Vegetation Map
092I098

Ministry of Forests, Mines and Land
Natural Resource Operations

Scale: 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.5 1 Miles

Vegetation Data Source: MFLNRO - VRMS Ownership
Base Map Source: TRIM / Terrabc

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been re-plotted to meet specific requirements and may not be accurate for other purposes. Information shown on this map is approximate, portrayed may not be complete and up to date. Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features
- Forest Vegetation Polygons
- Shrub/low Opening or Vegetation
- Permanent Sample Plot (SYA)
- Research Installations

TRIM - Base Features:
- 4x Rural Roads
- Forest Service Road Line
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Power Line
- Other lines
- Powerline
- Pipeline
- Aerial Cable
- Marine Lines
- Main Lines
- Water Lines
- Island/Islets/Skerry - 1:5M
- Watercourses - 1:50M
- Waterbodies - 1:5M
- Wetlands - 1:5M
- Ocean - 1:5M

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FAZM
- MoF Region Compartment - FAZM
- Provincial Forest area - FAZM
- Timber Supply Area Block - FAZM
- Tree Farm Licences - FAZM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1,000,000 sq - 10 % tiads)
- Municipal boundary (> 1,000,000 sq - no tiads)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

1 2 3 4 5 6
1 Stratum/Layer symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
as the most important layer is described as Fd (Douglas Fir) and the (Western Hemlock)
4 Age, Height, Crown Closure Class Code - separator - Site Index / estimated SI
5 Vegetation Cover Code (or Non-Forest/Non-Productive Descriptor) - separator - Density Class 1 (5-15%), 2(16-25%), 3(26-35%), 4(36-50%), 5(51-70%), 6(71-100%)
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 :
VRMS 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. 7.2)

Line 3 - BC Tree Code List :
Species Composition: Species are listed in their order of predominance. Major first Minor in brackets.
Species Codes/Descriptions based on "Trees and Shrubs of Forest, Tree Cutting and Land Clearing Interest" dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Yc	Yellow Cedar
J	JUNIPER
Cp	Creeping Juniper
Ch	Chaparral Pea
Pa	Pacific Yew (Western Yew)
P	PINE
Pl	Lodgepole Pine
Pw	Western White Pine
Pf	Whitebark Pine
Pa	Limber Pine
Pm	Mountain Hemlock
Hw	Western Hemlock
Hm	Mountain Hemlock Hemlock hybrid
F	FIR
Fd	Douglas Fir
Fa	Amabilis Fir
Fl	Alpine Fir
Lw	Western Larch
L	LARCH
Le	Lyall's Larch
Ls	Subalpine Larch
S	SPRUCE
Sx	Hybrid Spruce (Interior)
Se	Engelmann Spruce
Sw	White Spruce
Sb	Black Spruce
Ss	Sitka Spruce
Sxs	Hybrid Spruce
Sx	Spruce hybrid
Sxw	Spruce White
Sxl	Spruce Lutzii
Sxb	Spruce Black
Y	YEW

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka Alder
Dx	ALDER - RED ALDER or SITKA ALDER
Ac	Poplar
At	Trembling Aspen
Ac	Poplar - Hybrid
Ep	Trembling Aspen
B	BIRCH
Bp	Paper Birch
Bg	Alaska Paper Birch
Bpg	Paper Birch - Alaska hybrid
Bb	Water Birch
C	CASCARA
Cc	Cascara
E	ELM
Eu	Elm (Unspecified)
H	CRAB APPLE
Hx	Crabapple
M	MAPLE
Mb	Broadleaf Maple (Bigleaf)
Mv	Vine Maple
O	OAK
Or	Garry Oak
Ob	Oregon White
Ow	Oregon Unspecified (western flowering)
Dw	Dogwood White (Bunchberry)
Dr	Dogwood Red (Red Osier)
Ds	Dogwood Shrub (Pacific)
Dx	Dogwood Hybrid (Red Osier Western)

UNKNOWN - OTHER

X	UNKNOWN
Xc	Unknown Conifer
Xh	Unknown Hardwood
Xx	OTHER (time not on list)
Xs	Shrub Unspecified
Xg	Grass

EXOTICS

Ax	ALDER
Axm	Alder - GOTTSWOOD or POPLAR
Axp	Alder - Italian Cottonwood
Ba	Birch
Be	European Birch
Bpe	Paper Birch (European)
Cr	Hawthorn
Cs	Cherry
Ys	Sweet Cherry
Yt	Cherry Tree
Ya	Ash
Ye	Ash (European)
Yw	Mountain Ash
Ew	Rowan Tree
Yn	Norway Ash
Ys	Swedish Ash
Yo	Oregon Ash
Lw	LARCH
Lx	Hybrid Larch
Lk	Japanese Larch
Mx	Box Elder
Mn	Norway Maple
Mp	Sycamore Maple
Qa	Poplar
Qw	"Eurpean Oak
Qr	"Red Oak
Qx	"Oak - Chestnut
Qs	"Oak - Sessile
Qm	"Oak - Mongolian Oak
Qc	"Oak - Chinkapin Oak
Qn	Common Pear
Qp	Pear
Qo	Ornamental Cherry
Qj	Japanese Walnut
Qw	Walnut
Pn	Norway Pine
Pj	Japanese Pine
Pp	Pear
Pc	Chestnut
Pt	Tamarack Species

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	141-160
9	161 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0 - 9.9
2	10.0 - 19.4
3	19.5 - 29.4
4	29.5 - 37.4
5	37.5 - 44.9
6	45.0 - 52.4
7	52.5 - 64.4
8	64.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 5
2	6 - 15
3	16 - 25
4	26 - 35
5	36 - 50
6	51 - 70
7	71 - 90
8	90 - 95
9	96 - 100
Tp	Tr - 100

4d SITE INDEX
SI is an estimate of the expected mean reference at 50 years breast height age. SI is based on the age and height of the dominant and co-dominant trees in the stand. Site index curves are not of height, combined in a visual utility. A detailed list of...

4e. ESTIMATED SITE INDEX
SI is an estimate of the expected mean reference at 50 years breast height age. SI is based on the age and height of the dominant and co-dominant trees in the stand. Site index curves are not of height, combined in a visual utility. A detailed list of...

Line 5 - Vegetation records :

VEGETATED NON-TREE CATEGORIES (for 5 and 7 records)

H	HERBS
S	SHRUB TEC
Hs	HERBS - SHRUBS

shrub with average shrub height 1 m + by tree metres.
shrub with average shrub height 1 less metres

NON-TREED HERB

H	HERB
Hg	HERB - GRASS
Hs	HERB - GRAMINOIDS

herb with no distinction between herbs and graminoids.
herb with graminoids > 50% of the herb cover.

NON-TREED SHRUB

Sh	SHRUB
Sd	SHRUB - DECIDUOUS
Se	SHRUB - EVERGREEN

shrub with no distinction between trickles and richens by scrub
shrub with deciduous > 50% of the shrub cover.
shrub with broadleaf > 50% of the shrub cover.

NON-VEGETATED CATEGORIES (for 6 and 7 records)

Ba	BARREN	Ma	MUDFLAT SEDIMENT
Bl	BOULDER	Mo	MUDFLAT ORGANIC
Bm	BOULDERFIELD	Mp	MUDFLAT PEAT
Bc	BOORSCAPE	O	OTHER
Bs	BOULDERSCAPE	Rb	RIVER BANK GRAVEL
C	CUTBANK	Rg	RIVER GRAVEL
Cl	CLIFFS	Rs	RIVER SAND
Cr	CLIFFS/ROCK	Rx	RIVER SURFACE
E	ESKER	S	SAND
G	GLACIER	Sd	SAND DUNES
I	ICE	Sh	SHORELINE
L	LANDING	Ss	SNOW
Ls	LANDING GRAVEL SEGMENTS	Sp	SPOIL
Lv	LANDING VEG	Ta	TALUS
M	MARSH	Tf	TALUS FINE

Note: Water categories (ie. w, s) must attached over 50 percent coverage.

Wa	WATER
Wb	WATER - BOG
Wf	WATER - FEN
Wm	WATER - MARSH
Ws	WATER - SWAMP
Wt	WATER - TIDAL
Wp	WATER - PONDS
Wr	WATER - RIVERS
Wl	WATER - LAKES

NON-PRODUCTIVE DESCRIPTOR CODES (for 7 records)

A	ALPINE	MRE	NON-PRODUCTIVE BRUSH
AF	ALPINE FOREST Species	MRS	NON-PRODUCTIVE SHRUB
AT	ALPINE TREE	MT	NON-PRODUCTIVE FOREST Species
CLE	CLEARING	OC	OPEN CONIFEROUS
DE	DENSE FIT	OH	OPEN RANGE
DS	DENSE SHRUB	R	ROCK
M	MEADOW	RE	RECENT
MH	MEADOW HERB	RO	ROCK

TEA	TIDAL FLAT
TEM	TIDAL MARSH
NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NCT	NON COMMERCIAL TREES
NP	NOT APPROPRIATE/RESERVED
NVR	NO FOREST RESERVED

Line 6 - Disturbance History
Disturbance Type code (indicated 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	Burn	N	Wild Damage
C	Cone and Seed Insects	O	Other Damage Agents
D	Deciduous Insects	P	Cone and Seedling Fungal Pathogens
F	Fire/Ice	R	Site Rehabilitation
		T	Treatment Injuries
		W	Weather Damage
		X	Problem Vegetation

Example Opening History Details
Detailed Disturbance 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, RESULTS, provides access to this and other information. Select the RESULTS/FREE tab then click on "Display Openings" to display the RESULTS viewer for:
- OPENING
- OPENING LABELS
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- SILVICULTURE BLOCK
- SILVICULTURE FOREST COVER
- MIDLIFE TREE PATCH

Overflow Labels