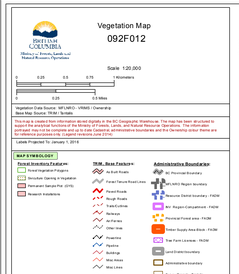


Vegetation Data Source: MFLNRO - VRIMS / Ownership
Base Map Source: TRIM / Terrain

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 portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. Legend restrictions exist (TRIM).

Lat/Lon Projected for January 1, 2015

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Silviculture Opening + Vegetation
- Permanent Sample Plot (VITE)
- Research Installations

TRIM - Base Features:
- Ice Bulk Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric - 0390
- Watercourse - 0360
- Waterbodies - 0354
- Wetlands - 0.6M
- Ocean - 0.6M

Administrative Boundaries:
- BC Provincial Boundary
- FAIB MFG Region boundary
- Resource District boundary - FADM
- Adm. Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land Claims boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (> 1:500,000 Acc - 10 % feet)
- Municipal boundary (< 1:500,000 Acc - no feet)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- NTS/BCGS Watershed 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 (LL)
3 Species Composition
   ex. the most important layer is described as Fd (Douglas Fir) and the (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator - Site Index ( estimated SI
   ex. 1 - 121-140 - 21-25 - 4 - 20 (Layer 1 is 121-140 years, Dominant Height is 21-25m ), 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 Inventory Type Group (IDFxx, ncLoggedEA, NP)
```

Line 1 - History Record Opening Number

opening number valid for BCGS Atlas/sheet — none — opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

Unique Polygon Number ranging from one to nine digits
A, Multi-layered stand ca separate description of each layer is available in the data base, i.e. 1,2)

Line 3 - NO Text Code Line 3

Species Composition Species are labeled on 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, dated January 2009.

NATIVE CONIFERS

CW	CEDAR
Dw	Western Red Cedar
Yc	CYPRESS
Ac	Alaska Cedar
Fd	DOUGLAS FIR
Fdi	Douglas Fir (interior)
Fdc	Douglas Fir
Fdf	Douglas Fir (Fraser)
Fdv	Douglas Fir (Vancouver Is)
Hw	HEMLOCK
Hwc	Western Hemlock
Hwi	Western Hemlock
Hwm	Western Hemlock Mountain hybrid
Jr	JUNIPER
Jrs	Juniper, Juniper
Lw	Larch (western)
Lt	LARCH
Pa	Pine (whitebark)
Pf	Pine (limber)
Pl	PINE
Pli	Lodgepole Pine
Plc	Lodgepole Pine
Plcm	Lodgepole Pine (Mainland)
Plcv	Lodgepole Pine (Vancouver Island)
Pli	Lodgepole Pine
Pw	Pine (white)
Pwi	Pine (western white)
Pwm	Whitebark Pine
Sb	SPRUCE
Sbb	Spruce (Black)
Se	Engelmann Spruce
Sei	Engelmann Spruce
Sw	White Spruce
Swi	White Spruce
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka Spruce Hybrid
Ss	Sitka Spruce
Yp	Western Yew

NATIVE HARDWOODS

d	ALDER
dr	Red Alder
dl	Alder
dm	Pacific Dogwood
ep	ASPEN/BALSAM/COTTONWOOD or POPLAR
ac	Poplar
at	Black Cottonwood
ax	Aspen
b	BIRCH
bp	Paper Birch
bpl	Paper Birch Hybrid
bpa	Alaska x Paper Birch hybrid
bl	Birch (yellow)
bg	Water Birch
e	ELM
ed	Elm(red)
g	OAK
gb	Oak (Garry)
h	Hardwood
hd	Deciduous
hm	Maple
hmb	BIGLEAF MAPLE
hmv	Vine Maple (broken flowering)
hmt	Maple
mb	Ripe/Straps (bracket)
mc	Cascara
mv	Vine Maple
w	WILLOW
wb	Willow (Bebb)
wc	Pacific Willow
wy	Peachleaf Willow (Bandy's)
wp	Peachleaf Willow (Bandy's)
wt	Scouler's Willow
wy	Willow (Hooker's and)

EXOTICS

AP/LE	
AB/A	
ep	ASPEN/BALSAM/COTTONWOOD or POPLAR
at	Northern Cottonwood
ax	Aspen
Be	European Birch
Bp	Paper Birch (planted)
Ew	Hybrid Birch
Ey	Elm (Siberian)
Ye	Yellow Cherry
Ch	CHERRY
Ce	Pin(Chinese) Cedar
PW (Eastern)	
Ma	Maple (Norway)
Mr	Maple Red Ivy
Mo	Maple Oak
Mp	Maple
Ot	Tulip tree
Ol	Tulip tree Leech
Ll	Siberian Larch
Lk	Larch
Ow	Elm Wilson
Ow	Elm (European)
Mm	Mountain Maple
Oa	Oak
Ow	Hungarian Oak
Ow	White Oak
Ow	Oak (Pedunculate)
Ow	Turkish Oak
Ow	Oak (Red)
Ow	Oak (Turkish)
Ow	Oak (Eastern Red)
Ow	Oak (Eastern Red) Arch
Ow	Eastern Elm (Arch)
Ow	Common Pear
Ow	Pear (Ussuri)
Ow	Yellow Ash
Ow	Ash (European) Hickory
Ow	Tree of Heaven
Ow	Black Locust Walnut
Ow	Hackberry
Pm	Pine Mugo
Pp	Pine Pre
Pp	Pine
Ys	Yellow Spruce

UNKNOWN - OTHER

x	UNKNOWN
xc	Unknown Conifer
xh	Unknown Hardwood
xl	Unknown Leaf (NE)
zz	other hardwood
zz	other hardwood

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-80
5	101-120
6	121-140
7	141-200
8	201 +

4b. HEIGHT CLASS

CODE	LIMITS (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	LIMITS (percentage)
1	0 - 5
2	6 - 10
3	11 - 20
4	21 - 30
5	31 - 40
6	41 - 50
7	51 - 60
8	61 - 70
9	71 - 80
A	81 - 90
B	91 - 100

4d SITE INDEX

SI is calculated at the breast height age of 50 years.
Breast Height Age - SI is based on the age and height of the dominant trees at breast height (1.3 metres above the ground) and is estimated in decimal units, i.e. meters per SI.

4e. ESTIMATED SITE INDEX

SI is estimated when access to data is limited (not present) e.g. young stands (<10yrs). It is labelled by a stock which always has a decimal point (i.e. 20.0). Site Index is the average height of the Dominant and Co-dominant trees at age 50.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES - (for 'L' and 'I' layers only)

H	HERBS - shrub with average stand height < 2m, but shrubs shrub with average stand height > two metres
HG	HERB/GRAMINOID - 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 herb cover

NON-TREED SHRUBS

SH	SHRUBS - brush with no distinction between houses and trees by cover
SHD	SHRUBS/DECIDUOUS - brush with deciduous shrubs >75% of the brush cover
SHC	SHRUBS/CONIFERS - brush with conifers >75% of the brush cover

NON-VEGETATED CATEGORIES - (for 'L' and 'I' layers only)

A	ANTHROPOGENIC	M	MUSKEG	RT	RESERVOIR MARSH
B	BEACH/BAR	MA	MUSKEG/ MINE DEVELS	RW	RESERVOIR SWAMP
BE	BEDROCK	MC	MUSKEG/ CLEARING	S	SNOW/ICE/PERMANENT
C	CLEARING	O	OTHER	U	ROAD SURFACE
CA	CLEARING/ LAKE SEDIMENTS	R	RESERVOIR	W	WATER
CL	CLEARING	RA	RESERVOIR/ ALGAE	WA	WATER
CS	CLEARING SOILS	RC	RESERVOIR/ CLEARING	X	UNKNOWN
D	DUNE	RM	RESERVOIR/ MINE	Z	URBAN

Note: Water categories - Lakes, Rivers, Reservoirs are not shown on maps.

NON-FOREST / NON-PRODUCTIVE DESCRIPTIONS (for 'I' records)

A	ALPINE	MF	NON-PRODUCTIVE
AF	ALPINE FOREST Stunties	MFB	NON-PRODUCTIVE BRUSH
C	CULTIVATED	MFG	NON-PRODUCTIVE GRASS
CL	CLAY BANK	MFH	NON-PRODUCTIVE FOREST Spruce
CR	CLAY BANK/ RIVER	MFL	NON-PRODUCTIVE LICHEN
GP	GRAVEL PIT	OR	OPEN RANGE
L	LANDING	R	ROCK
W	MEADOW	S	SNOW
WS	MEADOW/ SHRUB	SAND	SAND
		SAT	SATURATED
		URBAN	URBAN
NC	NON COMMERCIAL		
NCB	NON COMMERCIAL BUSH		
NF	NOT FOR INVENTORY		
NFR	NOT INVENTORY/ RESTOCKED		
NR	NON REFORESTABLE		

Line 6 - Disturbance History

Disturbance type is entered code by symbol, followed by earliest date
Up to three of disturbance type designation category, refer to official code list for sub-category descriptions.

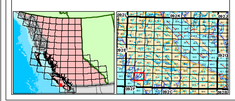
A	Animal Damage	L	Logging
B	Wildfire	M	Site Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	O	Cone and Seedling Fungal Pathogens
I	Insects		
		R	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

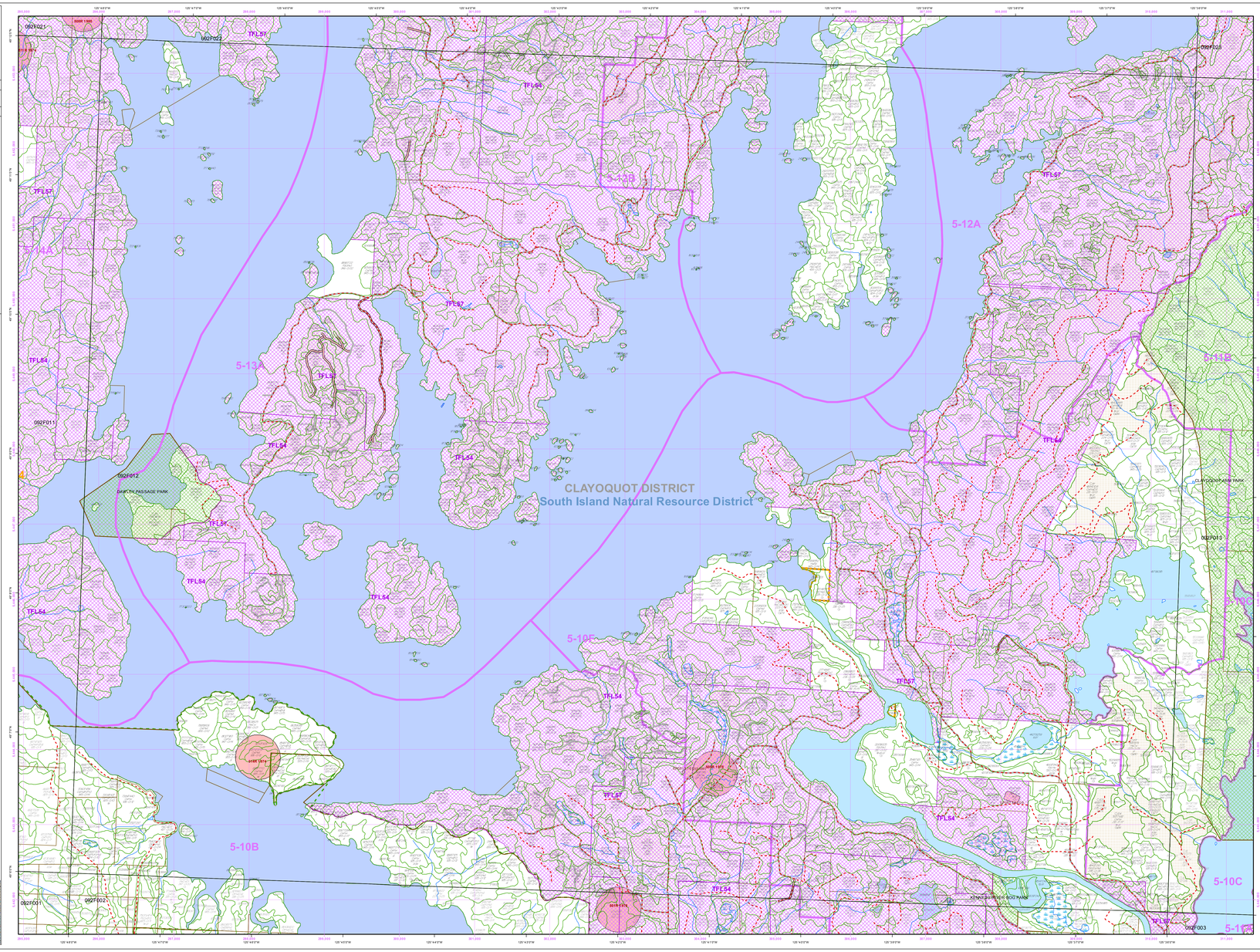
Example Opening History Details

Detailed Silviculture information is available on the BCGW
Forest Cover Reserve Lands. The Registree example is
of Harvest RESULTS data.

The Ministry of Forests, Mines and Lands web application
MapPlace 4 is available to view this type of detailed information.
SILVICULTURE SYSTEMS: Set them click on "Display
Silviculture Map" to turn on display values for:

OPENING
OPENING LABELS
SILVICULTURE SYSTEM AGE ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
STANDARDS UNIT HARVEST COVER
WILDLIFE TREE PATCH





Overflow Labels