1	Building / Equip Name:		Bldg / Ed	quip #:	1				
	ACTIVITY/MATERIAL	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
Α.	OBJECTIVE: DISPOSE MOBILE EQUIPMENT (Decontaminate and s Demobilize mobile equipment to Milne Inlet - 100km by road	ship to Milne I \$/km/60pc	nlet) 6000	MHERI	2.81	\$16,860	100%	\$16,860	\$0
В	OBJECTIVE: DISPOSE STATIONARY EQUIPMENT (Decontaminate	and ship to M	filne Inlet)						
	Demobilize stationary equipment to Milne Inlet - 100km by road - drills, generators, sewage treatment plant, etc.	\$/km/15pc	1500	MHERI	2.81	\$4,215	100%	\$4,215	\$0
С	OBJECTIVE: DISPOSE ORE CONCENTRATION EQUIPMENT (Deco	ontaminate an	d ship to Miln	ie Inlet)					
•	etc	\$/km/11pc	1100	MHERI	2.81	\$3,091	100%	\$3,091	\$0
D	OBJECTIVE: DISPOSE WATER TREATMENT EQUIPMENT (Decont				0.04	# 560	1000/	0 560	60
	Remove tanks Remove plumbing	\$/km/2 pcs m	200 1000	MHERI PPSI	2.81 0.5	\$562 \$500	100% 100%	\$562 \$500	\$0 \$0
E	OBJECTIVE: DECONTAMINATE BUILDINGS & TANKS (and ship to			70.17.1	##**		1000/	A C 000	
*	Demolish maintenance garage and dispose in landfill. Camp (Mary River Camp, Milne Inlet, Mid-way and temp. drill camps) Drain, fold, and containerize Mary River and Milne Inlet bulk fuel	,	4 60	#N/A #N/A	500 500	\$2,000 \$30,000	100% 100%	\$2,000 \$30,000	\$0 \$0
×	bladders and truck containers of tanks (3 containers) from Mary River to Milne Inlet	L.S.	1	#N/A	41,000	\$41,000	100%	\$41,000	\$0
740	Remove geomembrane liner offsite	m3	1000	SB2h	5.97	\$5,970	100%	\$5,970	\$0
•	Transport geomembrane liner to Milne Inlet	m3	1000 4	CSRI #N/A	38.5	\$38,500	100% 100%	\$38,500	\$0 \$0
*	Decontaminate buried concrete sewage system tank in A-Lot	person-days	4	#IN/A	500	\$2,000	100%	\$2,000	Φ0
F	OBJECTIVE: MOTHBALL BUILDINGS No buildings (mothball) will remain								
*	Airstrips will remain (inspect and repair any erosion)	m3	5000	DSI	0.78	\$3,900	100%	\$3,900	\$0
G	OBJECTIVE: REMOVE BUILDINGS (to Milne Inlet)	220	5000	DDWAL	04.5	\$107.500	4000/	\$407.500	40
(4)	Mary River - seasonal camp Mary River - all weather camp - including treatment plant, airstrip lighti	m2 m2	5000 5000	BRW1I BRW1I	21.5 21.5	\$107,500 \$107,500	100% 100%	\$107,500 \$107,500	\$0 \$0
*	4 wooden buildings at Mary River (< 200 ft ² each)	m2	80	BRW2I	5.5	\$440	100%	\$440	\$0
	NUNA Logistics Milne Inlet camp	m2	1000	BRW1I	21.5	\$21,500	100%	\$21,500	\$0
	Mid-way camp	m2	100	BRW1I	21.5	\$2,150	100%	\$2,150	\$0
*	Temporary drill camps (helicopter support included in mobilization cos Remove boneyard waste to landfill	m2 m3	500 1000	BRW1I SB1h	21.5 4.85	\$10,750 \$4,850	100% 100%	\$10,750 \$4,850	\$0 \$0
	Truck 100 containers to Milne Inlet - includes camp items, comm.	\$/km/100 pcs		MHERI	2.81	\$28,100	100%	\$28,100	\$0
	Towns, one, see	within 100 pec	10000	WII ILIXI	2.01	φ20,100	10070	Ψ20,100	ΨΟ
н	OBJECTIVE: BREAK BASEMENT SLABS No concrete slabs are present. The camp structures are founded or	n wooden floo	r systems.						
1	OBJECTIVE: REMOVE BURIED TANKS								
	Demolish buried concrete sewage system tank in A-Lot	m3	500	RB1I	9.35	\$4,675	100%	\$4,675	\$0
•	Remove demolish buried concrete sewage system tank in A-Lot to lan	m3	500	SB1h	4.85	\$2,425	100%	\$2,425	\$0
J	OBJECTIVE: LANDFILL FOR DEMOLITION WASTE								
*	Placement of waste materials into landfill	m3	1000	SB1h	4.85	\$4,850	100%	\$4,850	\$0
*	Apply cover over landfill	m3	1000	SB4h	8.95	\$8,950	100%	\$8,950	\$0
K	OBJECTIVE: GRADE AND CONTOUR	VI 🗢	40000	200		004 100	10001	004 100	00
×	Recontour camp site areas as required (using dozer)	m3	10000	DSh	3.11	\$31,100	100%	\$31,100	\$0

1	Building / Equip Name:		Bldg / Ed	quip #:	1				
	ACTIVITY/MATERIAL	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
L	OBJECTIVE: RECLAIM ROADS Remove 10 navigatable water crossings - 30 days x crew of 6 Excavate, load and haul to landfill Additional cost to haul sea containters, culverts, etc 60km to landfill • There was an existing to	person-days m3 \$/load/km	180 1702 4440	#N/A SB1I MHERI	500 3.2 2.81	\$90,000 \$5,446 \$12,476	0% 0% 0%	\$0 \$0 \$0	\$90,000 \$5,446 \$12,476
K	SPECIALIZED ITEMS								
	Subtotal					\$591,311 Total Buildings	81.7% Percent Land	\$483,388 Total Land	\$107,923 Total Water

1 Chemicals and Soil Contamination: Camps and Operations 1

ACTIVITY/MATERIAL	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
Note: The procedures, equipment and packaging for contaminated soils are highly dependent on the nature of containment. Government guidelines should be consulted made here should be considered very rough unless specified.	the chemical d on an individ	s and thei dual chemi	r existing ical basis	state o				
A LABORATORY CHEMICALS Miscellaneous	pallet	1	LCRh	2320	\$2,320	100%	\$2,320	\$0
B PCB, hauling No PCB's								
FUEL								
Any excess fuel at Mary River will be burned. Management will ensure excess fuel will be kept to a minimum.	litre	5000	OBh	0.55	\$2,750	100%	\$2,750	\$0
WASTE OIL								
Oils/lubricants - transported to Milne Inlet	litre	6000	ORI	0.35	\$2,100	100%	\$2,100	\$0
PROCESS OR TREATMENT CHEMICALS None								
EXPLOSIVES	A 11 - 140	1000	MURRU	0.40	040 470	1000/	#40.470	* 0
Transport explosives magazines to Milne Inlet	\$/km/16 pcs	1600	MHERH	8.42	\$13,472	100%	\$13,472	\$0
CONTAMINATED SOILS							*	
Excavate contaminated materials	m3 m3	1000 1000	SB1h CSRI	4.85 38.5	\$4,850 \$38,500	100% 100%	\$4,850 \$38,500	\$0 \$0
Transport contaminated materials to Milne Inlet Backfill excavation	m3	1000	SB1h	4.85	\$4,850	100%	\$4,850	\$0
Haz. Mat. testing & assessment								
Technician and analyses	L.S.	1	#N/A	50000	\$50,000	100%	\$50,000	\$0
OTHER								
Haz. Mat. waste disposal fee	L.S.	11	#N/A	50000	\$50,000	100%	\$50,000	\$0
Subtotal					\$168,842	100.0%	\$168,842	\$0
					Total	Percent	Total	Total
					Chemical	Land	Land	Wate

1 Water Management Project: Bulk Sample Prograoject # 1

ACTIVITY/MATERIAL	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
OBJECTIVE: STABILIZE EMBANKMENT No embankment		п				1		
OBJECTIVE: UPGRADE SPILLWAY No spillway								
C OBJECTIVE: STABILIZE SEDIMENT CONTAINMENT PONDS Regrade two sediment containment ponds with dozer	m3	1000	DSI	0.78	\$780	0%	\$0	\$780
O OBJECTIVE: BREACH EMBANKMENT • No embankment								
OBJECTIVE: STABILIZE DITCHES No ditches						,		
OBJECTIVE: BREACH DITCHES • No ditches								
G OBJECTIVE: REMOVE PIPELINES • Remove pipes - Included in Activity E of Bldgs & Equip worksheet								
OBJECTIVE: REMOVE STORAGE TANKS Remove tanks & plumbing - Included in Activity D of Bldgs & Equip was	orksheet							
OBJECTIVE: COLLECT DRAINAGE FOR TREATMENT No ongoing treatment required								
OBJECTIVE: TREAT DRAINAGE (see "ONGOING TREATMENT" for o • No treatment plant necessary	perating cos	ts)						
Subtotal					\$780	0.0%	\$0	\$780

Total

Water

Percent

Land

Total

Land

Total

Water

1 Mobilization Name: _			Mob#	1				
ACTIVITY/MATERIAL	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
A MOBILIZE HEAVY EQUIPMENT Equipment to regional centre Dedicated sealift for materials from Milne Inlet to Montreal requiring off-site salvage or disposal.	L.S.	1	#N/A	1E+06	\$1,200,000		\$0	\$1,200,000
Equipment, regional centre to site . • Sufficient equipment on site from bulk sample program for reclamation	n activities -	- NUNA/QC/BI	М					
B MOBILIZE CAMP . * Use existing camp for reclamation								
C MOBILIZE WORKERS . MOB workers	person	80	MM>I	990	\$79,200	100%	\$79,200	\$0
MOBILIZE MISC. SUPPLIES Sufficient supplies remain from bulk sample program for reclamation at Helicopter and Air Plane Support	activities month	4	#N/A	80000	\$320,000	90%	\$288,000	\$32,000
E MOBILIZE & HOUSE WORKERS person days . Operate 20-person camp for 4 months	month	80	ACCMI	1320	\$105,600	100%	\$105,600	\$0
WINTER ROAD No winter use								
F BONDING . 2.5 basis points of total bond amount	0.00025	, 1	#N/A	885.94	\$886	100%	\$886	\$0
G TAXES flump sum	L.S.	1	#N/A	20000	\$20,000	100%	\$20,000	\$0
H INSURANCE lump sum	L.S.	1	#N/A	100000	\$100,000	100%	\$100,000	\$0
Subtotal					\$1,825,686 Total Mob.	32.5% Percent Land	\$593,686 Total Land	\$1,232,000 Total Water

Monitoring & Maintenance

Mon / Mtce # 1

Cost	Unit			Lancat	
				Land	Water
y Code	Cost	Cost	% Land	Cost	Cost
VIh	30000	\$120,000	80%	\$96,000	\$24,000
WSh	9000	\$9,000	0%	\$0	\$9,000
WSh	9000	\$9,000	0%	\$0	\$9,000
RPTh	11000	\$11,000	80%	\$8,800	\$2,200
	VIh WSh WSh	VIh 30000 WSh 9000 WSh 9000	VIh 30000 \$120,000 WSh 9000 \$9,000 WSh 9000 \$9,000	VIh 30000 \$120,000 80% WSh 9000 \$9,000 0% WSh 9000 \$9,000 0%	VIh 30000 \$120,000 80% \$96,000 WSh 9000 \$9,000 0% \$0 WSh 9000 \$9,000 0% \$0

B OBJECTIVE: MAINTENANCE

No items will remain that need to be maintained post-closure. A contigency amount has been added (SEE POST CLOSURE COSTS) to mitigate any observed.
 ARD/ML during post-closure site visits.

Subtotal	\$149,000	70.3% Percent	\$104,800 Total	\$44,200 Total
	Total Pits	Land	Land	Water

1 Post-Closure Site Maintenance

			Cost	Unit			Land	Water
ACTIVITY/MATERIAL	Units	Quantity	Code	Cost	Cost	% Land	Cost	Cost

A WATER TREATMENT

• Not Applicable. On-going water treatment will not occur. Shallow pit areas will remain free draining. If visual observation or runoff water analyses suggest acid generation or metal leaching during site visits a contigency plan will be implemented (SEE BELOW).

B Cover Maintenance

• Cover material on the site is not required except for the landfill. A cover (0.6m) will be placed on the landfill with gentle slopes. Ongoing problems with erosion and integrity is not anticipated. However, the cover will be inspected every year for 5 years post closure (SEE BELOW).

C Spillway Maintenance

. . Not applicable. No spillways to maintain.

D	Other								
	Annual site visits (4 years post closure)	visit	4	VIh	7100	\$28,400	80%	\$22,720	\$5,680
*	Annual reporting (4 years post closure)	report	4	RPTh	11000	\$44,000	80%	\$35,200	\$8,800
9	Annual water sampling (20 samples; 4 years post closure)	year	1	WSh	9000	\$9,000	0%	\$0	\$9,000
w	Additional water sampling costs per year	year	1	WSh	9000	\$9,000	0%	\$0	\$9,000
	Contigency: Remediation of ARD/ML and stockpile includes quarry,								
	transport and place buffering material (local overburden). Correcting any unstable areas of the shallow pit may include additional blasting,								
	excavation or backfilling using weathered ore.	m3	30000	SB2h	5.97	\$179,100	100%	\$179,100	\$0
	-								
	Subtotal, Annual post-closure costs					\$90,400		\$57,920	\$32,480
	Discount rate for calculation of net present value of post-closure cost, %	6		3.00%				\$0	
	-							100.77	
	Number of years of post-closure activity			5	years			\$0	
						0500 400	74.004	****	64.40.740
_	Present Value of payment stream			_		\$593,106	74.9% Percent	\$444,357 Total	\$148,749 Total
						Total Post closure	Land	Land	Water
					0	Cicaure	Lanu	Land	vvator

WATER TREATMENT COSTS

ANNUAL VOLUME OF WATER (m3)

Reagent addition rates

	kg		nnual
	reagent/m3	\$/kg, FOB re	agent
Reagent	water	site co	ost
H2O2	0.1 kg/m3	1.5	\$0
lime	kg/m3	0.45	\$0
ferric sulphate	kg/m3		\$0
ferrous sulphate	kg/m3		\$0
flocculents	kg/m3		\$0
		TOTAL	\$0

Supplies and Labour							
power, kW-hr misc. supplies, hoses, tools sampling equip. equip. maintenance and parts water analysis reporting truck rental annual mileage road maintenace & snov appring electrician/mechanic and parts lant power supply Annual cost	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0						
latter in any rate 35 ruen per day for water treatment work on site, days per year spring/fall maintenance, extra work hours worked per year annual labor cost	1 0 0 0 0 \$0						
Total, labour and suppli	\$0						
TOTAL ANNUAL COSTS, reagents plus labour and supplies							
Average treatment cost, \$/m3							

Water analyses	
samples per month	10
analysis cost/sample	100
shipping	200
Total Water Sampling	1200

Site Access	
annual site access cost	
road	\$0
air	\$0
winter road	\$0