Vegetation Map
092G100

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 I- 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 information at a scale of 1:20,000 and is intended for use at that scale or smaller. Some information displayed 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 (1015)
- Research Installations

TRIM. Base Features :
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfield/as
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolfine/Narrow - ESRI
- Watercourses - ESRI
- Waterbodies - ESRI
- Wetlands - ESRI
- Ocean - ESRI

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 - 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:

CUT 1 / FDFIR 2 / 1.0 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number - Multi-layer stand indicator (LL)
3 Species Composition
ex. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age Class and Site Index - Fd (Douglas Fir) is Age Class 2 (21-40 yrs)
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 7 (70-79%), 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 1979

Line 1 - History Record Opening Number :

OGR - opening number valid for BCGS mapsheet

OGR# - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
Multi-layer stand indicator. 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	Western Red Cedar
Y	CYPRESS
YC	Yellow Cypress
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fdv	Douglas Fir Variety
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hw	Western Hemlock
Hwi	Western Hemlock
Hwm	Mountain x Western hemock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulorum Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (Interior)
Plc-Pl	Lodgepole x Jack Pine hybrid
Pli	Lodgepole Pine (Interior)
Pw	Western White Pine
Pwa	Whitebark Pine
Pw	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sep	Prince Rupert Spruce
Sw	White Spruce
Sxs	Spruce hybrid
Sxw	Spruce hybrid White
Sxl	Utah x Alpine
Sxx	Spruce x Unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

A	ALDER
At	Red Alder
V	APPLE
Vp	Pacific Crab Apple
AT	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Balsam Poplar
Act	Black Cottonwood
Ax	Hybrid Poplars
At	Trembling Aspen
E	ARBUTUS
Em	Pacific Madrone
B	BIRCH
Bp	Western Paper Birch
Bpx	Alaska x Paper Birch hybrid
Bpx	Paper Birch (white)
C	CASCARA
Cw	CASCARA
Kc	Cascara
D	DOGWOOD
Vs	Red Osier
Vsc	Creek Dogwood
Vp	Pin Cherry
Vs	Red Osier
Vsp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
U	OAK
Gb	Garry Oak
W	WILLOW
Wa	Peach Leaf Willow
Wg	Pacific Willow
Wp	Pacific Willow (Bonsby's)
Wpl	Pacific Willow (pyla leaved)
Wr	Scouler's Willow
Wx	Willow (hybrid/mixed)

EXOTICS

Ap	APPLE
AT	ASPEN, COTTONWOOD or POPLAR
Ax	Poplar Cottonwood hybrid
BP	BIRCH
Bp	European Birch
Bpx	Paper Birch (exotic)
Fx	Yellow Birch
CH	CHERRY
Ch	Mazzard Cherry
CY	CYPRESS
Cy	Monterey Cypress
EP	Elm (Siberian)
Ep	Siberian Elm
Ke	Kobe Elm
Em	Smarts Red Fir
LA	LARCH
LAO	LARCH
Lo	Dahurian Larch
Lp	Japanese Larch
MAPLE	MAPLE
Mo	Norway Maple
Mn	Norway Maple
OA	OAK
Qe	English Oak
Qo	Red Oak
OTHER EXOTICS	OTHER EXOTICS
Oa	Yosemite Oxlip
Oc	Chinese Oxlip
Oe	Cutleaf Redwood
Oj	Japanese Redwood fern
Os	Siberian Elm (southern)
Ow	Weeping Elm
Oa	Oregon Ash
Ow	White Ash
Ow	Green Ash/Swamp
Ot	Tree-of-heaven
Oa	Japanese Walnut
PI	PINE
Pm	Monterey Pine
Pn	Austrian Pine
Py	Ponderosa Pine
Pp	Ponderosa Pine
Sn	Norway Spruce

Line 4

4a. AGE CLASS

CODE	AGE (in 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 (in metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
4	27.5 - 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	CROWN CLOSURE (percentage)
1	0 - 5
7	6 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
8	66 - 75
9	76 - 85
	86 - 100

4d SITE INDEX

All tie are shown to the nearest metre referenced at 50 years breast height age. Site index curves are based on the Sutton breast height age. Where an accurate SI cannot be obtained from available information it is left blank or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands. Estimated SI is based on the average SI of similar polygons in associated fields in the data base and Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation Records

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

NON-TREED SHRUB
- B SHRUB TALL - shrub with average shrub height > or = to two metres.
- S SHRUB LOW - shrub with average shrub height < than metres.

NON-TREED HERB
- N HERB - herb with no distinction between forbs and graminoids.
- F HERB FORBS - herb with forbs > 50% of the herb cover.
- G HERB GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
- M BRYOID - bryoid with no distinction between mosses and lichens by cover.
- MO BRYOID MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- LI BRYOID LICHENS - bryoid with lichens > 50% of the bryoid cover.

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

be	BEACH	L	LAKE
bl	BOULDERFIELD	R	RIVER BED
bs	BOGMOSS	Y	LAGOON
bu	BURNED AREA	w	POND or LAKE SEDIMENTS
ds	DUNE SAND	x	SALT MARSH
ei	EXPOSED EARTH	z	MOORING
gl	GLACIER		

mp	MUD/FLAT SEDIMENT	rm	RESERVOIR MARGIN
mq	RUBBLY MINE SPOILS	rw	RAILWAY SURFACE
mt	TAILINGS	rp	PAVED SURFACE
rk	OTHER	rr	ROAD SURFACE
sn	SNOW COVER	tz	TALUS
sw	SNOW/WATER	ur	URBAN SURFACE
wi	WATER / STREAM	ur	URBAN

Note: Water categories by ex. w, rl, rm will labelled over 50 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTORS (for F record):

AF	ALPINE FOREST (Species Composition)	NPBR	NON PRODUCTIVE BRUSH
CL	CLAY BANK	NPDB	NON PRODUCTIVE DECID
G	GRAVEL BAR	NPF	NON PRODUCTIVE FOREST (Species
GL	GLACIAL TILL	NTA	NO TYPING AVAILABLE
ICE	ICEFIELD	OP	OPEN PRODUCTIVE
M	MEADOW	R	ROCK
MUD	MUD FLAT	S	SAND

SAND	SAND	NC	NON COMMERCIAL
TIDE	TIDAL FLAT	NCBR	NON COMMERCIAL BRUSH
U	URBAN	NPBR	NON PRODUCTIVE
		NSR	NOT SUFFICIENTLY RESTOCKED
		NTA	NOT TYPING AVAILABLE

Line 6 - Disturbance History

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

A	Animal Damage	L	Logging
B	Wildfire	M	Mis-Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
I	Insects		

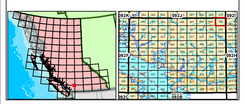
R	Site Rehabilitation		
T	Treatment Injuries		
U	Damage Unknown		
V	Problem Vegetation		

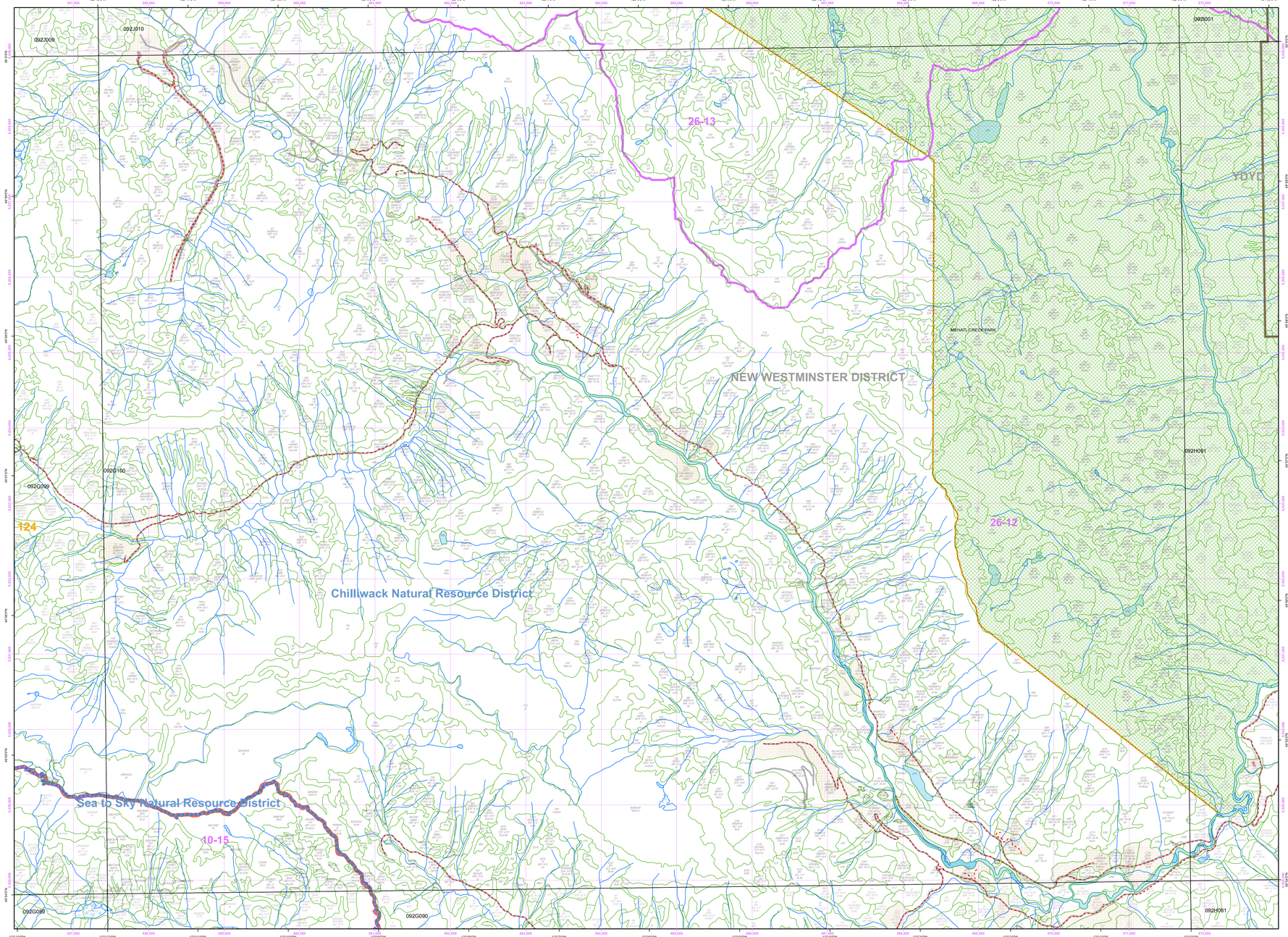
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either Bdf or ArcMap. The MapView example is of the4 text RESULTS data.

The Opening Info is in Access Tables and Lands web application
MAPVIEW is available to view this type of detailed information.
Select the SILVICULTURE tab then click on "Display Silviculture Info" to turn on display values for :

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





Overflow Labels