103G057

Vegetation Map
103G057

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
- Silviculture Opening in Vegetation
- Permanent Sample Plot (CVS)
- Research Installations

TRIM_Base Features:
- As-Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrkn-Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - 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 Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1,000,000 ha - 15 % 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 Species Composition
ex. the most important layer is described as Fd (Dougls 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)
6 Non-Vegetated Descriptor where codes between forbs and graminoids, shrubs less that 2m.
7 Disturbance History - ex: Logged in 1978

```
CUT
93/1
Fd9Hw1
2A 20
BIGF
GR28
```

Line 1 - History Record Opening Number

CUT - opening number valid for BCGS mapsheet
NEW - 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
Ylm	Mountain Hemlock
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Bl	Amabilis 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
Jsc	Scopulus Mtn. Juniper
Jk	Sweetsie Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	White Pine
Pw	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sxl	Spruce Hybrid
Sxw	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
V	APPLE
Up	Pacific Crab Apple
At	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Acb	Balsam Poplar
Act	Black Cottonwood
Ax	Hybrid Poplars
At	Trembling Aspen
A	ARBUTUS
Ra	Arbutus
E	BIRCH
Ew	Alaska Paper Birch
Ewl	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
Yb	Yellow Birch
Kc	Cascara
V	CHERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vm	Pin Cherry
Q	DOGWOOD
Qp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Qg	Garry Oak
R	WILLOW
Rb	Bebb's Willow
Rp	Pacific Willow
Rha	Peachleaf Willow (Bentley's)
Rsl	Pussy Willow (gray leaved)
Rsp	Scouler's Willow
Rf	Sitka Willow (tea leaved)

UNKNOWN - OTHER

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

EXOTICS

Ue	APPLE
Uk	Apple
	ASPEN, COTTONWOOD or POPLAR
Af	*Southern Cottonwood
Ae	Aspen
Be	European Birch
Ek	Silver Birch (swamp)
Ey	*Yellow Birch
	CHERRY
Yo	*Mazzard Cherry
	CYPRESS
Yo	*Pint Orford Cedar
	LARCH
Be	*Balkans Fir
Bp	Noble Fir
Bm	*Shasta Red Fir
Bl	*White Fir
	MAPLE
Lt	*Daharian Larch
La	*Siberian Larch
	MAPLE
Me	Box Elder
Mr	Norway Maple
Mi	*Sycamore Maple
	OAK
Qr	Northern Oak
Qw	*White Oak
	OTHER EXOTICS
Ce	*Incense Cedar
Cb	*Giant Sequoia
Cs	*Monterey Cypress
Qsf	European Mountain Ash
Ow	Siberian Elm (southern)
Of	Common Pear
Og	Dragon Ash
Ob	Black Ash
O	*Shagbarck Hickory
Ot	Tree of heaven
Ow	*Siberian Walnut
	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Ps	*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 - 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

Site Index (SI) 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, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX

Site Index estimates are used where no permit present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. Associated fields 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
- d SHRUB TALL - shrub with average shrub height > or = to two metres.
- z SHRUB LOW - shrub with average shrub height < two metres.

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

NON-TREED BRYOID
- by BRYOID - bryoid with no distinction between mosaics and lichens by cover.
- 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
- ef Exposed Land
- rs Rock / Rubble
- si Snow / Ice

NON VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gp	GRAVEL PIT	mu	MUDFLAT SEDIMENT
be	BEACH	la	LAKE	mz	MUSEUM / MINE SPOILS
bl	BLOCKFIELD	lk	LAVA BED	oc	OCEAN
br	BOULDER	ol	OIL WELL	rn	ROCK
bu	BURNED AREA	p	POND or LAKE SEDIMENTS	pn	SNOW COVER
cb	CUTBANK	mi	OPEN PIT MINE	re	RESERVOIR
ds	DISTURBED SOILS	mo	MORAINE	r	RIVER / STREAM
g	GLACIER				

mm	RESERVOIR MARGIN		
rm	RAILWAY SURFACE		
rs	RIVER SEDIMENTS		
rd	ROAD SURFACE		
ta	TALUS		
tl	TAILINGS		
ur	URBAN		

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

A	ALPINE	NP	NON PRODUCTIVE	SAND	SAND
B	BURNED FOREST /Species	NPB	NON PRODUCTIVE BRUSH	SLAT	SLATE
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN	U	URBAN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST /Species		
D	DELTA FAN	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OR	OUTCROP RANGE	NCB	NON COMERCIAL BRUSH
ICE	ICEFIELD	R	ROCK	NP	NON PRODUCTIVE
M	MEADOW	S	SWAMP	NSR	NOT SUFFICIENTLY RESTOCKED
MUD	MUD FLAT			NTA	NO TYPING AVAILABLE

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.

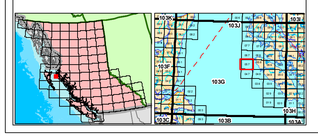
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seeding Fungal Pathogens	V	Problem Vegetation
I	Insects				

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either iMF or AXMap. 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



130°49'0"W 360,000 130°48'0"W 361,000 130°47'0"W 362,000 130°46'0"W 363,000 130°45'0"W 364,000 130°44'0"W 365,000 130°43'0"W 366,000 130°42'0"W 367,000 130°41'0"W 368,000 130°40'0"W 369,000 130°39'0"W 370,000 130°38'0"W 371,000 130°37'0"W 372,000 130°36'0"W 373,000 130°35'0"W

54°46'30"N 6,546,000 54°45'30"N 6,544,000 54°44'30"N 6,542,000 54°43'30"N 6,540,000 54°42'30"N 6,538,000 54°41'30"N 6,536,000 54°40'30"N 6,534,000 54°39'30"N 6,532,000 54°38'30"N 6,530,000

103G067

103G068

61-58

61-57

103G057

112

Coast Mountains Natural Resource District

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Haida Gwaii Natural Resource District

63-37 7

103G047

RANGE 4 COAST DISTRICT

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Overflow Labels

103G057