103A008

Vegetation Map
103A008

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRIMS1 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 best available data for the Ministry of Forests, Lands, and Natural Resource Operations. The information portrayed may not be complete and is 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 Feature s:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (GY S)
- Research Installations

TRIM - Base Feature s:
- 4x4 Trail Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf ields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- HydrkedDarkens - 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 - 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 S=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%), S12dm
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

OP - opening number valid for BCGS mapsheet
now - 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

Cw	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
Fd	DOUGLAS FIR
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Bg	Grand 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	Seaside Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Limber Pine
Pli	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Plc	Lodgepole Pine (coast)
Pla	Shore Pine (coast)
Pw	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Sa	Engelmann Spruce
Se	Engelmann Spruce
Ss	Sitka Spruce
Sxe	Spruce hybrid
Sx	Spruce hybrid
Sxw	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	DECIDUOUS
Dr	Red Alder
U	APPLE
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPULAR
At	Aspen
Act	Balsam Poplar
Act	Black Cottonwood
Ac	Trembling Aspen
At	Trembling Aspen
B	ARBUTUS
Bg	Alnituke
E	BIRCH
Ep	Alaska Paper Birch
Exp	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ey	Water Birch
K	CASCARA
Kc	Cascara
C	CHERRY
Cb	Bitter Cherry
Cv	Choke Cherry
Cp	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broadleaf Maple (broadleaf)
Mn	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Ww	Peachleaf Willow (Barclay's)
Wr	Red Willow (Drummond's Willow)
Wy	Scouler's Willow
Ws	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

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

EXOTICS

Ue	Alnus
	ASPEN, COTTONWOOD or POPULAR
Ad	*Southern Cottonwood
	BIRCH
Ea	*Common Birch
Es	Silver Birch (swamp)
Ey	*Yellow Birch
	CHERRY
Ys	Sweet Cherry
	CYPRESS
Yt	*Port Orford Cedar
	FIR (Balsam)
Be	*Noble Fir
Bs	Noble Fir
Bm	*Shasta Red Fir
Bs	*White Fir
	LARCH
Le	*Dahurian Larch
Lx	*Siberian Larch
	MAPLE
Mr	Red Maple
Mr	*Norway Maple
Ms	*Sycamore Maple
	OAK
Qe	*English Oak
Qn	*Red Oak
	OTHER DECTIOS
Ow	*Incense Cedar
Ol	*Western Larch
Oc	*Coast Redwood
Oe	European Mountain Ash
Ow	Siberian Elm (southern)
Of	Common Pear
Oa	*Bigleaf Maple
Ow	*White Ash
Oc	*Shagbarck Hickory
Oj	Tree-of-Heaven
Ow	Japanese Walnut
	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Pa	*Austrian 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
All SI are intends for the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dwelling 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
SI is estimated when suitable SI trees were not present, e.g. young stands (<30y rs). 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
- s SHRUB TALL - shrub with average shrub height > or = to two metres.
- s SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- hg HERB - herb with no distinction between forbs and graminoids.
- hf HERB - FORBS - herb with forbs predominant.
- 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, liverworts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
- a Alpine Land
- r Rock / Rubble
- w Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ac	ASH/CINDER	gr	GRAVEL PIT	mu	MUDFLAT SEDIMENT
ba	BEACH	la	LAKE	mz	RUBBLE MINE SPOILS
bl	BLOCKFIELD	rb	RIVERBED	ow	OCEAN
br	BEDROCK	l	LANDING	o	OTHER
la	SURFACE AREA	lk	POND or LAKE SEDIMENTS	ps	SNOW COVER
mi	MINE	mz	MINE SPOILS	pi	PERM ICE
ss	S.S.P.O.SOILS	mn	MORAINE	r	RIVER / ESTREAM
gl	GLACIER				

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

mr	RESERVOIR MARGIN				
rm	RAILWAY SURFACE				
rs	RIVER SEDIMENTS				
rz	ROAD SURFACE				
ta	TALUS				
tz	TAILINGS				
ur	URBAN				

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

A	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		
G	GRAMIN. MAN	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OR	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
ICE	ICE FIELD	P	HAY/ FIELD	NP	NON PRODUCTIVE
M	MEADOW	R	ROCK	NSR	NOT SUFFICIENTLY RESTOCKED
MUD	MUDFLAT	S	SWAMP	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.

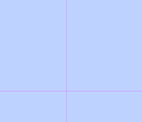
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mtce Damage	T	Treatement Injuries
C	Cone and Seed Insects	N	Nonbiological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

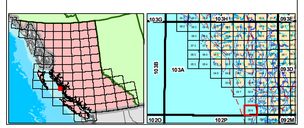
Example Opening History Details

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





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103A019

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103A008

107

North Island - Central Coast Natural Resource District

54-7

RANGE 3 COAST DISTRICT

54-6

RANGE 2 COAST DISTRICT

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102P099

Overflow Labels

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