

APPENDIX I

CLOSURE COST ESTIMATE

SUMMARY OF COSTS

CAPITAL COSTS	COMPONENT NAME	COST	LAND LIABILITY	WATER LIABILITY
OPEN PIT		\$0	\$0	\$0
UNDERGROUND MINE		\$3,814,044	\$0	\$3,814,044
TAILINGS FACILITY	wsp	\$707,635	\$0	\$707,635
ROCK PILE	wrp	\$1,561,282	\$7,706	\$1,553,576
BUILDINGS AND EQUIPMENT	Infrastructure	\$2,325,068	\$2,325,068	\$0
CHEMICALS AND CONTAMINATED SOIL MANAGEMEN		\$140,887	\$82,800	\$58,087
SURFACE AND GROUNDWATER MANAGEMENT		\$32,400	-	\$32,400
INTERIM CARE AND MAINTENANCE		\$1,228,157	-	\$1,228,157
	SUBTOTAL: Capital Costs	\$9,809,474	\$2,415,574	\$7,393,900
	PERCENT OF SUBTOTAL		25%	75%

INDIRECT COSTS		COST	LAND LIABILITY	WATER LIABILITY
MOBILIZATION/DEMobilIZATION	equipment is on site	\$529,584	\$130,410	\$399,174
POST-CLOSURE MONITORING AND MAINTENANCE		\$1,614,836	\$397,652	\$1,217,184
POST-CLOSURE PUMP & TREAT CONTINGENCY		\$3,786,875	\$932,514	\$2,854,360
ENGINEERING	5%	\$490,474	\$120,779	\$369,695
PROJECT MANAGEMENT	5%	\$490,474	\$120,779	\$369,695
HEALTH AND SAFETY PLANS/MONITORING & QA/QC	1%	\$98,095	\$24,156	\$73,939
BONDING/INSURANCE	1%	\$98,095	\$24,156	\$73,939
CONTINGENCY	20%	\$1,961,895	\$483,115	\$1,478,780
MARKET PRICE FACTOR ADJUSTMENT	0%	\$0	\$0	\$0
	SUBTOTAL: Indirect Costs	\$9,070,326	\$2,233,560	\$6,836,767

TOTAL COSTS		\$18,879,800	\$4,649,134	\$14,230,666
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Underground Mine Name		UG Mine # 1							
ACTIVITY/MATERIAL	Notes	Unit	Qty	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
CONTROL ACCESS									
Fence		m		#N/A	\$0.00	\$0		\$0	\$0
Signs		each		#N/A	\$0.00	\$0		\$0	\$0
Block roads		m3		#N/A	\$0.00	\$0		\$0	\$0
Berm		m3		#N/A	\$0.00	\$0		\$0	\$0
Concrete wall in portals		m3		#N/A	\$0.00	\$0		\$0	\$0
Backfill portal #1		m3		#N/A	\$0.00	\$0		\$0	\$0
Backfill portal #2		m3		#N/A	\$0.00	\$0		\$0	\$0
cap 2 vent raises		m3	50	#N/A	\$699.75	\$34,988		\$0	\$34,988
Cap raise #2		m3		#N/A	\$0.00	\$0		\$0	\$0
Cap shaft #1		m3		#N/A	\$0.00	\$0		\$0	\$0
Cap shaft #2		m3		#N/A	\$0.00	\$0		\$0	\$0
Backfill adits		m3	25000	#N/A	\$20.47	\$511,704		\$0	\$511,704
Backfill open stope		m3	133,700	#N/A	\$20.46	\$2,735,502		\$0	\$2,735,502
Concrete cap over open stope		m3		#N/A	\$0.00	\$0		\$0	\$0
Other				#N/A	\$0.00	\$0		\$0	\$0
REMOVE HAZARDOUS MATERIALS									
Remove hazardous materials, U/G labor		mandays		#N/A	\$0.00	\$0		\$0	\$0
Remove/decontam. stationary & elect. equip		mandays		#N/A	\$0.00	\$0		\$0	\$0
Remove/decontam. mobile equipment		each		#N/A	\$0.00	\$0		\$0	\$0
Remove misc. haz. mat & explosives		kg		#N/A	\$0.00	\$0		\$0	\$0
Other				#N/A	\$0.00	\$0		\$0	\$0
INSTALL BULKHEADS									
Bulkheads to control water flow		each	4	#N/A	\$55,190.17	\$220,761		\$0	\$220,761
Grout bulkhead		m3	1,000	#N/A	\$311.09	\$311,090		\$0	\$311,090
FLOOD MINE									
Supply/install pump		each		#N/A	\$0.00	\$0		\$0	\$0
Supply/install piping system		each		#N/A	\$0.00	\$0		\$0	\$0
Operate pumps to flood workings		m3		#N/A	\$0.00	\$0		\$0	\$0
Other				#N/A	\$0.00	\$0		\$0	\$0
INSTALL GROUNDWATER COLLECTION SYSTEM									
Excavate/install sumps		m2		#N/A	\$0.00	\$0		\$0	\$0
Install pumping wells		m3		#N/A	\$0.00	\$0		\$0	\$0
Install pumps/pipelines/power supply		LS		#N/A	\$0.00	\$0		\$0	\$0
SPECIALIZED ITEMS									
Install water quality monitoring pipes		each		#N/A	\$0.00	\$0		\$0	\$0
Install permanent pumping system		each		#N/A	\$0.00	\$0		\$0	\$0
Other				#N/A	\$0.00	\$0		\$0	\$0
Total						\$3,814,044		\$0	\$3,814,044
% of Total								0%	100%

Underground

The intent is to completely backfill the underground workings and all access tunnels with the backfill mix. The workings will be completely sealed all the way out to the portals, potentially with the aid of hydraulic bulkheads.

There is expected to be ground water movement along the edges of the backfilled area, within the workings where gaps remain between the backfill mix and the roof that could not be filled or where the mix has settled, and in fractures in the bedrock immediately adjacent to the backfilled area. A contingency pumping system will be installed if necessary to pump mine water to the WTP for treatment and discharge. A Best Estimate prediction (Robertson Geoconsultants Inc June 2012) indicates that pumping might be required for four to eight years. During mine operations, further study of the mine water hydrology will better define if such a system is required, and the water treatment requirements.

Mine Equipment

All contaminated mine equipment will be removed from underground before mine closure. Equipment and material that is salvageable will also be removed. Equipment and material that has no salvage value will be decontaminated and moved to the WRP.

Bulkheads

Based on Robertson Geoconsultant's simulation of extended bulkheads report dated 08-Feb-13, the four bulkheads are:

- 1) 330m long bulkhead in the 870/880 tunnel
- 2) 330m long bulkhead in the 870 to 640 decline
- 3) 330m long bulkhead in the 870 to 970 ramp
- 4) 70m long bulkhead in the 930 tunnel (entire distance to the backfilled stopes).

Tailings Impoundment Name: **wsp**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	% Cost	Land Cost	Water Cost
CONTROL ACCESS								
Fence		m		#N/A	\$0.00	\$0	\$0	\$0
Signs		each		#N/A	\$0.00	\$0	\$0	\$0
Berm		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
STABILIZE EMBANKMENT(S)								
Toe buttress, drainage layer		m3		#N/A	\$0.00	\$0	\$0	\$0
Toe buttress, bulk fill		m3		#N/A	\$0.00	\$0	\$0	\$0
Rip rap		m3		#N/A	\$0.00	\$0	\$0	\$0
Vegetate		ha		#N/A	\$0.00	\$0	\$0	\$0
Raise crest		m3		#N/A	\$0.00	\$0	\$0	\$0
Flatten slopes		m3		#N/A	\$0.00	\$0	\$0	\$0
Other				#N/A	\$0.00	\$0	\$0	\$0
COVER TAILINGS								
Grade/shape tailings surface		m3		#N/A	\$0.00	\$0	\$0	\$0
Remove Tailings		m3	29100	#N/A	\$11.04	\$321,264	\$0	\$321,264
Liner bedding		m3	80000	#N/A	\$2.21	\$176,640	\$0	\$176,640
Subgrade preparation - compact		m2	20000	#N/A	\$2.21	\$44,160	\$0	\$44,160
Supply geotextile/geosynthetic		m2		#N/A	\$0.00	\$0	\$0	\$0
Install geotextile/geosynthetic		m2		#N/A	\$0.00	\$0	\$0	\$0
Soil cover		m3		#N/A	\$0.00	\$0	\$0	\$0
Rock cover		m3		#N/A	\$0.00	\$0	\$0	\$0
Vegetate		m2		#N/A	\$0.00	\$0	\$0	\$0
Other				#N/A	\$0.00	\$0	\$0	\$0
BURY PAG ROCK								
Relocate PAG rock		m3		#N/A	\$0.00	\$0	\$0	\$0
Place cover over PAG rock		m3		#N/A	\$0.00	\$0	\$0	\$0
Raise crest of dam		m3		#N/A	\$0.00	\$0	\$0	\$0
Other				#N/A	\$0.00	\$0	\$0	\$0
STABILIZE DECANT SYSTEM								
Excavate and replace		m3		#N/A	\$0.00	\$0	\$0	\$0
Plug/backfill with concrete or clay		m3		#N/A	\$0.00	\$0	\$0	\$0
Other				#N/A	\$0.00	\$0	\$0	\$0
REMOVE TAILINGS DISCHARGE								
Cyclones		m3		#N/A	\$0.00	\$0	\$0	\$0
Pipe		m3		#N/A	\$0.00	\$0	\$0	\$0
Remove reclaim barge		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
FLOOD TAILINGS								
Doze tailings to final contour		m3		#N/A	\$0.00	\$0	\$0	\$0
Raise crest of dam		m3		#N/A	\$0.00	\$0	\$0	\$0
Other				#N/A	\$0.00	\$0	\$0	\$0
UPGRADE SPILLWAY								
Excavate channel, rock		m3		#N/A	\$0.00	\$0	\$0	\$0
Excavate channel, soil		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
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
INSTALL GROUNDWATER COLLECTION SYSTEM								
Excavate/install sumps		m3		#N/A	\$0.00	\$0	\$0	\$0
Install pumping wells		m3		#N/A	\$0.00	\$0	\$0	\$0
Install pumps/pipelines/power supply		LS		#N/A	\$0.00	\$0	\$0	\$0
SPECIALIZED ITEMS								
Install permanent instrumentation, supply & technician		each		#N/A	\$0.00	\$0	\$0	\$0
Install permanent instrumentation, drilling		each		#N/A	\$0.00	\$0	\$0	\$0
TREAT SEEPAGE - see "Water Management" and "Water Treatment"								
TREAT SUPERNATANT								
Pump & treat Cell A		m3	150,000	#N/A	\$1.10	\$165,571	\$0	\$165,571
Equipment maintenance and parts		allow		#N/A	\$0.00	\$0	\$0	\$0
Supply reagents		tonne		#N/A	\$0.00	\$0	\$0	\$0
					Annual treatment costs	\$165,571		
Number of years of treatment		years				Total treatment costs	\$0	\$0
					Total	\$707,635	\$0	\$707,635
					% of Total		0%	100%

* for construction of passive treatment system refer to "Water Management"

Water Storage Pond

At the point that the WSP is no longer required or mine operations or reclamation activities, the water in Cell A will be reclaimed as follows:

1. Water in Cell A will be processed through the Water Treatment Plant and discharged
2. Sediment in the WSP will be dredged, pumped to the Backfill Plant and backfilled underground
3. When the WSP is free of contaminated solids and water, the liner will be removed and placed in the WRP
4. The WSP embankment will be breached in two places to prevent the structure from impounding water. The outlets to Prairie Creek will be stabilized as necessary.

Phase I

- WSP - Tailings and Sediment removal and disposal.
- WSP - Liner removal and dyke breaching.

Rock Pile Name: wrp

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	% Cost	Land Cost	Water Cost
STABILIZE SLOPES								
Excavate landfill area		m3	2000	#N/A	\$3.85	\$7,706	100%	\$7,706
Flatten "bubble dump" areas		m3	10000	#N/A	\$3.85	\$38,530		\$0
Divert runoff, ditch mat'l A		m3	1200	#N/A	\$18.99	\$22,787		\$0
Divert runoff, ditch mat'l B		m3		#N/A	\$0.00	\$0		\$0
Toe buttress, drain mat'l		m3		#N/A	\$0.00	\$0		\$0
Toe buttress, fill mat'l A		m3		#N/A	\$0.00	\$0		\$0
Toe buttress, fill mat'l B		m3		#N/A	\$0.00	\$0		\$0
Other				#N/A	\$0.00	\$0		\$0
COVER ROCK PILE								
Material A - clay 0.5 m thick		m3		#N/A	\$11.96	\$0		\$0
Material B - clean fill, 2 m thick		m3	193800	#N/A	\$7.70	\$1,492,260		\$0
Cover upgrade		allow		#N/A	\$0	\$0		\$0
Excavate downslope drainage channel & chute		m3		#N/A	\$0.00	\$0		\$0
Rip rap drainage channel and chute		m3		#N/A	\$0.00	\$0		\$0
Vegetate		ha		#N/A	\$0.00	\$0		\$0
Other				#N/A	\$0.00	\$0		\$0
VERY LOW PERMEABILITY COVER (in addition to above)								
Liner subgrade preparation - compact		m2		#N/A	\$0.00	\$0		\$0
Supply geomembrane		m2		#N/A	\$0.00	\$0		\$0
Install geomembrane		m2		#N/A	\$0.00	\$0		\$0
Protective cover - excavate, haul, spread & compact		m3		#N/A	\$0.00	\$0		\$0
Vegetate		ha		#N/A	\$0.00	\$0		\$0
Install infiltration/seepage instrumentation		allow		#N/A	\$0.00	\$0		\$0
CONSTRUCT DIVERSION DITCHES								
Excavate ditches -soil		m3		#N/A	\$0.00	\$0		\$0
Excavate ditches -rock		m3		#N/A	\$0.00	\$0		\$0
Rip rap in channel base		m3		#N/A	\$0.00	\$0		\$0
CONSTRUCT SEEPAGE COLLECTION POND								
Excavate seepage collection pond		m3		#N/A	\$0.00	\$0		\$0
Doze & spread excavated material		m3		#N/A	\$0.00	\$0		\$0
Vegetate spread material		ha		#N/A	\$0.00	\$0		\$0
Bedding layer		m3		#N/A	\$0.00	\$0		\$0
Supply geomembrane		m2		#N/A	\$0.00	\$0		\$0
Install geomembrane		m2		#N/A	\$0.00	\$0		\$0
Erosion protection layer		m3		#N/A	\$0.00	\$0		\$0
INSTALL GROUNDWATER COLLECTION SYSTEM								
Excavate/install sumps		m3		#N/A	\$0.00	\$0		\$0
Install pumping wells		m3		#N/A	\$0.00	\$0		\$0
Install pumps/pipelines/power supply		allow		#N/A	\$0.00	\$0		\$0
RELOCATE DUMPS								
Load, haul, dump or doze		m3		#N/A	\$0.00	\$0		\$0
Add lime		tonne		#N/A	\$0.00	\$0		\$0
Contour reclaimed area		ha		#N/A	\$0.00	\$0		\$0
Other				#N/A	\$0.00	\$0		\$0
SPECIALIZED ITEMS								
Install permanent instrumentation		each		#N/A	\$0.00	\$0		\$0
Install permanent instrumentation, drilling		each		#N/A	\$0.00	\$0		\$0
TREAT ROCK PILE SEEPAGE - see "Water Treatment"								
HEAP LEACH SEEPAGE TREATMENT - Cyanide Detox								
Cyanide destruction water treatment pumping		m3		#N/A	\$0	\$0		\$0
Reagents		tonnes		#N/A	\$0	\$0		\$0
Electrician/mechanic to maintain treatment plan		allow		#N/A	\$0	\$0		\$0
Equipment maintenance and parts		allow		#N/A	\$0	\$0		\$0
						Annual treatment costs		\$0
Number of years of treatment		years				Total treatment costs		\$0
HEAP LEACH SEEPAGE TREATMENT - ARD/ML**								
Upgrade/modify pumping system - report to WTF		allow		#N/A	\$0	\$0		\$0
						Total	\$1,561,282	\$7,706
						% of Total	0%	100%

* For construction of passive treatment system refer to "Water Management". ARD/ML seepage treatment becomes post-closure water treatment cost
 **Heap leach ARD/ML seepage treatment becomes post-closure water treatment cost

Waste Rock Pile

The WRP has been specifically designed by Golder Associates to store up to 620,000 m3 of waste rock with an additional 35,000 m3 of inert solid waste storage for the specific purpose of providing landfill disposal volume. The following solid waste components will be landfilled following removal of all contaminants:

1. All mobile equipment;
2. All stationary equipment;
3. All building structural materials;
4. All construction materials; and,
5. All other solid materials.

At the completion of the mine reclamation landfilling, the landfill within the WRP will be covered with a minimum one-metre thick layer of waste rock. The final cover for the WRP will be designed to promote runoff and minimize infiltration and the generation of leachate. An initial study by O'Kane Consultants recommended a 1-2 m thick "till" layer to be applied.

The selected cover design will be based on data from seepage monitoring during the mine life, and predictions of cover behaviour, long-term waste rock seepage, and the resulting groundwater and surface water quality.

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 Cost	Water Cost	
HAZARDOUS MATERIALS AUDIT									
Phase 1		each	1	#N/A	\$27,600	\$27,600	100%	\$27,600	\$0
Phase 2		each	1	#N/A	\$55,200	\$55,200	100%	\$55,200	\$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	1	#N/A	\$11,040	\$11,040		\$0	\$11,040
Disposal fees		allow	1	#N/A	\$22,080	\$22,080		\$0	\$22,080
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									
Hydrocarbons		m3	500	#N/A	\$11.96	\$5,978		\$0	\$5,978
Metals		m3	2000	#N/A	\$9.49	\$18,989		\$0	\$18,989
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
CONTAMINATED SOIL VERY LOW PERMEABILITY COVER									
Supply geomembrane, HDPE, ES3, GCL		m2		#N/A	\$0.00	\$0		\$0	\$0
Upper and lower bedding layers		m3		#N/A	\$0.00	\$0		\$0	\$0
Install geomembrane, HDPE, ES3, GCL		m2		#N/A	\$0.00	\$0		\$0	\$0
Erosion protection layer		m3		#N/A	\$0.00	\$0		\$0	\$0
Vegetate		m2		#N/A	\$0.00	\$0		\$0	\$0
Install infiltration/seepage instrumentation		allow		#N/A	\$0.00	\$0		\$0	\$0
Other				#N/A	\$0.00	\$0		\$0	\$0
OTHER									
				#N/A	\$0.00	\$0		\$0	\$0
					Total	\$140,887		\$82,800	\$58,087
					% of Total			59%	41%

Phase I

- Rehabilitation of contaminated soils, if applicable.

Building / Equip Name:	Infrastructure	Bldg / Equip #:		1					
ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
DISPOSE MOBILE EQUIPMENT									
Decontaminate and ship off-site		allow		#N/A	\$0.00	\$0		\$0	\$0
Decontaminate and dispose on-site		allow		#N/A	\$0.00	\$0		\$0	\$0
Other				#N/A	\$0.00	\$0		\$0	\$0
REMOVE BUILDINGS - see note below									
Accommodation Complex		m2		#N/A	\$0.00	\$0		\$0	\$0
Process Facilities		m2		#N/A	\$0.00	\$0		\$0	\$0
Offices, Repair, Lab, Warehouse		m2		#N/A	\$0.00	\$0		\$0	\$0
Storage Facilities		m2		#N/A	\$0.00	\$0		\$0	\$0
Water and Wastewater Treatment Facilities		m2		#N/A	\$0.00	\$0		\$0	\$0
U/G Heating Plant		m2		#N/A	\$0.00	\$0		\$0	\$0
Emulsion Plant		m2		#N/A	\$0.00	\$0		\$0	\$0
AN Storage Facility		No.	3	#N/A	\$4,416	\$13,248	100%	\$13,248	\$0
Warehouse, Shops and Other		m2		#N/A	\$0.00	\$0		\$0	\$0
Storage Facility at Laydown/Airstrip		m2		#N/A	\$0.00	\$0		\$0	\$0
Fuel tanks		m2		#N/A	\$0.00	\$0		\$0	\$0
Fuel Tanks		m2		#N/A	\$0.00	\$0		\$0	\$0
Freshwater intake		m2		#N/A	\$0.00	\$0		\$0	\$0
Reclaim pumps		m2		#N/A	\$0.00	\$0		\$0	\$0
Outfall & Diffuser		m2		#N/A	\$0.00	\$0		\$0	\$0
Airstrip lighting, navigation, electrician		mandays		#N/A	\$0.00	\$0		\$0	\$0
Airstrip lighting, navigation, mechanical		mandays		#N/A	\$0.00	\$0		\$0	\$0
Break foundation slabs	total of all buildings	m2		#N/A	\$0.00	\$0		\$0	\$0
Consolidate & dump boneyard debris		m3		#N/A	\$0.00	\$0		\$0	\$0
Other				#N/A	\$0.00	\$0		\$0	\$0
LANDFILL FOR DEMOLITION WASTE									
Place rock cover	Blast rock fill	m3		#N/A	\$0.00	\$0		\$0	\$0
Place soil cover	Soil Cap - Landfill and Septic Field	m3		#N/A	\$0.00	\$0		\$0	\$0
Vegetate		ha		#N/A	\$0.00	\$0		\$0	\$0
GRADE AND CONTOUR MILL & PLANT SITE									
Equipment Removal		tonne	225	#N/A	745.20	\$167,670	100%	\$167,670	\$0
Concentrator Building Demolition		tonne	450	#N/A	1043.28	\$469,476	100%	\$469,476	\$0
Paste Plant Demolition		tonne	121	#N/A	1043.28	\$126,237	100%	\$126,237	\$0
DMS Plant Demolition		tonne	167	#N/A	1043.28	\$174,228	100%	\$174,228	\$0
Other Demolition		tonne	100	#N/A	1043.28	\$104,328	100%	\$104,328	\$0
Dismantle Cold Storage Shed		tonne	100	#N/A	596.16	\$59,616	100%	\$59,616	\$0
Water Treatment Plant		tonne	200	#N/A	1043.28	\$208,656	100%	\$208,656	\$0
bulk fuel storage		tonne	160	#N/A	1043.28	\$166,925	100%	\$166,925	\$0
Tailings storage building		tonne	150	#N/A	1043.28	\$156,492	100%	\$156,492	\$0
offices/warehouse/accom		tonne	160	#N/A	745.20	\$119,232	100%	\$119,232	\$0
Camp costs during onsite decomm.		Lump\$	399805	#N/A	1.10	\$441,385	100%	\$441,385	\$0
ANFO Plant		No.	3	#N/A	4416.00	\$13,248	100%	\$13,248	\$0
Machine Shop		tonne	100	#N/A	1043.28	\$104,328	100%	\$104,328	\$0
PUNCTURE LINED SUMPS									
Puncture liner and place soil cover		m3		#N/A	\$0.00	\$0		\$0	\$0
RECLAIM ROADS									
Remove culverts		each		#N/A	\$0.00	\$0		\$0	\$0
Remove bridges		each		#N/A	\$0.00	\$0		\$0	\$0
Scarify and install water breaks		ha		#N/A	\$0.00	\$0		\$0	\$0
Scarify airstrip		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				#N/A	\$0.00	\$0		\$0	\$0
SPECIALIZED ITEMS									
Dispose of misc. debris and laydown area refuse				#N/A	\$0.00	\$0		\$0	\$0
					Total	\$2,325,068		\$2,325,068	\$0
					% of Total			100%	0%

Note: Unit costs are based on 3m high, single storey building. Scale larger building areas accordingly. E.g. 10m high building multiply area by 3.3 (10/3)

Process Plant and Onsite Infrastructure

All surface facilities including the Process Plant, Paste Plant, Water Treatment Plant, Administration, Camp, Sewage Treatment Plant and Tank Farm will be reclaimed as follows:

- Evaluate and store for removal by waste type all wastes that do not qualify for disposal in the WRP.
- Dispose of all of the waste types that do not qualify for disposal in the WRP off-site pursuant to regulatory disposal practice.
- Dismantle the qualified equipment and building structure, reduce the material to manageable pieces, and remove them to the WRP.
- Clean concrete and bricks from foundations and walls will be crushed and used as clean backfill material where needed.

For the post closure mine water management and monitoring, the mine water treatment section of the WTP will remain along with reduced camp facilities, fuel storage and warehouse facilities.

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
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
DECOMMISSION 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
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
Concrete plug deep pipes		m3		#N/A	\$0.00	\$0
Other				#N/A	\$0.00	\$0
GROUNDWATER COLLECTION SYSTEM						
Excavate/install sumps		m3		#N/A	\$0.00	\$0
Install pumping wells		m3		#N/A	\$0.00	\$0
Install pumps/pipelines/power supply		LS		#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 PASSIVE TREATMENT SYSTEM (e.g. Constructed Wetland)						
Construct access roads		km		#N/A	\$0.00	\$0
Install HDPE piping system from collection pond		m		#N/A	\$0.00	\$0
Inter-cell flow structures		allow		#N/A	\$0.00	\$0
Install liners		m2		#N/A	\$0.00	\$0
Install growth media		m3		#N/A	\$0.00	\$0
Wetland vegetation		ha		#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
SHORT TERM WATER TREATMENT*						
Annual water treatment cost, from "Water Treatment"						\$32,400
Total						\$32,400

*Note: include water treatment cost from "Water Treatment" worksheet if treatment is considered short term and is not include

Water Treatment

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
ADDITION OF REAGENTS						
H2O2		kg		#N/A	\$0.00	\$0
lime		kg	6000	#N/A	\$0.20	\$1,200
ferric sulphate		kg		#N/A	\$0.00	\$0
ferrous sulphate		kg		#N/A	\$0.00	\$0
flocculents		kg		#N/A	\$0.00	\$0
Other				#N/A	\$0.00	\$0
LABOUR AND SUPPLIES						
Annual fuel		litres		#N/A	\$0.00	\$0
Annual power		kW-h		#N/A	\$0.00	\$0
2 yrs of water mgmt/treatment activities		allow		#N/A	\$0.00	\$0
Equipment maintenance and parts		allow		#N/A	\$0.00	\$0
Misc. supplies, hoses, tools		allow		#N/A	\$0.00	\$0
Communications		allow		#N/A	\$0.00	\$0
Other				#N/A	\$0.00	\$0
WATER SAMPLING AND ANALYSES						
Sampling equipment		allow		#N/A	\$0.00	\$0
Analyses		allow		#N/A	\$0.00	\$0
Shipping to laboratory		allow		#N/A	\$0.00	\$0
Water licence sampling & reporting		allow	1	#N/A	\$15,000.00	\$15,000
Initial iste assessment (list here to avoid x 3)				#N/A	\$0.00	\$0
SITE ACCESS						
Road maintenance (incl. snow removal)		allow		#N/A	\$0.00	\$0
Winter road tariff		allow		#N/A	\$0.00	\$0
Truck rental		allow		#N/A	\$0.00	\$0
Air support		allow		#N/A	\$0.00	\$0
					Annual water treatment costs	\$16,200
Number of years of water treatment		years	2			Total \$32,400

Note: Short term water treatment is intended to be included in "Water Management", whereas long term, c "Post-Closure Monitoring and Maintenance"

Post-Closure Pump & Treat Contingency

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
WATER TREATMENT PLANT OPERATIONS						
Lime		tonne	176	#N/A	\$441.60	\$77,722
Lime Treatment Plant - Power		m3	1100000	#N/A	\$0.21	\$230,736
Pumping - Power		kWh	630720	#N/A	\$0.35	\$217,598
Operating labour		m-h	59072.8	#N/A	\$55.20	\$3,260,819
Camp ops - power		kWh		#N/A	\$0.00	\$0
Camp ops - Phase 2		m-d		#N/A	\$0.00	\$0
Transport on site		each		#N/A	\$0.00	\$0
Wildlife Effects Monitoring Program (WEMP)		each		#N/A	\$0.00	\$0
Vegetation Monitoring		each		#N/A	\$0.00	\$0
Other				#N/A	\$0.00	\$0
COVER MAINTENANCE						
Repair erosion - infill gullies		allow		#N/A	\$0.00	\$0
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				#N/A	\$0.00	\$0
SPILLWAY MAINTENANCE						
Repair erosion		m3		#N/A	\$0.00	\$0
Clear spillway		each		#N/A	\$0.00	\$0
CWTS MAINTENANCE						
Maintain flow, restore vegetation		allow		#N/A	\$0.00	\$0
POST-CLOSURE WATER TREATMENT**						
Annual water treatment cost, from "Water Treatment"						\$0
Subtotal, Annual post-closure costs						\$3,786,875
Discount rate for calculation of net present value of post-closure cost, %				3.00%		
Number of years of post-closure activity				9 years		
Present Value of payment stream						\$3,786,875

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

Include water treatment cost from "Water Treatment" worksheet if treatment is considered long term, such as ARD/ML.

Breakdown of the Project into Specific Reclamation Components

Phase II - The operation of the contingency water management and monitoring facilities for an estimated period of 6 years, if required, at which time it has been estimated that no further treatment will be required.

Post-Closure Monitoring & Maintenance

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
MONITORING & INSPECTIONS						
Annual geotechnical inspection		each		#N/A	\$0.00	\$0
Survey inspection		each		#N/A	\$0.00	\$0
Regulatory costs*		each	1	#N/A	\$141,312	\$141,312
Ground water sampling		day	41	#N/A	\$4,372	\$179,245
Camp ops - power		kWh	788400	#N/A	\$0.34	\$269,822
Camp ops - Phase 2		m-d	6570	#N/A	\$149.04	\$979,193
Transport on site		each	41	#N/A	\$1,104.00	\$45,264
Wildlife Effects Monitoring Program (WEMP)		each		#N/A	\$0.00	\$0
Vegetation Monitoring		each		#N/A	\$0.00	\$0
Other				#N/A	\$0.00	\$0
COVER MAINTENANCE						
Repair erosion - infill gullies		allow		#N/A	\$0.00	\$0
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				#N/A	\$0.00	\$0
SPILLWAY MAINTENANCE						
Repair erosion			m3	#N/A	\$0.00	\$0
Clear spillway			each	#N/A	\$0.00	\$0
CWTS MAINTENANCE						
Maintain flow, restore vegetation		allow		#N/A	\$0.00	\$0
POST-CLOSURE WATER TREATMENT**						
Annual water treatment cost, from "Water Treatment"						\$0
Subtotal, Annual post-closure costs						\$1,614,836
Discount rate for calculation of net present value of post-closure cost, %				3.00%		
Number of years of post-closure activity				9 years		
Present Value of payment stream						\$1,614,836

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

Include water treatment cost from "Water Treatment" worksheet if treatment is considered long term, such as A

Monitoring, Maintenance and Reporting Program

Provision has been made in the Closure Cost Estimate to operate the previously described contingency minewater pumping/treatment system for 6 years after the water level in the mine area has rebounded to the 865 m level. During this period, the monitoring work described below will be done by the operating staff.

Post-closure monitoring will include inspection of mine access barricades, the WRP cover and runoff controls, observation of reclaimed surfaces for erosion, natural revegetation progress and the collection of water samples. Samples will be collected from Harrison Creek and Prairie Creek, and a limited number of groundwater wells. Three locations on Harrison Creek (one upstream and two downstream), three locations on Prairie Creek (one upstream and two downstream) are envisaged. The number and location of groundwater wells to be included will be determined during operation.

For the first 3 years after closure and reclamation, monitoring and inspections will occur monthly over the period March to November. In the following 5 years, monitoring and inspections will occur once a year in July (post-freshet). The intent of monitoring is to track the revegetation and stabilization of surfaces, and confirm that water quality is as expected.

Interim Care and Maintenance

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost		
				Code	Unit Cost	Cost
INTERIM CARE & MAINTENANCE						
on-site caretaker (2 people x 6 months)		manmonths	12	#N/A	12576.00	\$150,912
extra personnel		manmonths		#N/A	0.00	\$0
-electrician		days	1	#N/A	3643.20	\$3,643
-mechanic		days	1	#N/A	3643.20	\$3,643
annual fuel		litre	50000	#N/A	2.54	\$126,937
misc. 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	1	#N/A	3311.41	\$3,311
communications		allow	1	#N/A	27600.00	\$27,600
SNP/AEMP water sampling & reporting		each		#N/A	0.00	\$0
Water licence sampling & reporting		each	1	#N/A	165570.52	\$165,571
geotechnical assessment		each	1	#N/A	11038.03	\$11,038
interim water treatment			1	#N/A	27600.00	\$27,600
other		each		#N/A	0.00	\$0
air support		flights	24	#N/A	2759.51	\$66,228
WTP reagents		each	1	#N/A	27595.09	\$27,595
Annual Interim C&M Cost						\$614,079
Number of years of ICM		years	2		Total	\$1,228,157

Definition of Temporary Mine Closure

Temporary mine closure is when the mine ceases operations with the intent to resume mining activities in the future. Temporary closures can last for periods of weeks, or for several years, based on economical, environmental, political or social factors.

Temporary Closure and Reclamation Plan

Temporary Closure Objectives

The Temporary Closure of the Underground Mine is guided by the following objectives:

- To minimize operating and maintenance problems associated with the restart
- To prevent flooding of the underground workings
- To maintain water management structures and continue water treatment and water monitoring
- To ensure safety of humans and/or wildlife (by preventing access to min openings)

Temporary Closure of the Process Plant is guided by the following objectives:

- To minimize operating and maintenance problems associated with the restart
- To eliminate freeze damage to equipment and piping
- To eliminate reagent spills
- To facilitate an orderly transition from Temporary Closure to permanent Closure should an election be made permanently close the mine

The Temporary Closure of the mine site infrastructure is guided by the following objectives:

- To put those mine site infrastructure components that are not required to be operated during Temporary Closure in a condition whereby they do not pose a potential restart, safety or environmental concern and are able to be monitored effectively

Temporary Closure Activities

Waste Rock Pile

Activities planned for the Waste Rock Pile during temporary mine closures include continued collection and management of seepage, maintenance of diversion ditches, and monitoring.

Underground

- Conduct the backfilling of mined areas with available fill material
- Examine Open faces to decide whether temporary support is necessary
- Ensure that all areas where there are water flows have systems to drain these flows to the sumps at water pumping stations
- Monitor the operation of underground pumps and key sumps to provide data on water level
- Ensure all explosives and detonators are removed from temporary storage areas and placed in the secure magazines on surface.
- Remove all mobile, electrical and other equipment, not required during the shut down, to surface or other safe area
- Review ventilation requirements to assess what reductions can be implemented
- Install temporary plugs, fences, berms, etc. to prevent access to portals and any ventilation openings

Process Plant

- All process equipment, tanks and piping will be emptied to prevent problems on restart
- Process water will be sent to the Water Storage Pond

Interim Care and Maintenance

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
<p>- All ore in surface stockpiles and the fine ore bin ore will be processed through the Process Plant prior to Temporary Closure</p> <p>- All concentrates within the processing circuit will be filtered, bagged and storage in the Concentrate Storage Shed</p> <p>- For extended Temporary Closures, the ball mill will be jacked up off its trunnion bearings</p> <p>- Reagents removed or safely stored</p>						
<p><u>Water Storage Pond</u></p> <p>The WSP will continue to receive water mainly from underground and the Waste Rock Pile. The Process Plant will not be producing Process Water. The WSP will be kept in balance by seasonally sending water to the Water Treatment Plant.</p>						
<p><u>Water Treatment Plant</u></p> <p>The mill process water circuit in the WTP will be shut down in a scheduled manner in order that all liquid reagent mixing and storage tanks will be emptied. All reagent distribution lines will be blown down with compressed air to prevent freeze damage. All isolation valves at the acid storage tank will be closed and all acid lines between the acid storage tank and the Water Treatment Plant will be drained.</p> <p>The mine water circuit in the WTP will remain at full operational status and will be operated seasonally as required to maintain the Water Storage Pond water level within the prescribed range.</p>						
<p><u>Onsite Infrastructure</u></p> <p>All facilities of onsite infrastructure that are not required to operate and manage the site during Temporary Closure will be taken off line in a manner that they do not require day-to-day operation but only periodic monitoring.</p> <p>The Sewage Treatment Plant and the incinerator will be kept operational to support camp activities during Temporary Closure.</p>						
<p><u>Offsite Infrastructure</u></p> <p>Offsite infrastructure includes the Winter Road, the Tetcela Transfer Facility (TTF) and the Liard Transfer Facility (LTF)</p> <p>- During mine operations, the TTF is operated seasonally during the winter, and is closed for the remainder of the year. The TTF is an interim bagged concentrate storage facility that is emptied during January - March of each year. Therefore, no additional measures are required for the TTF for Temporary Closure of the mine.</p> <p>- The LTF is a "concentrate storage/operating supplies staging" facility designed to facilitate the simultaneous flow of lead/zinc/silver concentrates from the mine and the flow of the annual operating supplies back to the mine. This facility will also be closed during Temporary Closure of the mine after all bagged concentrates have been shipped out. All supplies and materials will have been removed from the site and the fuel tank, sewage tank and waste bin will be emptied.</p> <p>- No temporary Closure activities are contemplated for the Winter Road.</p>						
<p>Temporary Closure Management and Accountability Structure</p> <p>During Temporary Closure, at least 3 staff will remain on-site to maintain systems and continue monitoring. The site management and reporting function will revert to CZN's executive offices, as at present during the existing Care and Maintenance period.</p>						
<p>Temporary Closure Monitoring, Maintenance and Reporting Program</p> <p>All statutory monitoring and reporting programs will continue during the temporary closure period. Maintenance and inspections will be undertaken, as necessary, to allow rapid re-start. WCB safety requirements will apply.</p>						
<p>Temporary Closure Contingency Plan</p> <p>The Temporary Closure contingency plan will include continuation of collection and treatment of contaminated waters, maintenance of surface water management structures, and general care and maintenance of the site.</p>						
<p>Temporary Closure Schedule</p> <p>The orderly shutdown of the mining and milling complex and the onsite infrastructure as described herein will be completed within a one week period with the exception of the time required to ship the residual concentrate from the LTF.</p>						
<p>Temporary Closure Costs</p> <p>Annual operating costs during Temporary Closure are estimated at \$920,000 per year assuming the same pumping rate as for Phase 2, minewater treatment of 200,000 m3 per year, mine site staffing of three and a 30%</p>						

Mobilization/Demobilization: All equipment is on site

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. SUPPLIES						
Fuel		litre	150000	#N/A	2.54	\$380,880
Cement and lime		tonnes	52	#N/A	552	\$28,704
Minor tools and equipment		allow		#N/A	0	\$0
Truck tires		allow		#N/A	0	\$0
Other				#N/A	0	\$0
MOBILIZE CAMP						
Reclamation activities		allow		#N/A	0	\$0
Long term reclamation activities (eg pump flooding)		allow		#N/A	0	\$0
MOBILIZE WORKERS						
Reclamation activities - transport		flights	48	#N/A	2500	\$120,000
Reclamation activities - travel time		manhours		#N/A	0	\$0
Long term reclamation activities (eg pump flooding) - transport		each		#N/A	0	\$0
Long term reclamation activities (eg pump flooding) - travel time		each		#N/A	0	\$0
Monitoring Airfare		each		#N/A	0	\$0
WORKER ACCOMODATIONS						
Reclamation activities		manmonths		#N/A	0	\$0
Long term reclamation activities (eg pump flooding)		manmonths		#N/A	0	\$0
MOBILIZE FUEL						
Fuel freight - reclamation activities		litre		#N/A	0	\$0
Fuel freight - long term reclamation activities		litre		#N/A	0	\$0
Fuel freight accomodations		litre		#N/A	0	\$0
WINTER ROAD						
Construction and operation 2 year		km		#N/A	0	\$0
Board increment		allow		#N/A	0	\$0
Winter road tarriff		km		#N/A	0	\$0
DEMOBILIZE HEAVY EQUIPMENT						
Excavators		km		#N/A	0	\$0
Dump trucks		km		#N/A	0	\$0
Dozers		km		#N/A	0	\$0
Demolition shears		km		#N/A	0	\$0
Crane		km		#N/A	0	\$0
Loader		km		#N/A	0	\$0
Compactor		each		#N/A	0	\$0
Light duty vehicles		km		#N/A	0	\$0
Other		km		#N/A	0	\$0
DEMOBILIZE CAMP						
		allow		#N/A	0	\$0
DEMOBILIZE WORKERS						
crew travel time		mandays		#N/A	0	\$0
crew transportation		each		#N/A	0	\$0
WINTER ROAD						
Construction and operation		km		#N/A	0	\$0
Limited winter use		km		#N/A	0	\$0
Winter road tarriff		km		#N/A	0	\$0
Total						\$529,584