

PROJECT NO.: [REDACTED]

LOCATION : DUBLIN GULCH VALLEY BOTTOM

CO-ORDINATES (m): 458,745.2E - 7,100,934.4N

DRILL DESIGNATION : CS-10

START DATE : 12 Jul 11

GROUND ELEVATION (m) : 818.7m

DRILLING CONTRACTOR : Lyncorp

FINISH DATE : 13 Jul 11

SURVEY METHOD : DGPS

DRILL METHOD : Rotary Diamond

FINAL DEPTH (m) : 24.4

DATUM : UTM NAD 83

CORE : HQ3

DEPTH TO TOP OF ROCK (m) : 19.8

PLUNGE (°) : -90

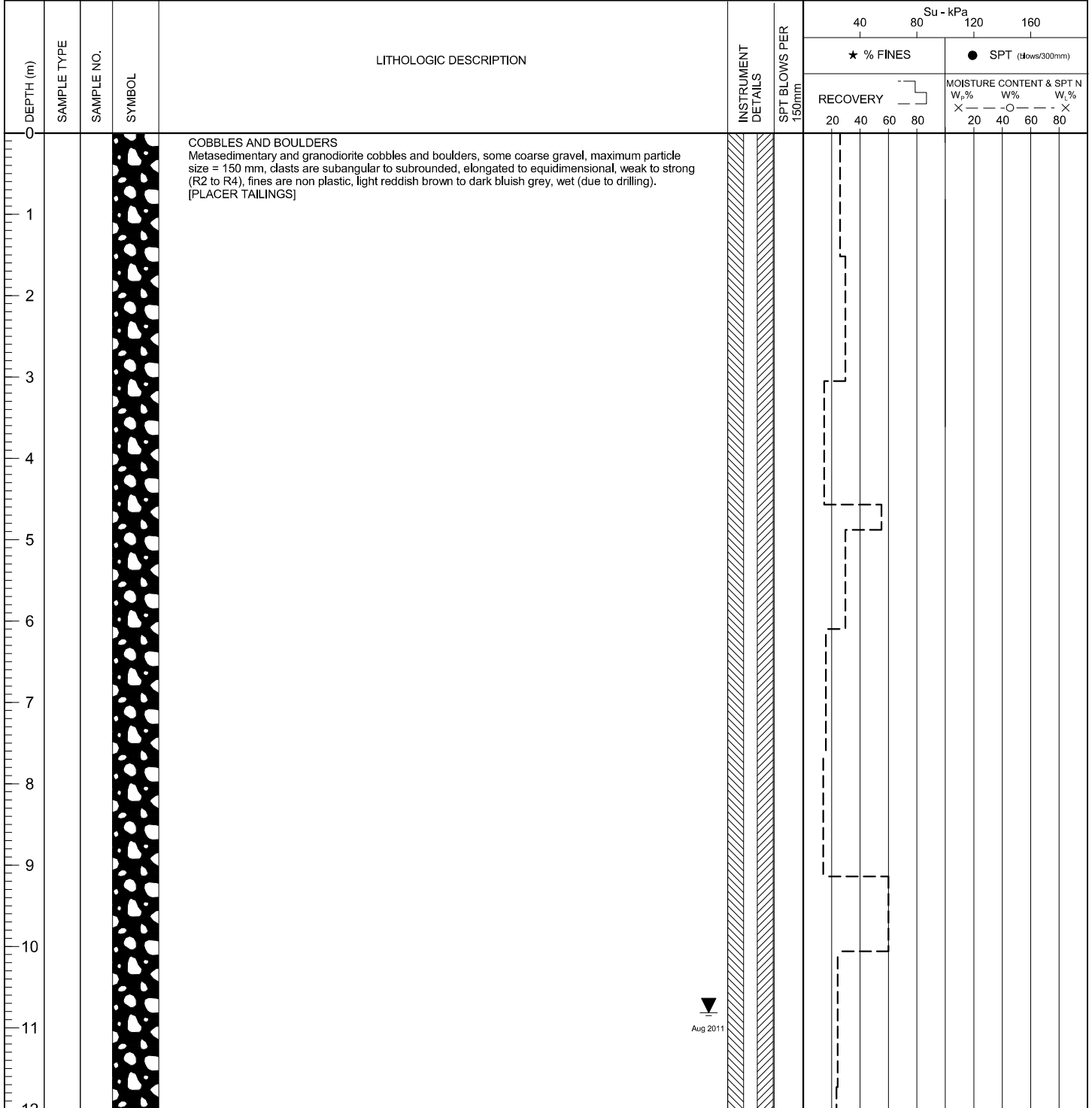
FLUID : Water/Polymer

LOGGED BY : [REDACTED]

TREND (°) : N/A

CASED TO (m) : 14.63

REVIEWED BY : [REDACTED]



▼
Aug 2011

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EGP (SOL), EGP_S01L.GDL BGC.GDT 12/2012

PROJECT NO. [REDACTED]

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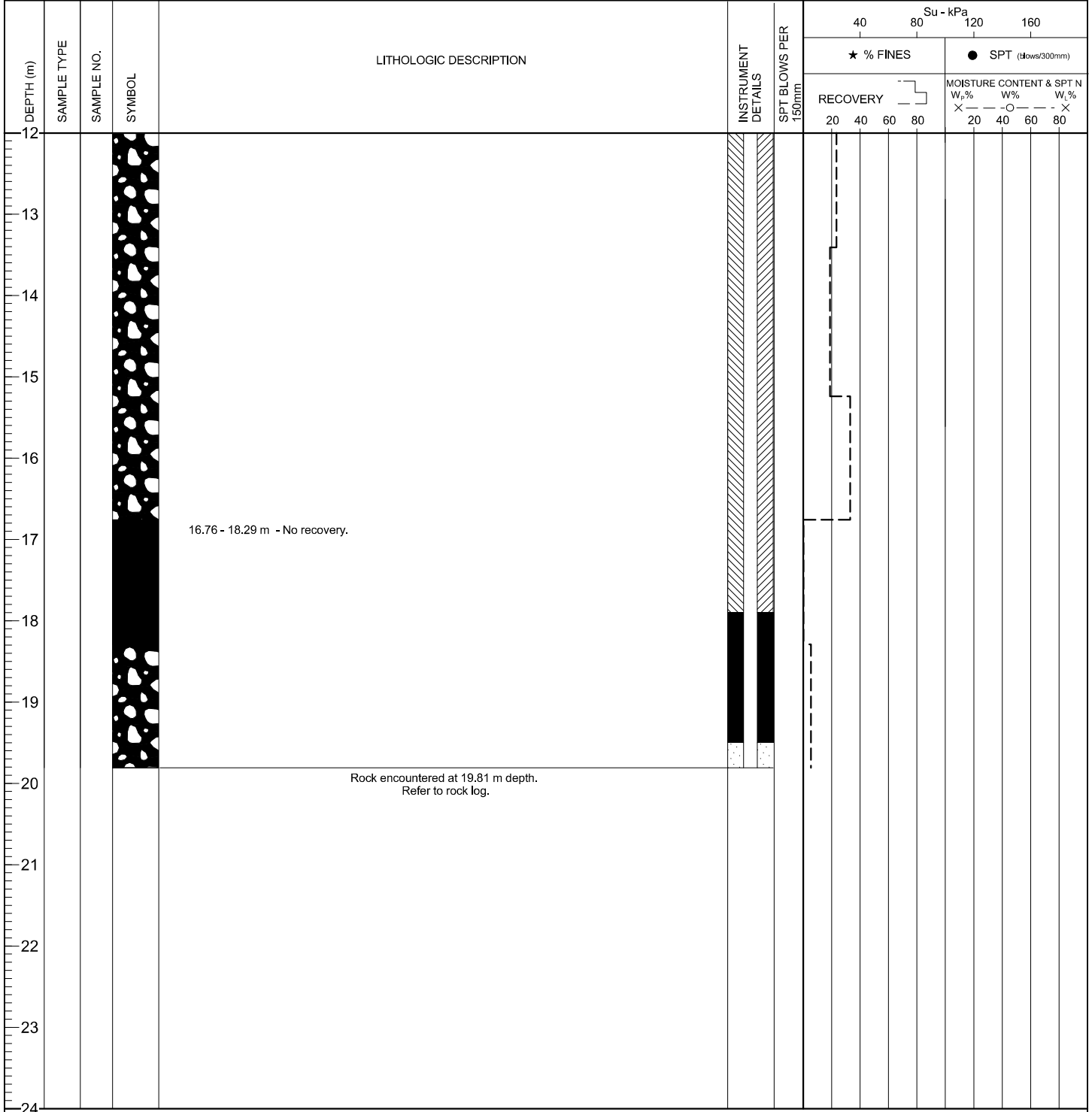
FLUID : Water/Polymer

LOGGED BY : [REDACTED]

TREND (°) : N/A

CASED TO (m) : 14.63

REVIEWED BY : [REDACTED]



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

PROJECT NO. [REDACTED]

LOCATION : DUBLIN GULCH VALLEY BOTTOM

CO-ORDINATES (m) 458,745.2E - 7,100,934.4N
 GROUND ELEVATION (m) : 818.7m
 SURVEY METHOD : DGPS
 DATUM : UTM NAD 83
 PLUNGE (°) : -90
 TREND (°) : n/a

DRILL DESIGNATION : CS-10
 DRILLING CONTRACTOR : Lyncorp
 DRILL METHOD : Rotary Diamond
 CORE SIZE : HQ3
 FLUID : Water/Polymer
 CASSED TO (m): 14.63

START DATE : 12 Jul 11
 FINISH DATE : 13 Jul 11
 FINAL DEPTH (m) : 24.4
 DEPTH TO TOP OF ROCK (m) : 19.8
 LOGGED BY : [REDACTED]
 REVIEWED BY : [REDACTED]

DEPTH (m)	INSTRUMENT DETAILS	SYMBOL	CORE DESCRIPTION	CORE RECOVERY %		WEATHERING GRADE	POINT LOAD INDEX I ₅₀ (MPa)					FRACTURE FREQUENCY (FF/M)	Average Joint Condition (Jc)				RMR	DEPTH (m)
				CORE	RQD %		R1	R2	R3	R4	R5		20	40	60	80		
12																	12	
13																	13	
14																	14	
15																	15	
16			0 to 19.81 m - See BH-BGC11-32 soil log.														16	
17																	17	
18																	18	
19																	19	
20		✓ ✓	METASEDIMENTARY ROCK Dark grey, fine grained, foliated, weak (R0.5 - R1), highly weathered (W4), siliceous, some carbonate alteration, typically 2 joint sets: foliation at 60 to 85° and joint at 24 to 45° to core axis, JRC = 2-20, averaging 12.														20	
21		✓ ✓															21	
22		✓ ✓	21.34 - 24.38 m - Highly fractured zone.														22	
23		✓ ✓															23	
24		✓ ✓															24	

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

PROJECT NO.: [REDACTED]

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CO-ORDINATES (m) 458,745.2E - 7,100,934.4N

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START DATE : 12 Jul 11

GROUND ELEVATION (m) : 818.7m

DRILLING CONTRACTOR : Lyncorp

FINISH DATE : 13 Jul 11

SURVEY METHOD : DGPS

DRILL METHOD : Rotary Diamond

FINAL DEPTH (m) : 24.4

DATUM : UTM NAD 83

CORE SIZE : HQ3

DEPTH TO TOP OF ROCK (m) : 19.8

PLUNGE (°) : -90

FLUID : Water/Polymer

LOGGED BY : [REDACTED]

TREND (°) : n/a

CASED TO (m): 14.63

REVIEWED BY : [REDACTED]

DEPTH (m)	INSTRUMENT DETAILS	SYMBOL	CORE DESCRIPTION	CORE RECOVERY %		WEATHERING GRADE	POINT LOAD INDEX I_{50} (MPa)					FRACTURE FREQUENCY (FF/M)	Average Joint Condition (Jc)	RMR	DEPTH (m)
				CORE RECOVERY %	RQD %		0.1	0.6	1.5	3.0	7.0				
24	[Symbol]	∨ ∨	End of borehole at 24.4 m. Notes: 1) Hole completed at target depth. 2) Installation of 2" PVC for standpipe piezometer and downhole seismic investigation.			1									24
25															25
26															26
27															27
28															28
29															29
30															30
31															31
32															32
33															33
34															34
35															35
36															36

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