



ANNUAL REPORT 2016

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**MINING ASSOCIATION
OF MANITOBA INC**

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MINING ASSOCIATION OF MANITOBA INC.

Executive Director's Message

2016 was a year of transition for our organization and our industry. Our staff and volunteer leadership rose to the challenge of operating most of the year with the Executive Director position vacant, successfully managing relationships with government, industry and Aboriginal communities while providing services to members and maintaining the image and reputation of mining.

After a challenging period in the sector, a newfound sense of optimism emerged by the end of 2016. Upon joining the organization in early 2017, I saw tremendous opportunities to increase visibility of our organization and sector, build public support and influence government and regulators to make decisions that will support the growth of mining in Manitoba.

In 2017, look for an increased MAMI profile through improved communications with members and the public, a greater web and social media presence and stronger relationships with public and private sector influencers and decision makers. As always, we will provide strong support for our Safety Committee and Mine Rescue Organization, ensuring that mining continues to lead in safety among industrial sectors.

Andrea McLandress
Executive Director
November 2017

Who we are

MAMI has been the voice of the Manitoba mining industry since 1940. We are governed by a Board of Directors who each represent firms with 40 or more employees in Manitoba.

What we do (ACE)

Advocate

Advocate for members' interests at all levels of government.

Support legislation, regulation and public policy that contribute to the growth of mining in Manitoba.

Ensure that your concerns and priorities are heard and understood by decision-makers and public opinion leaders.

Collaborate

Collaborate with like-minded private, public and non-profit organizations to advance common goals.

Build positive relationships with Aboriginal communities and promote best practices in business development within communities in proximity to mining projects.

Educate

Educate Manitobans about the mining industry contribution to the social and economic well-being of our province, municipalities and surrounding communities.

Share information about, and promote understanding of, a wide variety of issues pertaining to mining in Manitoba including Safety, Environment, Exploration, Taxation and Aboriginal Relations.

MEMBERSHIP

At the close of 2016, MAMI had 19 common and associate members. We expect significant growth in membership in 2017.

Mine Operators

Graymont Western Canada Inc.

Hudbay Minerals

Klondex Mines Ltd.

Tantalum Mining Corporation of Canada Limited

Vale Canada Ltd.

Associate Members

Alamos Gold Inc.

Alex MacIntyre & Associates Ltd.

Boart Longyear Canada

Callinex Mines Inc.

CanAlaska Uranium Ltd.

Cementation Canada

De Beers Canada Inc.

Dumas Contracting Ltd

Frontier Power Products Ltd.

J.S. Redpath Limited

Major Drilling Group International Drilling Inc.

Rockcliff Metals Corporation

Victaulic Company

Yamana Gold Inc.

LEADERSHIP

Board of Directors

Mark Scott, Vale, President

Richard Trudeau, Hudbay, Vice President

Kirk Regular, Vale, Director

Warren Brass, Vale, Director

Andre Lauzon, Hudbay, Director

Ian Cooper, Hudbay, Director

Rob Swanson, Klondex, Director

Sira Maldonado, Graymont, Director (since February 2017)

Wentzel Coetzer, TANCO, Director

Board Committees

Aboriginal Relations Committee

Exploration Committee

Environment Committee

Safety Committee

Taxation Committee

Staff

Tim Friesen, Executive Vice President (until March 2016)

Rena Campbell, Director of Communications & Safety

2016 HIGHLIGHTS

- ★ Welcomed new members Rockcliff Copper Corporation and Victaulic Company
- ★ Updated and added our membership application online
- ★ Board President Mark Scott was appointed to the Province of Manitoba's Look North task force <https://www.gov.mb.ca/looknorth/strategy/task-force.html#tf>
- ★ Updated the strategic plan, policy priorities document and tax survey
- ★ Unveiled our latest industry infographic showcasing our Manitoba operators
- ★ Published the *Aboriginal Engagement Handbook: A handbook for proponents of mineral exploration and mining in Manitoba*
- ★ Determined objectives and goals for the upcoming year for all committees
- ★ Developed Terms of References for all committees
- ★ Supported Vale as they represented the province at the International Mines Rescue Competition in Sudbury, Ontario <http://imrc2016.ca/>
- ★ Sponsored the 55th annual Provincial Mine Rescue Competition <https://www.mines.ca/manitoba-mine-rescue>
- ★ Collaborated and worked cooperatively with aligned organizations:
 - Manitoba Employer's Council
 - Safety Services Manitoba Occupational Health & Safety conference
 - Assembly of Manitoba Safety Professionals conference
 - Prospectors and Developers Association of Canada
 - Manitoba Council of Administrative Tribunals
 - Manitoba Minerals and Mining
 - JT Ryan Committee & Canadian Institute of Mining, Metallurgy and Petroleum
 - First Nation Mining Economic Development Corporation
- ★ Participated in meetings with elected and appointed municipal, provincial and elected officials in various departments:
 - Manitoba Growth, Enterprise & Trade
 - Manitoba Finance
 - Energy and Mines Ministers' conference (EMMC)
 - Mineral Resources Division
 - Safety Services Manitoba
 - Workers Compensation Board
 - Workplace Safety & Health
 - SAFE Work Manitoba COO
 - Mine Safety Unit
 - Manitoba Aboriginal Health and Safety Initiative

MANITOBA MINE RESCUE

2016 Mine Rescue Certificates & Awards

- ★ Participants qualifying for Basic Mine Rescue Certification – 22
- ★ Participants qualifying for Standard Mine Rescue Certification – 1
- ★ Participants qualifying for Advanced Mine Rescue Certification – 2
- ★ Personnel receiving High Angle Rope training – 43
- ★ Current active mine rescue personnel – 123
- ★ Current Level II technician certified – 32
- ★ Mine Rescue Service Awards:
 - 5 Years – 6 Recipients
 - 10 Years – 5 Recipients

2016 Manitoba Provincial Mine Rescue Competition results

Winner:	Vale – Manitoba Operations
Runner Up:	Hudbay Flin Flon
Fire-fighting Challenge winner:	Hudbay Snow Lake
Practical Skills Challenge winner:	Captain Greg Bellin, Tanco
Technician Competition winner:	Dave Green, Hudbay Flin Flon



2016 International Mine Rescue Competition (IMRC)

Vale Manitoba Operations represented the province this past August in the IMRC, considered the 'Olympics' of mine rescue. They were one of 27 teams around the world competing in different events including an underground scenario, firefighting, first aid and more.



STATISTICS SUMMARY

(3 year comparison)

↑ Average # of Employees

2014: 3,424

2015: 3,123

2016: 3,369

7.88% increase

↓ Exposure Hours

2014: 7,475,908

2015: 6,728,140

2016: 6,501,677

3.37% reduction

↑ Time loss injuries (LTA)

2014: 24

2015: 19

2016: 20

Increase

↑ Lost Time Frequency Rate

2014: 0.64

2015: 0.56

2016: 0.62

Increase

↓ Medical aid injuries

2014: 407

2015: 444

2016: 434

2.30% decrease

↓ Total number of injuries

2014: 431

2015: 463

2016: 454

1.94% decrease

↑ Total Injury Frequency rate

2014: 11.53

2015: 13.76

2016: 13.97

Increase

↑ Severity Rate

2014: 17.42

2015: 15.67

2016: 21.41

Increase

No fatalities occurred in 2016. One fatality has occurred in the last 15 years.

↑ Days of lost time

2014: 651

2015: 527

2016: 696

32.07% increase

**The days of lost time, or the severity factor is important because days of lost time are cost drivers whereby the frequency rate is basically an accounting of the number of accidents.

THE FUTURE

MAMI continues working on “SMART” goals in support of its Strategic Plan 2016-2019 and will continue its work on three objectives to help make Manitoba the most improved mining jurisdiction in Canada.

10% Mineral Tenure of the Manitoba land base

10% Exploration Spend (of national total);

10% GPP from Mining in Manitoba.