2022 ANNUAL REPORT:
2BE-HRP1932
Hood River Gold Project

Kitikmeot Region, Nunavut

March 2023

BLUE STAR GOLD CORP.

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1. Hood River Annual Reporting Requirements, by Authorization

Table 1. 2BE-HRP1924 Reporting Requirements.

Corresponding Authorization Item/Paragraph #	Term	Corresponding Report Section
2BE-HRP1924		
Part B: 1. a.	The Licensee shall file an Annual Report on the Appurtenant Undertaking with the Board no later than March 31st of the year following the calendar year being reported, containing the following information: a. A summary report of Water use and Waste disposal activities;	3. 3.1
b.	b. Quantity of Water (in cubic metres/day) obtained for domestic and other purposes from sources on, in or flowing through Inuit-owned lands for the reporting period;	3.2
c.	c. Quantity of Water (in cubic metres/day) obtained for domestic and other purposes from sources on, in or flowing through Crown Lands reporting period;	3.3
d.	d. Quantity of Waste disposed of on on-site Waste disposal facility;	3.4
e.	e. Quantity of Waste backhauled to approved facility for disposal;	3.5
f.	f. A list of unauthorized discharges and a summary of follow-up actions taken;	3.6
g.	g. Any revisions to the management plans, as required by Part B, Item 7, submitted in the form of an Addendum;	3.7
h.	h. A description of all progressive and or final reclamation work undertaken, including photographic records of site conditions before, during and after completion of operations;	3.8
i.	i. Report all artesian flow occurrences as required under Part F, Item 3;	3.9
j.	j. A summary of all information requested and results of the Monitoring Program;	3.10
k.	k. Details pertaining to locations of sump(s) and drill holes;	3.11
l.	l. GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) for the locations of all temporary camps established in support of the project if the actual coordinates differ from that provided in the application;	3.12
m.	m. A summary, including photographic records before, during and after any relevant construction activities or Modifications and/or major maintenance work carried out on facility;	3.13

n.	n. Detailed discussion on the performance, installation, and evaluation, including the use of photographic record, of the primary and secondary containment functions used in fuel storage to safeguard impacts to freshwaters;	3.14
o.	o. A summary of public consultation/participation, describing consultation with local organizations and residents of the nearby communities, if any were conducted;	3.15
p.	p. Any other details on Water use or Waste disposal requested by the Board by the 1st November of the year being reported.	3.16

2. Introduction

The purpose of this document is to fulfill annual reporting requirements pursuant to project authorizations for the Ulu Gold Project (Ulu) and to provide an outline of activities undertaken and reportable monitoring results due to the Water Licence. Licence 2BE-HRP1924 Type "B" was amended and superseded by Licence 2BE-HRP1932 Type "B" on June 9th 2022 by the Nunavut Water Board. The NWB Annual Report Standard Form can be found in Appendix A along with supporting and additional information where required. Coordinated reporting for the both the NIRB and the NWB is provided for transparency and efficiency.

Activities in 2022 were licenced by the Kitikmeot Inuit Association (KIA) under one licence, while there are separate water licences for each Hood River and Ulu, with mineral rights for each property also held separately. Ulu activities were coordinated with works undertaken at Hood River, with the Ulu camp and infrastructure supporting Hood River exploration. Hood River and Ulu are discussed herein to inform an understanding of local site activities and program context.

Activities undertaken at Hood River and Roma were limited to surface exploration, geophysical surveys and logistics.

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

3. Annual Reporting

The purpose of this document is to fulfill annual reporting requirements under Part B item 1 of 2BE-HRP1932. The following sections correspond to the paragraphs in the licence. The Nunavut Water Board (NWB) Annual Report Standard Form can be found in the appendices along with supporting and additional information where required provided herein.

This Annual Report for 2022 has been submitted on or before March 31st, 2023 and contains the requested information listed in the license 2BE-HRP1932, Part B, 1a-p, that can additionally be found in Table 1.

3.1 Water use and Waste Disposal Activities

A summary report of water use and waste disposal activities can be found in Section 3.3 in addition to the NWB Annual Report Standard Form (Appendix A).

3.2 Extracted Amount of Water, Inuit owned Lands

No water flowing in, on or through Inuit owned land was used.

3.3 Extracted Amount of Water, Crown Lands

Unlike the 2021 field season, domestic water, water for drilling and water for other purposes was completely extracted within the Ulu area during the field season 2022. No water was extracted from the Hood River area. Water was taken from three sources, listed in Table 2.

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 m3 occurring during start-up to fill storge tanks. On average, 2.52 m^3 water was consumed daily (Appendix B).

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 B.

Table 2. Water Extraction 2022.

Name	Lat (WGS84)	Lon (WGS84)
East Lake	66°54’21’’	-110°57’48’’
West Lake	66°54’27.5’’	110°59’4.4’’
Unnamed (NE West Lake)	66°54’45’’	110°58’45.3’’

3.4 On-Site Waste Disposal Facility

Diamond drilling was undertaken utilizing one drill: approximately 3,865 m were drilled in 28 holes. Drill cuttings and drill water were discharged to sumps adjacent to drill areas. Drill cutting sumps were all located on the Ulu property and are listed in Appendix A. Cuttings from core saws were pumped to a natural sump on the Ulu property.

No waste was deposited under 2BE-HRP1932 in 2022 and no waste disposal facility was used. Drilling was not carried out on the Hood River property in 2022.

3.5 Waste Backhaul

A small amount of waste from drill locations was backhauled to the Ulu camp, consolidated in temporary storage and subsequently backhauled to Yellowknife regularly, and received by a certified waste receiver, Kitikmeot Environmental Ltd. in Yellowknife. The Company requests and has received certificates of disposal once the waste has reached its final disposal destinations.

Unused core boxes and core box lids were backhauled to Ulu camp from the decommissioned Hood River camp. Hood River camp was shut down and reclaimed in 2021 with the final wood waste consolidated at Ulu camp in 2022. Appendix D lists all waste backhauled, which includes consolidated wastes from Ulu projects.

3.6 Unauthorized Discharges

There were no unauthorized discharges in 2022.

3.7 Management Plan Revisions

All terms and conditions of the Licence are regularly contemplated and management plans are regularly scrutinized and amended if necessary. There were no changes made to management plans this season.

3.8 Reclamation Work

The final remaining wood waste, core boxes and lids, were removed from the closed and decommissioned Hood River camp and were consolidated at the Ulu camp in 2022. Core remains on site in accordance with Mineral Exploration Agreement HOODRIVER-001.

In 2022, no drilling or reclamation work was carried out on the Hood River property.

3.9 Artesian Flow

No artesian flows were encountered during field season 2022.

3.10 Monitoring Program

The Monitoring Program requires reporting of information tabulated in Table 3. Table 3 identifies where this information can be found herein.

Table 3. Location of Monitoring Program Results.

Paragraph	Item	Location of Monitoring Results
1	Daily quantities of water that is used from sources located on, in or flowing through Crown Land, utilized for camp, drilling and other purposes	Domestic and water used for drilling is provided in Appendix B.
2	GPS coordinates of all locations where sources of water are utilized for all purposes	Appendix A
3	GPS coordinates of all locations where wastes associated with camp operations and drilling operations are deposited.	Appendix A
4	Representative samples of the water column below any on ice drilling	No under-ice drilling was undertaken.
5	Sampling at HRP-X, being prior to discharge from secondary containment.	Not applicable; Hood River camp decommissioned; fuel cache not established in 2022, therefore no sampling or discharge

3.11 Sumps and Drill Holes

There were 0 drill set ups and holes drilled under 2BE-HRP1932 in 2022. Drill water pump and cutting sump locations are listed in Appendix A.

3.12 Camp Location

No new (temporary) camp was established under this licence. Instead, camp facilities at Ulu, licenced under 2BM-ULU2030, were utilized.

3.13 Construction Record and Outline for 2023

No important construction or modifications were carried out in 2022 on the Hood-River, Roma and Ulu lease and none are planned for 2023 at the time of writing. Small roadway and airstrip levelling maintenance was undertaken in 2022 and is expected in 2023 again. Additionally, 2 thermistors were installed on the Ore Pad to gain long-term thermal data for ML/ARD research. While the construction planning of a Soil Treatment Facility is ongoing in cooperation with an external consultant, the STF is not anticipated in 2023 as at the time of writing this report.

3.14 Fuel storage

A temporary fuel cache was made to aid in geophysical survey logistics on the Roma Crown Claims. Drums were used and then backhauled to the Ulu camp once the completion of the geophysical program. A total of six drums were positioned at the south end of lake 182 at the coordinate 67°23’47.1’’N and -110°46’42’’W to aid the program.

No fuel cache was installed in 2022 under this water licence.

3.15 Local Consultation and Participation

With relaxation of COVID travel restrictions the Company was not comfortable entering the communities in 2022, however the Company directly employed six residents, mostly from Kugluktuk and one from Gjoa Haven, Nunavut, and plans to fully implement its community engagement program in 2023. Dialogue with the Hamlet of Kugluktuk, the KIA, the GN, NTI and past workers was ongoing throughout the year 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.

3.16 Details on Water Use or Waste Disposal

No details on water use or waste disposal were explicitly requested by the Board, however the Amendment Water Licence No. 2BE-HRP1932 Type “B” was issued on June 9th 2022 and the accompanying requests and agreements from Blue Star Gold Corp. and the Nunavut Water Board, affecting the conditions applying to water use, waste disposal and spill contingency planning, should be referenced at this point.

4. Appendix

4.1 APPENDIX A. NWB ANNUAL REPORT STANDARD FORM

NWB2(insert)

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

License No: 2BE-HRP1932 **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 drilling, water consumption and waste management activities took place on Ulu property/2BM-ULU2030.

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

1/3

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 were recorded 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)

No work undertaken in 2022 and no work planned for 2023 season. Reclamation work relates to 2BM-ULU2030.

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;

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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

The application to amend and renew 2BE-HRP 1924 has been accepted. Following GPS coordinates apply to 2BM-ULU2032. All utilized water sources and areas of waste disposal in 2022 were within the Ulu lease.

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

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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

4.2 APPENDIX B. DAILY WATER USE, CROWN LAND / ULU LEASE

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 (m³)		
		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 (m³)		
		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 (m³)		
		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 (m³)		
		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

4.3 APPENDIX C. COORDINATES OF DRILLHOLES

Drill number	Latitude			Longitude		
	Deg	Min	Sec	Deg	Min	Sec
Drillhole DD22-FLO-001	66	54	25.7	-110	58	13.2
Drillhole DD22-FLO-002	66	54	24	-110	58	23.5
Drillhole DD22-FLO-003	66	54	22.8	-110	57	56
Drillhole DD22-FLO-004	66	54	21	-110	58	1.2
Drillhole DD22-FLO-005	66	54	22.7	-110	58	15.7
Drillhole DD22-FLO-006	66	54	23.8	-110	58	18.9
Drillhole DD22-FLO-007	66	54	28.9	-110	58	41
Drillhole DD22-FLO-008	66	54	27.2	-110	58	18.9
DD22-AXS-001	66	54	28.9	-110	58	21.9
DD22-CEN-C-001	66	54	35.7	-110	58	1.8
DD22-CEN-C-002	66	54	35.7	-110	58	1.8
DD22-CEN-C-003	66	54	33.9	-110	57	57.6
DD22-CEN-C-004	66	54	36.9	-110	58	6.5
DD22-IGU-001	66	54	48.4	-110	58	14.1
DD22-IGU-001A	66	54	48.4	-110	58	14.1
DD22-QIP-001	66	54	47.6	-110	58	18
DD22-QIP-002	66	54	48.5	-110	58	26
DD22-QIP-003	66	54	48.8	-110	58	18.6
DD22-QIP-004	66	54	45.8	-110	58	20.2
DD22-MIQ-001	66	54	46.2	-110	58	12
DD22-MIQ-002	66	54	46.6	-110	58	20
DD22-MIQ-003	66	54	45.8	-110	58	20.1
DD22-MIQ-003A	66	54	45.8	-110	58	20.1
DD22-MSK-001	66	54	52	-110	58	31
DD22-MSK-002	66	54	52.2	-110	58	25.3
DD22-MSK-003	66	54	51.8	-110	58	29
DD22-MSK-004	66	54	50.7	-110	58	29.9
DD22-MSK-005	66	54	50.7	-110	58	29.9

4.4 APPENDIX D. QUANTITIES OF WASTE BACKHAULED

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		
Scrap metal	-	567 kg
Plastics/recyclables	-	272kg
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