Vegetation Map
093G055

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 / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to display the vegetation resource inventory and other forest resource information. Some of the information displayed 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
- Structure Opening in Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

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

Administrative Boundaries:
- BC Provincial Boundary
- FLNRO Region boundary
- Resource District boundary - FADM
- RAV 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 (1:7,000,000 fill - 1% % hatch)
- Municipal boundary (1:7,000,000 hat.- 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 (Douglas Fir) and Hw (Western Hemlock).
4 Vertical Complexity (1 storied, 2 storied, irregular, or rare) of the polygon
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 1976

Line 1 - History Record Opening Number

OGN - opening number valid for BCGS mapsheet OGW - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
A, 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 "Tree 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)
P	PINE
Pm	Mountain Hemlock
Pli	Lodgepole Pine (interior)
Plea	Mountain x Western Hemlock hybrid
J	JUNIPER
Hsj	Sitka x Juniper
Ai	Alaska Juniper
L	LARCH
La	Western Larch
Lt	Tamarack
Lw	Western Larch
Ll	Larch
Pf	Limber Pine
Pa	Whitebark Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (boreal)
Pw	White Pine (soft)
Pyi	Western White Pine
Pfa	Alpine Fir
S	SPRUCE
Se	Englemann Spruce
Sw	Sitka Spruce
Sxw	Spruce hybrid
Sxl	Spruce hybrid white
Sxs	Sitka x White
Sxs	Sitka x unknown hybrid
Sx	Hybrid
Te	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Y	APPLE
Up	Pacific Crab Apple
At	BALSAM, COTTONWOOD or POPLAR
Ac	Poplar
Aat	Balsam Poplar
At	Trembling Aspen
Ac	Hybrid Poplars
At	Trembling Aspen
E	BIRCH
Ep	Alaska x Paper Birch
Epg	Alaska x Paper Birch hybrid
Ew	Paper Birch (white)
Ep	Paper Birch
K	CASCARA
V	CHERRY
Vf	Fire Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vm	Mountain Cherry
Qg	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broadleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peachleaf Willow (Bonita's)
Ww	Pussy Willow (gray-haired)
Wy	Scouler's Willow
Wil	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	unknown conifer
Xl	unknown hardwood
Xh	unknown (broad-leaf or tall)
Cl	other conifer
Zh	other hardwood

EXOTICS

APPLE	
Yp	Apple
AT	ASPEN, COTTONWOOD or POPLAR
Act	*Southern Cottonwood
Ep	*Poplar
Ebi	European Birch
Ebi	Silver Birch (swamp)
Ey	European Birch
CHERRY	
Ys	Sweet Cherry
Yu	Bird Cherry
Yo	*Red (Wine) Cedar
Bl	FIR (Balsam)
Bp	*Noble Fir
Bn	Noble Fir
Bm	*Shasta Red Fir
Bv	*White Fir
LARCH	
Lk	*Siberian Larch
Ld	*Siberian Larch
Lp	Eastern Larch
Mr	Box Elder
Mh	*Norway Maple
Mb	Broadleaf Maple
OAK	
Qr	*English Oak
Qm	*Mongolian Oak
OTHER EXOTICS	
Ow	*Incense Cedar
Ob	*Monterey Cedar
Oh	*Grand Fir
Oa	European Mountain Ash
Ou	Russian Mountain Ash
Oc	Common Pear
Og	Oregon Ash
Ot	*Tree of Heaven
Ol	*Shagbark Hickory
Oj	Tree-of-Heaven
Ow	*Black Walnut
PINE	
Pm	*Monterey Pine
Pp	*Ponderosa Pine
Pt	*Scots 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 - 26.4
4	26.5 - 32.4
5	32.5 - 44.4
6	44.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
0	0
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

SI to be shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. Site index curves are non-linear, age and height, estimated SI is shown after, or supercies the SI.

4e ESTIMATED SITE INDEX

SI is estimated where suitable SI trees arenot present, e.g. young stands (<30yrs). It is denoted by a dash which always precedes the SI number (-SI). Estimated SI are inventory Type Group and SI Estimation source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (Nv'V and I nsccpnN)

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

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

NON VEGETATED
- wi Exposed Land
- wr Rock / Rubble
- w Snow / Ice

NON VEGETATED CATEGORIES (Nv' V and I nsccpnN)

be	BEACH	ms	MUDFLAT SEDIMENT	rm	RESERVOIR MARGIN
bl	BLOCKFIELD	mu	MUDFLAT WINE SPOILS	rs	RAILWAY SURFACE
bu	BURNED	o	OCEAN	rs	RIVER SEDIMENTS
bs	BURNED AREA	p	POND	ss	SNOW SURFACE
cb	CUTBANK	ps	POND or LAKE SEDIMENTS	ta	TALUS
cr	CUTBANK SOILS	rm	OPEN RIV bANK	w	TAILINGS
gl	GLACIER		NORMAL	w	WATER

Note: Water categories (ls, ou, re, rs) must fill greater than 50 percent coverage.

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

A	ALPINE	NP	NON-PRODUCTIVE	SAND	SAND
C	COMMUNITY (Species	NPBG	NON-PRODUCTIVE BRUSH	TEM	TEMPORARY FLAT
C	CULTIVATED	NPBS	NON-PRODUCTIVE BURN	U	URBAN
CL	CLEAR BURN	NPF	NON-PRODUCTIVE FOREST (Species		
G	GRASS (MEADOW)	NPL	NON-PRODUCTIVE LOGGED	NC	NON COMMERCIAL
GR	GRAVEL PIT	OR	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
M	MEADOW	P	HAYFIELD	NCBU	NON COMMERCIAL BURN
MS	MEXED	S	SWAMP	NDB	NOT PRODUCTIVE RESTOCKED
MUD	MUD FLAT			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.

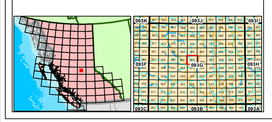
A	Animal Damage	L	Logging
B	Wildfire	N	Non-Biological Injuries
C	Cone and Seed Insects	P	Cone and Seedling Fungal Pathogens
D	Diseases	S	Site Preparation
I	Insects	T	Disease Unknown
		U	Damage Unknown
		V	Problem Vegetation

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



093G064 093G065 093G066 093G054 093G055 093G056 093G044 093G045 093G046

60-14 60-15 60-16 60-17 60-18 60-22 55-22 92

CARIBOO DISTRICT

Prince George Natural Resource District

Overflow Labels