



Towards Sustainable Mining
Vers le développement minier durable

TSM Verification Summary Report

Facility Information

Name of company	Yamana Gold
Name of facility	Minera Florida
Address	Camino el Asiento s/n Alhue, Region Metropolitana Chile 47.000-000
Country of operation	Chile
Products/metals produced on site	Gold
Types of operations included in scope:	
Mining	<input checked="" type="checkbox"/>
Concentrate blending	<input type="checkbox"/>
Smelting	<input type="checkbox"/>
Refining	<input type="checkbox"/>
Other (<i>please explain</i>)	
Types of infrastructure included in scope:	
Roads	<input type="checkbox"/>
Rails	<input type="checkbox"/>
Ports	<input type="checkbox"/>
Other (<i>please explain</i>)	



Verifier and Verification Information

Verification firms	Borealis Environmental Consulting Inc., RDZ Consulting, Cedar Water Strategy
Confirmation that all verifiers involved in the verification are accredited TSM verifiers	(Yes or No) Yes (see https://mining.ca/wp-content/uploads/dlm_uploads/2021/07/2021-July-VSP-Contact-List.pdf)
Date(s) of verification activities (dd/mm/yyyy – dd/mm/yyyy)	15/09/2022 - 16/01/2023
Verification period	2019-2022
Summary of the verification methodology	<p>Original scope and conduct of the verification was as follows:</p> <ol style="list-style-type: none"> 1) kick-off meeting to initiate the verification and develop consensus regarding the process, communication and deliverables (<i>corporate staff and verifiers</i>); 2) initial review of the company's self-assessment scores, and the basis for these scores (use of company-completed evaluation spreadsheets, which include: self-assessed score; rationale for score; and, links to documentary evidence on a shared drive) (<i>verifiers</i>); 3) protocol-specific desktop reviews and evaluations of documentary evidence (against protocols) provided by corporate and site staff (<i>verifiers</i>); 4) virtual interviews (protocol-specific) with corporate and site staff, as appropriate, conducted to follow up on, and clarify, aspects of the review of documentary evidence (<i>verifiers</i>); 5) Community of Interest (COI) interviews conducted to determine alignment between stakeholders and site/company (<i>verifiers</i>); 6) following the interviews with corporate and site staff, outstanding documentary evidence provided to verifiers (<i>company staff, both corporate and site</i>); 7) comprehensive evaluation of all protocol-specific documentation reviewed against TSM protocol elements to determine scores (<i>verifiers</i>); 8) scores provided to the company to ensure accuracy of the basis of the evaluation (<i>verifiers</i>); and, 9) assemble findings, prepare draft report (including review by the company), and submission of final verification results to the company and the Mining Association of Canada (MAC) (<i>verifiers</i>). <p>NOTE: Tailings Management Protocol out of scope for this team of verifiers.</p>



Summary of the verification activities	<p>Verification activities were modified, as follows:</p> <p>There were several (up to three, depending on protocol) iterations of items 4, 6, 7 and 8 – listed above - to help clarify documentary evidence (or lack thereof), in particular, for those protocol elements for which verifier scores did not align with company scores.</p>
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Summary of Findings

Criterion Protocol/Indicator	Rating <i>C, B, A, AA or AAA (unless otherwise indicated)</i>	Gap to next level above and Comments
Indigenous and Community Relationships		
1. Community of Interest (COI) Identification	A	Lack of evidence that COIs are invited to provide input into how the facility identifies COI.
2. Effective COI Engagement and Dialogue	AA	Lack of Community of Interest concordance with AAA requirements.
3. Effective Indigenous Engagement and Dialogue	N/A	It was confirmed through government documentation that there are no impacted or interested Indigenous communities in the vicinity of Minera Florida.
4. Community Impact and Benefit Management	A	No evidence provided for AA requirements.
5. COI Response Mechanism	A	No evidence provided for AA requirements.

Safety and Health		
1. Commitments and Accountability	AA	External (third-party) audit that covers all criteria in the protocol and provides a verified rating for each indicator in the protocol.
2. Planning and Implementation	AA	Similar to Indicator 1.
3. Training, Behaviour and Culture	AA	Definition of a lead performance indicator for Visible Managerial Leadership, including, tracking and following up on governance meetings.
4. Monitoring and Reporting	AA	Similar to Indicator 1.



5. Performance	A	Benchmarking evaluation related to site safety and health performance against peers.
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Crisis Management and Communications Planning (Indicate YES or NO)

1. Crisis Management and Communications Preparedness	Yes	[Recommendation: ensure that there are telephone log sheets available]
2. Review	Yes	Evidence for a mechanism to notify the crisis management team at least twice per year.
3. Training	Yes	Evidence for a “table-top” crisis simulation.

Preventing of Child and Forced Labour (Indicate YES or NO)

1. Preventing Forced Labour	Yes	
2. Preventing Child Labour	Yes	

Energy and GHG Management

1. Energy use and Greenhouse Gas Emissions Management Systems	B	Documentation for General Energy and GHG awareness training (scheduled for Q1 2023) to personnel and key positions.
2. Energy use and Greenhouse Gas Emissions Reporting Systems	B	Evidence for implementation and application of recently-developed Energy and GHG Management procedure, including, reports on a pre-determined frequency to senior management in order to inform decision making.
3. Energy use and Greenhouse Gas Emissions Performance Targets	C	Evidence for the setting of Energy and GHG performance objectives and reduction targets at site level (based on corporate targets).

Biodiversity Conservation Management

1. Corporate biodiversity conservation commitment, accountability, and communications	A	Evidence that the biodiversity conservation commitment and its implementation has been subject to independent verification/review (internal or external) within the last three (3) years.
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2. Biodiversity conservation planning and implementation	A	<p>Evidence of:</p> <ol style="list-style-type: none"> 1) demonstration that biodiversity conservation management is integrated into business planning processes and tools (i.e., integrated with annual business planning and budget processes). 2) independent verification/review conducted of the biodiversity conservation management system implementation (either internal or external), conducted within the last three (3) years. 3) the facility participating with COI or other organizations (local, regional or national) to support biodiversity conservation.
3. Biodiversity conservation reporting	A	Evidence that public reporting on facility's biodiversity conservation has been subject to independent verification/review (internal or external) within the last three (3) years.

Tailings Management		
1. Tailings management policy and commitment	N/A	This protocol verified under separate cover.
2. Tailings management system and emergency preparedness	N/A	This protocol verified under separate cover.
3. Assigned accountability and responsibility for tailings management	N/A	This protocol verified under separate cover.
4. Annual tailings management review	N/A	This protocol verified under separate cover.
5. Operation, maintenance, and surveillance	N/A	This protocol verified under separate cover.

Water Stewardship		
1. Water Governance	A	Documentation for assessment of site watershed risks and opportunities and integrating mitigation actions into annual



		business planning and/or budgeting processes.
2. Operational Water Management	A	Evidence for identification of opportunities to improve water performance and implementation, as planned, and monitored for effectiveness. [Recommendation: Consider Climate Change in water balance planning.]
3. Watershed-scale Planning	A	Evidence of engagement with relevant water-related COI to identify and prioritize water risks and opportunities in the watershed.
4. Water Reporting and Performance	A	Documentation of independent verification to evaluate the accuracy of public reporting on water.

Statement of Verification

Statement of Verification	
The external verification was conducted in accordance with the <i>Terms of Reference for Verifiers</i> and, accordingly, consisted primarily of interviews, data analysis, and examination (on a sample basis) of other evidence relevant to management's assertion of conformance to the requirements of the TSM performance indicators.	YES The external verification was conducted in accordance with the <i>TSM Verifier Terms of Reference</i> .
The scores indicated in this report are verified as being accurate based on the evidence reviewed during the external verification of this facility.	YES The scores in this report are considered accurate based on this verification.
Limitations	
Additional comments	
Name of lead verifiers	Guy Gilron, M.Sc., R.P.Bio., ICD.D (Borealis Environmental Consulting Inc.) Fernando Rodriguez, M.Sc.(RDZ Consulting Inc.) Amiel Blajchman, M.E.S., P.Ag. (Cedar Water Strategy)
Date of statement of verification	January 25, 2023



Signatures of lead verifiers

**BOREALIS ENVIRONMENTAL CONSULTING
INC.**

**Guy Gilron, M.Sc., R.P.Bio., ICD.D, Senior
Environmental Scientist/Principal**

RDZ CONSULTING INC

**Fernando Rodriguez, M.Sc.
Manager and Principal Consultant**

CEDAR WATER STRATEGY

**Amiel Blajchman, M.E.S., P.Ag.
President**