SUMMARY OF COSTS

CAPITAL COSTS	COMPONENT NAME	COST	LAND LIABILITY	WATER LIABILITY	IOL LIABILITY	CROWN LIABILITY
OPEN PIT	Mary River Mine Pit	$4,059,486	$4,059,486	$0	$3,922,229	$137,257
UNDERGROUND MINE		$0	$0	$0	$0	$0
TAILINGS FACILITY		$0	$0	$0	$0	$0
ROCK PILE	Mine Site Waste Rock Pile	$343,956	$343,956	$0	$343,956	$0
BUILDINGS AND EQUIPMENT	Mine Site	$6,473,382	$6,264,658	$208,724	$6,473,382	$0
	Milne Port	$5,511,367	$5,452,907	$58,460	$5,511,367	$0
	Tote Road	$2,357,224	$1,130,683	$1,226,541	$2,135,187	$222,037
	Project Wide/ Other	$539,255	$539,255	$0	$539,255	$0
CHEMICALS AND CONTAMINATED SOIL MANAGEMENT		$2,775,848	$2,775,848	$0	$2,724,131	$51,717
SURFACE AND GROUNDWATER MANAGEMENT		$1,563,082	-	$1,563,082	$1,533,961	$29,122
INTERIM CARE AND MAINTENANCE		$2,792,145	-	$2,792,145	$2,740,124	$52,021
	SUBTOTAL: Capital Costs	**$26,415,745**	**$20,566,793**	**$5,848,952**	**$25,923,592**	**$492,154**
	PERCENT OF SUBTOTAL		**77.9%**	**22.1%**	**98.1%**	**1.9%**

OVERALL INDIRECT COSTS		COST	LAND LIABILITY	WATER LIABILITY	IOL LIABILITY	CROWN LIABILITY
MOBILIZATION/DEMOBILIZATION		$11,216,047	$8,732,600	$2,483,448	$11,007,080	$208,967
POST-CLOSURE MONITORING AND MAINTENANCE		$1,560,000	$1,214,586	$345,414	$1,530,936	$29,064
ENGINEERING	3.9%	$1,030,214	$802,105	$228,109	$1,011,020	$19,194
PROJECT MANAGEMENT	9.4%	$2,483,080	$1,933,279	$549,801	$2,436,818	$46,262
HEALTH AND SAFETY PLANS/MONITORING & QA/QC	0%	$0	$0	$0	$0	$0
BONDING/INSURANCE	2%	$528,315	$411,336	$116,979	$518,472	$9,843
CONTINGENCY	15%	$3,962,362	$3,085,019	$877,343	$3,888,539	$73,823
MARKET PRICE FACTOR ADJUSTMENT	0%	$0	$0	$0	$0	$0
	SUBTOTAL: Overall Indirect Costs	**$20,780,018**	**$16,178,924**	**$4,601,094**	**$20,392,864**	**$387,154**

TOTAL COSTS	**$47,195,763**	**$36,745,717**	**$10,450,046**	**$46,316,456**	**$879,307**

1 **Open Pit Name:** ***Mary River Mine Pit*** **Pit # *1***

ACTIVITY/MATERIAL	Notes		Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
CONTROL ACCESS										
Fence			m3		#N/A	$0.00	$0		$0	$0
Signs			each		#N/A	$0.00	$0		$0	$0
Berm at crest			m3		#N/A	$0.00	$0		$0	$0
Block roads			m3		#N/A	$0.00	$0		$0	$0
Other					#N/A	$0.00	$0		$0	$0
STABILITY STUDY										
Conduct stability and setback study			allow		#N/A	$0.00	$0		$0	$0
COVER/CONTOUR SLOPES										
Place fill, soil A			m3		#N/A	$0.00	$0		$0	$0
Place fill, soil B			m3		#N/A	$0.00	$0		$0	$0
Rip rap			m3		#N/A	$0.00	$0		$0	$0
CONSTRUCT DIVERSION DITCHES										
Excavate ditches -soil			m3		#N/A	$0.00	$0		$0	$0
Excavate ditches -rock			m3		#N/A	$0.00	$0		$0	$0
Rip rap in channel base			m3		#N/A	$0.00	$0		$0	$0
CONSTRUCT SPILLWAY										
Excavate channel			m3		#N/A	$0.00	$0		$0	$0
Concrete			m3		#N/A	$0.00	$0		$0	$0
Rip rap			m3		#N/A	$0.00	$0		$0	$0
Other					#N/A	$0.00	$0		$0	$0
GRADE AND CONTOUR - The unit cost is inclusive of backfill, compaction and scarifcation with a dozer (Ref 1, pg 19).										
P10 Borrow Source		2016	m2	19,344	15GCS	$1.81	$35,018	100%	$35,018	$0
P13 Borrow Source		2016	m2	8,456	15GCS	$1.81	$15,308	100%	$15,308	$0
P14 Borrow Source		2016	m2	3,160	15GCS	$1.81	$5,721	100%	$5,721	$0
P15 Borrow Source		2016	m2	3,300	15GCS	$1.81	$5,974	100%	$5,974	$0
P5 Borrow Source		2016	m2	4,600	15GCS	$1.81	$8,327	100%	$8,327	$0
P6 Borrow Source		2016	m2	7,500	15GCS	$1.81	$13,577	100%	$13,577	$0
P7 Borrow Source		2016	m2	8,100	15GCS	$1.81	$14,663	100%	$14,663	$0
P8 Borrow Source		2016	m2	8,385	15GCS	$1.81	$15,179	100%	$15,179	$0
Q13 Quarry		2016	m2	6,350	15GCS	$1.81	$11,495	100%	$11,495	$0
Q14 Quarry		2016	m2	13,440	15GCS	$1.81	$24,330	100%	$24,330	$0
Q15 Quarry		2016	m2	10,680	15GCS	$1.81	$19,334	100%	$19,334	$0
Q16A Quarry		2016	m2	11,240	15GCS	$1.81	$20,348	100%	$20,348	$0
Q9 Quarry		2016	m2	15,166	15GCS	$1.81	$27,455	100%	$27,455	$0
D1Q2 Quarry		2016	m2	109,807	15GCS	$1.81	$198,783	100%	$198,783	$0
Q1 Quarry			m2	64,200	15GCS	$1.81	$116,221	100%	$116,221	$0
Q11 Quarry			m2	50,433	15GCS	$1.81	$91,299	100%	$91,299	$0
Q19 Quarry			m2	18,760	15GCS	$1.81	$33,961	100%	$33,961	$0
Q7 Quarry			m2	53,050	15GCS	$1.81	$96,036	100%	$96,036	$0
QMR2 Quarry			m2	258,580	15GCS	$1.81	$468,106	100%	$468,106	$0
Pit 1			m2	55,000	15GCS	$1.81	$99,566	100%	$99,566	$0
Pit 1 - Marginal increase			m2	214,450	15GCS	$1.81	$388,218	100%	$388,218	$0
P1 Borrow Source			m2	75,820	15GCS	$1.81	$137,257	100%	$137,257	$0
Km 2 Borrow source			m2	41,795	15GCS	$1.81	$75,661	100%	$75,661	$0
Borrow development areas			m2	42,080	15GCS	$1.81	$76,177	100%	$76,177	$0
Unidentified Borrow Sources			m2	697,910	15GCS	$1.81	$1,263,423	100%	$1,263,423	$0
GRADE AND CONTOUR SIGNIFICANTLY DISTURBED AREAS - The unit cost is inclusive of backfill, compaction and scarifcation with a dozer (Ref 1, pg 19).										
Km 97 Borrow source			m2	157,012	15GCDS	$2.72	$426,357	100%	$426,357	$0
Type A Quarry			m2	136,880	15GCDS	$2.72	$371,690	100%	$371,690	$0
RECLAIM QUARRIES										
Contour slopes			m3		#N/A	$0.00	$0		$0	$0
Place overburden			m3		#N/A	$0.00	$0		$0	$0
						Total	$4,059,486		$4,059,486	$0
						% of Total			100%	0%

Ref 1: 2014 Complete Project Financial Security Assessment, Document No. H349000-1000-07-126-0018, Rev. 1.

1 **Rock Pile Name:** ***Mine Site Waste Rock Pile***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
STABILIZE SLOPES									
Flatten slopes with dozer		m3		#N/A	$0.00	$0		$0	$0
Flatten "bubble dump" areas		m3		#N/A	$0.00	$0		$0	$0
Divert runon, ditch mat'l A		m3		#N/A	$0.00	$0		$0	$0
Divert runon, ditch mat'l B		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, drain mat'l		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, fill mat'l A		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, fill mat'l B		m3		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
COVER ROCK PILE									
Subgrade preparation - doze surface		m3		#N/A	$0.00	$0		$0	$0
Soil cover - excavate,haul,spread&compact		m3		#N/A	$0.00	$0		$0	$0
Rock cover - excavate,haul & spread		m3		#N/A	$0.00	$0		$0	$0
Excavate downslope drainage channel & chute		m3		#N/A	$0.00	$0		$0	$0
Rip rap drainage channel and chute		m3		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
VERY LOW PERMEABILITY COVER (in addition to above)									
Liner subgrade preparation - compact		m2		#N/A	$0.00	$0		$0	$0
Supply geomembrame		m2		#N/A	$0.00	$0		$0	$0
Install geomembrane		m2		#N/A	$0.00	$0		$0	$0
Protective cover - excavate,haul,spread&compact		m3		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Install infiltration/seepage instrumentation		allow		#N/A	$0.00	$0		$0	$0
CONSTRUCT DIVERSION DITCHES									
Excavate ditches -soil		m3		#N/A	$0.00	$0		$0	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0		$0	$0
Rip rap in channel base		m3		#N/A	$0.00	$0		$0	$0
CONSTRUCT SEEPAGE COLLECTION POND									
Excavate seepage collection pond		m3		#N/A	$0.00	$0		$0	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0		$0	$0
Vegetate spread material		ha		#N/A	$0.00	$0		$0	$0
Bedding layer		m3		#N/A	$0.00	$0		$0	$0
Supply geomembrane		m2		#N/A	$0.00	$0		$0	$0
Install geomembrane		m2		#N/A	$0.00	$0		$0	$0
Erosion protection layer		m3		#N/A	$0.00	$0		$0	$0
RELOCATE DUMPS									
Load, haul, dump or doze		m3		#N/A	$0.00	$0		$0	$0
Add lime		tonne		#N/A	$0.00	$0		$0	$0
Contour reclaimed area		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
SPECIALIZED ITEMS									
Install permanent instrumentation		each		#N/A	$0.00	$0		$0	$0
Install permanent instrumentation, drilling		each		#N/A	$0.00	$0		$0	$0
Grade and contour waste rock dump		m2	190,000	15GCS	$1.81	$343,956	100%	$343,956	$0
					Total	$343,956		$343,956	$0
					% of Total			100%	0%

1 **Chemicals/Soil Area Name:**

Note: The procedures, equipment and packaging for clean up and removal of chemicals or contaminated soils are highly dependent on the nature of the chemicals and their existing state of containment. Government guidelines should be consulted on an individual chemical basis. Any estimate made here should be considered very rough unless specific evaluations have been conducted.

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
HAZARDOUS MATERIALS AUDIT									
Hazardous materials audit		mandays		#N/A	$0.00	$0		$0	$0
BUILDING DECONTAMINATION & CONSOLIDATION OF HAZARDOUS MATERIALS									
Environmental technician/coordinator		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate: oil, fuel		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate maintenance shop		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate power plant		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate bulk fuel storage		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate ANFO plant		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate offices/warehouse/accom		mandays		#N/A	$0.00	$0		$0	$0
Removal of asbestos siding on buildings		m2		#N/A	$0.00	$0		$0	$0
Removal of friable asbestos on equipment		m2		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
HAZARDOUS MATERIALS REMOVAL									
Waste oils		litre		#N/A	$0.00	$0		$0	$0
Waste fuel		litre		#N/A	$0.00	$0		$0	$0
Waste batteries		kg		#N/A	$0.00	$0		$0	$0
Assay & environmental lab reagents		kg		#N/A	$0.00	$0		$0	$0
Machine shop paints, solvents etc		litre		#N/A	$0.00	$0		$0	$0
Glycol		litre		#N/A	$0.00	$0		$0	$0
Process reagents		kg		#N/A	$0.00	$0		$0	$0
Nuclear sources		allow		#N/A	$0.00	$0		$0	$0
Other hazardous materials		allow		#N/A	$0.00	$0		$0	$0
HAZARDOUS MATERIALS									
Transportation to disposal facility		allow		#N/A	$0.00	$0		$0	$0
Disposal fees		allow		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
CONTAMINATED SOILS									
Contam. soil investigation - Phase 1		each		#N/A	$0.00	$0		$0	$0
Contam. soil investigation - Phase 2		each		#N/A	$0.00	$0		$0	$0
CONTAMINATED SOIL REMOVAL									
Contaminated soil treatment		m3	16,164	15CSTS	$14.78	$238,904	100%	$238,904	$0
Excavate and transport to onsite facility		m2		#N/A	$0.00	$0		$0	$0
Manage hydrocarbon remediation at facility		m3		#N/A	$0.00	$0		$0	$0
Reagents/stabilizing agent		m2		#N/A	$0.00	$0		$0	$0
Excavate and transport to offsite facility		m3		#N/A	$0.00	$0		$0	$0
Contour decontaminated area		m3		#N/A	$0.00	$0		$0	$0
OTHER									
Ammonium nitrate (explosive material)		m3	2,343	16AN1S	$358.00	$838,794	100%	$838,794	$0
Pre-packaged explosives		kg	716,519	16AN2S	$2.37	$1,698,150	100%	$1,698,150	$0
					Total	$2,775,848		$2,775,848	$0
					% of Total			100%	0%

4 **Building / Equip Name:** ***Mine Site*** **Bldg / Equip #:** ***1***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
DISPOSE MOBILE EQUIPMENT - Unit costs includes disassembly, necessary decontamination required for on-site disposal, load and transport (Ref 1, pg 24-25, 40)									
Light Mobile Equipment	Includes forklifts, picks up, vehicles around five (5) tonnes and under, scissor lift, man lifts, and small garbage bins (Ref 1, pg 24-25).	Ea	154	15MOLS	$941.09	$144,928	95%	$137,681	$7,246
Medium Mobile Equipment	Includes vehicles around 10 tonnes, trailers, buses, tow trucks, large garbage bins and water trucks (Ref 1, pg 24-25).	Ea	82	15MOMS	$1,494.13	$122,519	98%	$120,069	$2,450
Heavy Mobile Equipment	Includes vehicles over 10 tonnes, boom trucks, large front end loaders, dump trucks, graders and cranes (Ref 1, pg 24-25).	Ea	243	15MOHS	$2,618.87	$636,386	98%	$623,659	$12,728
DISPOSE MECHANICAL EQUIPMENT - Unit costs include equipment disassembly, necessary decontamination required for on-site disposal, load and transport (Ref 1, pg 23-42))									
Light mechanical equipment - Decontaminate and dispose on-site	Light equipment includes pumps, fuel dispenser, laboratory equipment, and sample bins (Ref 1, pg 23).	Ea	57	15LMES	$1,980.80	$112,906	98%	$110,647	$2,258
Medium mechanical equipment - Decontaminate and dispose on-site	Medium equipment includes aerodrome equipment, generators, shop / maintenance equipment, screens, and chutes (Ref 1, pg 23).	Ea	29	15MMES	$4,261.34	$123,579	100%	$123,579	$0
Heavy mechanical equipment - Decontaminate and dispose on-site	Heavy equipment includes crusher, feeder, power plant generators, large screens, conveyors, and stackers (Ref 2, pg 23).	Ea	3	15MEHS	$41,205.45	$123,616	100%	$123,616	$0
Light Tanks	Light non- fuel storage tanks. The cleaning, plugging, disassembly and removal of all associated pipeline infrastructure is included (Ref 1, pg 26).	Ea	6	15TLS	$2,148.33	$12,890	0%	$0	$12,890
Medium Tanks	Medium non- fuel storage tanks. The cleaning, plugging, disassembly and removal of all associated pipeline infrastructure is included (Ref 1, pg 26).	Ea	12	15MTS	$7,387.31	$88,648	0%	$0	$88,648
Light Diesel Tanks	Small fuel tanks (10,000-20,000L) (Ref 1, pg 27)	Ea	5	15LiDTS	$3,693.66	$18,468	100%	$18,468	$0
Medium Diesel Tanks	Medium fuel tanks (500,000-750,000L). The cleaning, plugging, disassembly and removal of all associated pipeline infrastructure is included (Ref 1, pg 27).	Ea	4	15MDTS	$16,166.40	$64,666	100%	$64,666	$0
Misc Items (Minor) **(was 8)**	On-site disposal. Miscellaneous (minor) items were defined as any item less than 200 kg not captured in other unit costs (Ref 1, pg 42).	Lot	-	15MEIS	$529.83	$0	100%	$0	$0
Fuel tanks - Medium Mobile Diesel Tanks (3000-500kL)	On-site disposal of medium-mobile fuel tanks (3,000 to 500,000L).	Ea	2	15MMFTS	$10,481.05	$20,962	100%	$20,962	$0
REMOVE BUILDINGS - Unit costs include disassembling, removing or securing all items, and load and transport (Ref1, pg 29-32, 39)									
Modular	Trailers and pre-fabricated buildings. (Ref 1, pg 29).	m2	9,027	15RBMS	$59.38	$536,066	89%	$474,574	$61,492
Fold Away Building		m2	709	15RBFS	$41.57	$29,473	100%	$29,473	$0
Soft-walled		m2	6,017	15RBSS	$47.51	$285,861	100%	$285,861	$0
ISO Shipping Containers (shelters, comm. Facilities)		m2	30	15RBIS	$29.69	$883	100%	$883	$0
Wastewater Treatment Facilities	(2015 Security Assessment, pg 39).	Ea	1	15WWTS	$11,035.58	$11,036	0%	$0	$11,036
REMOVE CONTAMINATED BUILDINGS - Unit costs include disassembling, removing or securing all items, decontamination, and load and transport (Ref 1, pg 29-32)									
Modular	Trailers and pre-fabricated buildings. (Ref 1, pg 29).	m2	1,556	15RCBMS	$143.42	$223,098	100%	$223,098	$0
Fold Away Building		m2	8,727	15RCBFS	$142.41	$1,242,845	100%	$1,242,845	$0
ISO Shipping Containers		m2	104	15RCBIS	$143.42	$14,928	100%	$14,928	$0
Temporary construction warehouses and offices	Allowance	m2	1	15RCBTS	$25,000	$25,000	100%	$25,000	$0
BREAK FOUNDATIONS									
Precast foundations	Includes load and transport of precast concrete foundations (Ref 1, pg 34).	m2	7,524	15FCS	$38.47	$289,433	100%	$289,433	$0
Slab on grade	Includes perforating the concrete slabs on grade (Ref 1, pg 35).	m2	15,704	15FSS	$33.11	$520,014	100%	$520,014	$0
Timber Cribbing	Includes disassembly, load and transport of the timber cribbing (Ref 1, pg 33).	m2	1,102	15TCS	$20.78	$22,902	100%	$22,902	$0
GRADE AND CONTOUR , GENERAL - Unit costs are inclusive of backfill, compaction and scarifcation with a dozer (Ref 1, pg 19-20).									
Grade and contour laydown areas		m2	62,193	15GCS	$1.81	$112,588	100%	$112,588	$0
Grade and contour building footprints		m3	223	15GCS	$1.81	$404	100%	$404	$0
Grade and contour infrastructure pads		m2	157,201	15GCS	$1.81	$284,580	100%	$284,580	$0
Aerodrome Facilities		m2	5,776	15GCS	$1.81	$10,456	100%	$10,456	$0
Roads		m2	121,619	15GCS	$1.81	$220,166	100%	$220,166	$0
Stockpiles		m2	5,100	15GCS	$1.81	$9,233	100%	$9,233	$0
Truck weigh facility disturbed area		m2	13,000	15GCS	$1.81	$23,534	100%	$23,534	$0
GRADE AND CONTOUR WITH LINER - Unit costs include liner removal and disposal, backfill, compaction and scarifcation with a dozer (Ref 1, pg 19-21).									
Waste disposal		m2	900	15GCLS	$5.31	$4,777	100%	$4,777	$0
Fuel tank farm dyke		m2	1,911	15GCLS	$5.31	$10,146	100%	$10,146	$0
Hazardous waste berm		m2	2106	15GCLS	$5.31	$11,179	100%	$11,179	$0
Bulk Fuel Storage facility (Bladder Farm)		m2	5788	15GCLS	$5.31	$30,724	100%	$30,724	$0
Other		m2	5,812	15GCLS	$5.31	$30,852	100%	$30,852	$0
LANDFILL FOR DEMOLITION WASTE									
Place fill material over demoiltion waste	Includes drill and blasting of material aggregated crushing, excavation of fill, load and haul of fill material, backfill and compact source of material, and fill application. Assumes avg fill depth 1.5m over 6m of demolition waste (Ref 1, pg 17).	m2	13,625	15PFS	$44.37	$604,524	100%	$604,524	$0
SPECIALIZED ITEMS									
Electrical Cable	Includes the removal, loading, hauling and disposal of cable (Ref 1, pg 41).	m	16,200	15ECS	$26.49	$429,160	100%	$429,160	$0
Incinerator	Waste Incinerator. Includes disassembly, decontamination (if required), load and transport (2015 Security Assessment, pg 37).	Ea	1	15FIS	$9,975.93	$9,976	100%	$9,976	$0
Potable Water	Includes disassembly, decontamination (if required), load and transport (2015 Security Assessment, pg 38).	Ea	1	15PWS	$9,975.93	$9,976	0%	$0	$9,976
					Total	$6,473,382		$6,264,658	$208,724
					% of Total			97%	3%

Ref 1: 2014 Complete Project Financial Security Assessment, Document No. H349000-1000-07-126-0018, Rev. 1.

Building / Equip Name: ***Milne Port*** **Bldg / Equip #:** **2**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
DISPOSE MOBILE EQUIPMENT - Unit costs includes disassembly, necessary decontamination required for on-site disposal, load and transport (Ref 1, pg 24-25, 40)									
Light Mobile Equipment	Includes forklifts, picks up, vehicles around five (5) tonnes and under, scissor lift, man lifts, and small garbage bins (Ref 1, pg 24-25).	Ea	98	15MOLS	$941.09	$92,227	98%	$90,382	$1,845
Medium Mobile Equipment	Includes vehicles around 10 tonnes, trailers, buses, tow trucks, large garbage bins and water trucks (Ref 1, pg 24-25).	Ea	53	15MOMS	$1,494.13	$79,189	95%	$75,230	$3,959
Heavy Mobile Equipment	Includes vehicles over 10 tonnes, boom trucks, large front end loaders, dump trucks, graders and cranes (Ref 1, pg 24-25).	Ea	56	15MOHS	$2,618.87	$146,657	100%	$146,657	$0
Other (reclaim conveyor)	Conveyors have been classified as large mobile equipment, with the exception of the reclaim conveyor (850m in length). (Ref 1, pg 40).	Ea	1	15MORS	$1,329,441.31	$1,329,441	100%	$1,329,441	$0
DISPOSE MECHANICAL EQUIPMENT - Unit costs include equipment disassembly, necessary decontamination required for on-site disposal, load and transport (Ref 1, pg 23-42))									
Light mechanical equipment - Decontaminate and dispose on-site	Light equipment includes pumps, fuel dispenser, laboratory equipment, and sample bins (Ref 1, pg 23).	Ea	38	15LMES	$1,980.80	$75,270	100%	$75,270	$0
Medium mechanical equipment - Decontaminate and dispose on-site	Medium equipment includes aerodrome equipment, generators, shop / maintenance equipment, screens, and chutes (Ref 1, pg 23).	Ea	2	15MMES	$4,261.34	$8,523	100%	$8,523	$0
Heavy mechanical equipment - Decontaminate and dispose on-site	Heavy equipment includes crusher, feeder, power plant generators, large screens, conveyors, and stackers (Ref 2, pg 23).	Ea	3	15MEHS	$41,205.45	$123,616	100%	$123,616	$0
Light Tanks	Light non- fuel storage tanks. The cleaning, plugging, disassembly and removal of all associated pipeline infrastructure is included (Ref 1, pg 26).	Ea	3	15TLS	$2,148.33	$6,445	0%	$0	$6,445
Medium Tanks	Medium non- fuel storage tanks. The cleaning, plugging, disassembly and removal of all associated pipeline infrastructure is included (Ref 1, pg 26).	Ea	0	15MTS	$7,387.31	$0	100%	$0	$0
Light Diesel Tanks	Small fuel tanks (10,000-20,000L) (Ref 1, pg 27)	Ea	1	15LiDTS	$3,693.66	$3,694	100%	$3,694	$0
Medium Diesel Tanks	Medium fuel tanks (500,000-750,000L). The cleaning, plugging, disassembly and removal of all associated pipeline infrastructure is included (Ref 1, pg 27).	Ea	0	15MDTS	$16,166.40	$0	100%	$0	$0
Large Diesel Tanks	Large fuel tanks (5M L). The cleaning, plugging, disassembly and removal of all associated pipeline infrastructure is included (Ref 1, pg 27).	Ea	0	15LDTS	$106,338.74	$0	100%	$0	$0
Largest Diesel Tanks	Largest fuel tanks (10M to 12M L). The cleaning, plugging, disassembly and removal of all associated pipeline infrastructure is included (Ref 1, pg 27).	Ea	0	15XLDTS	$171,468.15	$0	100%	$0	$0
Misc Items (Minor)	Miscellaneous (minor) items were defined as any item less than 200 kg not captured in other unit costs (Ref 1, pg 42)	Ea	0	15MEIS	$529.83	$0	100%	$0	$0
REMOVE BUILDINGS - Unit costs include disassembling, removing or securing all items, and load and transport (Ref1, pg 29-32, 39)									
Modular	Trailers and pre-fabricated buildings. (Ref 1, pg 29).	m2	5,521	15RBMS	$59.38	$327,871	100%	$327,871	$0
Fold Away Building		m2	1,525	15RBFS	$41.57	$63,378	100%	$63,378	$0
Soft-walled		m2	5392.34	15RBSS	$47.51	$256,178	100%	$256,178	$0
ISO Shipping Containers (shelters, comm. Facilities)		m2	15	15RBIS	$29.69	$442	100%	$442	$0
Wastewater Treatment Facilities	(2015 Security Assessment, pg 39).	Ea	1	15WWTS	$11,035.58	$11,036	0%	$0	$11,036
REMOVE CONTAMINATED BUILDINGS - Unit costs include disassembling, removing or securing all items, decontamination, and load and transport (Ref 1, pg 29-32)									
Modular	Trailers and pre-fabricated buildings. (Ref 1, pg 29).	m2	1,171	15RCBMS	$143.42	$167,996	85%	$142,797	$25,199
Fold Away Building		m2	3,194	15RCBFS	$142.41	$454,924	100%	$454,924	$0
Soft walled		m2	2,131	15RCBSS	$148.35	$316,059	100%	$316,059	$0
ISO Shipping Containers (shelters, comm. facilities)		m2	134	15RCBIS	$143.42	$19,194	100%	$19,194	$0
Temporary construction warehouses and offices	Allowance	m2	1	15RCBTS	$25,000.00	$25,000	100%	$25,000	$0
BREAK FOUNDATIONS									
Precast foundations	Includes load and transport of precast concrete foundations (Ref 1, pg 34).	m2	3,513	15FCS	$38.47	$135,154	100%	$135,154	$0
Slab on grade	Includes perforating the concrete slabs on grade (Ref 1, pg 35).	m2	1,766	15FSS	$33.11	$58,473	100%	$58,473	$0
Timber Cribbing	Includes disassembly, load and transport of the timber cribbing (Ref 1, pg 33).	m2	732	15TCS	$20.78	$15,206	100%	$15,206	$0
GRADE AND CONTOUR , GENERAL - Unit costs are inclusive of backfill, compaction and scarifcation with a dozer (Ref 1, pg 19-20).									
Grade and contour laydown areas		m2	312,921	15GCS	$1.81	$566,479	100%	$566,479	$0
Grade and contour building footprints		m3	14,306	15GCS	$1.81	$25,898	100%	$25,898	$0
Grade and contour infrastructure pads		m2	66,536	15GCS	$1.81	$120,450	100%	$120,450	$0
Roads		m2	12,149	15GCS	$1.81	$21,992	100%	$21,992	$0
Stockpiles		m2	134,046	15GCS	$1.81	$242,663	100%	$242,663	$0
GRADE AND CONTOUR WITH LINER - Unit costs include liner removal and disposal, backfill, compaction and scarifcation with a dozer (Ref 1, pg 19-21).									
Hazardous waste berm		m2	4,417	15GCLS	$5.31	$23,449	100%	$23,449	$0
Weatherhaven genset fuel bladder berm		m2	500	15GCLS	$5.31	$2,654	100%	$2,654	$0
Storage Area		m2	1,971	15GCLS	$5.31	$10,461	100%	$10,461	$0
Fuel tank farm dyke		m2	25,893	15GCLS	$5.31	$137,448	100%	$137,448	$0
Landfarm		m2	14,083	15GCLS	$5.31	$74,757	100%	$74,757	$0
SPECIALIZED ITEMS									
Electrical Cable	Includes the removal, loading, hauling and disposal of cable (Ref 1, pg 41).	m	11,100	15ECS	$26.49	$294,054	100%	$294,054	$0
Incinerator	Includes disassembly, decontamination (if required), load and transport (2015 Security Assessment, pg 37)	Ea	1	15FIS	$9,975.93	$9,976	100%	$9,976	$0
Potable Water	Includes disassembly, decontamination (if required), load and transport (2015 Security Assessment, pg 38)	Ea	1	15PWS	$9,975.93	$9,976	0%	$0	$9,976
LANDFILL FOR DEMOLITION WASTE									
Place fill material over demoiltion waste		m2	5,750	15PFS	$44.37	$255,139	100%	$255,139	$0
					Total	$5,511,367		$5,452,907	$58,460
					% of Total			99%	1%

Ref 1: 2014 Complete Project Financial Security Assessment, Document No. H349000-1000-07-126-0018, Rev. 1.

Building / Equip Name: ***Tote Road*** **Bldg / Equip #:** ***3***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
DISPOSE MOBILE EQUIPMENT - Unit costs includes disassembly, necessary decontamination required for on-site disposal, load and transport (Ref 1, pg 24-25, 40)									
Light Mobile Equipment		Ea		#N/A	$0.00	$0		$0	$0
Medium Mobile Equipment	Includes vehicles around 10 tonnes, trailers, buses, tow trucks, large garbage bins & water trucks (Ref 1, pg 24-25).	Ea		15MOMS	$1,494.13	$0	100%	$0	$0
Heavy Mobile Equipment	Includes vehicles >10 tonnes, boom trucks, large front end loaders, dump trucks, graders & cranes (Ref 1, pg 24-25).	Ea		15MOHS	$2,618.87	$0	100%	$0	$0
REMOVE BUILDINGS									
Modular		m2		#N/A	$0.00	$0		$0	$0
Fold Away Building		m2		#N/A	$0.00	$0		$0	$0
ISO Shipping Containers (shelters, comm. facilities)		m2	223	15RBIS	$29.69	$6,621	100%	$6,621	$0
Accomodation Complex		m2		#N/A	$0.00	$0		$0	$0
REMOVE CONTAMINATED BUILDINGS									
Modular		m2		#N/A	$0.00	$0		$0	$0
Fold Away Building		m2	682	15RCBFS	$142.41	$97,123	100%	$97,123	$0
Soft walled		m2		#N/A	$0.00	$0		$0	$0
BREAK FOUNDATIONS									
Slab on grade		m2	682	15FSS	$33.11	$22,584	100%	$22,584	$0
Timber Cribbing	Includes disassembly, load and transport of the timber cribbing (Ref 1, pg 33).	m2	59	15TCS	$20.78	$1,236	100%	$1,236	$0
GRADE AND CONTOUR , GENERAL - Unit costs are inclusive of backfill, compaction and scarifcation with a dozer (Ref 1, pg 19-20).									
Grade and contour laydown areas		m2		#N/A	$0.00	$0		$0	$0
Grade and contour building footprints		m3	13,040	15GCS	$1.81	$23,606	100%	$23,606	$0
Grade and contour infrastructure pads		m2	6,760	15GCS	$1.81	$12,238	100%	$12,238	$0
Aerodrome Facilities		m2		#N/A	$0.00	$0		$0	$0
Roads		m2	533,000	15GCS	$1.81	$964,887	100%	$964,887	$0
Stockpiles		m2		#N/A	$0.00	$0		$0	$0
Remove liner		m2	682		$3.50	$2,387	100%	$2,387	$0
Grade and Contour Significant Disturbed Areas		m2	-	15GCDS	$2.72	$0	100%	$0	$0
LANDFILL FOR DEMOLITION WASTE									
Place fill material over demoiltion waste		m2		#N/A	$0.00	$0		$0	$0
Place rock cover		m3		#N/A	$0.00	$0		$0	$0
Place soil cover		m3		#N/A	$0.00	$0		$0	$0
RECLAIM ROADS									
Remove bridges	The unit cost is inclusive of the demolition and removal of a bridge. Assumed not contaminated (Ref 1, pg 36).	each	4	15BRS	$201,838.77	$807,355	0%	$0	$807,355
Remove culverts	The unit cost is inclusive of the travel time to and from the culvert location, the earthwork necessary expose a culvert and the removal of the culvert material (Ref 1, pg 21).	each	383	15CRS	$1,094.48	$419,186	0%	$0	$419,186
Scarify and install water breaks		ha		#N/A	$0.00	$0		$0	$0
Scarify airstriip		ha		#N/A	$0.00	$0		$0	$0
Scarify laydown areas		ha		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Other		ha		#N/A	$0.00	$0		$0	$0
SPECIALIZED ITEMS									
Consumables		Ea		#N/A	$0.00	$0		$0	$0
Electrical Cable		m		#N/A	$0.00	$0		$0	$0
Incinerator		Ea		#N/A	$0.00	$0		$0	$0
Potable Water		Ea		#N/A	$0.00	$0		$0	$0
					Total	$2,357,224		$1,130,683	$1,226,541
					% of Total			48%	52%

Ref 1: 2014 Complete Project Financial Security Assessment, Document No. H349000-1000-07-126-0018, Rev. 1.

Building / Equip Name: ***Project Wide/ Other*** **Bldg / Equip #:** ***4***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
DISPOSE MOBILE EQUIPMENT									
Light Mobile Equipment		Ea		#N/A	$0.00	$0		$0	$0
Medium Mobile Equipment		Ea		#N/A	$0.00	$0		$0	$0
Heavy Mobile Equipment		Ea		#N/A	$0.00	$0		$0	$0
Other (reclaim conveyor)		Ea		#N/A	$0.00	$0		$0	$0
REMOVE BUILDINGS									
Modular		m2		#N/A	$0.00	$0		$0	$0
Fold Away Building		m2		#N/A	$0.00	$0		$0	$0
Soft walled		m2		#N/A	$0.00	$0		$0	$0
ISO Shipping Containers (shelters, comm. facilities)		m2		#N/A	$0.00	$0		$0	$0
REMOVE CONTAMINATED BUILDINGS									
Modular		m2		#N/A	$0.00	$0		$0	$0
Fold Away Building		m2		#N/A	$0.00	$0		$0	$0
Soft walled		m2		#N/A	$0.00	$0		$0	$0
ISO Shipping Containers (shelters, comm. facilities)		m2		#N/A	$0.00	$0		$0	$0
BREAK FOUNDATIONS									
Timber Cribbing		m2		#N/A	$0.00	$0		$0	$0
LANDFILL FOR DEMOLITION WASTE									
Place fill material over demoiltion waste	Includes drill and blasting of material aggregated crushing, excavation of fill material, load and haul of fill material, backfill and compact source of material, and fill application. Assumes avg fill depth of 1.5m over 6m of demolition waste (Ref 1, pg 17).	m2	12,154	15PFS	$44.37	$539,255	100%	$539,255	$0
RECLAIM ROADS									
Remove bridges		each		#N/A	$0.00	$0		$0	$0
Remove culverts		each		#N/A	$0.00	$0		$0	$0
Scarify and install water breaks		ha		#N/A	$0.00	$0		$0	$0
Scarify airstriip		ha		#N/A	$0.00	$0		$0	$0
Scarify laydown areas		ha		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Other		ha		#N/A	$0.00	$0		$0	$0
SPECIALIZED ITEMS									
Electrical Cable		m		#N/A	$0.00	$0		$0	$0
Incinerator		Ea		#N/A	$0.00	$0		$0	$0
Potable Water		Ea		#N/A	$0.00	$0		$0	$0
					Total	$539,255		$539,255	$0
					% of Total			100%	0%

Ref 1: 2014 Complete Project Financial Security Assessment, Document No. H349000-1000-07-126-0018, Rev. 1.

1 **Capital Expenditures and Short Term Water Treatment identified in 'Instructions' worksheet**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
BREACH DYKE EMBANKMENT						
Remove fill		m3		#N/A	$0.00	$0
Contour water intake area		m3		#N/A	$0.00	$0
STABILIZE SEDIMENT PONDS/WATER MANAGEMENT PONDS						
Place soil cover		m3		#N/A	$0.00	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0
Vegetate spread material		ha		#N/A	$0.00	$0
Rip rap in channel base		each		#N/A	$0.00	$0
Grade and contour with liner	Includes liner removal and disposal (Ref 1, pg 21) and backfill, compaction and scarifcation with a dozer (Ref 1, pg 19).	m2	49,636.20	15GCLS	$5.31	$263,484
REDIRECT RUNOFF/CONSTRUCT DIVERSION DITCHES						
Excavate ditches -soil		m3		#N/A	$0.00	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0
Stabilize side slopes		m3		#N/A	$0.00	$0
Rip rap in channel base		m3		#N/A	$0.00	$0
BREACH DITCHES						
Excavate breaches		m3		#N/A	$0.00	$0
Backfill/recontour		m3		#N/A	$0.00	$0
Install flow dissipation		m3		#N/A	$0.00	$0
Vegetate remainder of ditch		m2		#N/A	$0.00	$0
DECOMISSION FRESH WATER SUPPLY						
Breach embankment		m		#N/A	$0.00	$0
Remove pump		LS		#N/A	$0.00	$0
Remove pipeline		m		#N/A	$0.00	$0
Other		m3		#N/A	$0.00	$0
WATER CONTROL IN RECLAMATION QUARRY						
Install pumping system		LS		#N/A	$0.00	$0
Remove pumping system		LS		#N/A	$0.00	$0
REMOVE PIPELINES						
Remove pipes		m		#N/A	$0.00	$0
Remove pipes	The unit cost includes the cleaning, plugging, disassembly, loading, hauling and disposal of piping (Ref 1, pg 41).	m	19,623	15RPS	$66.23	$1,299,599
Concrete plug deep pipes		m3		#N/A	$0.00	$0
Other				#N/A	$0.00	$0
CONSTRUCT CONTAMINATED WATER STORAGE POND						
Excavate pond		m3		#N/A	$0.00	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0
Vegetate spread material		ha		#N/A	$0.00	$0
Bedding layer		m3		#N/A	$0.00	$0
Supply geomembrane		m2		#N/A	$0.00	$0
Install geomembrane		m2		#N/A	$0.00	$0
Erosion protection layer		m3		#N/A	$0.00	$0
CONSTRUCT WATER TREATMENT PLANT						
Build treatment plant		LS		#N/A	$0.00	$0
Build sludge containment facility		LS		#N/A	$0.00	$0
					Total	$1,563,082

Ref 1: 2014 Complete Project Financial Security Assessment, Document No. H349000-1000-07-126-0018, Rev. 1.

1 **Interim Care and Maintenance (18-month duration)**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
INTERIM CARE & MAINTENANCE						
On-site caretakers	Three caretakers for 18 months (assume 2 at 3w/1w and 1 at 2w/2w rotation). Assume 36 days of travel for each caretaker over 18-months.10-hr days.	hr	11,160	15BLS	$100.00	$1,116,000
Extra personnel	Assume crew of 15 people for 56, 10-hr days, to stabalize site and equipment at both the Mine Site, and Milne Port. Blended unit rate is used to allow for different skill levels that would make up the crew.	hr	8,400	15BLS	$100.00	$840,000
-Electrician		manmonths		#N/A	$0.00	$0
-Mechanic		manmonths		#N/A	$0.00	$0
Annual fuel		litre		#N/A	$0.00	$0
Mobilization of Workers Required for Stabilization Period (from northern communities)	Assume two rotations per worker, 30% from northern communities and 70% from southern communities. Mobilization from the south is $85.45/person days on site, and from the north $75/person-days on site (Ref 1).	person-days	252	15NWS	$75.00	$18,900
Mobilization of Workers Required for Stabilization Period (from southern communities)	Assume two rotations per worker, 30% from northern communities and 70% from southern communities. Mobilization from the south is $85.45/person days on site, and from the north $75/person-days on site (Ref 1).	person-days	588	15SWS	$85.45	$50,245
Mobilization of caretakers	Assume mobilize from the north	person-days	1,080	15NWS	$75.00	$81,000
Camp accomodations- stabilization period	15 workers for 56 days	person-days	840	15WACS	$225	$189,000
Camp accomodations for caretakers	18 month duration full time	person-days	1,080	15WACS	$225	$243,000
Equipment - site stabilizaiton	Assume 1 dozer, 56 days, 10 hr/day	hr	560	15BES	$150	$84,000
Miscellaneous supplies		allow		#N/A	$0.00	$0
-Pick-up truck		each		#N/A	$0.00	$0
-Small dozer		allow		#N/A	$0.00	$0
-Small excavator		allow		#N/A	$0.00	$0
-Snow machine		allow		#N/A	$0.00	$0
-Communications		allow		#N/A	$0.00	$0
SNP/AEMP water sampling & reporting		Ea	3	15MCWL	$30,000	$90,000
Geotechnical assessment		Ea	3	15GTS	$20,000	$60,000
Envrionmental site assessment	Assume spending 1st year budget for this type of activity for interim care.	Ea	1	RPTH	$20,000	$20,000
Interim water treatment				#N/A	0	$0
				18-month Interim C&M Cost		$2,792,145
Number of years of ICM		years	2		**Total**	$2,792,145

Ref 1: Baffinland Iron Mines Corporation, Mary River Project, 2014 Complete Project Financial Security Assessment, Document No. H349000-1000-07-126-0018, Rev. 1.

1 **Post-Closure Monitoring & Maintenance:**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
MONITORING & INSPECTIONS						
Annual geotechnical inspection	Assume 2 geotech inspections are specified at year 4 and 8 (Ref 2, pg 81).	Ea	2	15GTS	$20,000	$40,000
Survey inspection		Ea		#N/A	$0.00	$0
Regulatory costs*	Annual reporting over 8 years. Unit rate from RECLAIM.	Ea	8	RPTL	$10,000	$80,000
Site water monitoring (AEMP and SNP)	Two sampling events per year for 8 years, at 20 sample locations.	Ea	16	15MCWL	$30,000	$480,000
- Active closure and flooding		Ea		#N/A	$0.00	$0
- Post pit flooding		Ea		#N/A	$0.00	$0
Air Quality Monitoring Program (AQMP)	Assume 3 sampling events specified at year 2, year 4 and year 7 (Ref 2, pg 81). Unit rate from RECLAIM.	Ea	3	RPTH	$20,000	$60,000
Wildlife Effects Monitoring Program (WEMP)	Assume 2 sampling events specified at year 5 and year 7 (Ref 1, pg 81). Unit rate from RECLAIM.	Ea	2	RPTH	$20,000	$40,000
Vegetation Monitoring		Ea		#N/A	$0.00	$0
Monitoring (general)		-		#N/A	$0.00	$0
Project Environmental Assessment	Assume carried once (1x) during closure/post closure period year 4; at Mine site, Tote Road and Milne Port (Ref 2, pg 81). Unit rate from RECLAIM.	-	3	RPTH	$20,000	$60,000
COVER MAINTENANCE						
Maintenance allowance	According to the PDW closure plan, mmaintenance costs are estimated at $100,000 per year (Ref 1, pg 103).This allowance expected to cover all maintenance activities at the sites.	allow	8	15MCAL	$100,000.00	$800,000
Repair erosion - upgrade diversion ditches		allow		#N/A	$0.00	$0
Remove problem vegetation		allow		#N/A	$0.00	$0
Repair animal damage		allow		#N/A	$0.00	$0
Repair/upgrade access controls		allow		#N/A	$0.00	$0
Other		allow		#N/A	$0.00	$0
SPILLWAY MAINTENANCE						
Repair erosion		m3		#N/A	$0.00	$0
Clear spillway		Ea		#N/A	$0.00	$0
Subtotal, Annual post-closure costs (cumulative over 8 years)						$1,560,000
Discount rate for calculation of net present value of post-closure cost, %				0.00%		
Number of years of post-closure activity (Note 1)				8	years	
Present Value of payment stream						$1,560,000

*Regulatory costs - annual reporting, management plans, progress reports etc.

Ref 1: Baffinland Iron Mines Corporation, Mary River Project, Interim Mine Closure and Reclamation Plan, Document No. BAF-PH1-830-P16-0012, Rev. 2, Jun 27, 2014.

Ref 2: Baffinland Iron Mines Corporation, Mary River Project, Interim Closure and Reclamation Plan, Document No. BAF-PH1-830-P16-0012, Rev. 3, March 19, 2015.

1 **Mobilization/Demobilization:**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
MOBILIZE HEAVY EQUIPMENT						
Excavators		each		#N/A	0	$0
Dump trucks		each		#N/A	0	$0
Dozers		each		#N/A	0	$0
Demolition shears		each		#N/A	0	$0
Crane		each		#N/A	0	$0
Loader		each		#N/A	0	$0
Compactor		each		#N/A	0	$0
Light duty vehicles		each		#N/A	0	$0
MOBILIZE MISC. EQUIPMENT						
Mobilization and Demobilization of Equipment and Materials by Sealift		$	1		2,180,000	$2,180,000
Off-site disposal of waste and material	Ref 1, pg. 59	m3	5,500	15ODS	358	$1,969,000
Pump shipping		each		#N/A	0	$0
Pipe shipping		m		#N/A	0	$0
Minor tools and equipment		allow		#N/A	0	$0
Consumables	Cost to remove consumables delivered to site in 2015 (lubricants, grease, detergents, boosters, EZ Dets, dry goods, food, household supplies, etc.) (2015 Security Assessment, pg 18).	Ea	550	15CONS	$701	$385,440
MOBILIZE WORKERS						
Mobilization of Workers Required for Reclamation (from northern communities, 2016 Work Plan)	Person-hours required to complete direct cost reclamation activities (10-h person-days) (pg 63, Ref 1).	person-days	937	15NWS	75.00	$70,275
Mobilization of Workers Required for Reclamation (from southern communities, 2016 Work Plan)	Person-hours required to complete direct cost reclamation activities (10-h person-days) (pg 63, Ref 1).	person-days	2,185	15SWS	85.45	$186,708
Mobilization of Workers Required for Reclamation (2014 Work Plan)	Person-hours required to complete direct cost reclamation activities (10-h person-days) (pg 63, Ref 1). Based on a blended unit rate of $82.315, which assumes 70% of hires from southern communities at a rate of $85.45/ person-day, and 30% from northern communities at $75/ person-day.	manhours	7,921	#N/A	82.32	$652,000
Mobilization of Workers Required for Reclamation (2015 Work Plan)	Person-hours required to complete direct cost reclamation activities (10-h person-days) (pg 63, Ref 1). Based on a blended unit rate of $82.315, which assumes 70% of hires from southern communities at a rate of $85.45/ person-day, and 30% from northern communities at $75/ person-day.	each	559	#N/A	82.32	$46,000
Mobilization of Workers Required for Reclamation (2015 A Work Plan)	Person-hours required to complete direct cost reclamation activities (10-h person-days) (pg 63, Ref 1). Based on a blended unit rate of $82.315, which assumes 70% of hires from southern communities at a rate of $85.45/ person-day, and 30% from northern communities at $75/ person-day.	each	207	#N/A	82.32	$17,000
WORKER ACCOMODATIONS						
Worker Accommodation & Camp Operation		person-days	11,186	15WACS	225	$2,516,850
Worker Accommodation & Camp Operation	For the Post-Closure Monitorong and Reporting System (from 2016 Work Plan)	person-days	216	15WACS	225	$48,600
Long term reclamation activities (eg pump flooding)		manmonths		#N/A	0	$0
MOBILIZE FUEL						
Demobilization of Existing Fuel and/or Fuel Required for Reclamation	Represents the fuel mobilization cost associated with the 2014 Work Plan as provided in Oct 30, 2015 EBS	$	2,888,000	#N/A	1	$2,888,000
Demobilization of Existing Fuel and/or Fuel Required for Reclamation	Represents marginal increase in fuel for 2015 provided in Oct 30, 2015 EBS	$	30,000	#N/A	1	$30,000
Demobilization of Existing Fuel and/or Fuel Required for Reclamation	Represents marginal increase in fuel for the 2015 Addendum provided in September 23rd, 2015 EBS	$	9,000	#N/A	1	$9,000
Demobilization of Existing Fuel and/or Fuel Required for Reclamation	Represents marginal increase in fuel for 2015 R provided in September 23rd, 2015 EBS	$	203,000	#N/A	1	$203,000
Fuel Required for Reclamation (2016 Work Plan)	Ref 1, pg 61	litre	35,435	15MF1S	0.4	$14,174
DEMOBILIZE HEAVY EQUIPMENT						
Excavators		km		#N/A	0	$0
Dump trucks		km		#N/A	0	$0
Dozers		km		#N/A	0	$0
DEMOBILIZE WORKERS						
crew travel time		mandays		#N/A	0	$0
crew transportation		each		#N/A	0	$0
					Total	**$11,216,047**

Ref 1: 2014 Complete Project Financial Security Assessment, Document No. H349000-1000-07-126-0018, Rev. 1.