



SOIL BOREHOLE LOG

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PROJECT : AGS3.1 RTA Example

HOLE NO. : BH 2

LOCATION : Cut 123

FILE / JOB NO. : Demo 1

POSITION : E: 319889.46, N: 6441065.39 (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

DRILLING										MATERIAL			OBSERVATION	
PROGRESS		DRILLING & CASING	WATER	DRILLING PENETRATION GROUND WATER LEVELS	SAMPLES & FIELD TESTS	RL (m)	DEPTH (m)	GRAPHIC LOG	CLASSIFICATION SYMBOL	MATERIAL DESCRIPTION SOIL/ROCK TYPE; colour, grain characteristics, structure, minor components	MOISTURE CONDITION	CONSISTENCY / RELATIVE DENSITY	STRUCTURE & Other Observations	
AD/T		NW	100% LOSS	26/07/2006	1.35m SPT () 6,5,4 N=9	25	1			Silty CLAY, medium plasticity, brown and dark brown. Silt, medium plasticity; scatter of fine to coarse grained sand.			1.3m: Hard ground	
RR														
100% Polymer LOSS (CASING AT 3.20m)		NW	100% Polymer LOSS (CASING AT 3.20m)	25/07/2006	2.85m SPT () 0.1,3 N=4	23	2			Clayey SAND, fine and medium grained, brown and pale brown with some grey. Clay, low plasticity; Slight and low plasticity.	VL			
100% Polymer LOSS (CASING AT 3.20m)		NW	100% Polymer LOSS (CASING AT 3.20m)	25/07/2006	4.20m	22	3			Clayey SAND, pale brown and grey with some red-brown. With some low plasticity sandy clay layers.	W			
100% Polymer LOSS (CASING AT 3.20m)		NW	100% Polymer LOSS (CASING AT 3.20m)	25/07/2006	5.70m SPT () 3,3,4 N=7	21	4			Sandy CLAY, low plasticity, pale grey. Sand, fine and medium grained.	MD			
100% Polymer LOSS (CASING AT 3.20m)		NW	100% Polymer LOSS (CASING AT 3.20m)	25/07/2006	6.45m	20	5			Silty CLAY, medium plasticity, dark grey. Silt, medium plasticity; organic.	M	S and F		
100% Polymer LOSS (CASING AT 3.20m)		NW	100% Polymer LOSS (CASING AT 3.20m)	25/07/2006	7.15m	19	6			Silty Sandy CLAY, medium plasticity, dark brown and dark grey. Silt, medium plasticity, fine to coarse grained; Some organic material. Scatter of gravel.				
100% Polymer LOSS (CASING AT 3.20m)		NW	100% Polymer LOSS (CASING AT 3.20m)	25/07/2006	8.05m	18	7			Sandy CLAY, high plasticity, uniform, red, moist, very soft.				
100% Polymer LOSS (CASING AT 3.20m)		NW	100% Polymer LOSS (CASING AT 3.20m)	25/07/2006	9.55m	17	8			See next page for rock logging below 6.35m				
100% Polymer LOSS (CASING AT 3.20m)		NW	100% Polymer LOSS (CASING AT 3.20m)	25/07/2006		16	9							

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

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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				MATERIAL				DEFECT & OBSERVATION				
PROGRESS		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	NATURAL FRACTURE (mm)	VISUAL	STRUCTURE & Other Observations
DRILLING & CASING	WATER											
AD/T NW	100% LOSS		1.35m SPT () 6,5,4 N=9	25	1							1.30m: Hard ground
RR	100% Polymer LOSS (CASING AT 3.20m)		2.85m SPT () 0,1,3 N=4	24	2							
	100% Polymer LOSS (CASING AT 3.20m)		4.20m	23	3							
	100% Polymer LOSS (CASING AT 3.20m)		5.70m SPT () 3,3,4 N=7	22	4							
	100% Polymer LOSS (CASING AT 3.20m)		6.45m	21	5							
	100% Polymer LOSS (CASING AT 3.20m)	100	7.15m	20	6							
	100% Polymer LOSS (CASING AT 3.20m)	100	8.05m	19	7							
	100% Polymer LOSS (CASING AT 3.20m)	100	9.55m	18	8							
	100% Polymer LOSS (CASING AT 3.20m)	100		17	9							
	100% Polymer LOSS (CASING AT 3.20m)	100		16								

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

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CHECKED BY :

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		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		NATURAL FRACTURE (mm)	VISUAL	STRUCTURE & Other Observations
DRILLING & CASING	WATER												
↓							[CONT] SILTSTONE. grey and dark grey. Some End Of Hole: 10.15m	SW to					
				15									
					11								
				14									
					12								
				13									
					13								
				12									
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					15								
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					18								
				7									
					19								
				6									