093I015

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
093I015

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 (GYS)
- Research Installations

TRIM, Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf/Aerias
- Other lines
- Powerline
- 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 - 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:

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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 (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 herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
 6    Disturbance History & year - ex: Logged in 1978
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Line 1 - History Record Opening Number

OP - opening number valid for BCGS mapsheet ZOP - 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
F	DOUGLAS FIR
Fd	Douglas Fir
Fc	Coastal Douglas Fir
Fm	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Pacific Fir
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	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Plg	Lodgepole x Jack Pine hybrid
Pli	Lodgepole (Inland)
Pp	Ponderosa Pine (yellow)
Pla	Shore Pine (coast)
Pw	Western White Pine
Pxj	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxw	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
A	ARBUTUS
Ue	Pacific Crab Apple
Ac	ASPEN, COTTONWOOD or POPLAR
At	Poplar
Act	Balsam Poplar
Ad	Black Cottonwood
Ax	hybrid Poplars
Aw	Trembling Aspen
E	ARBUTUS
Ea	Arbutus
B	BIRCH
Ew	Alaska Paper Birch
Ekw	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
Vp	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Bamby's)
Ww	Pussy Willow (grey-leaved)
Wr	Scouler's Willow
Wl	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

A	APPLE
Ua	Apple
Ax	ASPEN, COTTONWOOD or POPLAR
Ad	Black Cottonwood
E	BIRCH
Ea	European Birch
Ekw	Alaska x Paper Birch
Ey	Yellow Birch
Y	CHERRY
Yt	Japanese Cherry
C	CYPRESS
Yp	Port Orford Cedar
F	FIR (Balsam)
Bb	Balkan Fir
Bc	Grecian Fir
Bm	Sithaka Red Fir
Bs	White Fir
L	LARCH
Ld	Daharian Larch
Lk	Siberian Larch
M	MAPLE
Me	Box Elder
Mh	Norway Maple
Ms	Sycamore Maple
O	OAK
Oe	English Oak
Qw	White Oak
	OTHER EXOTICS
Ch	Horse Chestnut
Ck	Giant Sequoia
Cl	Coast Redwood
Xe	European Mountain Ash
Qw	Siberian Elm (caulfenh)
Qf	Common Pear
Og	Oregon Ash
P	PINE
Pa	Austrian Pine
Pf	Red Pine
Py	Sugar Pine
S	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	101-140
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 shown to 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 combination, a letter code is used instead.

4e ESTIMATED SITE INDEX

SI is estimated when suitable SI trees aeend 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)

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

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

NON-TREED BRYOID
- br 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
- st Exposed Land
- rs Rock / Rubble
- si Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gp	GRAVEL PIT	mu	MUDFLAT SEDIMENT
ar	ROCK	ic	ICE	mw	RUBBLE MINE SPOILS
bf	BLOCKFIELD	la	LAVA BED	oc	OCEAN
bs	BEDROCK	ld	LANDING	ot	OTHER
bu	BURNED AREA	lk	POND or LAKE SEDIMENTS	pn	SNOW COVER
ds	DISTURBED	mi	MINE SITE	ri	RIVER / STREAM
es	EXPOSED SOILS	mn	MORAINE	rr	RIVER / STREAM
gl	GLACIER				

Note: Water categories (ta, oc, re, ri) not labelled over 90 percent coverage.