Vegetation Map
082L019

Scale 1:20,000

1 Kilometers
0 0.25 0.5 0.75
0 0.5 1
0.25 0.5 Miles

Vegetation Data Source : MFLNRO - VRIMS © 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 approximations and may not represent surveyed data.

Land Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Factors:
- Forest Vegetation Polygons
- Stocktake Opening in Vegetation
- Permanent Sample Plot (2015)
- Research Installations

TRIM - Base Features:
- 4x Dual Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf ields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodrainlines - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- RMLNRO Region boundary
- Resource District boundary - FADM
- Sub Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrains
- Municipal boundary (1:1,000,000 Tol - 12 % Inch)
- Municipal boundary (1:250,000 Tol - no % Inch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- NTS/BCGS Map sheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Stockcheck symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Crown Closure (Only stand layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
Age, Height, Crown Closure Class Code - separator - Site Index / estimated SI?
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Species Composition (Only stand layer is described) - separator - Site Index / estimated SI?
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Opening Number:
- opening number valid for BCGS map sheet
- opening number has not been assigned

Line 2 - Polygon No. / Multi-layer:
VRIMS Polygon Number - ranging from one to nine digits
A Multi-layered stand (a separate description of each layer is available in the data base, i.e. 1.2)

Line 3 - SIC Tree Codes List:
The following species codes 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
- F EUSSI
- Cw Western Red Cedar
- Y PACEN
- Yc Yellow Cedar
- F DOUGLAS FIR
- Fd DOUGLAS FIR
- Fdc Coastal Douglas Fir
- Fdi Interior Douglas Fir
- Lw WESTERN LARCH
- Ba Alpine Fir
- B ABIES
- Bl Subalpine Fir (alpine)
- Bg Grand Fir
- Bc Balsam Hemlock
- Hw Western Hemlock
- Hm Mountain Hemlock (mertensia hybrid)
- J JUNIPER
- Jr Rocky Mtn. juniper
- Jc Common Juniper
- L LARCH
- La Subalpine Larch
- Lt Tamarack
- Lt Western Larch
- P PINE
- Pl Lake Pine
- Pa Alpine Pine
- Pf Lodgepole Pine
- Pli Lodgepole Pine (interior)
- Plc Lodgepole Pine (coastal) SEINE
- Pj Pacific Pine (Jack)
- Pp Shore Pine (coast)
- Pw Western White Pine
- Pm Whitebark Pine
- Br Black Spruce
- Sb Black Spruce
- Sx White Spruce
- Sw White Spruce
- Se Engelmann x White
- Sxl Sitka x White
- Sxw White x Lutz hybrid
- T YEW
- Tw Western Yew

NATIVE HARDWOODS
- D ALDER
- Dr Red Alder
- Da Sitka Alder
- Dm Pacific Crab Apple
- A ASPEN, COTTONWOOD or POPLAR
- At Trembling Aspen
- Act Black Cottonwood
- Ap Balsam Poplar
- Apt Trembling Aspen
- Ax Hybrid Poplar
- Ae Aspen
- Ab Alaska Paper Birch
- Ebp Alaska x Paper Birch hybrid
- Ep Paper Birch (white)
- Eb Water Birch
- K CASCARA
- C DOGWOOD
- Cf DOGWOOD
- Vb Bitter Cherry
- Vc Choke Cherry
- Vf Fire Cherry
- Vp Pin Cherry
- Vp Pacific Dogwood (western flowering)
- Ep Red Birch
- Ep Ripple Maple (bigleaf)
- Mv Vine Maple
- Q OAK
- Qg Garry Oak
- W WILLOW
- Wp Pacific Willow
- Wa Pacific Willow
- Wb Barclay Willow (barclay's)
- Wd Peace Willow (peace willow)
- Wr Rocky Mtn. Willow
- Ws Sitka Willow (Sitka Mountain)

UNKNOWN - OTHER
- X UNKNOWN
- Xh unknown hardwood
- Xc unknown conifer
- Xm Other (alder, cottonwood etc)
- Zz other hardwood

EXOTICS
- AP Apple
- Ax HYBRID COTTONWOOD or POPLAR
- Bm Northern Golmbianski BIRCH
- Ep Paper Birch
- Ew Silver Birch (swamp)
- Ey Yellow Birch
- Ls Scots Pine
- Ps Sweet Cherry
- Pu Purple Osier
- Sl Red Osier Dogwood
- Ss Sitka Mountain Ash
- Sw Siberian Larch
- Ss Scots Pine
- Ss Western Red Fir
- Ss Yellow Fir
- LARCH
- Lk Japanese Larch
- Lk Siberian Larch
- MAPLE
- Mb Bigleaf
- Mn Norway Maple
- Mr Red Maple
- OAK
- Qb Northern Oak
- Qr White Oak
- OTHER EXOTICS
- Ch Horse Chestnut
- Ca Black Walnut
- Cc Cascara
- Cr Red Osier Dogwood
- Ea Eastern Cottonwood
- Ew Eastern Flm (southern)
- Ew Elm
- Og Oregon Ash
- Ow Ohio Buckeye
- Ot Tamarack Hybrid
- Ot Tree of Heaven
- Ww Western White Pine
- WILLOW
- Wn Niobrara Pine
- Wp Pussy
- Wp Tassel Pine
- SPRUCE
- Ss Norway Spruce

Line 4:

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-100
5	101-120
6	121-140
7	141-250
8	251 +

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 - 46.4
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
Site index is the average tree height attained at 50 years. Where height is in metres and age at breast height of the leading species. When an actual site SI cannot be obtained from sample trees, estimated SI values may be used.

4e. ESTIMATED SITE INDEX
Estimated site index is the site index value that would prevail, e.g. post-planting or fill-in. It is denoted by a dash which always precedes it. Associated fields in the data base are inventory type and SI estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I polygons)

NON-TREE SHRUB
- S SHRUBS - shrub with average shrub height 1 m or is less than 4 metres.
- d SHRUB LOW - shrub with average shrub height 1 but metres

NON-TREE HERB
- H HERB - herb with no distinction between forbs and graminoids.
- Hf HERB - FORBS - herb with more than 50% of the herb cover.
- Hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREE SHRUB
- Sj SHRUBS - shrub with no distinction between shrubs and trees by cover.
- Sm SHRUB - MOSS - shrub with more than 50% of the shrub cover.
- Sl SHRUB - LICHEN - shrub with lichens > 50% of the shrub cover.

NON-VEGETATED CATEGORIES (for V and I polygons)

ar	ROCK	ms	MUD/FLAT SEDIMENT	mr	RESERVOIR MARGIN
au	ESCPT	mu	RUBBLE MINES SPOILS	mr	RADIANT SURFACE
b	BOULDERFIELD	o	OCEAN	n	RIVER SEDIMENTS
bl	BOULDERS	o	OCEAN	n	SNOW & GLACIERS
bu	RUBBLE/CLAYS	o	SNOW COVER	s	TALUS
cl	CUTBANK	o	OPEN PIT MINE	t	TAILINGS
d	DEBRIS/SOILS	r	RIVER / STREAMS	u	URBAN
fa	TALUS/SCREE				

Note: these categories for cc, w, n recommended over W polygons

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F / non-veb)

AF	ALPINE FOREST	SAND	SAND
ALPINE FOREST Species	TEC	TOOL FLAT	
C	CULTIVATED	U	URBAN
G	GRASS		
GL	GRASS/LAWN		
GR	GRAVEL PIT	NON CO-MMERCIAL	
M	MEADOW	NCBR	NON CO-MERCIAL BRUSH
W	WOODY	NP	NON PRODUCTIVE
WL	WOODLOT	NPBR	NOT SUITABLE/RESTOCKED
		NPA	NOT FOREST/UNPRODUCTIVE

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
C	Cutting	N	Non-Biotic Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seeding Fungal Pathogens
I	Insects		
R	Site Rehab/Abation		
S	Silviculture		
S	Damage Unknown		
V	Problem Vegetation		

Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application "MapView" is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Selected Records" to turn on displayed values for:

OPENING
OPENING LABELS
SILVICULTURE BASE ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels