Vegetation Map
092H043

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

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 approximate and should not be used for boundary definition purposes.

Created (Exported) for: January 1, 2016

MAP SYMBOLOGY

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

TRIM_Base Features:
- 4x Built Roads
- Forest Service Road Local
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Fences
- Other lines
- Powerline
- Pipelines
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Aq-Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- FLNRO Region boundary
- Resource District boundary - FADM
- Bio- Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (> 1,000,000 ha - 1% % fetch)
- Municipal boundary (< 1,000,000 ha - no fetch)
- National Parks
- First 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 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
ex. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock)
4 Age, Height, Crown Closure Class Code - separator ' Site Index / estimated SI
ex. Age class 4 (61-80 years) Height class 3 (13.0 - 16.0 m) Crown closure class 5 (6-10%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
7 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

opening number valid for BCGS mapsheet — 'XXXX' - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine 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 Code Line 1

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 4.6 dated January 2008.

NATIVE CONIFERS

Ba	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
Ylk	CEDAR Hybrid
Pw	Western White Pine
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Pli	Pli Lodgepole Pine
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Balsam
Hm	Mountain Hemlock
Hw	Western Hemlock
Hmh	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulor Juniper
Lw	Larch
Lt	Alpine Larch
Lw	Western Larch
Lt	Alpine Larch
Pa	Whitebark Pine
Pfb	Limber Pine
Plc	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Pp	Ponderosa Pine (yellow)
Pw	Western White Pine
Pyb	Intermediate Pine
Pyb	Intermediate Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Spruce Hybrid
Sxb	Spruce x Black
Sxw	Spruce x White
Sxx	Sitka x unknown hybrid
Ss	Sitka Spruce
Yp	Yellow Cedar

NATIVE HARDWOODS

D	DECIDUOUS
Dr	Red Alder
Dl	APPLE
Dm	Pacific Crab Apple
Dp	ASPEN, CUTTONWOOD or POPLAR
Dpp	Aspen
Dpb	Black Cottonwood
Dpa	Balsam Poplar
Dpt	Trembling Aspen
Dw	Willow
Dx	Hybrid
Dxa	Aspen x Poplar Hybrid
Dxb	Balsam x Black Hybrid
Dxc	Black Cottonwood (western)
Dxe	Aspen Birch
Dxp	Poplar Hybrid
Dxw	Cottonwood
Dy	Yellow Birch
Dg	Bitter Cherry
Dgp	Pin Cherry (Bird)
Dgu	Choke Cherry
Dh	DOGWOOD
Dhn	Pacific Dogwood (western flowering)
Dn	MAPLE
Dnb	Douglas Maple (broadleaf)
Dm	Vine Maple
Dr	ALDER
Drs	Sitka Alder
Dw	WILLOW
Dwa	Pacific Willow
Dwb	Bebb Willow (Beaked)
Dwd	Scouler Willow (gray leaved)
Dwh	Hooker Willow
Dwp	Sitka Willow (late leaved)

UNKNOWN - OTHER

U	UNKNOWN
Un	unknown conifer
Ud	unknown hardwood
Ux	unknown (conifer or hd)
Z	OTHER
Zh	other hardwood

EXOTICS

A	ASPEN, CUTTONWOOD or POPLAR
Ab	Black Cottonwood
Abc	Balsam
Ay	European Birch
Ayp	Paper (White) Birch
Ay	Yellow Birch
Ayp	Paper (White) Birch
Vs	Sweet Cherry
Vy	Bird Cherry
Vp	Pin/ Choke Cherry
Vu	Choke Cherry
Bb	Basket Fir
Bn	Noble Fir
Bs	Straka Maple
Bt	Norway Fir
Ln	Larch
Lk	Japanese Larch
Lx	Hybrid Larch
M	MAPLE
Mb	Norway Maple
Mb	Norway Maple
Mp	Sycamore Maple
Mr	Red Maple
Mv	Vine Maple
O	OTHER EXOTICS
Oa	Green Ash
Oc	Chanti Bacunda
Oc	Cricket Redwood
Oe	Common Alder Alnt
Oe	Siberian Elm (southern)
Oe	Elm (Siberian)
Og	Oregon Ash
Oo	Other exotic
Or	Throughout History
Os	Tree-of-Heaven
Ot	Tree-of-Heaven
P	PINE
Pa	Monterey Pine
Pr	Red Pine
Ps	Scots Pine
Ppu	PRUCE
Psy	Norway Spruce

Line 4

4a. AGE CLASS

CODE	AGE (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 +

4a.SITE INDEX
SI 20 at base age 50 (or nearest metric reference) at 50 years
Mean Height (Ht) - SI is based on the age and height of the tallest trees in the stand. Site index is the average height these trees would reach at age 50 if undisturbed in a mature state, or reasonable like SI.

4b. HEIGHT CLASS

CODE	HEIGHT (metres)
1	0.0 - 10.4
2	10.5 - 16.4
3	16.5 - 22.4
4	22.5 - 28.4
5	28.5 - 34.4
6	34.5 - 40.4
7	40.5 - 46.4
8	46.5 - 52.4
9	52.5 - 58.4
0	58.5 +

4b. ESTIMATED SITE INDEX
SI is estimated when unable to measure stand (stand <5 m). Estimated SI is based on the species, site series, and biogeoclimatic zone/subzone in accordance tables in the data base or timeless. Use timber and SI estimates sparingly.

4c. CROWN CLOSURE CLASS

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

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES: (6a.V and I records)

NON-TREED SHRUB
- SB - SHRUB BIRCH — shrub with average shrub height > or = to two metres
- SW - SHRUB OTH — shrub with average shrub height < two metres

NON-TREED HERB
- H - HERB — herb with no distinction between forbs and graminoids.
- HF/G - FORBS / GRAMINOIDS — herb with forbs > 50% of the herb cover
- HG - HERB - GRAMINOIDS — herb with graminoids > 50% of the herb cover

Eg. SW/H/20

- SW/H/20M — brush with no distinction between mosses and lichens by cover.
- SB/H/DC - WOOD — brush with mosses, liverworts, and hornwort > 50% of the brush cover.
- SW/H/LC - LICHEN — brush with lichens > 50% of the brush cover.

NON VEGETATED CATEGORIES: (6a.V and I records)

AP	AIRPORT	GP	GRAVEL PIT	mu	MUD FLAT SEDIMENT
BE	BEACH	I	ICE	mv	MUD FLAT VEGETATED
BL	BLOCKFIELD	la	LAKE	ro	ROCK OUTCROPS
BR	BARREN	lk	LAKE SEDIMENTS	rs	ROCK SEDIMENTS
BU	BURNED AREA	lv	POND or LAKE SEDIMENTS	sl	SALINE
CL	CLEARING	m	MUD FLAT	sn	SNOW COVER
EA	EXPOSED EARTH	MI	MEADOW	TA	TALUS
LA	LAKE/RV			WA	WATER - STREAM

Note: Water categories (la, la, la, m) will labelled over 50 percent coverage

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

AF	ALPINE FOREST	Species	NPBR	NON-PRODUCTIVE BRUSH	
BR	BARREN		NPBU	NON-PRODUCTIVE BURN	
CL	CUT BANK		NPFO	NON-PRODUCTIVE FOREST	Sparse
G	GRASS, BAR		NTA	NOTYPING AVAILABLE	
GL	GLACIER		OW	OPEN WATER	
ICE	ICEFIELD		P	HAYFIELD	
MUD	MUDFLAT		S	SEEDING	
MUD	MUDFLAT		S	SWAMP	

NC	NON COMMERCIAL		
NCB	NON COMMERCIAL BROKEN		
NP	NON PRODUCTIVE		
NPC	NON PRODUCTIVE CHOKED		
NTA	NOTYPING AVAILABLE	TIDE	TIDAL FLAT

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	R	Site Rehabilitation
B	Burning	N	Non-Forest	S	Silviculture
C	Cone and Seed Insects	O	Other Biological Injuries	U	Damage Unknown
D	Diseases: Trees	P	Cone and Seedling Fungal Pathogens	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 themed RESULTS data.

The Ministry of Forests, Mines and Lands web application "Map Place" can be used to display Opening information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for :

OPENING ID
OPENING LABELS
OPENING - PLANTING ACTIVITY
OPENING - SILVICULTURE UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH

Overflow Labels