Vegetation Map
082N018

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometres

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS© 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 display on a specific paper size and to a specific scale. Some features may not be displayed at all scales and the contrast may not be acceptable and up to date (Cutblock, administrative boundaries and the Ownership colour theme are for reference purposes only. Cutprint iterrative June 2014).

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Denudate Opening or Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

TRIM, Base Features:
- Rough Rocks
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Hydro Lines
- Pipelines
- Buildings
- Misc Areas
- Misc Lines
- Power Lines
- Hydrodrainlines - ESRI
- Watercourses - ESRI
- Waterbodies - ESRI
- Wetlands - ESRI
- Glacier - ESRI

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MoF Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Surveys
- Municipal boundary (> 1:1000,000 No. - 15 % halo)
- Municipal boundary (< 1:1000,000 No - no halo)
- National Parks
- Fire Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1. Polygon Number and Opening Number
2. Polygon Number and multi layer stand indicator (L)
3. Species Composition
   - Species composition layer is described as Fd (Douglir Fir) and Hw (Western Hemlock)
   - Age, Height, Crown Closure Class Code - separator . S by meter submitted to 0
     ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6.1-10%), SI 20m
4. Biogeoclimatic Unit - ESSF dk1 (Engelmann Spruce - Subalpine Fir)
   ex. a herb polygon with no distinction between herbs and graminoids, shrubs less that 2m.
5. Disturbance History & year - ex. Logged in 1979

Line 1 - History Record Opening Number

opening number valid for BCGS mapsheet / none — opening number has not been assigned

Line 2 - Polygon No. / Multi layer

VRIMS Polygon Number - assigned from ute to mine digits
L Multi-layered stand (a separate description of each layer is available in the data base, i.e. 1.2)

Line 3 - BC Tree Codes (Up to 7)

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 Codes List" version 4.4 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	Yellow Cedar
H	HEMLOCK
Hw	Western Hemlock
Fd	Douglas Fir
F	FIR (Balsam)
Bl	Subalpine Fir
Sx	Hybrid Fir
Pl	PINE (All Species)
Pw	White Pine
Hm	Western Hemlock
Hmx	Mountain Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Ju	Rocky Mtn. Juniper
Js	Sabeena Juniper
L	LARCH
La	Alpine Larch
Lw	Western Larch
P	PINE
Pl	Lodge Pole Pine
Pa	Whitebark Pine
Pf	Limber Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (Interior)
Pxj	Hairy Pine (cross)
Pyc	Ponderosa Pine
Pw	Whitebark Pine
S	SPRUCE
Se	Black Spruce
Sx	Engelmann Spruce
Sxb	Hybrid Spruce
Sw	White Spruce
Sxl	Sitka x Engelmann hybrid
Sxw	Engelmann x White
Ss	Sitka Spruce
Sxs	Sitka x Lutz/Alaska hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

A	ALDER
D	Red Alder
Sa	Sitka Alder
At	Pacific Green Alder
Ax	ALDER (UNKNOWN) or POPLAR
Ax	Poplar
Ac	Black Cottonwood
Ac	Black Cottonwood
Ax	Hybrid Poplars
Ep	Trembling Aspen
E	ARBUTUS
Ba	Arbutus
Bg	BIRCH
Bp	Water / Kenai Birch
Bpx	Paper x White Birch hybrid
Ba	Paper Birch (white)
Bg	Gray Birch
K	DOGWOOD
Kc	Cascara
Kp	Pacific
Kr	Eddo Dogwood
G	GARRY OAK
Gb	Alo Garry
Gg	Garry Oak
Gs	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broad Maple (broadleaf)
Mv	Vine Maple
O	OAK
Or	Red Oak
W	WILLOW
Wa	Willow (Arctic)
Wp	Pacific Willow
Wr	Peach-leaf Willow (Bebb's/r)
Wrr	Peach-leaf Willow (Bebb's/r)
Ws	Scouler's Willow
Wy	Yellow Willow (Hooker)

UNKNOWN - OTHER

F	UNKNOWN
H	UNKNOWN Conifer
Z	UNKNOWN Hardwood
Z	OTHER (tree not on list)
Z	Other Conifer
Zh	Other Hardwood

EXOTICS

X	APPLE
Xp	APPLE
Ax	ALDER, COTTONWOOD or POPLAR
Ac	*Southern Cottonwood
Ep	*Aspen
Ep	European Birch
Bp	*Paper (White) Birch
Bp	*Yellow Birch
Y	CHERRY
Yp	*Pin Cherry
Yt	CHERRY
Yb	*Bird Cherry Cedar
Lk	*Japanese Larch
Lx	*Hybrid Larch
Lk	*Japanese Larch
Bh	*Alaska Red Fir
Fg	*Grand Fir
L	LARCH
Lt	*Tamarack Larch
Lx	*Hybrid Larch
Lw	*Western Larch
M	MAPLE
Mr	*Norway Maple
Mp	*Planetree Maple
O	OAK
Qe	*English Oak
Qp	*Pin Oak
Q	OTHER EXOTICS
Qs	*Siberian Cedar
Pa	*Austrian Pine
Pn	*Black Pine
Pr	*Red Pine
Pp	*Scots Pine
Pp	*Ponderosa Hybrid
Pp	*Swiss Pine
Pp	*Swiss Pine
Pp	*Eastern White Pine
Pp	*Western White Pine
Pp	*Hybrid Pine
Ps	*Sitka 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	101-140
7	141-250
8	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 13.4
3	13.5 - 16.4
4	16.5 - 19.4
5	19.5 - 22.4
6	22.5 - 25.4
7	25.5 - 28.4
8	28.5 - 31.4
9	31.5 - 34.4
0	34.5 - 37.4
1	37.5 - 40.4
2	40.5 - 43.4
3	43.5 - 46.4
4	46.5 - 49.4
5	49.5 - 52.4
6	52.5 - 55.4
7	55.5 - 58.4
8	58.5 - 61.4
9	61.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 5
2	6 - 10
3	11 - 20
4	21 - 30
5	31 - 40
6	41 - 50
7	51 - 60
8	61 - 70
9	71 - 80
0	81 - 90
1	91 - 100

4d SITE INDEX

All SI values for the natural stands referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. Site index curves are based on ages and height combined SI is shown after or maybe may be.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands (<30yrs). It is denoted by a label which always begins with a letter and is followed by a number. Site Index Curves and SI Estimation are available.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I in cards)

H	HERBS (forbs)	shrubs with average shrub height < or = to two metres.
S	SHRUB LOW	shrubs with average shrub height > two metres.
	NON-VEGETATED	
H	HERB	herb with no distinction between forbs and graminoids.
H	HERB - FORBS	herb with forbs > 50% of the herb cover.
H	HERB - GRAMINOIDS	herb with graminoids > 50% of the herb cover.

NON-TREED SHRUB

Sc	SHRUBS
Sm	SHRUB MOSS
S	SHRUB - GRAMINOIDS

brush with no distinction between moose and kinnery by cover.
moss with shrubs present and moss > 50% of the brush cover.
brush with kinnery > 50% of the brush cover.

NON-VEGETATED CATEGORIES (for V and I in cards)

R	ROCK	m	SNOW/ICE PERM
T	TALUS	mc	BUDDY SNOW DRIFTS
B	BLOCKFIELD	o	OCEAN
Bm	BOULDERS	w	WATER
E	EXPOSED AREA	r	RIVER/STREAM
G	GUTSNW	s	RESERVOIR
Gr	GRAVEL		

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for E records)

AF	ALPINE FOREST Species	NP	NON PRODUCTIVE BRUSH
C	CUTOVER	NPBR	NON PRODUCTIVE BURN
CL	CLEARING	NPDS	NON PRODUCTIVE Open Species
G	GRASS, BAR	NPX	NOT TYPING AVAILABLE
GR	GRAVEL PIT	OR	OPEN RANGE
GS	GRASS	R	ROCK
M	MEADOW	RW	ROAD/WAY
MS	MUSKEG	SWAMP	

Line 6 - Disturbance History

Disturbance type code preceeded 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
B	Burning	N	Natural Damage
C	Core and Sand Insects	O	Non Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
	(conifers)		
	(hardwoods)		

R	Site Rehabilitation
S	Stand Tending
U	Damage Unknown
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF (or RASMap). The MapView example is of forest RESULTS data.

The Ministry of Forests, Mines and Lands web application MapView can be used to view this and other information. Select the INFO ICON (or hold the mouse down on "Display Silviculture Map" to turn on display values for:-

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
ROAD
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels