

ACRONYMS AND ABBREVIATIONS

Terminology used in this document is defined where it is first used. The following list will assist readers who may choose to review only portions of the document.

%	Percent
°C	Degrees Celsius
μ	Micro (10 ⁻⁶)
3D	Three-dimensional
AAFC	Agriculture and Agri-Food Canada
AANDC	Aboriginal Affairs and Northern Development Canada
ACCI	Area of Critical Community Interest
AIA	Archaeological Impact Assessment
AIR	Application Information Requirements
AL	Aleutian Low Pressure Cell
ALS	ALS Environmental
AMS	American Meteorological Society
APEGBC	Association of Professional Engineers and Geoscientists of British Columbia
Application / EIS	Application for an Environmental Assessment Certificate / Environmental Impact Statement
BACT	Best Achievable Control Technology
BAFA	Boreal Altai Fescue Alpine
BC	British Columbia
BC CDC	British Columbia Conservation Data Centre
BC EAO	British Columbia Environmental Assessment Office
BC EAA	British Columbia <i>Environmental Assessment Act</i> (2002)
BC ILMB	British Columbia Integrated Land Management Bureau
BC MELP	British Columbia Ministry of Environment, Lands, and Parks
BC MEM	British Columbia Ministry of Energy and Mines
BC MENG	British Columbia Ministry of Mines, Energy and Natural Gas

BC MFLNRO	British Columbia Ministry of Forests, Lands and Natural Resource Operations
BC MOE	British Columbia Ministry of Environment
BC MOF	British Columbia Ministry of Forests
BC MOTI	British Columbia Ministry of Transportation and Infrastructure
BCWWA	BC Water & Waste Association
BEC	Biogeoclimatic Ecosystem Classification
BMP	Best Management Practice
BRFN	Blueberry Rivers First Nations
C	Carbon
Ca	Calcium
CCME	Canadian Council of Ministries of the Environment (Federal)
CCME-A	CCME (Canadian Soil Quality Guidelines for Protection of Environmental and Human Health), Agricultural Limits
CCME-I	CCME (Canadian Soil Quality Guidelines for Protection of Environmental and Human Health), Industrial Limits
CEAA 2012	<i>Canadian Environmental Assessment Act, 2012 (2012)</i>
CCR	Coarse Coal Rejects
CEA Agency	Canadian Environmental Assessment Agency
CMA	Coastal Mountain-heather Alpine
CN Rail	Canadian National Railway
CNSC	Canadian Nuclear Safety Commission
COSEWIC	Committee on the Status of Endangered Wildlife in Canada
CSR	Contaminated Sites Regulation (BC Reg. 375/96)
CSR-I	Contaminated Sites Regulation (BC Reg. 375/96), Industrial Criteria
CSR-L	Contaminated Sites Regulation (BC Reg. 375/96), Livestock Criteria
DC LRMP	Dawson Creek Land and Resource Management Plan
DFO	Department of Fisheries and Oceans
DRFN	Doig River First Nation
EA	Environmental Assessment
EAC	Environmental Assessment Certificate
EADS	Environmental Assessment Decision Statement

EAO	Environmental Assessment Office
EC	Environment Canada
EIS	Environmental Impact Statement
EMP	Environmental Management Plan
ENSO	El Niño Southern Oscillation
EPCM	Engineering, procurement, construction, and maintenance
e-PIC	BC EAO's Project Information Centre http://a100.gov.bc.ca/appsdata/epic/html/deploy/epic_home.html
EPT	Ephemeroptera, Trichoptera, and Plecoptera (benthos communities)
ERM Rescan	ERM Consultants Canada Ltd.
ESSB	Explosives Safety and Security Branch
FN	First Nation
FNFN	Fort Nelson First Nation
g	Acceleration due to gravity
GCM	Global Climate Model
GDP	Gross Domestic Product
GED	General Education Degree
GHG	Greenhouse Gas
GJ	Gigajoule
ha	Hectare
HD Mining	HD Mining International Ltd.
HHG	Huiyong Holding Group
HLFN	Horse Lake First Nation
HRFN	Halfway River First Nation
Hwy	Highway
IDF	Intensity-duration-frequency
IPCC	Intergovernmental Panel on Climate Change
ISQG	Interim Sediment Quality Guidelines
k	Kilo (10 ³)
ka BP	Kilo-annum (thousands of years) before present
Kennecott	Kennecott Coal Exploration Inc.
KLCN	Kelly Lake Cree Nation

KLMSS	Kelly Lake Metis Settlement Society
km	Kilometre
LOM	Life of Mine
LRMP	Land and Resource Management Plan
LSA	Local Study Area
LTCC	Longwall Top Coal Caving method
m	milli (10 ⁻³) or metre
m³/a	Cubic metres per annum
m³/d	Cubic metres per day
m³/h	Cubic metres per hour
M	Earthquake magnitude used by the Richter scale
M	Million or Mega (10 ⁶)
MAP	Mean Annual Precipitation
masl	Metres above sea level
mbgs	Metres below ground surface
MAT	Mean annual temperature
Mg	Magnesium
ML/ARD	Metal leaching/acid rock drainage
MLIB	McLeod Lake Indian Band
mm	Millimetres
MMER	Metal Mining Effluent Regulations (SOR/2002-222)
MNBC	Métis Nation of British Columbia
MOU	Memorandum of Understanding
MPMO	Major Projects Management Office
MRC	Mine Review Committee
MSC	Meteorological Service of Canada
MSDA	Mine Site Development Area
Mt	million tonnes
Mtpa	Million tonnes per annum
N	Nitrogen
Na	Sodium

NDT	Natural Disturbance Type
NOAA	National Oceanic and Atmospheric Administration
NRCan	Natural Resources Canada
NTU	Nephelometric turbidity units
P	Phosphorus
PCIC	Pacific Climate Impacts Consortium
PDO	Pacific Decadal Oscillation
PGA	Peak Ground Acceleration
PGL	Pottinger-Gaherty Environmental Services Ltd.
PMT	Peace Moberly Tract
PNG	Pacific Northern Gas
ppm	parts per million
PRC	Peace River Coalfield
PRFN	Prophet River First Nation
PRRD	Peace River Regional District
PRT	parameter regression technique
Q	Discharge
Q_n	Discharge return period, where “n” is years
QRT	quantile regression technique
Quintette	Quintette Coal Limited
R	Risk of an event being exceeded
RDPA	Regulations Designating Physical Activities (SOR/2012-147)
Rescan	Rescan Environmental Services Ltd. (now ERM Rescan)
RIC	Resource Inventory Committee (currently known as the Resource Information Standards Committee)
RISC	Resource Information Standards Committee (previously known as the Resource Inventory Committee)
ROM	Run-of-mine
ROW	Right-of-way
RSA	Regional Study Area
SARA	<i>Species at Risk Act</i> (2002)
SFN	Saulteau First Nation

SMU	Soil mapping unit
SMU-A	Anthropogenic soil mapping unit
SMU-C	Colluvial soil mapping unit
SMU-F	Fluvial soil mapping unit
SMU-GF	Glaciofluvial soil mapping unit
SMU-M	Morainal soil mapping unit
SMU-O	Organic soil mapping unit
SOI	Statement of Intent
SST	Sea Surface Temperature
T8	Treaty 8
T8TA	Treaty 8 Tribal Association
TC	Transport Canada
TEM	Terrestrial Ecosystem Mapping
TFW	Temporary Foreign Worker
TK/TU	Traditional Knowledge/Traditional Use
TL	Typical longwall method
tpa	Tonnes per annum
tpd	Tonnes per day
T_R	Return period. Also known as a recurrence interval. An estimate of the likelihood of an event to occur.
TRIM	Terrain Resource Inventory Mapping
TSS	Total suspended solids
UTM	Universal Transverse Mercator
USGS	United States Geologic Survey
V	Volt
VC	Valued Component
WMB	Wildfire Management Branch
WMFN	West Moberly First Nation
WSC	Water Survey of Canada
WTP	Water Treatment Plant