082G055

Vegetation Map
082G055

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - MFLNRS / Ownership
Base Map Source: TRIM / Terrain

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. Digitized Feature June 2016.

Labels Projected for January 1, 2016

MAP SYMBOLOGY

Forest Inventory Polygons:
- Forest Vegetation Polygons
- Structure Opening in Vegetation
- Permanent Sample Plot (1970)
- Research Installations

TRIM_Base Feature+:
- Buff Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroads
- Ski Parkes
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- NV Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land Claim Boundary
- Administrative boundary
- Survey Parcels - Terrain
- Municipal boundary in 1:200,000 file (15 % hatch)
- Municipal boundary in 1:200,000 file (no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- MCSS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Crown Closure Class Code - separated by /
Site Index / Site Series / Structure / Stocking / Mgmt Code
a. Dominant Layer (if multi-layered stand)
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (5-15%), SI 20m
b. Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
c. Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

opening numbers valid for BCGS mapsheet — *none* - opening number has not been assigned

Line 2 - Polygon No. / Multi-Layer

VRIMS Polygon Number - ranging from one to nine digits
X, Multi-layered stand (a separate description of each layer is available in the data base, i.e. 1.2)

Line 3 - BC Tree Code List

Species Composition: Species are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

Ba	Balsam, Bal Cedar
Y	CYPRESS
Y	YELLOW-CEDAR
Y	YELLEAETH
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bg	Grand Fir
Bg	Grand Fir
B	Subalpine Fir (alpina)
Bl	Alpine Fir
Hm	Mountain Hemlock
Hw	Western Hemlock
H	HEMLOCK - Western Hemlock hybrid
H	HEMLOCK
J	Rocky Mtn. Juniper
J	Juniper, Juniper
L	LARCH
La	Alpine Larch
Lw	Western Larch
Lt	Western Larch
P	PINE
Pl	Lodge Pole
Pl	Lodge Pole
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coast)
Py	Ponderosa Pine (yellow)
Pw	White Pine
Pw	Western White Pine
Pa	Whitebark Pine
Pf	Limber Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
S	White Spruce
Sx	Spruce hybrid
Sxw	Sitka x White
Sxl	Sitka x white hybrid
Sx	Sitka
Te	Western Yew

NATIVE HARDWOODS

A	ALDER
Ac	Alder, Sitka
U	APPLE
U	Apple, Crab Apple
X	ASPEN, COTTONWOOD or POPLAR
At	Poplar
Ato	Aspen, Trembling
Act	Black Cottonwood
Ax	Hybrid Poplars
Ep	Poplar, Balsam
Bg	BIRCH
Ba	Alaska
Bp	Paper Birch
Bpa	Alaska Paper Birch
Bpa	Alaska Paper Birch hybrid
Bpc	Kenai Birch
Bpk	Kenai Birch
K	OAK/ARA
Q	OAK
Vb	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
D	DOGWOOD
Dr	Dogwood, Creeping (western flowering)
M	MAPLE
Mb	Maple, Bigleaf (broadleaf)
Mv	Vine Maple
E	ELM
Ep	Elm, Rock
Ew	Elm, Slippery
Ey	Elm, Slippery
Ep	Elm, Rock
Ew	Elm, Slippery
Ey	Elm, Slippery

EXOTICS

XP	APPLE
XH	ASH
XH	ASPEN, COTTONWOOD or POPLAR
Xm	Northern Cottonwood
Xb	BIRCH
Xe	European Birch
Xk	Kamchatka (Japanese)
Xc	Heavy Bark Birch
XH	CHERRY
Xv	Cherry, Mazzard
Y	CYPRESS
Yo	*Port Orford Cedar
Yn	*Nootka Cypress
Y	*Sitka Cypress
Ys	Nootka Fir
Yt	*Western Red Fir
Ym	*Mtn. Fir
L	LARCH
Lk	*Eastern Larch
Lj	*Siberian Larch
MAPLE	
Mm	*Manchu Maple
Mn	*Norway Maple
Ms	*Sycamore Maple
O	OAK
Or	*English Oak
Qw	*White Oak
P	PINE, EXOTICS
Ps	*Scotch Pine
Pn	*Red Pine
Pa	*Austrian Pine
S	SPRUCE
Sn	*Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-120
7	121-140
8	141-200
9	201 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 28.4
4	28.5 - 37.4
5	37.5 - 45.4
6	46.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0 - 5
1	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX

All SI estimated to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant layer (if multi-layered stand). If the dominant layer age and height estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees aren't present, e.g. young stands (<50yrs). It is denoted by a tram which always points uphill. Estimated SI values are inherited from the Total Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I leading codes)

NON-TREED SHRUB
- d SHRUB TALL — shrub with average shrub height > or = to two metres.
- s SHRUB — shrub with average shrub height < two metres.

NON-TREED HERB
- he HERB — herb with no distinction between forbs and graminoids.
- hf HERB - FORBS — herb with forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS — herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
- bs BRYOID — bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS — bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHENS — bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED
- R Exposed Land
- rs Rock / Soil
- s Snow / Ice

NON-VEGETATED CATEGORIES (for X and I (non-veg) codes)

ae	AGGREGATE PIT	mv	MUDFLAT SEDIMENT
w	BARROW	ou	RUBBLY MINE SPOILS
b	BLOCKFIELD	m	OCEAN
c	CANYON	r	RIVER
s	SCARP/CLIFF/ESCARPMENTS	p	POND or LAKE SEDIMENTS
os	OUTWASH	m	OPEN RT MINE
t	TALUS/SCREE/ROCKSLIDES		
g	GLACIER		
rm	RESERVOIR MARGIN		
m	RAILWAY SURFACE		
n	RIVER SEDIMENTS		
s	SALT MARSH		
t	TAILINGS		
w	TAILINGS		
r	STREAM		

Note: Water categories (eg ou, m, r) not labelled over 10 ha present coverage.

NON-FOREST - NON PRODUCTIVE DESCRIPTOR CODES (for F leading)

A	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FOREST (Krummholtz)	NPBR	NON PRODUCTIVE BRUSH
C	CLIFF	NPBRT	NON PRODUCTIVE TREES
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST (Species
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE
I	ICE (GLACIER)	O	OPEN FOREST
ICE	ICEFIELD	P	PASTURE
M	MEADOW	R	ROCK
MUD	MUD FLAT	S	SNOW
SAND	SAND		
TIDE	TIDAL FLAT		
U	URBAN		
NCL	NON COMMERCIAL		
NCBR	NON COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NSR	NOT SUFFICIENTLY RESTOCKED		
NTA	NOT TYPED/AVAILABLE		

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

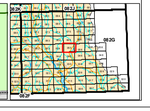
A	Animal Damage	L	Logging
D	Disease	M	Mist Damage
I	Insects	N	Non-Disease Injuries
		P	Cone and Seedling Fungal Pathogens
		S	Site Rehabilitation
		T	Treatment/ Injuries
		U	Damage Unknown
		V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either ArcMap or ArcMap. The MapView example is of the themed RESULTS data.

The Ministry of Forests, Mines and Lands web application http://www.for.gov.bc.ca/hts/ contains detailed information. Select the SILVICULTURE tab then click on "Survey Silviculture Map" to turn on display values for:
- OPENING
- OPENING LABELS
- SILVICULTURE PLANNING ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH





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