092I033

Vegetation Map

092I033

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 display the vegetation resource inventory (VRI) information. Some of the VRI information that is displayed or 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 (VYS)
- Research Installations

TRIM, Base Features:

- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Act-Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroline/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 (1:1,000,000 Na - 15 % hatch)
- Municipal boundary (1:1,000,000 Nat.) - 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 Structure 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).
4 Stand Age, Average Height, Crown Closure, Site Index - see codes - estimated SI
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-10%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex. a forb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Opening Number :

OGD - opening number valid for BCGS mapsheet XXXW - 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 :

Tree species codes above 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 dataed January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	YELLOW CEDAR
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Ba	Amabilis Fir
Bg	Grand Fir
Bl	SUBALPINE FIR(PA)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetin 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 Pine (coastal)
Pp	Ponderosa Pine (yellow)
Ppi	Shore Pine (coast)
Pw	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Se	Englemann Spruce
Sei	Englemann Spruce
Ss	Sitka Spruce
Sx	Spruce Hybrid
Sxw	Engelmann x White
Sxl	Spruce Hybrid
Sxs	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
U	APPLE
Up	Pacific Crab Apple
At	ASPEN, COTTONWOOD or POPLAR
A	ASPEN
Ac	Poplar
Ac	Balsam Poplar
Act	Black Cottonwood
Ax	hybrid Poplars
Ay	Trembling Aspen
E	ARBUTUS
Ep	Arbutus
G	ASH
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gb	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wr	Pacific Willow
Ww	Peachleaf Willow (Bankside Tr)
Wy	Scouler's Willow (Mountain)
Ws	Scouler's Willow
Wf	Sitka Willow (Sea-brained)

UNKNOWN - OTHER

X	UNKNOWN
Xc	Cherry or Choke Cherry
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zd	Dogwood
Zh	other hardwood

EXOTICS

	APPLE
Ua	Siberian Crab
	ASPEN, COTTONWOOD or POPLAR
Ae	Tacuhmn Cottonwood
	BIRCH
Ea	European Birch
Ek	Kamchatka (Asiatic)
Ev	Yellow Birch
	CHERRY
Yb	Bird Cherry
	CYPRESS
Tp	Rnot Oriked Cedar
	HEMLOCK
Hs	Tsuga Fir
Hn	Noble Fir
Hsi	Sitka x Red Fir
	LARCH
Lk	Siberian Larch
Ld	Tolerian Larch
	PINE
Mk	Box Elder
Mn	Norway Maple
Mr	Red Maple
	OAK
Qm	Mongolian Oak
Qw	White Oak
	OTHER EXOTICS
Ch	Horse Chestnut
Ck	Giant Sequoia
Ok	Coast Redwood
Ot	Other Exotic Deciduous Ash
Ob	Siberian Elm (southern)
Of	Common Pear
Ow	Black Walnut
Oh	White Ash
Ot	Shaghairk Hickory
Ol	Littleleaf Linden
Oj	Japanese Walnut
	PINE
Pm	Monterey Pine
Pr	Red Pine
Pa	Sugar Pine
Pn	Nobles Fir
Sn	Norway Spruce

Line 4 :

4a AGE CLASS

CODE	AGE (years)
1	1-20
2	21-40
3	41-60
4	61-80
5	81-100
6	101-120
7	121-140
8	141-200
9	251 +

4b HEIGHT CLASS

CODE	HEIGHT (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	CLOSE (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

Site Index is the height in 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 measurements, an estimated SI is entered after, or replaces the SI.

4e ESTIMATED SITE INDEX

SI is estimated when site trees are absent or when enrest 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 record):

NON FREED SHRUB

- s SHRUB - shrub with average shrub height = or > to two metres.
- d SHRUB (Tall) - shrub with average shrub height = two metres.

NON FREED HERB

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

NON FREED BRYOID

- by BRYOID - bryoid with no distinction between mosses and lichens by cover.
- m BRYOID - MOSSES - bryoid with mosses > 50% of the bryoid cover.
- li BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I record):

ap	AIRPORT	gp	GRAVEL PIT	mu	MUDFLAT SEDIMENT
be	BEACH	lk	LAKE	mp	RUBBLY MINE SPOILS
bf	BOTTOMFIELD	ls	LAKE SED	o	OTHER
br	BEDROCK	l	LANDSLIDE	ol	OTHER
bu	BURNED AREA	b	POND or LAKE SEDIMENTS	pi	SNOW COVER
ds	DUNE SAND	r	RIVER	pi	PERMANENT ICE
ex	EXPOSED SOILS	rm	ANOMALY	r	RIVER / STREAM
gl	GLACIER		Note: Water categories (lk, ls, rs, r) not labelled over 90 percent coverage.		

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

A	ALPINE	NP	NON PRODUCTIVE	SAND	SAND
AF	ALPINE FOREST /Species	NPBR	NON PRODUCTIVE BRUSH	SF	SALT FLAT
CL	CULTIVATED	NPBU	NON PRODUCTIVE BURN	U	URBAN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST /Species		
GR	GRASS / HERB	NPL	NON PRODUCTIVE NONFORESTABLE	NC	NON COMMERCIAL
GR	GRASS, WET	OR	OPEN RANGE	NCBR	NON-COMMERCIAL BRUSH
ICE	ICEFIELD	P	HAYFIELD	NP	NON PRODUCTIVE
L	LAKE	R	ROCK	NPBR	NON PRODUCTIVE BRUSH/TREED
MUD	MUD FLAT	S	SWAMP	NTA	NOTTYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceeded by symbol, followed by earliest date
For description of disturbance type designates category, refer to official code list for sub-category descriptions.

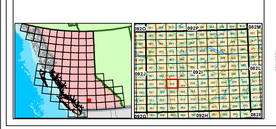
A	Animal Damage	L Logging	R Site Rehabilitation
B	Birds	N Non-Damage	U Disturbance Unknown
C	Cone and Seed Insects	N Non-Biological Injuries	U Damage Unknown
D	Diseases	P Cone and Seedling Fungal Pathogens	V Problem Vegetation
I	Insects		

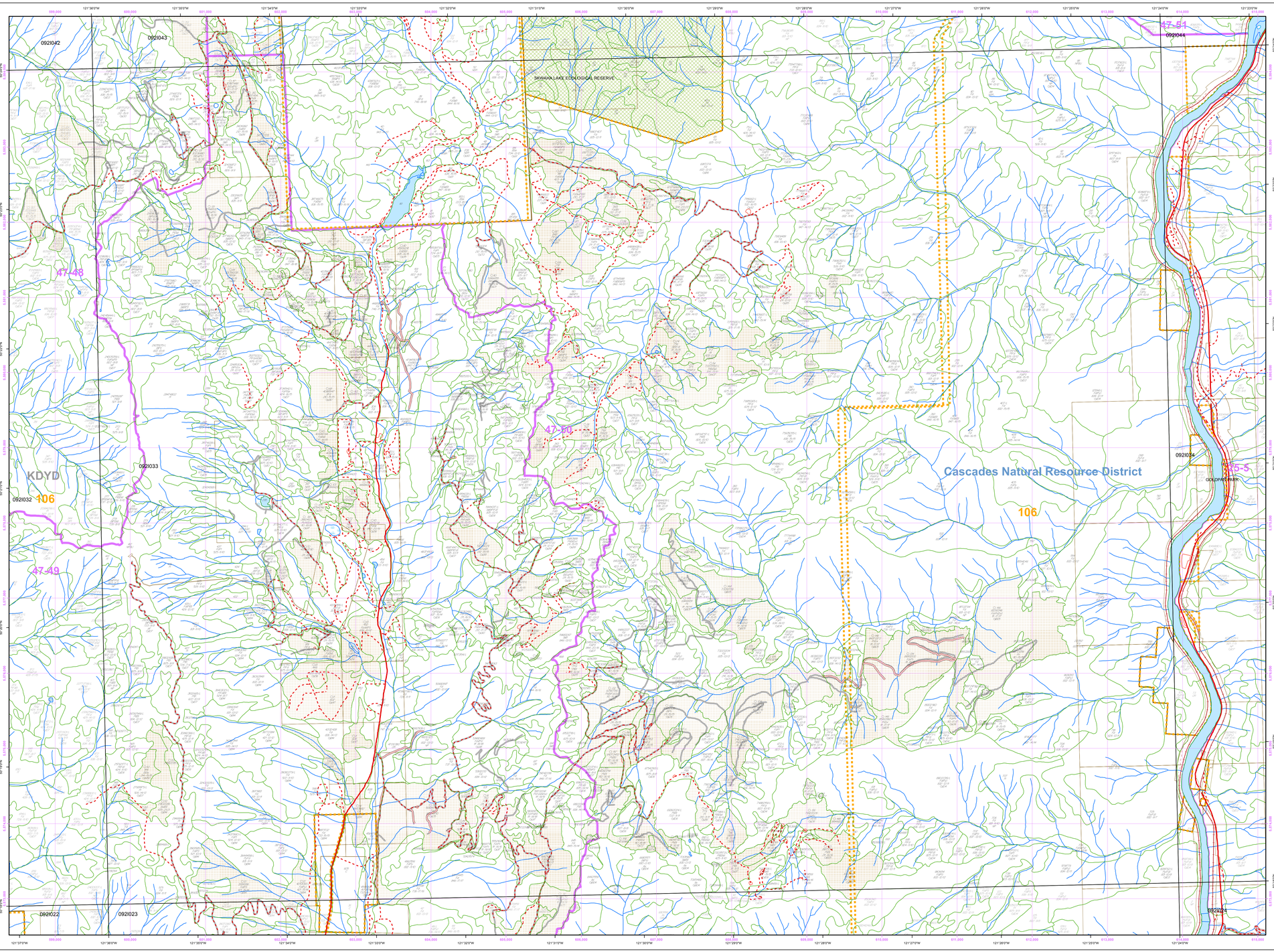
Example Opening History Details

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





Overflow Labels