

Area 1

Test Pits TP05-43 to TP05-48

TEST PIT LOG

Su - kPa

20 60 100 140 180

DEPTH (m)	SAMPLE TYPE	SAMPLE No.	SYMBOL	STARTED: 5/22/2005 FINISHED: 5/22/2005		INSTRUMENT	DETAILS	Su - kPa						
				EXCAVATOR TYPE:				VANE	FIELD	LAB	▲ UC/2			
				GROUND ELEV. (m):				PEAK	◆	■	▲ P.PEN/2			
				COORDINATES (m): N 6810255 E 440615				REMOLD	◇	□	★ % FINES			
				DESCRIPTION OF MATERIALS				W _p %	W%	W _L %				
		x	o	x	20	40	60	80						
0.5			0.10	Moss and Organics Till-Like, green silty fine sand matrix and subangular to subrounded fine to coarse gravel and subrounded cobbles. Occasional boulders up to 50 cm.										
1.0														
1.5														
2.0														
2.5														
3.0														
3.5			3.50	End of Hole at 3.50 m										
4.0														
4.5														
5.0														
5.5														
6.0														
6.5														
7.0														
7.5														
8.0														
8.5														
9.0														
9.5														
10.0														

KC_TEST_PIT-SI TESTPITS-MAY31.GPJ KC DATA.GDT 5/31/05



KLOHN CRIPPEN

PROJECT NO.: M09234A02

PROJECT: Wolverine Tailings Impoundment

LOCATION: Wolverine Lake

LOGGED BY: MSR

CHECKED BY:

SHEET 1 OF 1

HOLE NO.: TP05-43

TEST PIT LOG

Su - kPa

20 60 100 140 180

DEPTH (m)	SAMPLE TYPE	SAMPLE No.	SYMBOL	STARTED: 5/22/2005 FINISHED: 5/22/2005		INSTRUMENT	DETAILS	Su - kPa												
				EXCAVATOR TYPE:				VANE PEAK	FIELD	LAB	▲ UC/2									
				GROUND ELEV. (m):				REMOLD	◆	□	△ P.PEN/2									
				COORDINATES (m): N 6810190 E 440653				★ % FINES												
		DESCRIPTION OF MATERIALS		W _p %	W%	W _L %														
				x	o	x														
				20	40	60	80													
0.20			/ /	Moss and Organics																
			/ /	White volcanic ash																
0.50			/ /	Till, green silty, sandy clay matrix, medium plasticity and subangular to subrounded fine to coarse gravel and subrounded cobbles. Occasional boulders up to 60 cm.																
3.70			/ /	End of Hole at 3.70 m																

KC_TEST_PIT-SI TESTPITS-MAY31.GPJ KC DATA.GDT 5/31/05



KLOHN CRIPPEN

PROJECT NO.: M09234A02

PROJECT: Wolverine Tailings Impoundment

LOCATION: Wolverine Lake

LOGGED BY: MSR

CHECKED BY:

SHEET 1 OF 1

HOLE NO.: TP05-44

TEST PIT LOG

Su - kPa

20 60 100 140 180

DEPTH (m)	SAMPLE TYPE	SAMPLE No.	SYMBOL	STARTED: 5/22/2005 FINISHED: 5/22/2005		INSTRUMENT	DETAILS	Su - kPa											
				EXCAVATOR TYPE:				VANE	FIELD	LAB	▲ UC/2								
				GROUND ELEV. (m):				PEAK	◆	■	▲ P.PEN/2								
				COORDINATES (m): N 6810138 E 440685				REMOLD	◇	□	★ % FINES								
				DESCRIPTION OF MATERIALS				W _p %	W%	W _L %									
		x	---	o	---	x													
		20	40	60	80														
0.25			▽▽	Moss and Organics															
0.5			••••	White volcanic ash															
0.75			●●●●	Till, green silty, sandy clay matrix, medium plasticity and subangular to subrounded fine to coarse gravel and subrounded cobbles. Occasional boulders up to 60 cm.															
1.0																			
1.5																			
2.0																			
2.5																			
3.0																			
3.5																			
3.80																			
4.0				End of Hole at 3.80 m															
4.5																			
5.0																			
5.5																			
6.0																			
6.5																			
7.0																			
7.5																			
8.0																			
8.5																			
9.0																			
9.5																			
10.0																			

KC_TEST_PIT-SI TESTPITS-MAY31.GPJ KC DATA.GDT 5/31/05



KLOHN CRIPPEN

PROJECT NO.: M09234A02	
PROJECT: Wolverine Tailings Impoundment	
LOCATION: Wolverine Lake	
LOGGED BY: MSR	CHECKED BY:
SHEET 1 OF 1	HOLE NO.: TP05-45

TEST PIT LOG

Su - kPa

20 60 100 140 180

DEPTH (m)	SAMPLE TYPE	SAMPLE No.	SYMBOL	STARTED: 5/22/2005 FINISHED: 5/22/2005		INSTRUMENT	DETAILS	Su - kPa											
				EXCAVATOR TYPE:				VANE	FIELD	LAB	▲ UC/2								
				GROUND ELEV. (m):				PEAK	◆	■	▲ P.PEN/2								
				COORDINATES (m): N 6810185 E 440702				REMOLD	◇	□	★ % FINES								
				DESCRIPTION OF MATERIALS				W _p %	W%	W _L %									
0.5			0.15	Peat, frozen															
1.0			3.90	Till, green silty, sandy clay matrix, medium plasticity and subangular to subrounded fine to coarse gravel and subrounded cobbles. Occasional boulders up to 60 cm.															
1.5																			
2.0																			
2.5																			
3.0																			
3.5																			
4.0					End of Hole at 3.90 m														
4.5																			
5.0					NOTE: Test Pit is dry. Bedrock exposed on east bank.														
5.5																			
6.0																			
6.5																			
7.0																			
7.5																			
8.0																			
8.5																			
9.0																			
9.5																			
10.0																			

KC_TEST_PIT-SI TESTPITS-MAY31.GPJ KC DATA.GDT 5/31/05



KLOHN CRIPPEN

PROJECT NO.: M09234A02

PROJECT: Wolverine Tailings Impoundment

LOCATION: Wolverine Lake

LOGGED BY: MSR

CHECKED BY:

SHEET 1 OF 1

HOLE NO.: TP05-46

TEST PIT LOG

Su - kPa

20 60 100 140 180

DEPTH (m)	SAMPLE TYPE	SAMPLE No.	SYMBOL	STARTED: 5/22/2005 FINISHED: 5/22/2005		INSTRUMENT	DETAILS	Su - kPa												
				EXCAVATOR TYPE:				VANE PEAK	FIELD	LAB	▲ UC/2									
				GROUND ELEV. (m):				REMOLD	◆	□	△ P.PEN/2									
				COORDINATES (m): N 6810247 E 440676				★ % FINES												
				W _p %	W%	W _L %														
				x - - - - -	o - - - - -	x - - - - -														
				20	40	60	80													
0.5			0.10	Peat, frozen																
1.0				Till, green silty, sandy clay matrix, medium plasticity and subangular to subrounded fine to coarse gravel and subrounded cobbles. Top 1m till is brown. Occasional boulders up to 60 cm.																
1.5																				
2.0																				
2.5																				
3.0																				
3.5																				
4.0			3.90	End of Hole at 3.90 m																
4.5																				
5.0																				
5.5																				
6.0																				
6.5																				
7.0																				
7.5																				
8.0																				
8.5																				
9.0																				
9.5																				
10.0																				



KLOHN CRIPPEN

PROJECT NO.: M09234A02

PROJECT: Wolverine Tailings Impoundment

LOCATION: Wolverine Lake

LOGGED BY: MSR

CHECKED BY:

SHEET 1 OF 1

HOLE NO.: TP05-47

TEST PIT LOG

Su - kPa

20 60 100 140 180

DEPTH (m)	SAMPLE TYPE	SAMPLE No.	SYMBOL	STARTED: 5/22/2005 FINISHED: 5/22/2005		INSTRUMENT	DETAILS	Su - kPa												
				EXCAVATOR TYPE:				VANE	FIELD	LAB	▲ UC/2									
				GROUND ELEV. (m):				PEAK	◆	■	▲ P.PEN/2									
				COORDINATES (m): N 6810271 E 440620				REMO	◇	□	★ % FINES									
				DESCRIPTION OF MATERIALS				W _p %	W%	W _L %										
0.20			Peat, frozen																	
0.5			Till, green silty, sandy clay matrix, medium plasticity and subangular to subrounded fine to coarse gravel and subrounded cobbles. Occasional boulders up to 60 cm.																	
1.0																				
1.5																				
2.0																				
2.5																				
3.0																				
3.5																				
3.90																				
4.0					End of Hole at 3.90 m															
4.5																				
5.0																				
5.5																				
6.0																				
6.5																				
7.0																				
7.5																				
8.0																				
8.5																				
9.0																				
9.5																				
10.0																				



KLOHN CRIPPEN

PROJECT NO.: M09234A02

PROJECT: Wolverine Tailings Impoundment

LOCATION: Wolverine Lake

LOGGED BY: MSR

CHECKED BY:

SHEET 1 OF 1

HOLE NO.: TP05-48