Vegetation Map
092F026

Scale 120,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / 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 vegetation resource inventory (VRI) data. The VRI is a dynamic inventory and as such, some of 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 (CFS)
- Research Installations

TRIM_Base Features:
- All-Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- 4x4 Parking
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrkd/Wetlands - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- NV_Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licences - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:1,000,000 ha) - 15 % hatch)
- Municipal boundary (1:1,000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet Grid (120,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and multilayer stand indicator (L)
3 Species Composition
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)
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

xxxx - opening number valid for BCGS mapsheet zzzx - 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 listed 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	WESTERN RED CEDAR
Y	CYPRESS
Yc	Cypress Cedar
Y	DEUCALYPTUS
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
Jc	Rocky Mt. Juniper
Jd	Seaside Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	White Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Plx	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pxw	Western White Pine
Pyj	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sw	White Spruce
Sxe	Spruce hybrid
Sxw	Engelmann x White
Sxs	Sitka x White
Sxx	Unknown spruce hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	BROADLEAF
Ac	Red Alder
U	APPLE
Ue	Pacific Crab Apple
At	ASPEN, COTTONWOOD or POPLAR
Ac	Trembling Aspen
Ax	Hybrid
At	Balsam Poplar
Act	Black Cottonwood
Ad	Red Alder
Ae	Trembling Aspen
R	ARBUTUS
Ra	Arbutus
E	BIRCH
Ea	Alaska Paper Birch
Ebp	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
K	Cascara
V	CHERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vm	Black Cherry
Vp	Pin Cherry
D	DOGWOOD
Dw	Western Flowering Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Og	Garry Oak
Or	Oregon Oak
W	Bebb's Willow
Wp	Pacific Willow
Wpb	Pacific/Bebb Willow (Bebb's)
Wpl	Pacific Willow (Lyalls leaved)
Wr	Peach-leaved Willow
Wsl	Sitka Willow (Lyalls leaved)

UNKNOWN - OTHER

X	UNKNOWN
xc	UNKNOWN conifer
xh	unknown hardwood
Z	OTHER (less-known list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ue	APPLE
Ad	ASPEN, COTTONWOOD or POPLAR Southern Cottonwood
Ea	European Birch
Ey	Green Birch (swamp) Yellow Birch
Ep	Paper Birch
Vs	Sweet Cherry
Y	CYPRESS
Yp	Monterey Cedar
F	FIR (Eastern)
Fb	Balsam Fir
Fg	Grand Fir
Fr	Rhesus Red Fir
Fw	White Fir
L	LARCH
Ld	Dahurian Larch
Le	Siberian Larch
M	MAPLE
Mb	Bigleaf Maple
Mn	Norway Maple
Mr	Sycamore Maple
O	OAK
Oe	English Oak
Ow	White Oak
P	PINE EXOTICS
Pa	Austrian Pine
Pc	Giant Sequoia
Pn	Japanese Black
Pd	European Mountain Ash
Pe	Siberian Elm (southern)
Pf	Common Pear
Pg	Gingko Ash
Ph	Horse Chestnut
Pi	Shagbark Hickory
Pj	Tree of Heaven
Pk	Japanese Walnut
Pm	Monterey Pine
Pn	Red Pine
Pp	Taiga 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	101-120
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

At 50 years where is the nearest metre reference at 50 years
Breast Height Age. SI is based on the age and height of the dominant trees. Site index curves are obtained from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated where no site curves are/or present, eg. Site Series, Ecosystem. The estimated SI is always preceded by a slash which is always present in 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
- w 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.
- xf HERB - FORBS - herb with forbs > 50% of the herb cover.
- xg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
- by BRYOID - 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
- v Non-Vegetated Land
- rs Rock / Rubble
- s Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gp	GRAVEL PIT	mg	MUDFLAT SEDIMENT
bg	BEACH	l	LAKE	mo	RUBBLY MINE SPOILS
bl	BOULDERFIELD	la	LAKE BED	oc	OCEAN
br	BEDROCK	ld	LANDING	ot	OTHER
bu	BURNED AREA	lk	POND or LAKE SEDIMENTS	pr	SNOW COVER
cb	CLIFF or BLUFF	m	MINE or MINE SPOIL	r	RIVER or STREAM
es	EXPOSED SOILS	ms	MORAINE	s	RIVER ESTUARY
g	GLACIER				

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

rm	RESERVOIR MARGIN		SAND SAME		
rn	RAILWAY SURFACE		SI SILT FLAT		
rr	RIVER SEDIMENTS		URBAN		
rz	ROAD SURFACE				
ta	TALUS				
tz	TAILINGS				
u	URBAN				

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

A	ALPINE	NP	NON-PRODUCTIVE		
B	BURN - FOREST / Species	NPBR	NON-PRODUCTIVE BRUSH		
C	CULTIVATED	NPBU	NON-PRODUCTIVE BURN		
DL	CLAY BANK	NPF	NON PRODUCTIVE FOREST / Species		
DS	GRAVEL BANK	NPL	NON PRODUCTIVE LAKE	NC	NON-COMMERCIAL
DR	GRAVEL PIT	OR	ORCHARD/VINEYARD	NCBR	NON-COMMERCIAL BRUSH
EVE	VEGFIELD	P	HAYFIELD	NP	NON PRODUCTIVE
MU	MUD FLAT	R	ROCK	NPBR	NON-PRODUCTIVE BRUSH/CUT RESTOCKED
MUD	MUDFLAT	S	SWAMP	NTA	NO TYPING AVAILABLE

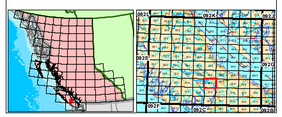
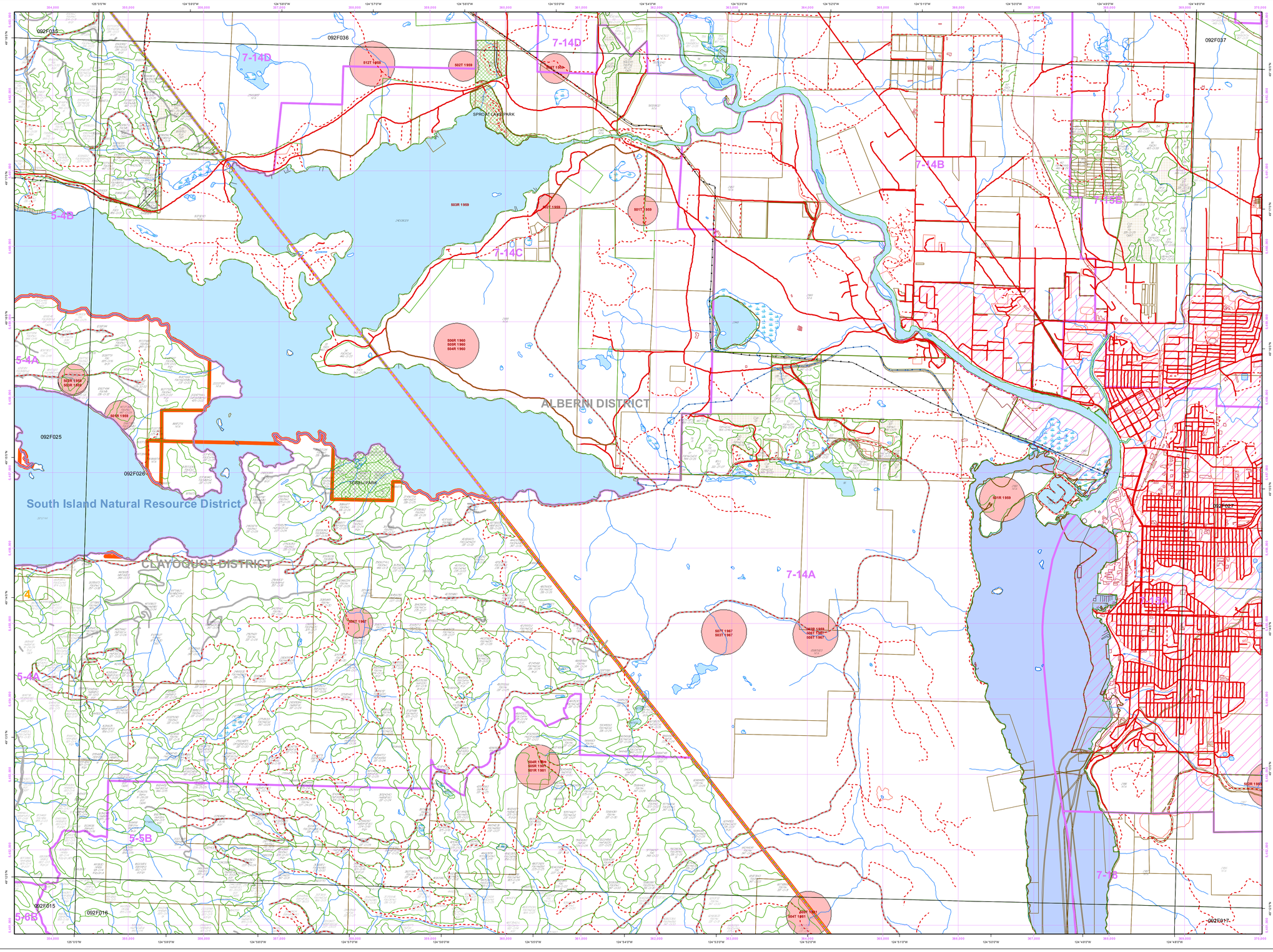
Line 6 - Disturbance History

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
B	Wildfire	M	Mite 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" to turn on display values for :

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