



16.0 REFERENCES

- AMEC Environment & Infrastructure, 2014. Hydrogeological Pre-Feasibility / EA Support Study Goliath Project. TB124004. Appendix M of the Environmental Impact Statement.
- ATSDR. 2008. .Toxicological Profile for Lead.
- Beakhouse, G.P. 2000. Precambrian geology of the Wabigoon area. In: Summary of Field Work and Other Activities, Ontario Geological Survey, Open File Report 6032.
- Beakhouse, G.P. 2001. Project Unit 00-012. Precambrian Geology of the Thunder Lake Segment, Wabigoon Area. In: Summary of Field Work and Other Activities, Ontario Geological Survey Open File Report 6070.
- Beakhouse, G.P. and Pigeon, L. 2003. Precambrian Geology of the Thunder Lake Area. Ontario Geological Survey, Preliminary Map P.3529, scale 1:20 000.
- Beanlands, G.E. and P.N. Duinker. 1983. An Ecological Framework for Environmental Impact Assessment In Canada. Published by Institute for Resource and Environmental Studies, Dalhousie University and the Federal Environmental Assessment Review Office.
- Bernander, S. (2008). Down-hill progressive landslides in soft clays. Research Report, Lulea University of Technology, Lulea, Sweden, 120 p.
- Bissonette, J.A. and Rosa, S.A., 2009. Road Zone Effects in Small-Mammal Comunities. Ecology and Society, 14, 27.
- Blickley, J, G. L. Patricelli. 2010. Impacts of Anthropogenic Noise on Wildlife: Research Priorities for the Development of Standards and Mitigation. Journal of International Wildlife Law & Policy. 13:4. 274-292.
- Boreal Heritage Consulting (BHC). 2012. Stage one and two archaeological and heritage assessment of the proposed Treasury Metals, Goliath Gold Project.
- Bovar Environmental. 1996. Report on Mine Vent Exhaust Testing, Falconbridge Limited, Falconbridge, Ontario, BE Project 541-6254, February.
- Brattstrom, B.H., and M.C. Bondello. 1983. Effects of off-road vehicle noise on desert vertebrates. Pages 51-79 in R.H. Webb and H.G. Wilshire, editors. Environmental effects of off-road vehicles. Springer Verlag, New York, New York, USA.





- British Columbia Environmental Assessment Office (BCEAO). 2013. Guideline for the Selection of Valued Components and Assessment of Potential Effects. Available at: http://www.eao.gov.bc.ca/pdf/EAO_Valued_Components_Guideline_2013_09_09.pdf.
- Brumm, H. 2004. The Impact of Environmental Noise on Song Amplitude in a Territorial Bird. Journal of Animal Ecology 73, pp.434-440. (available from: http://onlinelibrary.wiley.com/doi/10.1111/j.0021-8790.2004.00814.x/epdf).
- Canadian Ambient Air Quality Standards (CAAQS). Established under the authority of the Canadian Environmental Protection Act (1999), on May 25, 2013.
- Canadian Council of Ministers of Environment (CCME). 2000. Canadian Tissue Residue Guidelines for the Protection of Wildlife Consumers of Aquatic Biota: Methylmercury. Canadian Environmental Quality Guidelines.
- Canadian Dam Safety Association, 2007. Technical Bulletin Geotechnical Considerations for Sam Safety. Safety Reviews Best Management Practices.
- Canadian Environmental Assessment Agency (CEAA). 2012. Canadian Environmental Assessment Act, 2012 (S.C. 2012, c. 19, s. 52). Available: http://laws-lois.justice.gc.ca/eng/acts/C-15.21/. Accessed April 9, 2018.
- Canadian Environmental Assessment Agency (CEAA). 2013. Environmental Impact Statement Guidelines. Guidelines for the preparation of an Environmental Impact Statement for an environmental assessment conducted pursuant to the *Canadian Environmental Assessment Act, 2012,* Goliath Gold Project. Prepared for Treasury Metals Inc., dated February 21, 2013.
- Canadian Environmental Assessment Registry. 2014 Available: https://www.ceaaacee.gc.ca/050/index-eng.cfm. Accessed: October 14, 2014 .
- Canadian Environmental Assessment Agency (CEAA). 2015a. Practitioners Glossary for the Environmental Assessment of Designated Projects under the Canadian Environmental Assessment act, 2012. March 2015.
- Canadian Environmental Assessment Agency (CEAA). 2015b. Operational Policy Statement, Determining Whether a Designated Project is Likely to Cause Significant Adverse Environmental Effects under the Canadian Environmental Assessment Act, 2012. November 2015).





- Caracle Creek International Consulting Inc. 2008a. A Report on the 2008 Geophysics Conducted on the Goliath Project: Airborne Magnetics and Induced Polarisation, Hartman and Zealand Township, Kenora Mining Division, Ontario, Canada. Prepared for Treasury Metals Inc.
- Caracle Creek International Consulting Inc. 2008b. Structural Summary Report, Thunder Lake Property. Prepared for Treasury Metals Inc.
- Canadian Council of Ministers of the Environment. 1999. Canadian National Ambient Air Quality Objectives: Process and Status. Excerpt from Publication No. 1299; ISBN 1-896997-34-1. Canadian Environmental Quality Guidelines, Canadian Council of Ministers of the Environment. Winnipeg, MB.
- Canadian Council of Ministers of the Environment (CCME). 2000. Canada-Wide Standards for Particulate Matter (PM) and Ozone. Ottawa, Canada. CEAA (Canadian Environmental Assessment Agency). 2013. Guidelines for the preparation of an Environmental Impact Statement for an environmental assessment conducted pursuant to the Canadian Environmental Assessment Act, 2012. Goliath Gold Project, Treasury Metals Inc. February 2013.
- Canadian Council of Ministers of the Environment (CCME), 2002. Canadian Water Quality Guidelines for the Protection of Aquatic Life, Total Particulate Matter.
- Canadian Council of Ministers of the Environment (CCME), 2007. Protocol for the Derivation of Water Quality Guidelines for the Protection of Aquatic Life.
- Carslaw, D.C., Beevers, S.D. Westmoreland, E. Williams, M.L. Tate, J.E., Murrells, T. Stedman, J. Li, Y., Grice, S., Kent, A. and I. Tsagatakis (2011). Trends in NOx and NO2 emissions and ambient measurements in the UK. Version: July 2011.
- Canadian Environmental Assessment Act, 2012. Considering Aboriginal Traditional Knowledge in Environmental Assessments Conducted under the Canadian Environmental Assessment Act, 2012.
- Chapeskie, 1993. Laws of the Land: Aboriginal customary law, state law and sustainable resource management in Canada's north. University of Ottawa theses.
- Chapeskie 1993, Kroeker 1998, www.wabigoonlakeon.ca/communityprofile.html, accessed February 8, 2018.
- City of Dryden. Personal Communications with Colin Hawkins, Operations Manager and Dean Walker, Waterworks Manager.





- Colombo, S.J., D.W. McKenney, K.M. Lawrence and P.A. Gray, 2007. Climate Change Projections for Ontario: Practical Information for Policymakers and Planners. Ontario Ministry of Natural Resources. CCRR-05.
- Cowan, W.R. & Sharpe, D.R. 1991. Surficial Geology, Wabigoon Lake, Ontario. Geological Survey of Canada, Map 1774A, scale 1:100,000.
- Crins, William J., Paul A. Gray, Peter W.C. Uhlig, and Monique C. Wester. 2009. The Ecosystems of Ontario, Part I: Ecozones and Ecoregions. Ontario Ministry of Natural Resources, Peterborough Ontario, Inventory, Monitoring and Assessment, SIB TER IMA TR- 01, 71 pp.
- DeLisle, 2001. Coming out of the shadows: Asserting identity and authority in a layered homeland: The 1979-82 MudLake wild rice confrontation. Queen's University Department of Geography theses.
- Department of Oceans and Fisheries (DFO). 1985. Fisheries Act (R.S.C., 1985, c. F-14). Current March 26, 2018.
- Department of Fisheries and Oceans (DFO), 1995. Freshwater Intake End-of-Pipe Fish Screen Guideline. Government of Canada.Department of Oceans and Fisheries (DFO). 2002. Metal Mining Effluent Regulations (SOR/2002-222). Current March 26, 2018.
- Devuyst, E.A., B.R. Conrad, and G. Robbins. 1988. Commercial performance of Inco's SO₂-air cyanide removal process. Pages 87-88 in Proceedings Randol Gold Conference. Golden, CO: Randol International Ltd.
- Devuyst, E.A., B.R. Conrad, G. Robbins, and R. Vergunst. 1989. INCO SO₂-Air Cyanide Removal Process Update. Pages 353-356 in Proceedings World Gold '89.
- Dieselnet, 2016c. Nitrogenous omposition of naturally aspirated diesel engines. Accessed at: https://www.dieselnet.com/tech/emi_gas.php.
- Domtar Pulp and Paper Products Inc. 2008. 2008-2018 Forest Management Plan for the Wabigoon Forest.
- Dooling, R.J., and A.N. Popper. 2007. The Effects of Highway Noise on Birds. The California Department of Transportation.
- Dryden Forest Management Company (DFMC). 2010. 2011-2021 Forest Management Plan for the Dryden Forest. http://www.appefmp.mnr.gov.on.ca.





- DST 2014a. Treasury Metals Inc. Goliath Gold Project Aquatic Baseline Study Report. Included as Appendix P in the EIS.
- DST 2014b. Treasury Metals Inc. Goliath Gold Project Fisheries Baseline Data Summary.
- DST 2014c. Treasury Metals Inc. Goliath Gold Project Hydrology 2013 Baseline Study. Included as Appendix N in the EIS.
- DST 2014d. Treasury Metals Inc. Goliath Gold Project Terrestrial Wildlife Baseline Study (2013).
- Dungan, P., Murphy, S. 2014. An Au-thentic Opportunity: The Economic Impacts of a New Gold Mine in Ontario. Ontario Mining Association with assistance from the Ontario Ministry of Northern Development and Mines.
- EcoMetrix, 2014. Geochemical evaluation of mine materials at the Goliath Gold Project. Prepared for Treasurey Metals Inc. September 2014.
- Eden, WJ (1964). Earthflows at the Beattie Mine Quebec, Canada. Canadian Geotechnical Journal, 1(2): 104-114.
- Elkie, P, M. Cluck, J. Boos, J. Bowman, C. Daniel, J. Elliott, D. Ethridge, D. Heaman, G. Hooper, R. Kushneriuk, G. Lucking, S. Mills, B. Naylor, F. Pinto, B. Pond, R. Rempel, K. Ride, A. Smiegielski, G. Watt, M. Woods. 2013. Science and Information in Support of Ontario's Forest Management Guides for Landscapes: Science Package Series A: Simulations, Rationale and Inputs. OMNR. Forest Policy Section.
- Elliot, J., P. Elkie, R. Kushneriuk, and R. Rempel. 2010. Landscape scripting language and Ontario's landscape tool scripting techniques and specifics. Ont. Min. Nat. Res. Forest Policy Section. 53 pp.
- Environment Canada. 2011. Recovery Strategy for the Least Bittern (Ixobrychus exilis) in Canada [Proposed]. Species at Risk Act Recovery Strategy Series. Environment Canada, Ottawa, ON.
- Environment Canada. 2012. Metal Mining Environmental Effects Monitoring (EEM) Technical Guidance Document. Ottawa.
- Environment Canada (EC). 2012. Canadian Climate Normals, 1981-2010 Climate Normals & Averages. Data Services Section, Meteorological Service of Canada, Environment Canada. Downsview, ON, 2012:

http://climate.weather.gc.ca/climate_normals/index_e.html.





Environment Canada (EC). 2003. Environmental Emergency Regulations (SOR/2003-307). Last amended December 8, 2011.

- Environment Canada (EC). 2012. Recovery Strategy for the Common Nighthawk (Chordeiles minor) in Canada. Species at Risk Act Recovery Strategy Series. Environment Canada, Ottawa. Vii + 49 pp.
- Environment Canada. 2014. Biological test method series. URL: http://www.ec.gc.ca/faunescience-wildlifescience/default.asp?lang=En&n=0BB80E7B-1 (accessed October 2014).
- Environment Canada. 2013. Guidelines for the assessment of alternatives for mine waste disposal. Accessible: https://www.canada.ca/en/environment-climate-change/services/managing-pollution/publications/guidelines-alternatives-mine-waste-disposal.html. Accessed 2013.
- Environment Canada. 2016. Incidental Take of Migratory Birds in Canada. http://www.ec.gc.ca/paom-itmb/Default.asp?lang=En&n=C51C415F-1.
- Environment and Climate Change Canada (ECCC). 2017a. National Inventory Report 1990-2016: Greenhouse Gas Sources and Sinks in Canada. Canada's Submission to the United Nations Framework Convention on Climate Change. Part 1.
- Fahrig, L. and T. Rytwinski. 2009. Effects of roads on animal abundance: an empirical review and synthesis. Ecol. Soc. 14:21.

Fisheries Act R.S.C., 1985, c. F-14 (current to August 12, 2014).

- (FPTWG) Fish Passage Technical Working Group. December 2011. A Checklist for Fish Habitat Confirmation Prior to the Rehabilitation of a Stream Crossing. Prepared for BC Ministry of Forests.
- FTPTCCCEA (The Federal-Provincial-Territorial Committee on Climate Change and Environmental Assessment), 2003. Incorporating Climate Change Considerations in Environmental Assessment: General Guidance for Practitioners. November.
- Fletcher, R., P. Welsh, and T. Fletcher. 2008. Guidelines for Identifying, Assessing, and Managing Contaminated Sediments in Ontario: An Integrated Approach.
- Gammons, C. H., Harris, L.N., Castro J.M., Cott, P.A., and Hanna, B.W. 2009. Creating lakes from open pit mines: processes and considerations - with emphasis on northern environments. Can. Tech. Rep. Fish. Aquat. Sci. 2826: ix + 106 p.





- GKC Consulting, 2014. Treasury Metals Goiath Gold Project, Socioeconomic Baseline Report. Conditions in Northwestern Ontario.
- Golder, 2012. Tomlinson Moore Farm Quarry Application Eastern Meadowlark Sensitivity to Predicted Noise. Golder Associates Ltd. Prepared for Ontario Ministry of Natural Resources. Submitted August 28, 2012.
- Government of Canada. 1994. Determining Whether A Project is Likely to Cause Significant Adverse Environmental Effects. Federal Environmental Assessment Review Office. Available at: https://www.ceaa-acee.gc.ca/Content/D/2/1/D213D286-2512-47F4-B9C3-08B5C01E5005/Determining_Whether_a_Project_is_Likely_to_Cause_Significant_Adve rse_Environmental_Effects.pdf.
- Government of Canada (2017). Fisheries Act R.S.C., 1985, c.F-14. Ministry of the Attorney General.
- Government of Canada (2017). Metal Mining Effluent Regulations (SOR/2002-222). Ministry of the Attorney General.
- Government of Canada (2017). Migratory Birds Convention Act, 1994 (S.C. 1994, c. 22). Ministry of the Attorney General.
- Government of Canada (2017). Navigation Protection Act (R.S.C., 1985, c. N-22). The Ministry of the Attorney General.
- Government of Canada (2017). Off-Road Compression-Ignition Engine Emission Regulations (SOR/2005-32). Canadian Environmental Protection Act, 1999 (CEPA 1999), The Ministry of the Attorney General.
- Government of Canada (2017). Species at Risk Act (S.C. 2002, c. 29). The Ministry of the Attorney General.
- Government of Canada (2017) Wastewater Systems Effluent Regulations (SOR/2012-139). The Fisheries Act, The Ministry of the Attorney General.
- Government of Canada (2016). Consolidated Off-Road Compression-Ignition Engine Emission Regulations. Current to December 8, 2016, last amended on January 16, 2012.
- Government of Canada, (2012). Regulations Amending the Sulphur in Diesel Fuel Regulations SOR/2002-135 June 20, 2012, CANADIAN ENVIRONMENTAL PROTECTION ACT, 1999.





Government of Ontario (2017). O. Reg. 10/06: Criteria for Determining Cultural Heritage Value or Interest of Provincial Significance. Ontario Heritage Act.

Government of Ontario (2017). Ontario Heritage Act, R.S.O. 1990, c. O.18.

Government of Ontario, (2017). Environmental land use planning guides (D-Series Guidance).

- Health Canada (2008). Human Health Risk Assessment of Mercury in Fish and Health Benefits of Fish Consumption. Bureau of Chemical Safety Food Directorate Health Products and Food Branch. Government of Canada.Health Canada (HC). 2010. Useful Information for Environmental Assessments.
- Health Canada (HC). 2010. Supplemental Guidance on Human Health Country Foods (HHRA_{Foods}). Dated 2010.

Health Canada (HC). 2010. Useful information for Environmental Assessments.

- Health Canada (HC). 2010. Part II Health Canada Toxicological Reference Values and Chemical Specific Factors.
- Health Canada (HC). 2010. Part V: Guidance on Human Health Detailed quantitative Risk Assessment for Chemicals (DQRA_{Chem}). Dated 2010 Health Canada (HC), 2011a. Guidance for Evaluating Human Health Impacts in Environmental Assessment: Noise. Draft, January 2011.
- Health Canada (HC). 2011b. Spreadsheet Tool for Human Health Detailed Quantitative Risk Assessment.
- Health Canada (HC). 2012. Guidance on Human Health Preliminary Quantitative Risk Assessment.
- Health Canada (HC). 2016. Guidance for Evaluating Human Health Impacts in Environmental Assessment: Drinking and Recreational Water Quality. Dated December 2016.
- Health Canada (HC). 2016. Guidance for Evaluating Human Health Impacts in Environmental Assessment: Air Quality. Dated December 2016.
- Health Canada (HC). 2018. Supplemental Guidance on Human Health Risk Assessment of Indoor Settled Dust (HHRA_{Dust).} Dated February 2018.
- Holloway, G.L. B.J. Naylor and W.R. Watt (eds.). 2004. Habitat relationships of wildlife in Ontario. Revised habitat suitability models for the Great Lakes-St. Lawrence and Boreal East





forests. Ontario Ministry of Natural Resources, Southern Science and Information Section and Northeast Science and Information, Joint Technical Report No. 1. 116p.

- Horowitz, Arthur J. 1985. A primer on trace metal sediment chemistry. U.S. Geological Survey Water-Supply Paper 2277.
- Horn J.A. and Goldman C.R. (1994). Phosphorus Cycling in the Water Column. In: Limnology, McGraw-Hill Inc., New York, 163-164.
- Hydro One. 2014. Regional Planning > Northwest Ontario Available: http://www.hydroone.com/RegionalPlanning/NWOntario/Pages/default.aspx. Accessed: October 14, 2014.

Hydrologic Atlas of Canada, 1978.

Hynes, H.B.N. 1970. The Ecology of Running Waters. University of Toronto Press. pp. 83.

- IAMGOLD (IAMGOLD Corporation), 2014. Côté Gold Mine Project. Environmental Impact Statement (EIS). May 2014 (CEAA Registry Doc# 16).
- IEESC, 2012. Producing High-Resolution (25km × 25km) Probabilistic Climate Change Projections over Ontario Using UK PRECIS. Submitted to the Ontario Ministry of Environment.
- IPCC (Intergovernmental Panel on Climate Change), 2007. Summary for Policymakers. In: Climate Change 2007: The Physical Science Basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
- IPCC, 2013: Summary for Policymakers. In: Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
- ISEE (International Society of Explosives Engineers). 2011. Blaster's Handbook, 18th edition, Stiehr, J.F.,Ohio USA.
- ISO (International Organization for Standardization). 1994a, International Standard ISO 9613-1:1994, Acoustics – Attenuation of Sound during propagation outdoors. Part 1: Calculation of the absorption of sound by the atmosphere.





- ISO (International Organization for Standardization). 1996b, International Standard ISO 9613-2:1996, Acoustics Attenuation of sound during propagation outdoors Part 2: General method of calculation.
- Jurisdictional Screening Level (JSL) List. A Screening Tool for Ontario Regulation 419: Air Pollution Local Air Quality (PIBS # 6547e).
- KBM Resources Group (KBM) 2017. Treasury Metals Inc. Summary Fisheries Report for the Goliath Gold Project (2011-2016). Included as Appendix Q to the EIS.
- KBM Resources Group (KBM) 2017. Treasury Metals Inc. Summary Wildlife Report for the Goliath Gold Project (2011-2016). Included as Appendix R to the EIS.
- KBM Resources Group (KBM) 2017. Treasury Metals Inc. Wetlands Baseline Study (2016) Goliath Gold Project. Included as Appendix S to the EIS.
- Klohn Crippen Berger (KCB). 2012. Treasury Metals Inc. Goliath Gold Project Baseline Study November 2010 to November 2011.
- Konze, K., and M.McLaren. 1997. Wildlife Monitoring Program and Inventory Techniques for Ontario. Ontario Ministry of Natural Resources. Northeast Science and Technology. Technical Manual TM-009.
- Lall, R., Kendall, M., Ito, K., Thurston, G., (2004). Estimation of historical annual PM2.5 exposures for health effects assessment. Atmospheric Environment 38(2004) 5217-5226.
- Lapota, D., Duckworth, D., and J.Q. Word. 2000. Confounding Factors in Sediment Toxicology. Confronting factors in Sediment Toxicology – Issue Papers. Available at: http://web.ead.anl.gov/ecorisk/issue/pdf/confound.pdf. Accessed on February 12, 2002.
- Lawrence, D. 2005. Significance Criteria and Determination in Sustainability-Based Environmental Impact Assessment. Final Report. Prepared for the Mackenzie Gas Project Joint Review Panel.
- Lochner, 2004. Education, Work and Crime: A Human Capital Approach. NBER working paper series, National Bureau of Economic Research, Cambridge, MA, USA.

Lycopodium Minerals Canada Ltd, 2014. Goliath Gold Project Process Optimization Study.

McBride, M.B. 1994. Environmental chemistry in soils. Oxford Univ. Press, Oxford.





- McCaul, E., S.Kingston, and A.Lawson. 2008. Ontario Parks Inventory and Monitoring Program: Guidelines and Methodologies (Version 1.1), June 19, 2008. Ontario Ministry of Natural Resource, Ontario Parks, Ontario.
- McDermid, J., S. Fera and A. Hogg, 2015. Climate Change Projections for Ontario: An Updated Synthesis for Policymakers and Planners. Ontario Ministry of Natural Resources and Forestry. CCRR-44.
- McDonald, M.G., and Harbaugh, A.W., 1988, A modular three-dimensional finite-difference ground-water flow model: Techniques of Water-Resources Investigations of the United States Geological Survey, Book 6, Chapter A1, 586 p.
- McKenney, D.W., J.H. Pedlar, M.F. Hutchison, P. Papadopol, K. Lawrence, K. Campbell, E. Milewska, R.F. Hopkinson, and D.T. Price. 2013. Spatial climate models for Canada's forestry community. For. Chron. 89: 659–663.
- McKenney, D.W., M.F. Hutchison, P. Papadopol, K. Lawrence, J. Pedlar, K. Campbell, E. Milewska, R.F. Hopkinson, D. Price and T. Owen. 2011. Customized spatial climate models for North America. Bull. Amer. Meteor. Soc. 92: 1611–1622.
- McKenney, D.W., P. Papadopol, M.F. Hutchison, 2006. The development of 1901–2000 historical monthly climate models for Canada and the United States. Agric. For. Meteor. 138: 69-81.
- Meridian Planning Consultants. 2007. City of Dryden, Community Improvement Plan. Report Prepared for the City of Dryden by Meridian Planning Consultants. September 18, 2007. Available: http://www.dryden.ca/UserFiles/Servers/Server_6/File/DrydenCIP08.pdf. Accessed: October 14, 2014.

Métis Nation of Ontario (MNO), 2016. Métis harvesting agreement with Ontario MNRF.

- Mihorean, K. 2005. "Criminal victimization in Canada, 2004." Juristat. Vol. 25, no. 7, Statistics Canada, catalogue no. 85-002-XIE. Ottawa.
- Ministry of Northern Development and Mines (MNDM). 2013. Northern Highways Program 2013-2017. Available: http://www.mto.gov.on.ca/english/pubs/highway-construction/northernhighway-2013/northern-highway-en-2013.pdf. Accessed October 14, 2014.
- Ministry of Northern Development and Mines (MNDM). 2014. CLAIMaps. Available: http://www.geologyontario.mndmf.gov.on.ca/website/claimapsiii/Bulletin.asp. Accessed: October 14, 2014.





- Minning, G.V., Cowan, W.R., Sharpe, D.R., and Warman, T.A.1994. Quaternary geology and drift composition, Lake of the Woods region, northwestern Ontario. Geological Survey of Canada, Memoir 436.
- MNRF (Ministry of Natural Resources and Forestry). 2015. Ontario Flow Assessment Tool (OFAT III).
- MOECC (Ontario Ministry of the Environment and Climate Change). 1978. Model Municipal Noise Control Bylaw, which includes Publication NPC-103 – Procedures, Publication NPC-104 – Sound Level Adjustments, and NPC-119 – Blasting.
- MOECC (Ontario Ministry of the Environment and Climate Change). 1985. Guidelines on Information Required for the Assessment of Blasting Noise and Vibration.
- MOECC (Ministry of Environment). 1993. Guidelines for the Protection and Management of Aquatic Sediment Quality in Ontario, August 1993.
- MOECC (Ontario Ministry of the Environment and Climate Change). 1994, Provincial Water Quality Objectives.
- MOECC (Ontario Ministry of the Environment and Climate Change). August 2013, Publication NPC-300, Environmental Noise Guideline Stationary and Transportation Sources Approval and Planning.
- MOECC (Ontario Ministry of Environment and Climate Change). 1978. Model Municipal Noise Control Bylaw, which includes Publication NPC-103 – Procedures, Publication NPC-104 – Sound Level Adjustments, and NPC-119 – Blasting.
- MOECC (Ontario Ministry of Environment and Climate Change). 1978. Air Quality in Ontario Reports, 1999 to 2011. Environmental Monitoring and Reporting Branch, Ontario Ministry of the Environment. Queen's Printer for Ontario, 2001 through 2013.
- MOECC (Ontario Ministry of Environment and Climate Change). 1985. Guidelines on Information Required for the Assessment of Blasting Noise and Vibration.
- MOECC (Ontario Ministry of Environment and Climate Change). 1990. Environmental Protection Act, R.S.O. 1990, c. E.19. Current March 8, 2018.
- MOECC (Ontario Ministry of Environment and Climate Change). 1990. Ontario Water Resources Act, R.S.O. 1990, c. O.40. Current April 3, 2018.
- MOECC (Ontario Ministry of Environment and Climate Change). 1990. Lakes and Rivers Improvement Act, R.S.O. 1990, c. L.3.





- MOECC (Ontario Ministry of Environment and Climate Change). 1995. Environmental Noise Guideline - Stationary and Transportation Sources - Approval and Planning (NPC-300) MOECC (Ontario Ministry of Environment and Climate Change). 2009a. Guideline A10: Guide for Preparing an Emission Summary and Dispersion Modelling Report, Version 3.0, March, 2009. Air Monitoring and Reporting Section, Environmental Monitoring and Reporting Branch. Toronto, Ontario.
- MOECC (Ontario Ministry of Environment and Climate Change). 2009b. Guideline A11: Air Dispersion Modelling Guideline for Ontario, Version 2.0, March, 2009. Air Monitoring and Reporting Section, Environmental Monitoring and Reporting Branch. Toronto, Ontario.
- MOECC (Ontario Ministry of Environment and Climate Change). 2012. Ontario Ambient Air Quality Criteria. Standards Development Branch. April 2012 PIBS # 6570e01,
- MOECC (Ontario Ministry of Environment and Climate Change). 2013, Publication NPC-300, Environmental Noise Guideline Stationary and Transportation Sources – Approval and Planning. August 2013.
- MOECC (Ontario Ministry of Environment and Climate Change). 2014. Ministry of the Environment Regional Meteorological Datasets. Environmental Monitoring and Reporting Branch. Toronto, Ontario, 2007. http://www.applications.ene.gov.on.ca/archive/met/index.html.
- MOECC (Ontario Ministry of Environment and Climate Change). 2017. Ontario Water Resources Act, R.S.O. 1990, c. O.40. Government of Ontario.
- MOECC Ministry of the Environment and Climate Change (1978). Model municipal noise control by-law: final report. (NPC 115, 118, 119). Government of Ontario.
- MOECC Ministry of the Environment and Climate Change (2012). Ontario's Ambient Air Quality Criteria. Standards Development Branch, Government of Ontario.
- MOECC Ministry of the Environment and Climate Change (2007). Endangered Species Act, 2007, S.O. 2007, c. 6. Government of Ontario.
- MOECC Ministry of the Environment and Climate Change (2017). Environmental Protection Act R.S.O. 1990, CHAPTER E.19. Government of Ontario.
- MOECC Ontario Ministry of the Environment and Climate Change (2017). O. Reg. 1/17: Registrations Under Part 11.2 of the Act- Activities Requiring Assessment of Air Emissions. Environmental Protection Act. Government of Ontario.





- MOECC Ontario Ministry of the Environment and Climate Change (2017). O. Reg. 232/98: Landfilling Sites. Environmental Protection Act. Government of Ontario.
- MOECC Ontario Ministry of the Environment and Climate Change (2017). O. Reg. 419/05: Air Pollution- local Air Quality. Environmental Protection Act. Government of Ontario.
- MOECC Ontario Ministry of the Environment and Climate Change (2017). O. Reg. 560/94: Effluent Monitoring and Effluent Limits- Metal Mining Sector. Environmental Protection Act. Government of Ontario.
- MOECC Ontario Ministry of the Environment and Climate Change (2012). Environmental Noise Guideline - Stationary and Transportation Sources - Approval and Planning (NPC-300). Government of Ontario.
- MOECC Ontario Ministry of Environment and Climate Change . 2007. O.Reg 230/08: Species at Risk in Ontario List, Endangered Species Act, 2007 S.O. 2007, c. 6. Accessible: https://www.ontario.ca/laws/regulation/080230. Accessed: April 9, 2018MOEE (Ministry of Environment and Energy). 1994. Water Management Policies, Guidelines, Provincial Water Quality Objectives of the Ministry of Environment and Energy. July, 1994. Ontario. PIBS 3303E.
- MOE. Ontario Ministry of the Environment (MOE). Summary of Standards and Guidelines to Support Ontario Regulation 419: Air Pollution Local Air Quality (PIBS # 6569e).
- MOE. Ontario Ministry of the Environment (MOE). 1977. Procedures. Queen's Printer for Ontario. Publication NPC-103.
- MOE. Ontario Ministry of the Environment (MOE). Provincial Water Quality Objectives. Policies and Guidelines for Water Management. July, 1994.
- MNAH Ministry of Municipal Affairs and Housing (2017). Municipal Act, 2001, S.O. 2001, c. 25. Government of Ontario.
- MNR, 2012. Fisheries Management Zone 5 Report.
- MNR, 2009. English River Forest Management Plan.
- MNRF Ministry of Natural Resources and Forestry (MNRF) (2017). Lakes and Rivers Improvement Act, R.S.O. 1990, c. L.3. Government of Ontario.
- MNDM Ministry of Northern Development and Mines (2017). O. Reg. 240/00: Mine Development and Closure Under Part VII of the Act. The Mining Act. Government of Ontario.





- MNDM Ministry of Northern Development and Mines (2017). Mining Act, R.S.O. 1990, c. M.14. Government of Ontario.
- MOTC Ministry of Tourism and Culture (2011). Standards and Guidelines for Consultant Archaeologists. Government of Ontario.
- MTO Ministry of Transportation (2017). O. Reg. 413/05: Vehicle Weights and Dimensions- for Safe, Productive and Infrastructure- Friendly Vehicles. Highway Traffic Act. Government of Ontario.
- MTO Ministry of Transportation. Highway Traffic Act, R.S.O. 1990, c. H.8. Government of Ontario.
- MTQ (2014). Glissement de terrain du 29 janvier 2013 à la carrière Maskimo de l'Épiphanie. Rapport présenté à la Commission de la santé et de la sécurité du travail (CSST), Transports Québec, 211 p.
- Nakicenovic, N. and R. Swart. 2000. Emissions Scenarios. Special Reports on Climate Change. Intergovernmental Panel on Climate Change. Cambridge University Press.
- National Ambient Air Quality Objectives (NAAQO). Published by the Canadian Council of Ministers of the Environment 1999.
- Natural Resources Canada (NRCan). 2011. List of major landslide disasters in Canada Belmoral Mine.
- Natural Resources Canada (NRCan).2013. The Canada Gazette. Explosives Regulations.
- Natural Heritage Information Centre (NHIC). 2012. Ontario Ministry of Natural Resources. http://nhic.mnr.gov.on.ca/nhic_,cfm.
- New Gold. 2013. Environmental Impact Statement (EIS) for the Rainy River Gold Project: Chapter 7, Effects Assessment and Mitigation. Available at: http://www.ceaa.gc.ca/050/document-eng.cfm?document=97716.
- Nickling, W. G. and J. A. Gilles. 1989. Emissions of Fine Grained Particulates from Desert Soils". Department of Geography, University of Guelph, 1989.
- Niswonger, R.G., Panday, Sorab, and Ibaraki, Motomu, 2011, MODFLOW-NWT, A Newton formulation for MODFLOW-2005: U.S. Geological Survey Techniques and Methods 6– A37, 44 p.
- NSSGA (National Stone, Sand & Gravel Association). 2004. Modelling Fugitive Dust Sources. National Stone, Sand & Gravel Association, Alexandria, VA., 2004.





- Ongley, E. 1996. Chapter 13 Sediment Measurements. IN: Water Quality Monitoring A Practical Guide to the Design and Implementation of Freshwater Quality Studies and Monitoring Programmes. United Nations Environment Programme and the World Health Organization (Eds. Bartram, J., and R. Balance).
- Ontario Mining Association (OMA). 2014a. Ontario Mining Operations Map. Available: http://www.oma.on.ca/en/ontariomining/resources/OntMiningOperations2014.pdf. Accessed: October 14, 2014.
- Ontario Ministry of Tourism, Culture and Sport, 2017. Archaeology Archaeological Assessments. October 18, 2017. http://www.mtc.gov.on.ca/en/archaeology/archaeology_assessments.shtml.
- Ontario Mining Association. 2014b. Advanced Mineral Projects in Ontario 2014. Available: http://www.oma.on.ca/en/ontariomining/resources/AdvancedExplorationProjects2014.pdf Accessed: October 14, 2014.
- Ontario Nature. 2018. https://www.ontarionature.org/discover/resources/PDFs/id_guides/wild-edibles.pdf.
- Ontario Nature, 2016. Edible Wild Plants in Northwestern Ontario: A Primer. Available at: https://ontarionature.org/wp-content/uploads/2017/10/wild-edibles.pdf.
- OMNR, 1993. Ontario Wetland Evaluation System, Northern Manual. NEST Technical Manual TM-001. March 1993.
- OMNR 2009. Cervid Ecological Framework. Queen's Printer for Ontario. 19pp.
- OMNR. 2011. Bats and Bat Habitats Guidelines for Wind Power Projects. Queen's Printer for Ontario. 25pp.
- OMNR. 2014. Forest Management Units List; List of Forest Management Units in Ontario. Accessed 13 August, 2014. Available: https://www.ontario.ca/environment-andenergy/forest-management-units-list.
- OMNR. 2000. Ontario Ministry of Natural Resources 2000. Significant wildlife habitat technical guide. Available at: http://www.mnr.gov.on.ca/en/Business/FW/Publication/MNR_E001285P.html.
- OPG (Ontario Power Generation). 2011. OPG's Deep Geologic Repository for L&ILW, Environmental Impact Statement. March 2011. OPG# 00216-REP-07701-00001 (CEAA Registry Doc# 298).





- OPG (Ontario Power Generation). 2013. OPG Letter, A. Sweetnam to S. Swanson, "Deep Geologic Repository Project for Low and Intermediate Level Waste Submission for the March 20, 2013, JRP Technical Information Session", CD# 00216-CORR-00531-00173, March 12, 2013. (CEAA Registry Doc# 912).
- OPG (Ontario Power Generation). 2014. Consolidated Responses to JRP's Information Request (IR) Packages 12, 12a, 12b, 13, and Clarifications to IRs EIS-12-513, EIS-12b-512 and EIS-12b-513 for Deep Geologic Repository Project for Low and Intermediate Level Waste. Specifically, Attachment A to OPG response IR-EIS-12-512. July 8, 2014. (CEAA Registry Doc# 1851).

Ontario Regulation 419/05: Air Pollution – Local Air Quality (O.Reg.419/05).

- P & E Mining Consultants, 2015. Technical Report and Updated Resource Estimate for the Goliath Gold Project, Kenora Mining Division, Northwestern Ontario.
- Parks Canada Agency. 2002. Species at Risk Act (S.C. 2002, c. 29). Accessible: http://lawslois.justice.gc.ca/eng/acts/s-15.3/page-2.html#h-6. Accessed: April 9, 2018.
- Peck, R. B. 1969. Advantages and Limitations of the Observational Method in Applied Soil Mechanics. Geotechnique 19, No. 2, pp 171-187.
- Price, W.A. (1997), Draft Guidelines and Recommended Methods for the Prediction of Metal Leaching and Acid Rock Drainage at Minesites in British Columbia. British Columbia Ministry of Employment and Investment, Energy and Metals Division.
- Price, W.A. (2009), Prediction Manual for Drainage Chemistry from Sulphidic Geologic Materials. Canadian MEND Report 1.20.1, Natural Resources Canada, December, 2009.
- R. v. Powley, 2003. 2 S.C.R. 207, 2003 SCC 43. Case number 28533, September 19, 2003, Ontario, Canada.
- Raphael, S., Winter-Ebmer, R. "Identifying the Effect of Unemployment on Crime," The Journal of Law and Economics 44, no. 1 (April 2001): 259-283.
- Roed, M.A. 1980. Northern Ontario Engineering Geology Terrain Study 22, Wabigoon Lake Area (NTS 52F/NE), District of Kenora. Ministry of Natural Resources.
- RWDI, 2014a. Goliath Gold Project: Noise Baseline Study (Final Report). Prepared for Treasury Metals Incorporated. Prepared by RWDI Air Inc., Guelph, Ontario. Included as part of Appendix H-2 to the EIS.





- RWDI, 2014b. Goliath Gold Project: Acoustic Assessment Report (Final Report). Prepared for Treasury Metals Incorporated. Prepared by RWDI Air Inc., Guelph, Ontario. Included as part of Appendix H-3 to the EIS.
- RWDI, 2014c. Goliath Gold Project: Environmental Noise Assessment, Final Report. Prepared for Treasury Metals Incorporated. Prepared by RWDI Air Inc., Guelph, Ontario. Included as part of Appendix H-4 to the EIS.
- RWDI, 2014d. Goliath Gold Project: Baseline Light Assessment, Final Report. Prepared for Treasury Metals Incorporated. Prepared by RWDI Air Inc., Guelph, Ontario. Included as Appendix I to the EIS.
- RWDI, 2014e. Goliath Gold Project: Environmental Air Quality Assessment (Final Report). Prepared for Treasury Metals Incorporated. Prepared by RWDI Air Inc., Guelph, Ontario. Included as part of Appendix J-2 to the EIS.
- RWDI, 2014f. Goliath Gold Project: Emission Summary and Dispersion Modelling Report (Final Report). Prepared for Treasury Metals Incorporated. Prepared by RWDI Air Inc., Guelph, Ontario. Included as part of Appendix J-3 to the EIS.
- RWDI, 2014g. Goliath Gold Project: Best Management Practices Plan for Dust, Final Report. Prepared for Treasury Metals Incorporated. Prepared by RWDI Air Inc., Guelph, Ontario. Included as part of Appendix J-4 to the EIS.
- Sillman, S., and D. He, 2002. Some theoretical results concerning O3-NOx-VOC chemistry and NOx-VOC indicators, J. Geophys. Res., 107(D22), 4659, doi:10.1029/2001JD001123, 2002.
- Sillman, 2003. O3-Nox-VOC sensitivity and Nox-VOC indicators in Paris: Results from models and Atmospheric Pollution Over the Paris Area (ESQUIF) measurements
- Sillman, 1995. The use of NOy, H2O2 and HNO3 as indicators for ozone-NOx-hydrocarbon sensitivity in urban location
- Simpson, 2008. Final Report of the Wabauskang First Nations Indigenous Knowledge and Contaminants Program. Indigenous Health Research Development Program.
- Sippe, R. 1999. Criteria and Standards for Assessing Significant Impact. In J. Petts (ed). Handbook of Environmental Impact Assessment. Blackwell Science. Malden, USA. p. 74-92.
- Soil Classification Working Group (SCWG). 1998. The Canadian System of Soil Classification, 3rd ed. Agriculture and Agri-Food Canada Publication 1646, 187 pp.





Statistics Canada. 2016 census. Populations and demographics of nine First Nation communities.

Stevenson, R.J. (1998). Diatom indicators of stream and wetland stressors in a risk management framework. Environmental Monitoring and Assessment, 51, 107–18.

Survey of Canada, Map 1774A, scale 1:100,000.

- SWS 2011. Visual MODFLOW 2011.1 User's Manual. Schlumberger Water Services, Waterloo, Canada.
- TransCanada, 2016. Environmental Assessment for the proposed Energy East pipeline project. National Energy Board.
- Treasury Metals Incorporated. Project Description Goliath Gold Project. Submitted to Canadian Environmental Assessment Agency – Ministry of Northern Development and Mines. November 26, 2012.
- U.S. EPA (United States Environmental Protection Agency). 2003. Guideline on Air Quality Models, Appendix W of Pt. 51 of 40 CFR Ch. I (7-1-03 Edition), U.S. Environmental Protection Agency, 2003.
- U.S. EPA (United States Environmental Protection Agency). 2010. Exhaust and Crankcase Emission Factors for Nonroad Engine Modeling – Compression Ignition. Report NR-009d, EPA420-R-10-018. Assessment and Standards Division, Office of Transportation and Air Quality.
- U.S. EPA (United States Environmental Protection Agency). 2012. Haul Road Workgroup Final Report Submission to EPA-OAQPS. Office of Air Quality Planning and Standards, U.S. EPA, Research Triangle Park, NC, 2012.
- U.S. EPA (United States Environmental Protection Agency). 2014. Compilation of Air Pollutant Emission Factors (AP-42), as updated. Office of Air Quality Planning and Standards, Office of Air and Radiation, U.S. Environmental Protection Agency. Research Triangle Park, NC. Accessed via web-site: http://www.epa.gov/ttn/chief/ap42/index.html.
- U.S. Green Building Council (USGBC). 2007. Leadership in Energy and Environmental Design (LEED) Reference Guide for New Construction. Version 2.2, third edition. U.S. Green Building Council. Washington, DC.
- Vanderburg, S., Weekes, J. and Millson, W. 1995. "Early substance use and its impact on adult offender alcohol and drug problems" Forum on Corrections Research, 7,(1), 14-16.





- Wabigoon Lake Ojibway Nation. 2018. Processing of wild rice at the Kagiwiosa Manomin facility. Accessed at: www.wabigoonlakeon.ca.
- Wataynikaneyap Power. 2014. Project Background. Available: http://www.wataypower.ca/. Accessed: October 14, 2014.
- Watt, W. R., J. A. Baker, D. M. Hogg, J. G. McNicol, and B. J. Naylor. 1996. Forest management guidelines for the provision of marten habitat. Ont. MNR Tech. Ser., Sault Ste. Marie.
- Wilson, A. 2012. Rana catebiana, the American Bullfrog, Alters Advertisement Call Structure in Response to Broadcast Road Noise. Saint Ambrose University. Dated March 27, 2012.
- Wilson, R., Richardson, M. 2013. Lead (Pb) is Now a Non-Threshold Substance: How Does this Affect Soil Quality Guidelines?, Human and Ecological Risk Assessment: An International Journal, 19:5, 1152-1171,
- Wright, D.G., and G.E. Hopky. 1998. Guidelines for the use of explosives in or near Canadian fisheries waters. Can. Tech. Rep. Fish. Aquat. Sci. 2107: iv + 34p.
- WSP. 2014. Railings Storage Facility Alternatives Assessment, Goliath Project (Project No 141-12598-00). Prepared by WSP for Treasury Metals Inc. Dated July 21, 2014.