
EXPLORATION WORK

MASHA Resources

Information for any of the following MASHA products may be obtained by contacting Jean Chadbourn at jeanchadbourn@masha.on.ca, or (705)474-7233 ext. 279.

Exploration Safety: A Guide to a Safe & Healthy Workplace

Compiled by the membership of the Exploration Safety Group, this manual is a guideline member companies can use when further developing their corporate safety and health manuals.

Non-Members: \$159.00

Members: \$53.00

Safe Operating Practices for Off-Road Vehicles and Boats: A Handbook for The Mineral Exploration Supervisor

Every year, hundreds of Canadians are killed or injured in accidents involving snowmobiles, all-terrain vehicles, personal watercraft and boats. While the vast majority of these occur in a recreational setting, these accidents should offer a warning to professionals who use the same equipment to perform their daily work. This manual has been prepared as a guide for supervisors responsible for setting up and managing safety procedures and practices for vehicles of this class, or to be included in a company's workplace safety policies and procedures.

Non-Members: \$45.00

Members: \$15.00

Online Resources

- **Association of Professional Geoscientists of Ontario**

- Main Page
<http://www.apgo.net/>

“APGO governs the practice of professional geoscience in Ontario and reports to the Minister of Northern Development and Mines. The legislation protects the public and investors by establishing a regulated association of geoscientists with the power to admit only qualified persons, to encourage continuing professional competence, to discipline members for professional misconduct and to prevent unqualified individuals from practising.”

- **British Columbia & Yukon Chamber of Mines**

- Health and Safety
<http://www.bc-mining-house.com/healthsafety.htm>

Information located here includes a downloadable copy of *Mineral Exploration in Western Canada*, annual reports on mineral exploration safety, safety award winners, and related papers/presentations.

- **Canadian Drilling Association**

- Main Page
<http://www.canadiandrilling.com/>

“The Canadian Diamond Drilling Association supports Canadian drilling contractors and suppliers in the provision of high quality services and products to their clientele.”

- Publications

<http://www.canadiandrilling.com/publications.html>

Includes downloadable resources such as Canadian Diamond Drill Rating Chart, *Drillpress*, CDDA Bit Comparison Chart, Wire line Rod Chart, etc.

- Highlights

<http://www.canadiandrilling.com/high.html>

Includes news items such including award winners and innovations.

- **MineSafe**

- Main Page:

<http://minesafe.com/>

“MINESafe draws on the extensive OH&S knowledge, expertise and data of the ILO, CFMEU, ICEM, Queensland Department of Natural Resources and Mines, New South Wales Department of Mineral Resources, Coal Services Pty Ltd, and the National Occupational Health and Safety Commission as a part of its comprehensive approach to OH&S information distribution.”

- Mineral Exploration Safety Guidance Note

- News Release

http://minesafe.com/minesafe_news/110297393815809.html

- Complete Report

http://minesafe.com/data/minesafe_news/files/explsafe.pdf

“The mineral exploration safety guidance note [assists] explorers by providing a simple reference or check list of safety issues which should be considered when planning field work.”

- **Ontario Mineral Industry Cluster**

- Main Page

<http://www.omicc.ca/>

“The Ontario Mineral Industry Cluster (OMIC) is distinguished by its rich endowment of mineral resources; active exploration and development industries; seasoned production industries; globally-acting suppliers; top-ranked capital market; strong education and training networks; dynamic research and development supports; infrastructure of knowledge; committed communities; and, a supportive, stable political environment.”

- **Ontario Ministry of Northern Development and Mines**
 - Ontario Mining and Exploration Directory 2005 (Ontario Prospectors Association/MNDM)
<http://www.mndm.gov.on.ca/mndm/mines/ims/investment/publications/expdir/expdire.pdf>
 - Ontario Mining Exploration Facts 2005 (MNDM)
http://www.mndm.gov.on.ca/mndm/mines/ims/facts/bulletins/exploration_factse.pdf
 - Ontario Mining Product Facts 2005 (MNDM)
http://www.mndm.gov.on.ca/mndm/mines/ims/facts/bulletins/production_factse.pdf

- **Ontario Prospectors Association**
 - North of 51°: A Collection of Perspectives on Promoting Economic Development...and Realizing the Opportunities for the Creation of a Sustainable Mineral Industry in Northern Ontario (posted on the OPA's website)
<http://www.ontarioprospectors.com/pub/north51.pdf>
 - Publications
<http://www.ontarioprospectors.com/publications.htm>

Includes downloadable copies of the *Ontario Exploration Directory*, *The Explorationist*, and *Ontario Prospector*.

- **Porcupine Prospectors and Developers Association**
 - Main Site
<http://www.porcupineprospectors.on.ca/>

- **National Research Council—Research Press**
 - Canadian Geotechnical Journal
http://pubs.nrc-cnrc.gc.ca/cgi-bin/rp/rp2_desc_e?cgi

“Published since 1963, this bimonthly journal is one of three leading geotechnical publications with an international authorship and circulation. Topics include foundations, excavations, soil properties, dams, embankments, slopes, new developments in geohydrology, rock engineering, geochemistry, waste management and contaminant transport, frozen soil, ice and snow, offshore soils, and geostatistics.”
 - Canadian Mineralogist
<http://pubs.nrc-cnrc.gc.ca/mineral/mineralogist.html>

“Since 1962, The Canadian Mineralogist has published papers dealing with all aspects of mineralogy, petrology, geochemistry, crystallography and mineral deposits.”

- **Natural Resources Canada**
 - Canadian Minerals Yearbook
http://www.nrcan.gc.ca/mms/cmy/pref_e.htm

“Each year, the Minerals and Metals Sector (MMS) of Natural Resources Canada undertakes a comprehensive review of developments in the mineral industry and publishes the results as the *Canadian Minerals Yearbook*. This publication forms a continuing historical record from year to year.”

- Exploration Information Bulletin—March 2005
http://www.nrcan.gc.ca/mms/pdf/info-explor_e.pdf
- Minerals and Mining Statistics Online:
http://mmsd1.mms.nrcan.gc.ca/mmsd/intro_e.asp

“The Minerals and Mining Statistics Division (MMSD) is part of the Minerals and Metals Sector (MMS) of Natural Resources Canada. MMSD is responsible for the collection, analysis and dissemination of comprehensive statistics on the Canadian minerals industry describing ore reserves, exploration, and mineral production and use, and for the conduct, in collaboration with Statistics Canada and the provincial and territorial governments, of various surveys of mine complex development and production.”

- Mineral Exploration Statistics:
http://mmsd1.mms.nrcan.gc.ca/mmsd/exploration/default_e.asp
- Overview of Trends in Canadian Mineral Exploration
http://www.nrcan.gc.ca/mms/pubs/explor_e.htm

“This report is prepared annually, on behalf of the Intergovernmental Working Group on the Mineral Industry (IGWG), for presentation to federal, provincial and territorial mines ministers. It contains information on recent exploration and deposit appraisal spending levels in Canada, a review of exploration and deposit appraisal activities in the provinces and territories, and analyses of domestic and international trends affecting the Canadian mineral exploration sector.”

○ PDAC

- Main Page:
<http://www.pdac.ca>
- Publications
<http://www.pdac.ca/pdac/publications/index.html>

“The Prospectors and Developers Association of Canada (PDAC) is a national association representing the interests of the mineral exploration and development industry.”

Other:

Bennett, D., Umpherson, D., and J.R. Webb. 1991. *Bush Safety in Mineral Exploration*. Sudbury, ON: Ministry of Northern Development and Mines, 67 p.

This handbook provides information on wilderness safety, including safety in the field, trip preparation, transportation, setting up camp, survival and first aid.

O'Reilly, Gerald, ed. 1992. *Planning for Field Safety*. Alexandria, VA: American Geological Institute, 208 p.

"This...book [was written to] prevent accidents and save lives by providing practical information on such topics as equipment use and safety, contaminated food and water, safe camping, hot and cold weather cautions, high altitude hazards, underground mines and caves, and fieldwork in other countries."