Vegetation Map
092H078

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 / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. 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 versions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Soil/Non Opening in Vegetation
- Permanent Sample Plot (CFS)
- Research Installations

TRIM_Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Fairstrips
- Other Area
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolite/Barriers - ESRI
- Watercourses - ESRI
- Waterbodies - ESRI
- Wetlands - ESRI
- Ocean - ESRI

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MV Region-Compartment - FADM
- Provincial Parcel area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (d= 1:500,000 Km - 1% % hatch)
- Municipal boundary (d= 1:250,000 Km - 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 (Douglis Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator: Site Index / estimated SI
ex: a 60 year old stand, 20 metres high, with a crown closure class 5 (41-55%), 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

opening number valid 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 - B/C 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 4.8 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Yc	Yellow Cedar
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hw	Western Hemlock
Hm	Western Hemlock
Hmxh	Western Hemlock x Mountain hemlock hybrid
J	JUNIPER
Ju	Juniper, Misc. Juniper
Jr	Rocky Mt Juniper
L	LARCH
Lt	Tamarack Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodge Pole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Pxj	Ponderosa Pine (yellow)
Pw	White Pine (western)
Pwi	Western White Pine
Pa	Whitebark Pine
Py	Yellow Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sxs	Spruce hybrid
Sxw	Spruce, Hybrid White
Sxl	Sitka x White
Sxe	Spruce, Unknown hybrid
T	VEW
Tw	Western Yew

NATIVE HARDWOODS

D	DOGWOOD
Dr	Red Alder
E	ARBUTUS
Ep	Pacific Crab Apple
Ac	ASPEN, COTTONWOOD or POPLAR (general)
At	Balsam Poplar
Act	Black Cottonwood
Ae	Trembling Aspen
At	Trembling Aspen
Ax	Aspen hybrid
Ep	Arbutus
B	BIRCH
Bp	Alaska Paper Birch
Bpx	Alaska x Paper Birch hybrid
Bpp	Paper Birch (white)
C	CHERRY
Cp	CASCARA
Cp	Cascara
V	CHERRY
Vb	Black Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vu	Bitter Cherry
F	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Qg	Garry Oak
R	ROSE
W	WILLOW
Wb	Pacific Willow
Wbb	Black Cottonwood (Balsitic?c
Wp	Peach Willow (pile-leaved)
Ws	Scouler's Willow
Wx	Willow, Misc (hybrid)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (less not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ay	ALDER
Ay	Alder
Act	ASPEN, COTTONWOOD or POPLAR (general hybrid)
Ay	Silver Birch (swamp)
Ay	Silver Birch
Cw	CHERRY
Vs	Sweet Cherry
Lw	LARCH
Lt	*Pond Urband Cedar
Lt	Tamarack Larch
Lt	*Siberian Larch
Mb	MAPLE
Mb	*Norway Maple
Mb	*Amur Maple
Qa	*English Oak
Qa	*Pedunculate Oak
Qa	OTHER EXOTICS
Qa	*Incense Cedar
Qa	*Giant Sequoia
Qa	*Crack Redwood
Qa	*Japanese Maidenhair Ash
Qa	Siberian Elm (southern)
Qa	*Ginkgo
Qa	Oregon Ash
Qa	*White Ash
Qa	*Green Ash hybrid
Qa	Tree-of-Heaven
Qa	Japanese Walnut
Ps	SPRUCE
Psa	*Serbian Spruce
Pa	*Red Pine
Pa	PINE
Ps	*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	141-250
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	COVER (percentage)
1	0 - 5
1	6 - 15
2	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 are shown to the nearest metre referenced at 50 years breast height age. Where SI is not known, it is estimated for the leading species. Where an accurate SI cannot be obtained, an estimated age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees arenot present, e.g. young stands. Estimated SI is based on site series, or site series and moisture & Associated Species Table in the data base are in-ventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON TREES SHRUB

st	SHRUB TALL - shrub with average shrub height > or = to two metres.
sm	SHRUB MEDIUM - shrub with average shrub height < two metres.

NON TREES HERB

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

NON TREES BRYOID

by	BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
bm	BRYOID MOSS - bryoid with mosses, liverwrts, and hornwort > 50% of the bryoid cover.
bl	BRYOID LICHEN - bryoid with lichens > 50%

NON VEGETATED CATEGORIES: (for V and I records)

ab	AIRPORT	gl	GRAVEL PIT	mu	MUDFLAT SEDIMENT
ac	CLEARING	ic	ICE	ms	MUSKEG MINE AREAS
br	BUCKHEFLD	la	LAKE MED	oc	OCEAN
br	BEDROCK	lg	LANDING	ot	OTHER
cb	CUTBANK/CREA	ls	LAKE SMALL	rc	RIVER CHANNEL
cp	CUTBANK	mi	MINE WASTE SEDIMENTS	rs	RESERVOIR
ex	EXPOSED SOILS	mx	MIXED	sn	SNOW/ICE
ga	GLACIER				

Note: Water categories (lake, river, ocean) are not shown if the polygon is greater than 95 percent coverage.

rm	RESERVOIR MARGIN
rr	RIVER RIPARIAN
rs	RIVER SEDIMENTS
rz	ROAD SURFACE
sa	SAND
tz	TAILINGS
ur	URBAN

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

A	ALPINE	NP	NON-PRODUCTIVE	BAND	SAND FLAT
C	CLOSED FOREST-Species	NPBR	NON-PRODUCTIVE BRUSH	TI	TIDAL FLAT
CC	CULTIVATED	NPHE	NON-PRODUCTIVE HERB	U	URBAN
CL	CLAY BANK	NPT	NON-PRODUCTIVE FOREST-Species		
D	DISTURBED	NPTA	NON-PRODUCTIVE TREE	NC	NON COMMERCIAL
G	GRASS HYT	OB	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
IOE	ICEFIELD	P	HAYFIELD	NP	NON PRODUCTIVE
M	MEADOW	S	SWAMP	NPRE	NON PRODUCTIVE RESTOCKED
MUD	MUDFLAT	S	SWAMP	NTA	NOT TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type history denoted 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	Diseases	P	Cone and Seedling Fungal Pathogens
E	Insects		

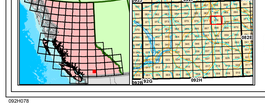
S	Site Remediations
T	Treatment Injuries
U	Damage Unknown
V	Problem Vegetation

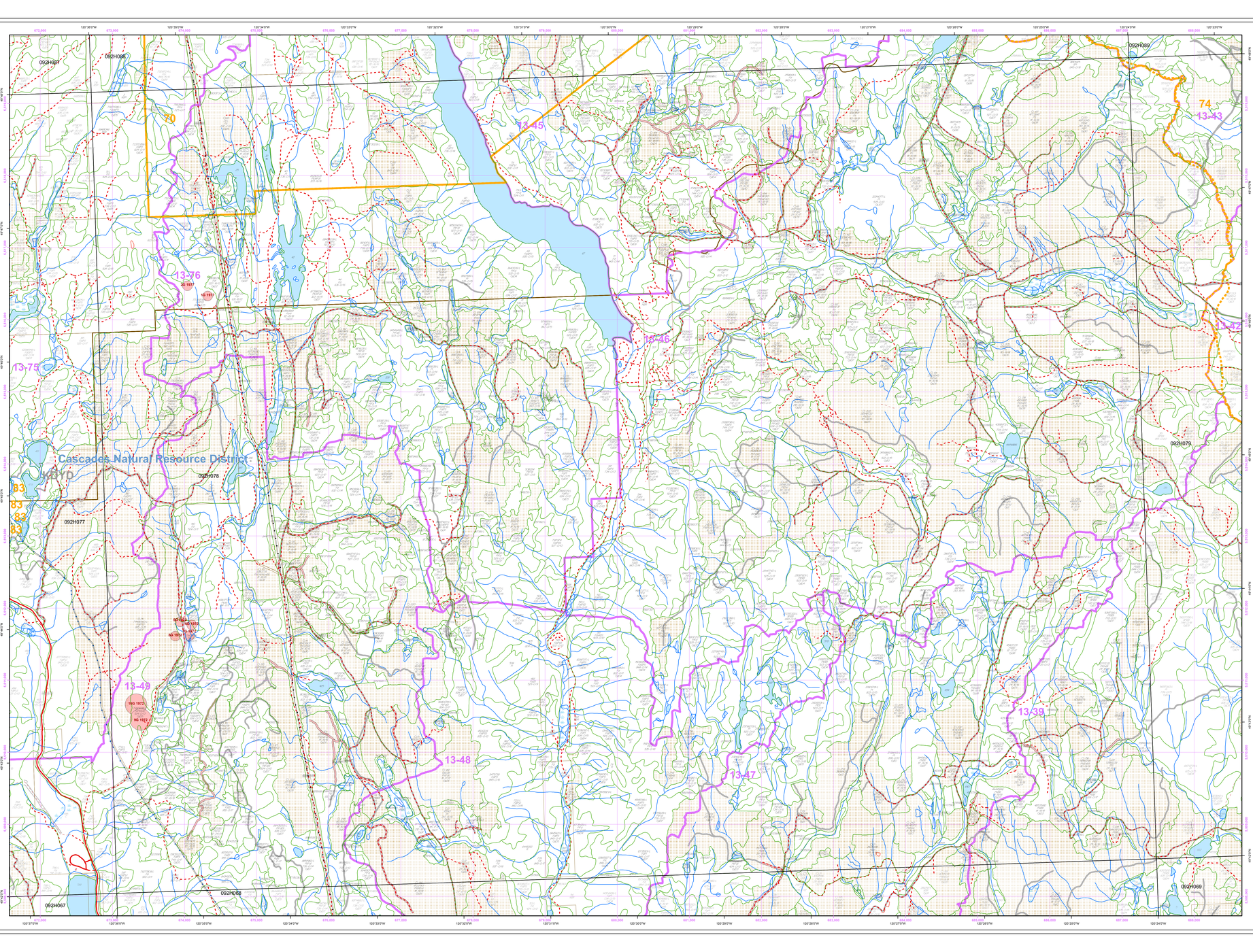
Example Opening History Details

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 can be used to view Silviculture information.
Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

OPENING
OPENING LABELS
ACTIVITY - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE PATCH





Overflow Labels