Vegetation Map
093A003

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 1.0 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 support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information contained on this map is derived from various sources. Forest administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revisions June 2016)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Enclosure Opening or Vegetation
- Permanent Sample Plot (1970)
- Research Installations

TRIM. Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - 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
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:1,000,000 hat - 10 % hatch)
- Municipal boundary (1:1,000,000 hat - 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
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 (6-10%), SI 20m
5 Non-Vegetative Cover, Non-Forested 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
- 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 - SC Tree Code List

Species Compositions for each layer 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	CEDAR
Cw	Western Red Cedar
Y	YEW
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Pacific Fir
Hw	Western Hemlock
Hm	Mountain Hemlock
H	HEMLOCK (Western Hemlock hybrid)
J	JUNIPER
Jr	Rocky Mtn. Juniper
L	LARCH (Tamarack)
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Plc	Lodgepole Pine (Coastal)
Pp	Ponderosa Pine (yellow)
Pa	Whitebark Pine
Pw	Western White Pine
Pf	Limber Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Hybrid Spruce
Sw	White Spruce
Se	Engelmann x White
Sxl	Sitka x unknown hybrid
Sxs	Sitka x Interior
Ss	Sitka Spruce

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Da	Sitka Alder
Ad	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Trembling Aspen
Ae	Balsam Poplar
Ac	Black Cottonwood
Act	Narrow-leaf Cottonwood
At	Trembling Aspen
E	BIRCH
Ep	Alaska Paper Birch
Ekp	Alaska x Paper Birch hybrid
Ek	Alaska Birch (white)
Ew	Water Birch
K	CASCARA
G	GARRY OAK
C	CHERRY
Cb	Bitter Cherry
Cv	Choke Cherry
Cm	Pin Cherry
D	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gb	Garry Oak
W	WILLOW
Wb	Black Willow
Wp	Pacific Willow
Wr	Peachleaf Willow (Bonnby's)
Wrl	Pussy Willow (gray leaved)
Wy	Scouler's Willow
Wsx	Sitka Willow (tea leaved)

UNKNOWN - OTHER

X	unknown conifer
Xh	unknown hardwood
Xl	Larch (Tamarack not on list)
Xp	other conifer
Zh	other hardwood

EXOTICS

AP/LE	
Ap	Apple
Ax	Hybrid (COTTONWOOD x POPLAR
Ae	Southern Cottonwood
BR/Gr	
Bp	European Birch
Bpg	Grow Birch (weeping)
Bpy	Yellow Birch
Ch	CHERRY
Cs	Sweet Cherry
CY/Ye	
Ys	Rhot Orford Cedar
Lk	LARCH
Lyl	Siberian Larch
Lyk	Tolokwa Larch
Lx	Hybrid
Bm	Box Elder
Mo	Norway Maple
Mp	Sycamore Maple
OA/Ok	
Ow	Mongolian Oak
Ow	White Oak
OTHER EXOTICS	
Ob	Black Walnut
Ow	Cork Oak
Ow	Turkish Filbert
Ow	Chinese Chestnut
Ow	Common European Ash
Ow	Siberian Elm (southern)
Ow	Chinese Elm
Ob	Oregon Ash
Ow	Green Ash
Ot	Shanghai Hickory
Ot	Tree-of-Heaven
Ow	Japanese Walnut
Hw	
Pm	Monterey Pine
Pn	Austrian Pine
Py	Ponderosa Pine
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 - 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	LIMITS (percentage)
0	0 - 5
1	6 - 10
2	11 - 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
Site index is the expected metre referenced at 50 years (breast height age) based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height measurements, an estimate may be made.

4e. ESTIMATED SITE INDEX
Estimated site index is the expected site index (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.

Line 5 - Vegetation records

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

NON-TREESED SHRUB
SH SHRUB - shrub with average shrub height > or = to two metres.
s SHRUB LOW - shrub with average shrub height < two metres.

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

NON-TREED SHRUB/HERB
sh SHRUB/HERB - shrub with no distinction between shrubs and herbs by cover.
sm SHRUB - MOSS - shrub with mosses, liverworts, and hornwork > 50% of the tryoid cover.
sl SHRUB - LICHENS - shrub with lichens > 50% of the shrub cover.

NON-VEGETATED CATEGORIES (for V and I records)

bl	BEDROCK	ls	LAKE SEDIMENTS
bo	BOULDERS	lb	LAKE BED
cb	CLIFF/BANK	ms	MARSH
ds	DUMPED AREA	os	POND or LAKE SEDIMENTS
ea	EXPOSED ALKALI	rb	RIVERBED
es	EXPOSED SOILS	rm	MORAINE
gl	GLACIER	rme	MUSKEG/T SEGMENT
		rmp	PEAT/ MINE SPOILS
		rr	OTHER
		rs	SNOW COVER
		rv	RESERVOIR
		rvr	RIVER / STREAM

Note: Water categories (lb, ls, rb, rv) not defined as non-forested coverage.

rw	RESERVOIR MARGIN
rwa	RAILWAY SURFACE
rwb	RAILWAY BALLASTS
rz	ROAD SURFACE
sa	SALINE
tz	TAILINGS
u	URBAN

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

AF	ALPINE FIR	NPBR	NON PRODUCTIVE BRUSH
AT	ALPINE FOREST Species	NPBU	NON PRODUCTIVE BURN
C	CULTIVATED	NPMA	NON PRODUCTIVE FOREST Species
G	GRASS	NPNA	NO TYPING AVAILABLE
GL	GRASS, bunk	OR	OPEN RANGE
KE	KEIFIELD	P	HAYFIELD
KF	KEIFIELD	W	WATER
MUS	MUSKEG	S	SWAMP

SAND	SAND
TOF	TIDAL FLAT
U	URBAN
NCC	NON COMMERCIAL
NPBR	NON PRODUCTIVE BRUSH
NP	NON PRODUCTIVE
NPSC	NON PRODUCTIVE STOCKED
NOTA	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.

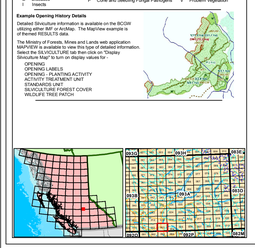
A	Animal Damage	L	Logging
B	Burning	N	Non-Salvage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation
S	Salvage Logging
V	Damage Unknown
V	Problem Vegetation

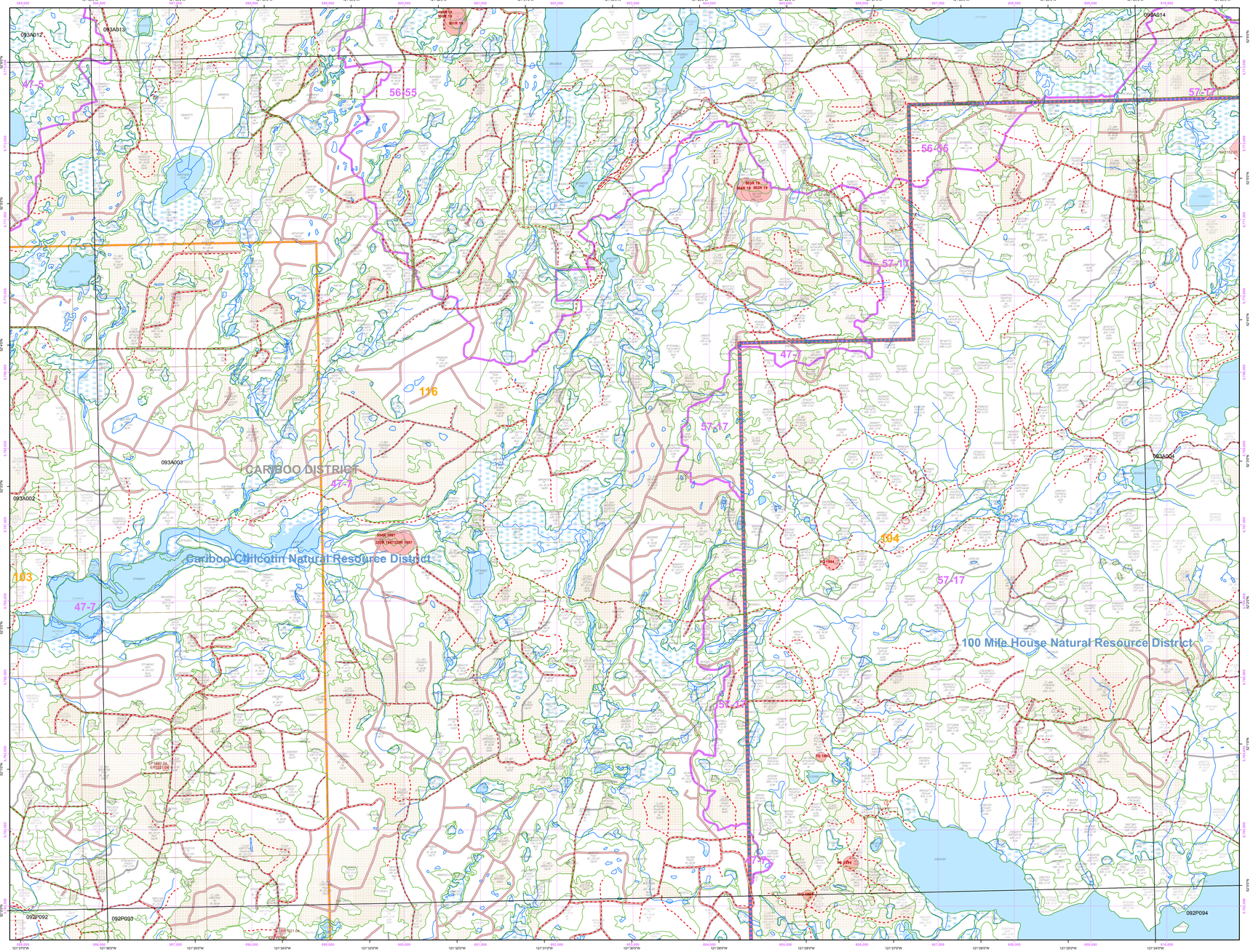
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of thenet RESULTS data.

The Ministry of Forests, Mines and Lands web application MapView can be used to view and query silviculture information. Select the SILVICULTURE layer then click on "Display Silviculture Map" to turn on display values for :-

OPENING
OPENING LABEL
SILVICULTURE SYSTEM ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE TREATMENT COVER
WILDLIFE TREE PATCH




093A012
093A013
093A014
093A002
093A003
093A004
092P092
092P093
092P094
CARIBOO DISTRICT
Cariboo Chilcotin Natural Resource District
100 Mile House Natural Resource District
56155
57-7
56-56
57-17
47-7
116
104
103
47-17
57-47
47-7
47-7
47-7