094H037

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
094H037

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 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
- Structure Opening in Vegetation
- Permanent Sample Plot (GY3)
- Research Installations

TRIM_Base Features:
- 4w Bulk Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Ice/Barriers - 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 (> 1,000,000 ha - 5% hatch)
- Municipal boundary (< 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 BC Tree Code List
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 Description)
ex: a hold opening 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

OPNG - opening number valid for BCGS mapsheet DSPR - 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
Cy	Cypress
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fdp	Douglas Fir (alpine)
Ba	Amabilis Fir
Bg	Grand Fir
Bp	Amabilis Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwk	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulus Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
Pw	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Plk	Lodgepole Pine x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pli	Shore Pine (coastal)
Pw	Whitebark Pine
Pyi	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	Hybrid Spruce
Sx	White Spruce
Sxs	Spruce hybrid
Sxw	Spruce hybrid White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Ss	Sitka Spruce
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Da	Alder
Up	Pacific Crab Apple
A	ASPEN; COTTONWOOD or POPLAR
At	Aspen
Act	Balsam Poplar
Ad	Black Cottonwood
Ac	Cottonwood
At	Trembling Aspen
Ep	ARBUTUS
Ew	Paper Birch
E	BIRCH
Ea	Alaska Paper Birch
Ekr	Alaska x Paper Birch hybrid
Eg	Gray Birch (white)
Ew	Water Birch
K	CASCARA
Kc	Cascara
Kd	Cascara
Vs	Bitter Cherry
Vv	Choke Cherry
Vu	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
Gs	Dogwood
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peach-leaf Willow (Bendire's)
Ww	Pussy Willow (gray-leaved)
Wi	Scouler's Willow
Wt	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	unknown conifer
Xc	unknown hardwood
Xh	unknown (do not use list)
Zz	other conifer
Zh	other hardwood

EXOTICS

U	APPLE
Uy	ASPEN; COTTONWOOD or POPLAR
Act	Southern Cottonwood
Ay	BIRCH
Ayc	European Birch
Eyc	Silver Birch (swamp)
Ey	*Yellow Birch
Ey	Birch
Uv	Sweet Cherry
	CYPRESS
Yc	*Port Orford Cedar
	FIR (Balsam)
Bb	*Balsam Fir
Bl	*Alpine Fir
Bm	*Amabilis Red Fir
Bw	*White Fir
	LARCH
Ld	*Dahurian Larch
Lk	*European Larch
	MAPLE
Mb	Box Elder
Mr	*Norway Maple
Mr	*Sycamore Maple
	OAK
Qr	*English Oak
Qw	*White Oak
	OTHER EXOTICS
Oc	*Incense Cedar
Oi	*Giant Sequoia
Oh	*Western Hemlock
Ou	European Mountain Ash
Or	Siberian Elm (southern)
Oa	*Common Ash
Og	Oregon Ash
Ow	*White Ash
Ox	*Caucasian Walnut
Op	Tree-of-heaven
Ow	Japanese Walnut
	PINE
Pa	*Monterey Pine
Pr	*Red Pine
Pp	*Sugar Pine
Pv	*Pinaster
Sn	*Norway Spruce

Line 4

4a AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-120
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 - 46.4
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
SI 05 are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant layer. Site index is estimated unless otherwise noted, age and height, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX
SI is estimated when suitable SI trees a wanst present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes the estimated value, e.g. /20. Codes are Inventory Type Group and SI Estimated source code.

Line 5 Vegetation records

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

NON-TREED SHRUB
- sl SHRUB TALL - shrub with average shrub height > or = to two metres.
- s SHRUB LOW - shrub with average shrub height < two 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
- by BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSSES - bryoid with mosses > 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
be	BEACH	la	LAKE	mz	RUBBLY MINE SPOILS
bl	BOULDERFIELD	lg	LOGGED	ri	RIVER
bi	BRIDGES	ll	LANDING	st	OTHER
bu	BURNED AREA	lk	POND or LAKE SEDIMENTS	pn	SNOW COVER
cl	CLEARING	mi	OPEN PIT MINE	sn	PERMANENT SNOW
cs	EXPOSED SOILS	mn	MORAINE	ss	RIVER / STREAM
gl	GLACIER				

mm RESERVOIR MARGIN
rm RAILWAY SURFACE
rn ROAD SURFACE
rs ROAD SURFACE
ta TALUS
tz TAILINGS
ww WATER

Note: Water categories (la, ds, re, ri) not labelled over 60 percent coverage.

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

ALPINE		NP	NON PRODUCTIVE	SAND	SAND
AF	ALPINE FOREST (Species	NPBR	NON PRODUCTIVE BRUSH	TIDE	TIDAL FLAT
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN	U	URBAN
F	FOREST	NPF	NON PRODUCTIVE FOREST (Species		
GL	GRAVEL BAR	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OR	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
L	LAKE	R	ROCK	NCR	NON COMMERCIAL
M	MEADOW	R	ROCKS	NSR	NOT SUFFICIENTLY RESTOCKED
MUD	MUD FLAT	S	SWAMP	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.

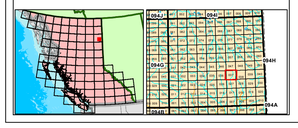
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seeding Fungal Pathogens	V	Problem Vegetation
I	Insects				

Example Opening History Details

Detailed Silviculture information is available on the BCGW as WHSE_FOREST_VEGETATION.RSLT_OPENING_SVW 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 "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



094H046 094H047 094H048 094H036 094H037 094H038 094H026 094H027 094H028

133 72-36 72-39 72-38 72-37 72-35 72-31

Peace Natural Resource District

PEACE RIVER DISTRICT

120°49'0"W 632,000 120°48'0"W 633,000 120°47'0"W 634,000 120°46'0"W 635,000 120°45'0"W 636,000 120°44'0"W 637,000 120°43'0"W 638,000 120°42'0"W 639,000 120°41'0"W 640,000 120°40'0"W 641,000 120°39'0"W 642,000 120°38'0"W 643,000 120°37'0"W 644,000 120°36'0"W 645,000

57°24'0"N 6,368,000 6,365,000 6,362,000 6,359,000 6,356,000 6,353,000 6,350,000 57°17'0"N

Overflow Labels

094H037