Vegetation Map
092P048

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

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 specific information for a specific area at a specific time and for a specific purpose. 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
- Structure Opening in Vegetation
- Permanent Sample Plot (2YS)
- Research Installations

TRIM. Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- 4x/Tenures
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines/Items - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BEC Region Compartment - FADM
- Provincial Forest area - FADM
- TSA Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrains
- Municipal boundary (1:1,000,001 ha - 76 % hatch)
- Municipal boundary (1:1,000,000 ha) - ha 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 (Forest Health Agent stand indicator (L))
3 Species Composition
ex: the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4 Age Class (1-10) and Height Class (1-7) separated by a slash (/)
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: Sparsely vegetated with trees, shrubs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1976

Line 1 - History Record Opening Number

cut - opening number valid for BCGS mapsheet
cruw - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

Multi-layered stands can range from one to nine digits
Each layered stand is 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 Codes List" version 4.5 dated January 2009.

NATIVE CONIFERS

Ac	Western Red Cedar
Y	CYPRESS
Ay	Yellow Cedar
F	DOUGLAS FIR
Fd	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Bl	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
B	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sitaside Juniper
L	LARCH
La	Subalpine larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Jack Pine
Pf	Limber Pine
Pl	Lodgepole Pine (interior)
Plc	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pli	Lodgepole Pine
Pw	Western White Pine
Pyj	Whitebark Pine
Prc	Red Pine
S	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sxl	Spruce hybrid
Sxe	Engelmann x White
Sxw	White x Sitka
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

E	ALDER
D	Red Alder
U	APPLE
C	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
At	Balsam Poplar
Act	Black Cottonwood
Ae	Trembling Aspen
Ax	Trembling Aspen
Ep	BIRCH
Am	Alnaska
Ea	Alaska Paper Birch
Eap	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
G	GARRY OAK
V	CHERRY
Vm	Mazzard
Vc	Choke Cherry
Vi	Pin Cherry
Vp	Bitter Cherry
Vp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broad Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gb	Garry Oak
Or	Red Oak
W	Bebb's Willow
Wp	Pacific Willow
Wb	Black Willow (Bebbs's)
Wr	Pussy Willow (pyra-leaved)
Wh	Scouler's Willow
Wy	Sitka Willow (Sitka-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zh	Holly
Zm	Mtn. Ash/Sword

EXOTICS

Ax	ASPEN, COTTONWOOD or POPLAR
Axt	Trembling (Siberian)
Ep	BIRCH
Epu	European Birch
Epw	European (White/Common)
Ey	Yellow Birch
Ew	Water Birch
Vs	Sweet Cherry
Vu	Bird Cherry
Vp	Pear (Ussuri)
Fm	FIR (Balsam)
Fb	Noble Fir
Fg	Grand Fir
Bm	*Shasta Red Fir
Fn	Nikko Fir
Lk	LARCH
Lkp	*Japanese Larch
Le	*Siberian Larch
Mb	MAPLE
Mk	Box Elder
Mr	*Norway Maple
Mp	*Norway/Silver Maple
O	OAK
Qe	*English Oak
Qr	Red Oak
Qg	*Garry Oak
Qm	*Mongolian Oak
Qb	*Giant Sequoia
Qn	*Northern Pin Oak
Qp	European Mountain Ash
Qs	Siberian Elm (southern)
Qw	*Swamp White Oak
Qg	Oregon Ash
Qn	*White Ash
Qp	*Green Ash/Red Ash
Qr	Pyramidal Oak
P	PINE
Pa	Austrian Pine
Pr	*Red Pine
Py	*Ponderosa Pine
Pp	*Eldar Pine
Pw	*Norway Spruce

Line 4

4a. AGE CLASS

CODE	AGE CLASS (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	HEIGHT CLASS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
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	CLASS (percentage)
0	0 - 5
T	6 - 15
1	16 - 25
2	26 - 35
3	36 - 45
4	46 - 55
5	56 - 65
6	66 - 75
7	76 - 85
8	86 - 100

4d SITE INDEX

All SI values in the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. SI values are derived from inventory age and height, estimated SI is shown after an replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when actual SI trees cannot present, e.g. young stands (<30yrs). It is denoted by a slash which always follows the site index species code (e.g. Fd/). Source of inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON TREE CATEGORIES (for V and I records)

H	HERB - FORBS
G	HERB - GRAMINOIDS
S	SHRUB LOW
T	SHRUB TALL

- which with average shrub height > or = to two metres.
- which with average shrub height < two metres.

NON-TREED HERB

- herb with no distinction between forbs and graminoids.
- herb with forbs > 50% of the herb cover.
- herb with graminoids > 50% of the herb cover.

NON-TREED MOSS

M	MOSS
MF	MOSS - FEATHER
MP	MOSS - SPHAGNUM

- Mcpet with no distinction between mosses and lichens by cover.
- Mcpet with mosses dominant - and forming > 50% of the bryoid cover.
- Mcpet with lichens dominant.

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gp	GRAVEL PIT	mi	RESERVOIR MARGIN
be	BEACH	la	LAKE	ra	RAILWAY SURFACE
bl	BOULDERFIELD	ri	RIVER	rd	ROAD SURFACE
bi	BEDROCK	ld	LANDING	rs	ROAD SURFACE
cb	CUTBANK	rs	POND or LAKE SEDIMENTS	sa	SALTFLAT
cb	CUTBANK	rs	RIVER SEDIMENTS	sl	SALINAS
ds	DISTURBED SOILS	sn	SNOWBANK	sl	SALINAS
ev	EXPOSED ROCK	ve	VOLCANIC ASH - Other than on a forested soil	ur	URBAN

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

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON PRODUCTIVE BRUSH
B	BARREN	NPF	NON PRODUCTIVE FOREST
CL	CLAY BANK	NPFS	NON PRODUCTIVE FOREST (Species
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE
GL	GLACIER ICE	R	ROCK OUTCROP
ICE	ICEFIELD	SAND	SAND
M	MEADOW	TIDE	TIDAL FLAT
MUD	MUD FLAT	WATER	WATER

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.

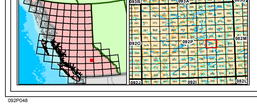
A	Animal Damage	L	Logging
B	Wildfire	M	Mine Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	T	Cone and Seedling Fungal Pathogens
		R	Site Rehabilitation
		S	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

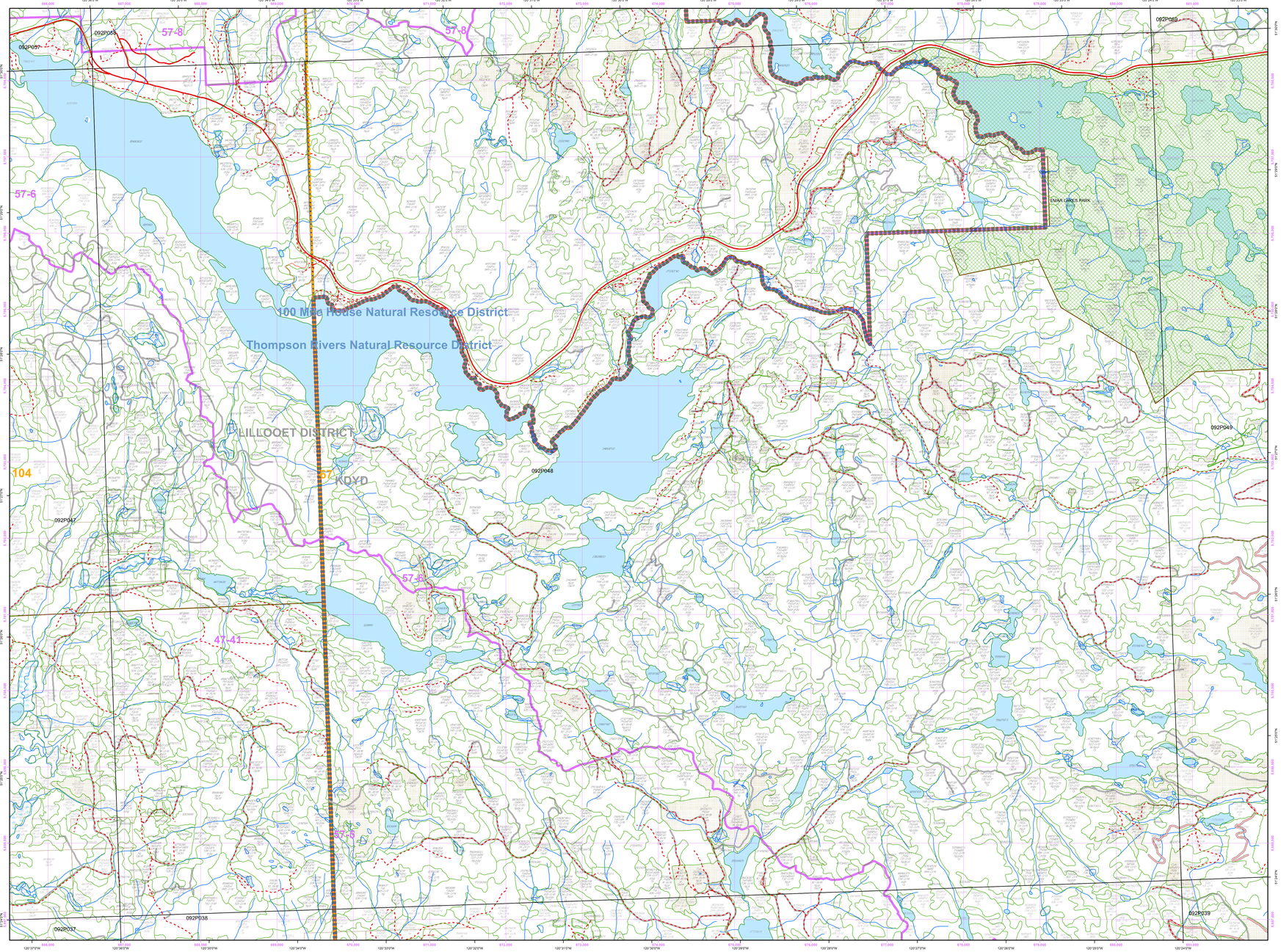
Example Opening History Details

Detailed Silviculture information is available on the BCGW
MAPVIEW application. The MapView example is
of the'Area' 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 Layer" 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