

Mechanical Equipment and Motor List

Identification												Technical										Procurement		
												Design Data						Supp. Information		Diagrams				
X	Rev	EWP	CWP	Area	Tag No	Description	Equip Type	Part of	Const. Type	Eng/Data Status	Package Eng	Design Code	Dimension l x w x h	Dry Wgt (kg)	Contractor	Operating Mode	Design Capacity	Design Load (kW)	Remarks	PFD No.	Enquiry No	Manufacturer / Model No.	Sealift	
																		Name Plate		PID No.				
																		Emergency Required (Y/N)		Datasheet No.				
	0	507-3200		7244	7244-GE-003	CONCRETE BATCH PLANT GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 4674 W: 1730 H: 2085	8800		STANDBY	901 L FUEL TANK	/ 200 hp No	DIMENSIONS INCLUDE TRAILER	/ / /	PE001	CUMMINS C150D6R	2013	
	0	507-3200		7244	7244-GE-004	GENERAL GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 4500 W: 1905 H: 2085	5322		STANDBY	606 L FUEL TANK	/ 107 hp No	DIMENSIONS INCLUDE TRAILER	/ / /	PE001	CUMMINS C80D6R	2013	
	0	507-3200		7244	7244-GE-005	CONSTRUCTION OFFICE/LUNCHROOM/WASHCAR GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 4500 W: 1905 H: 2085	5230		STANDBY	606 L FUEL TANK	/ 80 hp No	DIMENSIONS INCLUDE TRAILER	/ / /	PE001	CUMMINS C60D6R	2013	
	0	507-3200		7244	7244-GE-006	SITE SERVICES LUNCHROOM/WASHCAR GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 2110 W: 1020 H: 2315	3776		STANDBY	532 L FUEL TANK	/ 47 hp No	NO TRAILER; DIMENSIONS ARE FOR GENERATOR ONLY	/ / /	PE001	CUMMINS DSFAA	2013	
	0	507-3200		7244	7244-GE-007	LOGISTICS TRAILER GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 2110 W: 1020 H: 2315	3776		STANDBY	532 L FUEL TANK	/ 47 hp No	NO TRAILER; DIMENSIONS ARE FOR GENERATOR ONLY	/ / /	PE001	CUMMINS DSFAA	2013	
	0	507-3200		7244	7244-GE-008	AERODROME LIGHTING GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 2160 W: 790 H: 1500	2442		STANDBY	380 L FUEL TANK	/ 27 hp No	NO TRAILER; DIMENSIONS ARE FOR GENERATOR ONLY	/ / /	PE001	CUMMINS DSKBA	2013	
	0	507-3200		7244	7244-GE-009	WORKFACE TOOLS GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 2160 W: 790 H: 1500	2442		STANDBY	380 L FUEL TANK	/ 27 hp No	NO TRAILER; DIMENSIONS ARE FOR GENERATOR ONLY	/ / /	PE001	CUMMINS DSKBA	2013	
	0	507-3200		7244	7244-GE-010	WORKFACE TOOLS GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 2160 W: 790 H: 1500	2442		STANDBY	380 L FUEL TANK	/ 27 hp No	NO TRAILER; DIMENSIONS ARE FOR GENERATOR ONLY	/ / /	PE001	CUMMINS DSKBA	2013	
	0	507-3200		7245	7245-MO-002	MAN LIFT	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	51' WORKING HEIGHT	/ / /	DIESEL	/ / /	PM140	JLG 450AJ	2013	
	0	507-3200		7245	7245-MO-003	MAN LIFT	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	51' WORKING HEIGHT	/ / /	DIESEL	/ / /	PM140	JLG 450AJ	2013	
	0	507-3200		7245	7245-MO-004	MAN LIFT	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	51' WORKING HEIGHT	/ / /	DIESEL	/ / /	PM140	GENIE Z45/25	2013	
	0	507-3200		7245	7245-MO-005	SCISSOR LIFT	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	GRAHAM BURTON		L: 3500 W: 2200 H: 2900	4917		INTERMITTENT	47' WORKING HEIGHT	/ / /	DIESEL	/ / /	PM140	SKYJACK 8841	2013	
	0	507-3200		7245	7245-MO-006	SCISSOR LIFT	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	GRAHAM BURTON		L: 3500 W: 2200 H: 2900	4917		INTERMITTENT	47' WORKING HEIGHT	/ / /	DIESEL	/ / /	PM140	SKYJACK 8841	2013	
	0	507-3200		7245	7245-MO-007	BOOM TRUCK	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	26 T	/ / /	MOUNTED ON A 2004 FORD STERLING 7501	/ / /	PM130	MAMTEX 26101C	2013	
	0	507-3200		7245	7245-MO-008	MAINTENANCE CRANE	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	GRAHAM BURTON			41400		INTERMITTENT	80 T	/ / /	ETA JULY 15, 2013	/ / /	PM116	GROVE RT890E	2013	

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																		Name Plate		PID No.				
																		Emergency Required (Y/N)		Datasheet No.				
	0	507-3200		7245	7245-MO-010	WAREHOUSE FREIGHT DELIVERY FLAT DECK TRUCKS	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON		L: 7264 W: 2418 H: 2022	3311		INTERMITTENT	12666 LBS MAXIMUM PAYLOAD	/ / /	12' FLAT DECK BODY	/ / /	PM130	FORD F550	2013	
	0	507-3200		7245	7245-MO-011	WAREHOUSE FREIGHT DELIVERY FLAT DECK TRUCKS	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON		L: 7264 W: 2418 H: 2022	3311		INTERMITTENT	12666 LBS MAXIMUM PAYLOAD	/ / /	12' FLAT DECK BODY	/ / /	PM130	FORD F550	2013	
	0	507-3200		7245	7245-MO-012	WAREHOUSE FREIGHT DELIVERY FLAT DECK TRUCKS	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON		L: 7264 W: 2418 H: 2022	3311		INTERMITTENT	12666 LBS MAXIMUM PAYLOAD	/ / /	12' FLAT DECK BODY	/ / /	PM130	FORD F550	2013	
	0	507-3200		7340	7340-MO-001	TRACK DOZER	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	TOROMONT		L: 4674 W: 2000 H: 2900	9250		INTERMITTENT	BLADE WIDTH: 3200 MM	/ / /		/ / /	PM102	CAT D6T XW	2013	
	0	507-3200		7340	7340-MO-002	TRACK DOZER	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	TOROMONT		L: 4674 W: 2000 H: 2900	9250		INTERMITTENT	BLADE WIDTH: 3200 MM	/ / /		/ / /	PM102	CAT D6T XW	2013	
	0	507-3200		7340	7340-MO-003	TRACK DOZER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 4674 W: 2000 H: 2900	9250		INTERMITTENT	BLADE WIDTH: 3200 MM	/ / /	LGP - LOW GROUND PRESSURE	/ / /	PM102	CAT D6-LGP	2013	
	0	507-3200		7340	7340-MO-004	MID SIZE EXCAVATOR	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 11910 W: 3490 H: 3770	45000		INTERMITTENT	345 HP, 3.5 M3 BUCKET	/ / /		/ / /	PM102	CAT 345DL HEX	2013	
	0	507-3200		7340	7340-MO-014	COMPACTOR	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	TOROMONT		L: 5970 W: 2300 H: 3070	15650		INTERMITTENT	DRUM WIDTH: 2140 MM; DRUM DIA:	/ / /	MADE IN 2011	/ / /	PM102	CAT CS74	2013	
	0	507-3200		7340	7340-MO-015	COMPACTOR	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	TOROMONT		L: 5970 W: 2300 H: 3070	15650		INTERMITTENT	DRUM WIDTH: 2140 MM; DRUM DIA:	/ / /	MADE IN 2007; 84" PADFOOT VIBRATORY SOIL COMPACTOR	/ / /	PM102	CAT CP563E	2013	
	0	507-3200		7340	7340-MO-016	ROAD SNOW BLOWER	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	TOROMONT		L: 6170 W: 2410 H: 3320	18338		INTERMITTENT	WITH SNOW BLOWER ATTACHMENTS	/ / /	C/W VOHL MODEL DV400 SNOW BLOWER	/ / /	PM102	CAT 950H	2013	
	0	507-3200		7340	7340-MO-017	ROAD SNOW BLOWER	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	TOROMONT		L: 6170 W: 2410 H: 3320	18338		INTERMITTENT	WITH SNOW BLOWER ATTACHMENTS	/ / /	C/W VOHL MODEL DV400 SNOW BLOWER	/ / /	PM102	CAT 950H	2013	
	0	507-3200		7432	7432-PP-003	BATCH PLANT OFFICE-LUNCHROOM-WC RAW WATER PUMP	PUMP		NEW	CERTIFIED FINAL	KENTARO IMAI		L: 483 W: 275 H: 267			INTERMITTENT	65 PSI	/ 0.5 hp No	1/2 HP ELECTRIC PUMP	/ / /	PX001	SIMER JET PUMPS 2205C	2013	
	0			7432	7432-MT-003	RAW WATER TANK PUMP		7432-PP-003	NEW							INTERMITTENT		/ 0.5 hp /		/ / /	PX001			
	0	507-3200		7432	7432-PP-006	FUEL SYSTEMS WASHCAR RAW WATER PUMP	PUMP		NEW	CERTIFIED FINAL	KENTARO IMAI		L: 483 W: 275 H: 267			INTERMITTENT	65 PSI	/ 0.5 hp No	1/2 HP ELECTRIC PUMP	/ / /	PX001	SIMER JET PUMPS 2205C	2013	
	0			7432	7432-MT-006	RAW WATER TANK PUMP		7432-PP-006	NEW							INTERMITTENT		/ 0.5 hp /		/ / /	PX001			

Baffinland Iron Mines Corporation: Mary River Project
H349000

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												Design Code	Dimension l x w x h	Dry Wgt (kg)	Contractor	Operating Mode	Design Capacity	Design Load (kW)	Remarks	PFD No.					
																					Name Plate				PID No.
0		507-3200		7443	7443-MO-002	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/	ETA JULY 15, 2013	/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-003	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/	ETA JULY 24, 2013	/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-004	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/	ETA JULY 24, 2013	/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-005	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/		/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-006	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/		/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-007	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/		/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-008	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/		/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-009	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/		/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-010	ARTICULATED HAUL TRUCK	MOBILE EQUIPMENT		USED	CERTIFIED FINAL	TOROMONT		L: 10889 W: 3430 H: 3745	34000		INTERMITTENT	35 TON	/		/	PM136	CAT 740B	2013		
0		507-3200		7443	7443-MO-011	FRONT END LOADER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10390 W: 3600 H: 4115	43400		INTERMITTENT	4.5 - 5.4 M3 BUCKET	/	STANDARD LIFT	/	PM102	CAT 988H	2013		
0		507-3200		7443	7443-MO-012	FRONT END LOADER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 10390 W: 3600 H: 4115	43400		INTERMITTENT	4.5 - 5.4 M3 BUCKET	/	STANDARD LIFT	/	PM102	CAT 988H	2013		
0		507-3200		7443	7443-MO-014	MID SIZE AIR COMPRESSOR	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON				NUNA	INTERMITTENT	375 CFM	/		/	PM104	ATLAS COPCO	2013		
0		507-3200		7443	7443-MO-015	LARGE AIR COMPRESSOR	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	830 CFM	/		/	PM104	ATLAS COPCO	2013		
0		507-3200		7443	7443-MO-016	TRASH PUMP	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 711.2 W: 533.4 H: 621.7	54		INTERMITTENT	3"	/		/	PM106	GORMAN-RUPP 13D-L700EE S/G	2013		
0		507-3200		7443	7443-MO-017	MOBILE LIGHT PLANT	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 4623 W: 2007 H: 9000	925		INTERMITTENT	4000W	/	4 X 1000W LIGHTS	/	PM106	TEREX AL4	2013		

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												Design Code	Dimension l x w x h	Dry Wgt (kg)	Contractor	Operating Mode	Design Capacity	Design Load (kW)	Remarks	PFD No.				
																								Name Plate
																	Emergency Required (Y/N)		Datasheet No.					
	0	507-3200		7443	7443-MO-018	MOBILE LIGHT PLANT	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 4623 W: 2007 H: 9000	925		INTERMITTENT	4000W	/ / /	4 X 1000W LIGHTS	/ / /	PM106	TEREX AL4	2013	
	0	507-3200		7443	7443-MO-019	MOBILE LIGHT PLANT	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 4623 W: 2007 H: 9000	925		INTERMITTENT	4000W	/ / /	4 X 1000W LIGHTS	/ / /	PM106	TEREX AL4	2013	
	0	507-3200		7443	7443-MO-020	MOBILE LIGHT PLANT	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 4623 W: 2007 H: 9000	925		INTERMITTENT	4000W	/ / /	4 X 1000W LIGHTS	/ / /	PM106	TEREX AL4	2013	
	0	507-3200		7443	7443-MO-021	MOBILE LIGHT PLANT	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 4623 W: 2007 H: 9000	925		INTERMITTENT	4000W	/ / /	4 X 1000W LIGHTS	/ / /	PM106	TEREX AL4	2013	
	0	507-3200		7443	7443-MO-022	FRONT END LOADER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 6050 W: 2390 H: 3150	9600		INTERMITTENT	1.3 M3 BUCKET	/ / /	QUICK COUPLERS/BUCKETS/FORKS	/ / /	PM102	CAT 930K	2013	
	0	507-3200		7443	7443-MO-023	TELEHANDLER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	TOROMONT		L: 6100 W: 2570 H: 2570	15800	NUNA	INTERMITTENT		/ / /		/ / /	PM106	CAT TH514	2013	
	0	507-3200		7443	7443-MO-024	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-025	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-026	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-027	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-028	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-029	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-030	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-031	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-032	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	

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												Design Code	Dimension l x w x h	Dry Wgt (kg)	Contractor	Operating Mode	Design Capacity	Design Load (kW)	Remarks	PFD No.				
																					Name Plate			
																	Emergency Required (Y/N)		Datasheet No.					
	0	507-3200		7443	7443-MO-033	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-034	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-035	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-036	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-037	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-038	FROST FIGHTER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON					INTERMITTENT	350000 BTU	/ / /	OIL FIRED; C/W HEAT RECOVERY SYSTEM	/ / /	BM104	FROSTFIGHTER IDF350-11	2013	
	0	507-3200		7443	7443-MO-051	LOWBOY TRAILER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON		L: 16050 W: 3658			INTERMITTENT	60T	/ / /		/ / /	PM143		2013	
	0	507-3200		7443	7443-MO-052	HIBOY TRAILER	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON		L: 14630 W: 2438			INTERMITTENT	60T	/ / /		/ / /	PM143		2013	
	0	507-3200		7443	7443-MO-053	SECONDARY DRILL	MOBILE EQUIPMENT		USED	PRELIMINARY	GLACIER					INTERMITTENT		/ / /		/ / /	PM100	SANDVIK 800	2013	
	0	507-3200		7443	7443-MO-054	SECONDARY DRILL	MOBILE EQUIPMENT		USED	PRELIMINARY	GLACIER					INTERMITTENT		/ / /		/ / /	PM100	SANDVIK 800	2013	
	0	507-3200		7444	7444-GE-001	ACCOMMODATIONS AREA GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 14630 W: 2440 H: 4065	78220		STANDBY	5106 L FUEL TANK	/ 2145 hp No	POWER SUPPLY CAN BE SPLIT INTO 2 X 1075 HP; DIMENSIONS INCLUDE TRAILER	/ / /	PE001	CUMMINS C1600D6RG	2013	
	0	507-3200		7444	7444-GE-002	CONCRETE BATCH PLANT GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 4675 W: 1730 H: 2085	10466		STANDBY	901 L FUEL TANK	/ 200 hp No	DIMENSIONS INCLUDE TRAILER	/ / /	PE001	CUMMINS C150D6R	2013	
	0	507-3200		7444	7444-GE-003	CONCRETE BATCH PLANT GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 4675 W: 1730 H: 2085	10466		STANDBY	901 L FUEL TANK	/ 200 hp No	DIMENSIONS INCLUDE TRAILER	/ / /	PE001	CUMMINS C150D6R	2013	
	0	507-3200		7444	7444-GE-004	GENERAL GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 4496 W: 1905 H: 2085	6458		STANDBY	606 L FUEL TANK	/ 107 hp No	DIMENSIONS INCLUDE TRAILER	/ / /	PE001	CUMMINS C80D6R	2013	
	0	507-3200		7444	7444-GE-005	AERODROME LIGHTING GENERATOR	GENERATOR		NEW	PRELIMINARY	BRIAN PERKINS		L: 4496 W: 1905 H: 2085	6365		STANDBY	606 L FUEL TANK	/ 80 hp No	DIMENSIONS INCLUDE TRAILER	/ / /	PE001	CUMMINS C60D6R	2013	

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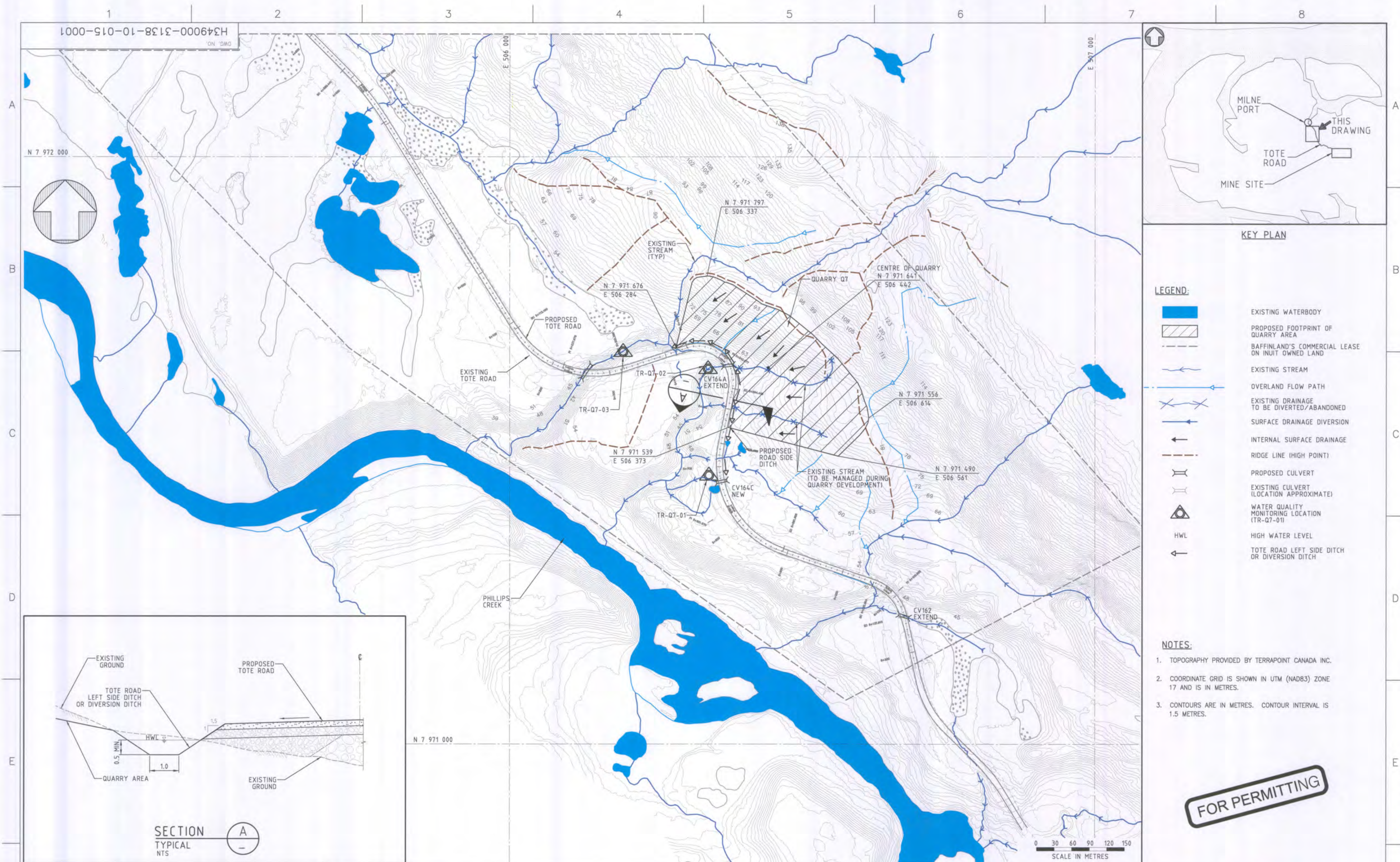
Modification												Technical										Procurement		
X	Ser	EWP	CMP	Area	Tag No	Description	Equip Type	Part of	Const. Type	Eng/Data Status	Package Eng	Design Data				Supp. Information		Diagrams		Expiry No.	Manufacturer / Model No.	Serial#		
												Design Code	Dimension L x W x H	Dry Wgt (kg)	Contractor	Operating Mode	Design Capacity	Design Load (kW)	Remarks				PFD No.	
																Name Plate		PFD No.						
																	Emergency Required (Y/N)		Datasheet No.					
B		607-3208		T445	T445-MD-013	WAREHOUSE FREIGHT DELIVERY FLAT DECK TRUCKS	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON	L: 7254-IN; 2418-H; 2822	3311		INTERMITTENT	12666 LBS MAXIMUM PAYLOAD		12' FLAT DECK BODY		PM138	FORD F558	2913		
B		607-3209		T445	T445-MD-014	WAREHOUSE FREIGHT DELIVERY FLAT DECK TRUCKS	MOBILE EQUIPMENT		NEW	CERTIFIED FINAL	GRAHAM BURTON	L: 7254-IN; 2418-H; 2822	3311		INTERMITTENT	12666 LBS MAXIMUM PAYLOAD		12' FLAT DECK BODY		PM138	FORD F558	2913		
B				T929	T929-PF-801	DECOMMISSIONING PUMP	PUMP		NEW	PRELIMINARY	HEATHER REID													

						
2013-08-20	D.	Approved for Use	S. Carnegie	G. Burton	S. Perry	D. Matthews
Date	Rev.	Status	Prepared By	Checked By	Approved By	Approved By

Baffinland					
Unit #	YEAR	MAKE	MODEL	DESC	SER. #
EX1032	2013	CAT	320DL	320D Excavator	CAT0320DHSPN01703
EX1033	2013	CAT	320DL	320D Excavator	CAT0320DHSPN01706
BH491	2013	CAT	430F IT	430F IT LOADER/BACKHOE	LNH00153
BH491	2013	CAT	430F ST	430F ST LOADER/BACKHOE	LDY00172
WL489	2013	CAT	950H	950H WHEEL LOADER	M1G03380
WL490	2013	CAT	950H	950H WHEEL LOADER	M1G03551
TH001	2013	CAT	TL1055C	TL1055C TELEHANDLER	KDE00678
TH002	2013	CAT	TL1055C	TL1055C TELEHANDLER	KDE00647
SS432	2013	CAT	262C2	262C2 SKID STEER	CAT0262CHTMW01645
SS433	2013	CAT	262C2	262C2 SKID STEER	CAT0262CHTMW01790
CR002	2011	TADANO	GR750XL-2	75 TON RT CRANE	547337
CR003	2013	TADANO	GR750XL-2	75 TON RT CRANE	548241
CPT001		MACK		CEMENT PUMPER TRUCK	
CM001	2013	MACK	GU813	MACK MIXER TRUCK	1M24X13C7DM022910
CM002	2013	MACK	GU813	MACK MIXER TRUCK	1M24X13C7DM022911
PT381	2011	DODGE	3500	DODGE PICK UP	3D73Y3CL7BG588531
PT374	2010	DODGE	3500	DODGE PICK UP	3D73YCL9AG144436
PT386	2012	DODGE	3500	DODGE PICK UP	3C63D3GLXCG174118
PT392	2012	DODGE	2500	DODGE PICK UP	3C6UD5JL6CG188915
TK2042	2006	MACK	CV713	FUEL TRUCK	2EATHA02WR000188
TK2002	2006	KENWORTH	T800	WINCH TRACTOR	1NKDL40Z26R988222
TR221	2000	ASPEN		LOWBED TRAILER	2A9LB4037XN125132
ML001		GENIE	Z60	60'BOOM LIFT	Z6008-9015
ML002		GENIE	Z60	60'BOOM LIFT	Z6013-12885
SL001	2005	SKYJACK	SJ77135RT	35FT SCISSOR LIFT	341353
SL002	2005	SKYJACK	SJ800-8841	40FTSCISSOR LIFT	43128
LT		ALLMAND	ML15VMINESPEC	15KW 6 LAMP LIGHT TOWER	0525MLV13
LT		ALLMAND	ML15VMINESPEC	15KW 6 LAMP LIGHT TOWER	0522MLV13
LT		ALLMAND	MLI16/8V	8KW 4 LAMP LIGHT TOWER	0055ML2V13
LT		ALLMAND	MLI16/8V	8KW 4 LAMP LIGHT TOWER	0056ML2V13
WLD		LINCOLN	SAE300	WELDER 300 AMP DSL	C1130401123-11916
WLD		LINCOLN	SAE300	WELDER 300 AMP DSL	C1130401497-11916
WLD		MILLER	TRAILBLAZER302	WELDER 300 AMP DSL	
GEN		MULTIQUIP	DAC7000SSA	6-7KW GEN SET 125/250 VOL	5675363
GEN		MULTIQUIP	DAC7000SSA	6-7KW GEN SET 125/250 VOL	5675364
GEN		MULTIQUIP	DAC7000SSA	6-7KW GEN SET 125/250 VOL	5675370
GEN		MULTIQUIP	DAC7000SSA	6-7KW GEN SET 125/250 VOL	5677551
AC		DOOSAN	P185WJD	185 CFM AIR COMPRESSOR	455427UFXD75/4FVCABAA9D445427
HTR001		FLAGRO	FVO-400	350,000BTU HEATER	7704
HTR002		FLAGRO	FVO-400	350,000BTU HEATER	7711
HTR003		FLAGRO	FVO-400	350,000BTU HEATER	7855
HTR004		FLAGRO	FVO-400	350.000BTU HEATER	7857
HTR005		FLAGRO	FVO-400	350.000BTU HEATER	7858
HTR006		FLAGRO	FVO-400	350,000BTU HEATER	7890
HTR007		FLAGRO	FVO-400	350,000BTU HEATER	7895
HTR008		FLAGRO	FVO-400	350,000BTU HEATER	7907

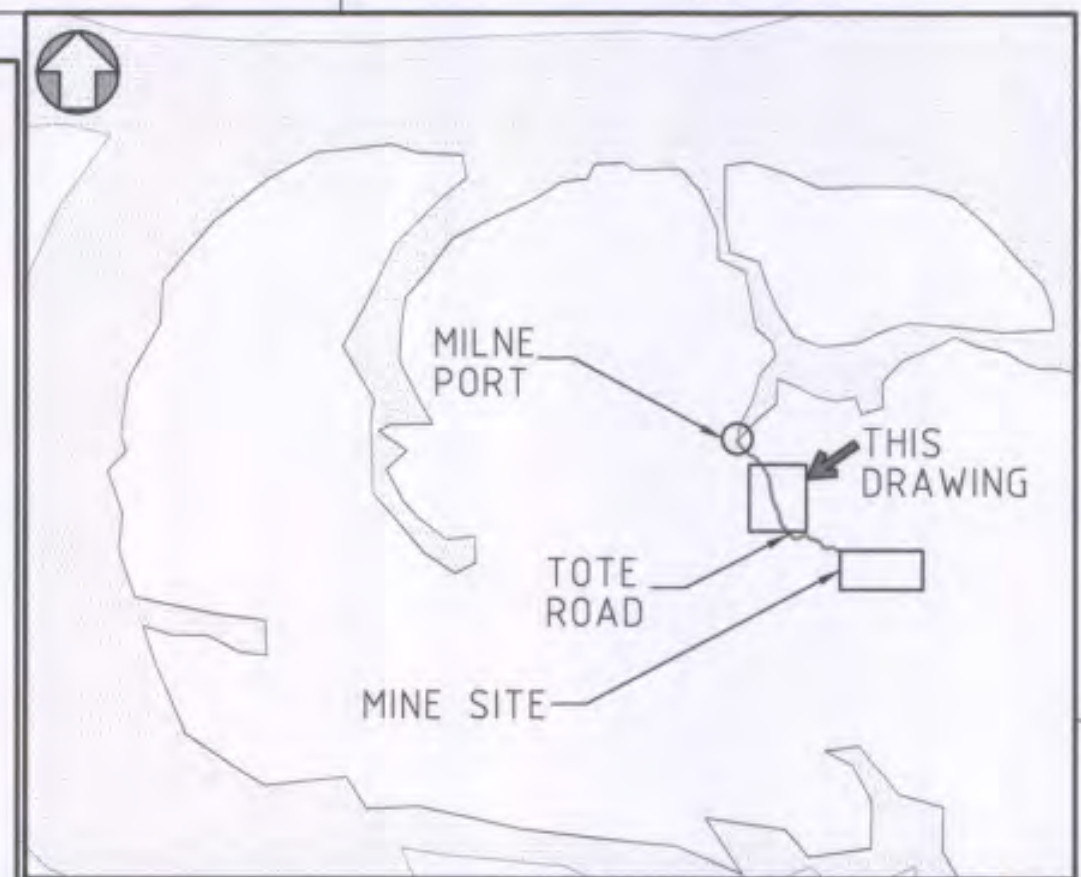
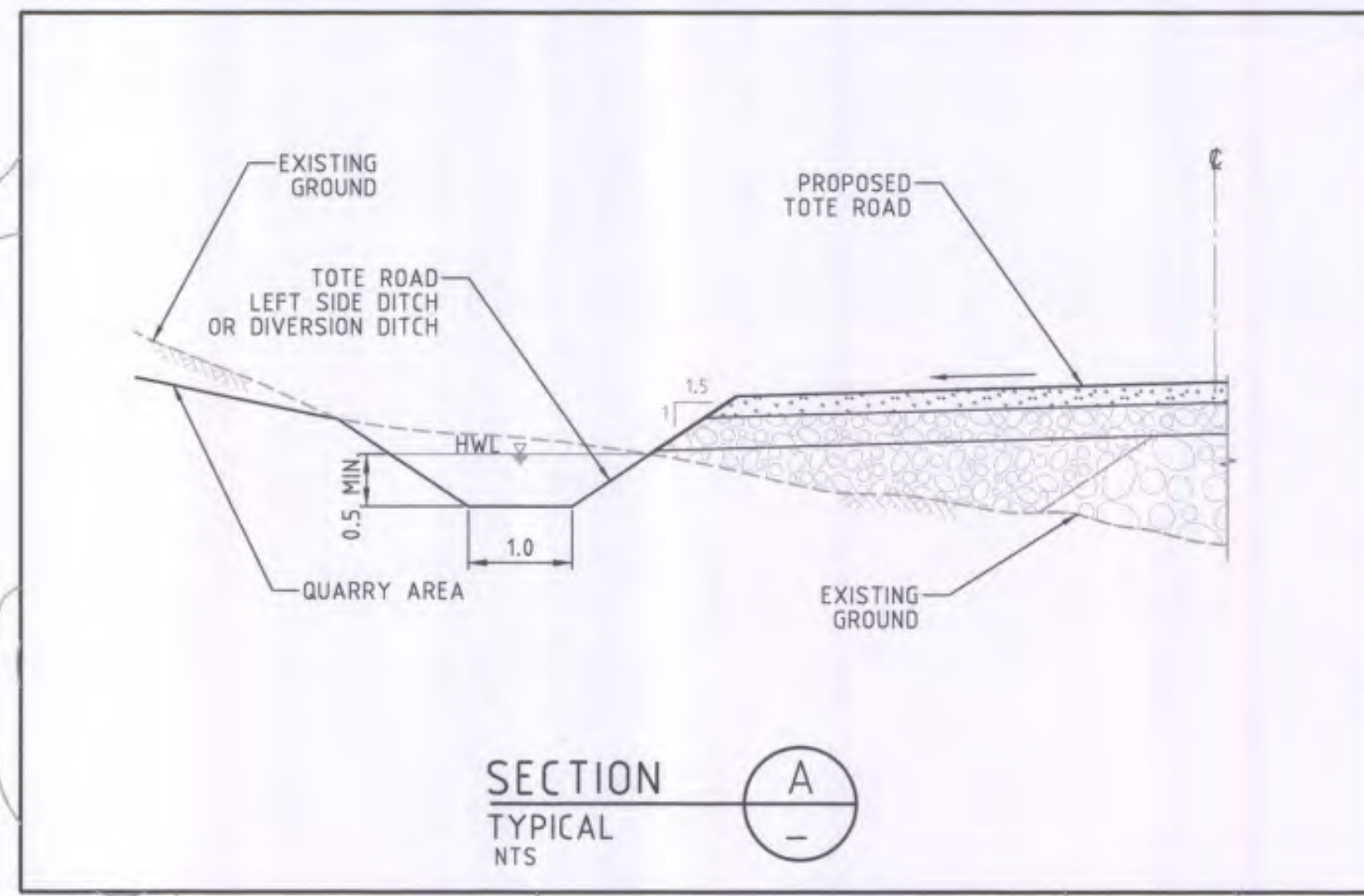
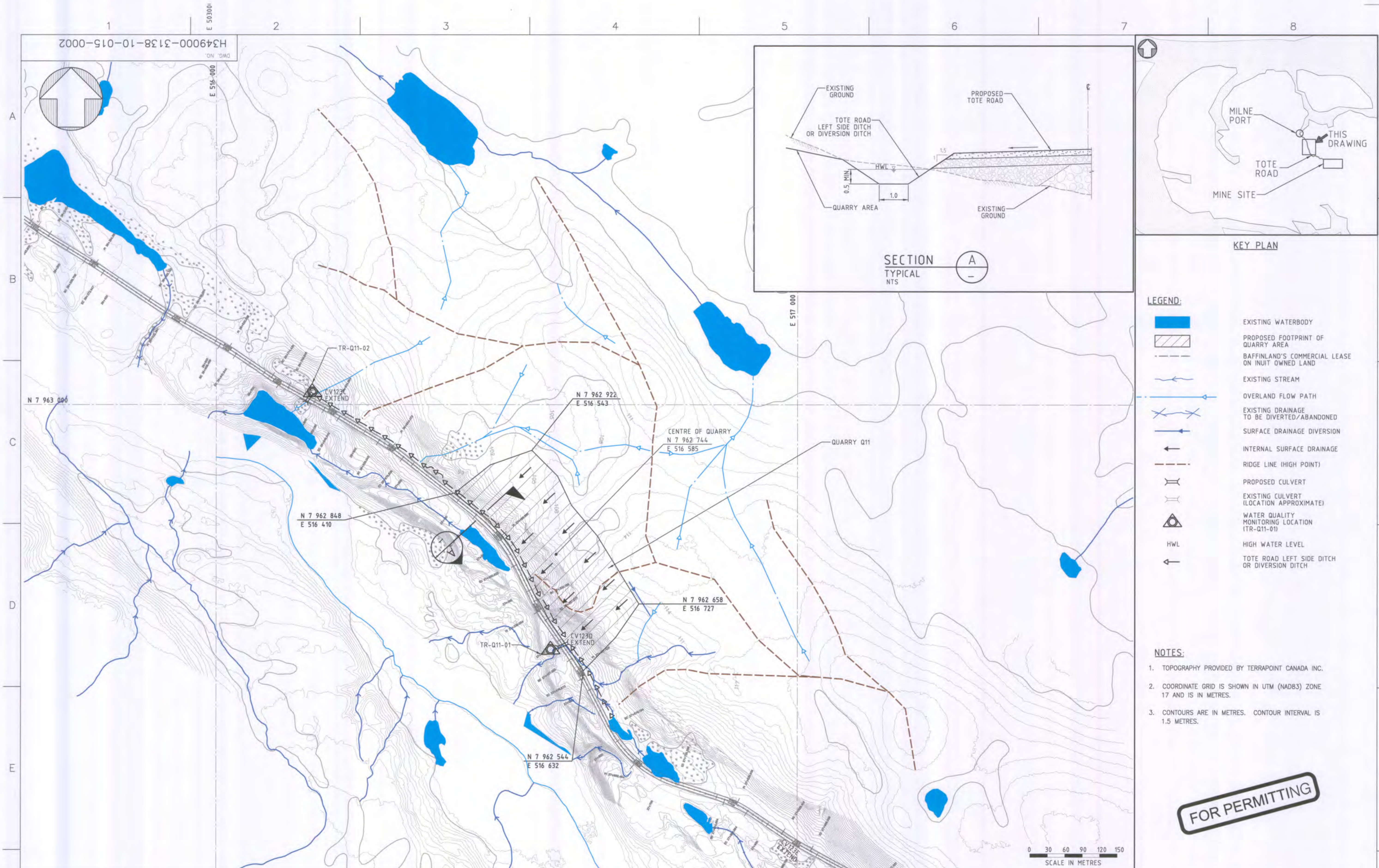
Baffinland					
Unit #	YEAR	MAKE	MODEL	DESC	SER. #
HTR009		FLAGRO	FVO-400	350,000BTU HEATER	7813-13a-0049
HTR010		FLAGRO	FVO-400	350,000BTU HEATER	7834-13a-0097
HTR011		FLAGRO	FVO-400	350,000BTU HEATER	7837-12z-1997
HTR012		FLAGRO	FVO-400	350,000BTU HEATER	7838-12z-1998
HTR013		FLAGRO	FVO-400	350,000BTU HEATER	7835-12z-2000
HTR014		FLAGRO	FVO-400	350,000BTU HEATER	7785-13a-0016
HTR015		FLAGRO	FVO-400	350,000BTU HEATER	8123-13a-0383
HTR016		FLAGRO	FVO-400	350,000BTU HEATER	7847-13a-0047
HTR017		FLAGRO	FVO-400	350,000BTU HEATER	7795-13a-0086
HTR018		FLAGRO	FVO-400	350,000BTU HEATER	8001-13f-0222
HTR019		FLAGRO	FVO-400	350,000BTU HEATER	8004-13f-0219
HTR020		FLAGRO	FVO-400	350,000BTU HEATER	7791-13a-0005
PLT001		WACKER	DPU6555HE	1000lbs PLATE TAMPER	10282741
PLT002		WACKER	DPU6555HE	1000lbs PLATE TAMPER	10282745
PLT003		WACKER	DPU6555HE	1000lbs PLATE TAMPER	10282742
PLT004		WACKER	DPU6555HE	1000lbs PLATE TAMPER	10281741
PLT005		WACKER	DPU3750H	600LBS PLATE TAMPER	10146549
PLT006		WACKER	DPU3750H	600LBS PLATE TAMPER	10185486
PLT007		WACKER	DPU3750H	600LBS PLATE TAMPER	10149813
PLT008		WACKER	DPU3750H	600LBS PLATE TAMPER	10166271
JJ001		WACKER	BS60-4S	JUMPING JACK	20171400
JJ002		WACKER	BS60-4S	JUMPING JACK	20171401
JJ003		WACKER	BS60-4S	JUMPING JACK	20171402
JJ004		WACKER	BS60-4S	JUMPING JACK	20171403
		STEPHENS	MUSTANG	BATCH PLANT	9078-13
		MARCOTTE		Batch Plant Controller	
		STEPHENS		Ventilation System	On batch plant
		TO BE SHIPPED		Water Tank/meter/boiler	
				Aggregate heating	
				Moisture Sensor	
				Concrete testing equipment	
				Lock block forms (6)	
				Rebar bender	
				Rebar bender	
				Insulated Tarps (40 units)	
PWRT001		WACKER	CT48-8A	46"POWER TROWEL	20183318
PWRT002		WACKER	CT48-8A	46"POWER TROWEL	20186843
PWRT003				46"POWER TROWEL 11HP	44V0712017
PWRT004				46"POWER TROWEL	46D0305019
WBS001		HUSQUVARNA	FS413	18"WALK BEHIND SAW	20120004681
WBS002		HUSQUVARNA	FS413	18"WALK BEHIND SAW	4416
WBS003		HUSQUVARNA	FS309	14"WALK BEHIND SAW	20131100016
SC		SMALL TOOLS		40FT STD CONTAINER	OOLU724893-2
SC		SMALL TOOLS		40FT STD CONTAINER	OOLU725042-0
SC				40FT STD CONTAINER	TTNU589304-9
SC				40FT STD CONTAINER	KLFU135999

Baffinland					
Unit #	YEAR	MAKE	MODEL	DESC	SER. #
SC				40FT STD CONTAINER	MOFU031697-7
SC				40FT HIGH CUBE CONTAINER	HJCU105260-8



FOR PERMITTING

					
		DESIGNED BY: <i>[Signature]</i> DRAWN BY: <i>[Signature]</i> DATE 2013-10-10 DATE 2013-10-10 CHECKED BY: <i>[Signature]</i> DISCIPLINE: ENGR. K. FALLAH S. HASSAN DATE 2013-10-17 DATE 2013-10-17 PROJ. DES. COORD. PROJ. ENGR. T. THERTES J. CLELAND DATE 2013-10-17 DATE 2013-10-17 S. PERRY DATE 2013-10-17		MARY RIVER PROJECT TOTE ROAD QUARRY Q7 DRAINAGE PLAN	
H349000-3000-10-012-0009 TOTE ROAD STA. 5+600 TO 6+300 - PLAN AND PROFILE H349000-3000-10-012-0008 TOTE ROAD STA. 4+900 TO 5+600 - PLAN AND PROFILE H349000-3000-10-012-0007 TOTE ROAD STA. 4+200 TO 4+900 - PLAN AND PROFILE		0 FOR PERMITTING SH IK 2013-10-17 REV. ISSUE FOR AUTH. BY DATE		SCALE 1:3000 DWG. NO. H349000-3138-10-015-0001 ORIGINAL SHEET SIZE: ISO A1 (841 x 594)	
PERMIT TO PRACTICE HATCH LTD. Signature: <i>[Signature]</i> Date: 17 Oct 13 PERMIT NUMBER: P 512 The Association of Professional Engineers, Geologists and Geophysicists of NWT/NNU		REGISTERED PROFESSIONAL ENGINEER M. M. S. HASSAN LICENSEE NWT/NNU		THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF BAFFINLAND. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND ALL INFORMATION PROVIDED HEREON. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND ALL INFORMATION PROVIDED HEREON. THE USER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND ALL INFORMATION PROVIDED HEREON.	
REFERENCE DRAWINGS		REVISIONS		ISSUE AUTHORIZATION	
1	2	3	4	5	6

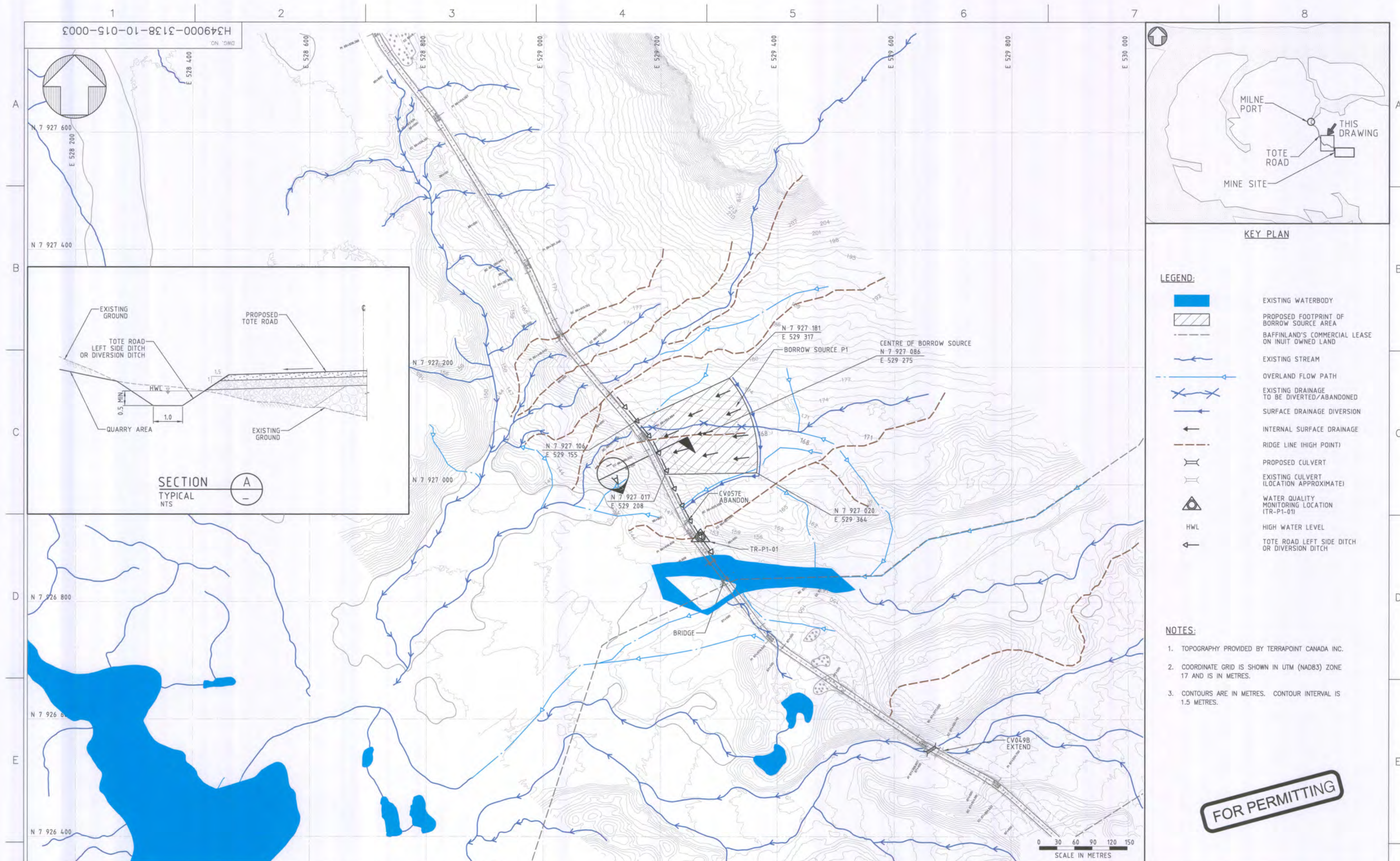


- LEGEND:**
- EXISTING WATERBODY
 - PROPOSED FOOTPRINT OF QUARRY AREA
 - BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
 - EXISTING STREAM
 - OVERLAND FLOW PATH
 - EXISTING DRAINAGE TO BE DIVERTED/ABANDONED
 - SURFACE DRAINAGE DIVERSION
 - INTERNAL SURFACE DRAINAGE
 - RIDGE LINE (HIGH POINT)
 - PROPOSED CULVERT
 - EXISTING CULVERT (LOCATION APPROXIMATE)
 - WATER QUALITY MONITORING LOCATION (TR-Q11-01)
 - HWL
 - TOTE ROAD LEFT SIDE DITCH OR DIVERSION DITCH

- NOTES:**
- TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
 - COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
 - CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 1.5 METRES.

FOR PERMITTING

PERMIT TO PRACTICE HATCH LTD. Signature: <i>[Signature]</i> Date: 17 Oct 13 PERMIT NUMBER: P 512 The Association of Professional Engineers, Geologists and Geophysicists of NWT/NTNU		REGISTERED PROFESSIONAL ENGINEER M.M.S. HASSAN LICENSEE: 1704-13 NTNU		HATCH DESIGNED BY: J. KITYNSKA DATE 2013-10-11 CHECKED BY: K. FALLAH DATE 2013-10-17 PROJ. DES. COORD: T. THERTELL DATE 2013-10-17 PROJ. ENGR: J. CLELAND DATE 2013-10-17		Baffinland MARY RIVER PROJECT TOTE ROAD QUARRY Q11 DRAINAGE PLAN																															
REFERENCE DRAWINGS <table border="1"> <tr> <th>DRAWING NO.</th> <th>DRAWING TITLE</th> </tr> <tr> <td>H349000-3000-10-012-0030</td> <td>TOTE ROAD - STA. 27+450 TO 28+150 - PLAN AND PROFILE</td> </tr> <tr> <td>H349000-3000-10-012-0029</td> <td>TOTE ROAD - STA. 26+750 TO 27+450 - PLAN AND PROFILE</td> </tr> <tr> <td>H349000-3000-10-012-0028</td> <td>TOTE ROAD - STA. 26+050 TO 26+750 - PLAN AND PROFILE</td> </tr> </table>		DRAWING NO.	DRAWING TITLE	H349000-3000-10-012-0030	TOTE ROAD - STA. 27+450 TO 28+150 - PLAN AND PROFILE	H349000-3000-10-012-0029	TOTE ROAD - STA. 26+750 TO 27+450 - PLAN AND PROFILE	H349000-3000-10-012-0028	TOTE ROAD - STA. 26+050 TO 26+750 - PLAN AND PROFILE	REVISIONS <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>BY</th> <th>CHK'D</th> <th>APP'D</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE							ISSUE AUTHORIZATION <table border="1"> <tr> <th>REV.</th> <th>ISSUE FOR</th> <th>SH</th> <th>IK</th> <th>DATE</th> </tr> <tr> <td>0</td> <td>FOR PERMITTING</td> <td>SH</td> <td>IK</td> <td>2013-10-17</td> </tr> </table>		REV.	ISSUE FOR	SH	IK	DATE	0	FOR PERMITTING	SH	IK	2013-10-17	SCALE: 1:3000 OR AS NOTED DWG. NO. H349000-3138-10-015-0002 ORIGINAL SHEET SIZE: ISO A1 (841 x 594)	
DRAWING NO.	DRAWING TITLE																																				
H349000-3000-10-012-0030	TOTE ROAD - STA. 27+450 TO 28+150 - PLAN AND PROFILE																																				
H349000-3000-10-012-0029	TOTE ROAD - STA. 26+750 TO 27+450 - PLAN AND PROFILE																																				
H349000-3000-10-012-0028	TOTE ROAD - STA. 26+050 TO 26+750 - PLAN AND PROFILE																																				
NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE																																
REV.	ISSUE FOR	SH	IK	DATE																																	
0	FOR PERMITTING	SH	IK	2013-10-17																																	

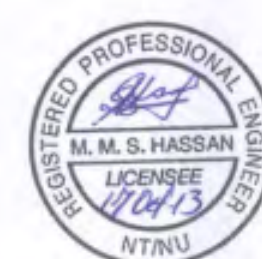


FOR PERMITTING

H349000-3000-10-012-0088	TOTE ROAD - STA. 87+500 TO 88+200 - PLAN AND PROFILE
H349000-3000-10-012-0087	TOTE ROAD - STA. 86+800 TO 87+500 - PLAN AND PROFILE
H349000-3000-10-012-0086	TOTE ROAD - STA. 86+100 TO 86+800 - PLAN AND PROFILE
H349000-3000-10-012-0085	TOTE ROAD - STA. 85+410 TO 86+100 - PLAN AND PROFILE
DRAWING NO.	DRAWING TITLE
REFERENCE DRAWINGS	

PERMIT TO PRACTICE
HATCH LTD.
Signature: 
Date: 17 Oct. 13
PERMIT NUMBER: P 512
The Association of Professional Engineers
Geologists and Geophysicists of NWT/NL

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[illegible][illegible]
HATCH™

DESIGNED BY I. KITYNSKA DATE 2013-10-10	DRAWN BY I. KITYNSKA DATE 2013-10-10
CHECKED BY K. FALLAH DATE 2013-10-17	DISCIP. ENGR. S. HASSAN DATE 2013-10-11
PROJ. DES. COORD T. THERETT DATE 2013-10-17	PROJ. ENGR. J. CLELAND DATE 2013-10-17
PROJ. MGR. S. PERRY	



MARY RIVER PROJECT

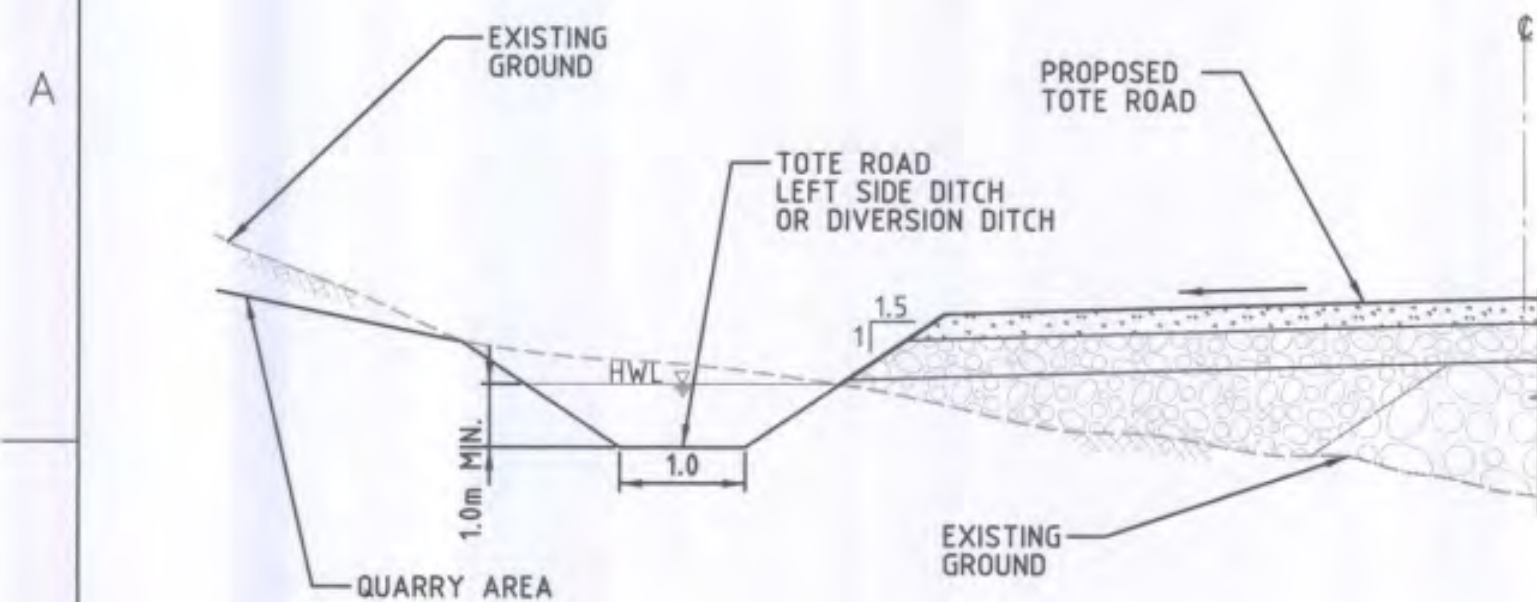
TOTE ROAD
BORROW SOURCE P1
DRAINAGE PLAN

SCALE 1:3000 OR AS NOTED	DWG. NO. H349000-3138-10-015-0003
ORIGINAL SHEET SIZE: ISO A1 (841 x 594)	

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H349000-3138-10-015-0004

ON DWG



SECTION
TYPICAL
NTS

A
—

CENTRE OF QUARRY
N 7 915 063
E 554 574

QUARRY
Q 19

N 7 915 123
E 554 621

N 7 915 070
E 554 456

N 7 915 084
E 554 721

N 7 915 046
E 554 671

N 7 914 984
E 554 467

KEY PLAN

LEGEND

- EXISTING WATERBODY
- PROPOSED FOOTPRINT OF QUARRY AREA
- BAFFINLAND'S COMMERCIAL LEASE ON INUIT OWNED LAND
- EXISTING STREAM
- OVERLAND FLOW PATH
- EXISTING DRAINAGE TO BE DIVERTED/ABANDONED
- SURFACE DRAINAGE DIVERSION
- INTERNAL SURFACE DRAINAGE
- RIDGE LINE (HIGH POINT)
- PROPOSED CULVERT
- EXISTING CULVERT (LOCATION APPROXIMATE)
- WATER QUALITY MONITORING LOCATION (TR-Q19-01)
- TOTE ROAD LEFT DITCH OR DIVERSION DITCH

NOTES:

- TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
- COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
- CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 1.5 METRES.

FOR PERMITTING

0 15 30 45 60 75
SCALE IN METRES

HATCH

Baffinland

MARY RIVER PROJECT

TOTE ROAD
QUARRY Q19
DRAINAGE PLAN

SCALE
1:1500
OR AS NOTED
DWG. NO.
H349000-3138-10-015-0004
ORIGINAL SHEET SIZE: ISO A1 (841 x 594)

PERMIT TO PRACTICE
HATCH LTD.
Signature: [Signature]
Date: 17/01/13
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT/NTU



DESIGNED BY: D. SINGH
DATE 2013-10-11
CHECKED BY: K. FALLAH
DATE 2013-10-17
PROJ. DES. COORD: T. THERIAULT
DATE 2013-10-17
PROJ. MGR: S. PERRY
DATE 2013-10-17
DRAWN BY: D. SINGH
DATE 2013-10-11
DISCIP. ENGR.: S. HASSAN
DATE 2013-10-17
PROJ. ENGR.: J. CLELAND
DATE 2013-10-17

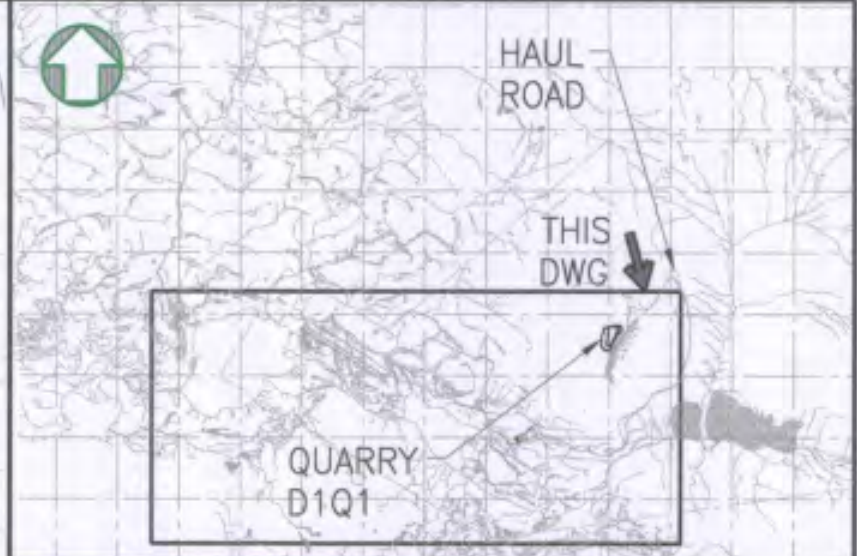
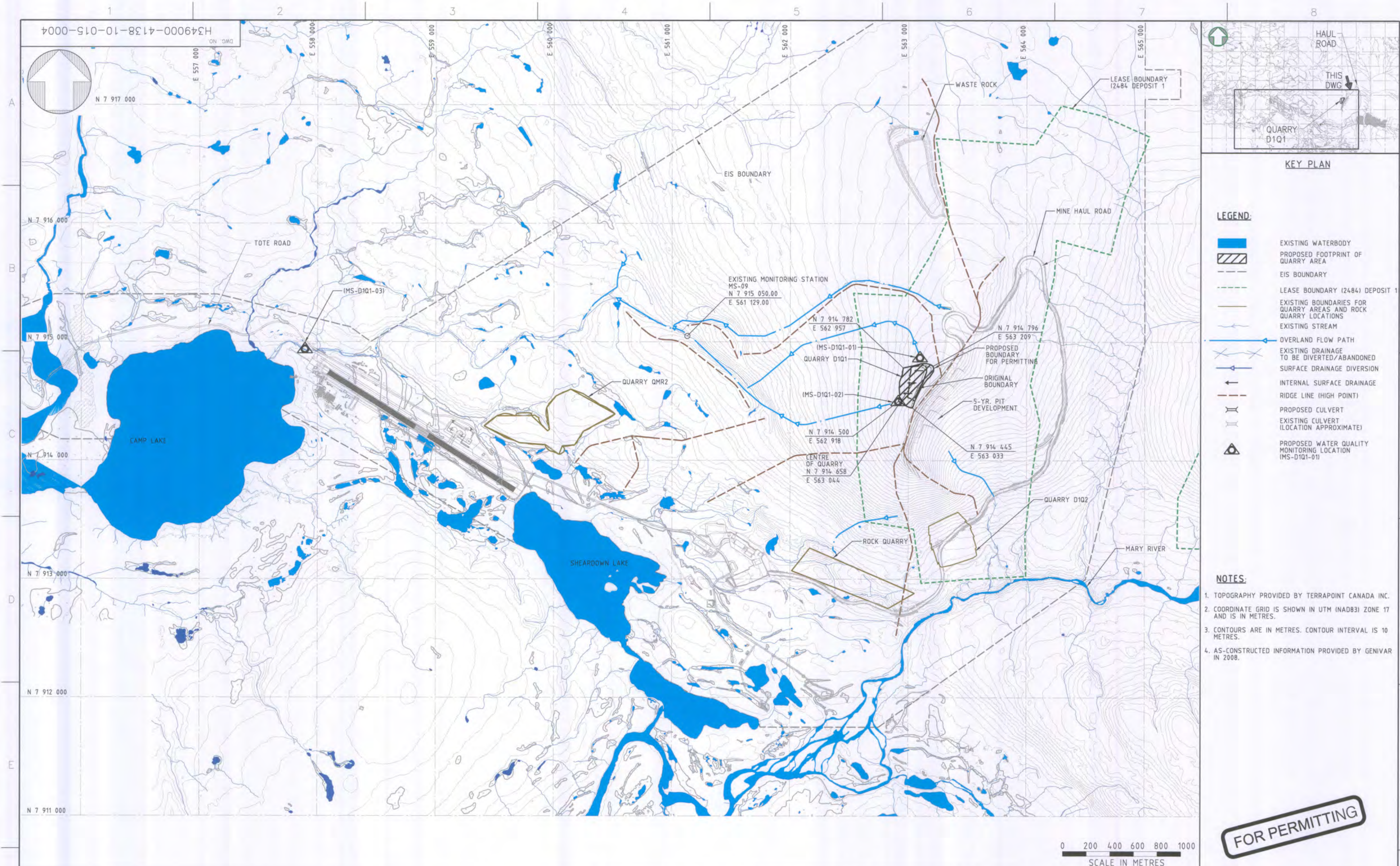
H349000-3000-10-012-0135 TOTE ROAD-STA 163+650 TO 164+350-PLAN & PROFILE
H349000-3000-10-012-0134 TOTE ROAD-STA 162+950 TO 163+650-PLAN & PROFILE

REFERENCE DRAWINGS

REVISIONS

ISSUE AUTHORIZATION

17/10/2013 4:51:27 PM
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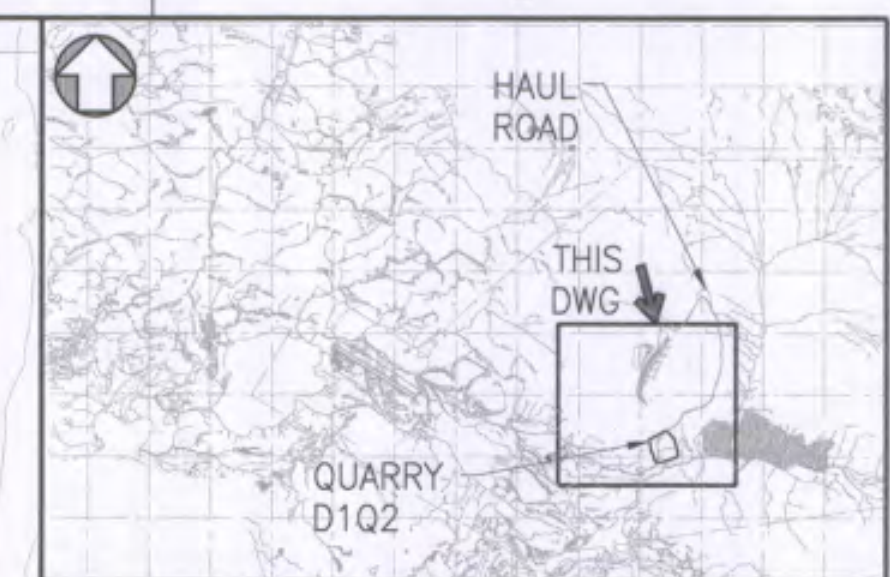
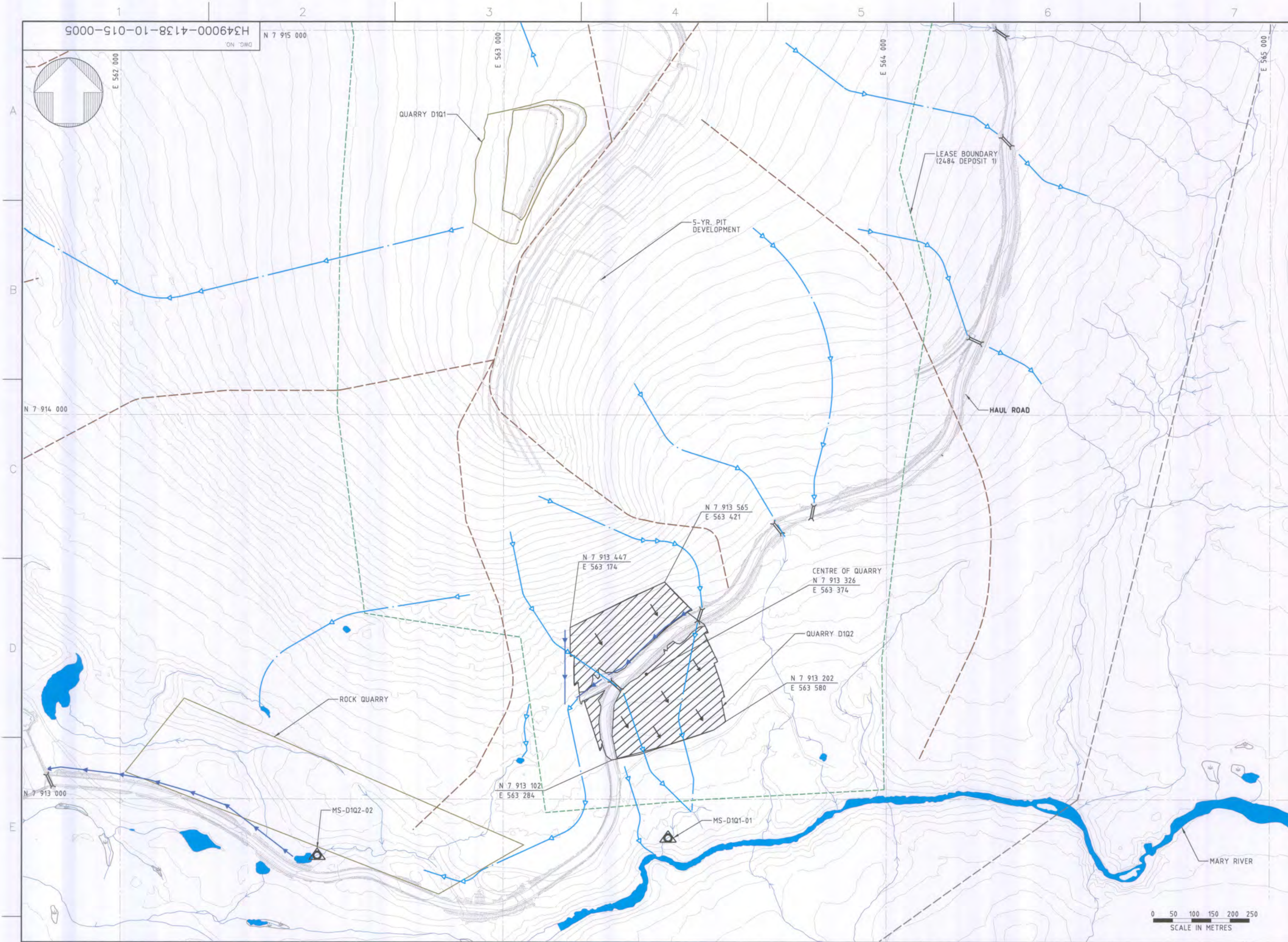
- LEGEND:**
- EXISTING WATERBODY
 - PROPOSED FOOTPRINT OF QUARRY AREA
 - EIS BOUNDARY
 - LEASE BOUNDARY (2484) DEPOSIT 1
 - EXISTING BOUNDARIES FOR QUARRY AREAS AND ROCK QUARRY LOCATIONS
 - EXISTING STREAM
 - OVERLAND FLOW PATH
 - EXISTING DRAINAGE TO BE DIVERTED/ABANDONED
 - SURFACE DRAINAGE DIVERSION
 - INTERNAL SURFACE DRAINAGE
 - RIDGE LINE (HIGH POINT)
 - PROPOSED CULVERT
 - EXISTING CULVERT (LOCATION APPROXIMATE)
 - PROPOSED WATER QUALITY MONITORING LOCATION (MS-D1Q1-01)

- NOTES:**
- TOPOGRAPHY PROVIDED BY TERRAPOINT CANADA INC.
 - COORDINATE GRID IS SHOWN IN UTM (NAD83) ZONE 17 AND IS IN METRES.
 - CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 10 METRES.
 - AS-CONSTRUCTED INFORMATION PROVIDED BY GENIVAR IN 2008.

FOR PERMITTING

0 200 400 600 800 1000
SCALE IN METRES

PERMIT TO PRACTICE HATCH LTD. Signature: <i>[Signature]</i> Date: 17 Oct 13 PERMIT NUMBER: P 512 The Association of Professional Engineers, Geologists and Geophysicists of NWT/NTU		REGISTERED PROFESSIONAL ENGINEER M.M.S. HASSAN LICENSEE NTNU		HATCH DESIGNED BY: G. JUBINVILLE DRAWN BY: G. JUBINVILLE DATE 2013-10-10 CHECKED BY: K. FALLAH DATE 2013-10-17 PROJ. DES. COORD: T. THERIET DATE 2013-10-17 PROJ. ENGR: J. CLELAND DATE 2013-10-17 PROJ. MGR: S. PERR DATE 2013-10-17		Baffinland MARY RIVER PROJECT MINE SITE QUARRY D1Q1 DRAINAGE PLAN SCALE: 1:15000 OR AS NOTED DWG. NO.: H349000-4138-10-015-0004 ORIGINAL SHEET SIZE: ISO A1 (841 x 594)	
REFERENCE DRAWINGS		REVISIONS		ISSUE AUTHORIZATION		REV.	
H349000-4138-10-015-0003 MINE SITE-ROCK QUARRY/BORROW AREA NO.2- DRAINAGE PLAN		NO. DESCRIPTION BY CHK'D/APP'D DATE		REV. ISSUE FOR AUTH. BY DATE		0	
H349000-3000-10-012-0140 TOTE ROAD-STA. 167+150 TO 167+850-PLAN AND PROFILE							
H349000-4000-00-014-0001 MINE SITE-OVERALL SITE LAYOUT -GENERAL ARRANGEMENT							
H349000-4221-10-014-0001 MINE HAUL ROAD - OVERALL LAYOUT							



- LEGEND:**
- EXISTING WATERBODY
 - PROPOSED FOOTPRINT OF QUARRY AREA
 - EIS BOUNDARY
 - LEASE BOUNDARY (2484 DEPOSIT 1)
 - EXISTING BOUNDARIES FOR QUARRY AREAS AND ROCK QUARRY LOCATIONS
 - EXISTING STREAM
 - OVERLAND FLOW PATH
 - EXISTING DRAINAGE TO BE DIVERTED/ABANDONED
 - SURFACE DRAINAGE DIVERSION
 - INTERNAL SURFACE DRAINAGE
 - RIDGE LINE (HIGH POINT)
 - PROPOSED CULVERT
 - EXISTING CULVERT (LOCATION APPROXIMATE)
 - PROPOSED WATER QUALITY MONITORING LOCATION (MS-D1Q2-01)

- NOTES:**
- TOPOGRAPHY PROVIDED BY TERRAPoint CANADA INC.
 - COORDINATE GRID IS SHOWN IN UTM NAD83(1) ZONE 17 AND IS IN METRES.
 - CONTOURS ARE IN METRES. CONTOUR INTERVAL IS 10 METRES.
 - AS-CONSTRUCTED INFORMATION PROVIDED BY GENIVAR IN 2008.

FOR PERMITTING

DRAWING NO.	DRAWING TITLE
H349000-4138-10-015-0003	MINE SITE - ROCK QUARRY/BORROW AREA NO.2-DRAINAGE PLAN
H349000-4000-10-014-0001	MINE SITE OVERALL LAYOUT - GENERAL ARRANGEMENT
H349000-4221-10-014-0001	MINE HAUL ROAD - OVERALL LAYOUT

PERMIT TO PRACTICE
HATCH LTD.
Signature: [Signature]
Date: 17/04/13
PERMIT NUMBER: P 512
The Association of Professional Engineers, Geologists and Geophysicists of NWT (NWTAG)

NO.	DESCRIPTION	BY	CHK'D/APP'D	DATE
REVISIONS				



REV.	ISSUE FOR	AUTH. BY	DATE
0	FOR PERMITTING	SH:IK	2013-10-17

HATCH

DESIGNED BY: G. JUBINVILLE
DATE: 2013-10-10
CHECKED BY: K. FALLAH
DATE: 2013-10-17
PROJ. DES. COORD: T. THERIAULT
DATE: 2013-10-17

DRAWN BY: G. JUBINVILLE
DATE: 2013-10-10
DISCIP. ENGR: S. HASSAN
DATE: 2013-10-17
PROJ. ENGR: J. CLELAND
DATE: 2013-10-17

PROJ. MGR: S. PERRY
DATE: 2013-10-17

Baffinland

MARY RIVER PROJECT

MINE SITE
QUARRY D1Q2
DRAINAGE PLAN

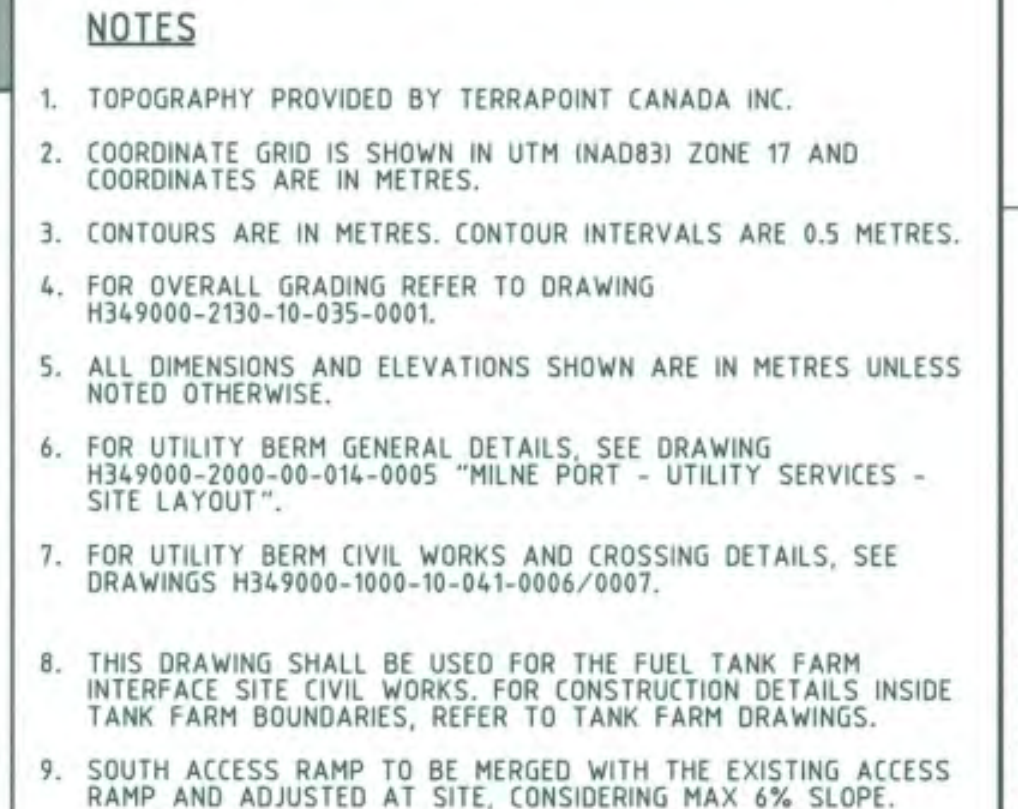
DWG. NO.
H349000-4138-10-015-0005

SCALE
1:5000
OR AS NOTED

ORIGINAL SHEET SIZE: ISO A1 (841 x 594)

REV. 0

17/04/2013 2:53:49 PM
c:\proj\projectwise\hatch\69254\dms74793\H349000-4138-10-015-0005.dgn



			
DESIGNED BY: <u>K. FALLAH</u> DATE 2013-07-26 CHECKED BY: <u>A. SAHELI</u> DATE 2013-08-19 PROJ. DES. COORD: <u>T. THERTELL</u> DATE 2013-08-19 PROJ. MGR.: <u>S. PERRY</u> DATE 2013-08-19		DRAWN BY: <u>A. VALENCIA</u> DATE 2013-07-26 DISCIP. ENGR.: <u>S. HASSAN</u> DATE 2013-08-19 PROJ. ENGR.: <u>J. CLELAND</u> DATE 2013-08-19	
MARY RIVER PROJECT MILNE PORT FUEL TANK FARM INTERFACE EARTHWORKS & DRAINAGE-PLAN & SECTION		SCALE: 1:750 OR AS NOTED DWG. NO. H349000-2130-10-035-0003 ORIGINAL SHEET SIZE: ISO A1 (841 x 594)	
PERMIT TO PRACTICE  M.M.S. HASSAN LICENSEE 01513 NTNU		PERMIT TO PRACTICE  HATCH LTD. Signature: <u>[Signature]</u> Date: <u>19.05.13</u> PERMIT NUMBER: P 512 The Association of Professional Engineers, Geologists and Geophysicists of NWT/NU	
THIS DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF BAFFINLAND. THE ASSOCIATION OF PROFESSIONAL ENGINEERS, GEOLOGISTS AND GEOPHYSICISTS OF NWT/NU (APENG) IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY BAFFINLAND. THE ASSOCIATION OF PROFESSIONAL ENGINEERS, GEOLOGISTS AND GEOPHYSICISTS OF NWT/NU (APENG) IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY BAFFINLAND. THE ASSOCIATION OF PROFESSIONAL ENGINEERS, GEOLOGISTS AND GEOPHYSICISTS OF NWT/NU (APENG) IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY BAFFINLAND.		NO. DESCRIPTION BY CHK'D APP'D DATE	
H349000-2735-10-035-0001 OFF-SPEC EFFLUENT POND (PWSP) - PLAN H349000-2134-10-035-0001 ACCOMMODATION CAMP - EARTHWORKS & DRAINAGE - PLAN H349000-2130-10-035-0002 LAYDOWN AREA, CAMP & SERVICE BUILDINGS - EARTHWORKS & DRAINAGE SECTIONS H349000-2130-10-035-0001 LAYDOWN AREA, CAMP & SERVICE BUILDINGS - EARTHWORKS & DRAINAGE PLAN		REVISIONS	
DRAWING NO. DRAWING TITLE REFERENCE DRAWINGS		ISSUE AUTHORIZATION	

Site Retrograde Shipping Receipt

Shipper: Hatch Ltd			Consignee: NEAS		
Barcode	QTY.	Description	Weight (kg)		
BH-0273	1	Sea Container (20') # 260369 10 Quatrex Bags - Kitchen Grease (5000kg total) HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1	
			W	2.44	
			H	2.59	
			m ³	38.55	
Barcode	QTY.	Description	Weight (kg)		
BH-0268	1	Sea Container (20') # 361457 21 Bulk (Bladders and Hose) HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1	
			W	2.44	
			H	2.59	
			m ³	38.55	
Barcode	QTY.	Description	Weight (kg)		
BH-0298	1	Sea Container (20') # 340709 21 Bulk (Bladders) HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1	
			W	2.44	
			H	2.59	
			m ³	38.55	
Barcode	QTY.	Description	Weight (kg)		
BH-0267	1	Sea Container (20') # 283350 21 Bulk (Bladders) HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1	
			W	2.44	
			H	2.59	
			m ³	38.55	

Onward Shipping Information

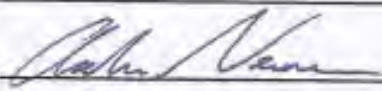
Destination:	Contact Person:
Valleyfield, Quebec	Benoit Dion
Trucking Information	Phone Number:
Port Valleyfield (NEAS Terminal) 950 Boul. Gerard Cadieux J6T 6L4	1 (514) 718 1230
	Email:
	bdion@sanexen.com
Shipper:	Checker: <i>G. Dickinson</i>
Sign: <i>[Signature]</i>	Sign: <i>[Signature]</i>

THIS RECEIPT IS NON-NEGOTIABLE

Site Retrograde Shipping Receipt

Shipper: Hatch Ltd			Consignee: NEAS	
Barcode	QTY.	Description	Weight (kg)	9888
BH-0270	1	Sea Container (20') # 274878 10 Bulk (Bladders and Hose) HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1
			W	2.44
			H	2.59
			m ³	38.55
Barcode	QTY.	Description	Weight (kg)	4808
BH-0269	1	Sea Container (20')# 222197 100 Bulk (Hose) HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1
			W	2.44
			H	2.59
			m ³	38.55
Barcode	QTY.	Description	Weight (kg)	5897
BH-0233	1	Sea Container (20')# 232487 200 Crushed drums (8000kg total) HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1
			W	2.44
			H	2.59
			m ³	38.55
Barcode	QTY.	Description	Weight (kg)	6260
BH-0232	1	Sea Container (20')# 367565 200 Crushed drums (8000kg total) HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1
			W	2.44
			H	2.59
			m ³	38.55

Onward Shipping Information

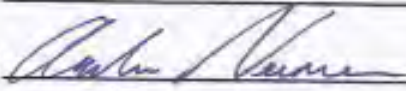
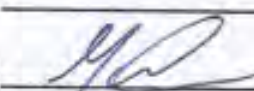
Destination:	Contact Person:
Valleyfield, Quebec	Benoit Dion
Trucking Information	Phone Number:
Port Valleyfield (NEAS Terminal) 950 Boul. Gerard Cadieux J6T 6L4	1 (514) 718 1230
	Email:
	bdion@sanexen.com
Shipper:	Checker:
Sign: 	Sign: 

THIS RECEIPT IS NON-NEGOTIABLE

Site Retrograde Shipping Receipt

Shipper: Hatch Ltd			Consignee: NEAS	
Barcode	QTY.	Description	Weight (kg)	
BH-0272	1	Sea Container (20') # 047433 7 Quatrex Bags - Contaminated Oily Solids (3500kg total) 1 Waste Oil Cube (1000 kg)	L	6.1
			W	2.44
			H	2.59
			m ³	38.55
Barcode	QTY.	Description	Weight (kg)	
BH-0271	1	Sea Container (20') # 286827 200 Crushed drums HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1
			W	2.44
			H	2.59
			m ³	38.55
Barcode	QTY.	Description	Weight (kg)	
BH-0274	1	Sea Container (20') # 218017 200 Crushed drums HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	L	6.1
			W	2.44
			H	2.59
			m ³	38.55
Barcode	QTY.	Description	Weight (kg)	
BH-0206 - BH-0231	26	Pallets of Crushed Drums NOT REGULATED BY TDGA	L	1.3
			W	1.3
			H	1.06
			m ³	1.79

Onward Shipping Information

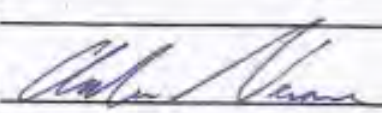
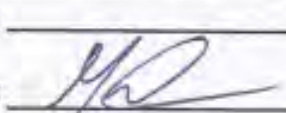
Destination:	Contact Person:
Valleyfield, Quebec	Benoit Dion
Trucking Information	Phone Number:
Port Valleyfield (NEAS Terminal) 950 Boul. Gerard Cadieux J6T 6L4	1 (514) 718 1230
	Email:
	bdion@sanexen.com
Shipper:	Checker:
Sign: 	Sign: 

THIS RECEIPT IS NON-NEGOTIABLE

Site Retrograde Shipping Receipt

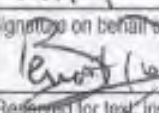
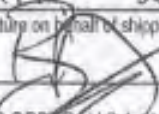
Shipper: Hatch Ltd			Consignee: NEAS	
Barcode	QTY.	Description	Weight (kg)	1090 total
BH-0205	1	Crate of Compressed Gas Cylinders 23 Oxygen Cylinders, UN 1072, CLASS 2.2 (5.1) 1 Nitrogen Cylinder, UN 1066, CLASS 2.2	L	0.95
			W	1.98
			H	1.65
			m ³	3.10
Barcode	QTY.	Description	Weight (kg)	33000 total
BH-0234 - BH-0266	33	Waste Oil Cubes NOT REGULATED BY TDGA	L	1.02
			W	1.02
			H	1.3
			m ³	1.35252
Barcode	QTY.	Description	Weight (kg)	41050 total
BH-0107 - BH-0176; BH-0292 - BH-0297	76	Quatrex Bags Several different types of hazardous waste	L	1.3
			W	1.3
			H	1.2
			m ³	2.03
Barcode	QTY.	Description	Weight (kg)	23050 total
BH-0183 - BH-0204	22	Pallets of Barrels Several different types of hazardous waste	L	1.35
			W	1.35
			H	1.18
			m ³	2.15

Onward Shipping Information

Destination:	Contact Person:
Valleyfield, Quebec	Benoit Dion
Trucking Information	Phone Number:
	1 (514) 718 1230
	Email:
	bdion@sanexen.com
Shipper:	Checker:
Sign: 	Sign: 

THIS RECEIPT IS NON-NEGOTIABLE

IMDG DECLARATION

Shipper/consignor # NVG 100023 BAFFINLAND IRON MINES MARY-RIVER PROJECT FROM: MILNE INLET, Nunavut		Reference number(s) Movement document #JP 46337-4 Page 1 of 1 Pages		
Consignee PORT OF VALLEYFIELD 950 Boul. Gérard Cadieux Valleyfield, Qc, Can, J6T 6L4		Carrier Nunavut Eastern Arctic Shipping (NEAS)		
CONTAINER/VEHICLE PACKING CERTIFICATE DECLARATION It is declared that the packing of the goods into the container/vehicle has been carried out in accordance with the applicable provisions. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES Container/Vehicle #:		Name/status, company/organization of signatory BIM via Qikiqtalik Env. Place and date MtL, September 2013 Signature on behalf of leader 		
Vessel No. and Date Port of loading Milne Inlet, Nunavut		(Reserved for text, instructions or other matter)		
Port of discharge Valleyfield, Qc				
No. & Kind of Packages	DESCRIPTION OF GOODS (UN Number, PSN, Hazard Class, Packing Group, Flash Point, Marine Pollutant)	QUANTITY		
		Gross mass (kg)	Net mass (kg)	Cube (m³)
	See attached Annex			
Additional Information / Seal Number(s):				
Emergency Telephone No. / 24-Hour Number: Canutech 1 (613) 996 6666 24/7				
SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.		Name/status of declarant BENOIT DION, P.M. for DE Place and date MtL, September 2013 Signature on behalf of shipper 		

No. & Kind of Packages	DESCRIPTION OF GOODS (UN Number, PSN, Hazard Class, Packing Group, Flash Point, Marine Pollutant)	QUANTITY		
		Gross mass (kg)	Net mass (kg)	Cube (m³)
SINGLE AND/OR ON PALETT				
33 TOTE TANK	WASTE OIL, NOT REGULATED BY TDGA	33,000		33.0
1 OVERSIZE METAL DRUM	WASTE OIL, NOT REGULATED BY TDGA	400		0.4
1 QUATREX	FIRE EXTINGUISHER (UNCHARGED), NOT REGULATED BY TDGA	400		1.0
3 QUATREX	WASTE, BATTERIES, WET, FILLED WITH ACID, UN 2794, CLASS 8, P. G. III	1,500		3.0
1 DRUM	WASTE, BATTERIES, WET, FILLED WITH ACID, UN 2794, CLASS 8, P. G. III	350		0.2
1 QUATREX	COATED WIRE, NOT REGULATED BY TDGA	350		1.0
2 QUATREX	ELECTRICAL WASTE, NOT REGULATED BY TDGA	500		2.0
18 QUATREX	CONTAMINATED OILY SOLID, NOT REGULATED BY TDGA	2,700		18.0
4 OVERSIZE METAL DRUM	CONTAMINATED OILY SOLID, NOT REGULATED BY TDGA	600		1.4
15 QUATREX	OWS FILTER / NANOFILTERS, NOT REGULATED BY TDGA	15,000		15.0
19 QUATREX	OWS WASTE ACTIVATED CARBON, NOT REGULATED BY TDGA	17,000		19.0
12 DRUM	OWS WASTE ACTIVATED CARBON, NOT REGULATED BY TDGA	3,000		2.5
10 DRUM	OWS WASTE USED CLAY, NOT REGULATED BY TDGA	2,500		2.1
1 DRUM	OWS WASTE WATER, NOT REGULATED BY TDGA	250		0.3
1 QUATREX	WASTE, FLAMMABLE LIQUID, N.O.S. (FUEL MIX), UN 1993, CLASS 3, P. G. II, Flash Point 45°C closed cup	250		1.0
10 OVERSIZE METAL DRUM	WASTE, FLAMMABLE LIQUID, N.O.S. (FUEL MIX), UN 1993, CLASS 3, P. G. II, Flash Point 45°C closed cup	3,600		3.6
13 DRUM	WASTE, FLAMMABLE LIQUID, N.O.S. (FUEL MIX), UN 1993, CLASS 3, P. G. II, Flash Point 45°C closed cup	3,250		2.7
5 OVERSIZE METAL DRUM	AEROSOLS, FLAMMABLE, N.O.S., UN 1950, CLASS 2.1	1,250		1.8
1 DRUM	AEROSOLS, FLAMMABLE, N.O.S., UN 1950, CLASS 2.1	200		0.2
5 OVERSIZE METAL DRUM	WASTE GLYCOL, NOT REGULATED BY TDGA	1,500		1.8
1 DRUM	WASTE GLYCOL, NOT REGULATED BY TDGA	250		0.2
7 OVERSIZE METAL DRUM	OIL FILTER, NOT REGULATED BY TDGA	2,800		2.5
3 OVERSIZE METAL DRUM	HUMAN WASTE, NOT REGULATED BY TDGA	1,500		1.1
3 DRUM	HUMAN WASTE, NOT REGULATED BY TDGA	1,050		0.6
6 QUATREX	KITCHEN GREASE, NOT REGULATED BY TDGA	3,000		6.0
4 DRUM	KITCHEN GREASE, NOT REGULATED BY TDGA	1,000		0.8
23 CYLINDER	OXYGEN, COMPRESSED, UN 1072, CLASS 2.2 (5.1)	1,045		10.4
1 CYLINDER	NITROGEN, COMPRESSED, UN 1066, CLASS 2.2	45		0.5
26 PALETT	CRUSHED DRUMS (NOT TDG REGULATED)	10,400		11.7
CONTAINER # 260369				
10 QUATREX	KITCHEN GREASE, NOT REGULATED BY TDGA	5,000		10.0

Name /status of signatory : Benoit Dion QE for B.I.M.

Place and date : Montreal 2013

Signature on behalf of shipper : _____

No. & Kind of Packages	DESCRIPTION OF GOODS (UN Number, PSN, Hazard Class, Packing Group, Flash Point, Marine Pollutant)	QUANTITY		
		Gross mass (kg)	Net mass (kg)	Cube (m³)
CONTAINER # 047433				
1 TOTE TANK	WASTE OIL, NOT REGULATED BY TDGA	1,000		1.0
1 QUATREX	WASTE INSULATION, NOT REGULATED BY TDGA	250		1.0
4 QUATREX	CONTAMINATED OILY SOLID, NOT REGULATED BY TDGA	600		4.0
1 QUATREX	OWS FILTER / NANOFILTERS, NOT REGULATED BY TDGA	1,000		1.0
1 QUATREX	OWS WASTE ACTIVATED CARBON, NOT REGULATED BY TDGA	1,000		1.0
CONTAINER # 232487				
200 BULK	CRUSHED DRUMS, NOT REGULATED BY TDGA	4,000		13.5
CONTAINER # 367565				
200 BULK	CRUSHED DRUMS, NOT REGULATED BY TDGA	4,000		13.5
CONTAINER # 286827				
200 BULK	CRUSHED DRUMS, NOT REGULATED BY TDGA	4,000		13.5
CONTAINER # 218017				
200 BULK	CRUSHED DRUMS, NOT TDG REGULATED BY TDGA	4,000		13.5
CONTAINER # 283350				
21 BULK (BLADDERS)	HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	11,500		13.5
CONTAINER # 274878				
10 BULK (BLADDERS & HOSE)	HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	11,500		13.5
CONTAINER # 361457				
21 BULK (BLADDERS & HOSE)	HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	11,500		13.5
CONTAINER # 222197				
100 BULK (HOSE)	HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	11,500		13.5
CONTAINER # 340709				
21 BULK (BLADDERS)	HYDROCARBON CONTAMINATED SOLID, NOT REGULATED BY TDGA	11,500		13.5
Emergency Telephone No. / 24 -hour Number : Canutec 1-613-996-6666				

Name /status of signatory : Benoit Dion QE for B.I.M.

Place and date : Montreal 2013

Signature on behalf of shipper : _____

MOVEMENT DOCUMENT / MANIFEST DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document conforms to all federal and provincial transport and environmental legislation. Ce document de mouvement respecte toutes les lois fédérales et provinciales sur l'environnement et le transport.

A Generator / consignee Producteur / expéditeur

Registration No. / Provincial ID No.
N° d'immatriculation - Cdu provincial
NUG-100023

Company name / Nom de l'entreprise
BAEFINLANQ IRON MINES

Mailing address / Adresse postale
City / Ville
2275 Upper Middle Oakville Dr. L6H 0G3

Email / Courriel
NICOLAS.KUZYK@baefinlanq.com

Shipping address / Adresse de livraison
City / Ville
Port of Milne Inlet

Province
Nunavut

Postal code / Code postal
N1A

B Carrier Transporteur

Registration No. / Provincial ID No.
N° d'immatriculation - Cdu provincial
NUNAVUT EASTERN ARCTIC SHIPPING (NEAS)

Company name / Nom de l'entreprise
2100 Pierre Dupuy Mtl. QC H3C 3R5

Mailing address / Adresse postale
City / Ville
Inadaw @ nanuk.ca

Email / Courriel
Inadaw @ nanuk.ca

Vehicle / Véhicule
Trailer - Roll on No. 1
Trailer - Roll on No. 2
Trailer - Semi-trailer - unit

Port of entry
Point d'entrée
Point of exit
Point de sortie

Carrier Certification / Certificat de transporteur
This document is valid only for the information contained in Part A. It is not valid for any other information. / Ce document n'est valide que pour l'information contenue dans la partie A. Il n'est valide pour aucune autre information.

Signature
Date / Mois / Année

C Receiver / consignee Réceptionnaire / destinataire

Registration No. / Provincial ID No.
N° d'immatriculation - Cdu provincial

Company name / Nom de l'entreprise

Mailing address / Adresse postale

City / Ville

Province

Postal code / Code postal

Signature
Date / Mois / Année

1. Goods / Marchandises

Pro-code
Code pro

Shipping name
Nom de marchandise

Quantity / Quantité

Unit / Unité

Weight / Poids

Volume / Volume

Temperature / Température

Special handling / Manutention spéciale

Signature
Date / Mois / Année

Pro-code
Code pro

Shipping name
Nom de marchandise

Quantity / Quantité

Unit / Unité

Weight / Poids

Volume / Volume

Temperature / Température

Special handling / Manutention spéciale

Signature
Date / Mois / Année

2. Generator / consignee Producteur / expéditeur

Registration No. / Provincial ID No.
N° d'immatriculation - Cdu provincial

Company name / Nom de l'entreprise

Mailing address / Adresse postale

City / Ville

Province

Postal code / Code postal

Signature
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Line	Prov. Code	Shipping Name	Class	UN	P.G	Quant. Shipped (kg)	Packaging			Phys. State
							Mary-River	Millie Inlet	Total	Type
	A01	WASTE OIL	N/R	-	-	34,000	14	20	34	07
	A01	WASTE OIL	N/R	-	-	400	1		1	01
	M07	FIRE EXTINGUISHERS (uncharged)	2.2	1044	-	400	1		1	05
	E15	BATTERIES, WET, FILLED WITH ACID	B	2794	III	1,500	2	1	3	05
	E15	BATTERIES, WET, FILLED WITH ACID	B	2794	III	350		1	1	01
	O02	COATED WIRE	N/R	-	-	350	1		1	05
	O02	ELECTRICAL WASTE	N/R	-	-	500	1	1	2	05
	L02	CONTAMINATED OILY SOLID	N/R	-	-	3,600	15	9	24	05
	L02	CONTAMINATED OILY SOLID	N/R	-	-	600	2	2	4	01
	B05	OWS FILTER / NANOFILTER	N/R	-	-	16,000	6	10	16	05
	B05	OWS WASTE ACTIVATED CARBON	N/R	-	-	26,000	16	10	26	05
	B05	OWS WASTE ACTIVATED CARBON	N/R	-	-	3,000		12	12	01
	B05	OWS WASTE USED CLAY	N/R	-	-	2,500		10	10	01
	L03	OWS WASTE WATER	N/R	-	-	250		1	1	05
	O02	WASTE INSULATION	N/R	-	-	250	1		1	05
	B04	WASTE FLAMMABLE LIQUID	3	1993	III	250	1		1	05
	B04	WASTE FLAMMABLE LIQUID	3	1993	III	3,600	9	1	10	01 (OS)
	B04	WASTE FLAMMABLE LIQUID	3	1993	III	3,250	5	8	13	01 (DR)
	L02	AEROSOLS, FLAMMABLE, N.O.S.	2.1	1950	-	1,250	3	2	5	01 (OS)
	L02	AEROSOLS, FLAMMABLE, N.O.S.	2.1	1950	-	200	1		1	01 (DR)
	D01	WASTE GLYCOL	N/R	-	-	1,500	5		5	01 (OS)
	D01	WASTE GLYCOL	N/R	-	-	250		1	1	01 (DR)
	A05	OIL FILTER	N/R	-	-	2,800	3	4	7	01
	O02	HUMAN WASTE	N/R	-	-	1,500	1	2	3	01 (OS)
	O02	HUMAN WASTE	N/R	-	-	1,050	3		3	01 (DR)
	A04	KITCHEN GREASE	N/R	-	-	8,000	10	6	16	05
	A04	KITCHEN GREASE	N/R	-	-	500		2	2	01
	M07	OXYGEN, COMPRESSED	2.2 (5.1)	1072	-	1,045	18	5	23	07
	M07	NITROGEN, COMPRESSED	2.2	1066	-	45	1		1	06
	L02	HYDROCARBON CONTAMINATED SOLID (MARINE CONT.)	N/R	-	-	57,500	0	5	5	07
	O02	CRUSHED DRUMS (MARINE CONTAINER)	N/R	-	-	8,000	0	4	4	07
	O02	CRUSHED DRUMS (PALETT)	N/R	-	-	10,400	0	26	26	07

Note : PACKAGING TYPE : 01 drum; 02 tank; 03 bulk; 04 carton; 05 bag; 06 roll-off or lugger; 07 other

Prepared by : Benoit Dion, BIM (via QE)

Date : Montreal,



Calcium Chloride Salt Bag Inventory at Mary River Camp

Completed on: July 12/2012

	20kg Bags	22.7kg Bags	25kg Bags	
Number of 48 Bag Pallets	1,248	0	336	
Number of 56 Bag Pallets	8,904	728	0	
Number of Loose Bags	3,544	103	708	
Total Number of Bags	13,696	831	1,044	
Total Salt kg	273,920	18,864	26,100	318,884
				319

Milne Inlet Inventory

	Pallet Count	Count of 20kg Bags	
Number of 40 Bag Pallets	1,411	56,440	
Number of 56 Bag Pallets			
Number of Loose Bags			
Total Number of Bags		56,440	
Total Salt kg		1,128,800	1,128,800
			1,129

Total Project Inventory **1,447,684**

kg
tn

kg
tn

kg

Month	Ore Mined (wmt)	Waste Mined (wmt)	Total Mined (wmt)	Drill pattern	BCM/hole	wmt/hole (ore)	wmt/hole (waste)	# Holes	Factor (10%)	Total Holes	Boosters	Ez Dets	kg emulsion/hole	kg emulsion	% AN	kg AN	kg pkg Emulsion
January	0	250,000	250,000	2.5 x 2.9	36	163	102	2,463	246	2,709	2,709	2,709	30.6	82,895.0			82,895
February	0	250,000	250,000	3.3 x 3.8	63	282	176	1,424	142	1,566	1,566	1,566	37.8	59,195.0	77%	45,535	
March	0	250,000	250,000	3.3 x 3.8	63	282	176	1,424	142	1,566	1,566	1,566	37.8	59,195.0	77%	47,356	
April	0	250,000	250,000	3.3 x 3.8	63	282	176	1,424	142	1,566	1,566	1,566	37.8	59,195.0	77%	47,356	
May	0	250,000	250,000	3.3 x 3.8	63	282	176	1,424	142	1,566	1,566	1,566	37.8	59,195.0	77%	47,356	
June	0	250,000	250,000	3.3 x 3.8	63	282	176	1,424	142	1,566	1,566	1,566	37.8	59,195.0	77%	47,356	
July	0	250,000	250,000	3.3 x 3.8	63	282	176	1,424	142	1,566	1,566	1,566	37.8	59,195.0	77%	47,356	
August	0	250,000	250,000	3.3 x 3.8	63	282	176	1,424	142	1,566	1,566	1,566	37.8	59,195.0	77%	47,356	
September	0	250,000	250,000	3.3 x 3.8	63	282	176	1,424	142	1,566	1,566	1,566	37.8	59,195.0	77%	47,356	
October	252,000	120,000	372,000	3.3 x 3.8	63	282	176	1,577	158	1,735	1,735	1,735	37.8	65,583.0	77%	47,356	
November	243,000	125,000	368,000	3.3 x 3.8	63	282	176	1,573	157	1,730	1,730	1,730	37.8	65,394.0	77%	47,356	
December	252,000	125,000	377,000	3.3 x 3.8	63	282	176	1,605	161	1,766	1,766	1,766	37.8	66,755.0	77%	47,356	
Total	747,000	2,620,000	3,367,000					18,610	1,858	20,468	20,468	20,468				519,095	82,895

Product	Units	Quantity
Boosters	#	20,468
Ez Dets	#	20,468
Package		
Emulsion	kg	82,895
AN	kg	519,095

* Current schedule projects the emulsion plant to be completed by January 31. It is assumed that from February 1 through to the end of the year bulk emulsion will be used. Prior to February 1, 2014 packaged emulsion will be used.

RECLAIM Unit Cost Table

for additional construction cost data check the associations below, or use the Estimator Worksheet

ITEM	Detail	COST CODE	UNITS	LOW \$	HIGH \$	SPECIFIED \$	
excavate Rock, Bulk							COMMENTS
	drill, blast, load short haul (<500m) Dump	RB1	m3	10.10	15.12	#N/A	quarry operations for bulk fill
	RB1 + long haul, up to 1500 m	RB2	m3	10.69	15.77	#N/A	
	RB1 + spread and compact	RB3	m3	10.69	15.77	#N/A	
	RB1 + long haul + spread and compact	RB4	m3	11.29	27.27	#N/A	
	RB1 + Specified activity	RBS	m3	#N/A	#N/A	#N/A	
excavate Rock, Controlled							
	drill, blast, load short haul (<500m) Dump	RC1	m3	25.00	35.64	#N/A	low - foundation excavation, high - spillway excavation
	RC1 + long haul, up to 1500 m	RC2	m3	11.29	16.31	#N/A	
	RC1 + spread and compact	RC3	m3	10.69	15.77	#N/A	
	RC1 + long haul + spread and compact	RC4	m3	11.99	16.99	#N/A	
	RC1 + Specified activity	RCS	m3	#N/A	#N/A	156.60	\$145/M3-drift excavation
excavate Soil, Bulk							\$145/M3-drift excavation
	clear & grub excavate, load short haul (<500m) dump	SBC	m2	3.00			LOW cost: excavation of loose soil, high volume LOW cost: excavation of loose soil, 1.5 km haul, high volume
	SB1 + long haul, up to 1500 m	SB2	m3	4.30	6.45	#N/A	
	SB1 + spread and compact	SB3	m3	4.00	5.73	#N/A	
	SB1 + long haul + spread and compact	SB4	m3	4.86	9.67	#N/A	LOW cost: excavation of loose soil, 1.5 km haul, high volume, const. of simple soil cover
	SB1 + Specified activity	SBS	m3	2.49	6.89	11.83	LOW cost: rehandle waste rock dump into pit, >500,000 m3, 2 km haul SPECIFIED cost: rehandle waste rock, haul 3 km, place & compact on dam LOW cost: doze frost heaves HIGH cost: contour - wet or frozen, Specialized -haul/place wet infill
	other			0.00	0.00	0.00	
	Soil, tailings	SBT	m3	1.20	3.27	14.00	
excavate Soil, Controlled							
	excavate, load short haul (<500 m), dump	SC1	m3	6.06	8.26	#N/A	HIGH cost: for simple soil covers HIGH cost: for complex covers & dam construction, spillway repair, LOW volume SPECIFIED cost: backfill adit with waste rock, High - sand bedding layer for liners
	SC1 + long haul, up to 1500 m	SC2	m3	7.51	10.41	#N/A	
	SC1 + spread and compact	SC3	m3	6.06	12.59	#N/A	
	SC1 + long haul + spread and compact	SC4	m3	6.80	20.57	#N/A	
	SC1 + Specified activity	SCS	m3	#N/A	22.00	17.01	
Geo-synthetics							
	geotextile, filter cloth	GST	M2	1.07	3.00	#N/A	high - FOB Yellowknife
	geogrid	GSG	M2	5.11	0.00	#N/A	
	liner, HDPE	GSHDPE	M2	6.36	0.00	#N/A	
	liner, ES3	GSES3	m2	17.90			low, FOB Yellowknife
	liner, PVC	GSPVC	M2	0.00	0.00	#N/A	

RECLAIM Unit Cost Table

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geosynthetic installation	GSI	m2	0.90	12.50	#N/A	low, geotextile, high - ES3 or HDPE
bentonite soil ammendment	GSBA	tonne	273.24	308.88	#N/A	FOB Edmonton, add shipping & mixing
Shaft, Raise & Portal Closures						LOW cost: pre-cast concrete slabs, little site prep. HIGH cost: for hand construction, HIGH cost: for excavate & backfill collapsed portal
Shaft & Raises	SR	m2	572	1,890	#N/A	
Portals	POR	m3	0	221	1,080.00	
Concrete work						
Small pour, no forms	CS	m3	321	643	#N/A	
Large pour, no forms	CL	m3	254	378	#N/A	
Small pour, Formed	CSF	m3	378	1,890	#N/A	
Large pour, Formed	CLF	m3	313	443	#N/A	
Vegetation						
Hydroseed, Flat	VHF	ha	1,723	5,346	#N/A	
Hydroseed, Sloped	VHS	ha	1,996	5,999	#N/A	
veg. Blanket/erosion mat	VB	ha	11,880	14,256	10,000.00	
Tree planting	VT	ha	11,880	14,256	#N/A	
Wetland species	VW	ha	59,400	89,100	#N/A	
Pumps						
Small, <	PS	each	3,240	6,480	#N/A	
Large, >	PL	each	5,400	108,000	#N/A	large - 250 hp Gould w/diesel motor
PiPes						
Small, < 6 inch diameter	PPS	m	0.54	5.40	#N/A	LOW cost: pipe removal, HIGH cost: supply new pipe
Large, > 6 inch diameter	PPL	m	1.08	194.40	#N/A	LOW cost: pipe removal, HIGH cost: supply 24" 100 psi HDPE pipe, FOB
						add shipping & installation
pump sand BackFill	BF	m3	5.94	17.82	#N/A	
Fence	F	m	12.00	17.82	#N/A	
Signs	S	each	11.88	35.64	#N/A	
rock, Drill and Blast only	DB	m3	11.88	23.76	#N/A	
excavate Rip Rap						
drill, blast, load short haul (<500 m) dump and spread	RR1	m3	11.83	17.66	#N/A	
RR1 + long haul	RR2	m3	11.99	18.31	#N/A	HIGH cost: quarry & place rip rap in channel LOW cost: removal of 18 in minus from dump, long haul and spread
excavate rock from waste dump, short haul, spread	RR3	m3	4.54	6.24	#N/A	
RR3 + long haul	RR4	m3	5.05	6.75	#N/A	
specified rip rap source	RR5	m3	#N/A	#N/A	#N/A	
Import LimeStone	ILS	tonne	9.50	14.26	#N/A	

RECLAIM Unit Cost Table

for additional construction cost data check the associations below, or use the Estimator Worksheet

Import LiMe	ILM	tonne	180.00	535.00	#N/A	LOW cost: bulk shipping, high volume, FOB Vancouver/Edmonton HIGH cost: bags delivered to central Yukon, small volume
Grouting	G	m3	213.84	259.20	#N/A	HIGH cost: cement, FOB Yellowknife
Dozing						
doze Rock piles	DR	m3	0.92	2.11	#N/A	LOW cost: doze crest off dump
doze overburden/Soil piles	DS	m3	0.84	3.36	#N/A	HIGH cost: push up to 300 m
		each	0.00	0.00	#N/A	
		each	0.00	0.00	#N/A	
Buildings - Decontaminate						
Chemicals	BDC	m3	#N/A	#N/A	#N/A	
Asbestos	BDA	m2	22.68	45.36	#N/A	LOW cost: removal of asbestos siding & flooring HIGH cost: removal of
			0.00	0.00	0.00	
Buildings - Remove						
areas are per floor on 3 m average height			0.00	0.00	0.00	LOW cost: removal and on-site disposal - small wooden structures includes removal of material to landfill or off site if uncontaminated includes disposal in contaminated waste dump
Mine building or camp	BR	m2			100.00	
Contaminated bld	BRCd	m2			200.00	
Wood - teardown	BRW1	m2	23.22	35.64	#N/A	
Wood - burn	BRW2	m2	5.94	11.88	#N/A	
Masonry	BRM	m2	25.54	35.64	#N/A	
Concrete	BRC	m2	35.64	53.46	26.73	Specified= piling foundation price is half the price of concrete foundation SPECIFIED cost: demolition shear \$/hour operating
Steel - teardown	BRS1	m2	38.02	57.02	259.20	
Steel - salvage	BRS2	m2	59.40	89.10	#N/A	
Power & Pipe Lines						
Power lines, remove	POWR	each	22.57	4,989.60	20,000.00	Specified: power line: price/km
			0.00	0.00	#N/A	
Laboratory Chemicals						
Remove from site	LCR	pallet	1,890.00	2,505.60	#N/A	
Dispose on site	LCD	each	#N/A	#N/A	#N/A	
PCB - Remove from site	PCBR	litre	35.64	41.58	#N/A	LOW cost: shipping, handling & disposal from Yellowknife
			0.00	0.00	0.00	
Fuel						
Remove from site	FR	kg	0.00	1.10	#N/A	
Burn on site	FB	kg	#N/A	#N/A	#N/A	
Oil						
Remove from site	OR	litre	0.38	1.10	#N/A	

RECLAIM Unit Cost Table

for additional construcion cost data check the associations below, or use the Estimator Worksheet

Burn on site	OB	litre	0.38	0.59	#N/A
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Process Chemicals

Remove from site	PCR	kg	0.38	2.21	#N/A
Dispose on site	PCD	kg	#N/A	#N/A	#N/A

Explosives

Remove from site	ER	kg	0.00	2.38	#N/A
Dispose on site	ED	kg	#N/A	#N/A	#N/A

Contaminated Soils

Remediate on site	CSR	m3	41.58	129.60	#N/A
consolidate & cover	Use cost code items 1 - 4		0.00	0.00	0.00
cover in place	Use cost code items 1 - 4		0.00	0.00	0.00
Test, remove & replace contaminated soil	rems	m2			100.00

LOW cost: bio-remediate on-site. HIGH cost: ship off-site to landfill as haz. waste

Mobilize Heavy Equipment

Road access	MHER	\$/km	3.03	9.09	2.21
Air access	MHEA	each	#N/A	#N/A	1,485.00

SPECIFIED cost: \$/tonne/km in cargo plane
SPECIFIED cost: helicopter cost, \$/hr of operation

Mobilize Camp

<20 persons Road access	MC<R	each	#N/A	#N/A	#N/A
<20 persons Air access	MC<A	each	#N/A	#N/A	#N/A

Mobilize Workers

mobilize	MM<	person	208.44	1,069.20	1,664.00
>20 persons	MM>	person	1,069.20	1,425.60	#N/A

Specified; round trip Ottawa to Iqaluit

ACCoModation	ACCM	month	1,426	2,138	#N/A
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LOW cost, accom in existing camp, per man,
HIGH cost: - supply new camp
LOW cost: winter road - limited use, LOW snowfall

Mobilize Misc. Supplies	MMS	each	#N/A	#N/A	#N/A
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Winter Road	WR	km	1,426	2,830	1,853.00
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Speicalized winter road to 40,000 kg capacity

Visual site Inspection	VI	each	3,802	7,668	6,400.00
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From 2011 AR Plan
and site inspection report, spread from year 2 to 6, from 2011 AR Plan

Survey site Inspection	SI	each	#N/A	#N/A	16,666.67
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Water Sampling	WS	each	5,940	9,720	200.00
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From 2011 AR Plan - for surface, UG & DS
and site inspection report, spread from year 2 to 6, from 2011 AR Plan

site inspection RePorT	RPT	each	#N/A	11,880	#N/A
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Security Guard	SG	pers/mon	5,940	8,316	#N/A
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Maintain Pumping	MP	month	3,564	#N/A	#N/A
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Clear SpillWay	CSW	each	2,020	5,702	#N/A
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Build Treatment Plant

Small (< 1000 m3/d)	BTPS	lump sum	1,080,000	2,160,000	#N/A
Large (> 1000 m3/d)	BTPL	lump sum	2,160,000	3,780,000	#N/A

RECLAIM Unit Cost Table

for additional construcion cost data check the associations below, or use the Estimator Worksheet

Operate Treatment Plant	OTP	m3	0.31	1.78	#N/A
SCariFY road and	SCFY	km	3,807	5,346	10,000.00
install water breaks			0.00	0.00	0.00
contour & restore natural drainage	rest				5,000.00
Water Treatment Chemicals					
ferric sulphate	ferric	kg	0.72	0.00	0.00
ferrous sulphate	ferrous	kg	0.48	0.00	0.00
lime	lime	kg	0.32	0.00	0.00
hydrogen peroxide, 50%	hperox	kg	1.54	0.00	0.00
Sodium Metabisulfate	Nametab	kg	1.07	0.00	0.00
Caustic soda, 50%	caustic	kg	0.67	0.00	0.00
Sulfuric acid, 93%	sulfuric	kg	0.28	0.00	0.00
flocculant	flocc	kg	5.82	0.00	0.00
copper sulphate	copper	kg	0.00	0.00	0.00
typical shipping, to Whitehorse or Yellowknife		kg	0.08	0.00	0.00
			0.00	0.00	0.00
Typical Labour & Equipment Rates					
Site manager/Supervisor	Sman	\$/hr	75.60	86.40	155.13
Mine superintendent (cont)	super	\$/hr	56.00	64.80	186.88
Environmental coordinator	env-co	\$/hr			100.00
Certified Diesel Mechanic	mech	\$/hr			79.73
Equipment operator	oper	\$/hr	48.60	59.40	124.50
labour - skilled	lab-s	\$/hr	37.80	41.04	54.88
Warehouse man	war	\$/hr			64.46
Engineering& Science support	eng	\$/hr			100.00
Admin.	admin	\$/hr	45.36	52.92	65.33
Cook	cook		0.00	0.00	77.63
Cat 266 loader	loader	\$/hr			115.00
Cat 980H loader	loadh	\$/hr			165.00
Cat 930G loader	loadg	\$/hr			68.00
Cat D8T Dozer	dozert	\$/hr			176.00
Cat D7 Dozer	dozer	\$/hr			149.00
Cat 14H Grader	grader	\$/hr			110
Cat 345 Excavator	scoop	\$/hr			217
flat bed truck with hiab	hiab	\$/hr	131		
Kenwoth Truck (W/O pup)	kenw	\$/hr			111
Kenwoth Truck (C/O pup)	kenc	\$/hr			138
Bobcat	bob	\$/hr			66
Blended Rd work Equipmt Rate	blend	\$/hr			138
Kenwoth with fuel tanker	kenf	\$/hr			129
helicopter	hel	\$/hr			1590

specified - water treatment plant operator

low - 988 loader, high - 992 loader
low - fuel not includedfuel & oper. Incl.
fuel & oper. Incl.

fuel & oper NOT included

Project Specific Unit Rates															
Reclamation Activities	Labour				Equipment				Fuel				Total cost/unit	Functional Unit	
	Units	# Units	Unit Rate	Cost	Units	# Units	Unit Rate	Cost	Units	# Units	Unit Rate	Cost			
															Basis for 2014 Estimate
Grade and contour area to natural drainage	Person Day	12	\$971	\$11,647	Hours	72	\$154	\$11,066	Liter	2880	\$1.25	\$3,600	\$26,313	\$/Ha	Assume 12hrs/day/person at blended labour rate. Assume 12 person days to complete task. Assume 72 hrs of grader/dozer work at blended equipment rate. Assume 40 L/hr fuel consumption for equipment. Assume \$1.25/L fuel cost. Estimate based on historical productivity.
Remove Culverts	Person Day	1	\$971	\$971	Hours	4	\$154	\$615	Liter	160	\$1.25	\$200	\$1,785	\$/culvert	Assume 12hrs/day/person at blended labour rate. Assume 1.0 person days to remove culvert. Assume 4 hrs of heavy equipment work at blended equipment rate to backfill/restore natural contours. Assume 40 L/hr fuel consumption for equipment. Assume \$1.25/L fuel cost. Estimate based on historical productivity.
Remove Mooring Buoys	Person Day	4	\$971	\$3,882	Hours	24	\$154	\$3,689	Liter	960	\$1.25	\$1,200	\$8,771	\$/mooring buoy	Assume 12hrs/day/person at blended labour rate. Assume 4.0 person days to of labour to remove main lines and floats to complete task. Assume 24 hrs of equipment work at blended equipment rate. Assume 40 L/hr fuel consumption for equipment. Assume \$1.25/L fuel cost. Estimate based on historical productivity.
Decontaminate and dispose of 'typical' mechanical equipment	Person Day	0.25	\$971	\$243	Hours	2	\$154	\$307	Liter	80	\$1.25	\$100	\$650	\$/pcs	Assume 12hrs/day/person at blended labour rate. Assume 2 hours for a person to prepare 'typical' equipment for final disposal (remove hazardous materials/fluids, prepare for safe disposal). Assume 1 hour to move equipment locally to final disposal location and apply cover. Assume 2 hours of equipment work at blended equipment rate to prepare 'typical' equipment for final disposal, positions appropriately and apply cover. Assume 40 L/hr fuel consumption for equipment. Assume \$1.25/L fuel cost. Estimate based on historical productivity.

SCHEDULE 2**REVISED JANUARY, 2013 NUNA LABOUR – HOURLY CHARGE-OUT RATES EFFECTIVE JANUARY 1, 2013
BAFFINLAND IRON MINES CORPORATION, MARY RIVER PROJECT**

Supervision & Administration	Hourly Rate
Senior Project Manager	\$137.24
Project Manager	\$118.84
Assistant Project Manager	\$109.01
Senior Superintendent	\$134.38
Superintendent	\$109.44
Engineer	\$90.65
Foreman	\$90.89
Safety Superintendent	\$98.58
Safety Supervisor	\$87.87
Training Superintendent	\$90.65
Trainer	\$81.84
Maintenance Planner	\$80.93
Mechanical Foreman	\$87.42
Technician	\$73.13
Nurse/EMT	\$67.84
Administrator	\$70.94
Warehouse	\$68.39

Earthworks	Hourly Rate
Shovel or Senior Operator	\$75.40
Excavator Operator	\$69.00
Crane Operator	\$85.33
Loader Operator (988+)	\$72.99
Loader Operator (<988)	\$69.00
Dozer Operator (<D8)	\$69.00
Grader Operator	\$69.00
Finish Operator (Grader, Dozer, Excavator)	\$71.89
Operator (multi-purpose)	\$71.10
Rock Trucks (<789)	\$63.17
Trucks - All Others	\$63.17
Plant Operator (crushing, asphalt)	\$73.32
Crusher Labour (bobcat, hammer)	\$60.69
Labour (skilled) (packer, bobcat, training in shop)	\$60.69
Labour (entry level)	\$53.81

SCHEDULE 2**REVISED JANUARY, 2013 NUNA LABOUR – HOURLY CHARGE-OUT RATES EFFECTIVE JANUARY 1, 2013
BAFFINLAND IRON MINES CORPORATION, MARY RIVER PROJECT**

Maintenance	Hourly Rate
Mechanic	\$ N/C
Millwright	\$84.59
Crusher Mechanic	\$79.24
Welder	\$ N/C
Carpenter	\$75.47
Electrician	\$83.99
Serviceman (fuel & lube)	\$71.60
Camp Serviceman	\$64.03
Tireman	\$69.71

Note: N/C - No Charge - Included in Equipment Rate.

Owner/Third Party	
Mechanic	\$103.37
Welder	\$97.50

SCHEDULE 2**REVISED JANUARY, 2013 NUNA LABOUR – HOURLY CHARGE-OUT RATES EFFECTIVE JANUARY 1, 2013
BAFFINLAND IRON MINES CORPORATION, MARY RIVER PROJECT**

Haul Trucks	Hourly Rate
Kenworth Gravel Truck (c/w pup)	\$145.89
Freightliner Gravel truck (c/w pup)	\$145.89
Kenworth Gravel Truck (w/o pup)	\$117.62
Freightliner Gravel truck (w/o pup)	\$117.62
Kenworth with Fuel Tanker	\$145.89
Cat 773D Truck	\$192.27
 Loaders	
Cat 980H	\$175.30
Cat 966	\$122.14
Cat 988	\$236.37
Cat 930G	\$72.39
 Dozers	
Cat D8T	\$186.61
Cat D6	\$124.41
Cat D7	\$158.34
 Graders	
Cat 14H	\$126.67
Cat 16H	\$151.55
 Excavators	
Cat 345	\$230.71
 Mobile Equipment	
Ford Mechanic Truck F550	\$58.81
Fuel Tanker	\$29.41
Kenworth Lube/ Fuel Truck	\$106.31
Sterling Roll-off/Vacuum Truck	\$110.83
Cat Packer	\$87.09
Wobbly Wheel Packer	\$87.09
Clemro Crusher	\$865.20
Water Truck	\$76.90
Kenworth Gravel Truck c/w Sanding Unit Insert	\$145.89
Winch Truck and Scissor Deck	\$145.89
Bobcat	\$70.13
Single-Axle Fuel Truck	\$70.13

SCHEDULE 2**REVISED JANUARY, 2013 NUNA LABOUR – HOURLY CHARGE-OUT RATES EFFECTIVE JANUARY 1, 2013
BAFFINLAND IRON MINES CORPORATION, MARY RIVER PROJECT**

Support Equipment	Monthly Rate	
Shanco Baffinland Camp	\$109,551.64	
Pick-up Truck	\$3,511.67	
Freightliner Bus	\$4,448.11	
Hot Box - Maxi Heater, 8kW	\$3,745.78	
OHV 350 Frostfighter	\$322.33	
Light Tower, 8 kW	\$1,697.59	
Small Portable Lights (L100 and L101)	\$292.93	Each
Lincoln Welder 300D	\$585.84	
Grove 60 Ton Crane	\$13,034.46	+ \$182.26/hour
Ambulance Insert and Pick Up	\$4,295.44	
Camp Genset	\$19,899.46	
Job Shacks with Genset	\$2,341.11	
Shop and Lube Rack	\$1,940.75	Does not include portable lights, heater or lube racks
Shop at Mary River	\$1,357.17	Does not include portable lights, heater or lube racks
Mobile Welding Trainer (W041)	\$3,161.07	
Communication & Handhelds System	\$28,274.31	