ANNUAL REPORT:
Ulu Gold Project
Exploration and Progressive Reclamation
20EN001
2BM-ULU2030

Kitikmeot Region, Nunavut

March 2023

BLUE STAR
GOLD CORP.

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1. TABLE OF CONCORDANCE: Ulu Annual Reporting Requirements, by Authorization

Table 1. 20EN001 and 2BM-ULU2030 Reporting Requirements.

Corresponding Authorization Item/Paragraph #	Term	Corresponding Report Section
	20EN001	
4	4. The Proponent shall submit a comprehensive annual report with copies provided to the Nunavut Impact Review Board, by March 31st of each year of permitted activities beginning March 31, 2022. The annual report must contain at least the following information: a) A summary of activities undertaken for the year, including but not limited to:	*2.1*
4a	▪ a map showing the approximate location of drill sites;	*Figure 1*
	▪ a description of local hires, contracting opportunities and initiatives;	*5*
	▪ a map showing the location of the fuel cache(s);	*Figure 1*
	▪ flight altitudes, frequency of flights and flight routes;	*2.4*
	▪ site photos;	*Appendix C*
	▪ any reclamation work undertaken;	*4.4*
4b	A work plan for the following year, including any progressive reclamation work to be undertaken;	*8*
4c	A summary of community consultations undertaken throughout the year, providing copy of materials presented to community members, a description of issues and concerns raised, discussions with community members and advice offered to the company as well as any follow-up actions that were required or taken to resolve any concerns expressed about the project proposal;	*6*
4d	A log of instances in which community residents occupy or transit through the project area for the purpose of traditional land use or harvesting. This log should include the location and number of people encountered, activity being undertaken (e.g., berry picking, fishing, hunting, camping, etc.), date and time; and any mitigation measures or adaptive management undertaken to prevent disturbance;	*4.11*
4e	A discussion of issues related to wildlife and environmental monitoring, including the number of cease-work orders required as a result of proximity to caribou and any other wildlife;	*4.8*

4f	A brief summary of WMMP results as well as any mitigation actions that were undertaken. In addition, the Proponent shall maintain a record of wildlife observations while operating within the project area and include it as part of the summary report. The summary report based on wildlife observations should include the following:	*4.8* *Appendix E*
	1. Locations (i.e., latitude and longitude), species, number of animals, a description of the animal activity, and a description of the gender and age of animals if possible. 2. Prior to conducting project activities, the Proponent should map the location of any sensitive wildlife sites such as denning sites, calving areas, caribou crossing sites, and raptor nests in the project area, and identify the timing of critical life history events (i.e., calving, mating, denning and nesting). 3. Additionally, the Proponent should indicate potential impacts from the project, and ensure that operational activities are managed and modified to avoid impacts on wildlife and sensitive sites.	*4.8* *Appendix E*
4g	An analysis of the effectiveness of mitigation measures for wildlife;	*4.8*
4h	Summary of any heritage sites encountered during the exploration activities, any follow-up action or reporting required as a result and how project activities were modified to mitigate impacts on the heritage sites;	*4.12*
4i	Summary of its knowledge of Inuit land use in/near the project area and explain how project activities were modified to mitigate impacts on Inuit land use; and	*4.11*
4j	A summary of how the Proponent has complied with conditions contained within this Screening Decision, and all conditions as required by other authorizations associated with the project proposal.	*4* *Appendix B*
2BM-ULU2030		
B10	The Licensee shall file an Annual Report on the appurtenant undertaking with the Board no later than March 31 of the year following the calendar year being reported, which shall contain the following information:	*2.1*
B10a	tabular summaries and analysis of all data collected under the Monitoring Program in Part J;	4.6 Table *5* *Appendix D*
B10b	a summary of any construction work, modification and/or major maintenance work carried out on the facilities related to Water use and Waste deposit, including all associated structures, and an outline of any work anticipated for the next year;	*4.1* *8*
B10c	results for samples collected on ore and waste rock as referred to in Part D, Item 15;	*4.6.1*
B10d	a list of unauthorized discharges and follow-up action taken;	*4.6* *Appendix A*
B10e	updates or revisions to the Waste Management Plan, Spill Response Plan, Interim Closure and Reclamation Plan, and any other plans associated with the Licence. Revisions may be subject to Board approval;	*6*

B10f	any updates to the estimate of the restoration liability, as required under Part B, Item 5 and 6, based upon the results of the restoration research, project development monitoring, and any modifications to the site plan;	*4.5*
B10g	a brief description of follow-up action taken to address concerns detailed in inspection and compliance reports prepared by the Inspector;	*4.10*
B10h	report all artesian flow occurrences as required under Part F, Item 3;	*4.3*
B10i	a summary of hazardous materials shipped out, the treatment received, and the location of the approved treatment facility to which they were sent;	*4.5.2* *4*
B10j	a summary of any abandonment and restoration work completed during the year and an outline of any work anticipated for the next year;	*4.1* *4.4* *8*
B10k	a summary of any specific studies or reports requested by the Board, and a brief description of any future studies planned or proposed;	*4.10*
B10l	a public consultation/participation report describing consultation with local organizations and residents of the nearby communities, if any were conducted; and	*6*
B10m	any other details on Water use or Waste disposal requested by the Board by the 1st of November of the year being reported.	*4.10*

2. INTRODUCTION

2.1. PURPOSE

The purpose of this document is to fulfill annual reporting requirements pursuant to project authorizations for the Ulu Gold Project (Ulu), specifically the Nunavut Impact Review Board Screening Decision 20EN001 and Nunavut Water Board Water (NWB) Licence 2BM-ULU2030, and to provide an outline of activities undertaken and reportable monitoring results. The NWB Annual Report Standard Form can be found in Appendix A along with supporting and additional information where required. Coordinated reporting for both the NIRB and the NWB is provided for transparency and efficiency.

Blue Star's Ulu project is contiguous with its Hood River Gold Project (Hood River) but not with its Roma Project. Activities in 2022 were licenced by the Kitikmeot Inuit Association (KIA) under one licence, while there is a water licence for Hood River and Roma and a separate water license for Ulu, with mineral rights for each property also held separately. Ulu activities were coordinated with works undertaken at Roma and Hood River, with the Ulu camp and infrastructure supporting the Roma and Hood River exploration. Roma and Hood River are discussed herein to inform an understanding of local site activities and program context.

Activities undertaken at Ulu were limited to exploration and progressive reclamation; mine operations have not resumed.

This report has been submitted on or before March 31, 2023.

2.2. SITE LOCATION AND DESCRIPTION

The activities licensed under KTL311C013 occurred on Inuit Owned Lands (IOL) parcel CO-20, CO-28 and CO-29 in an area referred to as the Ulu Gold Project (Ulu), Roma Gold Project (Roma) and the Hood River Gold Project, including exploration, camp operation, quarrying, fuel storage and progressive reclamation. Activities in 2022 occurred pursuant to authorizations listed in Table 3. Limited esker quarrying was undertaken at Ulu under KTCA20Q004. Additional work was undertaken on Crown land, Ulu project and Roma project, and is included in Table 3 for completeness.

All exploration activities were undertaken based out of the Ulu camp, with drilling and prospecting occurring in a variety of areas as illustrated in Figures 1 and 2. Progressive reclamation of the Ulu mine site was undertaken in 2022 but was limited in scope to continued research of site parameters including: installation of thermal monitors, test pitting to evaluate the camp/infrastructure pad, and sampling of stockpiled soils; additional activities included the staging of items for future landfilling. Ulu was accessed via the existing Ulu airstrip and serviced by direct charter flights from Yellowknife.

The Hood River camp undertook final closure in 2021 and all unused core boxes were moved back to Ulu Camp in 2022. All activities occurring on the Hood River Mineral Exploration Agreement area operated out of the Ulu camp and, for the purposes of land use and reporting, are consolidated with Ulu and may be collectively referred to as Ulu. This report describes activities specifically occurring on IOL.

2.3. PANDEMIC PREPAREDNESS & RESPONSE

Governmental COVID-19 restrictions and rules in Nunavut were lifted in 2022, however, Blue Star's field travel program maintained a COVID screening process, albeit reduced from previous years. The camp did not have a limit to the number of personnel on site, and Blue Star was able to access communities for local hires

and for public consultation.

Pursuant to public health orders, the Project Execution and Exposure Control Plan (the Plan; Blue Star 2020) in cooperation with the KIA, CIRNA, and the Chief Public Health Offices (CPHO) in both Nunavut and the Northwest Territories was not amended, revised or submitted for 2022. However, preventive off-site and on-site testing for COVID-19 was implemented, and included testing before transportation from Yellowknife to camp, three days after arriving in camp, and as necessary if workers felt symptoms believed to be related to COVID-19. In July 2022 eight persons tested positive for COVID-19 and Blue Star following its Plan saw no new cases and full recovery of noted cases within a ten-day period.

For the duration of the 2022 field season, workers from Nunavut communities were allowed to access the work sites. Blue Star is very pleased to report a successful hiring outcome, with respect to hiring workers from local communities and to having an unrestricted number of personnel in the camp.

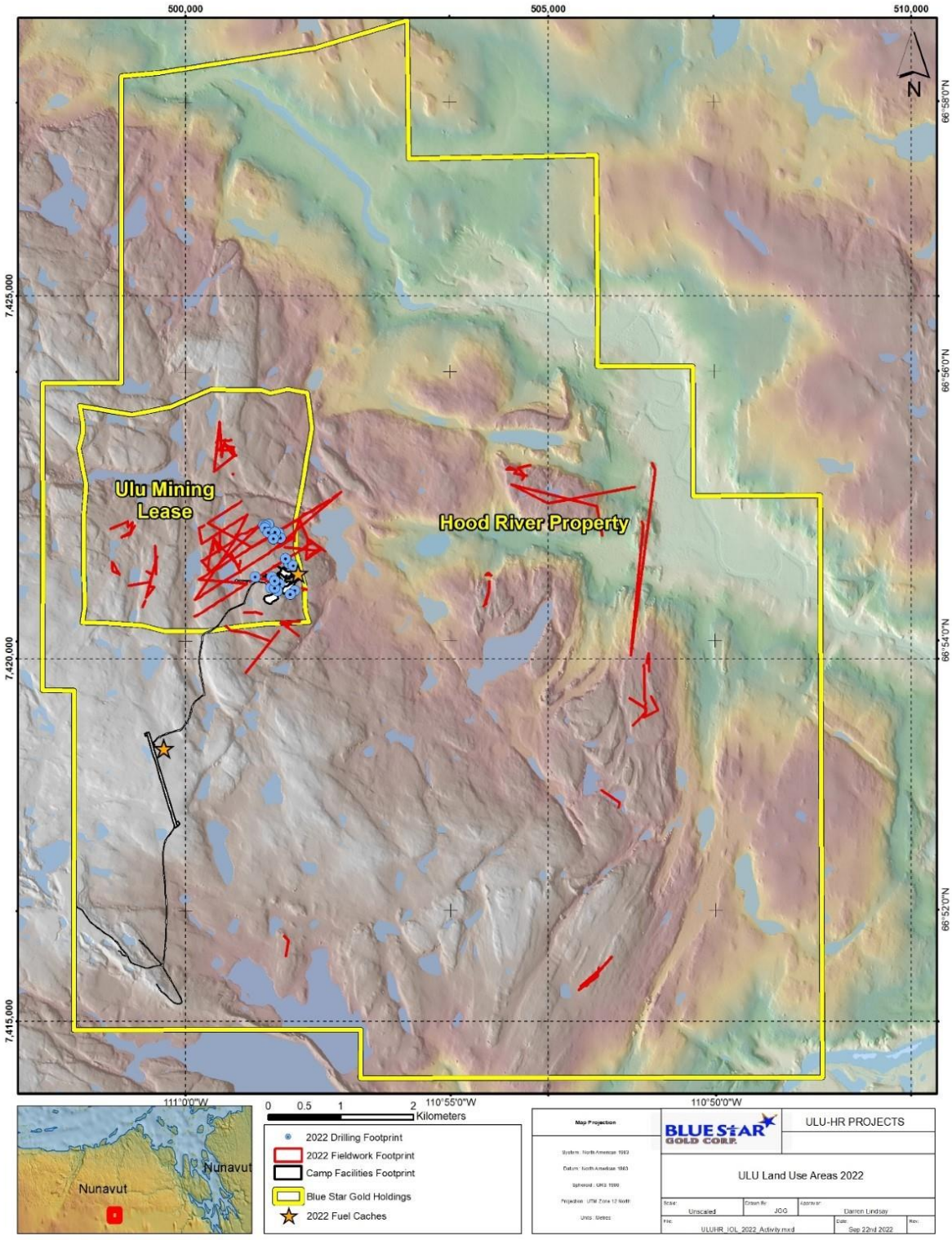

Figure 1: Location map and 2022 study area (1/2). Red lines mark foot traverse.

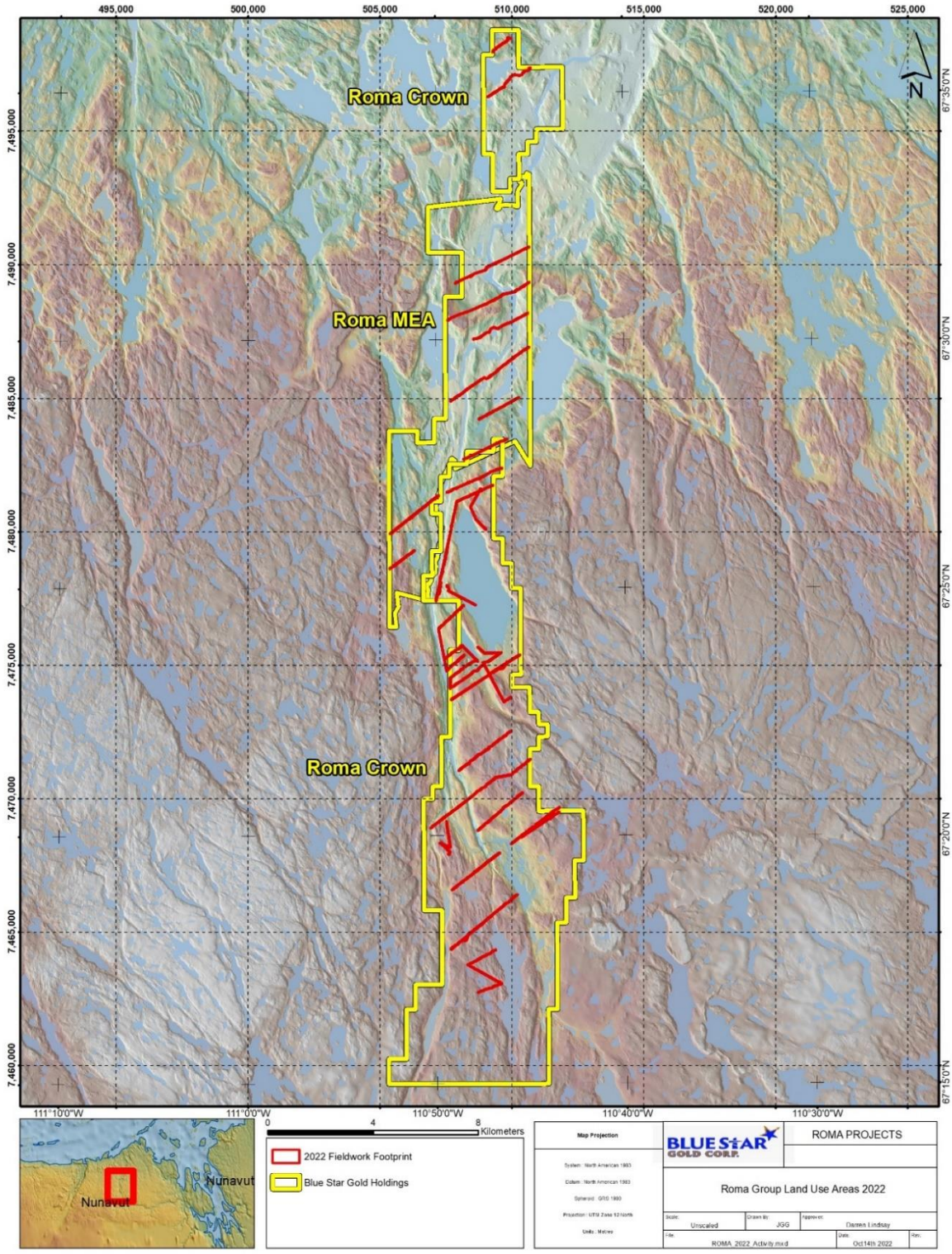

Figure 2: Location map and 2022 study area (1/2). Red lines mark foot traverse.

2.4. LOGISTICS & ACCESS

Crews and supplies accessed Ulu via fixed wing from Yellowknife to the Ulu airstrip twice weekly. Personnel and supplies arriving and departing by fixed wing were shuttled between the Ulu airstrip and Ulu camp by light duty vehicle.

Depending on weather and payload, fixed wing flights typically cruised at altitudes between 6,000 and 10,000 feet, or as dictated by safety and weather considerations, at the pilot's discretion. Incoming and outgoing flights, frequencies and flight routes are listed below in Table 2.

Daily helicopter overflights of remote work areas were undertaken most mornings prior to the start of work or coincident with shift change to determine local wildlife presence and resulting subsequent flying heights. In the absence of wildlife, local low-level flights occurred daily between the camp and nearby drill sites or exploration areas to support the movement of people and supplies.

Table 2. Table of flight information, field season 2022.

Flight ID	Date	Aircraft Company	Aircraft Model	Site	In From	Out To
8	June 1, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
10	June 2, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
11	June 4, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
7	June 11, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
13	June 14, 2022	Great Slave Helicopters	AStarB2	Ulu Camp	Yellowknife	Yellowknife
12	June 14, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
14	June 15, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
15	June 15, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
16	June 15, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
17	June 16, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
18	June 16, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
19	June 17, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
21	June 18, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
22	June 18, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
23	June 21, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
24	June 24, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
25	June 25, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
26	June 28, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
27	July 2, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
28	July 5, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
29	July 6, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife

Flight ID	Date	Aircraft Company	Aircraft Model	Site	In From	Out To
30	July 8, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
31	July 9, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
32	July 12, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
33	July 13, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
34	July 16, 2022	Air Tindi	Dash7	Ulu Camp	Yellowknife	Yellowknife
35	July 19, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
36	July 23, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
37	July 24, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
38	July 26, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
39	July 28, 2022	Air Tindi	Dash7	Ulu Camp	Yellowknife	Yellowknife
40	July 31, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
41	August 2, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
42	August 3, 2022	Air Tindi	Basler	Ulu Camp	Yellowknife	Yellowknife
43	August 6, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
44	August 9, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
45	August 13, 2022	Air Tindi	Dash7	Ulu Camp	Yellowknife	Yellowknife
46	August 15, 2022	Air Tindi	Dash7	Ulu Camp	Yellowknife	Yellowknife
47	August 16, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
48	August 23, 2022	Buffalo Air	Basler	Ulu Camp	Yellowknife	Yellowknife
49	August 27, 2022	Buffalo Air	C-46	Ulu Camp	Yellowknife	Yellowknife
50	August 28, 2022	Air Tindi	Dash7	Ulu Camp	Yellowknife	Yellowknife

3. AUTHORIZATIONS

Current authorizations relating to the 2022 work program are listed in Table 3. Appendix B includes an assessment of compliance with 20EN001.

Table 3. Authorizations and compliance summary for 2022 work program.

Item	Description	Scope	Issuing body	Compliance Summary
Hood River				
HoodRiver-001	Mineral Exploration Agreement	Subsurface mineral rights	Nunavut Tunngavik Inc. (NTI)	Work conducted. Reporting underway, due in June.
2BE-HRP1932	Water licence	Drilling and domestic water use and associated waste deposit, Hood River	NWB	No drilling and domestic water use and waste deposit occurred in 2022. Annual reporting submitted. Activities in compliance with authorization.
19EA019	Screening Decision Report	Exploration, prospecting, mapping, sampling, camp establishment, fuel storage, access, baseline environment and heritage studies	Nunavut Impact Review Board (NIRB)	All activities undertaken within scope of screening decision. Activities in compliance with authorization.
149067	Conformity determination	Exploration, prospecting, mapping, sampling, camp establishment, fuel storage, access, baseline environment and heritage studies	Nunavut Planning Commission (NPC)	-
Ulu				
KTCA20Q004	Quarry Permit Agreement	Quarrying of granular materials	KIA	Esker material was reported, and royalty paid.
L-3563	Mining Lease	Subsurface mineral rights	Crown-Indigenous Relations and Northern Affairs (CIRNA)	Work conducted. Lease in good standing.

2BM-ULU2030	Water licence	Drilling and domestic water use and associated waste deposit, reclamation, bulk sampling, quarrying	NWB	Drilling and domestic water use and waste deposition occurred along with reclamation work.
149269, 149305	Conformity determination	Exploration, prospecting, mapping, sampling, camp establishment, fuel storage, access, baseline environment, and heritage studies, progressive reclamation, bulk sampling, quarrying, winter trail	NPC	-
EC-00057628	Storage tank registration	Single collapsible Arctic King tank, 50,000 L, for diesel storage, in service when site is occupied.	Environment and Climate Change Canada	Registered in 2021, temporarily withdrawn from service at the end of the field season.
Roma				
149067	Conformity determination	Exploration, prospecting, mapping, sampling, camp establishment, fuel storage, access, baseline environment and heritage studies	Nunavut Planning Commission (NPC)	-
2BE-HRP1932	Water licence	Amendment of 2BE-HRP1924; Mineral tenure at an adjacent property; Increased water volume use and effluent limits	NWB	Drilling and domestic water use and waste deposit did not occur. Annual reporting submitted. Activities in compliance with authorization.
Hood River, Ulu, Roma				
KTL311C013	Land use licence	Exploration, camp operation, reclamation	KIA	Exploration, camp operation and reclamation undertaken. Annual reporting completed. Water and land use fees paid.

				Activities in compliance with authorization.
2022-22A	Nunavut Archaeologist Permit	Archaeological impact assessment	Government of Nunavut (GN)	No work was undertaken pursuant to this permit in 2022.
20EN001	Screening Decision Report	Exploration, prospecting, mapping, sampling, camp establishment, fuel storage, access, baseline environment, and heritage studies, progressive reclamation, bulk sampling, quarrying, winter trail	NIRB	All activities undertaken within scope of screening decision. Annual reporting herein Activities in compliance with authorization.
2021-042	Wildlife research permit	Collect data on current conditions in study area which may support future impact assessment, deploy up to 10 cameras in the vicinity of Ulu infrastructures and activities to collect data on local wildlife use	GN Department of Environment	No work was undertaken pursuant to this permit in 2022.

4. 2022 WORK PROGRAM

Land use activities in 2022 occurred between June 1st and September 5th, and involved: opening/closing, improvement and operation of the existing Ulu camp; assessment and maintenance of the Ulu surface fleet; diamond drilling; prospecting, mapping and sampling; quarrying; progressive reclamation of the Ulu site including landfill staging, contaminated soil monitoring, contaminated water management, metal leaching and acid rock drainage (ML/ARD) assessment; airstrip maintenance; fuel caching (drums); waste backhaul; ground based and airborne geophysical surveys, and compliance monitoring. Details of the program are provided below with related photos provided in Appendix A.

Blackwater was incinerated, greywater was discharged to a sump, drinking water was withdrawn from West Lake, and fuel caches were maintained. Cuttings from the core saw were discharged to a natural sump.

No sampling was undertaken pursuant to 2BM-ULU2030 Part D Item 15 as the Licensee is not currently in the process of resuming on site operations.

4.1. CONSTRUCTION, MODIFICATIONS AND MAINTENANCE

Upon accessing the Ulu camp, some minor damage from wildlife was repaired and three tents were constructed, two additional tents were erected together to form a site office. No modifications were made to the core shack this season. To aid water management the core cutting shack was modified to discharge saw cuttings to a natural sump. The existing camp grey water sump was backfilled for health and safety reasons with a new smaller French drain established that discharged to a natural sump away from the camp pad. Photos of the modified grey water sump are provided in Appendix C.

The surface fleet was assessed by qualified heavy duty equipment technicians with maintenance only undertaken on equipment required for the seasonal work. The remaining retired equipment was staged in a single location for better management of future reclamation activities.

An engineered facility, the non-hazardous waste landfill, had routine maintenance of the interim cover undertaken under the supervision of the Project Engineer and are discussed in further detail below.

4.2. NON-HAZARDOUS LANDFILL

For the season 2022 no landfilling was planned. Minor improvements to the interim cover were made to improve surface water run-off. All landfilling occurs according to the approved Landfill Management Plan.

4.3. ROAD AND AIRSTRIP MAINTENANCE

No winter roads were constructed or used during the program.

No significant road maintenance was required in 2022. The airstrip surface however received a refreshed topcoat of esker material that was subsequently compacted in order to improve take-off and landing of chartered aircraft.

Blue Star confirms that materials used for road repairs and airstrip maintenance were from an

approved source, being the quarry licenced under KTCA20Q004, and are geochemically suitable as reported to the NWB in 2020.

4.4. EXPLORATION ACTIVITIES

The Exploration program included diamond drilling, core cutting, prospecting, geophysical surveys, sampling and mapping. One diamond drill was utilized, drilling 3,865 m in 28 holes. Cuttings and drill water were discharged to sumps adjacent to drill areas. In all cases, nearby watercourses were used as water sources. No artesian flows were encountered during drilling. Cuttings from the core saw were discharged to a natural sump at the edge of the camp pad proximal to the core cutting shack.

Approximately 1365-line km of airborne geophysics was completed over Hood River, in addition to 4 days of ground geophysics at Hood River and 10 days at Ulu. A total of 159 till samples were collected on the Ulu property as part of a pilot till survey. On the Roma property a total of 962 till samples were collected, while 1784-line km of airborne geophysics were conducted. 93 soil samples were collected from Roma, one from the Ulu Mining Lease, and two from Hood River between July 7 and August 13.

As a part of its ongoing exploration program, Blue Star utilized a proprietary process to support on-site preparation of mineral samples and reduce overall program effects associated with long lab wait times in 2022. This process involved mixing a proprietary powdered substance (considered non- hazardous under *Transportation of Dangerous Good Regulations*) with site water and till samples.

The used lixiviant of this process was evaluated with a laboratory analysis which led to the decision to store the fluid in drums which were subsequently sent off-site for disposal.

4.5. PROGRESSIVE RECLAMATION ACTIVITIES

Progressive reclamation was undertaken pursuant to the approved *Interim Closure and Reclamation Plan*, including. Activities undertaken are detailed below.

4.5.1. Non-Hazardous Waste Management

The non-hazardous waste is routinely backhauled off-site for disposal by Blue Star's environmental consultant Kitikmeot Environmental Ltd. in Yellowknife. The Company requests and has received certificates of disposal once the waste has reached its final disposal destinations.

Table 4 specifies the non-hazardous waste backhauled to Yellowknife which includes incinerator ash as a secondary product, accrued between June 2nd and September 1st by the camp incinerator.

4.5.2. Hazardous Waste Management

Construction of the Soil Treatment Facility ('STF') continued to be deferred in 2022 pending outcomes of an on-going Reclamation Research Program (2021) and Soil Treatment Facility Management Plan (2021). Legacy contaminated soil/esker was stockpiled within the lined area of the former main tank farm in 2020. All stockpiles and the former tank farm berm were sampled in June and July 2021 by Kitikmeot Environmental Ltd ('KEL') to determine suitability for either: placement in the landfill, treatment in the future on site soil treatment facility, or backhaul for offsite disposal. In August 2022 additional sampling was undertaken of four stockpiles previously identified as requiring treatment to further evaluate the natural degradation of hydrocarbons in the soil piles. Based on this year's results all four sampled stockpiles can be used for landfill subsurface soil indicating a reasonable rate of

natural recovery of the contaminated soils. An estimated 1,930 m^3 of impacted soil was measured with impact concentrations meeting sub-surface landfill reuse criteria and can be placed in the landfill while an estimated 170 m^3 of impacted soil greater than sub-surface landfill reuse criteria was measured. Further sampling is proposed for 2023 to determine a trend of natural remediation of this material type.

KEL also collected six groundwater samples from test pits TP3, TP13, TP16, TP26, TP27, and TP28 and submitted them for PHC analysis. All concentrations for the samples collected were below the applied guidelines and/or below laboratory detection limits.

Polychlorinated Biphenyls

While segregating legacy waste in 2021, an old transformer was found comingled with other solid waste staged for disposal by the previous owner. The transformer's data plate indicates it was manufactured in 1966 and accordingly, it was suspected of containing polychlorinated biphenyls (PCBs). While the transformer was found to have been mostly drained, approximately 50 l of residual oil was removed and tested, confirming the presence of Aroclor 1260. The transformer has now been drained completely, the remaining oil removed from site to the custody of a hazardous waste receiver, the transformer stored in accordance with the PCB Regulations (2008) and appropriate signage installed. No additional work was completed on this equipment this season; it is proposed to be part of the next phase of interim equipment cleanup and staging program.

Hazardous Waste Backhaul

Hazardous waste streams recovered across the Ulu site were segregated and backhauled to Kitikmeot Environmental Ltd. in Yellowknife, as listed in Table 4.

Table 4. Waste backhauled from Ulu, 2022.

Waste description	UN #	Quantity
Hazardous Waste		
Batteries - lead acid	UN2794	218 kg
Waste leachate-mix	-	1200 l
Waste leachate-oil	-	800 l
Waste leachate-sludge	-	400 l
Non-Hazardous Waste		
Plastics/recyclables	-	272 kg
Scrap metal	-	567 kg
General debris	-	550 kg
Incinerator ash	-	1400 kg
Oil/fuel filters	-	657 kg
Oily debris	-	727 kg
Rags and absorbents	-	349 kg
Water contaminated with hydrocarbons	-	200 l

4.6. RECLAMATION SECURITY

Further to Part B Items 5 and 6 of 2BM-ULU2030, the Licensee is not currently planning to resume active operations or proceed to final closure, nor were there changes in operations, components and/or technology. Accordingly, no updates to the restoration liability estimate are provided.

Restoration research, project development monitoring, and any modifications to the site plan undertaken are discussed below. As the reclamation research program is ongoing outcomes of upcoming studies in 2023 will inform and changes, if needed, to the reclamation security. Accordingly, a related update to the restoration liability is not considered appropriate until studies are complete, and so is not included in this annual report.

4.7. RECLAMATION RESEARCH

As listed in Section 4.6 of the approved *Interim Closure and Reclamation Plan*, reclamation research includes four topics, each discussed in subsequent sections:

- Material suitability for landfill erosion covers;
- Material suitability for thermal cover;
- Ore rock management and waste rock management.

4.7.1. Landfill Cover

Qualitative preliminary landfill cover assessment was undertaken through visual observation of the stability of existing materials historically placed around the Ulu site. Materials continue to appear stable with little to no evidence of erosion or other instability. Samples were collected for offsite compaction testing; results were pending at the time of reporting.

4.7.2. Ore and Waste Rock Management

A study of ML/ARD potential of legacy waste rock forming the base of the infrastructure pads was continued, pursuant to the approved *Interim Closure and Reclamation Plan* (Plan Appendix A). In 2022 Blue Star undertook the following programs to inform a thorough and current understanding of ML/ARD conditions at Ulu arising from legacy use of waste rock and ore in construction. While final reporting is currently ongoing from a third-party company, a summary of each program component is provided below:

- Delay to onset of ARD conditions
  - Seepage study;
  - Test pits;
- Thermal cover evaluation.

4.7.3. Delay to Onset of ARD Conditions

As reported in the former annual reports pursuant to 2BM-ULU2030, further investigations into the nature and extent of waste rock, ore and esker used in historic infrastructure construction are needed to inform a current understanding of weathering and MLARD potential occurring at Ulu.

Rock samples collected in 2020 were analysed for mineralogy in 2021 to inform a more representative understanding of site-wide conditions in infrastructure pads. In 2021 and 2022, surface samples were collected, test pits were excavated throughout the Ulu infrastructure pads and rinse pH testing was undertaken. Figure 6 shows the locations of seepage sampling and monitoring at ponds, drainage systems around the camp area. Five compliance monitoring stations are located near the airstrip as well as one seepage monitoring sample station. The other 17 seepage monitoring sample stations are

closer to the camp and complement ten compliance monitoring stations near the ore pad, waste rock stockpile, waste rock portal pad, and the surrounding lakes. The sampling locations and stations are used for in-situ measurements, comprising pH, temperature, dissolved oxygen, oxidation-reduction potential analysis and water sampling for detailed analytics in a laboratory.

The seepage survey was undertaken throughout the season 2022 capturing both freshet and late seasonal conditions, providing input into the prediction of delay to ARD and informing an understanding of current ecological risk posed by ARD. Ninety-two (repeating) inspections, comprising visual control, sampling of water and taking measurements, had been carried out in 2022. The data will be compared with six reference stations located between Ulu Lake in the north and Airstrip in the south to distinguish between natural (hydrochemical) background drainage values and (anthropogenous) anomalies at the camp. Preliminary findings indicate the following:

- Sulphide oxidation and corresponding dissolution of calcite seem to be the dominant processes influencing water chemistry;
- Contact water and stagnant seepage varies between pH 5.0 to 8.1. While higher pH's indicates that waste rock is not generating ARD, low pH-places seem to result from interaction with naturally acidic tundra soils, rather than ARD;
- ARD has not been encountered during seasonal sampling program since property acquisition by Blue Star;
- Contact water from acidic rock in the pads is currently being neutralized within deeper levels of the pads;
- Conditions are dilute at freshet;

Pads were found to be comprised of waste rock, overlain by esker in some areas, or, in the case of portions of the camp footprint, comprised entirely of esker. Comingled ore and waste rock (previously understood to be the ore stockpile) stored near the portal was not found to be acidic. Accordingly, material at the edges of the infrastructure pads, where the waste rock is not covered by esker, is most at risk of producing ARD due to short flow paths for neutralization. Preliminary calculations indicate this material may develop initial ARD in 1-16 years, while widespread ARD from typical areas of the infrastructure pads with existing 0.5 – 1 m esker sand cover is predicted to occur in 11-25 years.

4.7.4. Thermal cover evaluation

Pursuant to the 2021 and 2022 study results indicating esker sand cover may support a longer delay to ARD, thermal computer modelling was conducted to estimate the triggering variables for limiting sulphide oxidation rates. As temperature is a control on reaction rates, degree of sulphide oxidation is expected to decline with depth, even for rock in the exposed pads. Esker cover placed over waste rock is expected to reduce the thaw process, the temporal length of thawing, the active layer, thermal conductivity, and oxidation of sulfides. During the 2022 field season two thermistors were installed on the ore pad as a proxy for average camp infrastructure construction. One installation was within the 2 metres of pad thickness with the other installation through the same pad thickness with an additional layer of 1.6 metres of esker cover. The installed devices provide thermal data throughout the day accessible via satellite connection. Due to the installation disturbance the areas will need to return to stability before the data is meaningful and it is expected that a good dataset will be obtained within a 24 month period from the installation date assuming no issues with the devices. Results of this study will inform a decision on how to better address site ML/ARD management.

4.7.5. Project Development Monitoring

Monitoring was carried out in accordance with Schedule J of 2BM-ULU2030 and is reported herein.

4.7.6. Modifications to the Site Plan

At the time of reporting, modifications to the site plan are not anticipated. Should they be required, modifications will proceed in accordance with Part G.

4.8. WATER MANAGEMENT

Water use occurred in accordance with 2BE-HRP1932and 2BM-ULU2030. The Monitoring Program requires reporting of information tabulated in Table 5; Table 5 identifies where this information can be found herein.

The use of domestic water, obtained from the existing domestic water supply lake, West Lake, commenced on June 5th and ended on September 1st. Ulu core saw water was taken from the domestic water supply and was not separately metered. Accordingly, a total of 244.47 m^3 water was consumed for domestic and core saw use, with a daily maximum of 13.67 m^3 occurring during start-up to fill storge tanks. On average, 2.52 m^3 water was consumed daily.

Water use for drilling commenced on July 18th and ended on August 26th. Altogether, drill water was pumped from nearby watercourses at locations identified in Appendix A. A total of 2,208.11 m^3 water was used by drilling activities, an average of 31.5 m^3 per drill day. A detailed water usage schedule, listing daily values, can be found in the Appendix.

4.9. SPILLS

No hydrocarbon spill occurred during the field season 2022 and no reports needed to be filed with the KIA and CIRNA.

Table 5. Water Monitoring Program Results.

Station ID	Station Description	Location of Monitoring Results
ULU-1	Water Intake at West Lake	Appendix D
ULU-2	*Former sewage treatment plant effluent discharge. Inactive.*	*Not applicable*
ULU-3	*Former sewage treatment plant sludge. Inactive.*	*Not applicable*
ULU-4	*Minewater pumped from underground Mine Sump.*	*Not pumping from underground. Not applicable*
ULU-4b	Surface Retention Pond (mine sump).	*Not applicable*
ULU-5	*Settling/neutralization Pond 1. Inactive, pond not constructed.*	*Not applicable*
ULU-6	*Settling/neutralization Pond 2. Inactive, pond not constructed.*	*Not applicable*
ULU-7	Runoff from the waste rock storage area.	*Not applicable*
ULU-8	Runoff from the ore storage area.	Appendix D
ULU-9	Outflow East Lake.	Appendix D
ULU-10	*Ulu Lake inflow from East Lake. Inactive due to decommissioning of sewage treatment plant.*	*Not applicable*

ULU-11	Outflow Ulu Lake	Appendix D
ULU-12	*Domestic water intake for new Ulu camp. Not installed, camp not yet constructed.*	*Not applicable*
ULU-13	*Soil treatment facility water holding pond. Not installed, facility not yet constructed.*	*Not applicable*
ULU-14c	*Bulk fuel storage facility.*	Appendix D
ULU-15	*Landfill facility seepage. Inactive, facility not yet constructed.*	*Not applicable*
MW-1, -2, -3	*Soil treatment facility monitoring well. Not installed, facility not yet constructed.*	*Not applicable*

4.10. WILDLIFE INTERACTIONS

Blue Star undertook all activities pursuant to its Wildlife Protection Plan ('WPP') renewed in 2021. The WPP considers wildlife use of the area including sensitive sites and timing of critical life history events and outlines potential impacts posed by project activities and mitigation measures. No orders to stop work were issued. The mitigation measures contained in the WPP and implemented on site continue to be considered effective.

During the field season 2022, activities on Inuit Owned Lands did not result in destruction or harm to wildlife, however grizzly bears were noted on site this season. In summary five grizzly bear sightings were documented in and around the camp during the field season, some of which may have been repeat visits of the same bear(s). Early warnings using the site notification procedures (air horns and radios) led to harmless incidents without conflicts nor damages. Bear deterrents were used, but in some cases did not have an effect and a helicopter was used once to push a bear farther from the camp site. During the first few days of camp opening one observation was close to camp and was repeated, therefore that interaction was reported to the Kugluktuk Conservation Officer, Mr. Allan Niptanatiak.

While there were no other direct human-wildlife interactions, wildlife was observed throughout the program including: snow geese, Canada geese, eagles, raven, songbirds, waterfowl, arctic hare, caribou, muskox, grizzly bear, wolf and wolverine. Caribou calves were not observed in the project area this season and caribou concentrations have been avoided by aircraft. In summary, 41 caribou sightings were noted over the season, 22 in June, 13 in July and six in August; the largest herd observed this season was seven animals and a pair of caribou were routinely noted in camp for most of July. Further mitigations for this season were similar to previous seasons and included i.e. the avoidance of human-wildlife interaction, minimizing the activity footprint to existing disturbed areas wherever possible, and all personnel, including staff and contractors, were engaged in regular discussions on local wildlife. Further mitigations directly affecting wildlife did not take place, however mitigations related to the removal of (historical) drill casings, renaturation of drill sites and backhaul of hazardous and non-hazardous waste, affecting wildlife indirectly. In addition to routinely giving wildlife the right of way, specific measures were taken pursuant to the Wildlife Protection Plan, in two instances, each in relation to discovery of an active songbird nest, the area was flagged, access limited in the vicinity and the nest monitored until the birds left the nests.

4.11. QUARRY ACTIVITIES

A total of 761 m^3 of esker were extracted from the existing quarry area in June, July and August

2022.under KTCA20Q004. Borrow was predominantly used for thermal research which involved the installation of thermistors, but also for landfill re-leveling, road and airstrip maintenance and for filling old greywater sump pits. Royalties and land use fees have been paid.

4.12. ANNUAL INSPECTION ACTIVITIES AND BOARD/LANDOWNER REQUESTS

On August 11th, the KIA Lands inspector attended site to carry out an inspection. No written requests were received from the inspector within the report, however, the inspector verbally requested items summarized in Table 6. Status of follow-up actions is also presented.

On August 2nd and 3rd, the KIA contract engineer, SteveJan Consulting Engineering, visited site along with the Company's engineer of record and the Company's Vice President Exploration. All reclamation sites were reviewed including Camp 3 and Culvert 6 road repairs (2021), landfill, old greywater site, shop, waste management sorting location, incinerator ore pad and site infrastructure in general from the quarry to the camp.

The CIRNAC inspector did not undertake a site visit in 2022.

Table 6. Inspector requests and follow-up actions, 2022.

Inspector Request		Blue Star Action
KIA	Inspector requested a photo of the camp water meter	Photo of water meter provided
CIRNA	not applicable	not applicable

4.13. VISITORS AND OTHER LAND USERS

No community residents or land users attended Ulu in 2022 or were seen transiting through the project area while the camp was open. On August 11th, the KIA lands inspector attended site to carry out an inspection. During late August a GN wildlife biologist with wildlife spotters from Kugluktuk supported by a helicopter landed and refueled at the Ulu camp 3-4 times.

4.14. HERITAGE RESOURCES

As Blue Star's project archaeologist conducted an archaeological impact assessment of drill target areas in 2021, an assessment in 2022 was not required in accordance with Blue Star's Environment and Heritage Resources Protection Plan. Blue Star applied for a Class 2 Nunavut Territory Archaeologist Permit for 2022 for proposed new areas of drilling in advance of the season, however prior to program initiation those targets were removed from the program and the Archeology survey was not required. All drilling was carried out within the defined and previously assessed area of interest with any known sites protected from disturbance.

5. INUIT EMPLOYEES AND NORTHERN SERVICE PROVIDERS

In 2022, Blue Star directly employed six Nunavut residents after Covid pandemic restrictions in the previous years, most hires were from Kugluktuk and one from Gjoa Haven in Nunavut.

Throughout 2022, Blue Star was able to retain the services of 15 northern-based firms to the greatest extent possible, ten of which were registered on either the Kitikmeot Qualified Business Registry or the NTI Inuit Firm Registry, as listed in Table 7.

Table 7. Inuit owned and northern based firms contracted by Blue Star in 2022.

Firm	Qualified Kitikmeot Business[1]	Registered with NTI	Based in Northern Canada
62°North			NT
Aglu Consulting and Training Inc.		✓	NU
Aqsaqniq Airways Ltd. (Air Tindi)	✓	✓	NU
Aurora Geosciences Ltd.			NT
Buffalo Airways & Kitikmeot Air Ltd.	✓	✓	NT
Cascom Remote Communications and IT Solutions			NT
Discovery Mining Services & Nunavut Expediting Services			NT
Kingaunmiut Services Ltd.	✓	✓	NU
Kitikmeot Environmental Ltd.	✓	✓	NU
Norseman Property Holdings			NT
Northern Communication			NT
Northtech Drilling			NT
Nunami Stantec Limited		✓	NU
SRK Consulting (Yellowknife office)			NT
Weaver & Devore Trading Ltd.			NT

[1] As per Kitikmeot Qualified Business Registry, October 1, 2022.

6. COMMUNITY CONSULTATIONS

With relaxation of COVID travel restrictions the Company was not comfortable entering the communities in 2022 however plans to fully implement it community engagement program in 2023. Limited dialogue with the Hamlet of Kugluktuk, the KIA, the GN, NTI and past workers was ongoing throughout the year, including through the hire if residents of Kugluktuk and one resident of Gjoa Haven, to ensure, as best as possible, everyone was apprised of Blue Star's plans and to seek input to program aspects where required. Blue Star reached out to the Burnside and Omingmaktok Hunters and Trappers Associations in Cambridge Bay, the Kugluktuk Agoniatit Association, as well as the Hamlets of Cambridge Bay, Gjoa Haven, Kugaaruk and Taloyoak to determine interest in meeting virtually.

Through engagement with the GN-Department of Environment in Iqaluit, Blue Star provided logistical and in-kind support to Malik Awan, Wildlife Biologist Carnivores, the Kugluktuk Agoniatit Association and the GN in executing their grizzly bear hair snagging study 2022 in the Kitikmeot Region.

7. MANAGEMENT PLANS

No changes have been made to management plans during this period.

8. WORKPLAN FOR UPCOMING YEAR

Scoping of the 2023 program is underway at the time of reporting. The program is expected to be a continuation of the 2022 program, focusing on surface exploration, including diamond drilling, and compliance-related activities, with no resumptions of mining operations.

Reclamation activities may be limited to continued staging of waste material, on-going research studies including thermal monitoring and further evaluation of stockpiled soils and evaluation of oxidizing rock at the NW edge of the ore pad.

It is also expected that a final determination of a proposed relocated or 'new' camp site be made with initial environmental and engineering reviews to be completed this season.

Specific planned program components are discussed below.

8.1. CAMP EXPANSION

Airstrip maintenance and improvements will be ongoing, as will camp management, possibly including a helicopter platform and partial construction of the STF. Additional tents and bedspace within the maximum permitted extent are currently not planned.

8.2. PROGRESSIVE RECLAMATION

Progressive reclamation will focus on the reclamation research into ML/ARD aspects including continuation of the seepage and water flow monitoring and sampling program. Analyses result data from reference stations, water sampling stations and the thermistor stations are planned to be collected, analysed, compared and assessed with the Company's external subject matter experts.

Delineation and characterization of legacy *in situ* contamination arising from staged legacy waste is also considered.

8.3. EXPLORATION

The exploration program will continue similarly to previous years with ground-based mapping and prospecting/sampling activities with some potential ground based geophysical surveys along with diamond drilling activities. There are areas that may be drilled this year that have not been previously contemplated so there is a possibility of expanding the archeology research to these areas prior to drilling work being undertaken. Archeology review and environmental review may also be undertaken on a proposed new camp location that has been discussed for a number of years but will be required in order to continue to advance the progressive reclamation activities.

As in every year, Blue Star strives to keep its footprint as small as possible in its exploration program and will continue to do so in 2023. This includes evaluation of proposed drill locations, active drill site inspections, and documentation of pre- and post-drilling status of the drill pads. Continued use of the on-site analysis of gold using pXRF technology will continue to separate and analyse those waste streams most likely for offsite disposal again in 2023.

8.4. WATER LICENCE AMENDMENT

Blue Star is also considering an amendment to its licence in order to modify the criteria associated with Part D Item 9.

9. REFERENCES

KBL Environmental Ltd. 2023. Limited Phase II Environmental Site Assessment. Ulu Mine. Yellowknife.

SRK Consulting (Canada) Inc. 2023. Monitoring of Metal Leaching and Acid Rock Drainage Potential at the Ulu Camp, Ulu Gold Project. Vancouver.

10. APPENDICES

Appendix A. NWB Standard Water Licence Report Form, 2BM-ULU2030

NWB2(insert)

NWB Annual Report **Year being reported:** Select 2022

License No: 2BM-ULU2030 **Issued Date:** May 13, 2020
Expiry Date: May 12, 2030

Project Name: Ulu Gold Project

Licensee: Blue Star Gold Corp.

Mailing Address: 500-700 W. Pender St.
Vancouver, BC
V6C 1G8

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

General Background Information on the Project (*optional):

All of Blue Star's activities, including those occuring at its adjacent Hood River project and Roma Gold Project licenced under 2BE-HRP1924 Type "B" , were based out of the Ulu camp in 2022.

Licence Requirements: the licensee must provide the following information in accodance with

Part C Item 1

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	West Lake (domestic), West Lake & East Lake (drilling)	
Water Quantity:	299 tot m3/day	Quantity Allowable Domestic (cu.m)
	244,47 m3/total	Actual Quantity Used Domestic (cu.m)
	299 tot m3/day	Quantity Allowable Drilling (cu.m)
	2.208,11	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- [x] Solid Waste Disposal
- [x] Sewage
- [x] Drill Waste
- [x] Greywater
- [x] Hazardous
- [ ] Other:

Additional Details:

Solid waste/non-hazardous waste/sewage was incinerated placed in sealed barrels and sent south to Yellowknife for disposal, recyclable solid waste was packaged and shipped to Yellowknife for disposal, drill waste was placed in

1/4

NWB2(insert)

natural sump, greywater was collected in a sump then pumped to a natural sump for disposal; hazardous materials were properly containerized and shipped to Yellowknife for disposal.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: (as reported to the Spill Hot-line)
Date of Spill:
Date of Notification to an Inspector:
Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

No spills in 2022

Revisions to the Spill Contingency Plan

N/A - not applicable

Additional Details:

Revisions to the Abandonment and Restoration Plan

Other: (see additional details)

Additional Details:

No revisions

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Reclamation research into MLARD; Polychlorinated Biphenyls and contaminated soils analysis

Results of the Monitoring Program including:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;

Details attached

Additional Details:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

NWB2(insert)

Details attached

Additional Details:

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board

Additional Details: (date of request, analysis of results, data attached, etc)

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board

Additional Details: (Attached or provided below)

Any responses or follow-up actions on inspection/compliance reports

No inspection and/or compliance report issued by INAC

Additional Details: (Dates of Report, Follow-up by the Licensee)

Any additional comments or information for the Board to consider

Date Submitted:	March 31, 2023	
Submitted/Prepared by:	Marvin Liedtke	
Contact Information:	**Tel:**	604 346 9596
	Fax:	
	email:	marvin.liedtke@bluestargold.ca

GPS Coordinates for water sources utilized

Source Description	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
West Lake	66	54	27	-110	59	4
East Lake	66	54	20	-110	57	50
Domestic water intake	66	54	27	-110	59	3
Drillhole DD22-FLO-001	66	54	27	-110	59	4
Drillhole DD22-FLO-002	66	54	27	-110	59	4
Drillhole DD22-FLO-003	66	54	21	-110	57	48
Drillhole DD22-FLO-004	66	54	21	-110	57	48
Drillhole DD22-FLO-005	66	54	21	-110	57	48
Drillhole DD22-FLO-006	66	54	27	-110	59	4
Drillhole DD22-FLO-007	66	54	27	-110	59	4
DD22-AXS-001	66	54	27	-110	59	4
DD22-CEN-C-001	66	54	27	-110	59	4
DD22-CEN-C-002	66	54	27	-110	59	4
DD22-CEN-C-003	66	54	21	-110	57	48
DD22-CEN-C-004	66	54	21	-110	57	48
DD22-IGU-001	66	54	45.1	-110	58	45.3
DD22-IGU-001A	66	54	45.1	-110	58	45.3
DD22-QIP-001	66	54	45.1	-110	58	45.3
DD22-QIP-002	66	54	45.1	-110	58	45.3
DD22-QIP-003	66	54	45.1	-110	58	45.3
DD22-QIP-004	66	54	45.1	-110	58	45.3
DD22-MIQ-001	66	54	45.1	-110	58	45.3
DD22-MIQ-002	66	54	45.1	-110	58	45.3
DD22-MIQ-003	66	54	45.1	-110	58	45.3
DD22-MIQ-003A	66	54	45.1	-110	58	45.3
DD22-MSK-001	66	54	45.1	-110	58	45.3
DD22-MSK-002	66	54	45.1	-110	58	45.3
DD22-MSK-003	66	54	45.1	-110	58	45.3
DD22-MSK-004	66	54	45.1	-110	58	45.3
DD22-MSK-005	66	54	45.1	-110	58	45.3

GPS Locations of areas of waste disposal

Location Description (type)	Latitude			Longitude		
	° Deg	' Min	" Sec	° Deg	' Min	" Sec
Grey water sump	66	54	29	-110	58	8
Non-hazardous waste landfill	66	54	28	-110	57	56
Core saw sump	66	54	25	-110	57	56
Incinerator	66	54	28.5	-110	58	3.2
Aboveground mine sump	66	54	30	-110	58	2
Burn pan	66	54	23	-110	58	9
Drillhole DD22-FLO-001, Sump 1	66	54	24.9	-110	58	12

Drillhole DD22-FLO-001, Sump 2	66	54	25	-110	58	10.4
Drillhole DD22-FLO-002, Sump	66	54	23.5	-110	58	24.5
Drillhole DD22-FLO-003, Sump 1	66	54	23	-110	57	54.7
Drillhole DD22-FLO-003, Sump 2	66	54	22.1	-110	57	58.3
Drillhole DD22-FLO-004, Sump 1	66	54	22.2	-110	57	59
Drillhole DD22-FLO-004, Sump 2	66	54	20.6	-110	58	2.5
Drillhole DD22-FLO-005, Sump 1	66	54	21.7	-110	58	15
Drillhole DD22-FLO-005, Sump 2	66	54	22.9	-110	58	12.7
Drillhole DD22-FLO-006, Sump	66	54	23.6	-110	58	18.4
Drillhole DD22-FLO-007, Sump	66	54	29.7	-110	58	39.4
Drillhole DD22-FLO-008, Sump 1	66	54	26.1	-110	58	19.1
Drillhole DD22-FLO-008, Sump 2	66	54	26.1	-110	58	19.1
Drillhole DD22-AXS-001, Sump 1	66	54	30	-110	58	22
Drillhole DD22-AXS-001, Sump 2	66	54	29.5	-110	58	20.3
Drillhole DD22-CEN-C-001, Sump 1	66	54	36	-110	57	59.5
Drillhole DD22-CEN-C-001, Sump 2	66	54	34.9	-110	57	59.5
Drillhole DD22-CEN-C-002, Sump 1	66	54	36	-110	57	59.5
Drillhole DD22-CEN-C-002, Sump 2	66	54	35	-110	57	59.5
Drillhole DD22-CEN-C-003, Sump 1	66	54	34.2	-110	57	57.1
Drillhole DD22-CEN-C-003, Sump 2	66	54	34.4	-110	57	57.8
Drillhole DD22-CEN-C-004, Sump 1	66	54	37.1	-110	58	8.9
Drillhole DD22-CEN-C-004, Sump 2	66	54	37.7	-110	58	6.1
Drillhole DD22-IGU-001, Sump 1	66	54	47.8	-110	58	15.4
Drillhole DD22-IGU-001, Sump 2	66	54	47.8	-110	58	12.7
Drillhole DD22-IGU-001A, Sump 1	66	54	47.8	-110	58	15.4
Drillhole DD22-IGU-001A, Sump 2	66	54	47.8	-110	58	12.7

Drillhole DD22-QIP-001, Sump 1	66	54	47	-110	58	16.7
Drillhole DD22-QIP-001, Sump 2	66	54	48	-110	58	16.4
Drillhole DD22-QIP-002, Sump	66	54	47.8	-110	58	28.7
Drillhole DD22-QIP-003, Sump 1	66	54	48.4	-110	58	17.3
Drillhole DD22-QIP-003, Sump 2	66	54	49.6	-110	58	18.6
Drillhole DD22-QIP-004, Sump 1	66	54	45.3	-110	58	18.4
Drillhole DD22-QIP-004, Sump 2	66	54	44.9	-110	58	18.2
Drillhole DD22-MIQ-001, Sump	66	54	46.5	-110	58	12.3
Drillhole DD22-MIQ-002, Sump 1	66	54	46.4	-110	58	18
Drillhole DD22-MIQ-002, Sump 2	66	54	46.8	-110	58	17.8
Drillhole DD22-MIQ-003, Sump 1	66	54	45.3	-110	58	18.4
Drillhole DD22-MIQ-003, Sump 2	66	54	44.9	-110	58	18.2
Drillhole DD22-MIQ-003A, Sump 1	66	54	45.3	-110	58	18.4
Drillhole DD22-MIQ-003A, Sump 2	66	54	44.9	-110	58	18.2
Drillhole DD22-MSK-001, Sump 1	66	54	52.7	-110	58	29.2
Drillhole DD22-MSK-001, Sump 2	66	54	51.8	-110	58	33
Drillhole DD22-MSK-002, Sump	66	54	52.6	-110	58	23.5
Drillhole DD22-MSK-003, Sump	66	54	52.1	-110	58	27.7
Drillhole DD22-MSK-004, Sump 1	66	54	50	-110	58	31.3
Drillhole DD22-MSK-004, Sump 2	66	54	51.4	-110	58	31.4
Drillhole DD22-MSK-005, Sump 1	66	54	50	-110	58	31.3
Drillhole DD22-MSK-005, Sump 2	66	54	51.4	-110	58	31.4

Appendix B. Compliance Assessment, 20EN001

Following a compliance assessment of terms and conditions as well as monitoring and reporting requirements associated with the Screening Decision, it was determined that Blue Star was in compliance with all requirements.

Appendix C. Photos

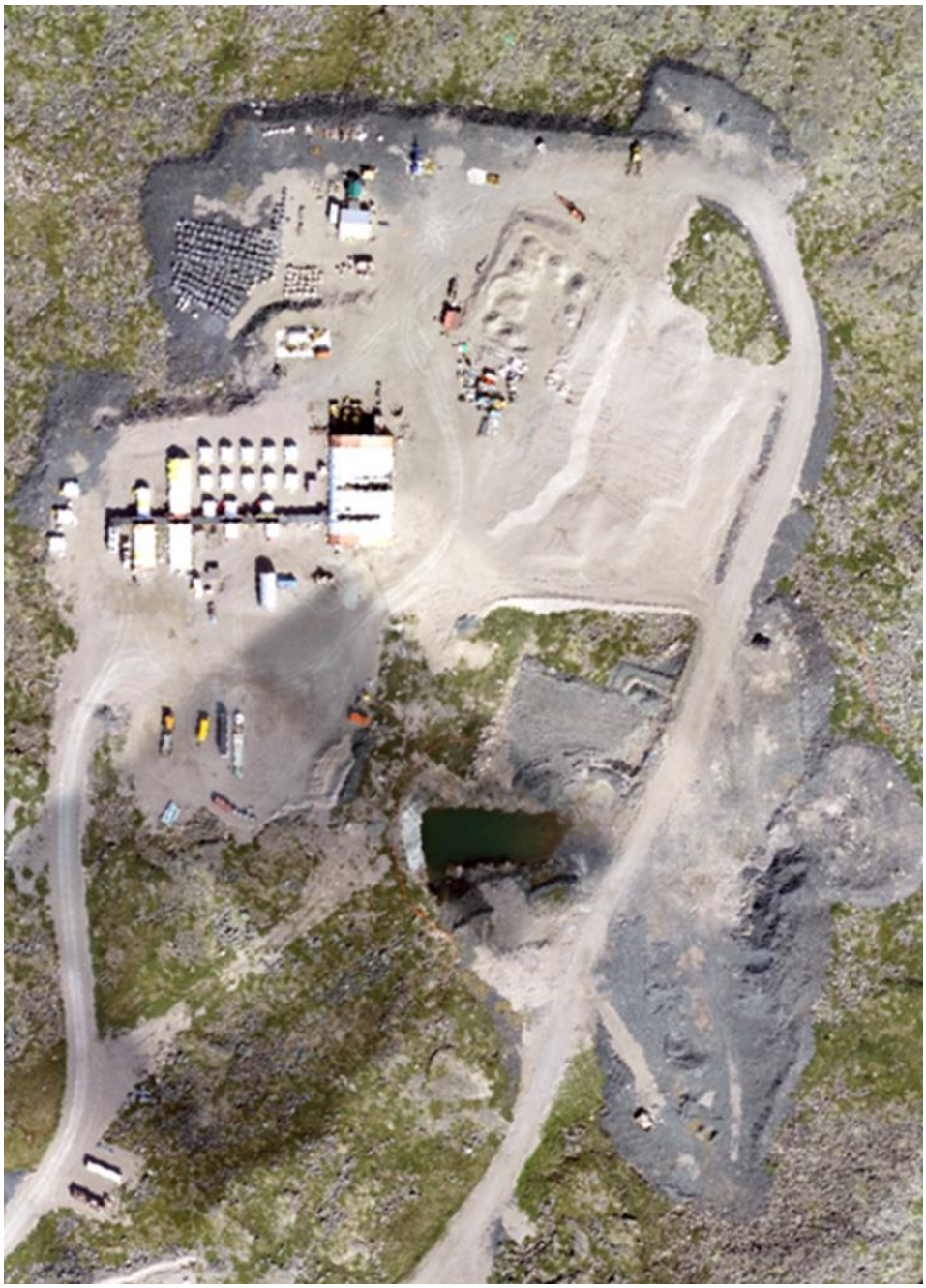

Figure 3: Ulu camp, August 2022.

Figure 4: Road between airfield and camp, removed legacy waste. June 2022.

Figure 5: Camp, portal and greywater/ mine sump, lower landfill staging area, stockpiles. June 2022.

Figure 6: Greywater sump before filling. June 2022.

Figure 7: Greywater sump after filling. July 2022.

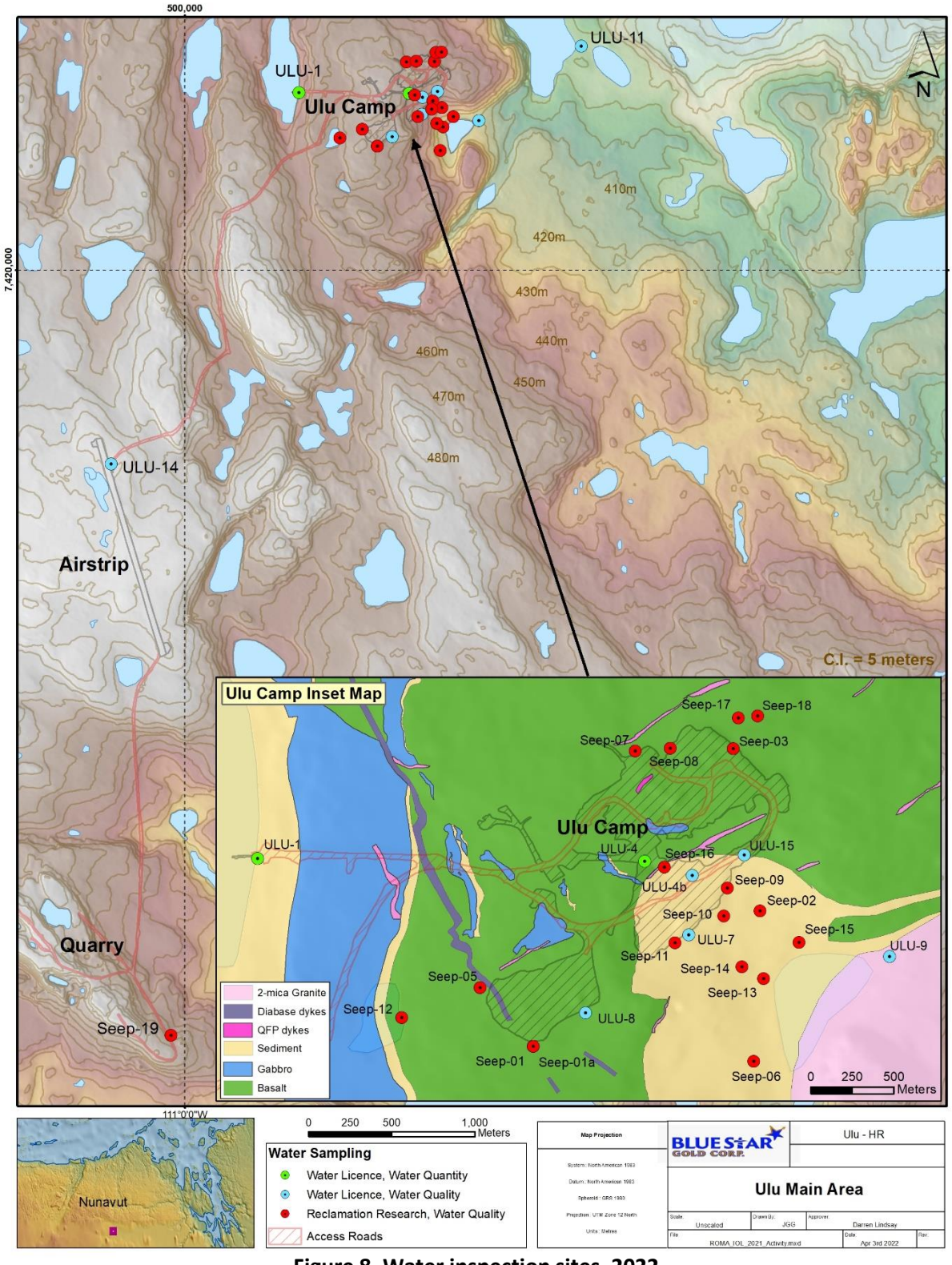

Figure 8. Water inspection sites, 2022.

Appendix D1. Monitoring Program Results: West Lake (Ulu-1) and East Lake

Date	Shift	Volume (m^3)		
		Drilling	Domestic & Core cutting	*Total*
June				
1	Day	-	-	-
	Night	-		
2	Day	-	-	-
	Night	-		
3	Day	-	-	-
	Night	-		
4	Day	-	-	-
	Night	-		
5	Day	0	1.73	1.73
	Night	0		
6	Day	0	0.62	0.62
	Night	0		
7	Day	0	3.55	3.55
	Night	0		
8	Day	0	0	0
	Night	0		
9	Day	0	2.9	2.9
	Night	0		
10	Day	0	3.16	3.16
	Night	0		
11	Day	0	2.95	2.95
	Night	0		
12	Day	0	0	0
	Night	0		
13	Day	0	3.37	3.37
	Night	0		
14	Day	0	0	0
	Night	0		
15	Day	0	3	3
	Night	0		

Date	Shift	Volume (m^3)		
		Drilling	Domestic & Core cutting	*Total*
June				
16	Day	0	3.17	3.17
	Night	0		
17	Day	0	3	3
	Night	0		
18	Day	13.18	1.79	33.82
	Night	18.85		
19	Day	5.13	4.46	32.19
	Night	22.6		
20	Day	20.56	3.73	44.97
	Night	20.68		
21	Day	22.31	2.22	47.11
	Night	22.58		
22	Day	15.17	1.92	39.4
	Night	22.31		
23	Day	5.65	2.38	30.27
	Night	22.24		
24	Day	22.64	2.35	48.05
	Night	23.06		
25	Day	22.69	4.46	50.26
	Night	23.11		
26	Day	5.09	2.29	30.97
	Night	23.59		
27	Day	17.65	13.67	54.72
	Night	23.4		
28	Day	7.09	2.44	32.7
	Night	23.17		
29	Day	8.23	3	34.28
	Night	23.05		
30	Day	0	1.37	1.37
	Night	0		

Date	Shift	Volume (m^3)		
		Drilling	Domestic & Core cutting	*Total*
July				
1	Day	0	3.74	3.74
	Night	0		
2	Day	2.27	2.87	25.82
	Night	20.68		
3	Day	20.57	2.03	44.04
	Night	21.44		
4	Day	10.95	3.6	35.33
	Night	20.78		
5	Day	14.4	3.08	38.64
	Night	21.16		
6	Day	13.1	1.29	34.68
	Night	20.29		
7	Day	19.07	4.44	43.33
	Night	19.82		
8	Day	19.54	1.12	40.85
	Night	20.19		
9	Day	16.13	2.89	38.87
	Night	19.85		
10	Day	10.35	2.52	32.96
	Night	20.09		
11	Day	13.31	1.75	34.19
	Night	19.13		
12	Day	4.26	3.41	28.49
	Night	20.82		
13	Day	11.83	4.6	29.96
	Night	13.53		
14	Day	20.14	2.12	44.26
	Night	22		
15	Day	12	2.9	37.3
	Night	22.4		

Date	Shift	Volume (m^3)		
		Drilling	Domestic & Core cutting	*Total*
July				
16	Day	12	2.54	35
	Night	20.46		
17	Day	13.74	2.86	36.4
	Night	19.8		
18	Day	13.3	3.03	38.58
	Night	22.25		
19	Day	0	2.61	2.61
	Night	0		
20	Day	14.47	4.62	39.19
	Night	20.1		
21	Day	20.61	2.35	44.24
	Night	21.28		
22	Day	19.3	3.22	43.79
	Night	21.27		
23	Day	19.02	3.9	42.42
	Night	19.5		
24	Day	11.8	2.18	35.81
	Night	21.83		
25	Day	16.1	5.24	39.54
	Night	18.2		
26	Day	16.7	4.37	45.77
	Night	24.7		
27	Day	0	1.85	22.42
	Night	20.57		
28	Day	0	1.85	23.98
	Night	22.13		
29	Day	0	1.72	24.27
	Night	22.55		
30	Day	0	3.62	29.82
	Night	26.2		
31	Day	0	2.24	2.24
	Night	0		

Date	Shift	Volume (m^3)		
		Drilling	Domestic & Core cutting	*Total*
August				
1	Day	11	3.51	37.51
	Night	23		
2	Day	22	1.96	46.46
	Night	22.5		
3	Day	20.4	3.78	46.18
	Night	22		
4	Day	12.2	2.72	36.92
	Night	22		
5	Day	11.14	2.23	33.64
	Night	20.27		
6	Day	2.32	2.13	25.61
	Night	21.16		
7	Day	12.89	2.38	37.7
	Night	22.43		
8	Day	13.07	1.77	36.57
	Night	21.73		
9	Day	3.8*	5.73	26.23
	Night	16.7*		
10	Day	17.23*	2.09	36.56
	Night	17.24*		
11	Day	0	2.02	22.06
	Night	20.04*		
12	Day	17.24*	2.08	36.62
	Night	17.3*		
13	Day	18.31*	2.66	40.23
	Night	19.26*		
14	Day	19.01*	1.82	40.01
	Night	19.18*		
15	Day	16.24*	4.29	37.75
	Night	17.22*		

Date	Shift	Volume (m^3)		
		Drilling	Domestic & Core cutting	*Total*
August				
16	Day	17.37*	2.07	37.91
	Night	18.47*		
17	Day	12.45*	3.49	32.01
	Night	16.07*		
18	Day	18*	3.94	40.83
	Night	18.89*		
19	Day	13.06	2.2	29.14
	Night	13.88		
20	Day	20.87	1.52	43.79
	Night	21.4		
21	Day	19.77	2.56	43.09
	Night	20.76		
22	Day	10.84	1.91	33.3
	Night	20.55		
23	Day	12.2	1.92	32.59
	Night	18.47		
24	Day	8.85	3.85	32.6
	Night	19.9		
25	Day	11.81	2.04	33.11
	Night	19.26		
26	Day	0	2.45	16.8
	Night	14.35		
27	Day	0	3.35	3.35
	Night	0		
28	Day	0	1.83	1.83
	Night	0		
29	Day	0	0	0
	Night	0		
30	Day	0	0	0
	Night	0		
31	Day	0	0.92	0.92
	Night	0		

Date	Shift	Volume (m^3)		
		Drilling	Domestic & Core cutting	*Total*
September				
1	Day	0	1.11	1.11
	Night	0		
2	Day	0	0	0
	Night	0		
3	Day	0	0	0
	Night	0		
4	Day	0	0	0
	Night	0		
5	Day	0	0	0
	Night	0		
6	Day	-	-	-
	Night	-		
7	Day	-	-	-
	Night	-		
8	Day	-	-	-
	Night	-		
9	Day	-	-	-
	Night	-		
10	Day	-	-	-
	Night	-		
11	Day	-	-	-
	Night	-		
12	Day	-	-	-
	Night	-		
13	Day	-	-	-
	Night	-		
14	Day	-	-	-
	Night	-		
15	Day	-	-	-
	Night	-		

Date	Shift	Volume (m^3)		
		Drilling	Domestic & Core cutting	*Total*
September				
16	Day	-	-	-
	Night	-		
17	Day	-	-	-
	Night	-		
18	Day	-	-	-
	Night	-		
19	Day	-	-	-
	Night	-		
20	Day	-	-	-
	Night	-		
21	Day	-	-	-
	Night	-		
22	Day	-	-	-
	Night	-		
23	Day	-	-	-
	Night	-		
24	Day	-	-	-
	Night	-		
25	Day	-	-	-
	Night	-		
26	Day	-	-	-
	Night	-		
27	Day	-	-	-
	Night	-		
28	Day	-	-	-
	Night	-		
29	Day	-	-	-
	Night	-		
30	Day	-	-	-
	Night	-		

*Water obtained from East Lake

Appendix D2. Monitoring Program Results: Hydrochemical Analysis

As mentioned in Table 5, no water flow was recorded at Ulu 7, Ulu 15 and other monitoring stations during the field season, however, samples were taken from ULU-8, ULU-9, ULU-11, and ULU-14C and sent to the laboratory for further analysis. The following table has been summarized with the parameters provided in license 2BM-ULU2030. The complete laboratory results can be supplied upon request.

ULU-8				
Client Name	**Parameter**	**Detection limit**	**06-Jun-22**	**Units**
Bureau Veritas Canada	Total Arsenic	0.02	1.74	µg/l
Bureau Veritas Canada	Total Copper	0.05	3.03	µg/l
Bureau Veritas Canada	Total Nickel	0.02	7.84	µg/l
Bureau Veritas Canada	Total Mercury	0.0019	0.0073	µg/l
Bureau Veritas Canada	Total Cadmium	0.005	0.0732	µg/l
Bureau Veritas Canada	Total Lead	0.005	0.0251	µg/l
Bureau Veritas Canada	Total Zinc	0.1	46	µg/l
Bureau Veritas Canada	Total Suspended Solids (TSS)	0.97	2.6	mg/l
Bureau Veritas Canada	pH	na	6.46	pH
Bureau Veritas Canada	Conductivity	2.0	320	µS/cm
Bureau Veritas Canada	Alkalinity	1.0	20 (Total)	mg/l
Bureau Veritas Canada	Chloride	1.0	9.4	mg/l

Bureau Veritas Canada	Sulphate	2.0	120	mg/l
Bureau Veritas Canada	Turbidity	0.1	0.86	NTU
Bureau Veritas Canada	Total Dissolved Solids (TDS)	10	220	mg/l
Bureau Veritas Canada	Ammonia	0.015	<0.015	mg/l
Bureau Veritas Canada	Nitrate	0.044	0.79	mg/l
Bureau Veritas Canada	Nitrite	0.033	<0.033	mg/l
BSG	Oil and Grease	na	No visible Sheen	na

ULU-9				
Client Name	**Parameter**	**Detection limit**	**06-Jun-22**	**Units**
Bureau Veritas Canada	Total Arsenic	0.02	0.219	µg/l
Bureau Veritas Canada	Total Copper	0.05	1.94	µg/l
Bureau Veritas Canada	Total Nickel	0.02	2.06	µg/l
Bureau Veritas Canada	Total Mercury	0.0019	0.0036	µg/l
Bureau Veritas Canada	Total Cadmium	0.005	0.0131	µg/l
Bureau Veritas Canada	Total Lead	0.005	0.0139	µg/l
Bureau Veritas Canada	Total Zinc	0.1	7.16	µg/l

Bureau Veritas Canada	Total Suspended Solids (TSS)	0.97	<0.97	mg/l
Bureau Veritas Canada	pH	na	6.28	pH
Bureau Veritas Canada	Fecal Coliforms	1	<1.0	CFU/100 ml

ULU-11						
Client Name	**Parameter**	**Detection limit**	**06-Jun-22**	**25-Jul-22**	**22-Aug-22**	**Units**
Bureau Veritas Canada	Total Arsenic	0.02	0.049	0.081	0.098	µg/l
Bureau Veritas Canada	Total Copper	0.05	2.15	1.92	1.64	µg/l
Bureau Veritas Canada	Total Nickel	0.02	2.79	1.33	1.13	µg/l
Bureau Veritas Canada	Total Mercury	0.0019	<0.0019	<0.0019	<0.0019	µg/l
Bureau Veritas Canada	Total Cadmium	0.005	<0.0050	0.0053	0.0071	µg/l
Bureau Veritas Canada	Total Lead	0.005	0.0083	<0.50	0.0116	µg/l
Bureau Veritas Canada	Total Zinc	0.1	9.81		4.44	µg/l
Bureau Veritas Canada	Total Suspended Solids (TSS)	0.99/1	<0.99	<1	<0.99	mg/l
Bureau Veritas Canada	pH	na	6.14	6.3	6.13	pH
Bureau Veritas Canada	Fecal Coliforms	1	<1.0	na	<1.0	CFU/100 ml

ULU-14c				
Client Name	**Parameter**	**Detection limit**	**06-Jun-22**	**Units**
Bureau Veritas Canada	Volume	na	na	m3
Bureau Veritas Canada	BETX	100	<100	
Bureau Veritas Canada	F1	100	<100	
Bureau Veritas Canada	F2	0.1	<0.10	mg/l
Bureau Veritas Canada	F3	0.1	<0.10	mg/l
Bureau Veritas Canada	F4	0.2	<0.20	mg/l
Bureau Veritas Canada	Total Arsenic	0.01	1.15	µg/l
Bureau Veritas Canada	Total Copper	0.5	6.92	µg/l
Bureau Veritas Canada	Total Nickel	1.0	4.90	µg/l
Bureau Veritas Canada	Total Mercury	0.0019	0.0028	µg/l
Bureau Veritas Canada	Total Cadmium	0.005	<0.005	µg/l
Bureau Veritas Canada	Total Lead	0.2	0.92	µg/l
Bureau Veritas Canada	Total Zinc	5	48.1	µg/l
Bureau Veritas Canada	Total Suspended Solids (TSS)	0.99	140	mg/l
Bureau Veritas Canada	pH	na	6.6	pH

Bureau Veritas Canada	Conductivity	2.0	30	µS/cm
Bureau Veritas Canada	Alkalinity	1.0	9.4 (Total)	mg/l
Bureau Veritas Canada	Chloride	1.0	<1.0	mg/l
Bureau Veritas Canada	Sulphate	1.0	<1.0	mg/l
Bureau Veritas Canada	Turbidity	0.1	56	NTU
Bureau Veritas Canada	Ammonia	0.015	<0.015	mg/l
Bureau Veritas Canada	Benzene	0.4	<0.40	µg/l
Bureau Veritas Canada	Ethzlbenzene	0.4	<0.40	µg/l
Bureau Veritas Canada	Toluene	0.4	0.83	µg/l
Bureau Veritas Canada	Oil and Grease	1.0	<1.0	mg/l

Appendix E. Wildlife Sighting Report

Date Observed	Time	Location	Wildlife Observed	Counts	Wildlife Activity	Gender and Age
June 1, 2022	17:51	East Lake	Long tail duck	4	playing	unknown
June 1, 2022	15:00	Drill pad	Raven	1	flying, circling in the airstrip area	unknown
June 2, 2022	19:00	Ulu Camp	Arctic Hare	1	foraging	unknown
June 3, 2022	19:30	Ulu Camp	Grizzly Bear	1	walking, foraging	adult female
June 3, 2022	10:30	Ulu Camp	Grizzly Bear	1	walking along road in camp near landfill	unknown
June 4, 2022	10:40	Ulu Camp, core shack	Arctic Hare	1	foraging; hanging out	unknown
June 4, 2022	10:40	Ulu Lease, core storage	Arctic Hare	1	hopping around and feeding	unknown
June 4, 2022	11:15	Drill pad	Bald Eagle	1	flying; migrating	unknown
June 4, 2022	13:00	Drill pad	Canada Goose	4	flying; migrating	unknown
June 4, 2022	10:00	Ulu Camp	Canada Goose	2		unknown
June 4, 2022	11:45	Drill pad	Long tail duck	4	flying	adult
June 4, 2022	13:00	Drill pad	Pin-tail Duck	2	flying; migrating	unknown
June 5, 2022	9:45	Ulu Camp, shop area	Arctic Hare	1	foraging; hanging out	unknown
June 5, 2022	9:45	Ulu Lease, shop area	Arctic Hare	1	foraging; hanging out	unknown
June 5, 2022	14:30	Ulu Camp	Canada Goose	37		unknown
June 5, 2022	14:00	near cranberry gorge near Ulu Lake	Rough legged hawk	1	flying along cliff face; possible baby bird calling	adult
June 6, 2022	19:00	off camp pad behind sleepers	Arctic Hare	1	foraging; hanging out	unknown
June 6, 2022	8:00	Ulu Camp	Arctic Hare	1	running towards West Lake	unknown
June 6, 2022	13:00	Drill pad	Long tail duck	2	resting	unknown

June 6, 2022	11:00	Ulu Camp	Snow Goose	0	Small birds nest in willows bright blue eggs.	unknown
June 6, 2022	13:00	Ulu Camp	song birds	na	Small birds nest in the willows; bright blue eggs.	unknown
June 7, 2022	11:45	Ulu Camp	Peregrine Falcon	1	flying	
June 8, 2022	11:20	Ulu Camp	Grizzly Bear	1	walking; foraging	adult male
June 8, 2022	10:00	Ulu Camp	herring gull	1	flying	adult
June 8, 2022	10:00	Ulu Camp	Raven	1	flying	unknown
June 9, 2022	8:00	East of camp	Canada Goose	6	flying; migrating	unknown
June 10, 2022	9:30	Ulu Camp	bird of prey	1	flying	unknown
June 10, 2022	20:30	Drill pad	Caribou	1	walking; foraging	possible female
June 10, 2022	19:30	Drill pad, North Reno Lake	Caribou	1	walking; foraging	unknown
June 10, 2022	19:30	Drill pad	Peregrine Falcon	2	hunting	unknown
June 13, 2022	14:00	Standing in camp parking area	Arctic Hare	1	foraging; hanging out	unknown
June 13, 2022	10:00	four miles north and west of camp	Moose	1	walking; foraging	unknown
June 16, 2022	15:00	Ulu Lease	Arctic Hare	1	foraging; hanging out	unknown
June 16, 2022	15:00	Gnu drilling area	Arctic Hare	1	running	unknown
June 16, 2022	14:00	Hood River MEA	Caribou	7	flying; migrating	unknown
June 16, 2022	14:00	one mile east of camp	Caribou	7	walking; foraging	unknown
June 16, 2022	14:00	Hood River MEA	Moose	1	foraging; hanging out	unknown
June 16, 2022	14:00	one mile east of camp	Moose	1	walking; foraging	unknown
June 16, 2022	14:00	Hood River MEA	Musk Ox	20	foraging; hanging out	unknown
June 16, 2022	14:00	one mile east of camp	Musk Ox	20	grazing	unknown
June 17, 2022	14:00	Ulu Lease	Arctic Hare	1	walking; foraging	unknown

June 17, 2022	13:00	Ulu Lease	Arctic Hare	1	na	unknown
June 17, 2022	14:00	Ulu Lease	Arctic Hare	1	walking; foraging	unknown
June 17, 2022	14:00	25 mile north of camp	Moose	1	walking; foraging	unknown
June 17, 2022	14:00	Roma B	Moose	1	na	unknown
June 17, 2022	15:00	3 miles east of camp	Wolverine	1	na	unknown
June 18, 2022	20:30	Drill pad	Caribou	1	na	female
June 18, 2022	20:30	100m west of airstrip	Caribou	1	walking; foraging	unknown
June 18, 2022	12:00	30 mile north of camp	Moose	3	walking; foraging	unknown
June 19, 2022	22:00	Ulu Camp	Grizzly Bear	1	walking; foraging	unknown
June 19, 2022	12:00	Roma E	Moose	2	na	unknown
June 19, 2022	12:00	Roma E	Moose	1	na	unknown
June 19, 2022	15:00	Hood River MEA	Wolverine	1	na	unknown
June 20, 2022	1:30	Roma	Caribou	3	walking; foraging	unknown
June 20, 2022	12:00	Roma	Grizzly Bear	3	playing	two large young bears with large mom bear
June 20, 2022	1:00	Roma	Moose	1	walking; foraging	unknown
June 22, 2022	15:00	Roma	Caribou	1	walking; foraging	unknown
June 22, 2022	14:00	Roma	Moose	2	walking; foraging	unknown
July 1, 2022	21:00	halfway between camp and airstrip	Caribou	1	resting	unknown
July 1, 2022	11:45	west of airstrip	Grizzly Bear	1	running	unknown
July 2, 2022	9:30	at airstrip	Caribou	1	grazing	unknown
July 3, 2022	13:00	north reno lake area	Musk Ox	12	walking; foraging	unknown
July 3, 2022	12:00	Ulu Lease	Musk Ox	30	na	Muskox with calves
July 4, 2022	8:45	Ulu Camp	Caribou	2	walking around camp	unknown
July 4, 2022	10:30	Ulu Camp	Caribou	1	walking around camp	unknown

July 5, 2022	1:00	right outside kitchen door	Caribou	3	walking around camp	unknown
July 14, 2022	6:00	near sleeper tents	Caribou	1	walking around camp	male
July 15, 2022	10:00	Ulu Camp	Arctic Hare	1	grazing	unknown
July 18, 2022	7:30	Ulu Camp	Arctic Hare	2	running	adults
July 19, 2022	15:00	Roma	Moose	1	foraging; hanging out	unknown
July 19, 2022	9:00	Roma	Musk Ox	20	foraging; hanging out	unknown
July 21, 2022	3:00	by the lounge tent. appeared to head north out of camp.	Grizzly Bear	1	walking around camp	unknown
July 24, 2022		East Lake	Caribou	3	grazing	unknown
July 26, 2022		2km north of ULU camp	Caribou	1	resting	unknown
July 26, 2022	8:00	Roma A	Musk Ox	10	grazing	unknown
July 26, 2022	10:00	Roma MEA	Ptarmigan	1	flying	female
July 29, 2022	20:00	Ulu lake	Rough legged hawk	2	flying	unknown
July 30, 2022	9:00	Roma MEA	Moose	1	grazing	adult male
July 31, 2022	18:00	Ulu Camp parking area	Arctic Hare	1	grazing	young
August 2, 2022	12:00	Ulu Camp	Caribou	2	grazing	male
August 9, 2022	15:00	Ulu Camp	Wolf	2	walking around camp	unknown
August 12, 2022	21:00	Ulu Lease	Caribou	1	grazing	unknown
August 12, 2022	na	Drill pad, airstrip	Gyr Falcon	1	flying	unknown
August 12, 2022	9:00	Drill pad, airstrip	Musk Ox	1	resting	unknown
August 14, 2022	7:50	Roma	Musk Ox	20	grazing	unknown
August 21, 2022	14:30	Hood River MEA	Moose	1	resting	unknown
August 23, 2022	10:00	Hood River MEA	Ptarmigan	10	walking; foraging	unknown
August 24, 2022	13:00	Hood River MEA	Caribou	1	running	unknown
August 25, 2022	14:00	Hood River MEA	Caribou	2	walking; foraging	unknown
August 26, 2022	14:00	Ulu Camp	Arctic Hare	1	walking around camp	unknown