

**PROVINCE OF BRITISH COLUMBIA
MINISTRY OF MINING AND CRITICAL MINERALS**

MAJOR MINE PERMIT

**APPROVING MINE PLAN AND RECLAMATION PLAN
(Issued pursuant to Section 10 of the *Mines Act* R.S.B.C. 1996, c. 293)**

Permit Number: M-29

Mine No: 300009

Permittee: Copper Mountain Mine (BC) Ltd.
PO Box 1400
Princeton, BC V0X 1W0

Mine Name: Copper Mountain Mine

Security Amount: \$158,560,000.00

Date of Initial Issuance: August 3, 1970

Date of Last Amendment: February 19, 2026



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Deputy Chief Permitting Officer
Major Mines Office

This Permit replaces all previous versions of M-29 issued pursuant to Part 10 of the *Mines Act*. All previously approved works systems are hereby transferred under this Permit.

PREAMBLE

The *Mines Act* Permit application, and applications for changes to approved works and conditions to Permit M-29 have been submitted to the Chief Permitting Officer, in accordance with Section 10(1) or 10(6) of the *Mines Act*, and Sections 10.2.1 and 10.2.9 of the Health, Safety and Reclamation Code for Mines in British Columbia (Code). 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, watercourses, and cultural heritage resources (Reclamation Plan). The Chief Permitting Officer considered the Mine Plan and Reclamation Plan detailed in the Applications in Appendix A.

Where more than one version of information exists in the application, the most recent version shall be considered the approved version unless otherwise stated or determined by the Chief Permitting Officer.

The *Mines Act*, the Code, and this Permit contain the requirements of the Chief Permitting Officer for the execution of the Mine Plan and Reclamation Plan, including the deposit of reclamation securities. Nothing in this permit limits the authority of other provincial ministries or federal agencies to set other requirements or to act independently under their respective permits and legislation.

Copper Mountain Mine is located within the traditional territory of the sm̓əlq̓mix peoples, represented by Upper Similkameen Indian Band (USIB) and Lower Similkameen Indian Band (LSIB). Copper Mountain is in close proximity to the sm̓əlq̓mix peoples in a culturally significant area forming part of their ancestral lands and responsibilities. The Mine is also located within the traditional territories of the Syilx Nation (Okanagan) and n̓l̓eʔk̓épmx Nation (Nlaka'pamux).

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CONDITIONS

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

A. APPROVAL AND GENERAL REQUIREMENTS

1. Definitions

- (a) Unless stated otherwise, the definitions in the *Mines Act*, its regulations, and the *Health, Safety, and Reclamation Code for Mines in British Columbia* (HSRC) apply to the terms in this permit.
- (b) “Building” means any permanent or temporary structure, including sprung structures and high-performance tensioned membrane structures.
- (c) “Collaboration” means working together in a respectful and meaningful way to understand and respect each other’s perspectives with the shared objective of achieving consensus.
- (d) “Surface water management structures” mean any ponds, ditches, diversion channels, and other structures designed to convey surface water.
- (e) Unless directed otherwise by the Chief Inspector, “surface water management structures,” referred to in Condition A.1.(c), does not include:
 - (i) Tailings storage facilities and dams;
 - (ii) Roadside ditches;
 - (iii) Pit sumps;
 - (iv) Temporary water management structures used during construction; or
 - (v) Structures approved by the *Water Sustainability Act*.
- (f) “Coordinating Professional Engineer” means the Professional Engineer responsible for coordinating the Qualified Professionals included in the planning, design, field reviews, and construction records.
- (g) “ETL work area” means the area encompassing any extended activity in and around the hazardous waste treatment facility operated by Envirogreen Technologies Limited (ETL; Figure 1) conducted to support access, operations, or restoration of the hazardous waste treatment facility and associated infrastructure.
- (h) “Metal leaching / acid rock drainage (ML/ARD) sample” means any solid-phase material collected to assess its geochemical composition or its potential to cause ML/ARD or impact site water quality.
- (i) “Metal leaching (ML)” means the release of metals, metalloids, and non-metals from rock due to weathering, which may result in drainage contamination.
- (j) “Receiving water objectives” means water quality guidelines or water quality objectives established by the Ministry of Environment and Parks for receiving water bodies.
- (k) “Provincial water quality standards” means legally enforceable water quality limits specified in legislation, regulations, permits, and approvals.

2. Permit Approval

- (a) This Permit authorizes only the mining activities included in the Mine Plan and Reclamation Plan outlined in the Application (Appendix A) or listed in Condition A.2.(b).
- (b) The Permittee is authorized under this Permit to conduct the following activities:
 - (i) Mining activities only within the area of 2,800 ha, as shown in Figure 1 (Permitted Mine Area), which includes management buffers around the disturbance approved in the Application; and
 - (ii) Ore production at a rate of 50,000 tonnes per day on an annual average basis.
- (c) The Permittee is not authorized under this Permit to conduct the following activities:
 - (i) Mining of Zone 7 and 8 materials;
 - (ii) Initiation of New Ingerbelle Open Pit Phase 1b mining or mining past 15 m below the elevation of the Similkameen River, prior to the submission of the New Ingerbelle Pit East Wall Seepage Monitoring and Mitigation Plan, as required by Condition C.3.(a)(iii);
 - (iii) Import or use of treated soil from Envirogreen Technologies Ltd. (ETL); and
 - (iv) Any new disturbance within the Highway 3 Right of Way.
- (d) Where this Permit requires the submission of a plan or design to the Chief Permitting Officer for approval, the Permittee must not implement the plan or commence construction of any facility included in the plan until written approval has been received from the Chief Permitting Officer, unless the activity is already approved by Condition A.2.(a) or A.2.(b).
- (e) Where this Permit requires the implementation of recommendations provided by a Qualified Professional, the Permittee must not implement the recommendations until written approval has been received from the Chief Permitting Officer, unless the activity is already approved by Condition A.2.(a) or A.2.(b).

3. Maintenance and Environmental Management of Mine

- (a) The Permittee must maintain mine facilities and infrastructure in a manner that meets the intended use and the environmental protection and reclamation requirements of this Permit, unless otherwise approved in writing by the Chief Permitting Officer.
- (b) The Permittee must appoint a Qualified Person as the Environmental Manager with the authority to implement remedial actions necessary to meet the environmental protection and reclamation requirements of this Permit.

4. Buildings and Electrical or Mechanical Infrastructure

- (a) No later than 60 days prior to constructing any buildings, electrical, or mechanical infrastructure, the Permittee must submit issued-for-construction (IFC) drawings and details to the Chief Inspector. The Permittee must ensure that IFC drawings include:
 - (i) Drawings authenticated by a Professional Engineer;
 - (ii) A site plan showing all new or modified buildings and infrastructure; and

- (iii) Construction schedules authenticated by a Professional Engineer, as required by the *British Columbia Building Code*.
 - (b) The Permittee must maintain complete construction records for all buildings and electrical and mechanical infrastructure at the mine site.
- 5. Authentication by a Qualified Professional
 - (a) Unless otherwise approved in writing by the Chief Permitting Officer or Chief Inspector, the Permittee must ensure that all documents required to be developed or submitted under this Permit are authenticated by a Qualified Professional.
- 6. Responsibility to Reclaim
 - (a) The Permittee must apply all terms and conditions of this Permit to any outstanding reclamation obligations within the Permitted Mine Area, defined in Figure 1.
 - (b) The Permittee must assume responsibility for the reclamation of all contaminated soils within the Permitted Mine Area.
 - (c) The Permittee is exempted from reclamation standards prescribed in the HSRC for the following mine components, as listed below and shown in Figure 2 (Reclamation Exemption Areas):
 - (i) Final pit walls in the Copper Mountain mining area are exempt from revegetation requirements as per HSRC 10.9.13(2);
 - (ii) Copper Mountain Non-Economic Rock Storage Areas (NERSAs; approximately six hectares), as shown in Figure 2, including the-Realignment Support Landform below the rim of the Wolfe Creek Canyon, are exempt from the requirement to be re-sloped to 2:1. The Permittee must make reasonable efforts to maximize the area of revegetation on the NERSA;
 - (iii) Town of Princeton Public Roads (approximately two hectares) that overlap mine infrastructure are exempted from all reclamation requirements under the HSRC;
 - (iv) Final pit walls of the New Ingerbelle Pit are exempt from revegetation requirements as per HSRC 10.9.13(2); and
 - (v) Historical 701 NERSA on the Ingerbelle side of the mine (approximately four hectares), located along the Similkameen River Valley, is exempt from the requirement to be re-sloped to 2:1. The Permittee must make reasonable efforts to maximize the area of revegetation on the NERSA.
- 7. First Nations Information Sharing
 - (a) The Permittee must ensure that reasonable efforts are made to engage with the Upper Similkameen Indian Band (USIB), Lower Similkameen Indian Band (LSIB), and upon request, other First Nations whose Consultation Area Boundaries overlap with the mine, to identify whether they want to receive any of the documents required to be submitted to the Chief Inspector or Chief Permitting Officer under this Permit.

- (b) The Permittee must provide to USIB, LSIB, and upon request, other First Nations whose Consultation Area Boundaries overlap with the mine, a copy of each of the documents identified under Condition A.7.(a) within 72 hours of providing the document to the Chief Inspector or Chief Permitting Officer.
- (c) The Permittee must ensure that when this Permit requires the development, design, or review of assessments, studies, or plans, that reasonable efforts are made to engage with USIB, LSIB, and upon request, other First Nations whose Consultation Area Boundaries overlap with the mine.
- (d) The Permittee must ensure that local Indigenous knowledge received under Condition A.7.(c) is considered.

8. Compliance Status Report

- (a) The Permittee must track the compliance status of all permit conditions and inspection orders in a form specified by the Chief Inspector.
- (b) At least every three months, the Permittee must review and update the compliance status tracking referenced in Condition A.8.
- (c) No later than March 31 each year, the Permittee must submit to the Chief Inspector an Annual Compliance Status Report for the previous calendar year. The Permittee must ensure the Annual Compliance Status Report includes:
 - (i) A list of all open inspection orders and their current status;
 - (ii) A compliance assessment for each numbered permit condition, including a status determination (in compliance, out of compliance, or not applicable);
 - (iii) A justification for each compliance determination; and
 - (iv) An action plan to address any non-compliance.

9. Activities Notification

- (a) The Permittee must notify the Chief Permitting Officer, Chief Inspector, USIB, LSIB, and upon request, other First Nations whose Consultation Area Boundaries overlap with the mine, in writing of the following site activities:
 - (i) When active segregation of potentially acid generating (PAG) waste rock and/or low-grade ore is occurring, consistent with condition C.2.(viii)(a).

10. Document Submission

- (a) The Permittee must submit documents required by this Permit in the manner specified by the Chief Permitting Officer or Chief Inspector.
- (b) The Permittee may submit information confidentially with the approval of the Chief Permitting Officer or Chief Inspector.
- (c) For any documents or portions of documents submitted as confidential information, the Permittee must demonstrate how the information conforms to the type described in section 21(1) of the *Freedom of Information and Protection of Privacy Act*.

B. GEOTECHNICAL

1. General

- (a) The Permittee must ensure that geotechnical designs, specifications, monitoring requirements, plans, reviews, assurance statements, and reports required under Section B are:
 - (i) Authenticated by a Professional Engineer, unless otherwise specified;
 - (ii) Available at the mine site; and
 - (iii) Implemented under the direction of a Professional Engineer, unless otherwise specified in this Permit, to ensure that the approved work system is constructed and operated in general conformance with the design and accepted standards of practice.
- (b) The Permittee must ensure that Field Reviews have been conducted by, or under the direction of, a Professional Engineer to ensure that the approved work system is constructed in accordance with the design and accepted standards of practice.
- (c) The Permittee must ensure all written recommendations made by a Professional Engineer regarding health and safety or geotechnical stability are implemented unless an alternative is recommended by a Professional Engineer in writing.
- (d) No later than seven days following any geotechnical incident that is classified as a Reportable Incident or any other incident described in the Advice of Geotechnical Incident form, the Permittee must to the Chief Inspector an Advice of Geotechnical Incident Form.

2. Historical Underground Workings

- (a) The Permittee must develop and implement Standard Operating Procedures (SOPs) to identify historical underground workings, safely work around and at underground workings, and ensure surface stability and worker safety.
- (b) The Permittee must ensure the SOPs, referred to in Condition B.2.(a), are reviewed annually and updated as required.

3. Open Pits

- (a) Design
 - (i) The Permittee must ensure open pit development is conducted in accordance with the design and recommendations prepared by a Professional Engineer.
 - (ii) Prior to development of the New Ingerbelle Pit Phase 1a, the Permittee must complete a Hazard and Risk Assessment of the New Ingerbelle Open Pit.
 - (iii) The Permittee must ensure that the Hazard and Risk Assessment, referred to in Condition B.3.(a)(i), identifies proposed mitigation measures and plans, and timelines and risk-based prioritization to implement the proposed mitigation measures.
 - (iv) The Permittee must ensure that the Hazard and Risk Assessment, referred to in Condition B.3.(a)(i), is submitted to the Chief Inspector in the first New Ingerbelle Facility Performance Report, referred to in Condition B.3.(c)(i).

- (v) Prior to additional development of the New Ingerbelle south and west pit walls, the Permittee must submit to the Chief Permitting Officer updated New Ingerbelle South and West Wall Slope Stability Assessments.

(b) Operations and Maintenance

- (i) The Permittee must implement controlled blasting to minimize blast damage to:
 - (a) Multi-benched pit walls, and
 - (b) Pit walls that will be left in place for more than 12 months.
- (ii) The Permittee must ensure pit walls are geotechnically mapped while the pit is in operation and prior to losing safe access.
- (iii) The Permittee must ensure that the geotechnical mapping, referred to in Condition B.3(b)(ii), is reviewed annually while the pit is in operation to confirm or refine the recommended pit designs.
- (iv) The Permittee must ensure diversion ditches are constructed as required and maintained to minimize non-contact surface water from entering the active open pits.
- (v) The Permittee must conduct groundwater monitoring and depressurization of pit walls in accordance with the design and recommendations prepared by a Professional Engineer.

(c) Monitoring

- (i) The Permittee must develop and implement an Open Pit Monitoring and Instrumentation Plan to detect early signs of instability and confirm design assumptions.
- (ii) The Permittee must ensure that the Open Pit Monitoring and Instrumentation Plan, referred to in Condition B.3.(c)(i), includes:
 - (a) Roles and responsibilities;
 - (b) Quantifiable Performance Objectives (QPOs) that ensure a proactive approach to pit wall stability and worker safety;
 - (c) Monitoring types, locations, depths, and frequency;
 - (d) Frequency of engineering review of data; and
 - (e) Trigger Action Response Plans (TARPs).
- (iii) The Permittee must ensure that the Open Pit Monitoring and Instrumentation Plan, referred to in Condition B.3.(c)(i), and the New Ingerbelle Pit East Wall Seepage Management and Mitigation Plan referred to in Condition C.3.(a)(iii), are developed as aligned components of a coordinated approach.
- (iv) With respect to the Open Pit Monitoring and Instrumentation Plan, referred to in Condition B.3.(c)(i), the Permittee must ensure that a Professional Engineer:
 - (a) Reviews the plan annually, and
 - (b) Updates the plan when there are material changes, or as directed by the Chief Inspector.

(d) Reporting

- (i) The Permittee must ensure that a Professional Engineer completes a Facility Performance Report annually, for each open pit.
- (ii) The Permittee must ensure that the Facility Performance Report, referred to in Condition B.3.(d)(i), includes:
 - (a) An updated description of the open pit, including plans and sections;
 - (b) A review of the pit slope design;
 - (c) A summary of field observations, data review, and interpretation;
 - (d) A summary of key hazards and critical controls;
 - (e) An assessment of the effectiveness of the Open Pit Monitoring and Instrumentation Plan;
 - (f) Documentation verifying that the Open Pit Monitoring and Instrumentation Plan, referred to in Condition B.3.(c)(i), and New Ingerbelle Pit East Wall Seepage Monitoring and Mitigation Plan, referred to in Condition C.3.(a)(iii), are aligned components of a coordinated approach; and
 - (g) Recommendations, including timelines and risk-based prioritization.
- (iii) By March 31 of the following year, the Permittee must submit to the Chief Inspector the Facility Performance Report, referred to in Condition B.3.(d)(i).

4. Waste Dumps and Stockpiles

(a) General

- (i) The Permittee must apply Conditions B.4.(b)(i), B.4.(c), B.4.(d), and B.4.(e)(i) to all waste dumps that meet any of the following criteria:
 - (a) Greater than 6 m in height;
 - (b) Classified as a Major Dump; or
 - (c) Considered to be high-risk.

(b) Design

- (i) The Permittee must ensure waste dumps and stockpiles are developed in accordance with the designs and recommendations prepared by a Professional Engineer.
- (ii) The Permittee is required to construct the waste rock dumps in maximum 25 m high lifts with minimum 17.5 m bench widths, resulting in an overall angle of no greater than 26.5 degrees, with the following exceptions:
 - (a) Infilling of the former Wolfe Creek canyon for construction of the Realignment Support Landform; and
 - (b) Backfilling of inactive open pits (i.e. in-pit dumps below the pit rim).

(iii) Copper Mountain Non-Economic Rock Storage Area and Pit 2 In-Pit Non-Economic Rock Storage Area

- (a) The Permittee is authorized to construct the Copper Mountain NERSA to the following design elevations:
 - (i) North Extension to elevation 1,250 m;
 - (ii) Central Area to elevation 1,400 m; and
 - (iii) South Extension to elevation 1,475 m.
- (b) The Permittee must ensure safety on the public access road by implementing a Risk Management Plan to mitigate any rock roll-out hazard on the east side of the Copper Mountain NERSA.
- (c) The Permittee must ensure the west side of the Copper Mountain NERSA is set back from the crest of the Similkameen River Valley at a distance to maintain stability in accordance with the minimum design factors of safety.
- (d) The Permittee is authorized to construct the Pit 2 In-Pit NERSA to 1,180 m.
- (e) Prior to developing the Pit 2 In-Pit NERSA above 1,180 m, the Permittee must submit to the Chief Permitting Officer for approval detailed designs for the Pit 2 In-Pit NERSA and Soil Stockpile S6 to 1,235 m.

(iv) D3 Waste Dump Extension

- (a) The Permittee must ensure the portion of the historical D3 Waste Dump that is outside the approved footprint of the Copper Mountain NERSA and access ramp does not exceed the approved design elevation of 1310 m.

(v) New Ingerbelle Non-Economic Rock Storage Areas and Low-Grade Ore Stockpile

- (a) Prior to commencing foundation preparation or construction of the New Ingerbelle North NERSA, the Permittee must submit to the Chief Permitting Officer an updated New Ingerbelle North NERSA design.
- (b) The Permittee must ensure that the updated New Ingerbelle North NERSA design, referred to in Condition B.4.(b)(v)(a), demonstrates that:
 - (i) The design complies with Condition A.2.(c)(iv);
 - (ii) Implementation of the design can be conducted in compliance with the HSRC;
 - (iii) The runout zone does not intersect with the Highway 3 Right of Way or the ETL work area; and
 - (iv) The runout zone is located within the Permitted Mine Area.
- (c) Prior to commencing foundation preparation or construction of the New Ingerbelle South NERSA, the Permittee must submit to the Chief Permitting Officer an updated New Ingerbelle South NERSA design.

- (d) The Permittee must ensure that the updated New Ingerbelle South NERSA design, referred to in Condition B.4.(b)(v)(a), demonstrates:
 - (i) The design complies with Condition A.2.(c)(iv);
 - (ii) Implementation of the design can be conducted in compliance with the HSRC;
 - (iii) The runout zone does not intersect with the Highway 3 Right of Way or the Arrow Facility (Figure 1); and
 - (iv) The runout zone is located within the Permitted Mine Area.
- (e) The Permittee is authorized to construct the New Ingerbelle North and South NERSAs and the Low-Grade Ore Stockpile to the following design elevations:
 - (i) New Ingerbelle North NERSA to elevation 1,175 m;
 - (ii) New Ingerbelle South NERSA to elevation 1,300 m; and
 - (iii) New Ingerbelle Low-Grade Ore Stockpile to elevation 1,250 m.
- (vi) The Permittee must ensure that high dumping of the approved exceptions, referred to in Condition C.4.(b)(ii), follow a high dumping SOP for the mine site approved by a Professional Engineer.
- (c) Operations and Maintenance
 - (i) The Permittee must ensure waste dump and stockpile foundation preparation is completed in accordance with the design and recommendations provided by a Professional Engineer. The Permittee must include consideration of tree clearing, removal of weak organic material, and any other unsuitable surficial materials to provide a stable foundation in the foundation design.
 - (ii) Prior to commencing construction of a waste dump or stockpile, the Permittee must ensure that a foundation inspection is completed and documented by a Professional Engineer to confirm that unsuitable materials have been removed from the footprint area in accordance with the design.
 - (iii) The Permittee must ensure that no snow is dumped on the outside edge of the waste dumps or stockpiles, unless approved by a Professional Engineer.
 - (iv) The Permittee must ensure that only competent, good quality rock (rock with Lep's upper quartile shear strength; less than 10% fines; no material from Alteration Zone 8; no overburden, highly weathered or altered rock; and no fault gouge), is placed on the outside edge of the North and South NERSAs and the Pit 2 In-Pit NERSA.
 - (v) The Permittee must ensure waste dump and stockpile platforms are constructed with a slope that promotes surface water drainage away from the waste dump or stockpile face.
 - (vi) The Permittee must ensure that a catch-bench or berm of suitable size as determined by a Professional Engineer is established and maintained to protect active roads and work areas from boulder rollout from waste dumps and stockpiles.

- (vii) The Permittee must ensure that high dumping of the approved exceptions, referred to in Condition C.4.(b)(ii), follow a high dumping SOP for the mine site approved by a Professional Engineer.

(d) Monitoring

- (i) The Permittee must develop and implement a Waste Dump and Stockpile Monitoring and Instrumentation Plan to detect early signs of instability and confirm design assumptions.
- (ii) The Permittee must ensure that the Waste Dump and Stockpile Monitoring Plan, referred to in Condition B.4.(d)(i), includes:
 - (a) Roles and responsibilities;
 - (b) QPOs that ensure a proactive approach to stability and worker safety;
 - (c) Monitoring types, locations, and frequency;
 - (d) Tracking of advance rates in critical areas;
 - (e) Construction monitoring requirements;
 - (f) Frequency of engineering review of data; and
 - (g) TARPs.
- (iii) With respect to the plan referred to in Condition B.4.(d)(i), the Permittee must ensure that a Professional Engineer:
 - (a) Reviews the plan annually, and
 - (b) Updates the plan when there are material changes, or as directed by the Chief Inspector.

(e) Reporting

- (i) Annually, the Permittee must ensure that a Professional Engineer completes a Facility Performance Report for each waste dump and stockpile.
- (ii) The Permittee must ensure that the Facility Performance Report, referred to in Condition B.4(e)(i), includes:
 - (a) An updated description of the waste dumps and stockpiles, including plans and sections;
 - (b) A review of waste dump and stockpile designs;
 - (c) A summary of field observations, data review, and interpretation;
 - (d) A summary of the key hazards and critical controls;
 - (e) An assessment of the effectiveness of the monitoring plan; and
 - (f) Recommendations, including timelines and risk-based prioritization.
- (iii) By March 31 of the following year, the Permittee must submit to the Chief Inspector the Facility Performance Report, referred to in Condition B.4.(e)(i).

5. Tailings Storage Facilities and Dams

(a) Design

- (i) The Permittee is authorized to construct the Tailings Storage Facility (TSF) East Dam and West Dam to elevation 1,060 m.

(b) Operations and Maintenance

- (i) The Permittee must ensure that the Engineer of Record (EoR) defines a minimum freeboard and includes it in the QPOs and TARPs for the TSF required by the HSRC.
- (ii) In the event of an exceedance determined by the EoR, the Permittee must ensure that a plan to restore normal operating pond levels is included in the TARPs for the TSF required by the HSRC.

(c) Reporting

- (i) The Permittee must ensure that the QPOs and TARPs for the TSF, as determined by the EoR, are included in the Annual Facility Performance Report required by the HSRC.
- (ii) The Permittee must ensure that a Professional Engineer completes an inspection of the tunnel plug at least every 2 years. The Permittee must ensure that the results of tunnel plug inspections are reported in the Annual Facility Performance Report required by the HSRC.
- (iii) No later than June 30, 2027, the Permittee must submit to the Chief Permitting Officer a TSF West Dam Stress-Deformation Modelling Report.

(d) East Dam Groundwater Interception Drain

- (i) The Permittee must consider the East Dam Groundwater Interception Drain as part of the TSF, as per the definition in the HSRC and is subject to all the requirements therein.

6. Surface Water Management Structures

(a) Design

- (i) The Permittee must ensure that a Professional Engineer designs Surface Water Management Structures if they meet any of the following criteria:
 - (a) Require cut slopes or fill slopes exceeding 6 m in height;
 - (b) Are located on terrain that is classified as having a moderate or higher likelihood of initiating a landslide;
 - (c) Are reasonably considered high-risk due to a possible slope failure;
 - (d) Are required to meet post-closure water management obligations; or
 - (e) Require a liner to reduce seepage loss.
- (ii) The Permittee must ensure that Surface Water Management Structures are designed to convey the design flow without overtopping, side slope failure, and with adequate armour or lining to prevent significant erosion.

- (iii) The Permittee must ensure that flood and freeboard criteria for Surface Water Management Structures are determined by a Qualified Professional or a Professional Engineer, as appropriate, based on the consequence of failure and duty life of the structure.
 - (iv) The Permittee must ensure that Surface Water Management Structures for contact water are designed to convey at least 1:200-year design flow event.
- (b) Construction
 - (i) The Permittee must ensure that Surface Water Management Structures are constructed in accordance with the designs and recommendations prepared by a Qualified Professional.
 - (ii) Prior to the construction of any Surface Water Management Structure, the Permittee must submit to the Chief Inspector IFC designs, specifications, Quality Assurance/Quality Control (QA/QC) plans, and construction schedule prepared by a Qualified Professional.
 - (iii) If a Professional Engineer designs the Surface Water Management Structure, then the Permittee must ensure that the report, referred to in Condition B.6.(ii), is completed by a Professional Engineer.
 - (iv) By June 1 of the year following construction completion, the Permittee must submit to the Chief Inspector a Construction Records Report prepared by a Qualified Professional or Professional Engineer, as appropriate.
 - (v) The Permittee must ensure that the report, referred to in Condition B.6.(b)(iv), includes an authenticated assurance statement, in a form specified by the Chief Inspector, confirming that the facility substantially complies in all material respects with the design intent in accordance with the Application and that the Surface Water Management Structure is suitable for use.
- (c) Operations and Maintenance
 - (i) The Permittee must develop and implement an Operations, Management, and Surveillance (OMS) Manual for all Surface Water Management Structures required to be designed by a Professional Engineer, as referred to in Condition B.6(a)(i).
 - (ii) The Permittee must ensure the OMS Manual, referred to in Condition B.6.(c)(i), includes QPOs and TARPs.
 - (iii) The Permittee must ensure that the Surface Water Management Structures are operated, maintained, and monitored in accordance with the designs and recommendations prepared by a Qualified Professional or Professional Engineer (as appropriate), the OMS Manual, and accepted standards of practice.

- (iv) With respect to the OMS Manual, referred to in Condition B.6.(c)(i), the Permittee must ensure that a Qualified Professional:
 - (a) Reviews the OMS Manual annually; and
 - (b) Updates the OMS manual when there are material changes, or as directed by the Chief Inspector.
- (d) Reporting
 - (i) The Permittee must ensure that a Qualified Professional completes a Facility Performance Report annually for all Surface Water Management Structures.
 - (ii) If a Professional Engineer designs the Surface Water Management Structure, then the Permittee must ensure that the report, referred to in Condition B.6.(d)(i), is completed by a Professional Engineer.
 - (iii) The Permittee must ensure that the report, referred to in Condition B.6.(d)(i), includes the following:
 - (a) Results of the review, including the performance of the facility;
 - (b) A summary of any maintenance and monitoring programs; and
 - (c) A Summary of the observations and recommendations.
 - (iv) By March 31 of the following year, the Permittee must submit to the Chief Inspector the report referred to in Condition B.6.(d)(i).

7. Borrow Pits and Quarry Excavations

- (a) The Permittee must ensure that borrow pit and quarry excavations are constructed and operated in accordance with the designs and recommendations prepared by a Professional Engineer.
- (b) The Permittee must ensure that borrow pit and quarry excavations are constructed and operated in a manner that maintains stability and erosion control.

8. Mine Site Roads

- (a) The Permittee must ensure that mine site roads are constructed in accordance with the designs and recommendations prepared by a Qualified Professional.
- (b) The Permittee must ensure that mine site roads with cut or fill slopes exceeding 6 m in height or located on terrain classified as having a moderate or higher likelihood of initiating a landslide, are designed by a Professional Engineer.
- (c) At least once every five years, the Permittee must ensure that a Qualified Professional completes a review of mine site roads. The Permittee must ensure the review is documented and includes a summary of the observations and recommendations.
- (d) The Permittee must ensure that mine site roads are operated, maintained, and inspected in accordance with accepted standards of practice.

(e) East Haul Road

- (i) Annually, the Permittee must ensure that a Professional Engineer completes a Facility Performance Report for the East Haul Road.
- (ii) The Permittee must ensure that the report, referred to in Condition B.8.(e)(i), includes a summary of field observations, key hazards and critical controls, and recommendations, including timelines and risk-based prioritization.
- (iii) By March 31 of the following year, the Permittee must submit to the Chief Inspector the report, referred to in Condition B.8.(e)(i).

9. Similkameen River Bridge

(a) General

- (i) The Permittee must ensure that assurance statements, referred to in Conditions B.9.(b)(v)(a), B.9.(b)(v)(b), B.9.(c)(iv)(g), B.9.(c)(iv)(h), and B.9.(c)(iv)(i), are completed in accordance with the standard of practice in British Columbia developed by the British Columbia Ministry of Transportation and Transit, and commensurate with the complexity of the Similkameen River Bridge.

(b) Design

- (i) No later than 60 days prior to the construction of the Similkameen River Bridge commencing, the Permittee must submit detailed designs to the Chief Inspector.
- (ii) The Permittee must ensure that the detailed designs, referred to in Condition B.9.(b)(i), include:
 - (a) A summary of design changes; and
 - (b) An assessment from the Coordinating Professional Engineer (CPE) and Qualified Professionals involved in the Similkameen River Bridge detailed design that identifies if the design changes, referred to in Condition B.9.(b)(ii), are substantial.
- (iii) If the CPE and Qualified Professionals involved in the Similkameen River Bridge detailed design consider the design changes, referred to in Condition B.9.(b)(ii), substantial, the Permittee must receive authorization from the Chief Permitting Officer prior to commencing foundation preparation or construction of the Similkameen River Bridge.
- (iv) No later than 60 days prior to commencing foundation preparation or construction of the Similkameen River Bridge, the Permittee must submit to the Chief Inspector IFC drawings and details for the bridge.

- (v) The Permittee must ensure the bridge IFC drawings and details, referred to in Condition B.9.(b)(iv), include:
 - (a) A coordination commitment assurance statement from the CPE; and
 - (b) Design assurance statements from each of the professional disciplines involved in the design of the Similkameen River Bridge.
- (c) Construction
 - (i) The Permittee must ensure that the Similkameen River Bridge is constructed in accordance with the designs and recommendations prepared by a Professional Engineer.
 - (ii) Prior to commencing foundation preparation or construction of the Similkameen River Bridge, the Permittee must submit to the Chief Inspector field review commitment assurance statements from each of the professional disciplines involved in the design of the Similkameen River Bridge.
 - (iii) By June 1 of the year following construction completion, the Permittee must submit to the Chief Inspector a Construction Records Report for the Similkameen River Bridge.
 - (iv) The Permittee must ensure the Construction Records Report, referred to in Condition B.9.(c)(iii), includes:
 - (a) All daily/weekly construction reports;
 - (b) Photos of key construction phases;
 - (c) QC documentation;
 - (d) A description and outcome of any unforeseen deviations, material changes and construction issues;
 - (e) Shop drawings;
 - (f) Record drawings;
 - (g) Field review assurance statements from the Qualified Professionals responsible for field reviews;
 - (h) Post construction design assurance statements from the Qualified Professional involved in the design of the Similkameen River Bridge; and
 - (i) A coordination assurance statement from the CPE.
- (d) Operations and Maintenance
 - (i) The Permittee must develop and implement a Similkameen River Bridge Monitoring and Maintenance Plan.
 - (ii) The Permittee must ensure that the plan, referred to in Condition B.9.(d)(i), includes:
 - (a) Roles and responsibilities;
 - (b) QPOs
 - (c) Monitoring and inspection types, locations, and frequency;
 - (d) Frequency of engineering review of data; and
 - (e) TARPs.

- (iii) With respect to the plan, referred to in Condition B.4.(d)(i), the Permittee must ensure that a Professional Engineer:
 - (a) Reviews the plan annually, and
 - (b) Updates the plan when there are material changes, or as directed by the Chief Inspector.
- (e) Reporting
 - (i) The Permittee must ensure that a Qualified Professional completes a Facility Performance Report annually for the Similkameen River Bridge.
 - (ii) The Permittee must ensure that the report, referred to in Condition B.9.(e)(i), includes the following:
 - (a) Results of the review, including the performance of the facility;
 - (b) A summary of the maintenance and monitoring program; and
 - (c) A Summary of the observations and recommendations.
 - (iii) By March 31 of the following year, the Permittee must submit to the Chief Inspector the report referred to in Condition B.9.(e)(i).

10. Mine Site, Plant, Shop, and Other Infrastructure

- (a) The Permittee must ensure that retaining walls greater than 1.2 m in height are constructed in accordance with the designs and recommendations prepared by a Professional Engineer.

C. PROTECTION OF LAND, WATERCOURSES, AND CULTURAL HERITAGE RESOURCES

1. General

- (a) The Permittee must ensure that written recommendations made by a Qualified Professional relating to environmental protection are implemented as prescribed unless a suitable alternative course of action is recommended in writing by a Qualified Professional.

2. Metal Leaching (ML) and Acid Rock Drainage (ARD)

(a) General

- (i) The Permittee must ensure that materials with the potential to generate metal leaching (ML) and acid rock drainage (ARD) are placed in a manner that minimizes the production and release of constituents related to ML/ARD.

(b) Definition of Potentially Acid Generating (PAG) and Metal Leaching (ML) Materials

- (i) The Permittee must define waste rock and low-grade ore containing soluble metal, metalloid, or non-metal levels (as determined by shake flask extraction testing) higher than the receiving water objectives as potentially ML.
- (ii) The Permittee must define waste rock and low-grade ore as acid generating (AG) if they have a paste pH < 6.5 or a rinse pH < 5.
- (iii) The Permittee must define waste rock and low-grade ore from Copper Mountain Zones 2 and 5 and exposed by the construction of the East Haul Road as potentially acid generating (PAG) if they have a Copper Mountain Carbon Neutralization Potential (CNP_{CM}) Ratio (CNP/Acid Potential [AP]) < 1.5, where AP is determined using total sulphur and CNP is calculated from total carbon (C_{total}) as $CNP_{CM} = (0.90 * C_{total}(\%) - 0.029) * (1000/12)$.
- (iv) The Permittee must define waste rock and low-grade ore from the New Ingerbelle pit as PAG if they have a New Ingerbelle Carbon Neutralization Potential (CNP_{NI}) Ratio (CNP/Acid Potential [AP]) < 1.5, where AP is determined using total sulphur and CNP is calculated from total carbon as $CNP_{NI} = (0.84 * C_{total}(\%)) * (1000/12)$, and a total sulphur content greater than or equal to 0.1%.
- (v) The Permittee must define waste rock from Copper Mountain Zone 10 as PAG.

(c) ML/ARD Management

- (i) The Permittee must maintain an ML/ARD Management Plan that includes SOPs and a (QA/QC program).
- (ii) The Permittee must ensure that ML/ARD management is reviewed annually by a Qualified Professional.
- (iii) Annually, the Permittee must ensure that the ML/ARD Management Plan is reviewed and authenticated by a Qualified Professional.

- (iv) By December 31 annually, the Permittee must submit to the Chief Inspector updated ML/ARD Management Plans.
- (v) For each collected ML/ARD sample, the Permittee must record the location and geological description, including rock type, lithology, and oxidation type or weathering state, if applicable to the sample. The Permittee must also record other diagnostic features significant to ML/ARD, if observable, including, carbonate and sulphide mineralogy and abundance.
- (vi) Construction Materials
 - (a) The Permittee must not use AG or PAG material for construction purposes, except for areas located within the open pit that will be permanently flooded at closure.
 - (b) The Permittee must not use potentially ML material for construction purposes, except in locations where all the contact water is collected by a Surface Water Management Structure and conveyed directly to the TSF or within an open pit.
- (vii) Waste Rock and Low-Grade Ore
 - (a) The Permittee must segregate PAG waste rock and low-grade ore from Copper Mountain Zones 2 and 5 and exposed by the construction of the East Haul Road when the quarterly average of post-depositional monitoring data of the -2 mm fraction reaches the trigger level of the $CNPR_{Blast} < 1.8$, where $CNPR_{Blast}$ is based on quarterly average CNP and AP using the formula in Condition C.2.(b)(iii).
 - (b) The Permittee must segregate PAG waste rock and low-grade ore from the New Ingerbelle Zones 2, 3, 4 and 8 when the quarterly average of post-depositional monitoring data of the -2 mm fraction reaches the trigger level of the $CNPR_{Blast} < 1.8$, where $CNPR_{Blast}$ is based on quarterly average CNP and AP using the formula in Condition C.2.(b)(iv).
 - (c) Once segregation commences, the Permittee must continue to segregate PAG waste rock and low-grade ore until the quarterly average of the post-depositional monitoring data for the -2 mm fraction reaches the alert level of < 1.8 .
 - (d) The Permittee must store segregated PAG waste rock in an approved PAG waste rock storage area or as backfill in the open pits below the ultimate flooding level.
 - (e) The Permittee must implement the contingency mitigation plan for Princeton Group Volcanic (PGV) material stored in the Oriole PAG NERSA (Document 32.3; Appendix A) by December 31, 2026, unless all PGV material from the PAG NERSA is backfilled to an open pit below the ultimate flooding level before that date.

- (f) The Permittee must store segregated PAG low grade ore in a designated area within the approved low-grade ore (LGO) stockpile prior to milling.
 - (g) At the permanent cessation of mill operations, the Permittee must relocate all PAG rock stored in the PAG waste rock storage areas to the open pits below the ultimate flooding level, where it must be stored in a permanently flooded state.
 - (h) At the permanent cessation of mill operations, the Permittee must relocate any PAG LGO from the LGO stockpile to the open pits below the ultimate flooding level, where it must be stored in a permanently flooded state.
- (d) ML/ARD Monitoring
 - (i) The Permittee must implement an ML/ARD monitoring program in accordance with the recommendations of a Qualified Professional. The Permittee must ensure that the monitoring program includes:
 - (a) Monthly post-depositional composite sampling at 25 m intervals along active waste rock storage area crests, including the <2 mm and >25 mm fractions;
 - (b) Gas monitoring and kinetic testing to evaluate attenuation mechanisms along TSF seepage pathways; and
 - (c) Sampling of rock disturbed or produced by a mining activity at a representative frequency as determined by a Qualified Professional.
 - (ii) The Permittee must ensure ML/ARD samples, referred to in Condition C.2.(d)(i), are analyzed at the on-site laboratory or at an independently operated accredited laboratory in accordance with the recommendations of a Qualified Professional.
 - (iii) The Permittee must ensure that at least 5% of ML/ARD samples, referred to in Condition C.2.(d)(i), are analyzed at an independently operated accredited laboratory in accordance with the recommendations of a Qualified Professional to confirm results produced at the on-site laboratory.
- (e) ML/ARD Reporting
 - (i) The Permittee must maintain a materials inventory of mined materials, including LGO, waste rock, tailings, construction materials, and water treatment by-products. The Permittee must ensure the materials inventory includes:
 - (a) The geochemical characteristics, quantities, and storage locations for mined materials; and
 - (b) Exposure times for PAG and potentially ML materials deposited in the TSF.

3. Surface Water and Groundwater

(a) Surface Water and Groundwater Management

- (i) The Permittee must maintain a Surface Water and Groundwater Management Plan, including SOPs and a QA/QC program. The Permittee must ensure that:
 - (a) The Surface Water and Groundwater Management Plan includes:
 - (i) Description and schematics of overall site water management processes and infrastructure;
 - (i) Description of existing water management infrastructure;
 - (ii) Detailed monitoring and maintenance procedures and schedules for site water management infrastructure;
 - (iii) Contingency plans for maintenance of a water cover in the TSF under variable scenarios; and
 - (iv) Contingency plans for storage and management of effluent on the mine site that is unable to be discharged to the environment.
 - (b) Annually, a Qualified Professional reviews the site-wide surface water and groundwater management;
 - (c) Annually, the plan is reviewed and authenticated by a Qualified Professional; and
 - (d) By December 31 annually, updated plans are submitted to the Chief Inspector.
- (ii) The Permittee must maintain a system of non-contact and contact Surface Water Management Structures and seepage interception systems to minimize contaminant loadings from areas of disturbance or waste disposal to undisturbed land and watercourses.
- (iii) No later than 90 days prior to initiating New Ingerbelle Open Pit Phase 1b mining or mining past 15 m below the elevation of the Similkameen River, the Permittee must submit to the Chief Inspector an updated New Ingerbelle Pit East Wall Seepage Monitoring and Mitigation Plan (Document 34.10; Appendix A).
- (iv) The Permittee must ensure that the plan, referred to in Condition C.3.(a)(iii), includes an updated seepage TARP and considers the following:
 - (a) Updated conceptual model of the New Ingerbelle Pit East Wall hydrogeology, based on the recommendations of a Qualified Professional;
 - (b) Results of groundwater quality, quantity, and water level monitoring in the New Ingerbelle Pit East Wall during Phase 1a mining;
 - (c) Results of water level monitoring in the New Ingerbelle Pit during initial dewatering;
 - (d) Assessment whether seepage to the New Ingerbelle Pit through the East Wall could be impacting flow in the Similkameen River; and
 - (e) Inclusion of triggers that if exceeded would result in cessation of pit development.

(b) Surface Water and Groundwater Monitoring

- (i) The Permittee must maintain a Site-wide Surface Water and Groundwater Monitoring Program to track changes to surface water, seepage, and groundwater quantity and quality on the mine site, including a QA/QC program. The Permittee must ensure that the site-wide surface water and groundwater monitoring program is:
 - (a) Reviewed annually by a Qualified Professional;
 - (b) Capable of providing early warning about the onset of ARD or an increase in loadings of constituents related to ML/ARD;
 - (c) Capable of providing early warning about an increase in seepage rates in the vicinity of the TSF;
 - (d) Capable of distinguishing flow, water quality, and load from different seepage interception systems at the East and West Dams of the TSF;
 - (e) Capable of assessing depressurization and dewatering requirements as the New Ingerbelle pit develops;
 - (f) Capable of assessing changes in New Ingerbelle Pit water level and inflow, and groundwater levels and flow between the East Wall and the Similkameen River;
 - (g) Capable of assessing whether seepage to the New Ingerbelle Pit through the East Wall could be impacting flow in the Similkameen River;
 - (h) Capable of informing the development, and ongoing refinement, of geochemical source terms, site-wide water balance and water quality modelling, hydrogeological characterization of the New Ingerbelle East Wall and groundwater modelling;
 - (i) Capable of identifying any changes in groundwater quality associated with the active use of the Oriole PAG NERSA; and
 - (j) Capable of identifying pit lake stratification and the processes controlling stratification, if identified for any pits that impound water.
- (ii) The Permittee must keep monitoring results of surface water, groundwater, and seepage quality and quantity up to date in a dedicated database.
- (iii) The Permittee must ensure that surface water and groundwater sampling is conducted in accordance with the most recent version of the British Columbia Field Sampling Manual, unless otherwise specified by the Qualified Professional responsible for the sampling program design.
- (iv) The Permittee must monitor quantities of water on the mine site using methods in accordance with the most recent version of the Manual of British Columbia Hydrometric Standards.

(c) Surface Water and Groundwater Modelling and Mitigation Planning

- (i) Every five years, beginning October 1, 2026, or more frequently if recommended by a Qualified Professional, the Permittee must update the Site-wide Water Quality Model and submit to the Chief Permitting Officer a Surface Water Quality Model Report. The Permittee must ensure that the model update and the report include:
 - (a) Documentation of the incorporation of the most recent updated numerical groundwater model;
 - (b) Documentation of the incorporation of an updated East Wall hydrogeological model;
 - (c) Documentation of the incorporation of the most recent reconciled site-wide water balance;
 - (d) Recent monitoring data including groundwater and surface water quality, groundwater levels, surface water quantity, and geochemical characteristics;
 - (e) Assessment of pumping requirements and systems for the New Ingerbelle Pit;
 - (f) Assessment of effectiveness and longevity seepage attenuation along TSF seepage pathways;
 - (g) Assessment of whether seepage to the New Ingerbelle Pit through the East Wall could be impacting flow in the Similkameen River;
 - (h) Description and results of model calibration or validation;
 - (i) A comparison of surface water quality monitoring data to the model predictions; and
 - (j) A comparison of model predictions to applicable provincial water quality standards and receiving water objectives.
- (ii) Every five years, beginning October 1, 2027, the Permittee must submit to the Chief Permitting Officer an updated Water Quality Mitigation Plan. The Permittee must ensure that the plan includes a discussion of effectiveness of existing, and determination of additional seepage interception, source control, and water quality mitigation measures required to achieve provincial water quality standards and end land use and productivity objectives.

4. Water Treatment

(a) Water Treatment

- (i) No later than October 1, 2027, unless otherwise approved in writing by the Chief Permitting Officer, the Permittee must submit to the Chief Permitting Officer for approval a Design and Implementation Report for the treatment of mine effluent discharges to Wolfe Creek, that includes:
 - (a) Detailed design of the proposed water treatment system(s);
 - (b) An overview of the proposed water treatment system(s) and associated water management infrastructure;

- (c) An assessment of the base-case and upper-case volumes of water, concentrations of nitrate, phosphorus and selenium, and any other parameters of potential concern (POPCs) on an annual basis based on the predicted results of the most recent water quality model;
 - (d) An assessment of the annual volume and geochemical composition of the waste produced as a by-product of the water treatment system(s);
 - (e) The proposed disposal method of all waste by-products and, if being disposed within the Permitted Mine Area, an assessment of the potential impacts to water quality;
 - (f) A Reclamation Liability Cost Estimate (RLCE) and an accompanying Basis of Estimate report in a form acceptable to the Chief Permitting Officer; and
 - (g) Schedules and triggers for construction, commissioning, operation, and closure of the water treatment system(s) and water management infrastructure.
 - (ii) No later than three months after receiving approval from the Chief Permitting Officer, unless otherwise approved in writing by the Chief Permitting Officer, the Permittee must commence construction of the water treatment system(s) in accordance with the approved design, referred to in Condition C.4.(a)(i).
 - (iii) The Permittee must construct, commission, and begin operation of any water treatment system, approved in Condition C.4.(a)(ii), in accordance with the schedules and triggers included in the approved design and implementation report, referred to in Condition C.4.(a)(i).
- (b) Water Treatment System Operation
- (i) No later than three months after commencing the operation of any water treatment system, referred to in Condition C.4.(a)(ii), the Permittee must submit to the Chief Inspector an OMS Manual that outlines procedures for the operation, monitoring and maintenance of all aspects of any water treatment system(s). The Permittee must ensure that the OMS Manual includes:
 - (a) Health, safety and environmental considerations for plant operation;
 - (b) Process design;
 - (c) Maintenance schedule and requirements, and critical spares;
 - (d) Emergency procedures for upset conditions or malfunctions including power failure;
 - (e) Reagent Safety Data Sheets (SDS) information;
 - (f) Equipment manuals;
 - (g) Monitoring requirements;
 - (h) Sludge, brine and/or treatment by-product management and disposal plans;
 - (i) Standard Operating Procedures; and
 - (j) Other ancillary information.
 - (ii) The Permittee must operate and maintain water treatment system(s) in accordance with the OMS Manual(s), referred to in Condition C.4.(b)(i), unless otherwise authorized by the Chief Permitting Officer.

- (iii) At least every five years, the Permittee must update each OMS Manual, referred to in Condition C.4.(b)(i), and submit it to the Chief Inspector.
 - (iv) Prior to implementation of substantive changes to water treatment processes for any water treatment system, referred to in Condition C.4.(a), the Permittee must notify the Chief Permitting Officer.
- (c) Seepage Interception Systems
 - (i) Prior to commencing construction, commissioning, and operation of TSF seepage interception systems, the Permittee must submit a Design and Implementation Report to the Chief Permitting Officer for approval that includes:
 - (a) Detailed design of the proposed seepage interception system;
 - (b) Schedule for construction, commissioning and operation;
 - (c) An overview of the proposed system and other associated water management infrastructure;
 - (d) An assessment of the base-case and upper-case volumes of water, concentrations of selenium and nitrate, and any other POPCs on an annual basis based on the predicted results of the most recent water quality model;
 - (e) An assessment of the environmental flow needs in the receiving environment;
 - (f) A RLCE and an accompanying Basis of Estimate report in a form acceptable to the Chief Permitting Officer; and
 - (g) Schedules and triggers for construction, commissioning, operation, and closure of the water treatment system or systems and water management infrastructure.
 - (ii) The Permittee must construct, commission, and operate the seepage interception systems in accordance with the approved design, implementation details, and schedule, referred to in Condition C.4.(c)(i).
 - (iii) The Permittee must notify the Chief Permitting Officer in writing of any substantive changes to the existing seepage interception systems prior to implementation of the changes.
- (d) Water Treatment Research and Development
 - (i) The Permittee must notify the Chief Permitting Officer in writing prior to undertaking any field trial water treatment research and development within the Permitted Mine Area.
 - (ii) The Permittee must conduct technology research and development programs that are designed and implemented to achieve, at a minimum, the following objectives:
 - (a) Identify, evaluate, and verify waste management approaches and/or mitigations that minimize the release of mine related constituents, including selenium, nitrate, and sulphate;
 - (b) Identify, evaluate and verify attenuation of POPCs along TSF seepage pathways including longevity of suboxic conditions, selenium and nitrate removal mechanisms, and forms of attenuated selenium;

- (c) Pilot and/or demonstration scale trialing of water quality mitigation technologies as contingency systems if seepage attenuation and pump-back are insufficient to manage POPCs in TSF seepage;
- (d) Identify, evaluate, and verify management approaches and/or mitigations that minimize the release of sulphate from the TSF during and following operations; and,
- (e) Develop waste management and/or mitigations that improve water quality within Wolfe Creek and the Similkameen River watershed.

5. Pre-Disturbance Ecosystems and Habitats Surveys

- (a) Prior to any new disturbance within the Permitted Mine Area (Figure 1), the Permittee must ensure that pre-disturbance field surveys are conducted by a Qualified Professional to identify, document and mitigate potential environmental risks and impacts before construction begins.
- (b) The Permittee must ensure that pre-disturbance field surveys, referred to in Condition C.5.(a), document and map:
 - (i) Ecosystem types;
 - (ii) Wildlife and wildlife habitat,
 - (iii) Unique habitat features (e.g., mineral licks, dens for furbearers, ungulate wallows, raptor nests, bat hibernacula, wildlife movement corridors, amphibian breeding ponds, etc.);
 - (iv) Biophysical attributes of critical habitat and sensitive ecosystems including mature forests, wetlands and rare plants; and
 - (v) Other features of interest, including values ecological communities, or species identified as culturally important to potentially affected First Nations, including USIB and LSIB and upon request, other First Nations.
- (c) The Permittee must ensure that results of the pre-disturbance field surveys, referred to in Condition C.5.(a), are used for the following purposes:
 - (i) Evaluation of direct and indirect impacts;
 - (ii) Development of mitigation measures or measures to minimize impacts should complete avoidance is not possible;
 - (iii) Updates to management plans; and
 - (iv) Preparation of Construction of Environmental Management Plans.

6. Construction Environmental Management Plans

- (a) No later than 60 days prior to commencing new disturbance in the Permitted Mine Area (Figure 1), the Permittee must submit to the Chief Inspector a site-specific Construction Environmental Management Plan. The Permittee must ensure that each plan includes:
 - (i) Findings of pre-disturbance archeological surveys;
 - (ii) Findings of pre-disturbance environmental surveys;
 - (iii) Description of vegetation and invasive plant mitigation and management measures, including buffer setbacks and Best Management Practices;

- (iv) Soil management, including salvage and stockpiling procedures for soil and large woody debris;
- (v) Description of all wildlife species including Species at Risk, mitigation and management measures, including sensitive periods, timing windows, buffer setbacks and Best Management Practices;
- (vi) Fuel management and spill response;
- (vii) Water management measures;
- (viii) Construction schedule;
- (ix) Incident response and reporting plans;
- (x) Site specific designs;
- (xi) Site specific mitigations,
- (xii) Construction Environmental Monitor oversight requirements as determined by a Qualified Professional; and
- (xiii) Implementation and effectiveness monitoring program for construction management measures.

7. Construction Environmental Management

- (a) Where specified in the Construction Environmental Management Plan, the Permittee must ensure that an on-site qualified and trained Construction Environmental Monitor oversees construction activities.
- (b) The Permittee must ensure that the Construction Environmental Monitor, referred to in Condition C.7.(a), has the authority to implement remedial actions as may be necessary to ensure maintenance of environmental standards and permit requirements.
- (c) If the Construction Environmental Monitor, referred to in Condition C.7.(a), suspends works for any reason, the Permittee must notify the Chief Inspector within 12 hours.

8. Fugitive Dust Management

- (a) The Permittee must implement a Fugitive Dust Management Plan.
- (b) The Permittee must ensure the Fugitive Dust Management Plan effectively controls dust emissions from the mine facilities, access roads, and mine activities and includes:
 - (i) Identification of dust sources and specific measures to mitigate dust for each source;
 - (ii) A site-specific, event- and activity-based effectiveness monitoring program;
 - (iii) A TARP that addresses specific environmental and site conditions that could result in generation of dust and includes response procedures to manage dust generation and control fugitive dust;
 - (iv) Contingency plans to address circumstances where prescribed dust control measures are ineffective or inoperable for any reason;
 - (v) Procedures intended to evaluate potential effects of dust and the effectiveness of mitigation measures; and
 - (vi) Procedures to address and report on public complaints.

- (c) With respect to the Fugitive Dust Management Plan, referred to in Condition C.8.(a), the Permittee must ensure the plan is reviewed annually and updated as required.

9. Erosion Control and Sediment Control

- (a) No later than April 30, 2026, the Permittee must update and implement the Erosion and Sediment Control Plan and submit it to the Chief Inspector. The Permittee must ensure that the plan considers the Professional Practice Erosion and Sediment Control Guidelines and includes:
 - (i) Project phasing;
 - (ii) Identification of areas of potential erosion and sediment risk;
 - (iii) An assessment of potential erosion/soil loss;
 - (iv) A site-specific erosion and sediment risk assessment;
 - (v) Site-specific mitigation measures to address identified risks;
 - (vi) Erosion and sediment control measures, practices, and facilities (applicable to each phase or catchment area);
 - (vii) Erosion and sediment control specifications, including locations, relevant product information, installation criteria, and applicable maintenance criteria;
 - (viii) A site-specific, event- and activity-based, effectiveness monitoring program;
 - (ix) A TARP that addresses specific environmental and site conditions that could result in erosion or generation of sediment and includes proactive reporting out procedures if erosion control measures are ineffective or inoperable for any reason;
 - (x) Erosion and sediment control team members and contact information;
 - (xi) Applicable timing restrictions, including wet weather operating restrictions;
 - (xii) Reference to relevant regulatory criteria;
 - (xiii) Contingency plans to address circumstances where prescribed erosion control measures are ineffective or inoperable for any reason; and
 - (xiv) Erosion and Sediment Control Qualified Professional Assurance Statement.
- (b) With respect to the Erosion and Sediment Control Plan, referred to in Condition C.9.(a), the Permittee must ensure the plan is reviewed annually and updated as required.
- (c) The Permittee must ensure inspections are conducted at stream crossings, contact and non-contact water management structures, and snow dumps during rain or snow events and daily during freshet, on the mine site.
- (d) When an unauthorized discharge of sediment-laden water to the receiving environment is observed by a responsible person, the Permittee must implement immediate remedial action.
- (e) During an unauthorized discharge of sediment-laden water to the receiving environment, the Permittee must sample and characterize the water and report the discharge event to the Chief Inspector within 24 hours.
- (f) The Permittee must ensure the characterization of unauthorized discharges of sediment-laden run-off, referred to in Condition C.8.(e), is conducted in accordance with the recommendations of a Qualified Professional.

- (g) Prior to commencement of construction of the East Haul Road and Similkameen River Bridge, the Permittee must develop and implement a project specific Erosion and Sediment Control Plan and submit it to the Chief Inspector. The Permittee must ensure that the plan considers the Professional Practice Erosion and Sediment Control Guidelines and includes the items identified in Condition D.9.(a).

10. Soil Salvage and Stockpiling

- (a) No later than April 30, 2026, the Permittee must update and implement the site wide Soil Management Plan to include the New Ingerbelle Project and submit it to the Chief Inspector.
- (b) The Permittee must salvage and stockpile topsoil, overburden, organic material, and large woody debris for use in reclamation unless these activities are precluded for safety reasons. The Permittee must ensure:
 - (i) Sampling, salvage, segregation, and stockpiling activities are conducted under the supervision of a Qualified Professional;
 - (ii) Materials are segregated based on salvage origin and measured suitability for reclamation purposes;
 - (iii) Prior to mixing with other sources and/or applying on-site, materials with the potential to be contaminated are characterized to evaluate their suitability for reclamation; and
 - (iv) A materials inventory is maintained that includes the locations, origins, and quantities of material.
- (c) The Permittee must protect the stockpiles, referred to in Condition C.10.(b), from erosion, degradation, and contamination through revegetation and/or other practices.
- (d) The Permittee must ensure that the stockpiles, referred to in Condition C.10.(b), are clearly marked to ensure that they are protected during construction and mine operations.
- (e) The Permittee must not use soil suitable for use in reclamation as fill.
- (f) With respect to the Soil Management Plan, referred to in Condition C.10.(a), the Permittee must ensure the plan is reviewed annually and updated as required; and
- (g) Prior to salvage or stripping of soils or surficial materials within the PMA (Figure 1) that have originated from or been affected by ETL operations, the Permittee must characterize these materials in accordance with BC Contaminated Sites Regulation standards in order to determine whether the material is suitable for salvage or requires removal from site to an accredited disposal facility.

11. Vegetation Management

- (a) No later than October 31, 2026, the Permittee must update and implement the Vegetation Management Plan and submit it to the Chief Inspector.
- (b) The Permittee must ensure that the plan, referred to in Condition C.11.(a), includes:
 - (i) A summary of supplementary pre-disturbance survey results, including surveys for biophysical attributes of any critical habitat;

- (ii) A description of scientific standards used in pre-disturbance surveys;
 - (iii) The area of habitat, in hectares, for each rare plant and sensitive ecosystem directly and indirectly impacted;
 - (iv) Mitigation measures to be implemented and measurable goals for evaluating mitigation success;
 - (v) A description of how selected mitigation measures address the potential for time lags between when the Project impacts occur and when mitigation measures are implemented and are fully functional;
 - (vi) A schedule indicating when mitigation measures will be implemented and their estimated completion dates; and
 - (vii) A program for monitoring mitigation measures, including survey methods, corrective measures, and detailed criteria that describe the circumstances under which each measure will be applied.
- (c) The Permittee must limit disturbance to vegetation to those areas approved by this permit.
- (d) The Permittee must avoid burning and/or disposal of large woody debris suitable for use in reclamation.
- (e) The Permittee must implement the Invasive Plant Management Plan. The Permittee must ensure the plan:
- (i) Outlines activities to manage the ingress, establishment, and spread of invasive plants on areas disturbed by mine activities;
 - (ii) Includes a protocol and decision process where the use of non-chemical methods of invasive plant management is considered prior to herbicide treatment options;
 - (iii) Includes management strategies for vectors that transport invasive plant seed and materials to or from the mine site.
- (f) Prior to blending or applying commercially purchased seed, the Permittee must ensure that a Qualified Professional reviews the Seed Analysis Certificate(s) to confirm compliance with the BC Weed Control Regulation and/or confirm the absence of noxious or regionally high priority invasive plant seeds.
- (g) With respect to the Vegetation Management Plan, referred to in Condition C.11.(a), and the Invasive Plant Management Plan in Condition C.11.(e), the Permittee must ensure the plans are reviewed annually and updated as required.
- (h) The Permittee must make reasonable efforts to salvage and relocate rare plants and plant species at risk.

12. Metal Uptake Monitoring Program

- (a) The Permittee must develop and implement a monitoring program for evaluating metal uptake in exposed terrestrial and aquatic ecosystems, which specifies sampling requirements and performance criteria. The Permittee must identify program sampling methods and locations in consultation with USIB and LSIB and, upon request, other First Nations.

- (b) For the monitoring program, referred to in Condition C.12.(a), where harmful levels of metals are found, as determined by a Qualified Professional, the Permittee must submit a mitigation plan to the Chief Permitting Officer for approval to mitigate potential impacts on plant and animal life.

13. Wildlife Protection

- (a) No later than October 31, 2026, the Permittee must update and implement the Wildlife Management Plan and submit it to the Chief Inspector.
- (b) The Permittee must ensure that the Wildlife Management Plan, referred to in Condition C.13.(a), outlines site-specific procedures and mitigation measures to be implemented throughout all phases of mine life to limit and mitigate potential impacts to wildlife from mine activities. The Permittee must ensure that the plan includes:
 - (i) A summary of supplementary pre-disturbance survey results, including surveys for biophysical attributes of critical habitat;
 - (ii) A description of scientific standards used in pre-disturbance surveys;
 - (iii) The location, types and total spatial area (ha) for each habitat type directly and indirectly impacted by the Project;
 - (iv) Reasonable measures to minimize physical and sensory impacts to wildlife and wildlife habitat including:
 - (a) Mitigation measures to be implemented and measurable targets for evaluating mitigation success; and
 - (b) A description of how selected mitigation measures address the potential for time lags between when the Project impacts occur and when mitigation measures are implemented and are fully functional;
 - (v) A schedule indicating when mitigation measures will be implemented and their estimated completion dates; and
 - (vi) A program for monitoring mitigation measures, including survey methods, corrective measures, and detailed criteria that describes the circumstances under which each measure will be applied.
- (c) The Permittee must install wildlife fencing as directed by a Qualified Environmental Professional along the east and west haul roads to direct wildlife under the Similkameen River Bridge.
- (d) The Permittee must construct a minimum 2 m wide wildlife pathway on both sides of the Similkameen River Bridge that extends the length of the riprap aprons.
- (e) The Permittee must incorporate a hunting and firearms policy that prohibits use of firearms in the Permitted Mine Area (Figure 1), in the Mine Health and Safety Program required under Part 1.6.9 of the HSRC.
- (f) With respect to the Wildlife Management Plan, referred to in Condition C.13.(a), the Permittee must ensure the plan is reviewed annually and updated as required.

14. Biosolids Management

The Permittee must implement the Biosolids Management Plan that includes provincial land application best management practices.

15. Cultural Management Plan

- (a) No later than October 31, 2027, the Permittee must develop and implement a Cultural Management Plan and submit it to the Chief Inspector. The Permittee must develop the plan in collaboration with USIB and LSIB and, upon request, other First Nations.
- (b) The Permittee must ensure that the Cultural Management Plan, referred to in Condition C.15.(a), outlines site-specific procedures and mitigation measures to be implemented throughout all phases of mine life to minimize and mitigate potential impacts to cultural use from mining activities. The Permittee must ensure that the plan includes:
 - (i) Consideration of the results of use and occupancy studies;
 - (ii) Documentation of the results of collaboration with First Nations;
 - (iii) An assessment of cultural impacts of the New Ingerbelle project, with specific attention to the South NERSA and East Haul Road;
 - (iv) An assessment of cultural impacts associated with mining activity within 250 m of the Similkameen River;
 - (v) An assessment of impacts of fugitive dust on values within 250 m of the Similkameen River.
 - (vi) A description of mitigation measures to be implemented;
 - (vii) An implementation schedule for mitigation measures; and
 - (viii) A description of how mitigation measures will address the duration of impacts.
- (c) With respect to the Cultural Management Plan, referred to in Condition C.15.(a), the Permittee must ensure the plan is reviewed annually and updated as required.

16. Offsetting Plan

- (a) No later than October 31, 2027, the Permittee must develop an Offsetting Plan and submit it to the Chief Permitting Officer for approval. The Permittee must develop the plan in collaboration with USIB and LSIB, and upon request other First Nations.
- (b) The Permittee must ensure that the Offsetting Plan, referred to in Condition C.16.(a), includes:
 - (i) Identification of impacts on values by mining activities including:
 - (a) ungulate winter range;
 - (b) mature forest;
 - (c) rare plants and ecosystems;
 - (d) riparian ecosystems; and
 - (e) cultural use.

- (ii) Identification of mitigation measures for impacts on values, referred to in Condition C.16.(b)(i);
- (iii) Characterization of residual effects on values, referred to in Condition C.16.(b)(i) following the application of mitigation measures;
- (iv) Proposed offsets for any values identified in Condition C.16.(b)(i) where a significant adverse residual effect remains following the application of mitigation measures; and
- (v) Documentation of the results of collaboration with First Nations.

17. Archaeological Resources

- (a) Prior to beginning any mechanized surface disturbance on undisturbed lands, the Permittee must conduct field surveys consistent with archaeological and cultural heritage resources management procedures described in the *Heritage Conservation Act*.
- (b) The Permittee must implement a Chance Find Procedure that considers the cultural heritage policies of USIB and LSIB and, upon request, those of other First Nations. If unanticipated archaeological materials or cultural features are encountered during construction or mining activities, the Permittee must cease work in the immediate area and contact USIB, LSIB, and the branch responsible for administering the *Heritage Conservation Act*.
- (c) The Permittee must ensure that archaeological and heritage sites that are identified during field archaeological studies are clearly marked and avoided, where possible, during mining activity. For identified archaeological or heritage sites, the Permittee must engage with USIB and LSIB and, upon request, other First Nations on management and protection measures.
- (d) If a known archaeological or heritage site protected under the *Heritage Conservation Act* cannot be avoided by the project, the Permittee must cease all disturbance in the immediate area and contact the branch responsible for administering the *Heritage Conservation Act*.
- (e) The Permittee must obtain approval under the *Heritage Conservation Act*, prior to proceeding with any activities that will alter or damage the heritage site referred to in Condition C.17.(d).
- (f) The Permittee must ensure that all mitigation measures required by the branch responsible for administering the *Heritage Conservation Act* are complete before mining activities resume in the area referred to in Condition C.17.(d).
- (g) No later than March 31, 2026, the Permittee must provide the Interim Archaeological Impact Assessment Report for the New Ingerbelle Pit and South NERSA to the Chief Inspector.
- (h) No later than March 31, 2027, the Permittee must provide the final Archaeological Impact Assessment Report for the New Ingerbelle Pit and South NERSA to the Chief Inspector.

D. RECLAMATION AND CLOSURE PLAN

1. General

- (a) The Permittee must implement reclamation and closure activities under the direction of a Qualified Professional, unless otherwise approved in writing by the Chief Permitting Officer, to ensure that the approved reclamation activities are completed, monitored, and maintained in general accordance with the designs, accepted standards of practice, and intent to achieve the reclamation performance objectives identified in the approved Reclamation and Closure Plan.
- (b) In the description of the reclamation and environmental monitoring work submitted to the Chief Inspector annually, as required by the HSRC, the Permittee must include the following other reporting:
 - (i) Summary of the written recommendations made by a Qualified Professional, in accordance with Condition C.1.(a), and a timeline for implementation of recommendations;
 - (ii) Documentation of the annual review of the following management plans, including documentation of any recommended changes or updates:
 - (a) ML/ARD Management Plan, referred to in Conditions C.4.(c)(ii) and C.4.(c)(iii);
 - (b) Surface Water and Groundwater Management Plan, referred to in Conditions C.3.(a)(i)(b) and C.3.(a)(i)(c);
 - (c) Fugitive Dust Management Plan, referred to in Condition C.8;
 - (d) Erosion and Sediment Control Plan, referred to in Condition C.9;
 - (e) Soil Management Plan as referred to in Condition C.10;
 - (f) Vegetation and Invasive Plant Management Plans, referred to in Condition C.11;
 - (g) Wildlife Management Plan, referred to in Condition C.13; and
 - (h) Cultural Management Plan, referred to in Condition C.15;
 - (iii) The mine waste materials inventory, referred to in Condition C.2.(e)(i), including:
 - (a) A compilation of the analytical and characterization results for ML/ARD samples, including QA/QC results;
 - (b) A comparison of CNPNI and total sulphur (%), and discussion of implications to PAG definitions; and
 - (c) An assessment of the ML/ARD sample results, including identification of significant changes and trends.

- (iv) Results of surface water and groundwater monitoring, including QA/QC results, including the following information:
 - (a) Quantitative comparison of surface water and groundwater monitoring results to applicable provincial water quality standards and receiving water objectives;
 - (b) Quantitative comparison of surface water, groundwater, and ML/ARD monitoring results to relevant source terms and water quality predictions from the most up to date Site-wide Water Quality Model, referred to in Condition C.3.(c)(i);
 - (c) Assessment and discussion of changes in water quality and quantity; and
 - (d) If significant changes are observed between monitoring results and model predictions, as defined by a Qualified Professional, a discussion of recommended source term revisions and/or research.
- (v) Description of the performance of water collection systems, including seepage interception systems, and each water quality mitigation system, including source control and treatment, referred to in Condition C.4.(a), including the following information:
 - (a) System performance;
 - (b) Volume and water quality of drainage influent and effluent for each water treatment system;
 - (c) Volumes of reagents used;
 - (d) Volumes and characteristics of waste generated; and
 - (e) Information on process changes.
- (vi) Documentation of realized annual costs associated with each water treatment system, including seepage interception systems, source control and water treatment systems, referred to in Condition C.4.(a);
- (vii) The soil salvage materials inventory, referred to in Condition C.10;
- (viii) The results of the Metal Uptake Monitoring Program, referred to in Condition C.12.(a);
- (ix) Description and summary of the import, stockpiling and use of biosolids within the PMA including the following information:
 - (a) Volume of biosolids;
 - (b) Material characterization;
 - (c) Storage locations;
 - (d) Application locations;
 - (e) Application rates (dt/ha);
 - (f) Percent mixture of biosolids to soils; and
 - (g) Monitoring results.
- (x) The results of the Reclamation Research Program, referred to in Condition D.6.(b); and
- (xi) The results of the Reclamation Monitoring Program, referred to in Condition D.7.(a).

2. End Land Use

- (a) The Permittee must ensure that the land surface is reclaimed to the following end land use objectives:
 - (i) Wildlife habitat, with specific attention to re-establishing ungulate winter range, with provisions for the creation of habitat suitable to support the following target species: bighorn sheep, rocky mountain elk, moose, mule deer, white-tailed deer, black bear, cougar, furbearers, and raptors; and
 - (ii) Re-establishment of opportunities for post-mining traditional use of the land by USIB, LSIB, and other First Nations whose Consultation Area Boundaries overlap with the mine.

3. End Land Use Engagement

- (a) The Permittee must develop and undertake a process of engagement for end land use planning with USIB and LSIB and, upon request, other First Nations.
- (b) Annually, the Permittee must submit to the Chief Inspector an End Land Use Engagement Report, including a description of engagement and how results will be incorporated into the End Land Use Plan, referred to in Condition D.4.(a).

4. End Land Use Plan

- (a) No later than October 1, 2027, the Permittee must submit to the Chief Permitting Officer an End Land Use Plan developed in collaboration with USIB and LSIB and, upon request, other First Nations. The Permittee must ensure that the plan includes:
 - (i) Characterization of pre-mining ecosystems, land capability, and land uses, including First Nations use of the land as understood through engagement with the USIB and LSIB and upon request, other First Nations;
 - (ii) Results of ecohydrological modelling, or other planning exercises, to reconcile or minimize differences between the pre-mining conditions and post-mining projections;
 - (iii) End Land Use objectives and projected post-mining ecosystems (terrestrial and aquatic) and capability targets, including consideration of climate change scenarios; and
 - (iv) Summary of outcomes of engagement with USIB and LSIB and, upon request, other First Nations, and end land use engagement, as it relates to end land use planning for the mine.
- (b) The Permittee must use the End Land Use Plan, referred to in Condition D.4.(a), to inform the reclamation and closure design, prescriptions, and criteria for reclamation success in the Reclamation and Closure Plan Updates, referred to in Condition D.19.

5. Progressive Reclamation

- (a) The Permittee must reclaim all disturbed areas within the Permitted Mine Area (Figure 1), including borrow pits and quarries, which are no longer required for site operations to the approved end land use, referred to in Condition D.2.

- (b) The Permittee must reclaim all surface water management ponds and water diversions to satisfy stability requirements and end land use objectives, referred to in Condition D.2.
- (c) No later than June 30, 2026, the Permittee must submit to the Chief Inspector a site wide assessment of areas available for reclamation during operations and a schedule for commencement of reclamation activities for each area identified.

6. Reclamation Research Program

- (a) No later than June 30, 2026, the Permittee must update and implement a Reclamation Research Program and submit documentation of the program to the Chief Inspector. The Permittee must ensure that the Reclamation Research Program is developed in collaboration with USIB and LSIB and upon request, other First Nations. The Permittee must ensure the program is designed to address site-specific limitations, test reclamation and closure design assumptions, and test new reclamation approaches and hypotheses and includes:
 - (i) Identification of site-specific trials and studies required to address reclamation and closure information gaps for the site, including establishment of wetlands and aquatic habitat in pit lakes;
 - (ii) Identification of the hypotheses, methods (e.g. study area and experimental design, including sampling methodology, analysis to be conducted), schedule, reporting structure, and associated costs for each trial and study; and
 - (iii) A schedule for the implementation as it relates to the permitted mine life and the anticipated lead time for the execution of the Closure Plan.
- (b) Annually, the Permittee must ensure that the Reclamation Research Program, referred to in Condition D.6.(a), is reviewed and updated to account for:
 - (i) The development of detailed closure designs;
 - (ii) Refinement of reclamation prescriptions;
 - (iii) Advancement of the mine plan;
 - (iv) Progressive reclamation on the mine site; and
 - (v) The results of reclamation research conducted to date.
- (c) To support reclamation and closure planning, the Permittee must include in the Reclamation Research Program, referred to in Condition D.6.(a), studies to address the following research topics:
 - (i) The effectiveness of cover system designs where they are to be used as a form of source control mitigation and/or the basis for development of post-mining ecosystems;
 - (ii) Landform and surface preparation prescriptions;
 - (iii) Where a shortfall of soil is anticipated, the investigation of growth media amendments and alternatives to address the shortfall;
 - (iv) Revegetation prescriptions using native and culturally important species that also consider successional pathways and climate change;
 - (v) Evaluation of whether biosolids applications can support native species and ecological communities that support permitted end land use objectives;

- (vi) Reclamation prescriptions for the establishment of wetland features proposed in the Reclamation and Closure Plan;
 - (vii) Evaluation of potential selenium speciation, including the formation of organo-selenium compounds, in relation to closure plans for wetland features proposed in the Reclamation and Closure Plan;
 - (viii) Mitigation options, including designs, for reclaiming ecosystems and habitats that are predicted to be affected by mining activities;
 - (ix) Reclamation approaches and prescriptions for achieving land use and capability targets;
 - (x) For open pits and TSFs where water will be impounded to create bodies of water in closure and are not planned as a part of a permanent water treatment system, reclamation prescriptions for achieving productivity objectives; and,
 - (xi) Research and monitoring to assess contaminant and nutrient loading potential in runoff from biosolids applications areas, and in reclamation trials.
- (d) The Permittee must ensure that the results of the Reclamation Research Program, referred to in Condition D.6.(a), are used to develop each Reclamation and Closure Plan Update, referred to in Condition D.19.

7. Reclamation Monitoring Program

- (a) The Permittee must implement a Reclamation Monitoring Program to evaluate the effectiveness of closure designs and reclamation prescriptions. The Permittee must ensure that the Reclamation Monitoring Program includes:
- (i) Consideration of USIB and LSIB and, upon request, other First Nations reclamation targets and indicators for ecological and cultural function;
 - (ii) Defined performance criteria and quantitative metrics-of-success tied to the approved end land use, referred to in Condition D.2, capability objectives, and ecosystem targets;
 - (iii) Ecosystem-specific sampling parameters and performance criteria that consider pre-mining ecosystem benchmarks and future climate projections;
 - (iv) An evaluation of the success of revegetation, habitat restoration, wildlife use, and soil development; and
 - (v) An assessment of the trajectory in achievement of target ecosystems, end land use goals, and capability objectives, as detailed in the Reclamation and Closure Plan.

8. Human Health and Ecological Risk Assessment

- (a) The Permittee must consider the results of the Human Health and Ecological Risk Assessment (Document 34.12; Appendix A) in the Reclamation and Closure Plan Update, referred to in Condition D.19.

9. Re-vegetation

- (a) The Permittee must ensure the land is revegetated to a self-sustaining state using appropriate and/or native plant species including culturally important native species identified in collaboration with USIB and LSIB and upon request, other First Nations and consistent with the approved end land use, referred to in Condition D.2.

- (b) The Permittee must ensure that riparian areas are revegetated with appropriate riparian species.
- (c) The Permittee must consider seed provenance and prioritize the use of locally collected native seed and other locally derived plant stock, where possible.
- (d) The Permittee must evaluate the feasibility of establishing a native plant nursery to provide native plant feedstock for revegetation activities. The Permittee must ensure that the evaluation includes consideration of plants of traditional value, as determined in collaboration with USIB and LSIB and, upon request, other First Nations, and plant species that will aid in achieving the re-establishment of winter ungulate range.

10. Growth Medium

- (a) The Permittee must monitor soil replacement operations to ensure the minimum depths included in the approved Reclamation and Closure Plan are achieved.
- (b) The Permittee must develop and implement a confirmation sampling plan to ensure the quality of soil used for reclamation purposes will achieve end land use objectives.
- (c) Unless required by design to reduce water infiltration, the Permittee must ensure that areas to be reclaimed are decompacted prior to placement of soil and/or vegetation and in a manner intended to achieve end land use objectives and erosion control.

11. Contaminated Sites Assessment

- (a) Prior to reclamation of a soil treatment facility, fuel and hydrocarbon dispensing and storage areas, explosives storage areas, temporary stockpiles, and/or other areas where contamination may have occurred during mining operations, the Permittee must develop a monitoring program for each area designed to assess soil contamination.
- (b) No later than three months prior to decommissioning contaminated areas, the Permittee must develop and submit to the Chief Permitting Officer for approval a closure plan that addresses the remediation requirements.
- (c) No later than November 30, 2026, the Permittee must complete a Detailed Site Investigation (DSI) of the areas where contaminated materials, originating from the hazardous waste treatment facility operated by ETL, have been stockpiled within the PMA (Figure 1).
- (d) No later than March 31, 2027, the Permittee must submit to the Chief Permitting Officer for approval an ETL Materials Remediation Plan. The Permittee must ensure that the plan includes:
 - (i) Documentation of the results of collaboration with First Nations, including a description of any unresolved issues;
 - (ii) Consideration of the findings and recommendations of the DSI, referred to in Condition D.11.(c);
 - (iii) Delineated location (vertically and horizontally) of contaminated materials;
 - (iv) Proposed risk-based remediation methods to manage and mitigate the environmental risks of the contaminated materials; and

- (v) A description of how conformance with risk-based remediation standards will be measured and achieved.
- (e) No later than 12 months after approval, the Permittee must implement the approved ETL Materials Remediation Plan, referred to in Condition D.11.(d).

12. Surface Water Management Ponds and Channels

- (a) No later than three months prior to decommissioning contact water management structures the Permittee must develop and submit a Water Management Closure Plan to the Chief Permitting Officer for approval.
- (b) No later than three months prior to decommissioning a water treatment system, referred to in Condition C.4.(a), the Permittee must develop and submit a Water Treatment System Closure Plan to the Chief Permitting Officer for approval.

13. Underground Workings

- (a) No later than October 1, 2028, for each underground working daylighting to surface, the Permittee must submit to the Chief Permitting Officer for approval a detailed geotechnical Portal Closure Design and Cost Estimate Report.
- (b) No later than 90 days prior to construction of any portal closure, referred to in Condition D.13.(a), the Permittee must submit to the Chief Inspector an updated detailed geotechnical Portal Closure Design Report that demonstrates the design is suitable for the intended purpose.
- (c) No later than 30 days prior to construction of any portal closure, referred to in Condition D.13.(a), the Permittee must submit to the Chief Inspector a Construction Records Report. The Permittee must ensure the report includes IFC drawings, specifications, and QA/QC requirements.
- (d) By June 1 of the year following construction completion of the portal closure referred to in Condition D.13.(a), the Permittee must submit to the Chief Inspector a Construction Records Report prepared by a Qualified Professional.
- (e) The Permittee must ensure that the Construction Records Report, referred to in Condition D.13.(d), includes an authenticated assurance statement in a form specified by the Chief Inspector, that the facility substantially complies in all material respects with the design intent in the in the Portal Closure Design Report, referred to in Condition D.13.(b), and that the portal closure structure is suitable for use.

14. Open Pits

- (a) No later than October 1, 2028, the Permittee must submit to the Chief Permitting Officer an Open Pit Closure Water Management Plan. The Permittee must ensure that the plan includes:
 - (i) Storage-elevation curves;
 - (ii) Estimated time to ultimate pit lake elevation for all pits that impound, or will impound, water;
 - (iii) Consideration of the Level 6 adit closure plug; and

- (iv) Consideration of the storage capacity for backfilled mine rock.
- (b) No later than October 1, 2028, the Permittee must submit to the Chief Permitting Officer a Pit Highwall Closure Plan. The Permittee must ensure that the plan includes:
 - (i) Geochemical characteristics of the PAG material that will be exposed above the ultimate pit flooding level;
 - (ii) Recommendations from a Qualified Professional on any mitigation measures deemed necessary to achieve closure water quality objectives or permanently deter wildlife; and
 - (iii) Cost estimate for implementation of mitigation measures, if any.
- 15. Waste Rock Dumps
 - (a) The Permittee must ensure waste rock dump slopes are reclaimed to a minimum of 2:1.
- 16. Tailings Storage Facilities
 - (a) No later than September 30, 2026, the Permittee must submit to the Chief Permitting Officer a feasibility TSF Closure Design.
 - (b) Prior to implementing the TSF closure design as referred to in the HSRC, the Permittee must receive written approval from the Chief Permitting Officer.
- 17. Mine Roads
 - (a) The Permittee must ensure all mine roads are reclaimed, in accordance with recommendations of a Qualified Professional, to satisfy the end land use, referred to in Condition D.2., including all reasonable efforts to fully re-configure to conform to adjacent landscape where long-term stability is not compromised, unless permanent access is required.
 - (b) For individual mine roads, the Permittee may be exempted from the requirement for total reclamation under Condition D.17.(a) if:
 - (i) The Permittee can demonstrate that an agency of the Crown has explicitly accepted responsibility for the operation, maintenance, and deactivation and abandonment of the road; or
 - (ii) The Permittee can demonstrate that another private party has explicitly agreed to accept responsibility for the operation, maintenance, and deactivation and abandonment of the road and has agreed to comply with all the terms and conditions, including bonding provisions, of this reclamation permit, and to comply with all other relevant provincial government (and federal government) regulatory requirements.
- 18. Care and Maintenance
 - (a) No later than October 1, 2028, the Permittee must submit an updated Care and Maintenance Plan to the Chief Inspector. The Permittee must ensure the plan includes:
 - (i) A proposed Care and Maintenance period, defined as the period of time where mine closure is considered temporary, including supporting information;
 - (ii) A site map that includes all existing facilities and infrastructure;

- (iii) A summary of the potential health, safety, and environmental risks to the mine site and receiving environment that could occur during the proposed Care and Maintenance period;
- (iv) Updated site-wide water balance and water quality modelling results, based on current site characteristics and the proposed Care and Maintenance period. The updated modelling must evaluate possible ranges of rates and timing of site water discharges, including treated and untreated contact and non-contact water, based on an appropriate range of climatic conditions, as determined by a Qualified Professional;
- (v) Proposed changes to mitigations, including, but not limited to, water treatment, TSF closure cover, tailings storage, waste rock storage, ore storage, and water management during the proposed Care and Maintenance period;
- (vi) Identification and evaluation of any proposed new mitigation methods;
- (vii) Detailed design for any proposed changes to each water treatment system, referred to in Condition C.4.(a), including increases in treatment capacity;
- (viii) Proposed changes to environmental monitoring programs and compliance monitoring programs, including surface water and groundwater quantity and quality;
- (ix) Proposed changes to geotechnical monitoring and maintenance programs for site infrastructure, including open pits, waste dumps and stockpiles, TSF and dams, surface water management structures, and borrow pits and quarries;
- (x) Proposed changes to QPOs and TARPs for open pits, waste dumps, and stockpiles, as provided by a Professional Engineer;
- (xi) Proposed changes to QPOs and TARPs for TSFs and dams, as provided by the EoR and Dam Qualified Person;
- (xii) A summary of the outstanding reclamation and closure activities based on the most recent Reclamation and Closure Plan Update;
- (xiii) A summary of progressive reclamation activities planned to be undertaken during the Care and Maintenance period;
- (xiv) A Reclamation and Closure TARP, including implementation timelines, which will be used to implement outstanding reclamation and closure activities based on site conditions and on-going monitoring results;
- (xv) Updated Management Plans based on the proposed Care and Maintenance period;
- (xvi) Proposed contingency and adaptive management plans to maintain compliance with this permit, based on the information provided in the proposed Care and Maintenance Plan; and
- (xvii) Identify any aspects of the Care and Maintenance Plan that if they were implemented it would result in an increase in the reclamation liability cost estimate provided with the most recent Mine Plan and Reclamation Plan Update.

19. Reclamation and Closure Plan Update

- (a) No later than October 1, 2028, and every five years thereafter, the Permittee must submit to the Chief Permitting Officer for approval a site-wide Reclamation and Closure Plan Update. The Permittee must ensure the Reclamation and Closure Plan Update includes:
- (i) Documentation of how the End Land Use Plan, referred to in Condition D.4.(a), was considered;
 - (ii) Documentation of how a 250 m buffer on the Similkameen River was considered in relation to the Reclamation and Closure Plan and reclamation prescriptions;
 - (iii) Documentation of how the findings of the HHERA, referred to in Condition D.8.(a), were considered in the Reclamation and Closure plan and reclamation prescriptions;
 - (iv) A summary of existing mine disturbance and current conditions, with an identification of the remaining permitted mine life and anticipated cessation of mining and processing;
 - (v) Closure designs for underground workings, open pits, waste rock dumps, TSFs, and dams, including the identification of any information gaps and a plan with a schedule to address the gaps;
 - (vi) Reclamation and closure alternatives assessments for all TSFs, except closed TSFs, that include alternatives for maximizing long-term physical and geochemical stability, minimizing long term monitoring and maintenance requirements, and integration of site-wide land capability and land use objectives, referred to in Condition D.2;
 - (vii) Analyses demonstrating the closure plan is achievable including, analyses of closure and post-closure tailings consolidation and settlement and open pit slope stability;
 - (viii) Summary of post-closure water quality mitigation requirements identified in the Water Quality Mitigation Plan, referred to in Condition C.3.(c);
 - (ix) Reclamation and closure approaches and prescriptions for all mine components and disturbance areas, including the design basis, landform design, cover systems, surface preparation approaches, revegetation strategy, and watercourse and waterbody designs;
 - (x) A description of how ecosystem resiliency, adaptation, and succession have been considered in reclamation planning based on projected climate change scenarios;
 - (xi) The detailed reclamation program for the next five years, including progressive reclamation plans and the associated schedule of work;
 - (xii) The reclamation program for the permitted mine life including progressive reclamation plans and the associated schedule of work;
 - (xiii) The Reclamation Research Program, referred to in Condition D.6.(a), including:
 - (a) A summary of program results, key findings, and recommendations;
 - (a) Detailed reclamation research plans for the next five years; and
 - (b) Identification of the remaining knowledge gaps, including a plan for how those gaps will be addressed and a schedule.
 - (xiv) The Reclamation Monitoring Program, referred to in Condition D.7.(a), including:
 - (a) A summary of program results, key findings, and recommendations;
 - (b) A description of the current condition of reclaimed areas;

- (c) An assessment of reclamation trajectory and likelihood to meet target capability and ecosystems objectives; and
- (d) An estimated timeframe for achievement of end land use objectives.
- (xv) The Care and Maintenance Plan, referred to in Condition D.18.(a), that details site management, monitoring, and maintenance activities should the site be in a period of care and maintenance.
- (xvi) Identification of areas approved for exclusions of reclamation standards as described in Section 10.9.2 of the HSRC, including exemptions from revegetation requirements.

20. Reclamation Liability Cost Estimate

- (a) No later than October 1, 2028, and every five years thereafter, the Permittee must develop and submit a site-wide Reclamation Liability Cost Estimate (RLCE) to the Chief Permitting Officer.
- (b) The Permittee must ensure that the RLCE referred to in Condition D.20.(a) and an accompanying Basis of Estimate report are prepared by a Qualified Professional in a form acceptable to the Chief Permitting Officer.

E. SECURITY PAYMENTS

1. Reclamation Security

- (a) The Permittee must deposit security in the amount of \$158,559,000.00 with the Minister of Finance. The Permittee must provide the security in a form acceptable to the Chief Permitting Officer and in accordance with the following installment schedule:

<u>Date</u>	<u>\$</u>	<u>Cumulative</u>
Security held as of February 19, 2026		\$65,585,000.00
September 30, 2026	\$92,975,000.00	\$158,560,000.00

- (b) If construction of the water treatment system, referred to in Condition C.4.(a)(i), has not commenced in accordance with the timeline, referred to in Condition C.4.(a)(ii), then the Permittee is required to deposit security in the amount of \$50,000,000.00.
- (c) The Permittee is fully responsible for all costs associated with mine closure, reclamation, maintenance, and environmental protection, regardless of the amount of security provided under this Permit.

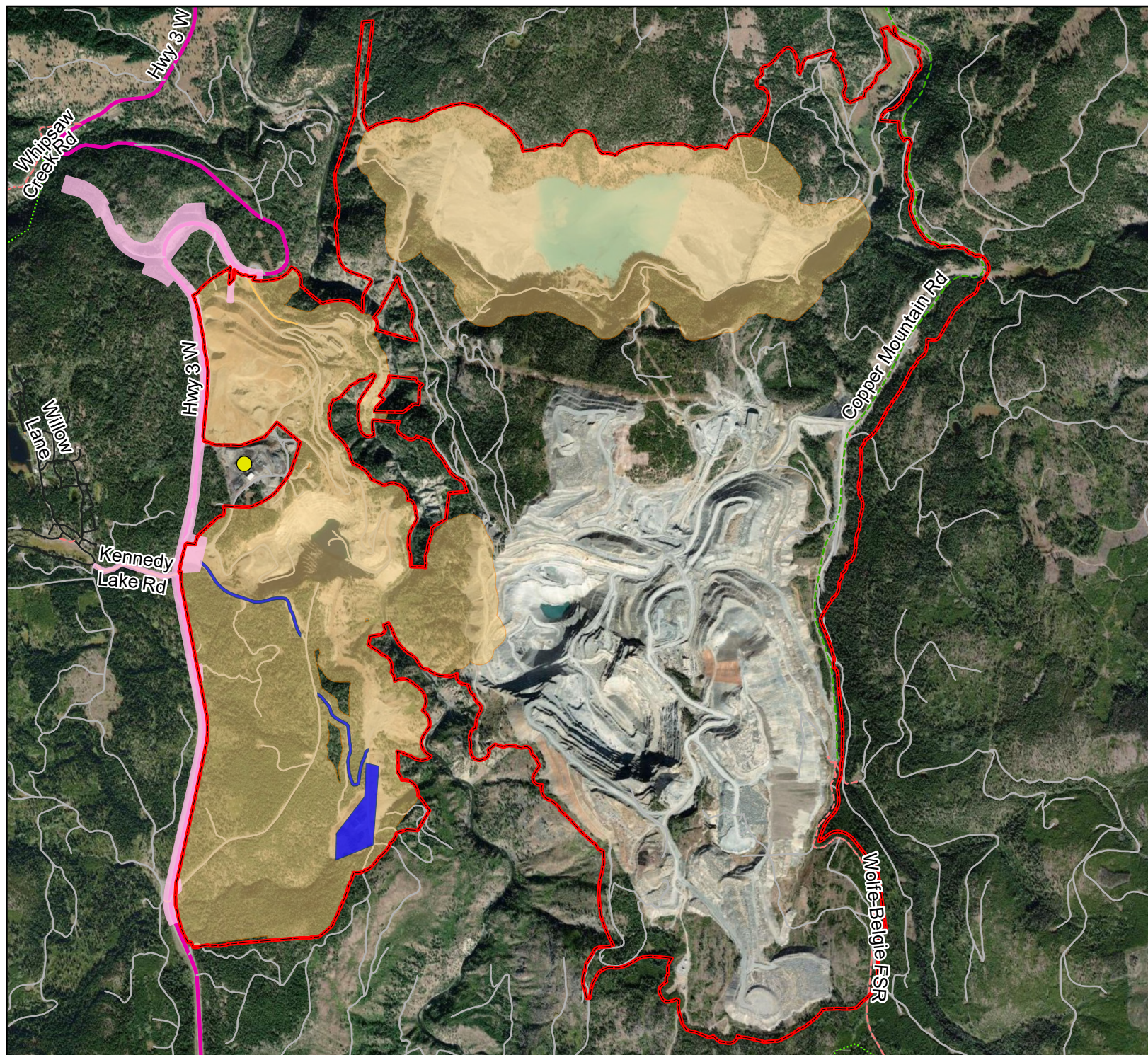
Figure 1 – Permitted Mine Area

Copper Mountain M-29

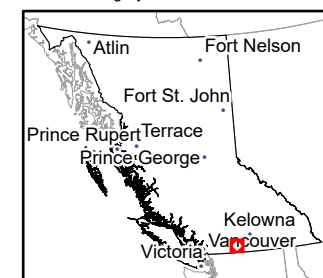
Figure 1: Permitted Mine Area

Permit Amendment for
Application File:
2024 01 19 NI Expansion

- Permitted Mine Area 2,799.3 ha
 - Amendment Area
 - Highway 3 (Survey Plan)
 - Arrow Facility and Access Road
 - ETL Work Area
- Road Classification**
- Highway
 - Ramp
 - Service
 - Local Road
 - Strata Road
 - Lane
 - Recreation
 - Resource
 - Trail
 - Unknown



Imagery Date: 2020/09/28



0 0.35 0.7 1.05
Kilometers

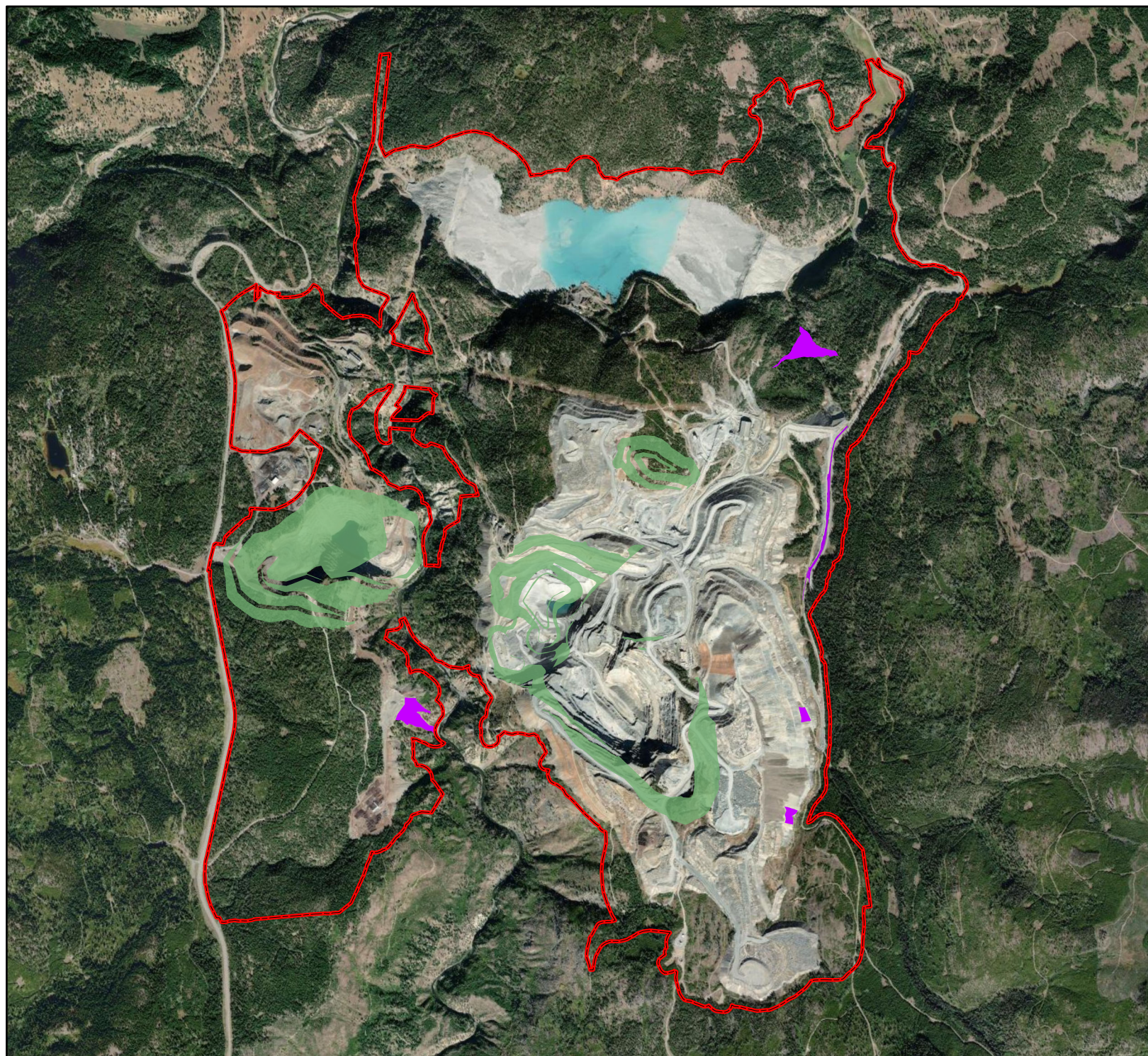
Base Data:
BC Geographic Warehouse & ESRI Imagery
NAD 1983 BC Environment Albers
Date: 2026-01-15 12:11 PM
Prepared By: Ministry of Mining and
Critical Minerals

Figure 2 – Areas Exempt from Reclamation

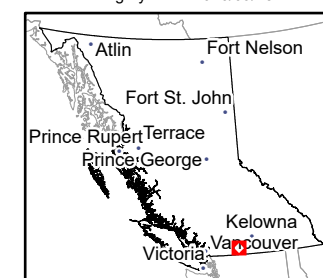
Copper Mountain M-29

Figure 2:
Areas Exempt from Reclamation

Permitted Mine Area	
 Permitted Mine Area	2,799.3 ha
Reclamation Exemptions	
 Exempt from Vegetation Requirements	97.1 ha
 Exempt from Reclamation	6.3 ha



Imagery Date: 2020/09/28



0 0.35 0.7 1.05
Kilometers

Base Data:
BC Geographic Warehouse & ESRI Imagery
NAD 1983 BC Environment Albers
Date: 2026-01-14 7:44 AM
Prepared By: Ministry of Mining and
Critical Minerals



Appendix A – Applications and Documents List

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- 1. Approving Permit (Issued August 3, 1970) (OIC 2614)**
 - 1.1 Application prepared by Similkameen Mining Company Ltd., dated June 23, 1970.
- 2. Approving Permit (Issued November 17, 1980) (OIC 1845)**
 - 2.1 Application prepared by Newmont Mines Ltd., dated January 28, 1980.
- 3. Approving Security Amendment (Issued August 29, 1984)**
- 4. Approving Reclamation Program (Issued November 6, 1986)**
- 5. Approving Name Change (Issued December 13, 1988)**
 - 5.1 Application prepared by Similco Mines Ltd., dated August 16, 1988.
- 6. Approving D2 Waste Dump Construction (Issued July 24, 1989)**
 - 6.1 Application entitled, '*Report of Stability Proposed Waste Dump D2 Copper Mountain*', prepared by Golder Associates Ltd., dated May 17, 1989.
- 7. Approving D3 Waste Dump South Extension (Issued July 24, 1989)**
 - 7.1 Report entitled, '*Inspection and review of South Extension D3 Dump*', prepared by Golder Associates Ltd.
 - 7.2 Report entitled, '*Review of Stability proposed Waste Dump and Haul Road Copper Mountain*', prepared by Golder Associates Ltd.
- 8. Approving Smelter Lake tailings System and Cable Belt Check procedures (Issued March 1, 1990)**
- 9. Approving Copper Mountain Pit 3 Work System (Issued March 22, 1990)**
 - 9.1 Application entitled, '*Report to Similco Mines Ltd. on Slope Stability in Pit 3 Copper Mountain Operations*', prepared by Golder Associates Ltd.
- 10. Approving Smelter Lake Tailing Facility Dam Raise to 937.25m (Issued June 1, 1990)**
 - 10.1 Application entitled, '*Report to Similco Mines Ltd. Design Report Tailings Facility*', prepared by Klohn Leonoff Ltd.

11. Approving Virginia Pit Work Area (Issued May 17, 1991)

- 11.1 Application entitled, '*Virginia Waste Dump Design*', prepared by Similco Mines Ltd., dated April 10, 1991.
- 11.2 Report entitled, '*Design of Virginia Pit Haul Roads*', prepared by Similco Mines Ltd., dated January 17, 1991.
- 11.3 Drawing entitled, '*Virginia Pit Access and Dump Roads*', prepared by Similco Mines Ltd., dated April 11, 1991.
- 11.4 Report entitled, '*Slope Design Criteria for Proposed Virginia Pit*', prepared by Golder Associates Ltd., dated December 1990.

12. Approving Reclamation Program (Issued June 11, 1992)

- 12.1 Application entitled, '*Similco Mines Ltd. Annual Reclamation Report 1990*', prepared by Similco Mines Ltd., dated February 1991.

13. Approving In Pit Waste Dump Pit 3 (Issued September 8, 1992)

14. Approving Pit 1 In Pit Waste Dump (Issued December 8, 1992)

15. Approving Reclamation Program (revision of security condition) (Issued May 10, 1994)

16. Approving Ingerbelle Pit, 1995 - 1996 Phase 1 Mine Plan and Access Road (Issued June 16, 1995)

- 16.1 Application entitled, '*Ingerbelle Pit, 1995 - 1996 Phase 1 Mine Plan*', prepared by Similco Mines Ltd., dated February 1995.
- 16.2 Report entitled, '*601 Haul Road Stability Assessment*', prepared by Golder Associates Ltd., dated April 19, 1995.
- 16.3 Report entitled, '*Similco Ingerbelle Pit Work System Permit: 601 Access Road*', prepared by Similco Mines Ltd., dated April 25, 1995.

17. Approving Reduction in Security (Issued December 12, 2001)

- 17.1 Application entitled, '*Request for Release of Excess Reclamation Security in the Amount of \$250,000.00*', prepared by Similco Mines Ltd., dated November 16, 2001.

18. Approving Reduction in Security (Issued March 28, 2002)

- 18.1 Report entitled, '*Similco Mines Tailings Impoundment Closure review FINAL*', prepared by AMEC, dated February 14, 2002.
- 18.2 Report entitled, '*Similco Mines Tailings Impoundment Closure Review*', prepared by AMEC, dated March 14, 2002.

19. Approving Mill Foundation Construction (Issued September 22, 2009)

- 19.1 Application entitled, '*For Construction*' Mill Building Foundation Drawings', prepared by Hatch, dated September 4, 2009.
- 19.2 Report entitled, '*Similco Mine Concentrator Building, Final Geotechnical Report*', prepared by AMEC, dated April 23, 2009.
- 19.3 Memorandum entitled, '*Site Visit on 8 September 2009*', prepared by AMEC.

20. Approving Mine Plan and Reclamation Program for Copper Mountain (Issued April 1, 2010)

- 20.1 Application entitled, '*Copper Mountain Porphyry Copper Gold Mine, Princeton BC, Application to Amend Mines Act Permit M-29*', prepared by SRK Consulting, dated March 2009.
- 20.2 Report entitled, '*Copper Mountain Porphyry Copper-Gold Mine, Princeton, BC, Application to Amend Mines Act Permit M-29, Response to Regulator Comments*', prepared by SRK Consulting and Hatch, dated July 2009.
- 20.3 Report entitled, '*Copper Mountain Porphyry Copper-Gold Mine, Princeton, BC, Application to Amend Mines Act Permit M-29, Response to Supplemental Review Comments*', prepared by SRK Consulting, dated November 2009.
- 20.4 Report entitled, '*Assessment of Fish Flows in Wolf Creek*', prepared by Klohn Crippen Berger, dated January 28, 2010.
- 20.5 Report entitled, '*Wolfe Creek Sulphate Adaptive Management Strategy*', prepared by SRK Consulting, dated January 2010.
- 20.6 Report entitled, '*Management Plan for Ecosystems and Species at Risk*', prepared by Wildeor Wildlife Research and Consulting, dated February 5, 2010.
- 20.7 Report entitled, '*Copper Mountain Metal Leaching and Acid Rock Drainage Prediction and Prevention Plan*', prepared by SRK Consulting, dated February 2010.
- 20.8 Map entitled, '*Final LGO Dump Limits, 1.5 Segregation Criteria*', prepared by Similco Mines Ltd., dated February 2010.
- 20.9 Map entitled, '*Proposed End of Life Mine Footprint, 1.5 Segregation Criteria*', prepared by Similco Mines Ltd., dated February 2010.

21. Approving East Dam Seepage Collection and Pump Return System (Issued July 7, 2010)

- 21.1 Application entitled, '*East Dam Seepage Collection and Pump Return System Assessment*', prepared by Similco Mines Ltd., dated April 30, 2010.

22. Approval to Operate TSF (Issued February 16, 2012)

23. Approving Dam Construction Schedule for 2012 (Issued March 22, 2012)

- 23.1 Application entitled, '*Response to MEM Request for Additional Geotechnical Information*', prepared by Similco Mines Ltd., dated April 18, 2012.

24. Approving Revision to Permit Condition for Soil Salvage (Issued July 3, 2012)

25. Approving Tunnel Plug Construction and Name Change (Issued November 8, 2012)

- 25.1 Application entitled, '*Copper Mountain Mine Reactivation, Tailings Plug Design Report*', prepared by Copper Mountain Mine (BC) Ltd., dated August 2012.

26. Approving Ultimate Dam Design and Construction (Issued April 16, 2013)

- 26.1 Application entitled, '*TMF Final Design Report*', prepared by AMEC, dated May 31, 2011.
26.2 Report entitled, '*Copper Mountain Mine Tailings Management Facility 2012 Site Investigation and Instrument Installations*', prepared by AMEC, dated March 8, 2013.

27. Approving Reclassification of NE PAG WRSA as Non-PAG Waste Rock (Issued November 18, 2013)

- 27.1 Application entitled, '*Copper Mountain Mine – Mines Act Permit M-29, Request for Reclassification of Materials in the Northeast PAG WRSA*', prepared by Copper Mountain Mine (BC) Ltd., dated September 25, 2013.
27.2 Report entitled, '*Recommendation for Re-classification of Northeast PAG Waste Rock Storage Area, Copper Mountain Mine*', prepared by SRK Consulting Inc., dated September 24, 2013.
27.3 Letter entitled, '*Additional Information Requested for CMML's Request for Reclassification of Materials in the Northeast PAG WRSA*', prepared by Copper Mountain Mine (BC) Ltd., dated October 18, 2013.

28. Approving Virginia and Oriole Pit, WRSA, and West Dam Rock Quarry (Issued July 7, 2015)

- 28.1 Application entitled, '*Application to Amend Mines Act Permit M-29, 2014 Mine Plan Update*', prepared by Copper Mountain Mine (BC) Ltd., dated July 22, 2014.
28.2 Report entitled, '*Metal Leaching and Acid Rock Drainage Potential Evaluation of Zone 5 Rock*', prepared by SRK Consulting Inc., dated April 2015.
28.3 Report entitled, '*Slope Stability Review of the Proposed LOM Waste Rock Storage Area*', prepared by Golder Associates Ltd., dated October 17, 2014.
28.4 Memorandum entitled, '*Copper Mountain Mine Application to Amend Mines Act Permit M-29 – Response to Review Comments*', prepared by Copper Mountain Mine (BC) Ltd., dated May 21, 2015.
28.5 Email entitled, '*RE: CMML - Draft Permit Conditions for Review*', prepared by Copper Mountain Mine (BC) Ltd., dated June 10, 2015.

29. Approving Changes to Classification and Management of Rock Materials (Issued January 31, 2017)

- 29.1 Application entitled, '*Copper Mountain Mine, Application to Amend Mines Act Permit M-29, Changes to Classification and Management of Rock Materials*', prepared by SRK Consulting (Canada) Inc., dated January 2016.
29.2 Memorandum entitled, '*Response to Review Comments: Mines Act M-29 Permit Amendment - Request for Changes to Classification and Management of Rock Materials – Copper Mountain Mine – Draft*', prepared by SRK Consulting Inc., dated June 27, 2016.

- 29.3 Report entitled, '*Metal Leaching and Acid Rock Drainage Prediction and Prevention Plan*', prepared by SRK Consulting Inc., dated July 2016.
- 30. Approving Wolfe Creek Realignment, LGO Stockpile Extension, and Alabama Pit (Issued July 23, 2019)**
- 30.1 Application entitled, '*Mines Act Permit M-29, 2016 Mine Plan and Reclamation Plan Update*', prepared by Copper Mountain Mine (BC) Ltd., dated January 31, 2017.
- 30.2 Report entitled, '*Copper Mountain Wolfe Creek Re-alignment – Issued for Construction Drawings – Summary of Updates to Feasibility Design*', prepared by Klohn Crippen Bergen, dated April 23, 2018.
- 30.3 Report entitled, '*Wolfe Creek Realignment Construction Environmental Management Plan*', prepared by Associated Environmental and Hatfield Consultants, dated May 2018 (Version 3), 2019 (Version 4).
- 30.4 Report entitled, '*Copper Mountain Mine Fugitive Dust Management Plan*', prepared by Copper Mountain Mine (BC) Ltd., dated June 2017 Version 3.
- 30.5 Report entitled, '*Copper Mountain Mine Metal Leaching and Acid Rock Drainage Prediction and Prevention Plan*', prepared by SRK Consulting Inc., dated May 2019.
- 31. Approving Wolfe Creek Realignment Support Landform Attenuation Berm (Issued March 3, 2021)**
- 31.1 Application entitled, '*WCRSL Attenuation Berm*', prepared by Copper Mountain Mine (BC) Ltd., dated January 6, 2021.
- 31.2 Report entitled, '*Waste Rock Storage Area Collection System Extension – Phase 1: Ditch Outfall Channel and Attenuation Berm Detailed Design*', prepared by Klohn Crippen Bergen, dated July 16, 2020.
- 31.3 Report entitled, '*Waste Rock Storage Area Collection System Extension – Phase 1: Ditch Outfall Channel and Attenuation Berm Detailed Design – Addendum 1 – WCRSL Attenuation Berm Supplemental Information*', prepared by Klohn Crippen Bergen, dated December 22, 2020.
- 31.4 Report entitled, '*Waste Rock Storage Area Collection System Extension Geotechnical Review*', prepared by Golder, dated January 5, 2021.
- 31.5 Report entitled, '*WCRSL Attenuation Berm Response to EMLI Information Requirement dated February 3, 2021*', prepared by Klohn Crippen Bergen, dated February 4, 2021.
- 32. Approving the Addendum to the Copper Mountain Mine ML/ARD Prediction and Prevention Plan (Issued April 8, 2022)**
- 32.1 Application entitled, '*M-29 – Request of Approval – North Pit (Alabama Pit) ML/ARD Management Plan*', prepared by Copper Mountain Mine (BC) Ltd., dated December 10, 2021.
- 32.2 Report entitled, '*North Pit (Alabama Deposit) Metal Leaching and Acid Rock Drainage Potential Assessment*', prepared by SRK Consulting, dated January 27, 2022.
- 32.3 Report entitled, '*Response to Address ML/ARD PPP Addendum Approval Conditions*', prepared by SRK Consulting, dated August 26, 2022.

33. Approving Increase in Reclamation Security (Issued December 20, 2023)

- 33.1 Application entitled, '*Application to Revise Conditions of the M-29 Mines Act Permit*', prepared by Ministry of Energy, Mines and Low Carbon Innovation, dated December 20, 2023.

34. Approving New Ingerbelle Mine Expansion (Issued February 19, 2026)

- 34.1 Application entitled, '*New Ingerbelle Open Pit Push-Back and Mine Life Extension – Joint Application for Mines Act and Environmental Management Act Permit Amendments*', prepared by Hudbay Minerals Inc., dated May 2025.
- 34.2 Memorandum entitled, '*New Ingerbelle Open Pit Push-Back and Mine Life Extension Project Joint Application, New Ingerbelle Pit and NERSA Geotechnical Assessments and Design, Responses to Round 1 Comment IDs MCM51, MCM57, MCM81, MCM82 and MCM84*', prepared by WSP Canada Inc., dated September 2, 2025.
- 34.3 Memorandum entitled, '*Technical Memo 18-2: New Ingerbelle Open Pit Push-Back and Mine Life Extension Project Joint Application, Tailings Management Facility and Associated Infrastructure, Responses to Round 2 Comment IDs: MCM72 and MCM73*', prepared by Klohn Crippen Bergen, dated August 27, 2025.
- 34.4 Memorandum entitled, '*Copper Mountain Mine – Pit 2 In-Pit NERSA Upper lifts Geotechnical Assessment*', prepared by WSP Canada Inc., dated March 25, 2025.
- 34.5 Memorandum entitled, '*New Ingerbelle Pit Conceptual Closure Design*', prepared by WSP Canada Inc., dated September 19, 2025.
- 34.6 Report entitled, '*Copper Mountain Mine Reclamation Research Program*', prepared by Associated Environmental, dated October 2024.
- 34.7 Memorandum entitled, '*Technical Memo 03: New Ingerbelle Open Pit Push-Back and Mine Life Extension Project Joint Application, Appendix D7B Reclamation and Closure Plan, Responses to Round 1 Comments IDS MCM22, MCM23, MCM32, MCM33, MCM34, MCM35, MCM36, MCM37, MCM38, MCM39, MCM40 and MCM44*', prepared by WSP Canada Inc., dated July 10, 2025.
- 34.8 Report entitled, '*New Ingerbelle Pit East Wall Seepage Monitoring and Mitigation Plan*', prepared by SRK Consulting (Canada) Inc., dated March 29, 2025.
- 34.9 Report entitled, '*New Ingerbelle Project – North Non-Economic Rock Storage Area Slope Design Update*', prepared by WSP Canada Inc., dated November 25, 2025.
- 34.10 Report entitled, '*Human Health and Ecological Risk Assessment*', prepared by Falkirk Environmental Consultants Ltd., dated December 29, 2025.