



Permit Number: **MX-100000488**

Mine Number: **1101145**

Permittee: **High Range Exploration Ltd.
PO Box 722
Smithers BC V0J2N0**

Name of Property: **Domin**

Reclamation Liability Amount: **\$137,000.00**

Map Reference: **Lat: 53.4488900 Long: -121.2725000**

Date of Issuance: Feb 27 2025

Approval End Date: Feb 27 2030

A handwritten signature in black ink, appearing to read "G. Leroux".

Graham Leroux, M.Sc., P.Geo.
Sr. Inspector of Mines – Permitting

PREAMBLE

Notice Of Work for the Dominion Mineral project was filed with the Chief Permitting Officer, submitted on Aug 29 2018 and last updated on Feb 27 2025. The application included a plan of the proposed work system (“Mine Plan”) and a program for the protection and reclamation of the surface of the land and watercourses (“Reclamation Program”), affected by the Notice of Work.

The Mines Act, the Health, Safety and Reclamation Code for Mines in British Columbia (“Code” or “HSRC”), and this Mines Act Permit contain the requirements of the Chief Permitting Officer for the execution of the Mine Plan and Reclamation Program, including the deposit of reclamation securities. Nothing in this permit limits the authority of other government agencies to set additional requirements or to act independently under their respective authorizations and legislation.

THE MINE PLAN AND RECLAMATION PROGRAM

The Chief Permitting Officer considered the following Mine Plan and Reclamation Program(s) for the stated period(s):

1. **Notice of Work Mine Plan and Reclamation Program**
 - 1.1. Notice of Work **1101145-2018-01** tracking number **100245330** submitted **Aug 29 2018** and last updated on **Feb 27 2025**
 - 1.2. Domin Bulk Sample Project Location Map, not dated, prepared by High Range
 - 1.3. Domin Project 2019 Base Map, dated Feb 27 2019, prepared by DWB Consulting Services Ltd.
 - 1.4. Domin Bulk Sample Project Reclamation Plan, dated Nov 26 2022, prepared by DWB
 - 1.5. Archaeological Chance Find Procedure, dated Feb 01 2010, prepared by Alan Raven - High Range
 - 1.6. Domin Bulk Sample Project Metal Leaching Acid Rock Drainage Management Plan, dated Dec 13 2022, prepared by Stantec
 - 1.7. Domin Bulk Sample Project Pit Configuration Drawings, dated Nov 24 2022, prepared by David Pow - DJP
 - 1.8. Domin Bulk Sample Project Managment Plan, dated Feb 18 2023, prepared by High Range
 - 1.9. Domin Bulk Sample Project Haul Road Access Drawings Signed, dated Apr 26 2020, prepared by DWB
 - 1.10. Domin Bulk Sample Project Caribou Mitigation and Management Plan, dated May 14 2023, prepared by Cassiar Geoscience Consulting
 - 1.11. Domin Bulk Sample Project Bulk Sample Pit Slope Recommendation, dated Jul 29 2022, prepared by Knight Piesold
 - 1.12. Domin Bulk Sample Project Erosion and Sediment Control Plan, dated Nov 26 2022, prepared by DWB



PERMIT CONDITIONS

The Chief Permitting Officer hereby issues this permit subject to the following conditions that the permittee must comply with:

A. General

1. Approval - This permit authorizes only the following mining activities as outlined in the Mine Plan and Reclamation Program. Mining activities conducted that are not listed below are considered to be undertaken without a permit as required by Mines Act 10(1):

a. Approved Activities:

i. One (1) bulk sampling site, up to a maximum of 10,000 tonnes ore, including:

1. Bulk sample slope and pit area - 0.34 ha
2. Waste rock storage area - 0.43 ha
3. Overburden and topsoil storage area - 0.05 ha
4. Eight (8) geotech drilling sites within existing approved pit configuration drawings in Document 1.7 - Domin Bulk Sample Project Pit Configuration Drawings DJP Consulting dated February 15 2023. - 0.0 ha

ii. Exploration Access Construction/Modification, including:

1. Upgrading 2.24 km of existing access to conform with engineered haul road specifications referenced in this permit - 1.57 ha
2. Construction of 0.22 km new haul road access conforming with engineered specifications referenced in this permit - 0.15 ha

iii. Temporary ore stockpile area:

1. Located as shown on permit Document 1.9, Domin Bulk Sample Project Haul Road Access Drawings Signed.
2. May contain a maximum of 500 tonnes ore in an area with average dimensions of 30 meter diameter - 0.09 ha
3. All ore must be removed from site by yearly seasonal operation end or by December 15, whichever occurs first.

iv. For a total disturbance area of 2.63 ha.

b. Activities not approved:

- i. Fording of watercourses is not authorized.
- ii. Blasting.

c. Approved activities must be conducted as outlined in the Mine Plan and Reclamation Program Documents 1.2 through 1.12.

- d. Activities must be conducted within the permit area illustrated by Document 1.3, Domin Project 2019 Base Map, and located and constructed as shown in Document 1.7, Domin Bulk Sample Project Pit Configuration Drawings, and Document 1.9 Domin Bulk Sample Project Haul Road Access Drawings Signed.
- e. Only reclamation activities may occur after Feb 27, 2030.
- f. Authorized activities are restricted to the period from July 1 - December 15.
- g. The use of all-terrain vehicles (ATVs) and utility task vehicles (UTVs) is restricted to authorized exploration access.

2. Definitions

- a. Unless otherwise specified, the definitions in the Mines Act, the regulations and the Code apply to the use of the terms in this permit.

3. Documentation

- a. A completed Annual Summary of Exploration Activities (ASEA) form must be submitted to mmd-PrinceGeorge@gov.bc.ca prior to March 31 annually and must be accompanied by:
 - i. a detailed as-built map of the mine site.
 - ii. spatial data of the as-built disturbances which includes attribution data for the status of reclamation.
 - iii. a record of the total volume of ore and waste rock excavated in the reporting year and an estimate of ore and waste rock proposed to be extracted in the following year.

4. Reports to be signed by a Qualified Professional:

- a. Unless otherwise approved in writing by the Chief Permitting Officer, all reports required to be submitted under this permit other than the Annual Summary of Exploration Activities must be signed by a Qualified Professional.

B. Health and Safety

1. Mine Emergency Response Plan (MERP)

- a. The MERP required under 3.7.1 of the Code must be maintained on the mine site and made available to an inspector upon request.

2. Fuels and Lubricant Handling, Transportation and Storage

- a. Handling, transportation and storage of fuels and lubricants must conform to the requirements of the document: BC Fuel Guidelines, 13th Edition, February 27, 2024 (NorthWest Response Ltd), or most recent version thereof.

C. Geotechnical

1. Reporting

- a. The Chief Inspector must be advised in writing upon discovery of any unforeseen conditions that could adversely affect the extraction of materials, site stability, erosion control or the reclamation of the site.
- b. An Advice of Geotechnical Incident form must be submitted to the Chief Inspector for any geotechnical incident that:
 - i. is classified as a reportable incident,
 - ii. requires changes to an existing standard operating procedure or the creation of a site-specific safe work plan.

2. Site Stability

- a. Stockpiles of waste, overburden or soil must not be placed in areas identified as Terrain Class IV or V.

3. Design

- a. Prior to initiating road or trail construction, a qualified person must determine the terrain stability classification for all areas where roads and trails are to be constructed.
- b. All access roads, drill sites, equipment laydowns and trenches on terrain Class IV or V must be constructed, maintained and operated per the written recommendations of a qualified professional. The signed and sealed design reports must be maintained on site and made available to an Inspector upon request.

4. Monitoring

- a. A geotechnical assessment report must be prepared by a qualified professional for the pit slope and all access roads in terrain stability class IV or V, at the end of each operational season. The report must be submitted as an attachment with the Annual Summary of Exploration Activities.

D. Environmental Land and Watercourses

1. Cultural Heritage Resources

- a. The Archaeological Chance Find Procedure (CFP) (Document 1.5) must be implemented prior to commencement of work. All employees and contractors at the mine site must be trained on the CFP. The plan must be maintained onsite and available to an Inspector upon request.

2. Environmental Protection

- a. Garbage and other animal attractants must be removed from work sites daily or stored in a secure and airtight container until removed from the mine site.
- b. Water intakes must comply with the Freshwater Intake End-of-Pipe Fish Screen Guideline, 1995 (Department of Fisheries and Oceans), or most recent version thereof.
- c. Erosion and sediment must be effectively controlled on the mine site. Sediment laden water must be suitably contained on the mine site and not be allowed access to any watercourse.
- d. Dust originating from the mine site must be controlled at the source.

- e. The Domin Bulk Sample Project Erosion and Sediment Control Plan (Document 1.12), must be implemented on site.
- f. For any discharge of sediment laden water originating from the mine site, immediate measures must be taken to prevent further and future discharges.
 - i. Discharge that reaches a surface water body must be documented with estimates on flow rate and photographs and reported to the Chief Inspector at mmd-PrinceGeorge@gov.bc.ca within 24 hours of discovery.

3. Invasive Plants

- a. Invasive plants on the site must be identified, monitored, controlled and documented. Monitoring and treatment records must be made available to an Inspector upon request.
- b. Reasonable efforts must be taken to ensure that invasive plants do not migrate from the site to adjacent areas.
- c. The control of invasive plants must consider using non-toxic means for invasive plant control.

4. Works in and about a Stream:

a. Timing:

- i. If works are proposed on a stream that contains fish (fish-bearing), all works must be completed during the applicable timing window to protect fish, wildlife or the aquatic ecosystem within that stream. Timing windows represent periods during which works can occur to ensure the lowest risk to environmental and fisheries values.
- ii. If any of the following conditions are met, the timing window is not applicable:
 - 1. If the stream channel is naturally dry (no flow) or frozen to the bottom at the worksite and the instream activity will not adversely impact fish habitat (e.g. result in the introduction of sediment into fish habitat).
 - 2. If construction of a winter crossing is proposed and such works does not adversely impact the stream channel (including stream banks), fish habitat or fish passage.
 - 3. The structure does not encroach below the high-water mark, no work is proposed below the high-water mark of a fish stream, and measures will be taken to prevent the delivery of sediments or contaminants into fish habitat.
 - 4. You retain a Qualified Professional to prepare a prescription that provides specific measures to comply with the windows and to prevent impacts to fish or fish habitat. This document must be submitted to mmd-PrinceGeorge@gov.bc.ca with reference to your Notice of Work number #1101145-2018-01.
 - 5. Work is in a non-fish stream and measures will be taken to prevent the delivery of sediments into downstream fish habitat or the stream is not fish-bearing and discontinuous with no connection to downstream fish habitat.

b. Design requirements:

- i. The original rate of water flow in the stream (existing prior to commencing work) must be maintained upstream and downstream of the worksite during all phases of instream activity associated with the work;
 - ii. If the stream is fish-bearing, the culvert allows fish in the stream to pass up or down stream under all flow conditions;
 - iii. Debris can pass through the culvert;
 - iv. The culvert and its approach roads do not produce a backwater effect or increase the head of the stream;
 - v. The culvert is installed in a manner that permits the removal of obstacles and debris within the culvert and at the culvert ends;
 - vi. Embankment fill materials do not, and are unlikely to, encroach on culvert inlets and outlets;
 - vii. The culvert has a depth of fill cover that is at least 300 mm or as required by the culvert manufacturers specifications;
 - viii. The culvert is made of materials that meet the applicable standards of the Canadian Standards Association;
 - ix. The culvert has a minimum equivalent diameter of 600 mm;
 - x. Any stream within the mine site must be assumed to be fish bearing unless determined otherwise by a qualified professional.
- c. Construction:
- i. The equipment used for site preparation, or for installation, construction, maintenance or removal of the culvert, is situated in a dry stream channel or operated from the top of the bank;
 - ii. The stream channel width must not change as a result of the work.
 - iii. The permanent removal of stable, naturally occurring material from the stream or stream channel must be minimized and completed only as necessary;
 - iv. All activities in and about streams must be conducted in a manner that does not cause harm to fish or fish habitat and species at risk or their habitat;
 - v. The removal of material must not lead to stream channel instability or increase the risk of sedimentation into the watercourse immediately downstream of the worksite;
 - vi. Any spoil materials must be deposited in a stable area and in such a way that the excavated material will not contribute sediment or debris to the stream or adversely impact riparian habitats or species at risk and their habitats;
 - vii. A qualified person must supervise installation of all stream crossings.
- d. Erosion and Sediment Control:
- i. The culvert inlet and outlet incorporate measures to protect the structure and the stream channel against erosion;

- ii. Any work associated with the proposed changes in and about a stream must not cause stream channel instability or increase the risk of sedimentation into the stream;
 - iii. Measures must be taken to ensure that no deleterious substances (e.g. fuel and other hydrocarbons, soil, road fill, or sediment), which could adversely impact water quality, fish and fish habitat and other aquatic life, can enter the stream channel. Equipment used in close proximity to the stream must be free of exposed deleterious substances;
 - iv. During works, erosion and sediment control materials must be available onsite at all times and must be installed if sedimentation is likely to occur into the stream (e.g. silt fences, straw bale dikes, settling basins, ditch blocks, or filter cloth). A contingency plan must be developed outlining the measures to be taken by workers when carrying out any work to control erosion and sediment. All erosion and sediment control devices must be regularly inspected and maintained to remain functional during works. These devices and any accumulated sediment must be removed from the site after the completion of works;
 - v. Soil disturbance must not occur in heavy rain conditions and any soil removed must be placed in a location that ensures that sediment or debris does not enter the stream;
 - vi. Work must be suspended if the sediment control measures are ineffective and result in the introduction of sediment into the stream. In the event of sediment release into a stream, permittees are directed to immediately stabilize and mitigate the release, and then notify the Inspector of Mines.
 - vii. During periods of heavy or persistent precipitation, work must stop if continuing the work will result in sediment delivery downstream of the immediate worksite. Measures must be taken to minimize the risk of on-going sediment delivery to the stream during the shutdown period;
- e. Protection of fish or Wildlife:
- i. Open bottom structures such as clear span bridges or open bottom culverts are preferred on all fish bearing streams. If permittees wish to install a closed bottom culvert (e.g. round or elliptical) on a fish bearing stream, they must ensure that upstream fish passage through the culvert is maintained. In addition, closed bottom culverts must be embedded in order to provide a natural substrate such that there is no net loss of fish habitat. To achieve this, permittees must comply with the requirements detailed in Section 3.2 of the 2012 Fish-Stream Crossing Guidebook.
- f. Riparian Vegetation and Habitat:
- i. Damage above the high water mark to values such as banks and stream side (riparian) vegetation in the vicinity of the work area must be minimized. Unavoidable impacts that occur must be remedied as per the reclamation section below;
 - ii. Any trees at the work site or within the clearing width area adjacent to streams that must be removed must be felled away from the stream to the fullest extent possible. Where this is not possible, the tree(s) and all resultant debris must be removed from the stream channel as soon as possible after felling, or at most, within the same workday by means that avoid machinery being placed within the stream channel;

- iii. Minimize disturbance to natural materials, including but not necessarily limited to embedded logs and boulders, as well as vegetation that contribute to fish and wildlife habitat or stream channel stability;

g. Site Reclamation:

- i. Complete required reclamation works on disturbed areas must be conducted according to the site-specific reclamation plans that will ensure function as close as possible to natural pre-disturbance conditions;
- ii. Soils exposed as a result of work activities that have the potential for sediment delivery to the stream must be promptly re-vegetated. All disturbed soils adjacent to the stream must be re-vegetated with a certified weed free mix of native species grasses, and suitable seedlings for the BEC zone if necessary, as soon as works are completed or as soon as site conditions are conducive to growth; if seedlings are included in reclamation plans, they will be planted when material is available.
- iii. Any materials, such as riprap or gabion rock, used for stream bank armouring must be clean and not contain substances that could be harmful to fish, wildlife or the aquatic ecosystem of the stream.

h. Construction, maintenance and removal of clear span bridges is approved subject to the following conditions:

- i. The equipment used for site preparation, or for construction, maintenance or removal of the bridge is situated in a dry stream channel or operated from the top of the bank;
- ii. The bridge and its approach roads do not produce a back water effect or increase the head of the stream;
- iii. Bridge abutments or other structures and materials must not be placed within the stream channel width. Rip-rap must be keyed into the stream bank and must not constrict the natural stream channel width;
- iv. The hydraulic capacity of the bridge is equivalent to the hydraulic capacity of the stream channel, or is capable of passing the 1 in 200 year maximum daily flow;
- v. The height of the underside of the bridge is adequate to provide free passage of flood debris and ice flows;
- vi. The bridge is made of materials that meet the applicable standards of the Canadian Standards Association.

5. Inter-seasonal Condition of the Land

- a. At the end of each field season, all stockpiled material at the reload site as shown in Document 1.9, Domin Bulk Sample Project Haul Road Access Drawings Signed, must be removed from the permitted mine area.
- b. All equipment brought on to the site must be removed from the permitted mine area by December 15 seasonally.
- c. Derelict or damaged equipment, supplies, or materials must not be stored or otherwise left or abandoned anywhere on the permitted mine site.

- d. At the end of each field season, disturbed areas are to be left in a condition that is neat, clean and safe.

6. Management Plan

- a. Requiring development and approval prior to implementation
 - i. Prior to starting any work under this Permit, a Water Management Plan must be developed and submitted to mmd-PrinceGeorge@gov.bc.ca to the satisfaction of the Chief Permitting Officer. Once approved, the plan must be implemented upon commencement of work. The plan must:
 - 1. address how contact water at the reload site will be managed,
 - 2. include a map(s) that show(s) the location of all stockpiles, water infrastructure, and monitoring locations at different flow times,
 - 3. establish a sampling frequency and reaction protocol which includes consideration of guidance from JAIR Section 9.6,
 - 4. include a cost estimate to carry out the plan over the next ten years.

7. Metal Leaching & Acid Rock Drainage Management Plan

- a. General
 - i. All materials with the potential to generate ML/ARD must be placed in a manner that minimizes the production and release of metals and contaminants to levels that assure protection of environmental quality.
 - ii. Unless otherwise approved, all plans for the prediction, and if necessary, the prevention, mitigation and management of metal leaching and acid rock drainage must be prepared in accordance with the Guidelines for Metal Leaching and Acid Rock Drainage at Mine sites in British Columbia (1998).
- b. Definition of Potentially Acid Generating (PAG) and Metal Leaching (ML) Materials
 - i. Neutralization potential (NP) using total inorganic carbon.
 - ii. Acid potential (AP) using total sulphur.
 - iii. All waste materials and mine surfaces must be classified as potentially acid generating (PAG) if they have a NP/AP ratio of less than 2.0.
 - iv. Any waste rock and any material classified as PAG must not be used for construction.
- c. ML/ARD Operational Monitoring
 - i. The Domin Bulk Sample Project Metal Leaching Acid Rock Drainage Management Plan (Document 1.6), must be implemented on site.
 - 1. Requiring development and implementation

- a. A contingency plan in the event that not all PAG material can be stored under 1.0 meter of water in the pit must be developed and submitted to mmd-PrinceGeorge@gov.bc.ca to the satisfaction of the Chief Permitting Officer by March 31, 2026. Once accepted, the contingency plan must be implemented as part of the ML/ARD Management Plan.
- ii. Concurrent with excavation, the Permittee must implement a monitoring program to confirm the geochemical characteristics of excavated materials produced and mine surfaces exposed, to determine the potential for ML/ARD and the need for mitigation measures to ensure protection of environmental quality.
 1. At a minimum, the monitoring program must include the characterization of excavated materials at the sampling rate detailed in section 5.2 of Document 1.6, Domin Bulk Sample Project Metal Leaching Acid Rock Drainage Management Plan. Each sample must be submitted to an accredited lab and analyzed for sufficient parameters to determine the AP, NP, and total dissolved metals.

d. Reporting

- i. A report, authored by a qualified professional, summarizing the results of the operational monitoring must be submitted to mmd-PrinceGeorge@gov.bc.ca prior to March 31 annually. The report must include a description of the geology encountered, interpretation of all ML/ARD monitoring results, a description of any mitigation strategies undertaken during the program, and an assessment of whether additional mitigation is required.

8. Caribou Management Plan

- a. The Domin Bulk Sample Caribou Mitigation and Management Plan (Document 1.10), must be implemented on site. All personal working on site must be aware of and trained regarding this plan.

E. Reclamation and Closure Program

1. Reclamation Security

- a. One hundred and thirty seven thousand dollars (\$137,000.00) in security must be maintained with the Minister of Finance.

2. Obligation to Reclaim

- a. Reclamation of the surface of the land affected by the operations must be conducted in accordance with the approved work program. The surface of the land and watercourses must be reclaimed to the following end land use: Caribou Habitat

3. Reclamation

- a. All available topsoil, overburden, and organic material including large woody debris in the disturbance footprint must be salvaged and stockpiled for use in reclamation.
- b. All stockpiled topsoil, overburden, and organic material including large woody debris must:
 - i. be protected from erosion, degradation, and contamination,

- ii. be clearly marked to ensure that they are protected during construction and mine operations,
 - iii. not be used as fill,
 - iv. not be removed from the mine site without the specific written permission of an Inspector.
- c. Progressive reclamation must be conducted and must include:
- i. Compacted surfaces must be de-compacted to allow water infiltration and achieve self-sustaining vegetation.
 - ii. Salvaged soil material must:
 - 1. be replaced on disturbed areas to pre-disturbance depth;
 - 2. be treated with a rough and loose site preparation where practicable;
 - 3. be keyed into the underlying materials such that they do not slump off or become unstable;
 - 4. incorporate roots, stumps and other woody debris to reduce erosion and create greater biological diversity; and
 - 5. be re-vegetated promptly to a self-sustaining state using appropriate and/or native plant species that support approved end land use.
- d. Disturbances that have been determined to be necessary for future use beyond Feb 27, 2030 must:
- i. be approved under an amendment to this Permit,
 - ii. be under consideration in a subsequent updated mine plan, or;
 - iii. have a care and maintenance plan submitted to mmd-PrinceGeorge@gov.bc.ca and approved by the Chief Permitting Officer.

4. Roads and Trails

- a. Individual roads and trails will be exempted from the requirement for total reclamation if either:
- i. It can be demonstrated that an agency of the Crown has accepted responsibility in writing for the operation, maintenance and reclamation of the road or trail; or
 - ii. The Chief Permitting Officer provides notification that the road should not be reclaimed due to the use or potential use by other users who will assume liability.