BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
082L032

Scale 1:20,000

0 0.25 0.5 0.75 Kilometres
0 0.5 1.0 Miles

Vegetation Data Source: VRI (MSI) - VRIM3 - Ownership
Base Map Source: TRIM / Terrain

This map is created from information stored digitally in the BC Geographic Warehouse. This map has been structured to support the analytical functions of the Ministry of Forests, Lands and Natural Resource Operations. The information contained on this map is derived from a number of sources and is subject to change. It is not to be used or relied upon for reference purposes only. Legend becomes June 2016.

Update Prepared To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Factors+
- Forest Inventory Polygons
- Structure Opening Vegetation
- Permanent Sample Plot (PSP)
- Research Installations

TRIM Base Features+
- Airfield Points
- Forest Service Road Lines
- Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Rail Lines
- Other Grids
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Spot Elevations - 2.5M
- Watercourses - 2.5M
- Waterbodies - 50M
- Wetlands - 50M
- Ocean - 50M

Administrative Boundaries
- BC Provincial Boundary
- NR DMS Region boundary
- Resource District boundary - 1M
- BC Regional boundary - 1M
- Provincial Forest area - 1M
- Timber Supply Area Block - 1M
- Tree Farm Licence - 1M
- Land Act Dispositions
- Administrative boundary
- Survey Parcels - Tenure
- Municipal boundary
- Municipal Boundary of 1,000,000 for 1:1M Scale
- Municipal boundary of 50,000 for 1:50K Scale
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Recreational Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label

LINE 1 SI 50 EP1/Pl30
1 Structure(s) symbol and Opening Number
2 Species Composition (Species and Layer Symbol Indicators)
3 Species Composition
a.) the most important layer is identified as Fd (Douglas Fir) and the (Western Hemlock) and Pl (Lodgepole Pine) are the species in the second layer (Pl30).
b.) stand is age class 2 (21-40 yrs), height class 1 (0.1-10.0m), crown closure class 1 (0.1-25%), SI 23m
5 Vegetated Density Class (or Non Forest/Productive Descriptor)
6 Stocking Status (Regeneration Assessment Status) and percentage, shrubs less than 2m.
7 Disturbance History (Line 3 - Layer 4 of 5)

Line 1 - History Record Opening Number

opening number used for BCGS mapsheet ; opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

Unique Polygon Number - assigned from one to nine digits.
a. Multi-layered stand is separate description of each layer is available in the data base, i.e. 1,2)

Line 3 - BC Tree Code List

Species Composition Symbols are ranked in their order of predominance. Major first three or brackets. The following codes are based on "The BC Ministry of Forests Tree Code List" version 4.4 dated January 2009.

NATIVE CONIFERS
Ac Alaska Yellow-cedar
Ag Grand Fir
Ay Yellow Cypress
Ba Subalpine Fir
Bg Coastal Douglas Fir
Bl Subalpine Fir x Lowland Fir
Bm Amabilis Fir
Bp Pacific Silver Fir
Bv Balsam (Amabilis Fir x Subalpine Fir)
Cw Western Redcedar
Dr Mountain Hemlock
Fd Douglas Fir
Fdc Coastal Douglas Fir
Fdi Interior Douglas Fir
Fdx Douglas Fir x Interior Douglas Fir
Hm Mountain Hemlock
Hw Western Hemlock
Lt Tamarack
Lw Western Larch
Pa Whitebark Pine
Pf Limber Pine
Pfa Limber Pine x Whitebark Pine
Pl Lodgepole Pine (Contorta)
Plc Lodgepole Pine (Coastal)
Pli Lodgepole Pine (Interior)
Plx Pl (Coastal) x Pl (Interior)
Pw Western White Pine
Py Ponderosa Pine
Sb Bl/Sx
Se Engelmann Spruce
Sw Sx/Bl
Sx Sitka Spruce
Sxb Sx/Se/Bl
Sxe Engelmann x White
Sxl Sx/Se/Lw
Sxs Sitka x Interior Hybrid
Yc Yellow-cedar

NATIVE HARDWOODS
Ac Black Cottonwood
Ad Red Alder
Ag Arbutus
At Pacific Crab Apple
Ax Trembling Aspen x Black Cottonwood
Ba Bebb Willow
Bb Black Cottonwood
Bg Scouler Willow
Bl Subalpine Fir
Bp Paper Birch (white)
Br Red Birch
Bs Sitka Birch
Bw Water Birch
Ep Paper Birch (white)
Ew Swamp Birch
Ey Yellow Birch
Gb Garry Oak
Hx Hardwood
Mb Bigleaf Maple
Pl Lodgepole Pine
Pli Lodgepole Pine (Interior)
Pr Red Alder
Pw Western White Pine
Py Ponderosa Pine
Qg Garry Oak
Qx Oregon White Oak
Sb Bl/Sx
Sw Sx/Bl
Sx Sitka Spruce
Sxb Sx/Se/Bl
Sxe Engelmann x White
Sxl Sx/Se/Lw
Sxs Sitka x Interior Hybrid
Vb Black Cottonwood
Vp Balsam Poplar
Vt Trembling Aspen
Wb Bebb Willow
Wd Douglas Willow
Wp Pacific Willow
Ws Scouler Willow
Ww Western Willow
Wy Yellow Willow

EXOTICS
Ba Balsam
Bn Norway (LOTTORWOOD or POPLAR
Bt Northern Cottonwood
Ep Poplar
Ew European Birch
Fb Grand Fir
Fd Douglas Fir
Fdc Coastal Douglas Fir
Fdi Interior Douglas Fir
Hw Western Hemlock
Lt Tamarack
Lw Western Larch
Pa Whitebark Pine
Pf Limber Pine
Pl Lodgepole Pine
Plc Lodgepole Pine (Coastal)
Pli Lodgepole Pine (Interior)
Pw Western White Pine
Py Ponderosa Pine
Sb Bl/Sx
Se Engelmann Spruce
Sw Sx/Bl
Sx Sitka Spruce
Sxb Sx/Se/Bl
Sxe Engelmann x White
Sxl Sx/Se/Lw
Sxs Sitka x Interior Hybrid
Yc Yellow-cedar

OTHER SPECIES
Ch Chestnut
Cp Cascara
Dg Dogwood
Ds Saskatoon
Ep Paper Birch
Ew Swamp Birch
Ey Yellow Birch
Hg Hawthorn
Hx Hardwood
Mb Bigleaf Maple
Pl Lodgepole Pine
Pli Lodgepole Pine (Interior)
Pr Red Alder
Pw Western White Pine
Py Ponderosa Pine
Qg Garry Oak
Qx Oregon White Oak
Sb Bl/Sx
Sw Sx/Bl
Sx Sitka Spruce
Sxb Sx/Se/Bl
Sxe Engelmann x White
Sxl Sx/Se/Lw
Sxs Sitka x Interior Hybrid
Vb Black Cottonwood
Vp Balsam Poplar
Vt Trembling Aspen
Wb Bebb Willow
Wd Douglas Willow
Wp Pacific Willow
Ws Scouler Willow
Ww Western Willow
Wy Yellow Willow

UNKNOWN - OTHER
x UNKNOWN
Xc Unknown Conifer
Xh Unknown Hardwood
Xl Unknown Larch
Xp Unknown Pine
Xs Unknown Spruce
Xx Unknown Tree

Line 4

4a. AGE CLASS

CODE	AGE (YRS) (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-120
7	121-140
8	141-250
9	251 +

4b. HEIGHT CLASS

CODE	HEIGHT (metres)
1	0.1 - 10.4
2	10.5 - 13.4
3	13.5 - 16.4
4	16.5 - 17.4
5	17.5 - 19.4
6	19.5 - 22.4
7	22.5 - 25.4
8	25.5 +

4c. CROWN CLOSURE CLASS

CODE	CANOPY (percentage)
2	0 - 5
3	6 - 10
4	11 - 25
5	26 - 33
6	34 - 40
7	41 - 50
8	51 - 60
9	61 - 70
A	71 - 80
B	81 - 100

4d SITE INDEX
Site index may be derived from reference to 50 years for Interior species, 50 years for Douglas-fir, and 100 years for all other species. Where accurate site index is unknown, a site class may be used. Site class is a range of site index values.

4e. ESTIMATED SITE INDEX +
Estimated site index is used where no site index presently exists. Estimated site index is derived from site class or site series. Estimated site index is made based on inventory data and local knowledge of site productivity.

Line 5 - Vegetated Non-Tree Codes

VEGETATED NON-TREE CATEGORIES (line 5 and 7 use only)

NON-TREES BARREN
- BE BARREN ELSE - shrub with average shrub height <1 m & tree height <4 m and average shrub height <2 m and cover
- BI BARREN ICE/SNOW

NON-TREES GRASS
- GL GRASS - LOWER - herb with no distinction between tame and graminoids.
- GU GRASS - UPPER - herb with no distinction between tame and graminoids.

NON-TREES SHRUBS
- SL BARREN SHRUBS - shrub with no distinction between browse and willow by cover.
- SU BARREN SHRUBS - shrub with no distinction between browse and willow by cover.

NON-VEGETATED CATEGORIES (line 5 and 7 use only)

AF ALPINE FIRN	GL GLACIER	RO ROCK OUTCROP	RS RIVER/STREAM
AI ALPINE ICE	GP GLACIER PERENNIAL SNOW	RS RIVER/STREAM	SI SNOW/ICE
AS ALPINE SNOW	GS GLACIER SNOW	SA SALT	SL SALT/MARSH
BE BEDROCK	L LANDING	SC STONE	SL SALT/MARSH
CB CLIFF BANDS	LA LAKE/RIVER SEDIMENTS	SE SEDIMENTS	SW SWAMP
CL CLIFFS	LB LAKE/RIVER SEDIMENTS	SI SNOW/ICE	TA TALUS
DW DEBRIS WASH	LS LAKE/RIVER SEDIMENTS	SL SALT/MARSH	
GL GLACIER			

NON-FOREST / NON-PRODUCTIVE DESCRIPTORS (line 5 - second descriptor)

AF ALPINE FIR/BEF Alpine	MANG NON-PRODUCTIVE BROAD	RIVR NON-PRODUCTIVE RIVER	SAND SAND
AP ALPINE Alpine	MANS NON-PRODUCTIVE SHRUB	ROAD NON-PRODUCTIVE ROAD	TALC TALUS
CL CLIFF BAND	MF1 NON-PRODUCTIVE FOREST Alpine	RSER NON-PRODUCTIVE RIVER/STREAM	TIDE TIDAL FLAT
CLIF CLIFFS	MH NON-PRODUCTIVE HERB	SALT SALT	WATR WATER
DW DEBRIS WASH	URB URBAN	SEDI SEDIMENTS	
GLAC GLACIER			

Note: these categories (ie. nr, s, m) overlap over tenure coverage.

Line 6 - Stocking Status

Stocking Status Code (S) is denoted by symbol, followed by symbol data.
First character of disturbance type designates category, refer to official codes list for sub-category descriptions.

A	Animal Damage	L	Logging
B	Brushing	M	Mine Damage
C	Cone and Seed Insects	N	Non-Forest Cover Injuries
D	Disease	O	Cone and Seeding Fungal Pathogens
F	Fire		

P	Fire Retardant/Slurry
T	Treatment Injuries
W	Weather Damage
X	Multiple Agents/Injuries

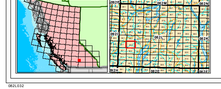
Example Opening History Details

Detailed Structure information is available on the BCGW (Data Catalogue) - The Base Feature name is: WHSE_FOREST_VEGETATION.RSLT_OPENING_SVW

The Ministry of Forests, Mines and Lands web application "Results Search" can be used to find a specific opening number. Select the ACTIVITY/TYPE tab then click on "Display Structure Map" to turn on display values for :-

OPENING
OPENING LABELS
OPENING ACTIVITY/TYPE
ACTIVITY TREATMENT UNIT
BLOCK/CUTBLOCK
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH





Overflow Labels