

PROJECT NO. [REDACTED]

LOCATION : MIDDLE REACH DUBLIN GULCH

CO-ORDINATES (m): 459,850.9E - 7,101,483.0N

DRILL DESIGNATION : CS-10

START DATE : 10 Jul 11

GROUND ELEVATION (m) : 917.8m

DRILLING CONTRACTOR : Lyncorp

FINISH DATE : 11 Jul 11

SURVEY METHOD : DGPS

DRILL METHOD : Rotary Diamond

FINAL DEPTH (m) : 35.1

DATUM : UTM NAD 83

CORE : HQ3

DEPTH TO TOP OF ROCK (m) : 16.8

PLUNGE (°) : -90

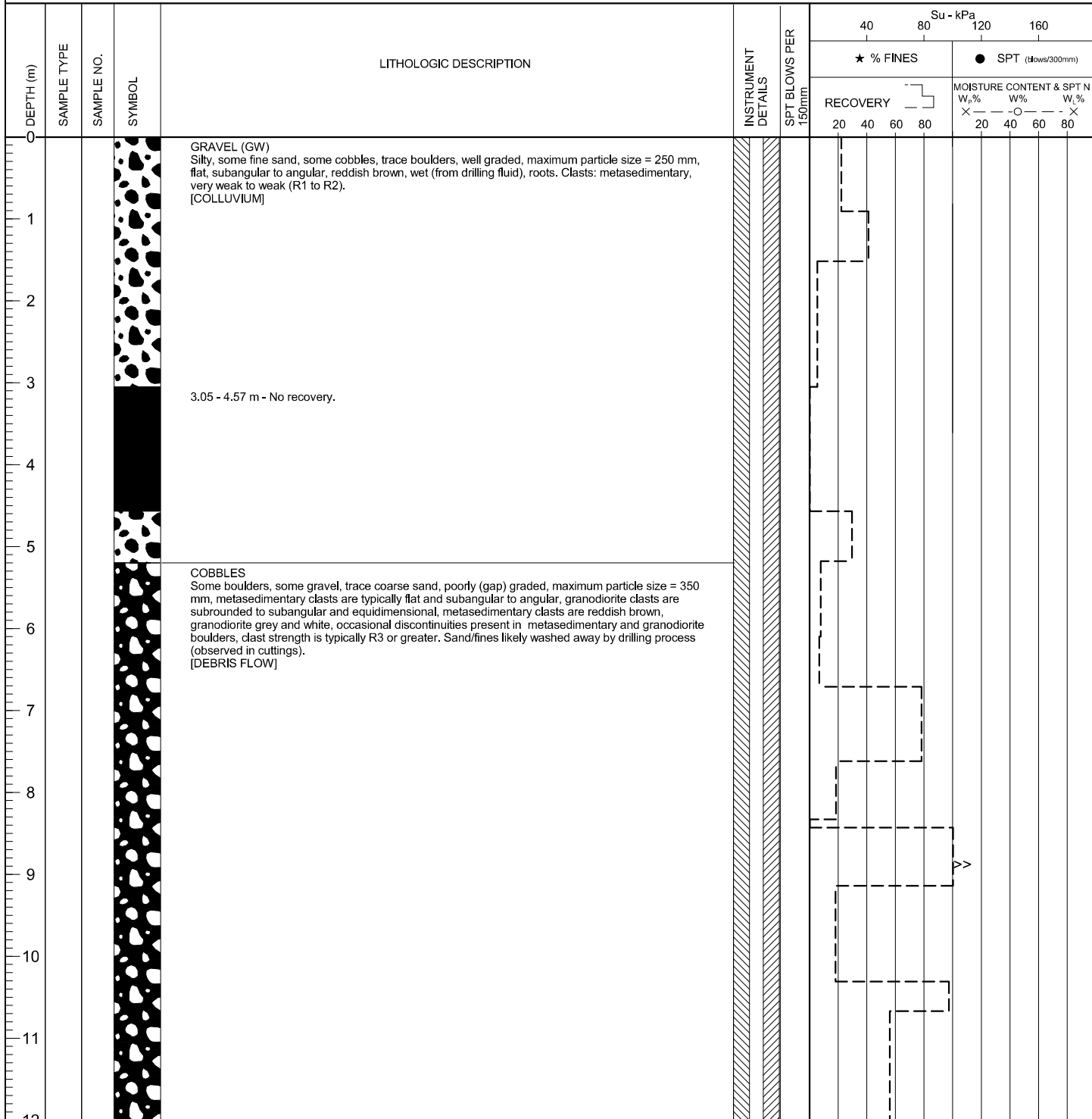
FLUID : Water/Polymer

LOGGED BY : [REDACTED]

TREND (°) : N/A

CASED TO (m) : 6.10

REVIEWED BY : [REDACTED]



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EGP/SOIL/EGP_SOIL/GDL BGC.GDT 12/20/12

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REVIEWED BY : [REDACTED]

DEPTH (m)	SAMPLE TYPE	SAMPLE NO.	SYMBOL	LITHOLOGIC DESCRIPTION	INSTRUMENT DETAILS	SPT BLOWS PER 150mm	Su - kPa						
							★ % FINES		● SPT (blows/300mm)				
							RECOVERY		MOISTURE CONTENT & SPT N				
							20	40	60	80	W _p %	W _l %	W _u %
12													
13													
14													
15													
16													
17				Rock encountered at 16.80 m depth. Refer to rock log.									
18													
19													
20													
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23													
24													

EGR/SOIL/ EGR_SOIL.GDL BGC.GDT 12/2012

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REVIEWED BY [REDACTED]

DEPTH (m)	INSTRUMENT DETAILS	SYMBOL	CORE DESCRIPTION	CORE RECOVERY %		WEATHERING GRADE	POINT LOAD INDEX					FRACTURE FREQUENCY (FF/M)	Average Joint Condition (Jc)				RMR	DEPTH (m)												
				CORE RECOVERY %	RQD %		I ₅₀ (MPa)																							
				20	40	60	80	1	2	3	4	5	R1	R2	R3	R4	R5	20	40	60	80	5	10	15	20	20	40	60	80	
12			0 to 16.80 m - See BH-BGC11-31 soil log.																											
17		∨ ∨	METASEDIMENTARY ROCK Phyllite, light bluish grey with iron oxide staining, very weak to weak (R1-R2), highly weathered (W4), foliated/bedded texture, highly fractured core recovery, occasional random joints, generally parallel to bedding/foliation, infill is typically iron oxide staining, clay, broken and disintegrated rock, joints typically smooth and planar, typical fracture spacing <20 mm, much of recovery is coarse gravel-sized pieces.																											
18		∨ ∨																												
19		∨ ∨																												
20		∨ ∨	19.81 - 21.34 m - Highly fractured zone.																											
21		∨ ∨																												
22		∨ ∨																												
23		∨ ∨	22.86 - 30.48 m - Highly fractured zone.																											
24		∨ ∨																												

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ESP (ROCK) ESP_ROCK.GDL BGC.GDT 1/20/12

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				RQD %			MPa																			
				20	40	60	80	1	2	3	4	5	20	40	60	80	5	10	15	20	20	40	60	80		
36			3) TP-BGC11-145 is located on this drill pad.																							36
37																										37
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ESP (ROCK) ESP_ROCK.GDL BGC.GDT 1/20/12