082N052

Vegetation Map
082N052

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 support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information displayed on this map is not to be used for determining land 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 (GYS)
- Research installations

TRIM_Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfl anes
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric areas - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BEC 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 (1:1,000,000 ha - 15 % hatch)
- Municipal boundary (1:1,000,000 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
a.s. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator S Site Index / estimated SI
ex. stand is age class 2 (21-40 yrs); height class 1 (0.5-10.4m); crown closure class 1 (6-19%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
6 Is a NAR polygon with no distinction between forbs and graminoids, shrubs less that 2m.
7 Disturbance History Label: ex. Logged in 1978

Line 1 - History Record Opening Number:

'XXX' - opening number valid for BCGS mapsheet — 'zzzz' - 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 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fr	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hx	Hybrid Western Hemlock to pine
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulorum
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Alpine Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Plj	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pwa	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sep	Hybrid Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxb	Spruce hybrid White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Sxw	White
Te	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	RED ALDER
Dm	MALO
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Abl	Balsam Poplar
Ac	Black Cottonwood
Act	Trembling Aspen
Ax	Hybrid Poplar
B	BIRCH/TOAD
Bb	Alpine
Bp	Paper Birch
Bpa	Alaska Paper Birch
Bpx	Alaska x Paper Birch hybrid
Bpk	Kenai Paper Birch
Bw	Water Birch
K	DOGWOOD
Kp	PACIFIC DOGWOOD
E	CHERRY
Ev	Bitter Cherry
Em	Choke Cherry
Ep	Pin Cherry
G	DOG WOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Q	Oak
Qg	Garry Oak
R	MOUNTAIN ASH
Rh	Brook's Mtn Ash
Rm	Pacific Mtn Ash
Rmm	Pacific Mtn Ash (Sambu's)
Rsi	Kasp Mtn Ash (Sitka Variant)
Rn	Scouler's Mtn Ash
Rx	Sitka Mtn Ash (Sitka Variant)

UNKNOWN - OTHER

X	UNKNOWN
Xx	unknown conifer
Xh	unknown hardwood
Xl	unknown broadleaf (tall)
Xs	shrub
Xw	other hardwood

EXOTICS

W	APPLE
Wi	Siberian
Ai	ASPEN, COTTONWOOD or POPLAR
Ae	* Southern Cottonwood
Ap	Poplar
Bi	Siberian Birch
Ey	Silver Birch (swamp)
Ay	* Yellow Birch
C	CHERRY
Cs	Sweet Cherry
Y	CYPRESS
Yi	* Port Orford Cedar
F	DOUGLAS FIR
Fi	* Balsam Fir
Bg	Noble Fir
Fv	* Veitch's Silver Fir
Bc	* White Fir
L	LARCH
Lk	* Siberian Larch
Le	* Siberian Larch
M	MAPLE
Mi	Norway
Mr	Norway Maple
Mp	* Sycamore Maple
O	OAK
Oq	English Oak
Or	* White Oak
Ob	* Giant Sequoia
Od	* Redwood (Dawn)
Ow	European Mountain Ash
Ob	* Siberian Elm (southern)
Ou	* Siberian Elm
Oa	* English Ash
Ow	* White Ash
Ot	* Japanese Cherry
Ot	Tree of heaven
Ok	* Japanese Walnut
P	PINE
Pm	* Monterey Pine
Pl	* Red Pine
Pp	* Pitch Pine
S	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	141-160
9	161 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.5 - 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
1	6 - 19
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. Site index is estimated for all stands less than 50 years of age bearing species, whose actual site 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 subsite SI trees cannot present, e.g. Subalpine Fir (alpine) in the Engelmann Spruce - Subalpine Fir biogeoclimatic zone. SI is assigned after a reconnaissance of associated fields in the data base and Inventory Type Group and SI estimated source code.

Line 5 - Vegetation records:

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

NON-TREED SHRUB
- s SHRUB - shrub with average shrub height > or = to two metres.
- si SHRUB (Alt) - shrub with average shrub height < two metres.

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

NON-TREED SHRUB
- sh SHRUB - HEIGHT
- 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
- w Water
- r Rock / Rubble
- sn Snow / Ice

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

ap	AIRPORT	gl	GRAVEL PIT
b	BURNED	ic	ICEFIELD
bl	BLOCKFIELD	la	LANDFILL
br	BEDROCK	li	LANDING
cb	CLIFF/ROCK AREA	ls	LANDSLIDE SCARS/MOVEMENTS
cl	CUTBANK	mi	OPEN PIT MINE
de	EXPOSED SOILS	mo	MORAINE
gr	GLACIER		
mp	MUDFLAT SEDIMENT	rm	RIDE/RUN MARSH
rs	RIVER SEDIMENTS	rv	RIVER/ESTUARY SURFACE
ro	OCEAN	rs	RIVER SEDIMENTS
rr	OTHER	ru	ROAD SURFACE
rv	RIVER/ESTUARY	s	SLIDE
rz	RIVER - ESTROAM	t	TALUS/SCREE
		ur	URBAN

Note: Water categories (w, ea, ov, rv) not labeled over 90 percent coverage.

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

AF	AGRICULTURE FIELD	SAND	SAND
AP	ALPINE/NON-FOREST (Alpine)	TIDE	TIDAL FLAT
C	CULTIVATED	U	URBAN
CL	CLEARING		
G	GRASS, SLIM	NC	NON COMMERCIAL
GR	GRAVEL PIT	NCBR	NON COMMERCIAL BRUSH
L	LAKE	NCR	NON COMMERCIAL
M	MEADOW	NFR	NOT SUFFICIENTLY RESTOCKED
MUD	MUDFLAT	NTA	NO TYPING AVAILABLE
NFNP	NON PRODUCTIVE BRUSH		
NFP	NON PRODUCTIVE		
NFBU	NON PRODUCTIVE BURN		
NFC	NON PRODUCTIVE FOREST Openes		
NTA	NO TYPING AVAILABLE		
OA	OPEN RANGE		
R	ROCK		
S	SWAMP		

Line 6 - Disturbance History:

Disturbance type code preceded 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	Broom	M	Mine Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Treatment Injuries		
W	Damage Unknown		
V	Prune for Vegetation		

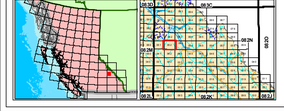
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of Inamed 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 - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH





Overflow Labels

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