



## **GISTM Principle 15 – August 2025 Public Disclosure**

Cadillac Molybdenite TSF

5 August 2025

## **FACILITY LEVEL STATEMENT OF CONFORMANCE<sup>1</sup>**

The Cadillac Molybdenite Tailings Storage Facility is in Partial Conformance with the GISTM. Work is planned and ongoing to achieve Full Conformance by 2027, including community engagement and the development of a design to upgrade the Facility for the current and a higher consequence of failure classification including 'Extreme'.

### **PRINCIPLE 15**

**Publicly disclose and provide access to information about the tailings facility to support public accountability.**

#### **REQUIREMENT 15.1**

**A. For new tailings facilities for which the regulatory authorisation process has commenced, or that are otherwise approved by the Operator, the Operator shall publish and update, in accordance with Principle 21 of the UNGP, the following information:**

Requirement 15.1 A is not applicable as this is an existing facility. [OBJ]

**B. For each existing tailings facility and in accordance with Principle 21 of the UNGP, the Operator shall publish and update at least on an annual basis, the following information:**

**1. A description of the tailings facility (information may be obtained from the output of Requirements 5.5 and 6.4)**

The Cadillac Molybdenite Tailings Storage Facility (Facility) is a closed facility located near Preissac Lake in Abitibi, Quebec owned by Lac Properties Inc, a subsidiary of Barrick Mining Corporation. The tailings occupy a surface area of 17 ha and are contained by a side embankment that varies in height up to 23m which was constructed from tailings using the upstream method. The Facility operated from 1965 to 1970 and contains approximately 900 000 m<sup>3</sup> of tailings.

In 1996 as part of the Facility closure the tailings surface was recontoured, the spillways configuration was modified, and the tailings surface was vegetated. The closure landform prevents water from being impounded. Surface run-off is directed via ditches to one of four

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<sup>1</sup> **Facility-Level Conformance Definitions:**

- **Full Conformance:** All applicable requirements are met in full; or, all applicable requirements are met but the facility requires remedial works to conform to specific requirements (e.g. 4.7 or 5.7), for which basic engineering is complete, budgeted, and a construction schedule has been developed and approved by the Accountable Executive to complete remedial works as soon as reasonably practicable.
- **Partial Conformance:** Some requirements are fully met, others are partially met or not met.
- **Non-Conformance:** No applicable requirements are either partially or fully met.

spillways (flow-through system). Two passive water treatment stations are located downstream of the Facility to treat seepage.

## 2. The Consequence Classification (Requirement 4.1)

### Facility Consequence Classification

| Current Classification | Classification used for Design |
|------------------------|--------------------------------|
| High (GISTM 2020)      | To be determined               |

## 3. A summary of risk assessment findings relevant to the tailings facility (Information may be obtained from the output of Requirement 10.1)

### Summary of risk assessment findings

| Reference            | Risk driver PFM <sup>2</sup>                                                                       | Existing controls | Additional Controls to Meet ALARP                                                                                                                                                           |
|----------------------|----------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025 RA <sup>3</sup> | Ongoing creep of the clay foundation triggers static liquefaction of tailings                      | None              | Mitigation options trade-off study is ongoing. The options being evaluated among others include the construction of a draping buttress, tailings facility reprofiling, and soil improvement |
|                      | Seismic event leads to liquefaction of the embankment / impounded tailings / silty sand foundation | None              |                                                                                                                                                                                             |
|                      | Slope instability through the embankment clay foundation caused by seismic event                   | None              |                                                                                                                                                                                             |

## 4. A summary of impact assessments and of human exposure and vulnerability to tailings facility credible flow failure scenarios (Information may be obtained from the output of Requirements 2.4 and 3.3)

A dam breach and inundation study was completed in 2025 for the credible failure scenarios identified during the 2025 risk assessment.

Impact assessment and human exposure were evaluated for the highly unlikely event of credible failure modes leading to a catastrophic breach of the Cadillac Molybdenite TSF. The table below provides a summary of the potential material impacts identified.

<sup>2</sup> Risk Driver Potential Failure Mode (PFM) are derived from ongoing TSF Risk Assessment work. The listed PFMs are the ones that contribute the most to the total risk;

<sup>3</sup> RA: Risk Assessment

### Summary of Potentially Material Impacts

| Aspect      | Impact Description                                                                                                                               | Mitigation Measure(s)                                                                        |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Community   | One residence downstream of the facility<br>Short-term disruption to community users of Lac Preissac for recreational activities such as fishing | Implement Site Emergency Preparedness and Response Plan (EPRP)<br>Implement recovery measure |
| Environment | Short term loss of aquatic life in portions of the lake near the facility                                                                        |                                                                                              |

#### 5. A description of the design for all phases of the tailings facility lifecycle including the current and final height (Information may be obtained from the output of Requirement 5.5)

The Cadillac Molybdenite Tailings Facility is a closed unlined hill side facility consisting of a continuous embankment. A rockfill starter berm was initially constructed and the embankment was raised with tailings using the upstream construction method. The embankment has a maximum height of 23 m. The table below summarizes the stages of construction.

The foundation of the facility consists of silty sand and silty clay overlying till.

Four spillways are excavated in the embankment tailings and have erosion protection layers in them. They are designed to convey the probable maximum flood (PMF).

An Engineer of Record (EoR) was appointed for the Facility. The design of the facility has been assessed by the EoR and indicates that the facility does not meet the design criteria for seismic loading and has brittle failure mode. Work is ongoing to determine if it is viable to upgrade the Facility and to determine which mitigation measure could be implemented to reduce the risk to As Low As Reasonably Practical (ALARP).

#### Cadillac Molybdenite Tailings Facility Construction

| Structure                                 | Date      | Current Height (m) |
|-------------------------------------------|-----------|--------------------|
| Embankment Construction (Upstream Method) | 1965-1970 | up to 23m          |

#### 6. A summary of material<sup>4</sup> findings of annual performance reviews and dam safety review (DSR), including implementation of mitigation measures to reduce risk to ALARP (Information may be obtained from output of Requirements 10.4 and 10.5)

| Reference | Material Findings Summary | Mitigation Measures to Meet ALARP |
|-----------|---------------------------|-----------------------------------|
| 2024 DSI  | No material findings      | None                              |
| 2025 DSR  | No material findings      | None                              |

<sup>4</sup> Material findings are findings that have a high probability of becoming or actual dam safety issues that require immediate attention and are considered immediately dangerous to life, health or the environment, a significant regulatory enforcement.

**7. A summary of material<sup>5</sup> findings of the environmental and social monitoring programme including implementation of mitigation measures (Requirement 7.5)**

There are no material incidents or findings from the environmental and social monitoring program.

**8. A summary version of the tailings facility EPRP for facilities that have a credible failure mode(s) that could lead to a flow failure event that:**

- Is informed by credible flow failure scenarios from the tailings facility breach analysis;
- Includes emergency response measures that apply to project affected people as identified through the tailings facility breach analysis and involve cooperation with public sector agencies; and
- Excludes details of emergency preparedness measures that apply to the Operator's assets, or confidential information (Requirements 13.1 and 13.2).

The Cadillac Molybdenite Tailings Storage Facility Emergency Preparedness and Response Plan (EPRP) provides a predetermined response to be implemented in close coordination with emergency responders in the unlikely case of a tailings facility emergency. It defines the roles and responsibilities, prioritizing the saving of lives, reducing damage to property, and minimizing impacts to the environment. The EPRP contains procedures and information to assist in assessing the situation, provide early warnings and identifies critical areas in the event of an emergency.

**Incident Response Plan**

- Step 1 : Incident Detection, Assessment, and Emergency Level Determination
  - When an unusual or emergency condition is detected by site personnel, contractors, government representatives, or members of the community, Barrick is responsible for classifying the event into one of the following categories (non-failure, potential failure, imminent failure)
- Step 2 : Notification and communication
  - Based on the assessment, advise the appropriate stakeholders according to the flowchart and contact list included within the EPRP
  - Notify emergency services, describe the situations and request assistance
  - Initiate other contacts as per the Imminent Failure Emergency Notification Chart
- Step 3 : Expected Emergency Actions

<sup>5</sup> An incident is considered material if it:

a) Causes significant negative impact on human health or the environment;  
b) Extends onto publicly accessible land and has the potential to cause significant adverse impact to surrounding communities, livestock or wildlife;  
c) Results in a breach of license conditions, the convention between the mine and government, or a violation of environmental regulations and standards or constitute releases above Reportable Quantities (RQs) any of which is immediately reportable to the government by law or other statute; or  
d) Results in a release of cyanide (above 0.5 mg/l of WAD cyanide, confirmed by a certified third-party laboratory as above detection limit) to any surface water that leaves the site boundaries or any groundwater aquifer (whether on or off-site).

- Upon confirmation of an imminent or in-progress breach, Barrick will activate the Incident Command System and designate a qualified incident Commander, to establish a Command Post. The initial Incident Commander will likely be a Barrick representative and then transition to a local responder responsible for emergency response outside of Barrick property.
- Secure the site and ensure personnel follow safe procedures. Remove individuals in immediate danger to safety
- Barrick shall maintain continuous communication with emergency services and provide real-time updates to assist in making timely decisions concerning warning and evacuations
- Emergency services shall alert the public and conduct evacuations and road closures as necessary
- Step 4 : Termination and Follow-Up
  - The Incident Commander is responsible for terminating Emergency operations and informing Barrick and local responders
  - It is then the responsibility of each person to notify the same group of contacts that they notified during the original event notification process that the event has been terminated
  - A follow-up inspection and evaluation report shall be completed

**9. Dates of most recent and next independent reviews (Requirement 10.5)****Dates of Independent Reviews**

|                         | <b>Latest Review</b> | <b>Previous Review</b> |
|-------------------------|----------------------|------------------------|
| Independent Review (IR) | June 2025            | 1999                   |
| Dam Safety Review (DSR) | March 2025           | None                   |

**10. Annual confirmation that the Operator has adequate financial capacity (including insurance to the extent commercially reasonable) to cover estimated costs of planned closure, early closure, reclamation, and post-closure of the tailings facility and its appurtenant structures (Requirement 10.7)**

Barrick has sufficient financial resources to meet its business requirements for the foreseeable future, including capital expenditures, working capital requirements, interest payments, environmental rehabilitation, securities buyback and dividends.

For additional information refer to Barrick Annual Report 'Financial Position and Liquidity' (page 97) and 'Contractual Obligations and Commitments' table (page 99).

[Barrick Annual Report](#)

- C. Provide local authorities and emergency services with sufficient information derived from the breach analysis to enable effective disaster management planning (Information may be obtained from the output of Requirement 2.3).

**List of Documents Shared with Local Authorities and Emergency Services**

| Local Authorities or Emergency Services | Document                         |
|-----------------------------------------|----------------------------------|
| Preissac Emergency Services             | Cadillac Molybdenite EPRP (2025) |

## REQUIREMENT 15.2

**Respond in a systematic and timely manner to requests from interested and affected *stakeholders* for additional information *material* to the public safety and integrity of a *tailings facility*. When the request for information is denied, provide an explanation to the requesting *stakeholder*.**

Barrick is committed to the timely response to requests for additional information material to the public safety and integrity of their TSFs from interested and affected stakeholders. In the event that specific information cannot be shared with the requesting stakeholder, an explanation will be provided. Information on Barrick's Tailings Management policy and our Social Performance Policy can be found at the following links:

[Tailings Management Policy](#)

[Social Performance Policy](#)

## REQUIREMENT 15.3

**Commit to cooperate in credible global transparency initiatives to create standardised, independent, industry-wide and publicly accessible databases, inventories or other information repositories about the safety and integrity of *tailings facilities*.**

Barrick is committed to global transparency around the public safety and integrity of our TSFs. A link to Barrick's Tailings Management Policy can be found here.

[Tailings Management Policy](#)

**CAUTIONARY STATEMENT ON FORWARD-LOOKING INFORMATION**

Certain information contained in Barrick's Global Industry Standard on Tailings Management ("GISTM") tailings disclosure ("GISTM Disclosure"), including any information as to the design and operation of Barrick's tailings facilities and Barrick's sustainability strategy and vision, projects, plans or future technical, or operating performance constitutes "forward-looking statements". All statements, other than statements of historical fact, are forward-looking statements. The words "target", "plan", "project", "develop", "estimate", "potential", "may", "will", "likely", "unlikely", "can", "could", "would" and similar expressions identify forward-looking statements. In particular, this GISTM Disclosure contains forward-looking statements including, without limitation, with respect to: the results of Barrick's annual performance and dam safety reviews and related mitigation measures for the Cadillac Molybdenite Tailings Storage Facility ("Cadillac Molybdenite TSF"); the results of Barrick's tailings facility breach analysis and inundation studies including human exposure and vulnerability to flow failure scenarios, disaster management planning and emergency preparedness; and estimated costs associated with Cadillac Molybdenite TSF.

Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the company as at the date of this Response in light of management's experience and perception of current conditions and expected developments, are inherently subject to significant business, economic and competitive uncertainties and contingencies. Known and unknown factors could cause actual results to differ materially from those projected in the forward-looking statements and undue reliance should not be placed on such statements and information. Such factors include, but are not limited to: operating or technical difficulties in connection with mining or development activities, including geotechnical challenges, tailings dam and storage facilities failures, including closed storage facility failures; physical and transition risks related to climate change, including extreme weather events and resource shortages; risk of loss due to acts of war, terrorism, sabotage and civil disturbances; changes in national and local government legislation, taxation, controls or regulations and/or changes in the administration of laws, policies and practice; political or economic development in Quebec, Canada, or other provinces and countries in which Barrick does or may carry on business in the future; timing of receipt of, or failure to comply with, necessary permits and approvals; our ability to maintain relationships with public sector agencies and the communities surrounding the Cadillac Molybdenite TSF; contests over access to water, power and other required infrastructure; and disruptions in the maintenance or provision of required infrastructure and information technology systems. In addition, there are risks and hazards associated with the business of mineral exploration, development, and mining, including environmental hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins and flooding. Many of these uncertainties and contingencies can affect our actual results and could cause actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, Barrick. Readers are cautioned that forward-looking statements are not guarantees of future performance.

All of the forward-looking statements made in this GISTM Disclosure are qualified by these cautionary statements. Specific reference is made to the most recent Form 40-F/Annual Information Form on file with the SEC and Canadian provincial securities regulatory authorities for a discussion of some of the factors underlying forward-looking statements and the risks that may affect Barrick's ability to achieve the expectations set forth in the forward-looking statements contained in this Response.

Barrick disclaims any intention or obligation to update or revise any forward-looking statements whether as a result of new information, future events or otherwise, except as required by applicable law.