093K058

Vegetation Map
093K058

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 - 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 display specific information and is one view of the data that may be available. Some features presented 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
- Silviculture Opening in Vegetation
- Permanent Sample Plot (CFS)
- Research Installations

TRIM, Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf/Parades
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroline-Barriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MV 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 (> 1:200,000 ha - 15 % hatch)
- Municipal boundary (< 1:200,000 ha) - 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:

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 (Douglis Fir) and Hw (Western Hemlock).
4 Age Class, Height Class, Crown Closure Class - reclassified to
ex: stand is age class 2 (21-40 yrs), height class 1 (0.-10.4m), crown closure class 1 (6.-15%), 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.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

xxxx - opening number valid for BCGS mapsheet DDW - 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 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 4.0 dataed January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Yc	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sabelde Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Pli	Lodgepole Pine x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Shore Pine (coast)
Pxj	Whitebark Pine
Pw	Whitebark Pine
S	SPRUCE
Sa	Alaska Spruce
Se	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Ty	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
E	ASPEN
Ep	Pacific Coast Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Act	Balsam Poplar
Ad	Black Cottonwood
Ae	Trembling Aspen
At	Trembling Aspen
R	ARBUTUS
Rm	Arbutus
E	BIRCH
Ea	Alaska Paper Birch
Eap	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Kc	Cascara
V	CHERRY
Vs	Bitter Cherry
Vv	Choke Cherry
Mb	MAPLE, BIG LEAF
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Barclay's)
Wr	Pussy Willow (gray-haired)
Ww	Willow (whitish)
Wt	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

	APPLE
Ua	Apple
	BEECH, COTTONWOOD or POPLAR
Ad	*Southern Cottonwood
	BIRCH
Ea	*European Birch
Ez	Silver Birch (exanic)
Ey	*Yellow Birch
	CHERRY
Yi	Sweet Cherry
	CYPRESS
Cl	*Nootka False Cedar
	FIR (Subalpine)
Bs	*Balsam Fir
Bp	Indoo Fir
Bm	*Shasta Red Fir
Bn	*Noble Fir
	LARCH
Ld	*Daharian Larch
Le	*European Larch
	MAPLE
Me	Box Elder
Mr	*Norway Maple
Ms	*Sycamore Maple
	OAK
Oe	*English Oak
Or	*White Oak
	OTHER EXOTICS
Ch	*Horsechestnut
Cs	*Giant Sequoia
Ck	*Coast Redwood
Ot	European Mountain Ash
Ok	Siberian Elm (southern)
Ok	Japanese Walnut
	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Pa	*Austrian Pine
	SPRUCE
Sn	*Norway Spruce

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	141-250
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)
0	0 - 5
1	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX

All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees aremnt present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it and is recorded in the data base as Inventory Type Group and SI Estimated leave code.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I record4)

NON-TREED SHRUB
- sl SHRUB TALL - shrub with average shrub height > or = to two metres.
- sl SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- hf HERB - herb with no distinction between forbs and graminoids.
- hg HERB - FORBS - herb with greater 50% of the herb cover.
- hg HERB - GRAMINOIDS - herb with gaminoids > 50% of the herb cover.

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

NON VEGETATED
- ar Exposed Land
- ri Rock / Rubble
- sn Snow / Ice

NON-VEGETATED CATEGORIES (for V and I record4)

ap AIRPORT	gp GRAVEL PIT	mu MUDFLAT SEDIMENT	rn RESERVOIR MARGIN
be BEACH	la LAKE	ru RUBBLY MINE SPOILS	rs RUNWAY SURFACE
bl BLOCKFIELD	lk LAVA BED	sc OCEAN	sa SALT MARSHES
bu BUILDING	mi MINE	sw SNOW	rd ROAD SURFACE
bu BURNED AREA	rv POND or LAKE SEDIMENTS	pn SNOW COVER	ta TALUS
cb CUTBANK	ms OPEN PIT MINE	re RESERVOIR	ta TALINGS
dy DUNES/SOILS	mo MORAINE	rp RIPRAP/DAM	tz TAILINGS
gl GLACIER			

Note: Water categories (la, ra, re, rn) not labelled over 50 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F record4)

A ALPINE	NP NON PRODUCTIVE	SAND SAND	
AF ALPINE FOREST -Species	NPBR NON PRODUCTIVE BRUSH	TIDE TIDAL FLAT	
BR BRUSH	NPF NON PRODUCTIVE FOREST	U URBAN	
CL CLAY BANK	NPF NON PRODUCTIVE FOREST -Species		
G GRAVEL BAR	NTA NO TYPING AVAILABLE	NC NON COMMERCIAL	
H HERBS	OR OPEN RANGE	NPBR NON PRODUCTIVE BRUSH	
ICE ICEFIELD	W WATER	NP NON PRODUCTIVE	
M MEADOW	R ROCK	NSR NOT SUFFICIENTLY RESTOCKED	
MUD MUD FLAT	S SWAMP	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.

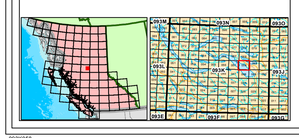
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Birds	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

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 MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for :

OPENING
OPENING LABELS
SILVICULTURE TREATING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH



093K057
093K058
093K059
093K047
093K048
093K049
093K067
093K068
093K069

68-74
68-75
68-08
68-63
89

RF1102

Fort St. James Natural Resource District
RANGE 5 COAST DISTRICT

MOUNT POPE PARK

396,000 397,000 398,000 399,000 400,000 401,000 402,000 403,000 404,000 405,000 406,000 407,000 408,000 409,000 410,000

124°36'0"W 124°35'0"W 124°34'0"W 124°33'0"W 124°32'0"W 124°31'0"W 124°30'0"W 124°29'0"W 124°28'0"W 124°27'0"W 124°26'0"W 124°25'0"W 124°24'0"W

54°36'0"N 54°35'0"N 54°34'0"N 54°33'0"N 54°32'0"N

6,049,000 6,048,000 6,047,000 6,046,000 6,045,000 6,044,000 6,043,000 6,042,000 6,041,000

Overflow Labels

093K058

093K058