

## TSM Performance by Company

### Taseko Mines Limited



Taseko is a mining company focused on the operation and development of mines in North America. Headquartered in Vancouver, British Columbia, Taseko is the owner (75%) and operator of the Gibraltar Mine, the second largest copper-molybdenum mine in Canada. Taseko's Aley Niobium Project in northern BC, Harmony Gold Project on Graham Island on the west coast of BC, and New Prosperity Gold-Copper Project in central BC are all advanced-stage projects that provide the company with a diverse commodity pipeline.

In 2016, the US Environmental Protection Agency issued the final required permit to construct and operate the Phase 1 Test Facility at the Florence Copper Project in Arizona. The comprehensive test facility will serve to optimize the in-situ copper recovery process and demonstrate its environmental integrity and reliability.

Taseko is committed to continual improvement in the protection of human health and stewardship of the natural environment. To fulfill this commitment, the company adheres to corporate policies that guide the conduct of all employees in the areas of environment, safety, health, and Aboriginal relations. The Gibraltar Mine has an environmental policy and an associated environmental management system (EMS) in place to uphold a high standard in meeting TSM requirements.

During 2016, activities were effective in achieving a Level A or better for all TSM indicators.

The following details Taseko's 2016 TSM ratings and continual improvement programs.

#### ABORIGINAL AND COMMUNITY OUTREACH

Aboriginal and community outreach continued to be exceptional in 2016. Taseko retained Level AAA ratings for COI identification, effective COI engagement and dialogue, and COI response mechanisms.

The StakeTracker™ system continued to facilitate COI identification and record-keeping, and was particularly useful in tracking stakeholder feedback at COI meetings, which resulted in environmental monitoring programs being jointly developed and implemented on the Fraser River.

A COI feedback mechanism on public reporting, which was used during the year at COI meetings and in the company's public newsletter, helped Taseko retain a Level A for reporting. The company remains committed to continuous improvement through First Nation educational initiatives and contract procurement in the Cariboo-Chilcotin region.

### BIODIVERSITY CONSERVATION MANAGEMENT

Biological diversity conservation management is a key component of activity at the Gibraltar Mine. The mine conducts annual mine reclamation programs, site monitoring of wildlife use (which included the use of motion sensitive cameras in 2016), and extensive COI engagement. Engagement often centres on the use of country foods and the health of salmon, which inform biological diversity monitoring and water management plans, and indicate which native species should be included in planting programs,

Taseko's biological diversity conservation plan is integrated into existing programs implemented at the mine. It also captures new initiatives with First Nations and local environmental groups that support biological diversity conservation. Taseko was successful in establishing formal linkages between the plan and the advancement of reclamation towards achieving approved end land use objectives. The program includes actionable targets related to significant biodiversity aspects in Gibraltar's EMS. Initiatives in biological diversity are reported publicly in newsletters, newspaper articles and in an annual report sent directly to First Nations and the public library, and resulted in a Level A ranking across all indicators in the protocol.

### CRISIS MANAGEMENT AND COMMUNICATIONS PLANNING

All of the requirements of this TSM protocol were met at both the corporate office and the Gibraltar Mine. In 2016, the Florence Copper Project Crisis team was integrated into the corporate crisis management system.

### ENERGY USE AND GHG EMISSIONS MANAGEMENT

Gibraltar's energy use and GHG emissions management performance continued to be excellent in 2016 and met the annual performance target, saving 79,000 kilowatt hours by using more energy-efficient agitator technologies. Gibraltar has also met its energy targets for the last three years. All energy use and GHG emissions management indicators were assessed at a Level A, reflecting that Gibraltar has a formal management system in place, an energy management team with assigned roles and responsibilities, and a rigorous data management system that tracks energy use and emissions.

As well, Gibraltar instills energy awareness in all employees through mandatory computer-based training and provides additional training for key operators in energy-intensive areas. The mine also promotes an employee awareness campaign on idling to reduce diesel consumption. Taseko provides energy and GHG emissions data to various government GHG reporting programs, and details Gibraltar's annual energy targets and site efficiency programs on the company's website.

### SAFETY AND HEALTH

Safety and health have always been a high-level commitment for Taseko and the Gibraltar Mine, with the credo that: *Nothing is more important to the Company than the safety, health and well-being of our workers and their families.* In recognition of this commitment and the achievements resulting from it, Taseko has received the provincial John Ash Award for safety performance for the last three years from the BC Ministry of Energy and Mines. The award recognizes a BC mining operation that has achieved the lowest lost time accident frequency for at least one million worker hours.

In 2016, Taseko maintained the following results for these indicators: a Level AA for policy, commitment and accountability, and for safety performance; a Level AAA in training, behaviour and culture; and a Level A for planning, implementation and operation, and monitoring and reporting. Taseko's health and safety policy and lost time statistics for the previous three years are publicly available on Taseko's website.

### TAILINGS MANAGEMENT

Responsible tailings management is a key priority for the Gibraltar Mine and, in 2016, the facility retained a Level AA for all five indicators.



The results of an internal tailings audit conducted in 2013 remained valid for 2016. The facility's ratings for policy and commitment, management systems, accountability and responsibility, COI engagement processes, and the operation, maintenance and surveillance (OMS) manual stayed the same or were improved. All indicators and tailings performance were discussed and confirmed at the annual 2016 corporate tailings management review.

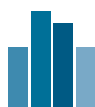
Taseko is committed to meeting the requirements of MAC's tailings guides, and has been fully engaged with the MAC *Tailings Working Group* to assist in incorporating the Independent *Tailings Task Force* recommendations into TSM.

Taseko's promise is to help realize collective potential and, consistent with that promise, promote public engagement. Comments or concerns can be emailed to [communityfeedback@tasekomines.com](mailto:communityfeedback@tasekomines.com).

🔗 For more information, please visit [www.tasekomines.com/our-commitment/environment](http://www.tasekomines.com/our-commitment/environment)



Workers entering Taseko's Gibraltar mine near Williams Lake, British Columbia.



2016 TSM Results

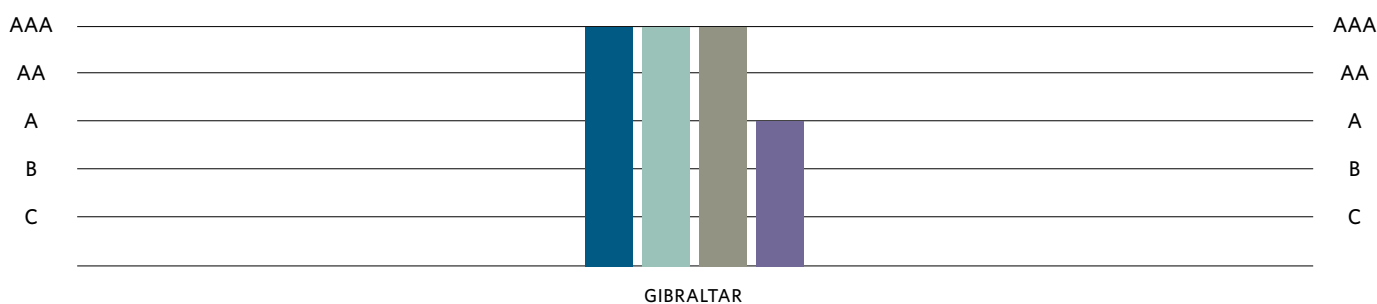
Taseko Mines Limited

Crisis Management and Communications Planning Assessment

FACILITY	PREPAREDNESS	REVIEW	TRAINING
GIBRALTAR	✓	✓	✓
TASEKO MINES LIMITED	✓	✓	✓

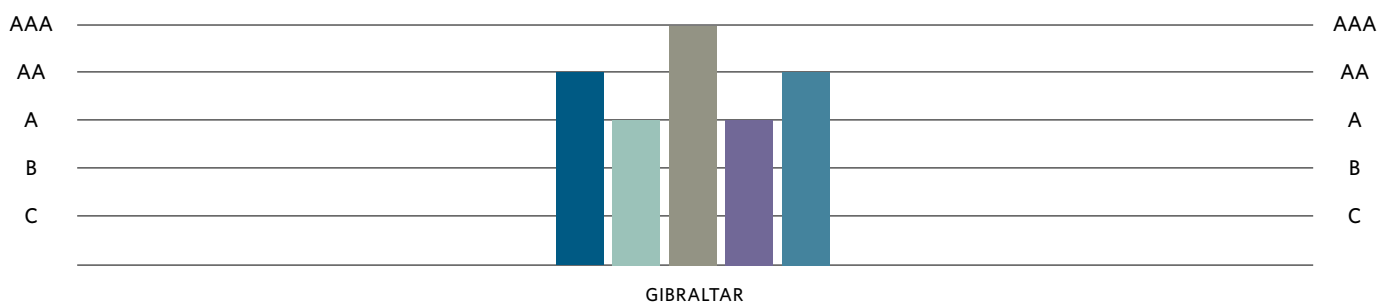
Aboriginal and Community Outreach Assessment

- COMMUNITY OF INTEREST (COI) IDENTIFICATION
- COI RESPONSE MECHANISM
- EFFECTIVE COI ENGAGEMENT AND DIALOGUE
- REPORTING



Safety and Health Assessment

- COMMITMENTS AND ACCOUNTABILITY
- PLANNING AND IMPLEMENTATION
- TRAINING, BEHAVIOUR AND CULTURE
- MONITORING AND REPORTING
- PERFORMANCE

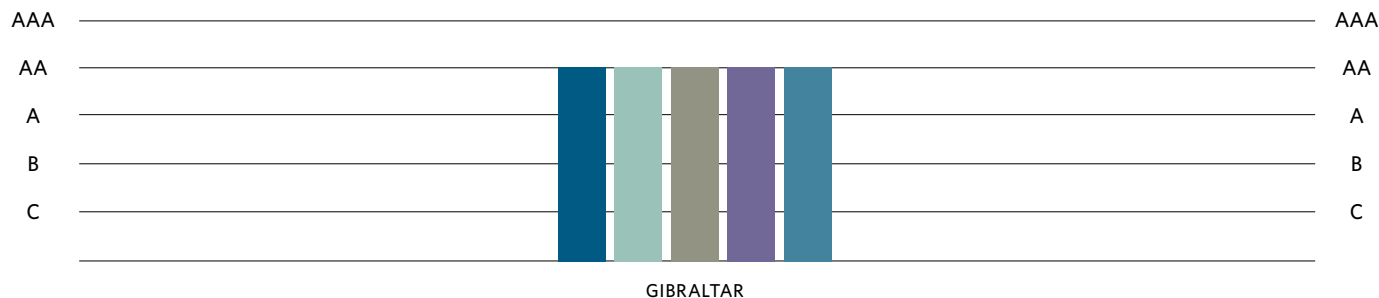


Self-assessed results; last external verification: 2014; next external verification: 2017.



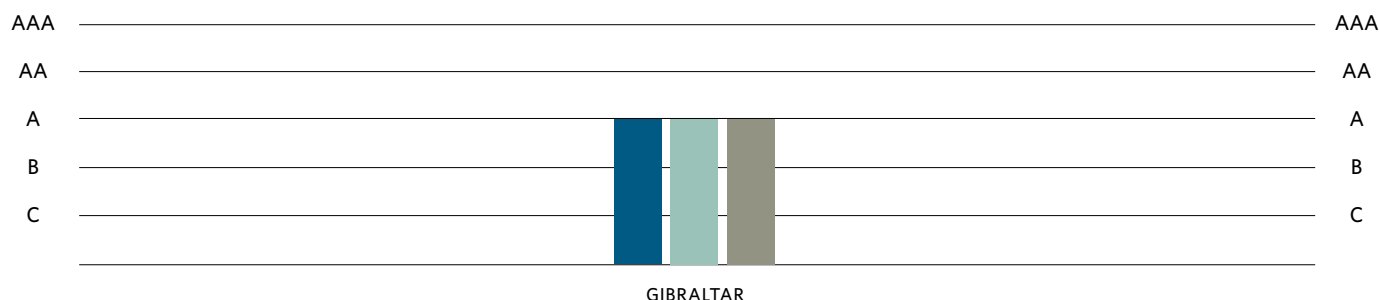
## Tailings Management Assessment

- TAILINGS MANAGEMENT POLICY AND COMMITMENT
- TAILINGS MANAGEMENT SYSTEM
- ASSIGNED ACCOUNTABILITY AND RESPONSIBILITY FOR TAILINGS MANAGEMENT
- ANNUAL TAILINGS MANAGEMENT REVIEW
- OPERATION, MAINTENANCE AND SURVEILLANCE (OMS) MANUAL



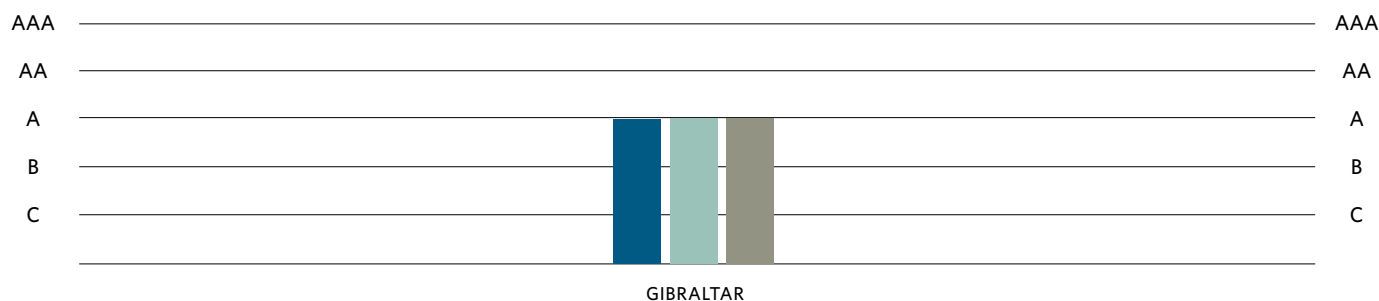
## Biodiversity Conservation Management Assessment

- CORPORATE BIODIVERSITY CONSERVATION POLICY, ACCOUNTABILITY AND COMMUNICATIONS
- FACILITY-LEVEL BIODIVERSITY CONSERVATION PLANNING AND IMPLEMENTATION
- BIODIVERSITY CONSERVATION REPORTING



## Energy Use and GHG Emissions Management Assessment

- ENERGY USE AND GHG EMISSIONS MANAGEMENT SYSTEMS
- ENERGY USE AND GHG EMISSIONS REPORTING SYSTEMS
- ENERGY AND GHG EMISSIONS PERFORMANCE TARGETS



Self-assessed results; last external verification: 2014; next external verification: 2017.

