

Master List of Acronyms and Abbreviations

1D	One-dimensional
2D	Two-dimensional
3D	Three-dimensional
AAFC	Agriculture and Agri-Food Canada
AANDC	Aboriginal Affairs and Northern Development Canada (formerly INAC)
ABA	Acid-base accounting
ABE	Adult Basic Education
adjSNPR	Adjusted sulphide net potential ratio
AEMP	Aquatic Effects Monitoring Plan
AIP	Agreement in Principle
ALS	ALS Environmental Services
ALTS	Adult Learning and Training Supports
AMAP	Arctic Monitoring and Assessment Programme
ANCOVA	Analysis of covariance
ANFO	Ammonium nitrate/fuel oil
ANOVA	Analysis of variance
AP	Acid potential (based on sulphur species)
AQMP	Air Quality Management Plan
AQO	Provincial Air Quality Objective
ARD	Acid rock drainage
ASETS	Aboriginal Skills and Employment Training Strategy
ASTt	Arctic Small Tool tradition
ATV	All-terrain vehicle
Au	Gold (chemical symbol)
AWR	All-weather road
BACI	Before-after-control-impact
BACT	Best achievable control technology

BC	British Columbia
BDL	Below detection limit
Belt, the	The Hope Bay Greenstone Belt
BHP	BHP Minerals Canada Ltd. (now BHP Billiton Inc.)
BIPR	Bathurst Inlet and Road Project
BTF	Biotransfer factor
CAAQS	Canadian Ambient Air Quality Standards
CALPUFF	The California Puff air dispersion model
Cambiex	Cambiex Exploration Inc.
CanNor	Canadian Northern Economic Development Agency
CAPEX	Capital expenditures
CBC	Community Beneficiary Committees
CBoC	Conference Board of Canada
CCELC	Canada Committee on Ecological Land Classification
CCME	Canadian Council of Ministers of the Environment
CDA	Canadian Dam Association
CDO	Career Development Officer
CEA	Cumulative effects assessment
CEA Agency	Canadian Environmental Assessment Agency
CEAP	Canada's Economic Action Plan
CEPA	<i>Canadian Environmental Protection Act</i>
CESCC	Canadian Endangered Species Conservation Council
CFIA	Canadian Food Inspection Agency
CFC	Chlorofluorocarbon
CH ₄	Methane
CHARS	Canadian High Arctic Research Station
CHHAD	Chemical Health Hazard Assessment Division
Chl a	Chlorophyll a
CHR	Community Health Representative
CLARC	Community Lands and Resource Committee
CLO	Community Liaison Officer

DRAFT ENVIRONMENTAL IMPACT STATEMENT

CMC	Canadian Museum of Civilization
Co-op	Co-operative
CO	Carbon monoxide
CO ₂ ; CO _{2eq}	Carbon dioxide; carbon dioxide equivalent
Commercial Lease	Commercial lease no. KTCL313D001
COPC	Constituents of potential concern
COSEWIC	Committee on the Status of Endangered Wildlife in Canada
CPI	Consumer Price Index
CPUE	Catch-per-unit-effort
CRA	Commercial, Recreational, and Aboriginal fisheries
CRF	Cemented rock fill
CRI	Community Readiness Initiative
CWB	Community well-being
CWP	Contact water pond
DDI	Double de-ionized water
DEFZ	Deformation Zone
DFO	Fisheries and Oceans Canada (not Department of Fisheries and Oceans)
DGPS	Differential Global Positioning System
DHSS	Department of Health and Social Services
DIAND	Department of Indian Affairs and Northern Development
DO	Dissolved oxygen
DWQG	Drinking water quality guideline
EA	Environmental assessment
EBSA	Ecologically and biologically significant areas
EC	Environment Canada
ECCC	Environment and Climate Change Canada
EDI	Estimated daily intake
EDMS	Emissions and Dispersion Modeling System
EDO	Economic Development Officer
EEM	Environmental Effects Monitoring
EFAP	Employee and Family Assistance Program

MASTER LIST OF ACRONYMS AND ABBREVIATIONS

EHS	Environment, Health and Safety
EIS	Environmental Impact Statement
ELC	Ecosystem Land Classification
ELDE	Estimated lifetime daily exposure
EMP	Environmental Management Plan
EMS	Environmental Management System
EPP	Environmental Protection Plan
ER	Exposure ratio
ERA	Environmental risk assessment
ERM	ERM Consultants Canada Ltd.
EPCM	Engineering, Procurement and Construction Management
ERT	Emergency response team
EZD	Euphotic zone depth
FANS	Financial Assistance for Nunavut Students
FAO	Food and Agriculture Organization
FCIR	False-Colour Infrared
FEIS	Final Environmental Impact Statement
FHAP	Fish habitat assessment procedure
FLB	Field leach barrel
FMSA	Focused Marine Survey Area
FOS	Factors of safety
F_s	Fraction of year consuming country food
GCL	Geosynthetic clay liner
GDP	Gross Domestic Product (the value added by economic activity, principally composed of personal income and corporate profits)
GHG	Greenhouse Gas
GIS	Geographic information system
GLM	General linear model
GN	Government of Nunavut
GN-CH	Government of Nunavut, Department of Culture and Heritage; previously Government of Nunavut, Department of Culture, Language, Elders and Youth (GN-CLEY)

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GN DOE	Government of Nunavut Department of Environment
GPS	Global Positioning System
GWP	Global Warming Potential
HBML	Hope Bay Mining Ltd.
HBVB	Hope Bay Volcanic Belt
HDPE	High density polyethylene
HHRA	Human health risk assessment
Hope Bay Gold	Hope Bay Gold Corporation Inc.
HP	High pressure
HQ	Hazard quotient
HR	Human Resources
HTO	Hunters and Trappers Organization
HWM	High water mark
ICRP	Interim Mine Closure and Reclamation Plan
IEAC	Inuit Environmental Advisory Committee
IIAB	Inuit Impacts and Benefits Agreement
IDW	Inverse Distance Weighting
IF	Inflow
IBA	Important bird area
IIBA	Inuit Impact and Benefit Agreement
ILCR	Incremental Lifetime Cancer Risk
INAC	Indian and Northern Affairs Canada (currently known as AANDC)
inorg NP	Inorganic carbon neutralization potential
IOL	Inuit-owned Land
IPCC	International Panel on Climate Change
IPG	Institution of Public Government
IPJ	Inline pressure jig
IPO	Initial public offering
IQ	Inuit Qaujimajatuqangit
IR	Information request
IRIS	Integrated Risk Information System

ISQG	Interim sediment quality guideline
ISSG	Invasive Species Specialist Group
ITK	Inuit Tapiriit Kanatami
IUCN	International Union for Conservation of Nature
JECFA	Joint FAO/WHO Expert Committee on Food Additives
JHA	Job Hazard Assessment
KMHS	Key Marine Habitat Site
KMTS	Key Terrestrial Habitat Site
KIA	Kitikmeot Inuit Association
KRWB	Kitikmeot Regional Wildlife Board
LH	Long-hole
LHO	Local Housing Organization
LOAEL	Lowest observable adverse effect level
LOM	Life of mine
LP	Low pressure
LRT	Long range transport
LSA	Local Study Area
MAAT	Mean annual air temperature
MB	Megabyte
masl	Metres above sea level
mbgs	Metres below ground surface
MDA	Method Detection Limit
MDL	Method detection limit
MEA	Mineral Exploration Agreement
MEND	Mine Environment Neutral Drainage
MHBL	Miramar Hope Bay Limited
MiHR	Mining Industry Human Resource Council
Miramar	Miramar Mining Corporation
ML	Metal leaching*
MLA	Member of the Legislative Assembly
ML/ARD	Metal leaching/acid rock drainage

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MMER	Metal Mining Effluent Regulations
MOE	Ministry of Environment
MOMB	Marine outfall mixing box
MOU	Memorandum of understanding
MRL	Minimal risk level
MSDA	Mine Surface Development Area
MSDS	Material Safety Data Sheets
MVEIRB	Mackenzie Valley Environmental Effect Review Board
MVLWB	Mackenzie Valley Land and Water Board
MSC	Meteorological Services of Canada
MSDS	Material Safety Data Sheet
n	Sample size
N₂O	Nitrous Oxide
NAC	Nunavut Arctic College
NBCC	Nunavut Business Credit Corporation
NBS	Nunavut Bureau of Statistics
NCP	Northern Contaminants Program
NDEDT	Nunavut Department of Economic Development and Transportation
NEAS	Nunavut Eastern Arctic Shipping
NEDS	Nunavut Economic Development Strategy
NGO	Non-governmental organization
NGMP	Nunavut General Monitoring Program
NHC	Nunavut Housing Corporation
NHS	National Household Survey
NIRB	Nunavut Impact Review Board
NLUP	Nunavut Land Use Plan
NNLP	No Net Loss Plan
NO_x	Nitrogen oxides
NOAEL	No observed adverse effect level
NP	Neutralization potential measured or calculated
NPC	Nunavut Planning Commission

NPR	Net potential ratio (ratio of NP to AP)
NPRI	National Pollutant Release Inventory
NRCan	Natural Resources Canada
NSA	Nunavut Settlement Area
NSR	Net smelter return
NSRT	Nunavut Surface Rights Tribunal
NSSI	Nunavut Sealift and Supply Inc.
NTCL	Northern Transportation Company Limited
NTDB	National Topographic Database
NTEP	Nunavut Teacher Education Program
NTI	Nunavut Tunngavik Inc.
NTKP	Naonaiyaotit Traditional Knowledge Project
NTCL	Northern Transportation Company Ltd.
NTI	Nunavut Tunngavik Incorporated
NTU	Nephelometric Turbidity Unit
NU	Nunavut
NWB	Nunavut Water Board
NWHS	Nunavut Wildlife Harvest Study
NWMB	Nunavut Wildlife Management Board
NWT	Northwest Territories
O₃	Ozone
OGV	Ocean-going vessel
OHF	Oil handling facility
OMS	Operation, Maintenance and Surveillance
OPEP	Oil Pollution Emergency Plan
OPEX	Operating expenditures
OPPP	Oil Pollution Prevention Plan
ORNL	Oak Ridge National Laboratory
PAD	Permanent alteration or destruction (a direct loss or alteration of fish habitat)
PAG	Potentially acid-generating

PAH	Polycyclic Aromatic Hydrocarbon
PASS	Passive Air Sampling System
PAX	Potassium Amyl Xanthate
PCP	Pollution control ponds
PDA	Potential Development Area
PEL	Probable effects level
PFS	Pre-feasibility study
PHRS	Public Housing Rent Scale
PIT	Passive Integrated Transponder
PL	Production lease
PM	Particulate matter
PM ₁₀	Particulate matter with a diameter less than 10 micrometres (µm)
PM _{2.5}	Particulate matter with a diameter less than 2.5 micrometres (µm)
PMP	Probable Maximum Precipitation
POP	Persistent organic pollutant
PPV	Peak particle velocity
PRISM	Program for Regional and International Shorebird Monitoring
Project (the)	The Hope Bay Project
Property (the)	The Hope Bay Property
PTDI	Provisional tolerable daily intake
PTWI	Provisional tolerable weekly intake
PVC	Polyvinyl chloride
Q2	Second quarter
QA/QC	Quality assurance and quality control
QEC	Qulliq Energy Corporation
QIA	Qikiqtani Inuit Association
RAF	Relative absorption factor
RCMP	Royal Canadian Mounted Police
RDL	Realized detection limit
RfD	Reference dose
RH	Relative humidity

RIA	Regional Inuit Association
RIC	Resource Inventory Committee
RMWI	Recommended Maximum Weekly Intake
RNFB	Revised Northern Food Basket
ROQ	Run-of-quarry
RPD	Relative percent difference
RSA	Regional Study Area
RRSP	Registered Retirement Savings Plan
SAO	Senior Administration Officer
SAP	Sulphide acid potential (AP based on sulphide [% sulphide-sulphur × 32.25])
SARA	<i>Species at Risk Act</i> (2002)
SE	Standard error
SEL	Sound exposure level
SEMC	Socio-economic Monitoring Committee
SEMP	Socio-economic Monitoring Program
SERP	Surface Emergency Response Plan
SFE	Shake flask extraction leachate test
SHIM	Sensitive habitat inventory methodology
SIDS	Sudden Infant Death Syndrome
SLR	Sublevel long-hole retreat
SME	Small to medium-sized enterprise
SME	Soil mapping unit
SNPR	Sulphide net potential ratio (NPR calculated with AP based on sulphide [bulk NP / SAP])
SO ₂	Sulphur dioxide
SOP	Standard Operating Procedure
SOPEP	Shipboard Oil Pollution Emergency Plan
sp.	Species
SPF	Skills and Partnership Fund
SRK	SRK Consulting (Canada) Inc.

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STOL	Short take-off and landing
SUDI	Sudden Unexpected Death in Infancy
SWE	Snow water equivalent
TAH	Total allowable harvest
TBT	Tributyltin
TD	Tumorigenic dose
TDI	Tolerable daily intake
TDS	Total Dissolved Solids
TEA	Transboundary effects assessment
THA	Task hazard assessment
TIA	Tailings Impoundment Area (for Doris)
TIN	Triangulated irregular network
TK	Traditional knowledge
TKN	Total kjeldahl nitrogen
TMA	Tailings Management Area (for Boston)
TMAC	TMAC Resources Inc.
TNP	Tuktu Nogait Project
TOC	Total organic carbon
TRIM	Terrain Resource Information Management
TRV	Toxicity reference value
TSP	Total suspended particulate (not TSS)
TSX	Toronto Stock Exchange
UCF	Unconsolidated fill
UCLM	Upper confidence limit of the mean
UD	Utilization distribution
UERP	Underground Emergency Response Plan
UF	Uncertainty factor
UN	United Nations
uPAG	Uncertain potential for acid generation
US EPA	United States Environmental Protection Agency
USL	Upper safe level

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UTM	Universal Transverse Mercator
VEC	Valued Ecosystem Component
VOC	Volatile organic compound
VSEC	Valued Socio-economic Component
VSI	Vertical shaft impactor
WAD Cyanide	Weak Acid Dissociable Cyanide
WHIF	Wetland Habitat Inspection Form
WHO	World Health Organization
WIR	Winter ice road
WKSS	West Kitikmeot/Slave Study
WMO	World Meteorological Organization
WRP	Waste rock pile
WRR	Winter road route
WTP	Water treatment plant
WWCA	Water and Wildlife Compensation Agreement
XRD	X-ray diffraction
XRF	X-ray fluorescence
YOY	Young-of-the-year
ZOI	Zone of influence

** Note context: ML is used to denote million litres in some sections.*

Units of Measurement

°C	degree Celsius
µg	microgram
a	annum
BTU	British thermal units
cfm	cubic feet per minute
dB	decibel
dm ²	square decimetre (equal to 100 square centimetres)
DWT	deadweight tonnage
Ga	giga annum (billion years)
g/t	grams per tonne
h	hour
H	horsepower
ha	hectare
K	hydraulic conductivity
kg	kilogram
km; km/h	kilometre; kilometres per hour
kt	kilotonne
kVA	kilovolt-amperes
KW	kilowatt
L	litre
Ma	mega annum (million years)
mg	milligram
m; mm	metre; millimetre
ML	million litres (also used to abbreviate Metal Leaching)
Mt	megatonne (million tonnes)
MW; MWh/yr	megawatt; megawatt hours per year
N	newton
ppb	parts per billion
ppt	parts per trillion
t	tonne
tpd	tonnes per day
V	volt
ww	wet weight