Vegetation Map
082J022

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 / Shaliis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the provincial 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 for reference purposes only. Legend revisions June 2016.

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Feature:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (SYS)
- Research Installations

TRIM - Base Feature:
- All Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodivisions - ISM
- Watercourses - ESM
- Waterbodies - ISM
- Wetlands - ESM
- Ocean - ESM

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

Other:
- BCGS Map sheet (1:40,000)

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. this most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age Class / Height Class / Crown Closure Class / Estimated Site Index
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-10%), SI 24m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
6 Stocking Status (if no distinction between fir/ha and green/ac/ds, shrubs less than 2m.
7 Disturbance History & year - ex. logged in 1976

Line 1 - History Record Opening Number

OGR - opening number valid for BCGS mapsheet
0000 - opening number has not been assigned

Line 2 - Polygon No. / Multilayer

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 List

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 6.1 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Cypress
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bg	Grand Fir (Balsam)
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwx	Western x Western Hemlock hybrid
J	JUNIPER
Jh	Rocky Mtn. Juniper
Jr	Juniper conjoin
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Pf	Ponderosa Pine (yellow)
Pa	Whitebark Pine
Pw	Western White Pine
Pxj	Hybrid Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sw	White Spruce
Sxw	Hybrid Spruce
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x Unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

A	ALDER
D	Red Alder
Ds	Sitka Alder
E	Alder (unk)
Ep	Poplar (ASPEN/BALSAM/COTTONWOOD or POPLAR)
At	Aspen
Ac	Black Cottonwood
Act	Balsam Cottonwood
Ax	Hybrid Poplars
Ae	Poplar (unknown)
Ag	ARBUTUS
Ab	Arbutus
Ep	MAPLE
Dm	Alaska Paper Birch
Dp	Alaska x Paper Birch hybrid
Dw	Paper Birch (white)
Dx	Hybrid Birch
Ep	Maple
At	Cascara
Ep	Willow
Ew	Willow (Scrub)
Vc	Choke Cherry
Vp	Pin Cherry
Vv	DOGWOOD
Dr	Pacific Dogwood (western flowering)
Dn	Red Osier
Dp	Dogwood/Poplar (woodland)
Mv	Vine Maple
Ep	Hardwood
Ep	Cherry (Unk)
Ep	Ash (Unk)
Ew	Elderly Willow
Ep	Mountain Maple
Ew	Feltleaf Willow (Ranchy)
Ew	Pussy Willow (grey leaved)
Ew	Scouler Willow
Ew	Sitka Willow (sea-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xd	unknown hardwood
Xh	unknown shrub (not ht)
Xv	unknown herb
Zz	other hardwood

EXOTICS

XH	APPLE
Ua	Apple
Ep	Poplar (COTTONWOOD or POPLAR)
Ac	Northern Cottonwood
Ep	Poplar
Ea	European Birch
Ep	Birch (unknown)
Ep	Yellow Birch
XH	OAK/BIT
Ur	Red Oak/Bur Oak
YC	CYPRESS
Yo	"Port Orford Cedar
Yl	Lawson's
Ep	Tamarack Fir
Ep	Noble Fir
Ep	Grand x Noble Fir
Ep	Veitchii Fir
Ep	Amabilis Fir
LF	"Siberian Larch
Ep	European Larch
MAPLE	
Me	Box Elder
Ep	Norway Maple
Ep	"Sycamore Maple
OAK	
Qe	English Oak
Qm	"White Oak
OTHER EXOTICS	
Ch	Horse Chestnut
Ep	"Giant Sequoia
Ep	"Redwood
Ep	European Mountain Ash
Ep	Common Hackberry
Ep	Cascara Buckthorn
Og	Oregon Ash
Ep	Sycamore
Ep	"Smegbulb Hickory
Ct	Tree of Heaven
Ep	Black Walnut
XW	
Pm	"Monterey Pine
Ps	"Scots Pine
Pn	"Austrian Pine
Pp	"Mugo Pine
Ep	Ponderosa Hybrid
Sr	Tree of Heaven

Line 4

4a. AGE CLASS

CODE	AGE (in 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	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 estimates to be recalculated to estimated at50 years
SI estimates are based on height and breast height age data, leading species. When an accurate SI cannot be obtained from the above, a site index estimate is made from other information.

4e. ESTIMATED SITE INDEX

SI estimates are based on height and breast height age data, leading species. When an accurate SI cannot be obtained from the above, a site index estimate is made from other information.
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Site Group and SI Estimate revise 2008.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for Y and Lyr cards)

NON-TREED SHRUB

s	SHRUB (ALL)
Sc	SHRUB (CLOSED)

shrub with average shrub height > or =to two metres
shrubs with average shrub height < two metres

NON-TREED HERB

H	HERB
Hc	HERB - FORBS
Hg	HERB - GRAMINOIDS

herb with no distinction between forbs and graminoids
herb with forbs > 50% of the herb cover
herb with graminoid > 50% of the herb cover

NON-TREED MIXED

Sc	MIXED
Sc	MIXED - MESIC
Sc	MIXED - LICHENS

mixed with no distinction between shrubs and herbs by cover.
mixed with shrubs > 50% of the mixed cover, forbs > 50% of the herb cover.
mixed with lichens > 50% of the lichen cover.

NON-VEGETATED CATEGORIES (for Y and Lyr cards)

ar	AIRPORT	s	SAND, TIDAL	mu	MUD/FLAT SEDIMENT
b	BEACH	l	LAKE	mr	RUBBLE/ MINE SPOILS
bl	BEDROCK	r	RIVER	o	OTHER
bl	BEDROCK	a	LANDING	o	OTHER
cl	CLIFF/CANYON	ro	ROCK OUTCROP	ro	ROCK OUTCROP
os	SYSTEMIC	w	OPEN WT WAY	r	RESERVOIR
os	SEISMIC LINES			t	TAILINGS
u	UNKNOWN			u	UNKNOWN

Note: Water categories must be 100 percent coverage.

mr	RESERVOIR MARGIN		
rs	RIVER/ SURFACE		
rb	RIVER BED		
s	SAND		
t	TAILINGS		
u	UNKNOWN		

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

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON-PRODUCTIVE BRUSH
BE	BEACH	NPBU	NON-PRODUCTIVE BURN
C	CLAY BANK	NPFO	NON-PRODUCTIVE FOREST (Species
G	GRAVEL BAR	NPL	NOT FOR NEW LANDS
I	ICE FIELD	NPW	NOT FOR NEW LANDS
IC	ICEFIELD	OP	OPEN
M	MEADOW	R	ROCK
MUD	MUD FLAT	S	SNOW
W	WETLAND		

SAND	SAND, TIDE FLAT		
U	URBAN		
NC	NON COMMERCIAL		
NPBR	NON-PRODUCTIVE BRUSH		
NP	NON-PRODUCTIVE		
NSY	NOT SATISFACTORILY STOCKED		
NFA	NOT FIRM/CANADA/LES		

Line 6 - Disturbance History

Disturbance history is recorded 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	Mist Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
E	Unspecified		
		S	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either RAT or ArcMap. The Mapview example is of the Herd RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select "Forest Cover" as the Theme to display.
Structure Map" to turn on display values for:

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREES PATCH

Overflow Labels