

# Nunavik Abandoned Mineral Exploration Sites Rehabilitation Project

2019-2020 Activity Report

---



May 2020

Kativik Regional Government  
Renewable Resources, Environment, Lands and Parks Department



# PROJECT CONTRIBUTORS

## Project Steering Committee

André Gaumont, *Fonds Restor-Action Nunavik*  
Yves Boutin, *Ministère de l'Énergie et des Ressources naturelles*  
Vincent Boissonneault, *Ministère de l'Énergie et des Ressources naturelles*  
Karine Dallaire, *Ministère de l'Énergie et des Ressources naturelles*  
Jean-Marc Seguin, *Makivik Corporation*  
Glenn Mullan, *Golden Valley Mines*  
Stéphane Twigg, *Canadian Royalties*  
Jean-Marc Lulin, *Azimut Exploration*  
Michael Barrett, *Kativik Regional Government*  
Nancy Dea, *Kativik Regional Government, Consultant*

## Partners

Fonds Restor-Action Nunavik:  
*Abitibi Géophysique Inc.*  
*Association de l'exploration minière du Québec*  
*Association minière du Québec*  
*Agnico Eagle*  
*Alexandria Minerals Corporation*  
*Areva Québec*  
*Canadian Royalties*  
*Dios Exploration*  
*Ditem Exploration Inc.*  
*Eastmain Resources*  
*Explorations Azimut inc.*  
*Everton Resources*  
*Genivar*  
*Hélicoptères Canadiens (les)*  
*Knight Resources Ltd.*  
*Mines Aurizon*  
*Goldcorp Éléonore*

*Mines Virginia Inc*  
*OMX Gold Corporation*  
*Osisko Gold Royalties Ltd.*  
*Pricewaterhouse Coopers*  
*Prospectors & Developers Association of Canada*  
*Ressources Appalaches*  
*Ressources Breakwater*  
*Ressources Cartier*  
*Ressources Majescor inc.*  
*Ressources Metco*  
*Ressources Sirios inc.*  
*Ressources Strateco*  
*Roche Ltd, Consulting Group*  
*Raglan – Xstrata*  
*Sphinx Resources*  
*Stonoway Diamond Corporation*  
*Uranium Star*  
*Société d'exploration minière Vior Inc.*

Ministère de l'Énergie et des Ressources naturelles  
Makivik Corporation  
Kativik Regional Government  
Nunavik Rotors Inc.  
Glencore Canada Corporation  
Canadian Royalties  
Desgagnés Transartctik Inc.  
Air Inuit

# COMMUNITY PARTICIPATION

Northern Village of Kuujjuaq

*Richard Knoxleet*

*Tim Carroll*

*Jimmy Jonas*

*Charlie Kotak*

Northern Village of Kangirsuk

*Zebedee Annahatak*

*Noah Eetok*

Northern Village of Kangiqsualujjuaq

*Mark Baron*

*Alec Annanack*

Northern Village of Aupaluk

*Billy Augiak*

*Willie Angutinguak*

## ACKNOWLEDGMENTS

The Kativik Regional Government (KRG) would like to formally acknowledge all of the Nunavik communities involved in the rehabilitation of abandoned mineral exploration sites in 2019:

- The community of Kuujjuaq contributed to the project again this year during the cleanup at the Jordon Lake sites and the preparation of material for transportation from their village.
- The community of Aupaluk participated this year during inspections of newly identified sites near their community.
- The community of Kangirsuk contributed to the project this year during the preparation of material for transportation from their village and helping locate newly identified sites near Kangirsuk.
- The community of Kangiqsualujjuaq should be thanked for their participation during the removal of material stored at Weymouth airstrip, the preparation of material for transportation from their village and for assisting in locating newly identified sites near their village.

Mining companies currently active in Nunavik, especially Canadian Royalties and Glencore Canada Corporation, should furthermore be recognized for their continued support and their own cleanup initiatives on sites located on or near their claims.

The KRG would like to thank Nunavik Rotors and their pilots for the continued professionalism and expertise throughout the transportation of material and employees during fieldwork and inspections.

Lastly, the KRG would like to underline the continued financial and technical support it receives from the Makivik Corporation, the Ministère de l'Énergie et des Ressources naturelles (Energy and Natural Resources, MERN) and the Fonds Restor-Action Nunavik.

# Table of Contents

<b>1</b>	<b>INTRODUCTION</b> .....	<b>1</b>
<b>2</b>	<b>CONTRIBUTION AGREEMENT</b> .....	<b>3</b>
<b>3</b>	<b>SUMMARY OF REHABILITATION ACTIVITIES (2005-2019)</b> .....	<b>3</b>
3.1	<i>SITES REQUIRING MAJOR CLEANUP</i> .....	3
3.2	<i>SITES REQUIRING INTERMEDIATE CLEANUP</i> .....	4
3.3	<i>SITES REQUIRING MINOR CLEANUP</i> .....	4
3.4	<i>NEWLY IDENTIFIED SITES</i> .....	4
<b>4</b>	<b>NEWLY IDENTIFIED SITES</b> .....	<b>9</b>
<b>5</b>	<b>GENERAL RESPONSE PLAN, 2019-2022</b> .....	<b>12</b>
<b>6</b>	<b>DESCRIPTION OF 2019-2020 REHABILITATION WORK</b> .....	<b>14</b>
6.1	<i>DESCRIPTION OF REHABILITATION ACTIVITIES</i> .....	14
	<i>Kuujuuaq/Tasiujaq Sector</i> .....	14
	<i>Kangirsuk Sector</i> .....	14
	<i>Kangiqualujuaq Sector</i> .....	15
	<i>Kangiujuaq/Salluit Sector</i> .....	15
6.2	<i>2019-2020 EXPENDITURES</i> .....	15
<b>7</b>	<b>DESCRIPTION OF 2020-2021 REHABILITATION WORK</b> .....	<b>16</b>
	<i>Kuujuuaq/Tasiujaq Sector</i> .....	16
	<i>Kangirsuk Sector</i> .....	16
	<i>Kangiqualujuaq Sector</i> .....	17
7.1	<i>PROJECTED BUDGET FOR 2020-2021</i> .....	18
<b>8</b>	<b>CONCLUSION</b> .....	<b>19</b>

## List of Tables

Table 1	Quantities of Waste Removed from Abandoned Mineral Exploration Sites Classified as Requiring Major Cleanup Work, 2005-2017 .....	5
Table 2	Quantities of Waste Removed from Abandoned Mineral Exploration Sites Classified as Requiring Intermediate Cleanup Work, 2006-2017 .....	6
Table 3	Quantities of Waste Removed from Abandoned Mineral Exploration Sites Classified as Requiring Minor Cleanup Work, 2016-2017.....	7
Table 4	Quantities of Waste Removed from Abandoned Mineral Exploration Sites Classified as Newly Identified, 2017-2019.....	8
Table 5	Description of Newly Identified abandoned Mineral Exploration Sites in..... Nunavik.....	10
Table 6	Tentative Work Schedule for 2019-2022 Cleanup Activities by the KRG .....	13
Table 7	Estimated Yearly Budget for 2020-2022 Cleanup Activities.....	13
Table 8	2019-2020 Expenditures.....	16
Table 9	Projected Budget for 2020-2021 .....	18

## Appendices

Appendix 1	Status of All Abandoned Mineral Exploration Sites Requiring Major, Intermediate & Minor Cleanup Work in Nunavik	
Appendix 2	Photographs of Sites on Which Rehabilitation Work was Undertaken in 2019-2020	
Appendix 3	Photographs of Sites on Which Rehabilitation Work will be Undertaken in 2020-2021	

# 1 INTRODUCTION

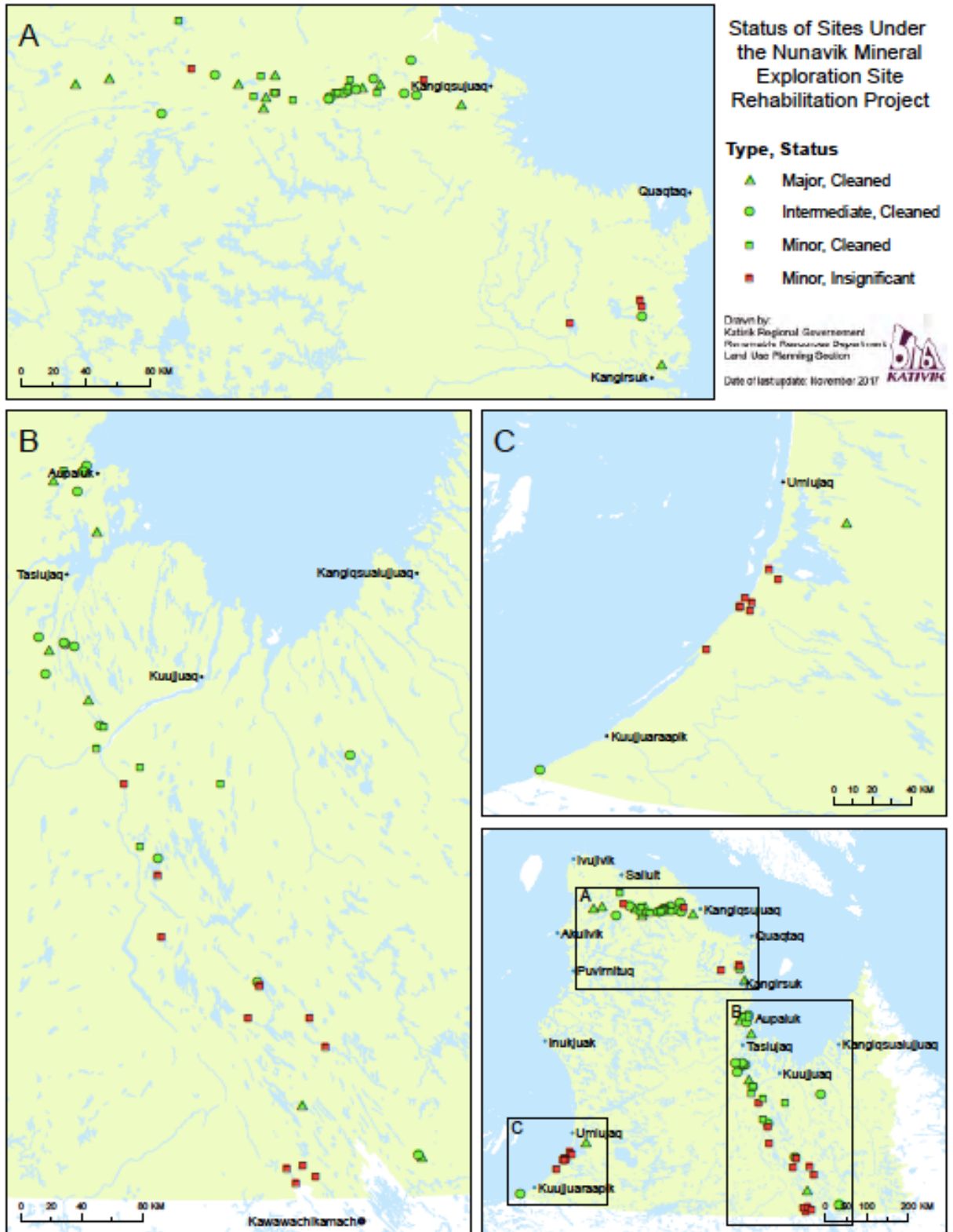
In 2001 and 2002, a verification of 193 possible abandoned mineral exploration sites was performed in the region of Nunavik, of which 90 were confirmed as such. In order to assist in the rehabilitation of abandoned mineral exploration sites in Nunavik, dating as far back as several decades, the mining industry recognized the need for action and in 2007, created the Fonds Restor-Action Nunavik (FRAN). In 2007, the KRG, Makivik Corporation, the MERN and the FRAN signed a formal contribution agreement that made it possible to move forward with rehabilitation activities. Since then, the agreement and its partners' commitment has been successful in realizing the complete restoration of the original 90 sites.

In August 2018, an addendum to the agreement was signed by the four partners allowing for work to continue until March 2022. The focus during this current timeframe is the rehabilitation of newly identified abandoned mineral exploration sites in the region, as deemed necessary by the project's Steering Committee. Consequently, a new General Response Plan (2019-2022) was prepared to reflect the reality of this new work.

In 2019-2020, cleanup work continued in the Nunavik region and the following report describes the rehabilitation activities carried out on site Jordon Lake-2 as well as the work undertaken in the villages of Kuujjuaq, Kangirsuk and Kanagiqsualujjuaq. The report also includes details regarding training attended by the Project Coordinator and Field Technician, as well the inspections undertaken in collaboration with the MERN on newly identified sites.

It is important to note that rehabilitation work, spanning fourteen years, continues to be undertaken in collaboration with various Inuit communities in Nunavik, the Naskapi Nation of Kawawachikamach, the Innu Nation of Matimekush Lac-John, various active mining companies in the region and other northern organizations. A map indicating the location and rehabilitation status of the original 90 abandoned mineral exploration sites in Nunavik can be found below.

**MAP 1**      *Location and Status of the Original 90 Abandoned Mineral Exploration Sites in Nunavik*



## **2 CONTRIBUTION AGREEMENT**

In August 2018, the agreement concerning the cleanup of abandoned mineral exploration sites in Nunavik, originally signed in 2007, was addended by the 4 signatories allowing for rehabilitation activities to be extended until March 31, 2022. The funding provided for in this agreement has been, and continues to be used, to carry out the rehabilitation of sites requiring major, intermediate and minor cleanup. The project's Steering Committee decided the newly identified sites would be rehabilitated under the agreement on a case by case basis. The cost of the cleanup work in 2019-2020 was estimated at three hundred and twenty-three thousand, one hundred and fifty (\$323,150\$) dollars.

As per the agreement, the KRG is responsible for the management and logistics of the cleanup work carried out on all sites covered under the contribution agreement. The KRG is also responsible for drafting a timetable and anticipated budget for each year of work and for ensuring that the concerned Inuit and Naskapi communities are adequately informed of the cleanup being performed.

The Makivik Corporation contributes to the project by way of in-kind contribution in the form of marine and air transportation services for materials and labour to a maximum of two hundred thousand dollars (\$200,000).

The FRAN has participated through financial and in-kind contributions totalling one million, five-hundred thousand dollars (\$1.5 M). Although it has reached its maximum financial contribution, FRAN continues to provide technical support and is an important contributor to the extension of the project.

The MERN provides a vital financial contribution, covering the entire lifespan of the project, of which the maximum is four million, one hundred thousand dollars (\$4.1 M).

## **3 SUMMARY OF REHABILITATION ACTIVITIES (2005-2019)**

In January 2012, a report was published that provides, in greater detail, the history of this project and summarizes the rehabilitation work undertaken on a number of abandoned mineral exploration sites in Nunavik over a seven-year period, from 2005-2011 (KRG, 2012a). This report is available for download at <http://osiskogr.com/en/fonds-restor-action-nunavik-2/reports>.

### *3.1 Sites Requiring Major Cleanup*

From the 2001-2002 inventory, eighteen (18) sites were confirmed as abandoned mineral exploration sites requiring major cleanup. Rehabilitation activities on these types of sites began in 2005, with a KRG pilot project on two sites, and were completed in 2017, in

partnership with various active mining companies and Cruise North Expeditions. Table 1 provides a summary of the quantities of the waste removed from the sites during this period.

### *3.2 Sites Requiring Intermediate Cleanup*

From the 2001-2002 inventory, forty-five (45) sites were confirmed as abandoned mineral exploration sites requiring intermediate cleanup. From 2006 to 2017 the KRG, initiated and successfully completed their rehabilitation with their various partners. Table 2 provides a summary of the quantities of the waste removed from this category of site during this period.

### *3.3 Sites Requiring Minor Cleanup*

In 2017, the KRG Project Coordinator undertook inspections on the twenty-seven (27) sites previously classified as requiring minor cleanup. These sites contained very little material when compared with the previous two groups. In 2016 and 2017, KRG completed the rehabilitation of four of these sites and confirmed that sixteen others had been rehabilitated by another party. The remaining sites are considered as insignificant and will not be rehabilitated, as decided by the project's Steering Committee. Table 3 provides a summary of the quantities of waste removed from the rehabilitated sites. Quantities for sites that were not rehabilitated were based on the original inventory from 2001-2002.

Finally, a list of all these sites and their rehabilitated status can be found in Appendix 1.

### *3.4 Newly Identified Sites*

Since the beginning of this project, sites not identified and/or verified in the original 2001-2002 inventory have been located throughout the region. The sites are often found by community members who frequent the territory, helicopter or airplane pilots, or KRG staff while undertaking field work related to other projects. To date 38 newly identified sites have been located and Section 4 of this report describes these sites in greater detail. Additionally, Table 4 provides a summary of the quantities of waste removed from the newly identified sites since 2018.

Currently over 120 sites have been established as abandoned mineral exploration sites in Nunavik since the beginning of the rehabilitation project in 2005.

Table 1 Quantities of Waste Removed from Abandoned Mineral Exploration Sites Classified as Requiring Major Cleanup Work, 2005-2017

Sector/ Site	Buildings burned or demolished (no.)	Equipment (no.)	Propane tanks (no.)	Reservoirs (no.)	Barrels (no.)	Diesel or other fuel (L)	Motor oil (L)	Grease	Other hazardous material	Transformers (T) or batteries (B) (no.)	Pipes, core trays, wood (m <sup>3</sup> )	Debris (m <sup>3</sup> )
<b>Kawawachikamach</b>												
KAW-35	19	1 muskeg + various	0	5	1000	4000	0	0	Acid, solvents, paint, oil filters, extinguishers	15 B	500+	200+
KAW-45	5	0	0	0	12	30	0	0	Naptha	0	15+	5+
<b>Tasiujaq</b>												
PJ-1	3 + 5 platforms	30	80	10	403	5100	54	5 kg	Paint, antifreeze, extinguishers	2 T 20 B	150+	200+
TQ-1	0	1 snowmobile	6	0	30	500	0	0	0	1 B	20+	40+
TQ-4	2	1 drill	8	0	156	200	0	0	0	0	10+	10+
<b>Aupaluk</b>												
PJ-10	1 platform	0	15	1	74	1400	280	40 L	0	1 B	50+	25+
PJ-17	11	11	40	0	285	500	2000	1 pail	0	1 T; 6 B	75+	100+
<b>Kangirsuk</b>												
TW	2 platforms	1 pipe threader	11	0	83	1230	0	110 L 2 kg	0	0	30+	20+
<b>Kangisujuaq</b>												
K-28	1 tent	1 motor	15	2	70	2000	0	0	CaCl <sub>2</sub>	0	30+	25+
K-61	12	11	18	1	3600	5000	2	900 L	Acid, paint	5 B	150+	75+
WB-3	0	0	1	0	85	675	0	0	0	0	20+	5+
<b>Salluit</b>												
KV-1	0	0	0	0	50	0	0	0	0	0	30+	30+
SAL-1	6	0	15	0	336	1000	27	0	0	4 B	50+	10+
SW-27	0	1 small tractor + various	0	0	115	1000	15	11 pails	0	0	100 +	50+
SW-34	1 platform	0	42	0	1500	1000	0	0	Acid, powder, oil filters	20 B	50+	70+
SW-42	1	0	0	0	45	1000	12	0	0	0	10+	10+
WB-9	11	0	10	3	82	1300	10	0	fire extinguishers, cleaners, tar	1 B	100+	100+
<b>Umiujaq</b>												
WHA-1	9	0	0	0	28	280	0	0	Cleaners	0	50+	5+
<b>TOTAL</b>	<b>80 (+9 platforms)</b>	<b>58 (+)</b>	<b>261</b>	<b>22</b>	<b>7 954</b>	<b>26 215</b>	<b>2 400</b>	<b>&gt;1 275 L</b>	<b>-</b>	<b>3 T; 73 B</b>	<b>1 440+</b>	<b>980+</b>

Table 2

*Quantities of Waste Removed from Abandoned Mineral Exploration Sites  
Classified as Requiring Intermediate Cleanup Work, 2006-2017*

<i>Sector/ Site</i>	<i>Equipment</i>	<i>Propane tanks (no.)</i>	<i>Barrels (no.)</i>	<i>Diesel or other fuel (L)</i>	<i>Other hazardous material</i>	<i>Batteries (no.)</i>	<i>Debris</i>
<i>Kawwachikamach</i>							
KAW-36			40	400			Wooden platform, plastic core trays, drilling pipes, old dumpsite, wood and metal debris
KAW-119			11				2 wooden platforms
KAW-59			3	100			4 wooden platforms 1 stove, 1 tarp, 1 canoe wood and metal debris
<i>Kuujuaq</i>							
Gerido Lake		4	300	8 600			1 plastic reservoir 1 boat
P-24F		30 (small)	60	200			Wood and metal debris 2 stoves and pipes small dump site aluminium core trays
<i>Tasiujaq</i>							
TA-1		2	9				Wood debris Small dumpsite
TA-2			18				Aluminium core trays
TQ-6		2	10				3 stoves and pipes drilling pipes wood and metal debris small dumpsite cables and wires
TQ-10			1				3 large bladder 2 motors, tools metal debris
TQ-14		5	11			3	Drill rods, hoses
VP-11			20				Wooden debris from 3 collapsed buildings
<i>Aupaluk</i>							
G-24O4-3		4	50				Bed frames, tent poles, dumpsite
PJ-17 A		5	64			3	
PJ-19			63				
<i>Kangirsuk</i>							
QC-3		0	22				Small debris, 20 drill rods
<i>Kangisujuaq</i>							
I-32		1	30	820			1 dumpsite
K-27			20				Wood, wiring, piping
K-37	1 water heater		14				
K-49	1 plane	14	45				1 stove, piping, wood, wood and metal debris
KAN-1	1 helicopter		12	820		1	Helicopter debris (metal)
KAN-2	2 tripods, 1 drill, 1 motor, 1 winch				CaCl <sub>2</sub>		50 pipes
KAN-4			75				
KAN-6							INUIT CAMP
KAN-7	muskeg	18	75				2 oxygen tanks, metal, wood
KAN-10		1	25				Metal and wood, core trays
<i>Salluit</i>							
Parent Lake			4	400			
SW-24		19	52	900	Pail of grease		Boat pieces
<i>Umiujaq/Kuujuarapik</i>							
GW-8			35				Old snowmobile 2 Quatrex bags of debris
<b>TOTAL</b>	<b>9</b>	<b>105</b>	<b>1 022</b>	<b>11 340</b>	<b>-</b>	<b>7</b>	

Table 3 Quantities of Waste Removed from Abandoned Mineral Exploration Sites Classified as Requiring Minor Cleanup Work, 2016-2017

Sector/Site	Equipment	Propane tanks (no.)	Barrels (no.)	Diesel or other fuel (L)	Other hazardous material	Batteries (no.)	Debris
<b>Kawawachikamach</b>							
KAW-28			2				Stove, water heater, small dump
<b>Kuujuuaq</b>							
*PD-1			8				
*PD-2			24				5 bed frames, 50 core boxes, stoves & pipes
*KIJ-2				5,000			3 Quatrex bags, 2 water reservoirs
KAW-112			5				2 Quatrex bags, 1 water reservoir
<b>Aupaluk</b>							
PJ-19			13				
<b>Kangiqsuuaq</b>							
I-12			20				
K-36			11				
K-41			13				
KAN-3	Muskeg						
KAN-5		2	61				
KAN-8			60				
KAN-11	Muskeg						
KAN-12			8				
<b>Salluit</b>							
P-35G08-1002A	Fuel tank						Camp debris: stove, sink, pipes, debris
P-35G08-1003			1				Metal debris
SAL-2			4		2 pails grease		
*SW-14		4	24		Machine oil, 2 batteries, fire extinguishers		Water heater, stove, pipes, hoses, camp debris, wood debris
SW-13			8				
<b>TOTAL</b>	<b>3</b>	<b>6</b>	<b>262</b>	<b>5,000</b>	<b>-</b>	<b>0</b>	

\*Cleaned by KRG

Table 4

*Quantities of Waste Removed from Abandoned Mineral Exploration Sites  
Classified as Newly Identified, 2017-2019*

Sector/Site	Equipment	Propane tanks (no.)	Barrels (no.)	Diesel or other fuel (L)	Other hazardous material	Batteries (no.)	Debris
<b>Kawawachikamach</b>							
KAW-01	TO BE COMPLETED*						
<b>Kuujuuaq/Tasiujaq</b>							
Gerido-1	TO BE COMPLETED						
Gerido-2	TO BE COMPLETED						
Gerido-3	TO BE COMPLETED						
Gerido-4	TO BE COMPLETED						
Gerido-5	TO BE COMPLETED						
Gerido-6	TO BE COMPLETED						
KUUJ-1	TO BE COMPLETED						
Jordan Lake-1	generator, winch, muskeg tracks, heater, drill tripod	15	50	300		3	15 tires, hoses, 10 drill rods, 3 Wrangler bags of debris
Jordan Lake-2	Drill, small tractor, generator		10				Drill rods, debris
Jordan Lake-3			16	600			2 tires, hoses, water heater, 90 drill rods, stove and stove pipes
Jordan Lake-4	Small boat		10	1,500			2 drill rods
TAS-1	TO BE COMPLETED*						
<b>Kangiqsualuujuaq</b>							
GR-1			30	400			
GR-2		17 +9 small	40	1,200		3	4 Wrangler bags of debris, fridge, stove, freezer, generator, tools & kitchen supplies
GR-3 (Drill)	TO BE COMPLETED						
GR-3 (Camp)	TO BE COMPLETED						
GR-6	TO BE COMPLETED						
Weymouth	TO BE COMPLETED						
<b>Kangirsuk</b>							
KG-1	Small boat		192	150			Aluminum core trays, 2 rill rods, rusty drums
KG-2		14	70			2	1 wrangler bag with debris
KG-3	TO BE COMPLETED						
KG-4	TO BE COMPLETED*						
KG-5	TO BE COMPLETED*						
KG-6	TO BE COMPLETED*						
KG-7	TO BE COMPLETED*						
KG-8	TO BE COMPLETED*						
KG-9	TO BE COMPLETED						
EG-1	TO BE COMPLETED*						
EG-2	TO BE COMPLETED*						
EG-3	TO BE COMPLETED*						
EG-4	TO BE COMPLETED						
Vincenza Lake		5	105			2	Debris
Watts Lake-1		5	50	750			3 tires
Watts Lake-2			10	900			
Lac Gundeau							
SW-27C		4	33 (small)	150			20 aluminum rods, 2 door frames and 1 window frame, 1 Wrangler bag with debris
SW-27D		14	12	300			4 drums with debris
<b>TOTAL</b>		<b>74</b> <b>+9 small</b>	<b>595</b> <b>+33 small</b>	<b>6,250</b>		<b>10</b>	

\*To be completed by mineral exploration companies informed of their obligations by MERN

## 4 NEWLY IDENTIFIED SITES

Studies of archival documents as well as community consultations undertaken from 1999-2001 estimated a potential 595 possible abandoned mineral explorations sites in Nunavik. Based on budget and logistical constraints, only 193 of these sites were inspected and assessed in 2001 and 2002. It is therefore reasonable to assume that some of the sites not inspected during the preliminary inventory are among the sites newly identified throughout the region in recent years. However, some of these sites are located on more recent claims indicating a new trend of site abandonment.

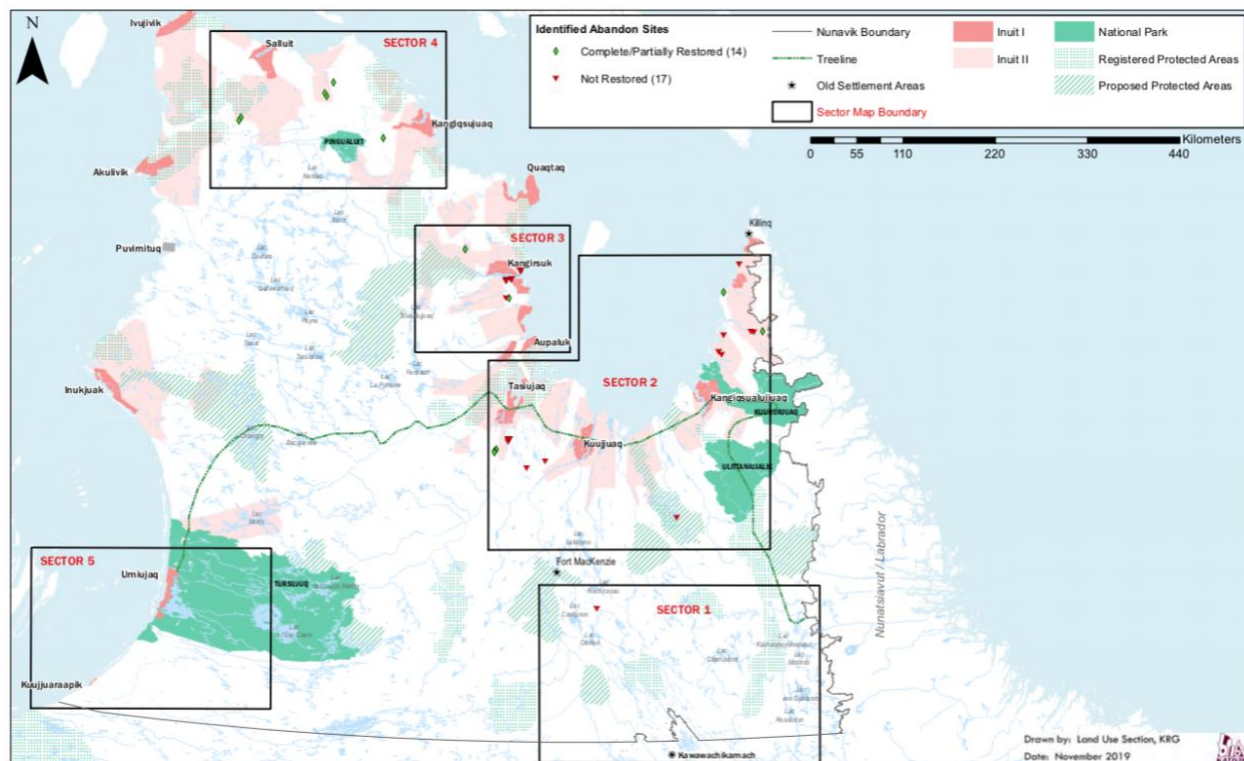
It is therefore important to emphasize that on March 9, 1995, the *Lois sur les mines* (Mining Act) was adopted by the Québec Government. Article 216 of the current Act (June 2018) states that “Within 30 days after the abandonment, revocation or expiry of his right, the holder of a claim shall remove all his property from the parcel of land that was subject to his right”. Furthermore, “Once the time is expired, the property and mineral substances remaining on land of the domain of the State shall, of right, form part of the domain of the State and may be removed by the Minister at the expense of the holder of the mining right”. To this effect the KRG are collaborating with the MERN to inform claim proprietors of their legal obligations.

In order to confirm these newly identified sites are in fact mineral exploration sites and to ascertain their status, the KRG communicates each new location to the MERN. Furthermore, in September 2019, the MERN accompanied the Project Coordinator during inspections at several of these sites in the Kuujuaq, Aupaluk, Kangirsuk and Kangiqsualujuaq sectors. To date, the MERN have confirmed that 24 of the newly identified sites are located on expired claims, 7 are located on active claims and 7 are not associated with any historical claims. In October 2019, the MERN sent a letter to three mining exploration companies (Oceanic Iron Ore, Uranium Star Corporation and Nickel North Exploration) concerning newly identified sites located on recently or soon to be expired claims. The letters informed the companies of their legal obligation to remove materials from these claims and provided contact information for both the MERN and FRAN. In January 2020, a letter was also sent to Ping An Hawking China Opportunity Fund regarding the sites in the Gerido Sector.

In 2018 the Steering Committee made the decision to use the funding provided for under the addended agreement to proceed with rehabilitation activities on newly identified sites on a case by case basis. Details regarding the cleanup work and inspections carried out in 2019-2020 can be found in Section 6 of this report.

Table 5 lists the newly identified abandoned mineral exploration sites found to date and includes their location, connection to mining claims, a brief summary of the materials found on site during inspections and their rehabilitation status (*version May 13, 2020*). Furthermore, the below map indicates the location of these sites in relation to Nunavik communities.

**MAP 2** *Newly Identified Abandoned Mineral Exploration Sites in Nunavik*



**Table 5** *Description of Newly Identified abandoned Mineral Exploration Sites in Nunavik*

SITE	SECTOR	DESCRIPTION	CLAIM OWNER	CLAIM STATUS	EXPIRATION	REHABILITATION STATUS
<b>KAW-01</b>	Kawawachikamach	9 buildings, airstrip, lots of haz mat, dumpsite, 60 drums	Uranium Star Corp.	Expired	2019/09/04	
<b>Gerido-1</b>	Kuujuaq/Tasiujaq	9 drums, scattered debris, generator, hoses	Ping an Hawking China Opportunity Fund I.L.P.	Expired	2019/11/06	
<b>Gerido-2</b>	Kuujuaq/Tasiujaq	Sector 1: 9 drums, debris Sector 2: 16 drums, debris	Ping an Hawking China Opportunity Fund I.L.P.	Expired	2019/11/06	
<b>Gerido-3</b>	Kuujuaq/Tasiujaq	80 drums, dumpsite, collapsed building, platform, debris	Ping an Hawking China Opportunity Fund I.L.P.	Expired	2019/11/06	
<b>Gerido-4</b>	Kuujuaq/Tasiujaq	6 drums, 4 small drums, tire, wood debris	Ping an Hawking China Opportunity Fund I.L.P.	Expired	2019/11/06	
<b>Gerido-5</b>	Kuujuaq/Tasiujaq	93 drums, core trays, drill rods, debris	Ping an Hawking China Opportunity Fund I.L.P.	Expired	2019/11/06	
<b>Gerido-6</b>	Kuujuaq/Tasiujaq	2 drums	Ping an Hawking China Opportunity Fund I.L.P.	Expired	2019/11/06	
<b>KUJ-1</b>	Kuujuaq	7 buildings (3 collapsed), 3 boats, 8 drums	Midland	Active	2021/08/20	
<b>Jordan Lake-1</b>	Kuujuaq/Tasiujaq	Many core trays, 35 drums, 7 propane tanks, muskeg, modern stove, generator, building, debris	Uranor Inc.	Expired	2012/09/29	Partially Complete (Muskeg remaining)
<b>Jordan Lake-2</b>	Kuujuaq/Tasiujaq	Compete drill rig inside shelter, many drill rods,	Uranor Inc.	Expired	2012/09/29	Complete

		small tractor, generator, few drums and debris				
<b>Jordon Lake-3</b>	Kuujuaq/Tasiujaq	2 sectors with 15 drums, 2 water heaters, drill rods, hoses, wood, debris	Uranor Inc.	Expired	2012/09/29	Complete
<b>Jordon Lake-4</b>	Kuujuaq/Tasiujaq	26 drums, small boat	Uranor Inc.	Expired	2012/09/29	Complete
<b>TAS-1</b>	Tasiujaq	7 drums	Nickle North Exploration	Active	2023/03/25	
<b>GR-1</b>	Kangiqualujauq	33 drums	No Historical Claim			Complete
<b>GR-2</b>	Kangiqualujauq	40 drums, 1 wooden structure, 2 platforms, 15 propane tanks, debris	Peter Ferderber	Expired	2012/10/20	Complete
<b>GR-3 (Drill)</b>	Kangiqualujauq	Drill, some debris	Diamond Discoveries Inc.	Expired	2006/12/10	
<b>GR-3 (Camp)</b>	Kangiqualujauq	7 buildings, 5 platforms with tent poles, 45 drums, 7 propane, boat, water tanks, group of 20 drums nearby and dumpsite	Diamond Discoveries Inc.	Expired	2008	
<b>GR-6</b>	Kangiqualujauq	Loader (belongs to NV), 6 drums, PVC pipes, Core boxes	Uranor	Expired	2010/05/22	
<b>Weymouth</b>	Kangiqualujauq	13 buildings, 2 collapsed structures, 85 drums, 10 propane tanks, 4 freezers, bathroom equip, stoves, 3 batteries, haz mat, 2 electrical panels, debris	Uranor	Expired	2010	
<b>KG-1</b>	Kangirsuk	Pile of 120 drums, core trays, old campsite with scattered debris and dumpsite	No Historical Claim			Complete
<b>KG-2</b>	Kangirsuk	1 <sup>st</sup> pile: 37 drums & 14 propane tanks 2 <sup>nd</sup> pile: 32 drums, debris, 10 drums, dump site, 2 batteries	No Historical Claim			Complete
<b>KG-3</b>	Kangirsuk	2 drums, metal box	No Historical Claim			
<b>KG-4</b>	Kangirsuk	6 drums (in lake)	Oceanic Iron Ore	Expired	2023/03/24	
<b>KG-5</b>	Kangirsuk	Old camps with 12 propane, drum and stove	No Historical Claim			
<b>KG-6</b>	Kangirsuk	Old stove, 1 drum	Oceanic Iron Ore	Active	2021/08/19	
<b>KG-7</b>	Kangirsuk	14 drums	Oceanic Iron Ore	Active	2022/07/20	
<b>KG-8</b>	Kangirsuk	10 drums	Société en commandite fer de l'Ungava	Expired	1993/11/19	
<b>KG-9</b>	Kangirsuk	6 drums	Oceanic Iron Ore	Expired	2016/04/18	
<b>EG-1</b>	Kangirsuk	7 drums, tractor	Oceanic Iron Ore	Active	2022/10/20	
<b>EG-2</b>	Kangirsuk	350 drums	Oceanic Iron Ore	Active	2022/10/20	
<b>EG-3</b>	Kangirsuk	Bulldozer, tractor & debris	Oceanic Iron Ore	Expired	2016/07/17	
<b>EG-4</b>	Kangirsuk	3 drums (in lake)	No Historical Claim			
<b>Vincenza Lake</b>	Kangiqualujauq	30 drums (scattered along shore), 2 batteries, 5 propane tanks, dump site, scattered debris	Goldbrook Ventures Inc Exploration minière Jien Nunavik Ltée	Expired	2013/01/15	Completed by Canadian Royalties
<b>Watts Lake-1</b>	Salluit	20-30 drums	Peter Bambic	Expired	2006/07/28	Complete
<b>Watts Lake-2</b>	Salluit	20-30 drums	Peter Bambic	Expired	2006/07/28	Complete
<b>Lac Gundeau</b>	Salluit	75 drums	Goldbrook Ventures Inc Exploration minière Jien Nunavik Ltée	Expired	2012/12/10	Completed by Canadian Royalties
<b>SW-27C</b>	Salluit	15 drums, 4 propane tanks, wooden debris	No Historical Claim			Complete
<b>SW-27D</b>	Salluit	15 drums, 12 propane tanks, wooden debris, boxes	Orford Mining	Expired	2018/11/28	Complete

## 5 GENERAL RESPONSE PLAN, 2019-2022

The 2019-2022 General Response Plan (GPR) reflects the current focus on the rehabilitation of newly identified abandoned mineral exploration sites in the region, as deemed necessary by the project's Steering Committee. The GPR provides a description of the cleanup work to be carried out before March 31, 2022; the proposed work schedule; the proposed budget for the work; a description of logistics and human resources; and details concerning the communication of results. A copy of the GPR, updated in March 2020, can be downloaded from the KRG website ([www.krg.ca](http://www.krg.ca))

It is important to note that at the end of each year, the GRP is adjusted to better reflect the reality of the cleanup situation, including the number of newly identified sites added to the list. Consequently, the budget provisions are adjusted accordingly.

Table 6 outlines the proposed work schedule for the rehabilitation of newly identified sites to be carried between April 1, 2020 and March 31, 2022. In order to facilitate the work, cleanup activities will be carried out, when possible, on sites located in the same sector. **NOTE: Due to the exceptional circumstances regarding the COVID outbreak and the safety of Northern communities, the work schedule will be adjusted to regional directives regarding field work in Nunavik.**

Table 7 indicates the projected yearly budget for carrying out rehabilitation work on the newly identified abandoned mineral exploration sites in Nunavik from 2020-2022, including the development of the summary report that provides in greater detail the rehabilitation work undertaken on abandoned mineral exploration sites in Nunavik over the period from 2012-2021.

Finally, it should be noted that at the beginning of each year, a letter is sent to each of the Northern Villages asking for their participation in the project and providing information regarding the work to take place on the sites near their community. At the end of each year, the activity report is sent to each of the partners involved in the cleanup work including those providing financial or in-kind contributions.

Table 6 Tentative Work Schedule for 2019-2022 Cleanup Activities by the KRG

SITE	YEAR	Summer 2020	Summer 2021	Winter 2021-2022
Gerido-1				Summary Report 2012-2022 Community Presentations
Gerido-2				
Gerido-3				
Gerido-4				
Gerido-5				
Gerido-6				
Jordon Lake-1		COMPLETE		
Jordon Lake-2		COMPLETE		
Jordon Lake-3		COMPLETE		
Jordon Lake-4		COMPLETE		
GR-1		COMPLETE		
GR-2		COMPLETE		
GR-3 (Drill)*				
GR-3 (Camp)*				
GR-6				
Weymouth				
KG-1		COMPLETE		
KG-2		COMPLETE		
KG-3*				
KG-5*				
KG-8*				
EG-4*				
Vincenza		COMPLETE		
Watts Lake-1		COMPLETE		
Watts Lake-2		COMPLETE		
Lac Gundeau		COMPLETE		
SW-27C		COMPLETE		
SW-27D		COMPLETE		

\*Potential for collaboration with mining company

Table 7 Estimated Yearly Budget for 2020-2022 Cleanup Activities

EXPENSE	YEAR	2020-2021	2021-2022	2022	TOTAL
Coordinator salary		\$45,000	\$45,000	\$30,000	\$95,000
Field Technician salary		\$29,000	\$29,000	\$0	\$48,000
Worker salaries		\$29,000	\$29,000	\$0	\$42,000
Transportation to site		\$60,000	\$60,000	\$0	\$90,000
Transportation of waste (via south)		\$45,000	\$45,000	\$0	\$50,000
Disposal of waste		\$35,000	\$35,000	\$0	\$70,000
Travel Airfare		\$25,000	\$25,000	\$25,000	\$70,000
Travel Expenses		\$25,000	\$25,000	\$10,000	\$28,000
Material/Equipment		\$16,000	\$16,000	\$10,000	\$34,000
Communication and translation		\$2,500	\$2,500	\$5,000	\$10,000
KRG Administrative Costs		\$10,000	\$10,000	\$5,000	\$25,000
<b>SUB-TOTAL</b>		<b>\$321,500</b>	<b>\$321,500</b>	<b>\$85,000</b>	<b>\$727,000</b>
Weather Condition Provision (15%)		\$48,225	\$48,225	\$12,750	\$109,050
<b>TOTAL</b>		<b>\$369,725</b>	<b>\$369,725</b>	<b>\$97,750</b>	<b>\$836,050</b>

## 6 DESCRIPTION OF 2019-2020 REHABILITATION WORK

This section provides a description of the rehabilitation activities carried out in 2019-2020. Supporting photographs are available in Appendix 2.

It should be noted that in 2019-2020 Richard Knoxleet returned as field technician for the project assisting with on-site supervision and community liaison when necessary while Nancy Dea continued as project coordinator. In 2019, both Mr. Knoxleet and Ms. Dea participated in training for the transportation of dangerous good by air and marine as well as Airside Vehicle Operator's Permit (AVOP) certification.

### 6.1 *Description of Rehabilitation Activities*

#### **Kuujjuaq/Tasiujaq Sector**

##### *Kuujjuaq*

KRG, in collaboration with the Northern Village of Kuujjuaq, prepared one marine container with scrap metal and debris (previously removed from Jordon Lake sites) that was transported to an appropriate recycling facility in July.

##### *Jordon Lake-2*

The abandoned mineral exploration site known as Jordon Lake-2 is located approximately 65 miles northwest of Kuujjuaq. It is 1 of 4 sites located in proximity to Jordon Lake and situated on a claim that expired in 2012 previously belonging to Uranor Inc.

In 2019, the KRG conducted a 4-day field campaign with the Northern Village of Kuujjuaq to undertake rehabilitation activities, removing the following items:

- A drill
- Drill rods
- Small tractor
- Generator
- 10 drums
- Debris

A mobile welding machine was used to cut and disassemble the drill and tractor so that it, and the debris, could be safely transported to Kuujjuaq by helicopter. This material was then properly stored in a marine container, already located in the community, and will spend the winter in storage, to be shipped to a recycling facility in 2020.

#### **Kangirsuk Sector**

##### *Kangirsuk*

The KRG, in collaboration with the Northern Village of Kangirsuk, packaged a marine container with materials previously removed from sites near the community of Kangirsuk. This was shipped

to a recycling facility in July 2019. Approximately 15 propane tanks and a small number of crushed drums will spend the winter in storage and will be shipped to a recycling facility in 2020.

## **Kangiqsualujjuaq Sector**

### *Weymouth airstrip*

The rehabilitation of sites GR-1 and GR-2 was completed in 2018. However all the material removed from these sites had been stored at Weymouth airstrip over the winter, approximately 46 miles from the community of Kangiqsualujjuaq. In 2019, and in collaboration with the Northern Village of Kangiqsualujjuaq, the KRG prepared this material for transportation by crushing drums, grouping larger items and packaging hazardous waste. Using both a helicopter and a Twin Otter, the items were transported to a storage site in Kangiqsualujjuaq. Materials removed from this site include:

- 76 crushed drums
- 10 drums with liquid
- 17 propane tanks
- Tent poles and canvases
- Debris

The non-hazardous materials were then packaged inside a marine container and will remain in the community for the winter until being shipped to an appropriate facility in 2020. Hazardous materials will also be stored in the community until the following shipping season.

## **Kangiqsujuaq/Salluit Sector**

This year Canadian Royalties undertook cleanup work on 2 sites located at Lakes Vincenza and Gundeau. In total they removed approximately:

- 105 drums
- 2 batteries
- 5 propane tanks
- debris

### *6.2 2019-2020 Expenditures*

Table 8 indicates the calculated expenditures during the fieldwork undertaken in the 2019-2020 season, as well as KRG administrative costs. Some expenses were under or over-estimated from previous cost assessments due to weather conditions and less days spent on some sites.

Table 8 2019-2020 Expenditures\*

<b>INCOME</b>	
KRG surplus	0
MERN income	\$161,575
FRAN income	\$0
Other	\$0
<b>TOTAL</b>	<b>\$161,575</b>

<b>IN-KIND CONTRIBUTION</b>	
Canadian Royalties	\$28,000
<b>TOTAL</b>	<b>\$28,000</b>

<b>EXPENDITURES*</b>	
Travel & Accommodations	\$17,585
General Contracts	\$166,117
Purchase of Materials	\$13,028
Administrative Charges	\$30,736
<b>TOTAL</b>	<b>\$227,466</b>

\*Source: 2019 KRG Financial Statement

## 7 DESCRIPTION OF 2020-2021 REHABILITATION WORK

During their November 20<sup>th</sup>, 2019 meeting, the project’s steering committee, with representatives from each of the 4 partners who signed the funding agreement, discussed the potential 2020-2021 activities. It was decided that cleanup work would be continued on newly identified sites described below as well as in certain communities where material is being stored. Photos of these sites can be found in Appendix 3.

### **Kuujjuaq/Tasiujaq Sector**

#### *Kuujjuaq*

KRG, in collaboration with the Northern Village of Kuujjuaq, will need to prepare one marine container with scrap metal and debris that will be transported to an appropriate recycling facility. Furthermore, there are approximately 15 drums with liquid and 15 propane tanks that will need to be packaged as hazardous waste for marine transportation.

### **Kangirsuk Sector**

#### *Kangirsuk*

The KRG, in collaboration with the Northern Village of Kangirsuk, will need to package the hazardous waste (approximately 15 propane tanks) and a small number of crushed drums currently being stored in the community to be shipped to an appropriate facility.

## Kangiqsualujjuaq Sector

### *Kangiqsualujjuaq*

The marine container currently being stored in the community will need to be shipped to an appropriate facility. Furthermore, the KRG, in collaboration with the Northern Village of Kangiqsualujjuaq, will need to package the hazardous waste (approximately 15 propane tanks and 10 drums with liquid) currently stored in the community to be shipped to an appropriate facility.

### *GR-3 (Camp & Drill)*

GR-3 is comprised of 2 different sites. The Camp is located at the head of Abloviak Fjord, roughly 150 nautical miles from the community of Kangiqsualujjuaq. The Camp contains 7 buildings and 5 platforms and was previously used as an outfitting operation. Material found on the site includes:

- 65 drums
- 7 propane tanks
- Boat
- 2 Large water reservoirs
- Dumpsite

The Drill is located on a mountain face, roughly 4 nautical miles from the Camp and contains not only a complete drill but tools used to operate the drill and scattered debris. These two sites are located on recently expired claims owned by Diamond Discoveries Inc.

In 2019, the KRG Project Coordinator was contacted by a mining exploration company currently active in that area, Champion Iron Mines Ltd, who may be interested in collaborating with the rehabilitation activities at these two sites.

Notwithstanding this partnership, the KRG will need to collaborate with the Northern Village of Kangiqsualujjuaq for the cleanup of these two sites. The drill will need to be dismantled and it, along with the other material, can be transported by helicopter to Weymouth airstrip.

### *Weymouth*

The site known as Weymouth is located approximately 43 nautical miles from the community of Kangiqsualujjuaq. This site was previously used as an outfitting operation and is still used by local community members. It contains the following:

- 13 buildings and 2 collapsed structures
- 85 drums
- 10 propane tanks
- 4 freezers
- bathroom and kitchen equipment
- 2 batteries
- Hazardous waste
- 2 electrical panels
- debris

Before rehabilitation work begins at this site, it will be important to discuss its important for traditional activities with community representatives. If rehabilitation should be approved, these materials will need to be prepared for transportation to the nearby airstrip (either by helicopter or ATV and trailer). From there it can be sorted with other materials removed from the GR-3 sites and transported to Kangiqsualujjuaq by Twin Otter. In Kangiqsualujjuaq the materials will be prepared for marine transportation. It is estimated that the work at both GR-3 sites will take between 5 and 7 days and require 4-6 people.

### GR-6

GR-6 is located approximately 70 nautical miles from the community of Kangiqsualujjuaq. Considering the proximity of the site to the others in the sector, it may be advantageous to undertake its rehabilitation in conjunction with other works planned during 2020-2021. It contains the following items:

- Loader (belongs to the NV)
- 6 drums
- PVC pies
- Significant amount of core boxes (located in a separate but nearby location)

## 7.1 Projected Budget for 2020-2021

Table 9 indicates the projected budget for carrying out rehabilitation work on sites described above, as well as in the communities where materials are currently stored, during the 2020-2021 cleanup season.

*Table 9 Projected Budget for 2020-2021*

<b>INCOME</b>							
KRG surplus 2019							\$
MERN income							\$369,725
FRAN income							\$0
<b>TOTAL</b>							<b>\$369,725</b>

<b>EXPENSES</b>							
	<b>SITE</b>	<b>GR sites (3)</b>	<b>Weymouth</b>	<b>Kangiqsualujjuaq</b>	<b>Kuujuuaq</b>	<b>Kangirsuk</b>	<b>TOTAL</b>
Coordinator Salary		\$15,000	\$15,000	\$5,000	\$5,000	\$5,000	<b>\$45,000</b>
Technician Salary		\$10,000	\$10,000	\$3,000	\$3,000	\$3,000	<b>\$29,000</b>
Worker Salaries		\$10,000	\$10,000	\$3,000	\$3,000	\$3,000	<b>\$29,000</b>
Transportation of Waste (via south)		\$15,000	\$15,000	\$10,000	\$10,000	\$10,000	<b>\$60,000</b>
Disposal of Waste		\$15,000	\$15,000	\$5,000	\$5,000	\$5,000	<b>\$45,000</b>
Transportation of Material/Workers		\$15,000	\$15,000	\$5,000	\$0	\$0	<b>\$35,000</b>
Travel Airfare		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	<b>\$25,000</b>
Travel Expenses		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	<b>\$25,000</b>
Material/Equipment		\$5,000	\$5,000	\$2,000	\$2,000	\$2,000	<b>\$16,000</b>
Communication and Translation		\$500	\$500	\$500	\$500	\$500	<b>\$2,500</b>
KRG administrative Costs		\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	<b>\$10,000</b>
<b>Sub-total</b>		<b>\$97,500</b>	<b>\$97,500</b>	<b>\$45,500</b>	<b>\$40,500</b>	<b>\$40,500</b>	<b>\$321,500</b>
Weather Condition Provision (15%)		\$14,625	\$14,625	\$6,825	\$6,075	\$6,075	<b>\$48,225</b>
<b>TOTAL</b>		<b>\$112,125</b>	<b>\$112,125</b>	<b>\$52,325</b>	<b>\$46,575</b>	<b>\$46,575</b>	<b>\$369,725</b>

## **8 CONCLUSION**

The Nunavik Abandoned Mineral Exploration Site Rehabilitation Project continues to be a vital undertaking in the region in terms of environmental stewardship and partnership between the mining industry and the provincial and regional governments and organizations. The successful cleanup work undertaken in 2019-2020 is an example of this.

The number of newly identified sites in the region continues to grow but both the project's Steering Committee and the MERN recognize the importance of this trend and is reflected in the rehabilitation of a number of these sites in 2020-2021 as well as the outreach with mining exploration companies regarding their obligation under the Mining Act.

# APPENDIX 1

## Status of All Abandoned Mineral Exploration Sites Requiring Major, Intermediate & Minor Cleanup Work in Nunavik

Site Name	Status
<b>SITES REQUIRING MAJOR CLEANUP</b>	
KAW-45	Cleaned
KAW-35	Cleaned
PJ-1	Cleaned
TQ-1	Cleaned
TQ-4	Cleaned
PJ-17	Cleaned
PJ-10	Cleaned
TW	Cleaned
K-28	Cleaned
K-61	Cleaned
WB-3	Cleaned
KV-1	Cleaned
SAL-1	Cleaned
SW-34	Cleaned
SW-27	Cleaned
SW-42	Cleaned
WB-9	Cleaned
WHA-1	Cleaned
<b>SITES REQUIRING INTERMEDIATE CLEANUP</b>	
KAW-36	Cleaned
KAW-59	Cleaned
KAW-119	Cleaned
P-24F	Cleaned
TA-1	Cleaned
TA-2	Cleaned
TQ-6	Cleaned
TQ-10	Cleaned
TQ-14	Cleaned
VP-11	Cleaned
G-24N04-3	Cleaned
PJ-17A	Cleaned
PJ-19	Cleaned
QC-3	Cleaned
I-32	Cleaned
K-27	Cleaned
K-37	Cleaned
K-49	Cleaned
KAN-1	Cleaned
KAN-2	Cleaned
KAN-4	Cleaned
KAN-6	Cleaned
KAN-7	Cleaned
KAN-10	Cleaned
Parent Lake	Cleaned
SW-24	Cleaned
GW-8	Cleaned
KAW-28	Cleaned

Site Name	Status
<b>SITES REQUIRING MINOR CLEANUP</b>	
KAW-28	Cleaned
KAW-42A	insignificant
KAW-43	insignificant
KAW-54	insignificant
KAW-58	insignificant
KAW-60	insignificant
KAW-63	insignificant
KAW-67A	insignificant
KAW-69	insignificant
KAW-72	insignificant
KAW-5	insignificant
KAW-10	insignificant
KAW-26	insignificant
KAW-112	Cleaned
PD-1	Cleaned
PD-2	Cleaned
KUJ-2	Cleaned
PJ-19	Cleaned
KG-19	insignificant
KG-21	insignificant
QC-2	insignificant
I-12	Cleaned
K-36	Cleaned
K-41	Cleaned
KAN-3	Cleaned
KAN-5	Cleaned
KAN-8	Cleaned
KAN-9	insignificant
KAN-11	Cleaned
KAN-12	Cleaned
G-35G08-1	insignificant
P-35G08-1002	Cleaned
P-35G08-1002A	Cleaned
P-35G08-1003	Cleaned
SAL-2	Cleaned
SW-13	Cleaned
SW-14	Cleaned
SW-32	Insignificant
GW-5	Insignificant
PH-11	Insignificant
UD-1	Insignificant
UD-6	Insignificant
UM-1	Insignificant
UM-2	Insignificant
UM-3	Insignificant
GW-2	insignificant
PJ-19	Cleaned
KAW-28	insignificant

## APPENDIX 2

### **Photographs of Sites on Which Rehabilitation Work was Undertaken in 2019-2020**

**Jordon Lake-2**



*Figure 1 Jordon Lake-2 during inspections, September 2017*



*Figure 2 Jordon Lake-2 during inspections, September 2017*



*Figure 3 Jordon Lake-2 during rehabilitation activities, July 2019*



*Figure 4 Jordon Lake-2 during after rehabilitation activities, July 2019*

Kuujuaq



*Figure 5 Marine Container shipped from Kuujuaq, July 2019*

Kangirsuk



*Figure 6 Material prepared for marine transportation in Kangirsuk, July 2019*

## Weymouth Airstrip



*Figure 7 Material at Weymouth airstrip ready for transportation, August 2019*



*Figure 8 Transportation of material from Weymouth airstrip by Otter, August, 2019*

## Kangiqsualujjuaq



*Figure 9 Marine Container stored in Kangiqsualujjuaq, October 2019*



*Figure 10 Other materials stored in Kangiqsualujjuaq, October 2019*

## Guindeau Lake



*Figure 11 Lake Guindeau, before rehabilitation activities by Canadian Royalties, July 2019*



*Figure 12 Lake Guindeau, after rehabilitation activities by Canadian Royalties, July 2019*

## Vincenza Lake



*Figure 13 Lake Vincenza, before rehabilitation activities by Canadian Royalties, June 2019*



*Figure 14 Lake Vincenza, after rehabilitation activities by Canadian Royalties, June 2019*

## APPENDIX 3

### **Photographs of Sites on Which Rehabilitation Work will be Undertaken in 2020-2021**

**GR-3 (Camp)**



*Figure 15 GR-3 Camp during inspections, September 2019*



*Figure 16 GR-3 Camp during inspections, September 2019*

### GR-3 (Drill)



*Figure 17 GR-3 Drill during inspections, September 2019*



*Figure 18 GR-3 Drill during inspections, September 2019*

**Weymouth (camp)**



*Figure 19 Weymouth camp during inspections, September 2019*



*Figure 20 Weymouth camp during inspections, September 2019*



*Figure 21 Weymouth camp during inspections, September 2019*



*Figure 22 Weymouth camp during inspections, September 2019*

**GR-6**



*Figure 23 Site GR-6 during inspections, September 2019*



*Figure 24 Site GR-6 core boxes during inspections, September 2019*