092B053

Vegetation Map
092B053

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 / Terrain

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to display the vegetation resource data. The data is dynamic and the boundaries, especially those adjacent to private land, may not be complete and up to date. Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revised in 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:
- All Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- 4x4 Parkey
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric polygons - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MV_Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrains
- 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 (Douglas Fir) and Hw (Western Hemlock).
   Cw (Western Red Cedar) is present but is a minor component (less than 20%).
   ex: stand is age class 2 (21-40 yrs), height class 1 (0-1.3 Mts), crown closure class 1 (6-15%), SI 20m
4. Vegetated Density Class (or Non-Forest Productive Descriptor)
   ex: a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
5. Disturbance history & year: ex: Logged in 1978

Line 1 - History Record Opening Number

opening number/void for BCGS mapsheet — 0XXX - 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 4.0 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Yc	CEDAR
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Bm	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
La	LARCH
Lw	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Plx	Lodgepole x Jack Pine hybrid
Pxj	Pondersosa Pine (yellow)
Ply	Shore Pine (coast)
Pw	Western White Pine
Pxw	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	Hybrid Spruce
Sw	White Spruce
Sx	Sitka x Hybrid
Sxl	Sitka x White
Sxw	Sitka x unknown hybrid
Ss	Sitka
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka Alder
Ep	Paper Birch
E	ASPEN
A	ASPEN, COTTONWOOD or POPLAR
At	Trembling Aspen
Ac	Black Cottonwood
Act	Balsam Poplar
Ax	Hybrid Poplar
R	ARBUTUS
Ra	ARBUTUS
B	BIRCH
Ep	Paper Birch
Ebp	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ekp	Alaska Birch
G	OGC/GMA
Kc	Cascara
Kp	Pacific Dogwood
V	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Z	ROWWOOD
Gp	(Pacific) Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gb	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peach-leaf Willow (Blackleaf's)
Wf	Fussy Willow (grey-leaved)
Ws	Scouler's Willow
Wx	Willow (other hybrid)

UNKNOWN - OTHER

x	UNKNOWN
u	unknown conifer
ux	unknown hardwood
Zc	other conifer (not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ua	Apple
Ax	Hybrid COTTONWOOD or POPLAR
Ad	*Southern Cottonwood
	BIRCH
Ek	*European Birch
Ey	Silver Birch (swamp)
Ey	*Yellow Birch
	CHERRY
Vs	Sweet Cherry
	CYPRESS
Ly	*Port Orford Cedar
	FIR (Balsam)
Bb	*Noble Fir
Bs	Noble Fir
Bh	*Shasta Red Fir
Bn	Shasta Red Fir
	LARCH
Ld	*Dahurian larch
Le	*European larch
	MAPLE
Mk	Box Elder
Mr	*Red Maple
Ms	*Sycamore Maple
	OAK
Oe	*English Oak
Om	*White Oak
	OTHER EXOTICS
Ce	*Incense Cedar
Cg	*Giant Sequoia
Cs	*Coast Redwood
Ol	European Mountain Ash
Os	Siberian Elm (southern)
Ou	Siberian Elm
Oy	Oregon Ash
Ot	*White Ash
Ow	*Black Walnut, Hickory
Q	Tree of Heaven
Oj	Japanese Walnut
Ot	Ash
Pm	*Monterey Pine
Pr	*Red Pine
Pa	*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)
1	0 - 5
2	6 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
0	86 - 100

4d SITE INDEX

SI is estimated by the nearest mate 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 instead of, the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees are not 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 X 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
- 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 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
- E Exposed Land
- rs Rock / Subsoil
- w Snow / Ice

NON-VEGETATED CATEGORIES (for Y and I records)

ae	ASH/C	mg	MUDFLAT SEGMENT
at	BEACH	mr	RUBBLY MINE SPOILS
bl	BLOCKFIELD	oc	OCEAN
br	BURN	ow	OPEN WATER
bs	BURNED AREA	sc	SNOW COVER
cb	CUTBANK	re	RESERVOIR
ds	DEBRIS SLIDES	rv	RIVER / STREAM
gl	GLACIER		

rm	RESERVOIR MARGIN
rp	RAILWAY SURFACE
rs	RIVER SEDIMENTS
rz	ROCK SURFACE
sl	SALINE
tl	TAILINGS
u	URBAN

Note: Water categories (re, rv, oc) not labelled over 50 percent coverage.

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

A	ALPINE
AF	ALPINE FOREST (Species
BM	BOG (TREED
CL	CULTIVATED
GL	GRAVEL BAR
GR	GRAVEL PIT
ICE	ICEFIELD
L	LAKE
MUD	MUDFLAT
MF	MIXED FOREST
NPBR	NON-PRODUCTIVE BRUSH
NPBU	NON-PRODUCTIVE BURN
NPF	NON-PRODUCTIVE FOREST (Species
NPL	NON-PRODUCTIVE/LAKE
O	OTHER/MISC
P	HAYFIELD
R	ROCK
S	SWAMP
SAND	SAND
TIDE	TIDAL FLAT
URBAN	URBAN
NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NP	NON PRODUCTIVE
NSR	NOT SATISFACTORILY RESTOCKED
NTA	NOT/TIMBLE/AVAILABLE

Line 6 - Disturbance History

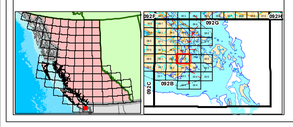
Disturbance type code preceded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

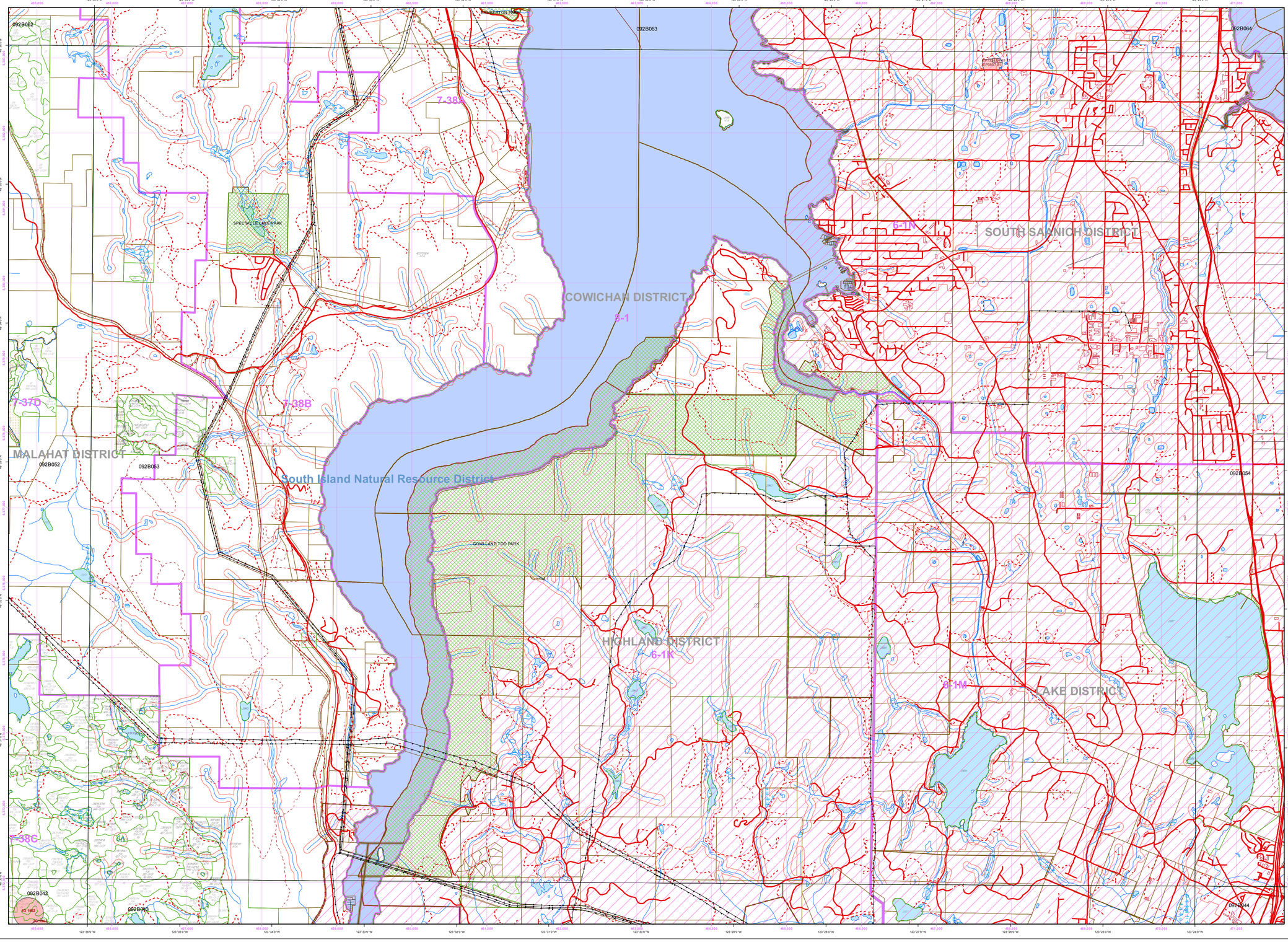
A	Animal Damage	L Logging
B	Wildfire	M Mtn Damage
C	Cone and Seed Insects	N Non-Biological Injuries
D	Disease	P Cone and Seedling Fungal Pathogens
I	Insects	
		R Site Rehabilitation
		T Treatment Injuries
		U Damage Unknown
		V Problem Vegetation

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
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- SILVICULTURE BLOCK
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH





Overflow Labels

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