

**LOGO**

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# LOG OF BOREHOLE B-1

1 OF 2

PROJECT: **gINT Example** JOB NO.: **1234-ABCD**

LOCATION: **Somewhere, USA** COORDINATES: **N 123,456 E 654,321** ANGLE FROM HORIZ: **Vertical** BEARING: **-----**

STARTED: **6-9-98** COMPLETED: **6-10-98** DRILLER: **I. Core** DRILL MAKE AND MODEL: **ACME Z-999** SIZE: **6 in.** OVERBURDEN: **9.5** ROCK (FT.): **86.6** TOTAL DEPTH: **96.1**

CORE RECOVERY (FT./%): **60.6/76** CORE BOXES: **7** SAMPLES: **6** EL. TOP CASING: **124.3** GROUND EL.: **123.4** DEPTH/EL. TOP OF ROCK: **9.5/113.9** DEPTH/EL. GROUND WATER: **▽ 21.0/102.4 ATD**

SAMPLE HAMMER WEIGHT/FALL: **140 lbs.** BACKFILL DETAILS: **Observation Well** LOGGED BY: **A. Bore** **▽ 19.0/104.4 1 day AD**

SAMPLE TYPE	SAMPLE ADV. LENGTH CORE	SAMPLE REC. CORE REC.	SAMPLE BLOWS/6 inches CORE RECOVERY	WATER PRESSURE TESTS			ELEVATION	DEPTH	SAMPLE GRAPHICS	DESCRIPTION AND CLASSIFICATION	REMARKS
				LOSS (G.P.M.)	PRESS (P.S.I.)	TIME (MIN.)					
SH	2.0	2.0	Push						0.0-5.0: SANDY SILT(ML) loose, non-plastic, fine sand, brown, dry		
SS	1.5	1.5	5-8-8				118.4	5		Lost water	
SH	2.0	1.8	Push						5.0-9.5: FAT CLAY(CH) high plasticity, brown and gray mottled, moist		
SS	1.5	1.5	6-9-13				113.9	10			
SH	2.0	2.0	Push						9.5-13.3: SILTSTONE highly weathered, weak, tan, with clay interbeds		
SS	1.5	1.4	4-4-6				110.1	15			
							108.4		13.3-15.0: CALICHE moderately weathered, weak, tan		
							107.4		15.0-16.0: COAL weathered, black		
NQ	5.0	4.9	98	4.2	6	7	104.3	20	16.0-32.3: SANDSTONE moderately weathered, weak, thinly bedded, gray		
				4.8	6	9			18.9-19.1: carbonaceous		
NQ	5.0	4.4	88					25	19.8: gypsum laminae along horizontal bedding		
									20.2: gypsum laminae along horizontal bedding		
									20.5: gypsum laminae along horizontal bedding		
									21.6: gypsum laminae along horizontal bedding		
NQ	5.0	4	80	0.1	13	5	91.1	30			
NQ	5.0	3.5	70					35	32.3-41.5: COAL hard, brittle, black, with some pyrite	Cased to 26 feet	
NQ	5.0	5	100	0.6	10	5		40			
NQ	2.5	2.4	96				81.9	45	41.5-61.5: SANDSTONE moderately weathered, weak to moderately strong, fine-grained, horizontal bedding, light gray, with interbeds of siltstone	41.5-69.8: 50% water return	
NQ	5.0	4.8	96					50			
NQ	5.0	4.5	90					55			
NQ	5.0	4.6	92					60			
NQ	3.5	3.1	89				61.9	65			
NQ	2.4	2.4	100				59.9	65	61.5-63.5: COAL seam		
NQ	5.0	3.8	76					70	63.5-89.5: SANDSTONE		
NQ	4.7	0.7	15							69.8-89: 65% water return	

LAGNN09 LAGNN09.GPJ LAGNN09.GDT 7/22/04

