



## Chapter 11 - List of Abbreviations and Acronyms

**11. LIST OF ABBREVIATIONS AND ACRONYMS**

csv .....	Comma Separated Value File Format
µg/m <sup>3</sup> .....	Micrograms Per Cubic Meter
µm .....	Micrometer (1 x 10 <sup>-6</sup> metres)
ABA .....	Acid Base Accounting
AES .....	Atmospheric and Environmental Service (Environment Canada)
Ag .....	Silver
Al .....	Aluminium
ALO .....	Aboriginal Liaison Officer
ANFO .....	Ammonium Nitrate Fuel Oil
AP .....	Acid Potential
ARD .....	Acid Rock Drainage
ARD/ML .....	Acid Rock Drainage/Metal Leaching
As .....	Arsenic
asl .....	Above Sea Level
ATV .....	All-terrain Vehicle
Au .....	Gold
B&B .....	Bed and Breakfast
Ba .....	Barium
BC MOE .....	British Columbia Ministry of Environment
BC MWLAP .....	British Columbia Ministry of Water, Land and Air Protection
BC/CCME .....	British Columbia/Canadian Council of Ministers of the Environment
Bi .....	Bismuth
BMP .....	Best Management Practices
CACs .....	Criteria Air Contaminants
Carb NP .....	Carbonate Neutralizing Potential
Carb NPR .....	Carbonate Neutralizing Potential Ratio
CCME .....	Canadian Council of Ministers of the Environment
Cd .....	Cadmium
CDA .....	Canadian Dam Association
CEAA .....	Canadian Environmental Assessment Act
CEEA .....	Cumulative Environmental Effects Assessment
CEO .....	Chief Executive Officer
CFA .....	Consolidated Frequency Analysis program
CH <sub>4</sub> .....	Methane
CIA .....	Comprehensive Implement Agreement
CL .....	Cross Lake
CLBI .....	Cross Lake Band of Indians
CMC .....	Carboxymethyl Cellulose
CMP .....	Corrugated Metal Pipe
CO .....	Carbon Monoxide
Co .....	Cobalt

CO <sub>2</sub> .....	Carbon Dioxide
CO <sub>2</sub> e .....	Carbon Dioxide Equivalent (CO <sub>2</sub> + CH <sub>4</sub> + N <sub>2</sub> O expressed as CO <sub>2</sub> )
COI .....	Communities of Interest
COO .....	Chief Operating Officer
COSEWIC .....	Committee on the Status of Endangered Wildlife in Canada
Cr .....	Chromium
CRF .....	Cemented Rock Fill
Cu .....	Copper
CWS .....	Canada-Wide Standards
d/y .....	Days Per Year (365)
DCN .....	Data Communication Network
DF .....	Drift and Fill Mining Method
DFO .....	Department of Fisheries and Oceans
EA Report .....	Environmental Assessment Report
EA .....	Environment Act/Environmental Assessment
EAA .....	Environmental Assessment Act
EALB .....	Environmental Assessment and Licensing Branch
EAP .....	Environmental Act Proposal
EBS .....	Environmental Baseline Study
EC .....	Environment Canada
ECO .....	Executive Council Office
EDS .....	Electron Dispersive Spectroscopy
EEM .....	Environmental Effects Monitoring
EI .....	Employment Insurance
EIA .....	Environmental Impact Assessment
EIS .....	Environmental Impact Statement
EPP .....	Environmental Protection Plan
EWS .....	Engineering Work Station
Fe .....	Iron
FOC .....	Fisheries and Oceans Canada
F.O.S .....	Factor of Safety
g/dscf .....	Grams Per Dry Standard Cubic Foot
g/hr .....	Grams Per Hour
g/t .....	Grams Per Tonne
GDP .....	Gross Domestic Product
GHGs .....	Greenhouse Gases
GMA .....	Game Management Areas
GMZ .....	Game Management Zones
Gov't .....	Government
GPS .....	Geographic Positioning System
GR .....	Grand Rapids, Manitoba
h/d .....	Hours Per Day (24)
HADD .....	Harmful Alteration, Disruption or Destruction
Hg .....	Mercury

HP	Horsepower
IBA	Impact Benefit Agreement
ICP-MS	Inductively Coupled Plasma Mass Spectroscopy
IEE	Internal Environmental Evaluations
INAC	India and Northern Affairs Canada
IPCC	Intergovernmental Panel on Climate Change
ISQG	Interim Sediment Quality Guidelines
ISRM	International Society for Rock Mechanics
k	Hydraulic Conductivity (cm/s)
kg/d	Kilograms Per Day
kph	Kilometers Per Hour (velocity)
KT/y	Kilotonnes Per Year
kW	Kilowatt
kWh	Kilowatt hour
L/s	Litres Per Second
lb/hr	Pounds Per Hour
LME	London Metal Exchange
LOM	Life of Mine
LSA	Local Study Area
m	Metres
M	Million
m/s	Metres Per Second (velocity)
m <sup>3</sup>	Cubic Metres
m <sup>3</sup> /h C	Cubic Metres Per Hour
MCCs	Motor Control Centres
Mg	Million Grams
mg/kg/wk	Milligrams Per Kilogram Per Week
mg/L	Milligrams Per Litre
MgO	Magnesium Oxide
MB	Manitoba
MBG	Manitoba Government
MIA	Master Implementation Agreement
MIBC	Methyl-Isobutyl Carbinol
MIP	Master Implementation Plan
ML	Mineral Lease/Moose Lake Band of Indians/ Moose Lake
MMER	Metal Mining Effluent Regulation
MMF	Manitoba Metis Federation
Mn	Manganese
Mo	Molybdenum
MPa	Megapascals
Mt	Million Metric Tonnes
Mt/y	Million tonnes Per Year
N <sub>2</sub> O	Nitrous Oxide
NAG	Non acid generating

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NAPS .....	National Air Pollution Surveillance Program
NFA .....	Northern Flood Agreement
NFC .....	Northern Flood Committee
NI 43-101 .....	National Instrument 43-101
Ni .....	Nickel
Ni(S) .....	Nickel Sulphide
NO .....	Nitric Oxide
NO <sub>2</sub> .....	Nitrogen Dioxide
NH .....	Norway House
NHCN .....	Norway House Cree Nation
NP .....	Neutralization Potential
NPR .....	Neutralizing Potential Ratio
NSR .....	Net Smelter Return
ODF .....	Overburden Disposal Facility
O <sub>3</sub> .....	Ozone
PAX .....	Potassium Amyl Xanthate
Pb .....	Lead
PDF .....	Portable Document Format
PEA .....	Preliminary Economic Assessment
PEL .....	Probable Effects Level
PIDs .....	Process and Instrumentation Diagrams
PM .....	Particulate Matter
PM10 .....	Inhalable Particulate Matter (<10 µm in diameter)
PM2.5 .....	Respirable Particulate Matter (<2.5 µm in diameter)
PP .....	Polishing Pond
ppb .....	Parts Per Billion (1 x 10 <sup>-9</sup> )
ppm .....	Parts Per Million (1 x 10 <sup>-6</sup> )
ppmv .....	Parts Per Million (by volume)
PRA .....	Process Research Associates
Project .....	Minago Project
PTH 6 .....	Provincial Trunk Highway 6
QA .....	Quality Assurance
QC .....	Quality Control
Qty .....	Quantity
RAs .....	Responsible Authorities
RCMP .....	Royal Canadian Mounted Police
RMA .....	Resource Management Area
rpm .....	Revolutions Per Minute
RSA .....	Regional Study Area
RTC .....	Registered Trapping Concession
S .....	Sulphur
S1-S6 .....	Stream Classification
S <sup>2-</sup> .....	Sulphide
SAG .....	Semi-autogenous grinding

SARA .....	Species At Risk Act
Sb .....	Antimony
SEA .....	Socio-Economic Assessment
SEPA .....	Socio-Economic Participation Agreement
SHMP .....	Sodium hexametaphosphate
SIA .....	Socio-economic Impact Assessment
SL .....	Snow Lake
Sn .....	Tin
SO <sub>2</sub> .....	Sulphur Dioxide
SO <sub>4</sub> <sup>2-</sup> .....	Sulphate
Sobek NP .....	Sobek Neutralizing Potential
Sobek NPR .....	Sobek Neutralization Potential Ratio
SS-WQO .....	Site-specific Water Quality Objectives
STEM .....	Science, Technology, Energy and Mines
t .....	Tonne
t/a .....	Tonnes Per Annum
t/d .....	Tonnes Per Day
t/h .....	Tonnes Per Hour
t/y .....	Tonnes Per Year
Ti .....	Titanium
TK .....	Traditional Knowledge
TKPA .....	Traditional Knowledge Protocol Agreement
TC .....	Transportation Corridors
TSP .....	Total Suspended Particulate matter (< approx 30 m in diameter)
TSS .....	total suspended solids
TWRMF .....	Tailings and Waste Rock Management Facility
UCS .....	Unconfined Compressive Strength
UFA .....	Umbrella Final Agreement
UG .....	Underground
US EPA .....	US Environmental Protection Agency
US .....	Uphole Slashing Mining Method
µm .....	micrometre
VECC .....	Valued Ecosystem and Cultural Component
VMS .....	Volcanogenic Massive Sulphides
VNI .....	Victory Nickel Inc.
VOC .....	Volatile Organic Carbon
VRC .....	Visitor Reception Centre
W .....	Tungsten
Wardrop .....	Wardrop Engineering Inc.
WLAP .....	BC Ministry of Water, Land and Air Protection
Zn .....	Zinc