Vegetation Map
083D067

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / Ownership
Base Map Source: TRIM / Terrain

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 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 (CVS)
- Research Installations

TRIM - Base Features:
- 4x4 Trail Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Parkes
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines/rivers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Dower - ESM

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 Licences - 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:

```
01   ESA
PSP01
21-20
 1M
 078
```

LINE DESCRIPTION
1. Silviculture symbol and Opening Number
2. Polygon Number and multi-layer stand indicator (L)
3. Species Composition
   ex. the most dominant layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4. Age Class and Height/Closure Class Code - separator - 'EA Indic / 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 that 2m.
6. Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Opening Number

'078' - opening number valid for BCGS mapsheet. '2078' - 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 4.0 dated January 2009.

NATIVE CONIFERS

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

NATIVE HARDWOOD

D	ALDER
Dr	Red Alder
E	ASH
Up	Pacific Crab Apple
At	ASPEN, COTTONWOOD or POPLAR
Au	Poplar
Ac	Balsam Poplar
Act	Black Cottonwood
Ax	Hybrid Poplar
At	Trembling Aspen
R	ARBUTUS
Mb	Arbutus
E	BIRCH
Ea	Alaska Paper Birch
Eap	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
K	Cascara
V	CHERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vf	Fire Cherry
Z	DOGWOOD
Dp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gg	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wb	Pacific Willow
Wa	Peachleaf Willow (Barsley's)
Wr	Rusty Willow (gigantea)
Ws	Scouler's Willow
Wil	Sitka Willow (low-forest)

UNKNOWN - OTHER

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

EXOTICS

	APPLE
Ub	Siberian
	ASPEN, COTTONWOOD or POPLAR
Ad	Eastern Cottonwood
	BIRCH
Be	European Birch
Bk	Asian Birch (swamp)
Ey	Yellow Birch
	CHERRY
	Sweet Cherry
	CYPRESS
Yo	Japanese Cedar
	FIR (Balsam)
Bb	Balsam Fir
Bc	Corkbark
Bm	Maack's Fir
Bc	White Fir
L	LARCH
	Golden Larch
Lx	Siberian Larch
	MAPLE
Me	Box Elder
Mn	Norway Maple
Ms	Sycamore Maple
	OAK
Oe	English Oak
Or	White Oak
	OTHER EXOTICS
Ch	Horse Chestnut
Gi	Giant Sequoia
Gc	Coast Redwood
Ge	Dawn Redwood Ash
Ol	Siberian Elm (laurifera)
Of	Common Pear
Ob	Mountain Ash
Oj	Japanese Ash
Or	Ringtree& Hickory
Oj	Tree of Heaven
Ow	Japanese Walnut
P	PINE
Pm	Monterey Pine
Pr	Red Pine
Pw	Weymouth 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 - 5.4
2	5.5 - 10.4
3	10.5 - 19.4
4	19.5 - 28.4
5	28.5 - 37.4
6	37.5 - 46.4
7	46.5 - 55.4
8	55.5 - 64.4
9	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

Site index is 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 estimations in comment after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees are not present, e.g. young stands (<10yrs). It is denoted by a slash which always precedes it. Associated fields in the data base are inventory Type Group and ESTIMated source code.

Line 5 Vegetation records

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

- SP - SHRUB TALL - shrub with average shrub height > or =1m to two metres
- w - SHRUB LOW - shrub with average shrub height < two metres

NON-TREED HERB

- he - HERB - herb with no distinction between forbs and graminoids.
- hg - HERB - GRAMINOID - herb with graminoids > 50% of the herb cover.
- hf - HERB - FORBS - herb with forbs > 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, liverwork, and hornwork > 50% of the bryoid cover.
- bl - BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

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

ar	ARGILLIC	gr	GRAVEL PIT	mu	MUD/FLAT SEDIMENT
as	ASH/CAP	ha	HARDPAN	ro	RUBBLE/WIND SPOILS
bl	BLOCKFIELD	la	LAVA BED	os	OCEAN
bs	BEDROCK	lk	LAKE	ps	POND SURFACE
cb	CUTBANK/ERA	ls	LANDSLIDE/SEDIMENTS	sn	SNOW COVER
ds	DUNE/SAND	mc	OPEN PIT MINE	rd	RESERVOIR
ex	EXPOSED SOILS	mr	MORAINE	r	RIVER / STREAM
gl	GLACIER				

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

rm	RESERVOIR MARGIN	SAND	SAND
rs	RAILWAY SURFACE	SILT	SILT/MAT
rs	RIVER SEDIMENTS	u	URBAN
rs	ROAD SURFACE		
tc	TALUS		
t	TAILINGS		
r	RIVER / STREAM		
u	URBAN		

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

A	ALPINE	NP	NON PRODUCTIVE
C	CULTIVATED FOREST /species	NPB	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPBO	NON PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST /Species
G	GRASS / HERB	NPL	NON PRODUCTIVE LIVABLE
GR	GRAVEL PIT	OR	OPEN RANGE
ICE	ICEFIELD	P	HAYFIELD
MS	MUD/SILT	R	ROCK
MUD	MUD FLAT	S	SWAMP

NC	NON COMMERCIAL		
NCB	NON COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NPC	NON PRODUCTIVE CUT-STOCKED		
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.

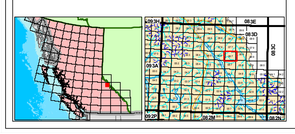
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mine Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Disease	P	Core and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

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



083D076 083D077 083D078 083D066 083D067 083D068 083D056 083D057 083D058

42-32 42-31 41 42-31

MOUNT ROBSON PARK

CARIBOO DISTRICT
Prince George Natural Resource District

Overflow Labels