

PROJECT NO.		ID.		FED. NO.		CO.		FIELD SUPERV.	
SITE DESCRIPTION Site 1: Bridge on SBL US 421 over AC&WR									
BORING NO.		BORING LOCATION		OFFSET		ALIGNMENT		GROUND WATER (m)	
B2-A		18+15.8		16.4m LT		-L-		0 HR. N/M	
COLLAR ELEV.		TOTAL DEPTH		NORTHING		EASTING		24 HR.	
84.01 m		23.14 m		200646.043		583099.260		4.60	
DRILL MACHINE		DRILL METHOD		HAMMER TYPE		FINAL CASING DEPTH			
CME 550x		HSA/NQ Wireline		Automatic		14.98 m			
DATE STARTED		COMPLETED		DRILLING FLUID DENSITY		SURFACE WATER DEPTH			
10/7/02		10/8/02		Tap Water		N/A			
CORE SIZE		TOTAL RUN		DRILLER					
NQ		6.58 m		J. White					
ELEV. (m)	DEPTH (m)	RUN (m)	DRILL RATE (Min./0.3m)	RUN		SAMP. NO.	STRATA		DESCRIPTION AND REMARKS
				REC. (m) %	RQD (m) %		REC. %	RQD %	
69.03									Begin Coring @ 69.03 m
69.03	14.98	0.53	4.34	(0.50) 94%	N/A		0.42 100%	N/A	Weathered Rock-Grey Severely Weathered Soft Friable Triassic Mudstone with Close and Very Close Fracture Spacing
			6:35/0.23						5 JTS @ 0-10° 2 JTS @ 40-50° 1 JT @ 20°
68.50	15.51					N=30	N/A	N/A	Residual-Very Stiff (and Hard) Grey Fine Sandy SILT (A-4)
68.05	15.96	1.07	2:13	(0.80) 75%	N/A				
			1:38						
			4:12						
66.98	17.03		3:29/0.16			N=100/ 12			Weathered Rock-Red-Grey Severely Weathered Medium Hard and Soft Moderately Indurated and Friable Triassic Mudstone with Close and Very Close Fracture Spacing
							2.79 80%	N/A	11 JTS @ 20-30° 11 JTS @ 0-10° 3 JTS @ 50-60° 1 JT @ 75° Other Jts. Not Discernible
66.86	17.15	1.40	2:52	(1.30) 93%	N/A				
			3:17						
			3:40						
			4:03						
			7:57/0.18						
65.46	18.55					N=100/ 20			
65.26	18.75	1.32	6:30	(1.22) 92%	N/A				
			5:00						
			4:57						

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BORING NO.		BORING LOCATION		OFFSET		ALIGNMENT		GROUND WATER (m)	
B2-A		18+15.8		16.4m LT		-L-		0 HR. N/M	
COLLAR ELEV.		TOTAL DEPTH		NORTHING		EASTING		24 HR.	
84.01 m		23.14 m		200646.043		583099.260		4.60	
DRILL MACHINE		DRILL METHOD		HAMMER TYPE		FINAL CASING DEPTH			
CME 550x		HSA/NQ Wireline		Automatic		14.98 m			
DATE STARTED		COMPLETED		DRILLING FLUID DENSITY		SURFACE WATER DEPTH			
10/7/02		10/8/02		Tap Water		N/A			
CORE SIZE		TOTAL RUN		DRILLER					
NQ		6.58 m		J. White					
ELEV. (m)	DEPTH (m)	RUN (m)	DRILL RATE (Min./0.3m)	RUN		SAMP. NO.	STRATA		DESCRIPTION AND REMARKS
				REC. (m) %	RQD (m) %		REC. %	RQD %	
									Continued from previous page
			3:57						
63.94	20.07		2:13/0.10			N=74	N/A	N/A	Residual-Hard Red-Grey Fine Sandy SILT (A-4)
63.49	20.52	1.07	7:43	(0.61) 57%	N/A				
			6:41						
			7:32						
62.42	21.59		3:42/0.16			N=100/ 18	1.13 68%	N/A	Weathered Rock-Red-Grey Severely Weathered Medium Hard and Soft Friable and Moderately Indurated Triassic Mudstone with Close and Very Close Fracture Spacing
									11 JTS @ 0-10° 4 JTS @ 20-30° 3 JTS @ 40-50° 1 JT @ 90° Other Jts. Not Discernible
62.09	21.92	1.19	3:41	(0.99) 83%	N/A				
			4:23						
			4:07						
			5:11/0.28						
60.90	23.11								
									Coring Terminated at Elev. 60.90m in Weathered Rock (Triassic Mudstone)

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