

APPENDIX C. SECURITY ESTIMATE

Application Number:	Input Amount	Multiplier	Total
Camp (C1)			
Temporary Structures			
Input the number of tent frames or weatherhaven (3.5m x 4.2m)	0	\$ 200.00	\$ -
Input number of trailers (3.5m x 15.2m)	0	\$ 300.00	\$ -
Input total square metres of other temporary structures (i.e. core shacks)	0	\$ 2.50	\$ -
Fixed Structures			
Input total square metres of fixed structures	0	\$ 25.00	\$ -
Solid Waste			
For non-burnable materials, input # of person days per season	0	\$ 1.00	\$ -
For burnable materials, input # of person days per season	0	\$ 0.50	\$ -
Total C1			\$ -
Regulated / Hazardous Materials (R1)			
Based on site volume			
Explosives: up to 500 kg (~ pallet) dry explosives input 1, if non input 0	0	\$ 500.00	\$ -
Additional Explosives: input total kg >500	0	\$ 0.50	\$ -
Drilling Muds (oil based): enter number of 63 m ³ (or equivalent) containers	0	\$ 1,000.00	\$ -
Used Oil, Lubes and Antifreeze: enter number of pieces of heavy equipment	0	\$ 500.00	\$ -
Other:			
Total R1			\$ -
Hydrocarbon Storage and Transfer (H1)			
Based upon on site volume			
Gasoline and Diesel			
Enter total volume of gasoline & diesel <25,000 L	0	\$ 0.50	\$ -
Enter total volume of gasoline & diesel >25,000 L	0	\$ 0.25	\$ -
Total Gasoline and Diesel			\$ -
When fuel is within bermed site or has other safety feature, enter 1, otherwise 0	0	25%	
Aviation Fuel			
Enter total volume of aviation fuel <25,000 L	0	\$ 0.50	\$ -
Enter total volume of aviation fuel >25,000 L	0	\$ 0.25	\$ -
Total Aviation Fuel			\$ -
When fuel is within bermed site or has other safety feature, enter 1, otherwise 0	0	25%	\$ -
Total H1			\$ -
Land Disturbance (L1)			
Disturbed Surface Area			
<i>(Developed surface area that may require restoration through the use scarification, reseeding, fertilizing or other similar techniques)</i>			
Enter number of hectares disturbed	0	\$ 1,000.00	\$ -
Other Land Disturbances			
Creek Crossing: enter number of creek crossings	1	\$ 500.00	\$ 500.00
Off-Road Activities: if any activities are likely, enter 1	1	\$ 500.00	\$ 500.00
Sump Factor: enter total area occupied by sumps in m ²	0	\$ 10.00	\$ -
Well Factor: enter number of wells	0	\$ 25,000.00	\$ -
Total L1			\$ 1,000.00

Equipment (E1)				
Based upon type of equipment				
Enter number of pieces of heavy equipment (i.e. dozer, forklift, large gensets)	22	\$	1,000.00	\$ 22,000.00
Enter number of drills	0	\$	1,000.00	\$ -
Enter number of light vehicles (trucks, atvs, snowmobiles, boats)	18	\$	250.00	\$ 4,500.00
Enter number of small generators or pupms	8	\$	100.00	\$ 800.00
Enter number of empty fuel storage tanks	0	\$	500.00	\$ -
Total E1				\$ 27,300.00

Security Calculation				
Preliminary Calculation				
Enter amount from C1		\$		-
Enter amount from R1		\$		-
Enter amount from H1		\$		-
Enter amount from L1		\$		1,000.00
Enter amount from E1		\$		27,300.00
Preliminary Calculation, total of above	A			\$ 28,300.00
Multipliers				
Site Access Multiplier. If the project has all weather road access enter 1, if ice road access enter 1.5, if air access enter 2	B			1.5
Performamnce Multiplier. If applicant has successfully completed the terms of a LUP enter 0.85, other enter 1	C			1.0
Environmemtal Risk Factor. If location has high environmental value or unusual environmental risk enter 2. If location is previously disturbed enter 0.75. Otherwise enter 1.	D			0.75
Calculator Security				
Multiply preliminary calculated (A) by performance multiplier (B, C, and D)	E			\$ 31,837.50
Existing Securities				
List existing associated permits and amount of overlapping security				
Permit:				
Permit:				
Permit:				
Permit:				
Ocverlapping Securities, total of above.	F			\$ -
Final Security Determination				
Subtracting overlapping securities (F) from calculated security (E)				\$ 31,837.50

Comments:	
The field pertaining to 'Creek Crossings' is considered here to address removal of snow fills and ice brides at each portage	