Vegetation Map
092H003

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / 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 display specific information and is one of many views that could be generated from the available data. Some information portrayed may not be complete and/ or 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
- Structure Opening in Vegetation
- Permanent Sample Plot (2015)
- Research Installations

TRIM, Base Features:
- Sub-Surface Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf arms
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeat/Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV 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 (1:1,000,001 to 1:10,000,000 = 15 % hatch)
- Municipal boundary (1:1,000,000 %s - no hatch)
- 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:

Line1 DESCRIPTION
1 Opening Number and Opening Number
2 Polygon Number and multi-layer stand indicator (U,)
3 Species Composition
ex. the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock)
4 Age, Height, Crown Closure Class Code - separated by a / (ex 7 / 4 / 3 = estimated SI)
5 Vegetated Density Code (ex. P = Productive Forest, T = Treed, Minimum stocked 7.5-15%, SI 20m)
6 Vegetated Density Class (or Non-Forest/Productive Description)
ex. a forb polygon with no distinction between forbs and graminoids, shrubs less that 2m
7 Disturbance History & year - ex Logged in 1979

Line 1 - History Record Opening Number

OPEN - opening number valid for RESULTS inspected
ZOOP - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRMS Polygon Number - ranging from one to nine digits
U - Multi-layered stand (as separate descriptions of each layer is available in the data base, i.e. 1,2)

Line 3 - BC Tree Code List

The following species codes are ranked in their order of predominance. Major first Minor in brackets.
Tree Species codes are based on "Table 6.2, Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	Cypress
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bl	Subalpine Fir
Bg	Grand Fir
Bi	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hmh	Mountain / Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mountain Juniper
Js	Savaine Juniper
L	LARCH
Lt	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole x Jack Pine Hybrid
Pm	Mountain Pine Pine
Pw	Shore Pine (coastal)
Pw	Western White Pine
Pp	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Spruce Hybrid
Sxb	Spruce Hybrid - Boreal
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Sx	Spruce
Yp	Western Yew

NATIVE HARDWOODS

A	ALDER
Dr	Red Alder
Ds	Sitka Alder
Ep	Pacific Dark Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Act	Balsam Poplar
Ahf	Black Cottonwood
Ax	Trembling Aspen
Ac	Trembling Aspen
Ba	Arbutus
Bg	Garry Oak
Ew	Water x Paper Birch hybrid
Ebp	Alaska x Paper Birch hybrid
Ep	Paper Birch (White)
Ew	Water Birch
K	CASCARA
Kc	Cascara
D	DOGWOOD
Dw	Pacific Dogwood
Yc	Choke Cherry
Ye	Bitter Cherry
G	GOOSEBERRY
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Or	Oregon Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Ww	Peachleaf Willow (Bonsky's)
Wr	Pussy Willow (gray-haired)
Wy	Scouler's Willow
Wf	Sitka Willow (low-leaved)

UNKNOWN - OTHER

X	unknown conifer
Xh	unknown hardwood
At	other tree (broad or nar
Zz	other hardwood

EXOTICS

AP	APPLE
Ht	ASH
Ht	BALSAM, COTTONWOOD or POPLAR
Lb	Southern Cottonwood
BBCH	
Bp	European Birch
Bn	Gray Birch (exterior)
Bp	Yellow Birch
Ch	CHERRY
Cv	Sweet Cherry
CY	CYPRESS
Ly	Hinoki Cypress
Lx	Cypress Hybrid
Nk	Nootka Fir
Nn	Noble Red Fir
Pn	Norway Pin
LOCUST	
Lt	Siberian Larch
Lx	Larch
MAPLE	
Mr	Red Maple
Mp	Norway Maple
Mp	Sycamore Maple
OAK	
Oa	Turkish Oak
Or	Hortus Oak
Ow	Garry Oak (Exotic)
PINE	
Pa	Austrian Pine
Pc	Corsican Pine
Pp	Ponderosa Pine
Pr	Red Pine
Pn	Scots Pine
Pn	Swiss Stone Pine
Pn	Western White Pine
Pn	Japanese Red Pine
Pn	Japanese Black Pine
Pn	Japanese Umbrella Pine
Pn	Japanese White Pine
Pn	Japanese Stone Pine
Pn	Mugo Pine
Pn	Mountain Pine
Pn	Red Pine
Pn	Swiss Pine
SPRUCE	
Sn	Norway Spruce
Sn	Serbian Spruce
Sn	Siberian Spruce
Sn	Spruce
Sn	White Spruce
WILLOW	
Wb	Laurel Willow
Wb	Weeping Willow
Wb	White Willow

Line 4

4a. AGE CLASS

CODE	AGES (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+

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)
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

4d SITE INDEX

All SI are shown to the nearest metre referenced at 50 years breast height age. Where SI is not known, the field is left blank leaving a space. When an accurate SI cannot be determined from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees arenot present, e.g. recently logged areas. Estimated SI is shown after the species code preceded in brackets. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON-TREED SHRUB

sl	SHRUB TALL - shrub with average shrub height > or = to two metres
sm	SHRUB MEDIUM - shrub with average shrub height > two metres,

NON-TREED HERB

he	HERB
hg	HERB - GRASS
hg/mg	HERB - GRAMINOIDS - herb with no distinction between forbs and graminoids. graminoids > 50% of the herb cover.

NON-TREED BRYOID

b	BRYOID - bryoid with no distinction between mosses and lichens by cover.
bm	BRYOID - MOSS - bryoid with mosses, liverworts and hornworts > 50% of the bryoid cover.
bl	BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

bs	BARE SOIL
be	BEACH
bl	BOULDERFIELD
bs	BOGSCA
bu	BURNED AREA
ds	DUNE
e	EXPOSED SOILS

ea	EXCESS ALKALI SEGMENT
mt	RUBBLY MINE SPOILS
ro	ROCK
s	SAND
sn	SNOW COVER
t	TALUS
wa	WORKABLE

ri	RESERVOIR MARGIN
ra	RAILWAY SURFACE
rd	ROADED AREA
rs	ROAD SURFACE
t	TALUS
u	URBAN
w	UNKNOWN

Note: Those categories (ea, ar, ra, t) not labelled over 50 percent coverage.

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

AF	ALPINE FOREST / Species	NPBR	NON PRODUCTIVE BRUSH
CL	CLAY BELT	NPBS	NON PRODUCTIVE BRUSH / Species
CL	CLAY BANK	NPFO	NON PRODUCTIVE FOREST / Species
D	GRAVEL BAR	NTA	NO TYPING AVAILABLE
GL	GLACIER ICE	OW	OPEN WATER
KF	KEIFELD	P	PEATLAND
MU	MUD FLAT	S	SWAMP

MUD	MUD FLAT	S	SWAMP
MUD	MUD FLAT		

MAR	MARSH	NC	NON COMMERCIAL
TIDE	TIDAL FLAT	NPBR	NON PRODUCTIVE BRUSH
UR	URBAN	NPBS	NON PRODUCTIVE BRUSH / Species
		NPFO	NON PRODUCTIVE FOREST / RESTOCKED
		NTA	NO TYPING AVAILABLE

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	Wildfire	M	Mite Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
I	Insects		
		B	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		W	Problem Vegetation

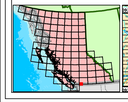
Example Opening History Details

Detailed Silviculture information is available on the BCGW
(Data Warehouse) and RESULTS. The Mapview example is of thenext 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 Silviculture Data" to turn on display values for :

OPENING
OPENING LABELS
OPENING / PLANNING ACTIVITY
ACTIVITY TREATMENT UNIT
ACTIVITY LABELS
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH





MAP																								
082	E	F	G	H	J	K	L	M	N	O	P	083	E	F	G	H	J	K	L	M	N	O	P	084
092	A	B	C	D	E	F	G	H	J	K	L	093	A	B	C	D	E	F	G	H	J	K	L	094
102	I	P	O									103												104

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Overflow Labels