082G034

Vegetation Map
082G034

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 - WHSE Ownership
Base Map Source: TRIM / Terrain5

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to facilitate printing at various scales. Please note that the information displayed on this map is for reference purposes only and may not be complete and up to date. Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revised June 2014).

Labels Projected To: January 7, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Shrub/low Opening in Vegetation
- Permanent Sample Plot (1/10)
- Research Installations

TRIM - Base Features:
- Multi Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfields
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodfeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- TSA Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrains
- Municipal boundary (1:1,000,000 ha - 10 % fuzz)
- Municipal boundary (1:1,000,000 ha - no fuzz)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Area
- Recreation Area

Other:
- BCGS Wrapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number - ranging from one to nine digits
3 Species Composition
as the most important layer is described as Fd (Douglas Fir) and the (Western Hemlock) Hw is described as the second most abundant species in the stand.
4a stand is age class 3 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (5-15%), SI 20+m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
as a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - as Logged in 1979

Line 1 - History Record Opening Number

OGR - opening number used for BCGS mapsheet
OGR# - 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 4.5 dated January 2005

NATIVE CONIFERS

B	BALSAM
C	CEDAR - Red & Yellow
C	CYPRESS
D	DOUGLAS-FIR
F	SPECIES not Fir
Fd	Douglas Fir
Fdc	Douglas Fir Coastal Fir
Fdi	Interior Douglas Fir
F	FIR (Balsam)
Fa	Alpine Fir
Fb	Grand Fir
Fl	Subalpine Fir (Alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western x Mountain Hemlock hybrid
J	JUNIPER
J	Rocky Mtn. Juniper
Js	Scopulus Juniper
L	LARCH
La	Alpine Larch
Lw	Western Larch
P	PINE
Pl	Lodge Pole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coastal)
Pxj	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (Banks)
Pa	Alpine Pine (Limber)
Pw	Western White Pine
Pw	Whitebark Pine
Py	Ponderosa Pine
S	SPRUCE
Se	Sitka Spruce
Sx	Engelmann Spruce
Sxe	Eng. x White Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxs	Sitka x White
Sxw	White x Alpine
Sxl	Other unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

A	ALDER
Ac	Red Alder
V	APPLE - Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Ac	Paper Birch
Ax	Black Cottonwood
Ai	Hybrid Poplars
Ah	Balsam Poplar (Balm)
V	APPLE(s)
Vp	Pacific Crab Apple
B	BIRCH
Bp	Paper (White) Birch
Bb	Alaska Birch (Bog Birch) hybrid
Bp	Paper Birch (white)
C	CHERRY
Ck	CHOKECHERRY
Cc	Cascara
Cw	Wild Cherry
Vb	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vt	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broadleaf Maple (Vanbrush)
Mv	Vine Maple
O	OAK
Or	Garry Oak
Ow	White Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peachleaf Willow (Bentley's)
Wy	Scouler's Willow (Hooker)
Wy	Sitka Willow
Wx	Willow hybrid (unknown)

UNKNOWN - OTHER

X	UNKNOWN
Xc	Unidentified Conifer
Z	OTHER (tree not on list)
Zh	Other hardwood

EXOTICS

A	APPLE
Ap	Domestic Apple
At	ASPEN, COTTONWOOD or POPLAR
Ab	Balsam Cottonwood
B	BIRCH
Be	European Birch
Bp	Paper (White) Birch
Bc	Yellow Birch (GOLDEN)
C	CHERRY
Cp	Pin Cherry
F	FIR (Balsam)
Fa	Alpine Fir
Fb	Grand Fir
Fl	Subalpine Fir (Alpine)
L	LARCH
Le	European Larch
Lj	Japanese Larch
Lk	Dunkeld Larch
Lh	Hybrid Larch
M	MAPLE
Mb	Box Elder
Mn	Norway Maple
Mp	Planetree Maple
O	OAK
Oe	English Oak
Or	Red Oak
OTHER EXOTICS	
Oa	Alaska Cedar
Ob	Black Locust
Oc	Coast Redwood
Oe	European Mountain Ash
Oh	Horse Chestnut (Buckeye)
Ol	Common Pear
Op	Black Poplar
Or	White Ash
Os	Mountain Ash (Rowan)
Ot	Tree of Heaven
Oj	Japanese Walnut
P	PINE
Pn	Norway Pine
Pr	Red Pine
Pw	Swiss Pine
SPRUCE	
Se	Norway Spruce

Line 4

4a. AGE CLASS

CODE	AGE (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	HEIGHT (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	CC (percentage)
1	5 - 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
	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years breast height age. Where SI is unknown, the field is left blank. Where an actual SI cannot be determined but a reference from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated where suitable SI trees cannot present or a reference from age and height is not available. Estimated SI uses procedure & associated table in the data base and inventory Type Group and SI estimation source code.

Line 5 - Vegetation records

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

NON-TREED SHRUB
- A SHRUB TALL - shrub with average shrub height > or = to two metres.
- B SHRUB LOW - shrub with average shrub height less metres.

NON-TREED HERB
- H HERB - herb with no distinction between forbs and graminoids.
- HF HERB - FORBS - herb with forbs > 50% of the herb cover.
- HG HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
- B BRYOID - bryoid with no distinction between moss and lichens by cover.
- BM BRYOID - MOSS - bryoid with moss > 50% of the bryoid cover.
- BR BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for I and L records):

ai	AIRPORT	gl	GRAVEL PIT
bl	BEACH	ic	ICE
bu	BUILDUP(S)	la	LAKE(S)
cl	CLIFF(S)	mu	MUD
bs	BUSINESS AREA	rs	POND or LAKE SEDIMENTS
rn	RESIDENCE	rk	ROCK OUTCROP
sl	SPECIES SOIL	sc	SCRAMBLE
gl	GLACIER		

rm	ROCKPUT SEDIMENT	rm	RESERVOIR MARGIN
rv	RIVER or STREAM	rv	RIVER SEDIMENTS
sn	SNOW	rs	RIVER SEDIMENTS
sp	SNOW PATCH	sa	SALT FLAT or MARSH
sn	SNOW COVER	ta	TALUS
st	STREAM(S)	tz	TIDAL FLAT
sc	SCRUB - OTHER	ur	URBAN

Note: these categories (ai, cc, rs, rv) not labelled over 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for E records):

A	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON PRODUCTIVE BRUSH
CU	CUTOVER	NPBS	NON PRODUCTIVE bluffs
D	DRAINAGE	NPF	NON PRODUCTIVE FOREST (Species
G	GRAVEL BAR	NPL	NO TYPING LINE
GS	GRASS/SEDGE	NPR	NON PRODUCTIVE
ICE	ICEFIELD	R	ROCK
M	MEADOW	S	SWAMP
MOW	MOWED		

NMD	MINE		
OW	OPEN WATER		
U	URBAN		
NC	NON COMMERCIAL		
NCBR	NON COMMERCIAL BROKEN		
NF	NON FOREST		
NSR	NOT SUFFICIENTLY RESTOCKED		
WA	WATERMANAGING		

Line 6 - Disturbance History

Disturbance type codes preceded by symbol, followed by earliest date
Find character of disturbance type designates category, refer to official code list for sub-category descriptions.

A	Animal Damage	S	SNOW
B	Broom	W	WIND damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	U	Cone and Seedling Fungal Pathogens
I	INSECTS		

E	Site Preparation
H	Harvesting Activity
V	Damage Unknown
P	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 RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Under "Map Layers" click on "Forestry" and "Silviculture Maps" to turn on display values for:

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WELL SITE TREE PATCH

Overflow Labels

082G034

082G034