083E061

Vegetation Map
083E061

Scale 1:20,000

1 Kilometers

0 0.25 0.5 0.75

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 the Vegetation Resources Inventory (VRI) attributes, lands, and natural resources of the province. 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 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (GY3)
- Research Installations

TRIM - Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV 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:

```
OP
2014
Fd/Hw
3P 20
Pl21
Cw78
```

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, Height, Crown Closure Class Code - separator - Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), 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 than 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

OP - opening number valid for BCGS mapsheet NOP - 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	Nootka Cypress
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fdp	Pacific Douglas Fir
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	Sawtooth Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Pxj	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pg	Shore Pine (coast)
Pa	Whitebark Pine
Pw	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Spruce hybrid
Sw	White Spruce
Sz	Spruce hybrid
Sxw	Spruce x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
G	APPLE
Gp	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Balsam Poplar
Ad	Black Cottonwood
At	Trembling Aspen
Ax	Trembling Aspen
B	ARBUTUS
E	BIRCH
Ep	Alaska Paper Birch
Epp	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ey	Yellow Birch
K	CASCARA
K	Cascara
V	CHERRY
Vf	Fire Cherry
Vo	Choke Cherry
Vr	Pin Cherry
Vs	Sweet Cherry
Gs	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Og	Garry Oak
W	WILLOW
Wb	Black Willow
Wp	Pacific Willow
We	Peachleaf Willow (Bebb's)
Wr	Rusty Willow (grey-leaved)
Ws	Scouler's Willow
Wy	Willow (low bare-leaved)

UNKNOWN - OTHER

X	unknown conifer
Xh	unknown hardwood
Z	Other (non-forest, non-tree)
Zz	other conifer
Zz	other hardwood

EXOTICS

U	APPLE
Ua	Apple
Ad	ASPEN, COTTONWOOD or POPLAR Balsam Cottonwood
Ae	European Birch
Es	Silver Birch (swamp)
Ey	*Yellow Birch BIRCH
Yc	Sweet Cherry
	CYPRESS
Yg	*Monterey Cypress
	FIR (Balsam)
Bb	*Balsam Fir
Bp	Noble Fir
Bm	*Shasta Red Fir
Bn	*Grand Fir
	LARCH
Ld	*Dahurian Larch
Ls	*Siberian Larch MAPLE
Mr	Red Alder
Mh	*Norway Maple
Mp	Sycamore Maple
	OAK
Oe	*English Oak
Or	*White Oak
	OTHER EXOTICS
Ob	*Black Locust
Os	*Giant Sequoia
Ow	*Coast Redwood
Oh	*European Mountain Ash
Ow	Golden Elm (southern)
Of	Common Pear
Og	Oregon Ash
Ot	*White Ash
Oc	*Black Walnut, Hickory
Ot	Tree-of-heaven
Ow	Japanese Walnut PINE
Pm	*Monterey Pine
Pr	*Red Pine
Ps	*Sugar 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 - 44.4
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 at breast age 50 years. Site index is the height of the average dominant trees attaining species, for which an accurate SI curve has been 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 arenot present, e.g. immature stands, or when a SI curve is not available for certain species & Associated Note in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

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

NON-TREED HERB
- hw 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
- by BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverwarts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gp	GRAVEL PIT	mu	MUDFLAT SEDIMENT
b	BEACH	la	LAKE	mr	RUBBLE MINE SPOILS
c	CULTIVATED FIELD	lb	LAKE BED	o	OTHER
w	BEDROCK	l	LANDING	od	OTHER
b	BURNED AREA	lk	POND or LAKE SEDIMENTS	ps	SNOW COVER
cp	CUTBANK	mi	OPEN PIT MINE	ts	RESERVOIR
e	EXPOSED SOILS	mn	MORAINE	r	RIVER / STREAM
g	GLACIER				

mm RESERVOIR MARGIN
mr RAILWAY SURFACE
ms SETTLEMENTS
rd ROAD SURFACE
tp TALUS
ta TAILINGS
ur URBAN

Note: Water categories (la, ou, re, r) not labelled over 80 percent coverage.

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

AF	ALPINE FOREST-Species	MB	NON-PRODUCTIVE BRUSH	SAND	SAND
C	CULTIVATED	NPBU	NON-PRODUCTIVE BURN	TEA	TIDAL FLAT
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST-Species	U	URBAN
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE		
GL	GRASSLAND	O	OTHER	NC	NON COMMERCIAL
ICE	ICEFIELD	P	HAYFIELD	NCB	NON COMMERCIAL BRUSH
M	MEADOW	R	ROCK	NP	NON PRODUCTIVE
MUD	MUDFLAT	S	SWAMP	NSR	NOT SUFFICIENTLY RESTOCKED
				NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

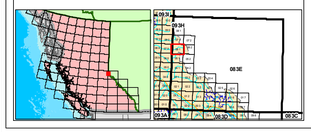
Disturbance type code preceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seeding 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 thinned 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
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH



093H080
083E071
083E072
59-39
102
093H070
CARIBOO DISTRICT
59-38
083E061 Prince George Natural Resource District
083E062
093H060
083E051
083E052

Overflow Labels

083E061

083E061