. Minor bleaching and amyg. (trace)
88.0	90.0				4105									400								Predom. massive basalt with some amyg. basalt and strongly weathered (clay) amyg. basalt. Poor recovery.
90.0	92.0				4106									250								Mod. fresh amyg. basalt.
92.0	94.0				4107									300								Mod. fresh amyg. basalt with minor clay and sst?
94.0	96.0				4108									250								Pred. fresh amyg. grey blk. basalt. Minor sediment some weathering.
96.0	98.0				4109									250								Weathered amyg. basalt & mod. fresh amyg. basalt. Weathering & amyg. increasing.
98.0	100.0				4110									200								Contact at 98m between cream clays with abundant wood frag. at cont. & overlying basalt.
100.0	102.0				4111									50								Interbedded cream clay & v.f.g. sst. Some lignite but minor.
102.0	104.0				4112									10								Cream clay / v.f.g. sst. overlying predom. qz pebble bed (103m). Mature grains - 5mm
104.0	106.0				4113									140								Pebble bed as above.
106.0	108.0				4114									40								
108.0	110.0				4115									10								
110.0	112.0				4116																	
112.0	114.0				4117																	grading to brown clay (11m) - weathered basalt.
																						Brown clay grading to hard mod. fresh (amyg.) basalt.

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From	To	Interval (m)	Core Rec'd	% Rec	Sample No.	Compos No.	Assays							Weighted Assays/Ratios			% Estimates			Core Angles		T.S Alt/P.S	Description
							Sn	W	CaF ₂	Cu	Pb	Zn	Mo	Au									
109.8	119.5																						Massive dark grey-green basalt
119.5	125.3																						Flow top Strongly amyg/vesicular basalt at top of interval. 121.5-122.5m approx then massive [Note core loss 119.5-121.5m] basalt.
125.3	136.6																						? Flow top Strongly (amyg)/vesicular basalt at top of interval (125.3-127.5m) passing downward into massive mod fresh basalt.
136.6	145.2																						Vesicular dark green-grey-black basalts at top of interval 136.6-139.8m (with minor lava breccia) passing downward into massive fresh basalt.
145.2	146.2																						Strongly vesicular basalt (weathered) core loss
146.2	146.5																						? 'Peal' bed (or strongly weathered Mn basalt) Some f.g.-m.g. sand assoc
146.5	152.2																						Strongly vesicular basalt at top (with some bleaching, core loss) becoming more massive towards bottom of interval. Minor py in vesicles.
152.2	156.0																						Strongly vesicular basalt at top becoming more massive towards bottom of interval.
156.0	160.3																						Strongly vesicular basalt at top becoming more massive towards bottom of interval.
160.3	169.0																						Predom vesicular basalt over upper half of interval with strong weathering, bleaching. Lava breccia suggests possible pillow lava. Bottom 2m of interval massive.
169.0	172.7																						Strongly vesicular basalt at top half of interval then becoming massive
172.7	186.4																						Sequence of predominantly stronger vesicular basalt (some amygdales) some core loss, and thin ~0.5m massive basalt units. Some basalt rotten.
END OF HOLE																							

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