

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-01/10
Project Client: Government of Yukon - AAM	Northing: 6881119	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388656	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1150.935 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data						Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)				Joon (RMR 1989)	Angle With Core Axis (degrees °)			Solid Core Recovery (%)
1	1150		Overburden														Coordinates and Elevation from 2013 YES survey.
2	1149																
3	1148																
4	1147																
5	1146																
6	1145																
7	1144		Heavily weathered, very weak rock, iron oxide, brownish red in colour.														
8	1143																
9	1142																
10	1141																
			<ul style="list-style-type: none"> -End of hole at 10.0 m depth. -Installed 1.5" diameter monitoring well, 10 Slot from 7 to 10 m. -Sand pack from 5.6 to 10 m. -Bentonite seal placed with coated pellets from 2.8 to 5.6 m. -Cement-bentonite grout backfill from 2.8 m to surface. -Protective monument installed at collar with 0.55 m stick up. 														

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Start Date: 2013-09-30	Logged By: D. Kennedy
Completion Date: 2013-09-30	Reviewed By: Paul Morton
Completion Depth: 10 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-01/40
Project Client: Government of Yukon - AAM	Northing: 6881125	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388638	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1150.935 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data						Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments
		Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Jcon (RMR 1989)				Angle With Core Axis (degrees °)	Solid Core Recovery (%)		
1	1150	Overburden														Coordinates and Elevation from 2013 YES survey. Heavily fractured and heavily weathered bedrock. No packer testing performed due to highly incompetent bedrock. Van Ruth Plug installed at 13m. Water pressure would not allow deeper installation. Grout backfill to surface above plug.
2	1149															
3	1148															
4	1147															
5	1146															
6	1145															
7	1144	Heavily weathered, very weak rock, iron oxide, brownish red in colour.														
8	1143		1							R0	W5		0	0		
9	1142															
10	1141															
11	1140		2							R0	W5		0	0		
12	1139															
13	1138		3							R1	W4		13	9		
14	1137		4							R1	W4		10	14		
15	1136			JN	R	S	FeO	1	10							
16	1135		5	JN	R	P	FeO	1	10							
17	1134			JN	R	P	FeO	1	10				10	24		
18	1133															
19	1132		6							R1	W4		4	0		
20	1131		7							R1	W4		0	0		

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Start Date: 2013-09-05	Logged By: T. Kostya
Completion Date: 2013-09-07	Reviewed By: Paul Morton
Completion Depth: 40 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-01/40
Project Client: Government of Yukon - AAM	Northing: 6881125	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388638	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1150.935 m

Depth (m)	Elevation (m)	Graphic Plot	Lithology Profile		Discontinuity Data							Rock Strength (ISRM)	Weathering (ISRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
			Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Jcon (RMR 1989)	Angle With Core Axis (degrees °)				Solid Core Recovery (%)	Rock Quality Designation (%)			
21	1130		Heavily weathered, very weak rock, iron oxide, brownish red in colour. (CONTINUED)	8												0	0		
22	1129			9												0	0		
23	1128			10												11	0		
24	1127			11	JN JN JN	R R R	I P I	FeO FeO FeO	1 1 1	10 10 10	• • •	R1 R1 R1	W4 W4 W4			36	25		
25	1126																		
26	1125			12								R1	W4			21	8		
27	1124																		
28	1123			13								R1	W4			3	0		
29	1122																		
30	1121			14								R1	W4			0	0		
31	1120			15								R1	W4			0	0		
32	1119			16								R1	W4			11	0		
33	1118																		
34	1117			17	JN JN JN JN JN JN JN JN JN JN JN	R R R R R R R R R R R	I P S I I I I I I I I	FeO FeO FeO FeO FeO FeO FeO FeO FeO FeO FeO	1 1 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10	• • • • • • • • • • •	R2 R2 R2 R2 R2 R2 R2 R2 R2 R2 R2	W4 W4 W4 W4 W4 W4 W4 W4 W4 W4 W4			32	31		
35	1116																		
36	1115			18	JN JN JN JN JN JN JN JN JN JN JN	R R R R R R R R R R R	I P C I P I P I P I P	FeO FeO FeO FeO FeO FeO FeO FeO FeO FeO FeO	1 1 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10	• • • • • • • • • • •	R2 R2 R2 R2 R2 R2 R2 R2 R2 R2 R2	W4 W4 W4 W4 W4 W4 W4 W4 W4 W4 W4			43	46		
37	1114			19	JN JN JN JN JN JN JN JN JN JN JN	R R R R R R R R R R R	I P I P I P I P I P I	FeO FeO FeO FeO FeO FeO FeO FeO FeO FeO FeO	1 1 1 1 1 1 1 1 1 1 1	10 10 10 10 10 10 10 10 10 10 10	• • • • • • • • • • •	R1 R1 R1 R1 R1 R1 R1 R1 R1 R1 R1	W4 W4 W4 W4 W4 W4 W4 W4 W4 W4 W4			6	0		
38	1113																		
39	1112			20								R1	W4			0	0		
40	1111																		

Artesian Conditions. Shut in Pressure of 16 PSI and flow rate of 1.2 L/s. Hole was plugged with a Van Ruth Plug, grouted to surface, and abandoned.

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Start Date: 2013-09-05	Logged By: T. Kostya
Completion Date: 2013-09-07	Reviewed By: Paul Morton
Completion Depth: 40 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-02/10
Project Client: Government of Yukon - AAM	Northing: 6881012	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388924	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1145.893 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joon (RMR 1989)				Angle With Core Axis (degrees °)	Solid Core Recovery (%)		
1	1145		Overburden														
2	1144																
3	1143																
4	1142																
5	1141																
6	1140																
7	1139		Heavily weathered, very weak rock, iron oxide, brownish red in colour.														
8	1138																
9	1137																
10	1136																
			<ul style="list-style-type: none"> -End of hole at 10.0 m depth. -Installed 1.5" diameter monitoring well, 10 Slot from 7 to 10 m. -Sand pack from 5.6 to 10 m. -Bentonite seal placed with coated pellets from 2.8 to 5.6 m. -Cement-bentonite grout backfill from 2.8 m to surface. -Protective monument installed at collar with 0.76 m stick up. 														

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Start Date: 2013-09-30	Logged By: D. Kennedy
Completion Date: 2013-09-30	Reviewed By: Paul Morton
Completion Depth: 10 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-02/WVP
Project Client: Government of Yukon - AAM	Northing: 6881013	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388923	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1145.904 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data						Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)				Joon (RMR 1989)	Angle With Core Axis (degrees °)			Solid Core Recovery (%)
1	1149		Overburden														Coordinates and Elevation from 2013 YES survey.
2	1144																
3	1143																
4	1142																
5	1141																
6	1140																
7	1139		Heavily weathered, very weak rock, iron oxide, brownish red in colour.														No Packer testing due to incompetent bedrock
8	1138																Vibrating wire piezometer installed at 6.83 m, serial # VW26477
9	1137																
10	1136																
11	1135																
12	1134																
13	1133																
14	1132																
15	1131																
16	1130																
17	1129																
18	1128																
19	1127																
20	1126																

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Start Date: 2013-09-29

Logged By: D. Kennedy

Completion Date: 2013-09-30

Reviewed By: Paul Morton

Completion Depth: 50 m

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-02/WVP
Project Client: Government of Yukon - AAM	Northing: 6881013	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388923	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1145.904 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments		
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Jcom (RMR 1989)				Angle With Core Axis (degrees °)	Solid Core Recovery (%)			Rock Quality Designation (%)	
21	1125		Heavily weathered, very weak rock, iron oxide, brownish red in colour. (CONTINUED)	10	JN	R	P	FeO	1	10		R2	W4			47		Packer Test #1 - Falling Head Test (1.9e-8m/s) Vibrating wire piezometer installed at 27.63 m, serial # VV26480 Packer Test #2 - Falling Head Test (2.0e-7m/s) Packer Test #3 - Constant Head Test (1.3e-6m/s) Vibrating wire piezometer installed at 37.33 m, serial # VV26482	
				JN	R	P	FeO	1	10										
22	1124			JN	R	I	FeO	1	10										
				JN	R	I	FeO	1	10										
23	1123			11	JN	R	I	FeO	1	10		R2	W4		85	87			
				JN	R	I	FeO	1	10										
24	1122			JN	R	P	FeO	1	10										
				JN	R	P	FeO	1	10										
25	1121			12	JN	R						R2	W4	1.E-08 m/s		34			
				JN	R														
26	1120			JN	R	I	FeO	1	10										
27	1119			13								R2	W4			10			
28	1118			14								R2	W4			0			
29	1117			15								R2	W4			10			
30	1116			16								R2	W4	1.E-07 m/s		13			
31	1115			17								R2	W4			0			
32	1114		18								R2	W4			0				
33	1113		19								R2	W4			0				
34	1112		20								R2	W4	1.E-06 m/s		14				
35	1111		21								R2	W4			21				
36	1110																		
37	1109																		
38	1108																		
39	1107																		
40	1106																		

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Start Date: 2013-09-29	Logged By: D. Kennedy
Completion Date: 2013-09-30	Reviewed By: Paul Morton
Completion Depth: 50 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-02/WVP
Project Client: Government of Yukon - AAM	Northing: 6881013	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388923	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1145.904 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data						Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)				Joon (RMR 1989)	Angle With Core Axis (degrees °)			Solid Core Recovery (%)
41	1109		Heavily weathered, very weak rock, iron oxide, brownish red in colour. (CONTINUED)	22													Packer Test #4 - No Flow between 40-50m
42	1104										R2	W4				17	
43	1103																
44	1102																
45	1101			23							R2	W4				20	
46	1100																
47	1099			24							R2	W4				0	
48	1098																
49	1097			25							R2	W4				0	Vibrating wire piezometer installed at 48.02 m, serial # VV26486
50	1096			26							R2	W4				0	
			<ul style="list-style-type: none"> -End of Hole at 50.0 m -Five nested vibrating wire piezometers strapped to 1" diameter PVC pipe. -Ten channel data logger installed at collar of hole, refer to Appendix E2 of SI Data Report for equipment specifications of logger and piezometers. -Hole backfilled from 50.0 m to surface with cement-bentonite grout. -Protective monument installed at collar of hole. 														

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Start Date: 2013-09-29	Logged By: D. Kennedy
Completion Date: 2013-09-30	Reviewed By: Paul Morton
Completion Depth: 50 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-03/10
Project Client: Government of Yukon - AAM	Northing: 6881106	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 389145	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1183.834 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Jcon (RMR 1989)				Angle With Core Axis (degrees °)	Solid Core Recovery (%)			Rock Quality Designation (%)
1	1183		Overburden															Coordinates and Elevation from 2013 YES survey.
2	1182		Heavily weathered, very weak rock, iron oxide, brownish red in colour.															
3	1181																	
4	1180																	
5	1179																	
6	1178																	
7	1177																	
8	1176																	
9	1175																	
10	1174																	
			<ul style="list-style-type: none"> -End of hole at 10.0 m depth. -Installed 1.5" diameter monitoring well, 10 Slot from 7 to 10 m. -Sand pack from 5.6 to 10 m. -Bentonite seal placed with coated pellets from 2.8 to 5.6 m. -Cement-bentonite grout backfill from 2.8 m to surface. -Protective monument installed at collar with 0.71 m stick up. 															

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Start Date: 2013-09-14	Logged By: T. Kostya
Completion Date: 2013-09-14	Reviewed By: Paul Morton
Completion Depth: 10 m	Page 1 of 1

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-03/50
Project Client: Government of Yukon - AAM	Northing: 6881108	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 389144	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1183.866 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data							Rock Strength (ISRM)	Weathering (ISRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Join (RMR 1989)				Angle With Core Axis (degrees °)	Solid Core Recovery (%)			Rock Quality Designation (%)
1	1183		Overburden	1											0	0		Coordinates and Elevation from 2013 YES survey.
2	1182		Heavily weathered, very weak rock, iron oxide, brownish red in colour.	2											0	0		
3	1181														0	0		
4	1180														0	0		
5	1179			3											0	0		
6	1178														0	0		
7	1177														0	0		
8	1176			4											10	0		
9	1175														0	0		
10	1174			5											0	0		
11	1173														0	0		
12	1172			6	JN JN	R R	P P	FeO FeO	<1 <1	20 20	• •	R2 W4			21	11		
13	1171			7											0	0		
14	1170														0	0		
15	1169			8											21	25		
16	1168														0	0		
17	1167		Metasedimentary Bedrock (Gneiss), fine to coarse grained matrix, dark and light foliations, dark greenish grey in colour, iron oxide staining along joints, medium strength rock, moderately weathered.	9	JN JN JN JN JN JN	R R R R R R	I P P P I I	FeO FeO FeO FeO FeO FeO	<1 <1 <1 <1 <1 <1	20 20 20 20 20 20	• • • • • •	R2 W3			41	54		
18	1166				JN	R	P	FeO	<1	20	•				0	0		
19	1165				JN JN JN JN JN JN	R R R R R R	I I P I I I	FeO FeO FeO FeO FeO FeO	<1 <1 <1 <1 <1 <1	20 20 20 20 20 20	• • • • • •							
20	1164			10	JN JN JN	R R R	I I I	FeO FeO FeO	<1 <1 <1	20 20 20	• • •	R3 W3			1.E-08 m/s	28	21	

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Start Date: 2013-09-11	Logged By: T. Kostya
Completion Date: 2013-09-13	Reviewed By: Paul Morton
Completion Depth: 50 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-03/50
Project Client: Government of Yukon - AAM	Northing: 6881108	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 389144	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1183.866 m

Depth (m)	Elevation (m)	Graphic Plot	Lithology Profile		Discontinuity Data							Rock Strength (ISRM)	Weathering (ISRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
			Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joon (RMR 1989)	Angle With Core Axis (degrees °)				Solid Core Recovery (%)	Rock Quality Designation (%)			
41	1143		Metasedimentary Bedrock (Gneiss), fine to coarse grained matrix, dark and light foliations, dark greenish grey in colour, iron oxide staining along joints, medium strength rock, moderately weathered. (CONTINUED)	JN	VR	P	FeO	<1	25	•	60								
42	1142			19	JN	R	S	FeO	<1	25	•	R5	W2	1.E-07 m/s	70	93			
43	1141			JN	R	P	FeO	<1	25	•									
44	1140			JN	R	P	FeO	<1	25	•									
45	1139			20	JN	R	S	FeO	<1	25	•	R5	W2		70	86		Packer Test #7 - Falling Head Test (1.1e-8 m/s)	
46	1138			JN	R	P	FeO	<1	25	•									
47	1137			21	JN	R	P	FeO	<1	25	•	R5	W2	1.E-08 m/s	60	82			
48	1136			JN	R	P	FeO	<1	25	•									
49	1135			22	JN	R	P	FeO	<1	25	•	R5	W2					Vibrating wire piezometer installed at 48.58 m, serial # VW26484	
50	1134			JN	R	P	FeO	<1	25	•									
			<ul style="list-style-type: none"> -End of Hole at 50.0 m -Installed 1" diameter monitoring well with 10 slot screen from 47 to 50 m. -Installed a vibrating wire piezometer at 48.58 m. -Installed a single channel data logger at collar of hole, refer to Appendix E2 for equipment specifications for the logger and piezometer -Sand backfill placed from 45.6 to 50 m. -Bentonite seal with coated pellets from 42.8 to 45.6 m. -Cement-bentonite grout installed from 42.8 m to surface. -Protective monument and data logger installed at collar of hole with 0.68 m stick up. 																

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Start Date: 2013-09-11	Logged By: T. Kostya
Completion Date: 2013-09-13	Reviewed By: Paul Morton
Completion Depth: 50 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-04/10
Project Client: Government of Yukon - AAM	Northing: 6881471	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 389137	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1225.630 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joon (RMR 1989)				Angle With Core Axis (degrees °)	Solid Core Recovery (%)			Rock Quality Designation (%)
1	1225		Overburden															Coordinates and Elevation from 2013 YES survey.
2	1224																	
3	1223																	
4	1222																	
5	1221																	
6	1220																	
7	1219		Heavily weathered, very weak rock, iron oxide, brownish red in colour.															
8	1218																	
9	1217																	
10	1216																	
			<ul style="list-style-type: none"> -End of hole at 10.0 m depth. -Installed 1.5" diameter monitoring well, 10 Slot from 7 to 10 m. -Sand pack from 5.5 to 10 m. -Bentonite seal placed with coated pellets from 2.8 to 5.5 m. -Cement-bentonite grout backfill from 2.8 m to surface. -Protective monument installed at collar with 0.58 m stick up. 															

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Start Date: 2013-09-17	Logged By: T. Kostya
Completion Date: 2013-09-17	Reviewed By: Paul Morton
Completion Depth: 10 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-04/35
Project Client: Government of Yukon - AAM	Northing: 6881470	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 389138	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1225.567 m

Depth (m)	Elevation (m)	Graphic Plot	Lithology Profile		Discontinuity Data							Rock Strength (ISRM)	Weathering (ISRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
			Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joon (RMR 1989)	Angle With Core Axis (degrees °)				Solid Core Recovery (%)	Rock Quality Designation (%)			
21	1205		Igneous - coarse grained matrix, speckled black and white in colour, iron oxide staining along joints, strong rock, moderately weathered. (CONTINUED)	10	JN	R	I	FeO	<1	20						83	90		Packer Test #4 - Falling Head Test (2.7e-8m/s)
22	1204			JN	R	S	FeO	<1	20										
23	1203		Igneous - coarse grained matrix, speckled black and white in colour, iron oxide staining along joints, strong rock, moderately weathered.	11	JN	R	P	FeO	<1	25						47	47		
24	1202			JN	R	P	FeO	<1	25										
25	1201			JN	R	P	FeO	<1	25										
26	1200			JN	R	P	FeO	<1	25										
27	1199		Metamorphic - Fine grain matrix, porphyritic, light pinkish white in colour, iron oxide staining along joints, medium strength, moderately weathered.	12	JN	R	S	FeO	<1	20						50	50		
28	1198		Igneous - coarse grained matrix, speckled black and white in colour, iron oxide staining along joints, strong rock, moderately weathered.	JN	R	I	FeO	<1	20										
29	1197			JN	R	I	FeO	<1	20										
30	1196		Metasedimentary Bedrock (Quartzite), fine matrix, dark and light foliations, greyish white in colour, iron oxide discoloration along joints, strong rock, slight weathering.	13	JN	R	P	FeO	<1	20						0	0		
31	1195			JN	R	S	FeO	<1	20										
32	1194			JN	R	P	FeO	<1	20							62			
33	1193			JN	R	P	FeO	<1	20										
34	1192			JN	R	P	FeO	<1	20										
35	1191		Igneous - coarse grained matrix, speckled black and white in colour, iron oxide staining along joints, strong rock, moderately weathered.	16	JN	R	S	FeO	<1	20						56	71		
36	1190			JN	R	S	FeO	<1	20										
37	1189		FAULT ZONE - Gouge infilled with SAND, silty, some clay, reddish brown in colour, soft.	17	FT														
38	1188		Interbedded Igneous and Metasedimentary units.	18	JN	R	S	FeO	<1	20									
39	1187			JN	R	I	FeO	<1	20										
39	1187			JN	R	P	FeO	<1	20										
40	1186			JN	R	I	FeO	<1	20										

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Start Date: 2013-09-14	Logged By: T. Kostya
Completion Date: 2013-09-16	Reviewed By: Paul Morton
Completion Depth: 50 m	



Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-04/35
Project Client: Government of Yukon - AAM	Northing: 6881470	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 389138	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1225.567 m

Depth (m)	Elevation (m)	Graphic Plot	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments
			Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joan (RMR 1989)	Angle With Core Axis (degrees °)				Solid Core Recovery (%)	Rock Quality Designation (%)		
41	1185		Igneous - coarse grained matrix, speckled black and white in colour, iron oxide staining along joints, strong rock, moderately weathered.	19	JN	R	I	FeO	<1	20	•	R4	W3		70	80		Packer Test #6 - No Flow between 40-50m
		JN		R	I	FeO	<1	20	•									
		JN		R	P	FeO	<1	20	•									
42	1184			JN	R	S	FeO	<1	20	•								
43	1183		Metasedimentary Bedrock (Quartzite), fine matrix, dark and light foliations, greyish white in colour, iron oxide discoloration along joints, strong rock, slight weathering.	20	JN	R	I	FeO	<1	20	•	R4	W2		63	83		
44	1182			JN	R	P	FeO	<1	20	•								
45	1181			JN	R	I	FeO	<1	20	•								
		JN		R	P	FeO	<1	20	•									
		JN		R	I	FeO	<1	20	•									
		JN		R	I	FeO	<1	20	•									
46	1180		Metasedimentary Bedrock (Quartzite), fine matrix, dark and light foliations, greyish white in colour, iron oxide discoloration along joints, strong rock, slight weathering.	21	JN	R	P	FeO	<1	20	•	R4	W2		55	63		
47	1179			JN	R	P	FeO	<1	20	•								
		JN		R	I	FeO	<1	20	•									
		JN		R	P	FeO	<1	20	•									
48	1178		Igneous - coarse grained matrix, speckled black and white in colour, iron oxide staining along joints, strong rock, moderately weathered.	22	JN	R	I	FeO	<1	20	•	R4	W2		40	50		
49	1177			JN	R	I	FeO	<1	20	•								
		JN		R	P	FeO	<1	20	•									
		JN		R	P	FeO	<1	20	•									
50	1176		Metasedimentary Bedrock (Quartzite), fine matrix, dark and light foliations, greyish white in colour, iron oxide discoloration along joints, strong rock, slight weathering.	JN	R	I	FeO	<1	20	•	R4	W2						

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Start Date: 2013-09-14	Logged By: T. Kostya
Completion Date: 2013-09-16	Reviewed By: Paul Morton
Completion Depth: 50 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-05/50
Project Client: Government of Yukon - AAM	Northing: 6881468	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388957	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1184.999 m

Depth (m)	Elevation (m)	Graphic Plot	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
			Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joon (RMR 1989)	Angle With Core Axis (degrees °)				Solid Core Recovery (%)	Rock Quality Designation (%)			
1	1184		Overburden	1															Coordinates and Elevation from 2013 YES survey.
2	1183																		
3	1182		Heavily weathered, very weak rock, iron oxide, brownish red in colour.	2															Packer Test #1 - Constant Head Test (1.9e-7 m/s)
4	1181		Metasedimentary Bedrock (Quartzite), fine matrix, dark and light foliations, greyish white in colour, iron oxide discolouration along joints, medium strength rock, heavy to moderate weathering	JN	R	P	FeO	1	10										
5	1180			JN	R	P	FeO	1	10										
6	1179			JN	R	P	FeO	1	10										
7	1178			JN	R	S	FeO	1	10										
8	1177			JN	R	I	FeO	1	10										
9	1176			JN	R	P	FeO	1	10										
10	1175			JN	R	I	FeO	1	10										
11	1174			JN	R	P	FeO	1	10										
12	1173			JN	R	P	FeO	1	10										
13	1172			JN	R	P	FeO	1	10										
14	1171			JN	R	I	FeO	<1	20										
15	1170			JN	R	I	FeO	<1	20										
16	1169		Igneous - fine grained matrix with coarse white clasts size, matrix is greenish grey in colour, iron oxide staining along joints, strong rock, moderately weathered.	JN	R	P	FeO	<1	20										
17	1168			JN	R	P	FeO	<1	20										
18	1167			JN	R	P	FeO	<1	20										
19	1166			JN	R	P	FeO	<1	20										
20	1165		JN	R	P	FeO	<1	20										Packer Test #3 - Falling Head Test (2.3e-8 m/s)	

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Start Date: 2013-09-21	Logged By: T. Kostya
Completion Date: 2013-09-23	Reviewed By: Paul Morton
Completion Depth: 50 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-05/50
Project Client: Government of Yukon - AAM	Northing: 6881468	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388957	Datum: NAD 83, UTM Zone 8
Azimuth: 0	Dip (from Horiz.): 90°	Surface Elevation: 1184.999 m

Depth (m)	Elevation (m)	Graphic Plot	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments	
			Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joon (RMR 1989)	Angle With Core Axis (degrees °)				Solid Core Recovery (%)	Rock Quality Designation (%)			
21	1164		Igneous - fine grained matrix with coarse white clasts size, matrix is greenish grey in colour, iron oxide staining along joints, strong rock, moderately weathered. (CONTINUED)	13											0	0			
22	1163			JN JN	R R	P I	FeO FeO	<1 <1	20 20	• •									
23	1162		Metasedimentary Bedrock (Quartzite), fine matrix, dark and light foliations, greyish white in colour, iron oxide discolouration along joints, medium strength to strong rock, heavy to moderate weathering	14	JN JN JN JN	R R R R	P P P P	FeO FeO FeO FeO	<1 <1 <1 <1	20 20 20 20	• • • •		1.E-08 m/s		16	21			
24	1161			15												11	12		
25	1160			16												0	0		Packer Test #4 - Constant Head Test (2.7e-7 m/s)
26	1159			17												0	0		
27	1158			JN						•									
28	1157			JN	R	P	FeO	<1	20	•			1.E-07 m/s						
29	1156			JN JN JN JN	R R R R	P P I P	FeO FeO FeO FeO	<1 <1 <1 <1	20 20 20 20	• • • •					53	66			
30	1155			JN						•									
31	1154			19												40	50		Packer Test #5 - Constant Head Test (1.9e-7 m/s)
32	1153			20	JN JN JN JN	R R R R	P P I P	FeO FeO FeO FeO	<1 <1 <1 <1	20 20 20 20	• • • •				20	22			
33	1152		21																
34	1151		22																
35	1150		23																
36	1149		24																
37	1148		25	JN JN	R R	I P	FeO FeO	<1 <1	20 20	• •									
38	1147		24										1.E-08 m/s		0	0		Packer Test #6 - Falling Head Test (6.4e-8 m/s)	
39	1146		JN						•										
40	1145		JN JN	R R	I P	FeO FeO	<1 <1	20 20	• •						41	45			

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Start Date: 2013-09-21	Logged By: T. Kostya
Completion Date: 2013-09-23	Reviewed By: Paul Morton
Completion Depth: 50 m	

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-06/WVP
Project Client: Government of Yukon - AAM	Northing: 6881469	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388958	Datum: NAD 83, UTM Zone 8
Azimuth: 80	Dip (from Horiz.): 45°	Surface Elevation: 1185.007 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments		
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joint (RMR 1989)				Angle With Core Axis (degrees °)	Solid Core Recovery (%)			Rock Quality Designation (%)	
1	1184		Heavily weathered, very weak rock, iron oxide, brownish red in colour.																Coordinates and Elevation from 2013 YES survey.
2	1183			1							R0	W5		0	0				
3	1182																		
4	1181																		
5	1180			2							R1	W4		0	0				
6	1179																		
7	1178			3							R1	W4		0	0				
8	1177																		
9	1176			4							R1	W4		0	0				
10	1175			5							R1	W4		0	0				
11	1174			6							R1	W4		0	0			Packer Test #1 - Falling Head Test (5.6e-8 m/s)	
12	1173																		
13	1172		Igneous - fine grained matrix with coarse white clasts size, matrix is greenish grey in colour, iron oxide staining along joints, strong rock, heavy to moderate weathering.	7	JN JN	R R	P P	FeO FeO	<1 5	20 10								Packer Test #2 - Falling Head Test (3.4e-8 m/s)	
					JN JN JN JN JN JN JN	R R R R R R R	P P P P P P P	FeO FeO FeO FeO FeO FeO FeO	<1 <1 <1 <1 <1 <1 <1	20 20 20 10 20 20 20			1.E-08 m/s	45	60				
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P S	FeO FeO FeO	<1 <1 1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO FeO FeO	<1 <1 <1	20 20 10									
					JN JN JN	R R R	P P P	FeO Fe											

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-06/WVP
Project Client: Government of Yukon - AAM	Northing: 6881469	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388958	Datum: NAD 83, UTM Zone 8
Azimuth: 80	Dip (from Horiz.): 45°	Surface Elevation: 1185.007 m

Depth (m)	Elevation (m)	Graphic Plot	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments				
			Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joon (RMR 1989)	Angle With Core Axis (degrees °)				Solid Core Recovery (%)	Rock Quality Designation (%)						
21	1164		Igneous - fine grained matrix with coarse white clasts size, matrix is greenish grey in colour, iron oxide staining along joints, strong rock, heavy to moderate weathering. (CONTINUED)	10	JN	R	I	FeO	<1	20	•	30	R4	W2	1.E-08 m/s	50	54		Vibrating wire piezometer installed at 20.23 m, serial # VW26479			
				JN	R	P	FeO	<1	20	•												
				JN	R	S	FeO	<1	20	•												
				JN	R	P	FeO	<1	20	•												
				JN	R	P	FeO	<1	20	•												
				JN	R	P	FeO	<1	20	•												
				JN	R	P	FeO	<1	20	•												
				JN	R	P	FeO	<1	20	•												
				JN	R	P	FeO	<1	20	•												
				JN	R	P	FeO	<1	20	•												
22	1163			11	JN	R	P	FeO	<1	20	•	60	R4	W2		78	87					
23	1162			12	JN	R	P	FeO	<1	20	•		R4	W2		60	70		Packer Test #3 - No Flow between 22-28m			
24	1161			13	JN	R	P	FeO	<1	10	•		R3	W4		0	0					
25	1160			14	JN	R	P	FeO	<1	20	•		R3	W4		0	0					
26	1159			15									R3	W4		0	0					
27	1158			16									R3	W4		0	0					
28	1157			17									R3	W4		0	0					
29	1156			18									R3	W4		0	0					
30	1155			19									R3	W4		0	0					
31	1154		Metasedimentary Bedrock (Gneiss), fine matrix, dark and light foliations, greyish white in colour, iron oxide discolouration along joints, medium strength to strong rock, heavy to moderate weathering.	20									R3	W4		0	0					
32	1153			21										R3	W4		0	0				
33	1152			22										R3	W4		0	0				
34	1151			23										R3	W4		0	0		Vibrating wire piezometer installed at 29.30 m, serial # VW26481		
35	1150		Interbedded Gneiss and Igneous intrusions.	24	JN	R	I	FeO	<1	20	•		R4	W2		70	80					
36	1149			JN	R	P	Ca	<1	20	•				R4	W2		80	90				
37	1148			JN	R	P	Ca	<1	20	•				R4	W2		80	90				
38	1147			JN	R	P	Cl	<1	20	•				R4	W2		95	90				
39	1146			JN	R	P	Cl	<1	20	•				R4	W2		93	100				
40	1145			JN	R	P	Cl	<1	20	•				R4	W2		93	100				
40	1145			JN	R	P	S	<1	20	•				R4	W2		93	100		Packer Test #5 - No Flow between 34-40m		

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Start Date: 2013-09-23

Logged By: T. Kostya

Completion Date: 2013-09-27

Reviewed By: Paul Morton

Completion Depth: 60 m

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-06/WVP
Project Client: Government of Yukon - AAM	Northing: 6881469	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388958	Datum: NAD 83, UTM Zone 8
Azimuth: 80	Dip (from Horiz.): 45°	Surface Elevation: 1185.007 m

Depth (m)	Elevation (m)	Graphic Plot	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments		
			Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Joon (RMR 1989)	Angle With Core Axis (degrees °)				Solid Core Recovery (%)	Rock Quality Designation (%)				
41	1144		Interbedded Gneiss and Igneous intrusions. (CONTINUED)	28	JN JN	R R	P P	S S	<1 <1	20 20	• •	R4	W1	1.E-07 m/s	100	100	Packer Test #6 - Constant Head Test (6.6e-7 m/s) Vibrating wire piezometer installed at 40.17 m, serial # VV26483			
42	1143	JN		R	P	S	<1	20	•											
43	1142	JN		R	P	S	<1	20	•											
44	1141	JN		R	P	S	<1	20	•											
45	1140	JN				S	1	10												
46	1139	JN		R	P	S	<1	20	•											
47	1138	JN		R	P	S	<1	20	•											Packer Test #7 - No Flow between 46-52m
48	1137	JN		R	P	S	<1	20	•											
49	1136	JN		R	P	S	<1	20	•											
50	1135	JN		R	P	S	<1	20	•											Vibrating wire piezometer installed at 49.32 m, serial # VV26485
51	1134	JN		R	P	S	<1	20	•											
52	1133	JN		R	P	S	<1	20	•											Packer Test #8 - Falling Head Test (1.4e-8 m/s)
53	1132	JN		R	P	S	<1	20	•											
54	1131	JN		R	P	S	<1	20	•											
55	1130	JN		R	P	S	<1	20	•											
56	1129	JN		R	P	S	<1	20	•											Vibrating wire piezometer installed at 58.882 m, serial # VV26489
57	1128	JN		R	P	S	<1	20	•											
58	1127	JN		R	P	S	<1	20	•											
59	1126	JN		R	P	S	<1	20	•											
60	1125	JN		R	P	S	<1	20	•											

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Start Date: 2013-09-23

Logged By: T. Kostya

Completion Date: 2013-09-27

Reviewed By: Paul Morton

Completion Depth: 60 m

Project Name: Mount Nansen Remediation Project	Area: Mount Nansen Site, Yukon Territory	Borehole No.: CH-P-13-06/WVP
Project Client: Government of Yukon - AAM	Northing: 6881469	Project Number: VM00605
Drilling Method: EarthTek Diamond Drilling	Easting: 388958	Datum: NAD 83, UTM Zone 8
Azimuth: 80	Dip (from Horiz.): 45°	Surface Elevation: 1185.007 m

Depth (m)	Elevation (m)	Lithology Profile		Discontinuity Data							Rock Strength (SRM)	Weathering (SRM)	Packer Test Data Max Permeability (m/s) 1e-9 1e-8 1e-7	Core Recovery		Instrumentation/Backfill	Comments
		Graphic Plot	Description	Run Number	Fracture Type	Roughness	Shape	Infill Type	Infill Thickness (mm)	Jcon (RMR 1989)				Angle With Core Axis (degrees °)	30		
			-End of Hole at 60.0 m -Five nested vibrating wire piezometers strapped to 1" diameter PVC pipe. -Ten channel data logger installed at collar of hole, refer to Appendix E2 of SI Data Report for equipment specifications of logger and piezometers. -Hole backfilled from 60.0 m to surface with cement-bentonite grout. -Protective monument installed at collar of hole.														

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Start Date: 2013-09-23	Logged By: T. Kostya
Completion Date: 2013-09-27	Reviewed By: Paul Morton
Completion Depth: 60 m	Page 4 of 4