

# LOG OF BORING

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Logo

Project Name: <u>gINT Example</u>		Project Number: <u>XY 987(6)</u>	
Borehole Location: <u>STA. 13+95, 20.8 m. Lt. PTW Centerline</u>		Borehole Number: <u>B-1</u>	Sheet <u>1</u> of <u>1</u>
Drilling Equipment: <u>ACME Z-99</u>		Hammer Type: <u>Automatic</u>	Driller: <u>I. Core</u> Logger: <u>A. Bore</u>
Drilling Fluid: <u>Water</u>		Borehole Diameter (mm): <u>203</u>	Date Started: <u>8/12/99</u> Date Finished: <u>8/13/99</u>

Elevation and Datum: Ground: 376.29 MSL Casing: 376.57 MSL Notes: Legal Description - 98A76B54CDE. Elevation and Station provided by District Survey.

DEPTH (m)	DRILL		CORE PERCENT RECOVERY	ROCK QUALITY DESIGNATION (RQD)	SAMPLE RECOVERY (%)	STANDARD PENETRATION TEST	DRY DENSITY (kN/m <sup>3</sup> )	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (m)	REMARKS
	OPERATION	RATE (fph)												
0.0														
1.2					100	5-10-5	15	NP	NP			Sandy GRAVEL, coarse, subangular, damp, tan, medium dense. grades more sandy	1.2	Hollow stem auger with bullet bits.
2.7					100	3-4-3	27					Gravelly SAND, medium to coarse, subangular, damp, tan, medium dense.	2.7	
3.6					100	37-50/0.1 m.	15.7	30	53	18		CLAY, moist, gray, medium stiff, high plasticity, medium dry strength, slow dilatency, medium toughness.	3.6	qu = 12 kPa @ 3.1 m.
4.6					95		27					SHALE, moderately fissile, slightly weathered, hard field hardness, black, horizontal bedding.	4.6	
4.9					100								4.9	Switched to NW triple tube core barrel with surface set bit @ 4.9m.
6.0					88								6.0	

**Bottom of Hole Elevation = 368.67m**

Operation Types:

- Auger
- Casing Advancer
- Core Barrel
- Drive Casing

Sampler Types:

- Split Spoon
- Shelby
- Bulk Sample
- Grab Sample
- Penetrometer
- Vane Shear
- Special Samplers
- Testpit

### WATER LEVEL OBSERVATIONS

While Drilling	▽ 3.7 m	Upon Completion of Drilling	▽ 3.0 m
Time After Drilling	2 hrs	6 hrs	24 hrs
Depth To Water (m)	3.0	2.9	2.7
			2.8

Remarks: Hole caved to 3.6m 48 hrs after drilling.