Vegetation Map
092F013

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 - VRMD / 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 displayed on this map is not a substitute for the official land status, administrative boundaries and the Cadastral Index Plans or for reference purposes only. Legend revisions June 27/08

Lands Projected To January 1, 2010.

MAP SYMBOLOGY

Forest Inventory Features
- Forest Vegetation Polygons
- Stocktake Opening # Polygons
- Recreation Sample Plot - (GYS)
- Research Installations

TRIM - Base Features
- Multi Roads
- Four Wheel Road Class
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroad
- Ferry Routes
- Other Data
- Waterline
- Shoreline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - 50M
- Waterbodies - 20M
- Waterbodies - 001M
- Wetlands - 20M
- Ocean - 20M

Administrative Boundaries
- BC Provincial Boundary
- Int'l/MFR Region Boundary
- Resource District boundary - FADM
- Min. Region Compartment - FADM
- Timber Supply Area - FADM
- Provincial Forest area - FADM
- Tree Farm Licence - FADM
- Local District boundary
- Administrative boundary
- Survey Parcels - Terrain
- Municipal boundary (Incorporated Area) - TA
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE - DESCRIPTION
1 - Stocktake subunit and Opening Number
2 - Polygon number and Inventory Identification Label (Leading)
3 - Species Composition
4 - Age, Height, Crown Closure layer is described as Fd (Douglas Fir) and the (Western Hemlock)
4 - Age, Height, Crown Closure Class / Site - respectively - this label is described as:
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-10%), SI 20m
5 - Site Index (SI) - ex: SI 20m at 50 years breast height age
6 - or a Soil, ecological site classification, Variants (rare) and grasslands, shrubs less that 2m
7 - Disturbance History & year - as is logged in 1978

Line 1 - History Record Opening Number

opening number card for RCDS mapsheet ##### - opening number has not been assigned

Line 2 - Polygon No. / Multilayer

Polygon numbers are assigned from one to nine digits.
1 - Multi-layered stand: a separate description of each layer is available in the data base. (ie. 1,2)

Line 3 - BEC Tree Code List

Species Compositions / Species are ranked in their order of predominance. Major first Minor in brackets.
The following codes are based on "Tree B.C. - Ministry of Forests Tree Code List" version 4.0 dated January 2009.

NATIVE CONIFERS

CW	CEDAR
Cw	Western Red Cedar
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
H	HEMLOCK
Hw	Western Hemlock
Hm	Mountain Hemlock
Hx	Hemlock (Western/Mountain)
J	JUNIPER
Ju	Juniper (Common)
L	LARCH
La	Larch (Lyall)
Lw	Tamarack
P	PINE
Pl	Pine
Pa	Lodgepole Pine (Contorta)
Pli	Lodgepole Pine (Latifolia)
Pw	Western White Pine
Pf	Whitebark Pine
S	SPRUCE
Se	Engelmann Spruce
Sx	Spruce (Hybrid)
Sw	White Spruce
Ss	Sitka Spruce
Sxs	Spruce (Hybrid) White
Sxw	Spruce (Hybrid) Sitka
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
E	ASPEN
At	ASPEN, BLACK/BALSAM POPLAR
A	ASPEN, COTTONWOOD or POPLAR
Ac	Aspen, Cottonwood
Ep	Aspen, Poplar
Ax	Aspen, Trembling
Ai	Island Poplars
Ap	Poplar, Balsam
B	BIRCH
Bp	Birch, Paper
Bg	Birch, Paper Gray
Bb	Birch, Paper (Alaska)
Bc	Paper Birch (white)
Bw	Water Birch
C	CHERRY
Cp	Cherry, Pin
V	CHOKECHERRY
Vv	Chokecherry (Common)
D	DOGWOOD
Dw	Dogwood, Pacific
M	MAPLE (includes deciduous flowering)
Mb	Maple, Broadleaf (Bigleaf)
Mv	Vine Maple
O	OAK
Or	Oak, Garry
R	RUSH
Rb	Rabbit Willow
Rh	Rabbit Willow (Hooker)
Rp	Pacific Willow (Pacific)
Rs	Pussy Willow (Scouler)
Rw	Willow (Undifferentiated)
U	UNKNOWN
Un	UNKNOWN
X	OTHER DECIDUOUS
Xc	OTHER DECIDUOUS TREE
Xh	OTHER HARDWOOD

EXOTICS

AP	APPLE
At	ASPEN, COTTONWOOD or POPLAR
Ac	Aspen, Cottonwood
Balsa	Balsa
Bb	Birch, Alaska
Bp	Birch, Paper (common)
Bw	Birch, Water
BU	BUCKEYE
Bu	Buckeye, Ohio
CA	CARAGANA
Ca	Caragana, Pea
Ch	CHERRY
Cp	Cherry, Pin
Cs	Cherry, Sour Pie
Cw	Cherry, Wild Red
Ew	Elder, Red Berried
Ha	Hawthorn, Black
Hc	Hawthorn, Cockspur
Hd	Hawthorn, Douglas
Hp	Hawthorn, Pear
Hw	Hawthorn, Washington
LI	LILAC
Li	Lilac, Common
Lp	Lilac, Persian
LO	LOCUST
Lb	Locust, Black
Lh	Locust, Honey
MA	MAPLE
Mn	Maple, Norway
Ms	Maple, Silver
Mt	Maple, Tatarian
Mx	Maple, Hybrid
MO	MOUNTAIN ASH
Mo	Mountain Ash, European
OA	OAK
Oc	Oak, Chinkapin
Or	Oak, Red
Ow	Oak, White
OS	OTHER EXOTICS
Ot	Other Exotics
Pa	Pear, Asian
Pc	Pear, Common
Pk	Persimmon, Black
Pm	Plum, Manchurian
Pp	Plum, Purple Leaf
Pr	Plum, Red Leaf
Ps	Plum, Sand
Pt	Plum, Thundercloud
PO	POPLAR
Pb	Poplar, Balsam
Pn	Poplar, Lombardy
Pp	Poplar, Pyramidal
Ps	Poplar, Silver
Pt	Poplar, Trembling
Pw	Poplar, White
PR	PRUNUS
Pe	Prunus, Pin Cherry
Pv	Prunus, Purple Leaf
Pu	Prunus, Purple Pin
Ps	Prunus, Sand
Pt	Prunus, Thundercloud
RO	ROSE
Ro	Rose, Nootka
Rw	Rose, Wood's
SA	SALT CEDAR
Sa	Salt Cedar, French
SW	SILVERBERRY
Sw	Silverberry, Russian
SO	SORBUS
Sa	Sorbus, American Mt Ash
Sc	Sorbus, Common Mt Ash
Sd	Sorbus, Dwarf
Sg	Sorbus, Ash
Sm	Sorbus, Showy Mt Ash
Sn	Sorbus, Nevadensis
Sv	Sorbus, Vilmorinii
SP	SPIREA
Sp	Spirea, Pink
Sw	Spirea, White
TA	TAMARIX
Ta	Tamarix, French
WI	WILLOW
Wa	Willow, Arctic
Wb	Willow, Bebb
Wc	Willow, Coyote
Wd	Willow, Drummond
We	Willow, Peach Leaved
Wg	Willow, Golden
Wh	Willow, Hooker
Wl	Willow, Laurel Leaf
Wp	Willow, Pacific
Wr	Willow, Red
Ws	Willow, Scouler
Wt	Willow, Thinleaf
Ww	Willow, Weeping
Wy	Willow, Yellow
XH	OTHER HARDWOOD
Xh	Other Hardwood

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	0 - 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	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 +/- 10

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	6 - 10
2	11 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 100

4d SITE INDEX

SI is not shown in the mapped stocks delineated until it gets a measurement. Site index is a measure of site productivity. It is the average height of dominant trees at a specified age (usually 50 years). Site index curves are species specific and are available from the Ministry of Forests, Lands and Natural Resource Operations.

4e. ESTIMATED SITE INDEX

If a second estimate is taken 10 trees every second sq. chain plot, a second estimate of site index is made. Site index is a measure of site productivity. It is the average height of dominant trees at a specified age (usually 50 years). Site index curves are species specific and are available from the Ministry of Forests, Lands and Natural Resource Operations.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (Dry Land Layer-Any)

BL	BARELAND	SL	SHRUBLAND
BR	BRUSH	ST	STUMPS
GL	GRASSLAND		

NON-TREED HERB

H	HERB - GENERAL
HF	HERB - FORBS
HG	HERB - GRAMINOIDS

- herb with no distinction between forbs and graminoids
- herb with forbs >50% of herbaceous cover
- herb with graminoids > 50% of herb cover

NON-TREED SHRUB

S	SHRUB
Sd	SHRUB, DECIDUOUS
Sm	SHRUB, MIXED
Sp	SHRUB, PROSTRATE

- shrub with no distinction between evergreen and deciduous cover
- Shrub with deciduous (generally, such as willow) > 50% of the shrub(s) cover
- shrub with mixed cover
- shrub with prostrate growth form

NON-TREED HERB

H	HERB
Hg	Herb Graminoid
Hf	Herb Forb
S	Shrub / Vine

WETLAND VEGETATED CATEGORIES (Dry Land Layer-Any)

AP	AIRPORT	GL	GRASSLAND
AU	AUGEN	MU	MUSKEG
BA	BARRENS	OC	OPEN CUT
BE	BEACH	OE	OPEN ELEMENTS
BU	BUNKERS A	S	SWAMP
CL	CLEARING	SL	SHRUBLAND
CP	CAMPGROUND	ST	STUMPS

NON-FOREST / NON-PRODUCTIVE DESCRIPTION CODES (Dry Land Layer-Any)

AF	ALPINE FIR	NP	NON-PRODUCTIVE
AT	ALPINE TUNDRA	NPBR	NON-PRODUCTIVE BRUSH
CL	CLEARCUT	NPBU	NON-PRODUCTIVE BURN
CU	CULTIVATED	NPCL	NON-PRODUCTIVE CLEARCUT
DE	DECIDUOUS	NPDE	NON-PRODUCTIVE DECIDUOUS Species
GL	GRASSLAND	NPLA	NON-PRODUCTIVE LAKE
MU	MUSKEG	OA	OPEN AGRICULTURE
OC	OPEN CUT	OE	OPEN ELEMENTS
RO	ROCK	SN	SNOW
RW	ROCK WITH SOIL	WA	WATER

Line 6 - Disturbance History

Disturbance Type code is standardized by symbol, followed by subtract date.
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

A	Animal Damage	L	Logging
B	Broom	M	Mist Damage
C	Cone and Seed Insects	N	Nutrient Deficiency
D	Disease	O	Other Animal Damage
E	Fire	P	Cone and Seedling Fungal Pathogen
F	Flooding	R	Site Reclamation
G	Grazing	T	Treatment Injuries
H	Human Induced Injuries	U	Unknown Agent
I	Insects	V	Problem Vegetation

Example Opening History Details

Detailed Silvicultural information is available on the RCDS mapsheet for each opening. The Mapsheet example is at reference 092J078 apply.

The Ministry of Forests, Mines and Lands web application "Map Place" can be used to view this opening information. Select the ELEVATION/TERRAIN tool and turn on "Display Silviculture Map" to turn on display values for:

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

Overflow Labels