



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	(masl) ELEV. DEPTH (mbgs)	WELL CONSTRUCTION DETAILS		ORGANIC VAPOUR READING (ppm)				
	Recovery (%)	TYPE	SPT Blow Count				Steel stick up casing	100	200	300	400		
50			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		245.13	Pit run gravel securing stick up						
			2			0.30							
33			2	SILT: 7.5YR(3/2) dark brown, gravelly with some organics, poorly sorted, medium firm, subrounded, moist		244.82	Bentonite seal						
			3			0.61							
			6										
			7										
50			6	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		244.31							
			8			1.12							
			8										
			15										
2			16	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		243.70							
			8			1.73							
3				Solid stem auger to 2.59m, sloughing conditions encountered, switch to hollow stem auger		242.84							
						2.59							
3				Hollow stem auger to 3.05m		242.38							
						3.05							
100			2	SAND: 7.5YR(5/3) brown, fine, trace silt, well sorted, loose, wet		242.08	10/20 Silica sand filter pack						
			3			3.35							
			5			241.77							
			5			3.66							
4				Hollow stem auger to 4.57m		240.86							
						4.57							
67				SAND: 7.5YR(5/3) brown, medium to fine grained, poorly sorted, loose, wet		240.55	Machine slotted 2-inch diameter PVC pipe #10 slot well screen						
						4.88							
						240.25							
						5.18							
5				Hollow stem auger to 6.10m		239.33							
						6.10							
6			2	SAND: 7.5YR(5/3) brown, medium to fine grained, well sorted, loose, wet		239.03							
			4			6.40							
			7			238.72							
			9			6.71							
7				SAND AND GRAVEL: 7.5YR(5/2) brown mottled with 2.5YR(4/8) red, some silt, medium firm, subrounded to subangular, wet		237.81							
						7.62							
50			3	SANDY SILT: 7.5YR(5/1) gray, fine grained, some gravel, well sorted, subrounded, medium firm, wet		237.51							
			6										

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

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REVIEWED BY:



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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		7.93									
8		8	237.20												
9															
10	100		7	SAND: 7.5YR(5/3) brown, with gravel and silt, poorly sorted, light firmness, wet		236.29									
10			10	CLAYEY SAND: 7.5YR(5/8) strong brown, some gravel, poorly sorted, very firm, wet		9.14									
10			37			236.13									
10			220	SAND: 10YR(8/1) white, fine grained, well sorted, frozen		9.30									
10				End of borehole at 9.75 mbgs		235.83									
10						9.60									
10						235.68									
10						9.75									

⊕ 15.7

1-inch diameter PVC pipe thermistor port

BRANTCIT_MM(M) OLD_CROW.GPJ_404543_MASTER_GDT.GDT_11/14/14

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REVIEWED BY: