



## **HIGH LAKE PROJECT**

# **2025 Annual Report for Water Licence 2BE-HIG2328**

Prepared for  
**Nunavut Water Board**

Prepared by  
**MMG Resources Inc.**

**March 2026**

# HIGH LAKE PROJECT

## 2025 2BE-HIG2328 Annual Report

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# Acronyms

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CIRNAC	Crown Indigenous Relations and Northern Affairs Canada
KIA	Kitikmeot Inuit Association
The Licence	Water Licence 2BE-HIG2328
NIRB	Nunavut Impact Review Board
NWB	Nunavut Water Board
The Project	High Lake Project
MMG	MMG Resources Inc.

## Executive Summary - English

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MMG Resources Inc. (MMG) has filed its Annual Report on its activities during 2025 under Water Licence No. 2BE-HIG2328 (the Licence) issued by the Nunavut Water Board. As set out in Part B, Item 2 of the Licence, the report includes information with respect to the following topics:

- A summary report of water use and waste disposal;
- A list of unauthorized discharges and a summary of follow-up actions taken;
- Any revisions to plans under this Licence;
- A description of all progressive and or final reclamation work undertaken, if any, including photographic records of site conditions before, during and after completion of operations;
- A report of any artesian flow occurrences;
- Any other details on water use or waste disposal requested by the Board.



# 1. Introduction

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This report to the Nunavut Water Board (NWB) has been prepared to summarize the project activities and monitoring undertaken by MMG Resources Inc. (MMG) during 2025, in accordance with Part B, Item 2 of License 2BE-HIG2328 (the Licence). The NWB Annual Report Form can be found in Appendix A of this report.

Amendment applications were submitted to Nunavut Planning Commission (NPC), Nunavut Impact Review Board (NIRB), Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC), and NWB in 2025 to extend the CIRNAC Land Use Permit (LUP) N2024C0021 extent to incorporate recently acquired mineral claims outside of the previous LUP extent. The NPC determination for the amendments was received on April 26, 2025, referring the project to the NIRB. A project proposal was submitted to the NIRB on May 9, 2025, and a Screening Decision Report received August 25, 2025. CIRNAC approved the LUP N2024C0021 amendment on January 21, 2026. The application to amend the NWB Water Licence 2BE-IZO2328 was submitted on January 19, 2026. Approval of the NWB Water Licence 2BE-HIG2328 renewal and amendment is currently pending.

In 2025, MMG conducted fieldwork in the High Lake Project (Project) area from May 4 to May 23 at High Lake, and from May 28 to August 2 at High Lake East. The fieldwork included diamond core drilling with drill pad construction, detailed core logging, core geotechnical, core cutting, core photography, and core sampling. A total of six (6) drill holes were completed at High Lake, totalling 1,102 m of drilling and a total of ten (10) drill holes were completed, totalling 3,443 m at High Lake East. Fixed loop electromagnetic (FLEM) geophysical surveys, geological mapping and sampling and archaeological impact assessment (AIA) studies were also completed.

Field crews were transported daily by helicopter and then travelled on foot to the work sites. The team operated out of the Ulu Camp located at approximately 66°54'28" N latitude and 110°58'06" W longitude, owned by Blue Star Gold Corp Inc. (Blue Star). Over the course of the project, a total of 24 fixed-wing flights were made to Ulu Camp airstrip. There was an average of 13 field crew members participating throughout the program.

## 2. Annual Report per Part B, Item 2

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This section of the report has been constructed to address each of the requirements of Part B, Item 2 of the Licence. To facilitate direct comparison to the Licence, each subheading corresponds directly with the identically alphabetized subheading of Part B, Item 2 of Water Licence 2BE-HIG2328.

### A. SUMMARY OF WATER USE AND WASTE DISPOSAL

Under this Water Licence 2BE-HIG2328, water was used for drilling, and no water was used for domestic purposes. Table 1 details the volume used per month. Daily water usage did not exceed the permitted maximum of 15 m<sup>3</sup> per day for camp use, or 100 m<sup>3</sup> per day for all purposes under the licence.

**Table 1 Water use in 2025**

Month	Total Monthly Water usage (m <sup>3</sup> ) for High Lake/High Lake East Drilling Program
May	522
June	1041
July	1101
August	67
<b>Total</b>	<b>2732</b>

Drilling waste was pumped into settling tanks outside of the drill areas and then directed into natural depressions or crevasses which acted as sumps. The coordinates for the sumps are included in Table 3. Additional wastes (e.g., hazardous waste, non-hazardous waste, incinerator ash) is described in Section 2D and Section 2E.

### B. QUANTITY OF WATER OBTAINED FOR DOMESTIC AND OTHER PURPOSES FROM THE SOURCES ON, IN OR FLOWING THROUGH INUIT-OWNED LANDS FOR THE REPORTING PERIOD

The quantity of water obtained from sources on, in or flowing through Inuit-owned lands for the reporting period was approximately 522 m<sup>3</sup> during the month of May.

Table 1 provides a summary of the quantities withdrawn. Water source locations are included in Table 2.



### C. QUANTITY OF WATER OBTAINED FOR DOMESTIC AND OTHER PURPOSES FROM SOURCES ON, IN OR FLOWING THROUGH CROWN LANDS FOR THE REPORTING PERIOD

The quantity of water obtained from sources on, in or flowing through crown lands for the reporting period was approximately 2,209 m<sup>3</sup> between the months of June to August.

**Table 2 Water source locations**

ITEM	Latitude			Longitude		
	Deg	Min	Sec	Deg	Min	Sec
High Lake Pump Shack	67	22	57	110	50	39
High Lake East Pump Shack	67	06	12	110	04	46

### D. QUANTITY OF WASTE DISPOSED OF ON ON-SITE WASTE DISPOSAL FACILITY

Drill waste was pumped into local natural depressions which acted as sumps that were located at least 31 m from the ordinary High Water Mark of any adjacent water body. There was no direct flow into a water body, and no additional impacts were created. Sumps were inspected before crew left the drilling site and were then left to naturally remediate. The sump locations are provided in Table 3.

Clean up of scrap metal and waste reduction at High Lake Camp was conducted during the season. Waste was disposed and recycled of at off-site facilities, as described in Section 2H.

### E. QUANTITY OF WASTE BACKHAULED TO APPROVED FACILITY FOR DISPOSAL

Waste produced during drilling activities (e.g., used oil, filters, oily rags) was transported back to Ulu Camp then consolidated and accounted for with camp waste disposed under the guidelines of camp operations and licences.

### F. LIST OF UNAUTHORIZED DISCHARGES AND A SUMMARY OF FOLLOW-UP ACTIONS TAKEN

No unauthorized discharges occurred during this reporting period.

### G. REVISIONS TO THE SPILL CONTINGENCY PLAN AND CLOSURE AND RECLAMATION PLAN

The revised Spill Contingency Plan and Closure and Reclamation Plan were included in the renewal with amendment application for licence 2BE-HIG2328 submitted to NWB January 19, 2026. Additional revisions to the Spill Contingency Plan and Closure and Reclamation Plan are underway to address comments received during the Water Licence renewal process. Revised plans will be provided to NWB 30 days before exploration activities resume in 2026 and are not included in this report submission.

### H. PROGRESSIVE OR FINAL RECLAMATION WORK UNDERTAKEN

The High Lake Camp was inspected by CIRNAC on July 31, 2024, and MMG received the reports on November 6, 2024. CIRNAC inspections identified concerns with the scrap metal being stored on site, and fuel containment. During the 2025 field program, efforts were focused on site cleanup and waste reduction to address concerns raised by CIRNAC. This work specifically focused on the removal of scrap metal and general housekeeping. The scrap metal collected was transported to Ulu Camp and

subsequently shipped to Yellowknife, for proper disposal and recycling at approved facilities. There is approximately 500,000 lbs of drill steel remaining at the High Lake Camp. MMG anticipates annual maintenance and removal of scrap metal, conducted in parallel with resupply operations during field activities, in alignment with MMG's Closure and Reclamation Plan. The drill holes, sumps, and fuel caches constructed for the 2025 exploration program were decommissioned at the end of the season.

## I. ARTESIAN FLOWS

No artesian flows or water was produced from drill holes in 2025.

## J. SUMMARY OF ALL INFORMATION REQUESTED AND RESULTS OF THE MONITORING PROGRAM

No additional monitoring was required per CIRNAC inspection reports from 2024.

Part J of the Licence, Conditions Applying to the Monitoring Program, indicates that the following information be included in the Annual Report:

- 1. *The Licensee shall measure and record, in cubic metres, the daily quantities of Water that is used from sources located on, in or flowing through Crown Land, utilized for camp, drilling and other purposes.***  
Daily water use is summarized in Table 1 and Appendix B.
- 2. *The Licensee shall provide the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where sources of Water are utilized for all purposes.***  
GPS co-ordinates of all locations where sources of Water are utilized for all purposes are presented in Table 2.
- 3. *The Licensee shall determine the GPS co-ordinates (in degrees, minutes and seconds of latitude and longitude) of all locations where Wastes associated with camp operations and drilling operations are deposited.***  
GPS co-ordinates of all locations where Wastes associated with camp operations and drilling operations are deposited are presented in Table 3.
- 4. *The Licensee shall obtain representative samples of the Water column below any ice where required under Part F, Item 5 and 6.***  
No on ice drilling was completed.
- 5. *All sampling, sample preservation and analyses shall be conducted in accordance with methods prescribed in the current edition of Standard Methods for the Examination of Water and Wastewater, or by such other methods approved by the Board in writing.***  
No sampling, preservation or analysis was conducted under this Licence in 2025.
- 6. *All analyses shall be performed in a laboratory accredited according to ISO/IEC Standard 17025. The accreditation shall be current and in good standing.***  
No analyses were conducted under this Licence in 2025.
- 7. *The Licensee shall include in the Annual Report required under Part B, Item 2 all data, monitoring results and information required by this Part.***  
All required information is provided within this report and appendices.
- 8. *An Inspector may impose additional monitoring requirements.***  
No additional monitoring was requested by the Inspector in 2025.

## K. DETAILS PERTAINING TO LOCATIONS OF SUMP(S) AND DRILL HOLES

The location of sumps and drill holes from 2025 is provided in Table 3.

Table 3 Sump and drill hole locations in 2025 field exploration program.

ITEM	Location	Latitude			Longitude		
		Deg	Min	Sec	Deg	Min	Sec
HLE-25-31	High Lake East	67	06	19	110	05	04
HLE-25-35	High Lake East	67	06	11	110	04	53
HLE-25-34	High Lake East	67	06	12	110	04	58
HLE-25-33	High Lake East	67	06	14	110	05	05
HLE-25-32	High Lake East	67	06	16	110	04	57
HLE-25-36	High Lake East	67	06	10	110	04	54
HLE-25-30	High Lake East	67	06	22	110	05	04
HLE-25-37	High Lake East	67	06	23	110	05	11
Sump 1 (Decommissioned)	High Lake East	67	06	23	110	05	06
Sump 2 (Decommissioned)	High Lake East	67	06	19	110	05	05
Sump 3 (Decommissioned)	High Lake East	67	06	17	110	04	58
Sump 4 (Decommissioned)	High Lake East	67	06	13	110	04	53
Sump 5 (Decommissioned)	High Lake East	67	06	28	110	05	06
HLR-25-385	High Lake	67	22	54	110	50	55
HLR-25-386	High Lake	67	22	56	110	50	56
HLR-25-387	High Lake	67	22	54	110	50	56
HLR-25-388	High Lake	67	22	55	110	50	51
HLR-25-389	High Lake	67	22	56	110	50	47
HLR-25-390	High Lake	67	22	56	110	50	44
Sump 1 (Decommissioned)	High Lake	67	22	56	110	51	00

#### L. GPS CO-ORDINATES FOR THE LOCATIONS OF ALL TEMPORARY CAMPS ESTABLISHED IN SUPPORT OF THE PROJECT

There were no new or temporary camps established during this reporting period. The field program for High Lake and High Lake East operated out of the Ulu Camp. The Ulu Camp is located at 66° 54' 27" N, 110° 58 '24" W.

#### M. SUMMARY OF RELEVANT CONSTRUCTION ACTIVITIES OR MODIFICATIONS AND/OR MAJOR MAINTENANCE WORK CARRIED OUT ON FACILITIES UNDER THIS LICENCE AND AN OUTLINE OF ANY WORK ANTICIPATED FOR THE NEXT YEAR

No construction activities, modifications or major maintenance work was carried out during this reporting period. MMG does not anticipate any construction activities, modifications or major maintenance work to be carried out on facilities under this licence for the 2026 season.

#### N. DETAILED DISCUSSION ON THE PERFORMANCE, INSTALLATION, AND EVALUATION OF THE PRIMARY AND SECONDARY CONTAINMENT FUNCTIONS USED IN FUEL STORAGE

The High Lake Camp was inspected by CIRNAC on July 31, 2024, and MMG received the reports on November 6, 2024. CIRNAC inspections noted issue with the scrap metal being stored on site, and fuel containment.

Fuel caches were established at High Lake and High Lake East.

High Lake had two fuel caches located at:

- 67° 22' 55.1" N, -110° 50' 49.6" W
- 67° 22' 54.5" N, -110° 50' 49.7" W

High Lake East had one fuel cache located at:

- 67° 06' 21.7" N, -110° 05' 10.0" W.

Fuel caches had a primary containment of UN-rated fuel drums, and secondary containment consisted of portable lined berm systems constructed using SEI Industries 28 oz PVC, selected based on site conditions. These selected materials are abrasion-resistant, chemically compatible with stored products, and suitable for cold-weather use from -34°C to -50°C, depending on specification. Groundsheets were installed beneath the containment system to provide an additional protective barrier and to minimize impact to underlying vegetation. Fuel caches were decommissioned at the end of the field program.

#### **O. SUMMARY OF PUBLIC CONSULTATION/PARTICIPATION, DESCRIBING CONSULTATION WITH LOCAL ORGANIZATIONS AND RESIDENTS OF THE NEARBY COMMUNITIES**

A series of face-to-face and virtual meetings were held in 2025 from March to December to update key organizations on the status of the Project, exploration activities and future plans. Engagement included Territorial government organizations, regulators, intervenors, interested members of the public, community schools and other interested parties in Cambridge Bay, Kugluktuk, and Yellowknife. MMG has a Community Liaison who is available to communicate directly with local Stakeholders and engage with the public. Planned, in person community/public presentation for 2026 will include communities in West and East Kitikmeot.

MMG also provided Project updates and sponsorship at key industry annual events including the Premier Mineral Exploration and Mining Convention, the Nunavut Mining Symposium and the Geoscience Forum. The Kitikmeot Trade Show has been included into the annual events calendar for 2026 onwards.

#### **P. ANY OTHER DETAILS ON WATER USE OR WASTE DISPOSAL REQUESTED BY THE BOARD BY THE 1<sup>ST</sup> OF NOVEMBER OF THE YEAR BEING REPORTED**

No requests related to water use or waste disposal were made by the Board in 2025.

## Appendix A NWB Annual Report Form

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NWB Annual Report

Year being reported: Select ▼

2025

License No: 2BE-HIG2328 Issued Date: FEBRUARY 13, 2023  
 Expiry Date: FEBRUARY 14, 2028

Project Name: HIGH LAKE

Licensee: MMG RESOURCES INC.

Mailing Address: MMG Resources Inc.  
PO BOX 91460, Station West Vancouver  
West Vancouver, BC,  
V7V 3P1

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

N/A

**General Background Information on the Project (\*optional):**

The site dates to the 1950s when the High Lake gossan was identified by Texas Gulf. It has been explored by several groups. MMG acquired the project through a series of transaction that began with the purchase of Wolfden Resources by Zinifex in 2007, Oz Minerals in 2009, which was subsequently bought by MMG in 2009. MMG conducted exploration work until 2013, then some reclamation work in 2014 and 2015. The Project remained in long term care and maintenance from 2016 to 2023. MMG conducted fieldwork in 2025, however the Project area was accessed on a daily basis by helicopter from Blue Star Gold Corp's Ulu camp. This Standard NWB Annual Reporting Form is submitted as Appendix A in the 2025 Annual Report for Water Licence 2BE-HIG2328.

**Licence Requirements: the licensee must provide the following information in accordance with**

Part B ▼ Item 2 ▼

**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. See additional tab "Additional Information".**

Water Source(s):	High Lake (domestic) Surrounding (drilling)	
Water Quantity:	15	Quantity Allowable Domestic (cu.m)
	0	Actual Quantity Used Domestic (cu.m)
	100	Quantity Allowable Drilling (cu.m)
	2732	Total Quantity Used Drilling (cu.m)

**Waste Management and/or Disposal**

- Solid Waste Disposal
- Sewage
- Drill Waste
- Greywater
- Hazardous
- Other:

**Additional Details:**

Water use for drilling was a total of 2732 m3. Drilling waste was pumped into settling tanks and then to natural depression features that acted as sumps. Solid waste and sewage was disposed of at Ulu Camp. See Section 2A of the Annual Report.

**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 occurred during this reporting period. See Section 2F of the Annual Report.

**Revisions to the Spill Contingency Plan**

Other: (see additional details)

**Additional Details:**

The revised Spill Contingency Plan was included in the renewal with amendment application for licence 2BE-HIG2328. See Section 2G of the Annual Report.

**Revisions to the Abandonment and Restoration Plan**

Other: (see additional details)

**Additional Details:**

The revised Closure and Reclamation Plan was included in the renewal with amendment application for licence 2BE-HIG2328. See Section 2G of the Annual Report.

**Progressive Reclamation Work Undertaken**

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

See Section 2H of the Annual Report.

**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:**

Water source locations are Table 2 of Annual Report.

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

Details attached

**Additional Details:**

Drilling waste and final waste location are Table 5 of Annual Report.

**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)

N/A

**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)

See Section 2P of the Annual Report.

**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**

No inspection by CIRNAC was completed in 2025. Actions were taken during the 2025 exploration program to address concerns from the 2024 Inspection Road. Details are included in Section 2N of the Annual Report.  
  
The MMG contact for this Licence is Catherine Knight.

**Date Submitted:**

March 31, 2026

**Submitted/Prepared by:**

Catherine Knight

**Contact Information:**

Tel:

Fax:

email: [catherine.knight@mmg.com](mailto:catherine.knight@mmg.com)



## Appendix B Daily Water Use Logs

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High Lake Drilling Daily Water Use 2025

Date (2025)	Day Total (cubic meters)
3-May	0.00
4-May	21.67
5-May	10.29
6-May	23.14
7-May	24.98
8-May	12.87
9-May	12.83
10-May	0.00
11-May	23.85
12-May	22.73
13-May	5.18
14-May	23.45
15-May	23.84
16-May	21.02
17-May	10.06
18-May	24.21
19-May	11.27
20-May	27.99
21-May	22.38
22-May	28.96
23-May	5.59
24-May	0.00
25-May	0.00
26-May	0.00
27-May	0.00
28-May	26.47
29-May	45.43
30-May	45.86
31-May	48.21
1-Jun	56.54
2-Jun	30.36
3-Jun	38.32
4-Jun	15.75
5-Jun	38.47
6-Jun	0.00
7-Jun	18.61
8-Jun	48.07
9-Jun	42.73
10-Jun	42.49
11-Jun	19.13
12-Jun	42.82
13-Jun	36.28
14-Jun	15.80
15-Jun	38.03
16-Jun	43.60
17-Jun	43.30
18-Jun	42.89
19-Jun	36.99
20-Jun	43.30
21-Jun	42.49
22-Jun	32.05
23-Jun	43.26
24-Jun	35.20
25-Jun	20.59

High Lake Drilling Daily Water Use 2025

Date (2025)	Day Total (cubic meters)
26-Jun	19.51
27-Jun	37.11
28-Jun	40.24
29-Jun	38.85
30-Jun	38.41
1-Jul	12.02
2-Jul	11.04
3-Jul	18.55
4-Jul	38.53
5-Jul	38.57
6-Jul	38.13
7-Jul	38.50
8-Jul	38.04
9-Jul	38.48
10-Jul	37.80
11-Jul	0.00
12-Jul	37.95
13-Jul	38.05
14-Jul	38.40
15-Jul	37.59
16-Jul	38.39
17-Jul	38.39
18-Jul	37.95
19-Jul	37.60
20-Jul	39.90
21-Jul	41.69
22-Jul	43.39
23-Jul	39.65
24-Jul	40.56
25-Jul	38.70
26-Jul	39.22
27-Jul	39.38
28-Jul	39.40
29-Jul	40.32
30-Jul	41.66
31-Jul	43.49
1-Aug	46.40
2-Aug	20.40