Nunavik Abandoned Mineral Exploration Sites Rehabilitation Project

2020-2021 Activity Report



May 2021

Kativik Regional Government

Renewable Resources, Environment, Lands and Parks Department



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1 INTRODUCTION

In 2001 and 2002, 90 abandoned mineral exploration sites were confirmed and characterized in the region of Nunavik. In order to assist in the rehabilitation of these sites, 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 realize rehabilitation activities in the region. 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. Due to the number of newly identified sites in the region and the delays related to travel restrictions under the current COVID pandemic, a request to prolong the agreement until March 2024 has been approved by the MERN to ensure completion of the project.

In 2020-2021, cleanup work continued in the Nunavik region and the following report describes the rehabilitation activities carried out on four sites in the Kangiqsualujjuaq area as well as the work undertaken in the villages of Kuujjuaq, Kangirsuk and Kanagiqsualujjuaq. The report also includes updated details regarding newly identified sites in the region.

It is important to note that the rehabilitation work, spanning fifteen 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.



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

2 CONTRIBUTION AGREEMENT

In 2007, a contribution agreement concerning the cleanup of abandoned mineral exploration sites in Nunavik. The agreement was recently addended by the 4 signatories allowing for rehabilitation activities to be extended until March 31, 2024. 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. In 2018, the project's Steering Committee decided that newly identified sites would also be rehabilitated under the agreement on a case-by-case basis. The cost of the cleanup work in 2020-2021 was estimated at three hundred and sixty-nine thousand, seven hundred and twenty-five (\$369,725) 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 as well as an activity report describing the rehabilitation work carried out. KRG is also responsible for ensuring that the concerned communities and regional entities 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). Although it has reached its maximum financial contribution, Makivik continues to be an important member of the Steering Committee.

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) and continues to provide technical support.

3 SUMMARY OF REHABILITATION ACTIVITIES (2005-2020)

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 <u>http://osiskogr.com/en/fonds-restor-action-nunavik-2/reports</u>.

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 this type of site began

in 2005, with a KRG pilot project on two sites, and were completed in 2017, in partnership with various Nunavik communities, 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 in collaboration with various partners. Table 2 provides a summary of the quantities of the waste removed from this category of sites.

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 of this report.

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 sites have been newly identified and Section 4 of this report describes these sites in greater detail. Additionally, Table 4 provides a summary of the quantities of waste removed and to be removed from the newly identified sites between 2018 and the end of the project.

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

Table 1Quantities 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	Transform ers (T) or batteries (B) (no.)	Pipes, core trays, wood (m ³)	Debris (m ³)
Kawawachika	ımach											
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+
Tasiujaq												
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+
Aupaluk			-									
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+
Kangirsuk												
TW	2 platforms	1 pipe threader	11	0	83	1230	0	110 L 2 kg	0	0	30+	20+
Kangiqsujuaq	!											
K-28	1 tent	1 motor	15	2	70	2000	0	0	CaCl ₂	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+
Salluit		-	1	1		1					•	1
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+
Umiujaq											•	
WHA-1	9	0	0	0	28	280	0	0	Cleaners	0	50+	5+
TOTAL	80 (+9 platforms)	58 (+)	261	22	7 954	26 215	2 400	>1 275 L	-	3 T; 73 B	1 440+	980+

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Table 2Quantities of Waste Removed from Abandoned Mineral Exploration Sites Classified as Requiring Intermediate Cleanup
Work, 2006-2017

Sector/ Site	Equipment	Propane tanks (no.)	Barrels (no.)	Diesel or other fuel (L)	Other hazardous material	Batteries (no.)	Debris
Kawawachikamach	h						
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
Kuujjuaq							
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
Tasiujaq							
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
Aupaluk							
G-2404-3		4	50				Bed frames, tent poles, dumpsite
PJ-17 A		5	64			3	
PJ-19			63				
Kangirsuk							
QC-3		0	22				Small debris, 20 drill rods
Kangiqsujuaq							
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 ₂		50 pipes
KAN-4			75				
KAN-6					INUIT CA	AMP	
KAN-7	muskeg	18	75				2 oxygen tanks, metal, wood
KAN-10		1	25				Metal and wood, core trays
Salluit							
Parent Lake			4	400			
SW-24		19	52	900	Pail of grease		Boat pieces
Umiujaq/Kuujjuar	apik						
GW-8			35				Old snowmobile, 2 Quatrex bags of debris
TOTAL	9	105	1 022	11 340	-	7	

Table 3Quantities 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
Kawawachikan	ıach						
KAW-28			2				Stove, water heater, small dump
Kuujjuaq							
*PD-1			8				
*PD-2			24				5 bed frames, 50 core boxes, stoves & pipes
*KUJ-2				5,000			3 Quatrex bags, 2 water reservoirs
KAW-112			5				2 Quatrex bags, 1 water reservoir
Aupaluk							
PJ-19			13				
Kangiqsujuaq							
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				
Salluit							
P-35G08-	Fuel tank						Camp debris: stove, sink, pipes, debris
1002A							
P-35G08-			1				Metal debris
1003							
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				
TOTAL	3	6	262	5,000	-	0	

*Cleaned by KRG

Table 4Quantities of Waste Removed and to be Removed from Abandoned Mineral Exploration Sites Classified as NewlyIdentified

ctor/Site	uipment	ropane iks (no.)	rek (no.)	iesel or her fuel (L)	Other zardous ıaterial	atteries (no.)	Debris		
Š	Eq	ta P	Bar	ЧÄ	ha	â	-		
Kawawachikamach			L						
KAW-01	TO BE COMPLETED*								
Kuujjuaq/Tasiujaq	1								
Gerido-1						TO BE COM	PLETED		
Gerido-2						TO BE COM	PLETED		
Gerido-3						TO BE COM	PLETED		
Gerido-4						TO BE COM	PLETED		
Gerido-5						TO BE COM	PLETED		
Gerido-6						TO BE COM	PLETED		
KUUJ-1						TO BE COM	PLETED		
Jordon Lake-1	Generator, winch, muskeg tracks,	15	50	300		3	15 tires. hoses, 10 drill rods, 3 Wrangler bags of debris		
	heater, drill tripod								
Jordon Lake-2	Drill, small tractor, generator		10				Drill rods, debris		
Jordon Lake-3			16	600			2 tires, hoses, water heater, 90 drill rods, stove and stove pipes		
Jordon Lake-4	Small boat		10	1,500			2 drill rods		
TAS-1						TO BE COM	PLETED*		
Kangiqsualujjuaq									
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)	Drill, water pump, generator		2				10 Metal sheets, hydraulic hoses, 30 drill rods, water heater, tools, wires		
GR-3 (Camp)						TO BE COM	PLETED		
GR-6	Tractor		5				PVC pipes, 2 geotextiles rolls, wires, hoses,		
Weymouth						TO BE COM	PLETED		
Kangirsuk									
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 COM	PLETED		
KG-4						TO BE COM	PLETED*		
KG-5						TO BE COM	PLETED*		
KG-6						TO BE COM	PLETED*		
KG-7						TO BE COM	PLETED*		
KG-8						TO BE COM	PLETED*		
KG-9						TO BE COM	PLETED		
EG-1						TO BE COM	PLETED*		
EG-2						TO BE COM	PLETED*		
EG-3						TO BE COM	PLETED*		
EG-4						TO BE COM	PLETED		
Vincenza Lake		5	105			2	Debris		
Watts Lake-1		5	50	750			3 tires		
Watts Lake-2			10	900					
Lac Guindeau									
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		
TOTAL		74+9 small	595+33 small	6,250		10			

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 is collaborating with the MERN to inform claim proprietors of their legal obligations.

In order to confirm these newly identified sites are in fact related to mineral exploration activities 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 Kuujjuaq, Aupaluk, Kangirsuk and Kangiqsualujjuaq sectors. To date, the MERN have confirmed that 18 of the newly identified sites are located on expired claims, 12 are located on active claims and 8 are not associated with any historical claims. 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.

In 2019, the MERN corresponded with 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.

Figure 2 and table 5 presents the newly identified abandoned mineral exploration sites found to date and includes their location, a brief summary of the materials found on site during inspections and both their claim and rehabilitation status as of publication date.. Furthermore, Map 2 indicates the location of these sites in relation to Nunavik communities. Details regarding the cleanup work carried out on these sites in 2020-2021 can be found in Section 6 of this report.



Figure 2 Newly Identified Abandoned Mineral Exploration Sites in Nunavik

Table 5 Description of Newly Identified abandoned Mineral Exploration Sites in Nunav	Table 5	Description of I	Newly Identified	l abandoned Mineral .	<i>Exploration</i>	Sites in Nuna
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Site	Sector	Description	Claim owner	Claim status	Expiration	Rehabilitation status
KAW-01	Kawawachikamach	9 buildings, airstrip, lots of haz mat, dumpsite 60 drums	Uranium Star Corp.	Expired	2019/09/04	
Gerido-1	Kuujjuaq/Tasiujaq	9 drums, scattered debris, generator, hoses	Patricia Lafontaine 9248-7792 Québec Inc	Active	2022-06-04	
Gerido-2	Kuujjuaq/Tasiujaq	Sector 1: 9 drums, debris Sector 2: 16 drums, debris	Patricia Lafontaine	Active	2022-06-04	
Gerido-3	Kuujjuaq/Tasiujaq	80 drums, dumpsite, collapsed building, platform, debris	Ping an Hawking China Opportunity Fund I.L.P.	Expired	2019/11/06	
Gerido-4	Kuujjuaq/Tasiujaq	6 drums, 4 small drums, tire, wood debris	Tony Perron	Active	2022-12-12	
Gerido-5	Kuujjuaq/Tasiujaq	93 drums, core trays, drill rods, debris	Tony Perron	Active	2022-12-12	
Gerido-6	Kuujjuaq/Tasiujaq	2 drums	Ping an Hawking China Opportunity Fund I.L.P.	Expired	2019/11/06	
KUUJ-1	Kuujjuaq	7 buildings (3 collapsed), 3 boats, 8 drums	Midland	Active	2021/08/20	
Jordon Lake-1	Kuujjuaq/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)
Jordon Lake-2	Kuujjuaq/Tasiujaq	Compete drill rig inside shelter, many drill rods, small tractor, generator, few drums and debris	Uranor Inc.	Expired	2012/09/29	Complete
Jordon Lake-3	Kuujjuaq/Tasiujaq	2 sectors with 15 drums, 2 water heaters, drill rods, hoses, wood, debris	Uranor Inc.	Expired	2012/09/29	Complete
Jordon Lake-4	Kuujjuaq/Tasiujaq	26 drums, small boat	Uranor Inc.	Expired	2012/09/29	Complete
TAS-1	Tasiujaq	7 drums	Nickle North Exploration	Active	2023/03/25	
GR-1	Kangiqsualujjauq	33 drums	No His	torical Clain	1	Complete
GR-2	Kangiqsualujjauq	40 drums, 1 wooden structure, 2 platforms, 15 propane tanks, debris	Peter Ferderber	Expired	2012/10/20	Complete
GR-3 (Drill)	Kangiqsualujjauq	Drill, some debris	Diamond Discoveries Inc.	Expired	2006/12/10	Complete
GR-3 (Camp)	Kangiqsualujjauq	7 buildings, 5 platforms with tent poles, 45 drums, 7 propane, boat, water tanks, group of 20 drums nearby and dumpsite	No Historical Claim			Partially Complete
GR-6	Kangiqsualujjauq	Loader (belongs to NV), 6 drums, PVC pipes, Core boxes	Uranor	Expired	2010/05/22	Complete
Weymouth	Kangiqsualujjauq	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	
KG-1	Kangirsuk	Pile of 120 drums, core trays, old campsite with scattered debris and dumpsite	No His	torical Clain	1	Complete
KG-2	Kangirsuk	1 st pile: 37 drums & 14 propane tanks 2 nd pile: 32 drums, debris, 10 drums, dump site, 2 batteries	No His	torical Clain	1	Complete
KG-3 KG-4	Kangirsuk	2 drums, metal box	No Hist Oceanic Iron Oro	torical Clain	1 2023/03/24	
KC-5	Kangirouk	Old camps with 12 propane, drum and	No Uio	torical Clain	2023/03/24	
KC-3	Kangirouk	Stove	Oceanic Iron Ora	A otivo	2021/09/10	
KG-0	Kangirsuk	14 drums	Oceanic Iron Ore	Active	2022/07/20	
KG-8	Kangirsuk	10 drums	Société en commandite fer de l'Ungava	Expired	1993/11/19	
KG-9	Kangirsuk	6 drums	Oceanic Iron Ore	Expired	2016/04/18	
EG-1 EC 2	Kangirsuk	7 drums, tractor	Oceanic Iron Ore	Active	2022/10/20	
EG-2 EG-3	Kangirsuk	350 drums Bulldozer, tractor & debris	Oceanic Iron Ore	Expired	2022/10/20	
EG-4	Kangirsuk	3 drums (in lake)	No His	torical Clain	1	

Vincenza Lake	Kangiqsujuaq	30 drums (scattered along shore), 2 batteries, 5 propane tanks, dump site, scattered debris	Goldbrook Ventures Inc Exploration minière Jien Nunavik Itée	Expired	2013/01/15	Completed by Canadian Royalties
Watts Lake-1	Salluit	20-30 drums	Peter Bambic	Expired	2006/07/28	Complete
Watts Lake-2	Salluit	20-30 drums	Peter Bambic	Expired	2006/07/28	Complete
Lac Guindeau	Salluit	75 drums	Goldbrook Ventures Inc Exploration minière Jien Nunavik Itée	Expired	2012/12/10	Completed by Canadian Royalties
SW-27C	Salluit	15 drums, 4 propane tanks, wooden debris	No His	torical Clain	n	Complete
SW-27D	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.

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. A copy of the GPR, updated in May 2020, can be downloaded from the KRG website (www.krg.ca).

It is important to note that for planification as a result of the request to prolong the contribution agreement until March 2024, the details provided for in this section may differ from those presented in the 2019-2022 GRP. As such, Table 6 outlines the proposed work schedule for the rehabilitation of newly identified sites to be carried between January 1, 2021 and March 31, 2023. The 2023-2024 season will be used to carry out any outstanding remediation work, based on the remaining available funding. In order to facilitate the work, cleanup activities will be carried out, when possible, on sites located in the same sector. **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 in 2021-2023, 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 11-year period from 2012-2023.

Finally, it should be noted that at the beginning of each year, a letter is sent to the appropriate communities asking for their participation in the project and providing information regarding the work to take place on the sites in their area. 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.

Site Year	Winter 2021	Summer 2021	Summer 2022	Winter 2023
Gerido-1				
Gerido-2				
Gerido-3				
Gerido-4				
Gerido-5				
Gerido-6				
Jordon Lake-1	COMI	PLETE		
Jordon Lake-2	COMI	PLETE		
Jordon Lake-3	COMI	PLETE		⊂ Sr
Jordon Lake-4	COMI	PLETE		
GR-1	COMI	PLETE		nar
GR-2	COMI	PLETE		uni W
GR-3 (Drill)	COMI	PLETE		ty I
GR-3 (Camp)				ort
GR-6	COMI	PLETE		20 sen
Weymouth				12- tati
KG-1	COMI	PLETE		202 ons
KG-2	COMI	PLETE		3
KG-3-9*				
EG-1-4*				
Vincenza	COMI	PLETE		
Watts Lake-1	COMI	PLETE		
Watts Lake-2	COMI	PLETE		
Lac Guindeau	COMI	PLETE		
SW-27C	COMI	PLETE		
SW-27D	COMI	PLETE		

Table 6Tentative Work Schedule for 2020-2023 Cleanup Activities by the KRG

*Potentially in collaboration with mining company

Year Expense	2021-2022	2022-2023	2023-2024	Total
Coordinator salary	\$19,000	\$15,000	\$15,000	\$49,000
Field Technician salary	\$9,000	\$8,000	\$0	\$17,000
Worker salaries	\$21,000	\$10,000	\$0	\$31,000
Transportation to site	\$200,000	\$100,000	\$0	\$300,000
Transportation of waste (via south)	\$15,000	\$10,000	\$0	\$25,000
Disposal of waste	\$15,000	\$10,000	\$0	\$25,000
Travel Airfare	\$10,000	\$5,000	\$3,000	\$18,000
Travel Expenses	\$6,000	\$3,000	\$2,000	\$11,000
Material/Equipment	\$6,000	\$5,000	0	\$11,000
Communication and translation	\$1,500	\$2,000	\$82,469	\$85,969
SUB-TOTAL	\$302,500	\$168,000	\$102,469	\$572,969
KRG Administrative Costs (10%)	\$30,250	\$16,800	\$10,247	\$57,297
Weather Condition Provision (15%)	\$45,375	\$25,200	\$0	\$70,575
TOTAL	\$378,125	\$210,000	\$112,716	\$700,841

Table 7 Estimated Yearly Budget for 2020-2024 Cleanup Activities

* This table is subject to change as per annual financial audit.

6 DESCRIPTION OF 2020-2021 REHABILITATION WORK

This section provides a description of the rehabilitation activities carried out in 2020-2021. Supporting photographs are available in Appendix 2.

It should be noted that in 2020-2021 Richard Knoxleet returned as field technician for the project assisting with on-site supervision and community liaison when necessary. Aglaé Boucher-Telmosse acted as project coordinator for KRG and Nancy Dea continued to assist with the coordination of the project as a consultant.

6.1 Description of Rehabilitation Activities per sector

Kuujjuaq/Tasiujaq Sector

KRG, in collaboration with the Northern Village of Kuujjuaq, and Avataani Environmental (a consulting firm specializing in hazardous waste management located in Kuujjuaq) carried out work to prepare materials for transportation and treatment. In total, one marine container with scrap metal and debris (previously removed from Jordon Lake sites in 2019), 15 propane tanks and 15 drums with fluid were transported to an appropriate recycling facility in July and September 2020. Photos of the work can be found in Appendix 2.

Kangirsuk Sector

The KRG, in collaboration with the Northern Village of Kangirsuk, packaged 18 propane tanks previously removed from sites near their community which were shipped to a recycling facility in October 2020. Photos of this work can be found in Appendix 2.

Kangiqsualujjuaq Sector

Before rehabilitation work began in the Kangiqsulujjuaq sector, the KRG Project Coordinator met with community representatives on September 2, 2020. During the meeting, the importance of creating local jobs related to the project was discussed as well as different methods of undertaking rehabilitation activities including winter field work. It was also specified that sites GR-3 and Weymouth were still used by community members and further discussion would be needed in order to evaluate the partial rehabilitation of these sites. Additionally, community representatives accompanied the KRG Project Coordinator during inspections of the 4 sites in the Kangiqsualujuaq sector on September 3, 2020.

Finally, KRG, in collaboration with the Northern Village of Kangiqsualujjuaq packaged 18 propane tanks to be shipped to a recycling facility in October 2020.

GR-6

GR-6 is located approximately 35 miles from the community of Kangiqsualujjuaq. In September the KRG Project Coordinator and Field Technician, in collaboration with several local workers, undertook rehabilitation activities at GR-6. Material was transported by helicopter to Kangiqsualujjuaq and stored in a marine container where it will stay until being shipped to a treatment facility in 2021. Material removed included:

- 6 drums
- PVC pipes
- Rolls of PVC tubes
- 2 rolls of geotextile
- Tractor and accessories

A small piece of heavy equipment (Kubota tractor) was also removed from the site and donated to the local community. The total weight of the removed material is approximatively 8,000 lbs. The site is considered as complete and photos of the work can be found in Appendix 2.

GR-3 (Drill)

GR-3 is comprised of 2 different sites, one containing a camp and one a drill and is located at the head of Abloviak Fjord, roughly miles from the community of Kangiqsualujjuaq. The drill site is located on a mountain face, 62 miles from Kangiqsualujjuaq and 3 miles from GR-3 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 September 2020, the KRG Project Coordinator and Field Technician, in collaboration with several local workers, undertook rehabilitation activities at GR-3 (Drill). The drill was completely dismantled and was transported by helicopter to the community of Kangiqsualujjuaq along with the debris from the site. This material was stored in a marine container where it will stay until being shipped to a treatment facility in 2021. Material removed included:

- Drill stand, motor, dashboard, hydraulic hoses, etc.
- Water pomp and heater
- Generator
- 2 empty barrels
- 30 drill rods
- Metal sheets
- Tools
- Wires
- 10 metal sheets
- Mixed debris

The total weight of the removed material is approximatively 9,000 lbs. There is a wooden platform remaining at the site, but should time not permit for its burning in 2021, the site should be considered as complete. Photos of the work can be found in Appendix 2.

GR-3 (Camp)

The Camp contains 6 buildings and 5 platforms and was previously used as an outfitting operation. During discussions held with community representatives on September 2, it was advised that due to community use of the camp, rehabilitation activities should be delayed until further discussions could be held. As such, 1 day of work was completed in September to transport a first load of empty barrels by helicopter to the Weymouth site. In October, the team went back were able to remove all empty barrels from GR-3 by transporting 2 loads to Weymouth where the barrel crusher was located. In total, 51 empty barrels were removed from the GR-3 and 14 full barrels remain on site. Some debris at GR-3 Camp were also gathered for future transportation. Photos of the work can be found in Appendix 2. Material removed included:

- 2 propane cylinders
- 51 empty barrels

Weymouth

The site known as Weymouth is located approximately 50 miles from the community of Kangiqsualujjuaq. This site was previously used as an outfitting operation and is still used by local community members.

In October, KRG in collaboration with the Northern village of Kuujjuaq, undertook 3 days of field work on the site. The first day was dedicated to transporting the barrel crusher from Kuujjuaq to Weymouth by helicopter. In total, 103 drums were crushed (including those from GR-3) and larger metal debris was gathered from round the site. All these materials were stored inside a building located on the highest point of the site to facilitate the transportation by snowmobile in the spring.

As such, a spring field campaign was conducted in April 2021. Photos of the work can be found in Appendix 2. The removed material includes:

- 103 crushed barrels
- Metal debris
- Oil stoves
- Water heater
- Bed frames
- Wires
- Etc.

6.2 2020-2021 Expenditures

Table 8 indicates the calculated expenditures during the fieldwork undertaken in the 2020-2021 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. Therefore, considering the KRG surplus and the MERN income for 2020-2021,

Table 82020-2021 Expenditures*

Source of income	Income (\$)
KRG surplus (from 2019-2020)	\$24,195
MERN income	\$ 213,121
Other	\$ 0
TOTAL	\$ 237,315

Year Expense	2020-2021
Coordinator salary	\$ 23,218
Field Technician salary	\$ 4,543
Worker salaries	\$ 5,554
Transportation to site	\$ 101,609
Transportation of waste (via south)	\$ 27,858
Disposal of waste	\$ 8,775
Travel Airfare	\$ 2,506
Travel Expenses	\$ 8,957
Material/Equipment	\$ 2,355
Communication and translation	0
SUB-TOTAL	\$ 185,373
KRG Administrative Costs	\$10,671
TOTAL	\$ 196,044

Balance budget to be used in 2021- 2022	Income (\$)
KRG surplus (from 2020-2021)	\$ 41,271
TOTAL	\$ 41,271

*Source: 2020-2021 KRG budget G/L table (April 1st 2020 to March 31st 2021)

NOTE: Compared to the other years of this project, the budget calculation was done according to the MERN fiscal year (April 1 to March 31) instead of the KRG fiscal year, which is January 1st to December 31st 2020.

Therefore, according to the KRG official financial statement for 2020, the total amount spent from January 1st to December 31st is \$172,773.

7 DESCRIPTION OF 2021-2022 REHABILITATION WORK

During their December 2020 meeting, the project's steering committee, with representatives from each of the 4 partners who signed the funding agreement, discussed the potential 2021-2022 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.

Furthermore, because some sites contain many buildings and combustible materials, it will be important for all personnel to fully understand the mechanisms for executing the burning activities with the utmost precautions, for both humans and the environment. As such, the KRG will collaborate with SOPFEU to provide necessary training.

Kuujjuaq/Tasiujaq Sector

Gerido Sites

There are 6 sites located on the northern end of Gerido Lake, roughly 58 miles from the community of Kuujjuaq. These sites, which are all in close proximity to each other, were inspected by the KRG Project Coordinator and a MERN representative in September 2019. Materials found on these sites include:

- 210 drums
- Core trays
- Drill rods
- Wooden debris
- Dumpsite
- Metal debris

As per the decision of the Screening Committee in February 2019, the KRG, in collaboration with the community of Kuujjuaq, will undertake rehabilitation activities at these 6 sites during the same timeframe. Material will be collected on site and transported by helicopter to Kuujjuaq and prepared for transportation by marine container to a recycling facility. Pending weather conditions and time available during field work, the combustible material will be burned on site.

Kangiqsualujjuaq Sector

Kangiqsualujjuaq

The marine containers currently being stored in the community will need to be shipped to an appropriate facility.

GR-3 (Camp)

Site CR-3 (Camp) is located at the head of Abloviak Fjord, roughly 60 miles from the community of Kangiqsualujjuaq. The Camp contains 6 buildings and 5 platforms, was previously used as an outfitting operation and is still used by community representatives. Material found on the site includes:

- 14 full drums
- Boat
- 5 propane cylinders
- 2 Large water reservoirs
- Dumpsite
- Plastic buckets
- Metal debris
- Stoves
- Metal tent structures
- Plastic flooring
- Etc.

Following further discussion regarding the rehabilitation of GR-3 (Camp), KRG will need to collaborate with the Northern Village of Kangiqsualujjuaq for the cleanup of this site. The material and debris gathered can be transported by helicopter to Weymouth to be treated with the material at that site. Selected buildings can be dismantled and combustible materials burned on site. It is estimated that the work at GR-3 (Camp) will take between 5 and 7 days and require 4-6 people.

Weymouth

The site known as Weymouth is located approximately 50 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 materials:

- 13 buildings and 2 collapsed structures
- 15 full drums
- 10 propane cylinders
- 4 freezers
- 2 kitchen stoves
- Bathroom and kitchen equipment
- 2 batteries
- Hazardous waste
- 2 electrical panels
- Debris

Following further discussion regarding the rehabilitation of Weymouth, KRG will need to collaborate with the Northern Village of Kangiqsualujjuaq for the cleanup of this site. Materials chosen to be removed can be sorted and transported to Kangiqsualujjuaq by helicopter or by snowmobile. In Kangiqsualujjuaq the materials will be prepared for marine transportation. Selected buildings can be dismantled and combustible materials burned on site. It is estimated that the work at the Weymouth site will take between 7 and 10 days and require 4-6 people.

7.1 Projected Budget for 2021-2022

Table 9 indicates the projected budget for carrying out 2021-2022 rehabilitation work on sites described above, as well as in the communities where materials are currently stored. Table 9 Projected Budget for 2021-2022

INCOME	
KRG surplus 2020-2021	\$ 41,271
MERN income	\$ 256,855
FRAN income	\$ 80,000 *this amount is a donation from the company Canadian Royalties for the clean-up of Gerido sites
TOTAL	378 125,00 \$

EXPENSES				
SITE	GR-3 (Camp)	Weymouth	Gerido sites	TOTAL
Coordinator Salary	\$7,000	\$7,000	\$5,000	\$19,000
Technician Salary	\$3,000	\$3,000	\$3,000	\$9,000
Worker Salaries	\$7,000	\$7,000	\$7,000	\$21,000
Transportation of Waste (via south)	\$5,000	\$5,000	\$5,000	\$15,000
Disposal of Waste	\$5,000	\$5,000	\$5,000	\$15,000
Transportation of Material/Workers	\$50,000	\$50,000	\$100,000	\$200,000
Travel Airfare	\$5,000	\$5,000	\$0	\$10,000
Travel Expenses	\$3,000	\$3,000	\$0	\$6,000
Material/Equipment	\$2,000	\$2,000	\$2,000	\$6,000
Communication and Translation	\$500	\$500	\$500	\$1,500
Sub-total	\$87,500	\$87,500	\$127,500	\$302,500
KRG administrative Costs (10%)	\$8,750	\$8,750	\$12,750	\$30,250
Weather Condition Provision (15%)	\$13,125	\$13,125	\$19,125	\$45,375
TOTAL	\$109,375	\$109,375	\$159,5375	\$378,125

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 2020-2021 in 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 this is reflected in the rehabilitation of a number of these sites since 2018,the outreach with mining exploration companies regarding their obligation under the Mining Act as well as the extension of the contribution agreement.

APPENDIX 1: STATUS OF ALL ABANDONED MINERAL EXPLORATION SITES REQUIRING MAJOR, INTERMEDIATE & MINOR CLEANUP WORK IN NUNAVIK

Site Name	Status
SITES REQUIRIN	G MAJOR CLEANUP
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
SITES REOUIRING IN	TERMEDIATE CLEANUP
KAW-36	Cleaned
KAW-59	Cleaned
KAW-119	Cleaned
P-24F	Cleaned
TA-1	Cleaned
TA-2	Cleaned
TO-6	Cleaned
TO-10	Cleaned
TO-14	Cleaned
VP-11	Cleaned
G-24N04-3	Cleaned
PJ-17A	Cleaned
PJ-19	Cleaned
OC-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	Classed
GW/ 9	Classed
KAW 28	Cleaned
SITES PEOLIPIN	G MINOR CLEANUP
KAW-28	Cleaned
KAW 42A	insignificant
KAW 13	insignificant
KAW 54	insignificant
KAW 59	insignificant
KAW 60	insignificant
KAW-00 KAW 62	insignificant
NAW-03	insignificant
KAW-0/A	insignificant
KAW-09 KAW 70	insignificant
KAW-/2 KAW 5	insignificant
KAW-3 KAW 10	insignificant
KAW-10	insignificant
KAW-20	Classed
NAW-112	Cleaned
PD-1	Cleaned
PD-2	Cleaned

Site Name	Status
SITES REOUIRING MINO	DR CLEANUP
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
UD-6 UM-1	Insignificant Insignificant
UD-6 UM-1 NEWLY IDEN	Insignificant Insignificant NITIFIED SITES
UD-6 UM-1 Gerido-1	Insignificant Insignificant NTTIFIED SITES
UD-6 UM-1 Gerido-1 Gerido-2 Corride 2	Insignificant Insignificant NTTIFIED SITES
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Corrido 4	Insignificant Insignificant ITTIFIED SITES
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido 5	Insignificant Insignificant ITTIFIED SITES
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido 6	Insignificant Insignificant ITTIFIED SITES
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6	Insignificant Insignificant ITTIFIED SITES Classed
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Lordon Lake-2	Insignificant Insignificant ITTIFIED SITES Cleaned Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-2 Lordon Lake-3	Insignificant Insignificant ITIFIED SITES Cleaned Cleaned Cleaned Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3	Insignificant Insignificant ITIFIED SITES Cleaned Cleaned Cleaned Cleaned Cleaned Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-2 Jordon Lake-3 Jordon Lake-4 GR-1	Insignificant Insignificant ITIFIED SITES Cleaned Cleaned Cleaned Cleaned Cleaned Cleaned Cleaned Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-3 Jordon Lake-4 GR-1 GR-2	Insignificant Insignificant ITIFIED SITES Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill)	Insignificant Insignificant ITIFIED SITES Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp)	Insignificant Insignificant ITIFIED SITES Cleaned Partially Cleaned Partially Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6	Insignificant Insignificant ITTIFIED SITES Cleaned Cleaned Cleaned Cleaned Cleaned Cleaned Cleaned Cleaned Cleaned Partially Cleaned Cleaned Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth	Insignificant Insignificant ITIFIED SITES Cleaned
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth KG-1	Insignificant In
UD-6 UM-1 <u>NEWLY IDEN</u> Gerido-1 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-6 Weymouth KG-1 KG-2	Insignificant In
UD-6 UM-1 <i>NEWLY IDEN</i> Gerido-1 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth KG-1 KG-2 KG-3-9*	Insignificant In
UD-6 UM-1 <i>NEWLY IDEN</i> Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 Jordon Lake-4 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth KG-1 KG-2 KG-3-9* EG-1-4*	Insignificant In
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth KG-1 KG-2 KG-3-9* EG-1-4* Vincenza	Insignificant In
UD-6 UM-1 NEWLY IDEN Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 Jordon Lake-3 Jordon Lake-4 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth KG-1 KG-2 KG-3-9* EG-1-4* Vincenza Watts Lake-1	Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Cleaned
UD-6 UM-1 NEWLY IDEN Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 Jordon Lake-3 Jordon Lake-4 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth KG-1 KG-2 KG-3-9* EG-1-4* Vincenza Watts Lake-1 Watts Lake-2	Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Cleaned
UD-6 UM-1 NEWLY IDEN Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth KG-1 KG-2 KG-3-9* EG-1-4* Vincenza Watts Lake-1 Watts Lake-2 Lac Guindeau	Insignificant In
UD-6 UM-1 Gerido-1 Gerido-2 Gerido-2 Gerido-3 Gerido-4 Gerido-5 Gerido-6 Jordon Lake-1 Jordon Lake-1 Jordon Lake-2 Jordon Lake-2 Jordon Lake-3 Jordon Lake-3 Jordon Lake-3 GR-1 GR-2 GR-3 (Drill) GR-3 (Camp) GR-6 Weymouth KG-1 KG-2 KG-2 KG-3-9* EG-1-4* Vincenza Watts Lake-1 Watts Lake-2 Lac Guindeau SW-27C	Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Insignificant Cleaned

APPENDIX 2: PHOTOGRAPHS OF SITES ON WHICH REHABILITATION WORK WAS UNDERTAKEN IN 2020-2021



Kuujjuaq

Figure 3 Marine Container shipped from Kuujjuaq, July 2019



Figure 4 Propane and mixed fluids prepared and treated by Avataani, Kuujjuaq, September 2020

Kangirsuk



Figure 5 Propane cylinders to be treated by recycling facility, Kangirsuk, July 2020



Figure 6 Box with propane cylinders ready for transport, Kangirsuk, July 2020



Figure 7 Propane cylinders ready for transport, Kangirsuk, July 2020

Kangiqsualujjuaq



Figure 8 Container of mixed debris from summer 2019



Figure 9 Container, propane and drums from summer 2019



Figure 10 Container with mixed debris from GR-6 and GR-3 drill sites, 2020



Figure 11 Container with mixed debris from GR-6 and GR-3 drill sites, 2020



Figure 12 Container with mixed debris from GR-6 and GR-3 drill sites, 2020



Figure 13 Team untying the tractor coming from GR-6



Figure 14 Helicopter transporting the tractor



Figure 15 KRG containers located by the Kangiqsualujjuaq airport



Figure 16 Box of propane cylinders ready for transport

GR-6

Before



Figure 17 GR-6 site, 2019



Figure 18 PVC pipes at GR-6, 2020



Figure 19 Close-up on GR-6 site, 2019

After



Figure 20 GR-6 site, with only the tractor and the wood remaining, 2020



Figure 21 Wood remaining at GR-6 site, 2020

GR-3 (Drill)

Before



Figure 22 Site inspection with Kangiqsualujjuaq community representatives, 2020



Figure 23 Site inspection with Kangiqsualujjuaq community representatives, 2020



Figure 24 Site inspection with Kangiqsualujjuaq community representatives, 2020



Figure 25 Site inspection with Kangiqsualujjuaq community representatives, 2020



Figure 26 Site inspection with Kangiqsualujjuaq community representatives, 2020



Figure 27 Site inspection with Kangiqsualujjuaq community representatives, 2020



Figure 28 GR-3 Drill site completed with only wood remaining on site, 2020



Figure 29 GR-3 Drill site completed with only wood remaining on site, 2020



Figure 30 Helicopter transporting the drill pole to Kangiqsualujjuaq

GR-3 (Camp)



Figure 31 Drums prepared for transportation, 2020



Figure 32 Site GR-3 (Camp), 2020

Weymouth

Before



Figure 33 Shore of the Weymouth site, 2019



Figure 34 Pile of drums left by the shore of the Weymouth site, 2019



Figure 35 Weymouth site before clean-up work, 2020



Figure 36 Community inspection of the Weymouth site, 2020



Figure 37 Community inspection of the Weymouth site, 2020



Figure 38 Community inspection of the Weymouth site, 2020



Figure 39 Community inspection of the Weymouth site, 2020



Figure 40 Community inspection of the Weymouth site, 2020



Figure 41 Community inspection of the Weymouth site, 2020

After



Figure 42 Team crushing drums, 2020



Figure 43 Stored debris for snowmobile pick-up, 2020



Figure 44 Stored debris for snowmobile pick-up, 2020



Figure 45 Stored debris for snowmobile pick-up, 2020



Figure 46 Stored debris for snowmobile pick-up, 2020



Figure 47 Full drums left by the central cabin, 2020

APPENDIX 3 - PHOTOGRAPHS OF SITES ON WHICH REHABILITATION WORK WILL BE UNDERTAKEN IN 2021-2022

GERIDO SITES



Figure 48 Gerido-1, June 2017



Figure 49 Gerido-2, June 2017



Figure 50 Gerido-3, June 2017



Figure 51 Gerido-4, June 2017



Figure 52 Gerido-5, June 2017



Figure 53 Gerido-6, June 2017