ROCK BOREHOLE LOG

PROJECT : AGS3.1 RTA Import
LOCATION : Cut 123
HOLE NO.: BH 2
FILE / JOB NO.: Demo 1

POSITION : E: 381574.05, N: 6415610.71 (56 AMG84) | SURFACE ELEVATION : 25.55m (AHD) | ANGLE FROM HORIZONTAL : 90°

DATE STARTED : 25/07/06 | DATE COMPLETED : 25/07/06 | DATE LOGGED : 25/07/06 | LOGGED BY : ABC | CHECKED BY :

CONTRACTOR : Company A | DRILLER : EFG | RIG TYPE : DB515 Track

CASING DIAMETER : | BARREL LENGTH : 1.5 | BIT : IMPREG | BIT CONDITION : GOOD

DRILLING

PROGRESS: DRILLING &CASING; WATER

TOTAL CORE RECOVERED (%)

SAMPLES & FIELD TESTS

RL (m)

DEPTH (m)

MATERIAL

GRAPHIC LOG

MATERIAL DESCRIPTION
SOIL/ROCK TYPE; colour, grain characteristics, structure, minor components

WEATHERING

STRENGTH Is^{50}
● - Axial
○ - Diametral
EL | VL | L | M | H | VH | EH
0.03 | 0.1 | 0.3 | 1 | 3 | 10

DEFECT & OBSERVATION

NATURAL FRACTURE (mm)
20 | 40 | 100 | 300 | 1000

VISUAL

STRUCTURE
& Other Observations

DRILLING &CASING	WATER	TOTAL CORE RECOVERED (%)	SAMPLES & FIELD TESTS	RL (m)	DEPTH (m)	MATERIAL DESCRIPTION	WEATHERING	STRUCTURE & Other Observations
AD/T / NW	100% LOSS		**1.35m** SPT () 6,5,4 N=9	24	1	CI - silty CLAY, medium plasticity, brown and dark brown. Silt, medium plasticity; scatter of fine to coarse grained sand.		1.30m: Hard ground
					2	2.0m - 2.3m: AS ABOVE. sand content increasing with depth		
				23	3	SC-SM - clayey SAND, fine and medium grained, brown and pale brown with some grey. Clay, low plasticity; Slight and low plasticity.		
RR	100%Polymer LOSS (CASING AT 3.20m)		**2.85m** SPT () 0,1,3 N=4	22	4	CL - clayey SAND, pale brown and grey with some red-brown. With some low plasticity sandy clay layers.		
			4.20m	21	5	CL - sandy CLAY, low plasticity, pale grey. Sand, , fine and medium grained.		
				20	6	SC-SM - clayey SAND, fine to coarse grained, pale grey pale brown and pale red-brown. Clay, low plasticity; Non and low plasticity layers. Variable fine to coarse grained sand. Scatter of gravel.		
			5.70m SPT () 3,3,4 N=7			OL - silty CLAY, medium plasticity, dark grey. Silt, medium plasticity; organic.		
					6	CI-CH - silty sandy CLAY, medium to high plasticity, dark brown and dark grey. Silt, medium to high plasticity, , fine to coarse grained; Some organic material. Scatter of gravel.		
			6.45m	19	7	SANDY SILTSTONE META, dark grey.		
NMLC	100%Polymer LOSS (CASING AT 3.20m)	100	**7.15m**			SANDY SILTSTONE META, dark grey with red brown and grey-brown, 45deg - 70deg bedding. Scatter of Fe sealed joints at 40deg - 90deg., Fine grained sand, and META SILTSTONE.	SW / SW to EW / SW	6.64-6.93m, JT, 25°-90°, CU,VR, Also IR & S WITH CLAY POCKETS 7.00m, JT, 25°, CU,VR 7.12-7.50m, JT, 30°-60°, PR,RF, Joints also IR 7.34m, JT, 5°, PR,RF 7.38m, JT, 90°, PR,S 7.43m, JT, 55°, PR,S 7.67m, JT, 5°, PR,RF 7.70m, JT, 50°, PR,SL 7.75m, DB
		100		18	8			7.84m, JT, 5°, PR,S 7.88m, JT, 60°,SL 7.93m, JT, 10°, PR,S 7.95m, JT, 55°, PR,SL 8.42m, JT, 5°, PR,S
	100%Polymer LOSS (CASING AT 3.20m)		**8.05m**			SILTSTONE, grey and dark grey, Some disturbed bedding. Occassional meta-silty sandstone interbedding. Scatter of MS sealed sub-vertical joints. Evidence of iron pyrites in closed joints., and SANDY SILTSTONE META.	SW to F	8.59m, JT, 20°, IR,RF 8.66m, DB 8.71m, DB 8.78m, JT, 45°, PR,S 8.91m, JT, 40°, IR,RF, & DB 9.00m, HB 9.10m, HB 9.33m, JT, 55°, PR,S, & DBs
		100		17	9			9.50m, JT, 75°, PR,SL 9.55m, DB 9.57-10.15m, JT, 10°-90°, PR,RF, TRACE CLAY ALSO IR, S & SL
		100	**9.55m**	16				

See Symbology & Classification notes for details of abbreviations & basis of descriptions.

Geroc Dev

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CONTRACTOR : Company A | DRILLER : EFG | RIG TYPE : DB515 Track

CASING DIAMETER : | BARREL LENGTH : 1.5 | BIT : IMPREG | BIT CONDITION : GOOD

DRILLING						MATERIAL				DEFECT & OBSERVATION		
PROGRESS: DRILLING &CASING	PROGRESS: WATER	TOTAL CORE RECOVERED (%)	SAMPLES & FIELD TESTS	RL (m)	DEPTH (m)	GRAPHIC LOG	MATERIAL DESCRIPTION SOIL/ROCK TYPE; colour, grain characteristics, structure, minor components	WEATHERING	STRENGTH Is^{50} ● - Axial ○ - Diametral EL 0.03 VL 0.1 L 0.3 M 1 H 3 VH 10 EH	NATURAL FRACTURE (mm) 20 40 100 300 1000	VISUAL	STRUCTURE & Other Observations
ML	10 0			1 15 11 14 12 13 13 12 14 11 15 10 16 9 17 8 18 7 19 6	1 11 12 13 14 15 16 17 18 19		[CONT] SILTSTONE, grey and dark grey, Some disturbed bedding. Occassional meta-silty sandstone interbedding. Scatter of MS sealed sub-vertical joints. Evidence of iron pyrites in closed joints., and SANDY SILTSTONE META. End Of Hole: 10.15m	SW to				

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Box 1, 0.00-0.00m

Box 2, 0.00-0.00m