



LOCATION: Old Crow

LOGGED BY: A. Campbell

GROUND ELEVATION: 245.43 masl

PROJECT NUMBER: 650750

DRILLER: Midnight Sun

TOP OF PIPE: 246.36 masl

DATE DRILLED: September 16, 2014

DRILLING METHOD: Hollow Stem Auger

COORDINATES: Northing: 7495068.19 m Easting: 549124.90 m

DEPTH (mbgs)	SAMPLES			SOIL DESCRIPTION	STRATA PLOT	WELL CONSTRUCTION DETAILS		ORGANIC VAPOUR READING (ppm)			
	Recovery (%)	TYPE	SPT Blow Count			(masl) ELEV.	DEPTH (mbgs)	Steel stick up casing	100	200	300
1	50	[Pattern]	3	FILL: 7.5YR(3/3) dark brown mottled with 15% 7.5YR(6/4) light brown, trace gravel, poorly sorted, medium firm, moist, subangular gravel <1.25	[Pattern]	245.13	Pit run gravel securing stick up Bentonite seal 10/20 Silica sand filter pack Machine slotted 2-inch diameter PVC pipe #10 slot well screen	0			
			2	SILT: 7.5YR(3/2) dark brown, gravelly with some organics, poorly sorted, medium firm, subrounded, moist	[Pattern]	0.30					
	33	[Pattern]	3	SILT: 7.5YR(7/8) reddish yellow mottled with 50% 7.5YR(6/4) light brown, gravelly with fine sand, well sorted, subangular to subrounded, medium firm, moderate plasticity, moist	[Pattern]	244.82					
			6			0.61					
	50	[Pattern]	4	SAND AND GRAVEL: 7.5YR(5/3) brown mottled with 10% 7.5YR(6/6) reddish yellow, coarse sand, trace silt, subangular to subrounded, well sorted, moist, loose	[Pattern]	244.31					
			8			1.12					
			15			243.70					
			16			1.73					
	2			Solid stem auger to 2.59m, sloughing conditions encountered, switch to hollow stem auger		242.84					
				Hollow stem auger to 3.05m		2.59					
3	100	[Pattern]	2	SAND: 7.5YR(5/3) brown, fine, trace silt, well sorted, loose, wet	[Pattern]	242.38					
			3	SILTY SAND: 7.5YR(5/3) brown, fine to coarse sand, trace gravel, poorly sorted, medium firm, wet	[Pattern]	242.08					
			5		3.35						
			5	241.77							
4	67	[Pattern]		Hollow stem auger to 4.57m		3.66					
				SAND: 7.5YR(5/3) brown, medium to fine grained, poorly sorted, loose, wet	[Pattern]	240.86					
				4.57							
				SAND: 7.5YR(5/3) brown, coarse grained, trace gravel, angular to subrounded, well sorted, wet	[Pattern]	240.55					
				4.88							
				240.25							
5	67	[Pattern]		Hollow stem auger to 6.10m		5.18					
				SAND: 7.5YR(5/3) brown, medium to fine grained, well sorted, loose, wet	[Pattern]	239.33					
				6.10							
				SAND AND GRAVEL: 7.5YR(5/2) brown mottled with 2.5YR(4/8) red, some silt, medium firm, subrounded to subangular, wet	[Pattern]	239.03					
	6.40										
	238.72										
6	67	[Pattern]		Hollow stem auger to 7.62m		6.71					
				SAND: 7.5YR(5/3) brown, medium to fine grained, well sorted, loose, wet	[Pattern]	237.81					
				7.62							
7	50	[Pattern]	3	SANDY SILT: 7.5YR(5/1) gray, fine grained, some gravel, well sorted, subrounded, medium firm, wet	[Pattern]	237.51					
			6			7.62					

Notes:
 1. Information to be used for interpretation of environmental conditions only
 2. "80/20/0" depicts ratio of gravel % / sand % / fines %

PREPARED BY:

REVIEWED BY:

BRANTCIT_MW(M) OLD_CROW.GPJ_404543_MASTER_GDT_11/14/14



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	Recovery (%)	TYPE	SPT Blow Count			(masl) ELEV.	DEPTH (mbgs)	100	200	300	400			
7			7	GRAVEL: 7.5YR(5/4) brown, some silt and sand, subangular to subrounded, medium firm, wet Hollow stem auger to 9.14m										
8			8											
9														
10	100		7	SAND: 7.5YR(5/3) brown, with gravel and silt, poorly sorted, light firmness, wet CLAYEY SAND: 7.5YR(5/8) strong brown, some gravel, poorly sorted, very firm, wet SAND: 10YR(8/1) white, fine grained, well sorted, frozen End of borehole at 9.75 mbgs										
			10											
			37											
			220											
11														
12														
13														
14														
15														

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