BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
092K071

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 / Tartaks

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 revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Structure Opening In Vegetation
- Permanent Sample Plot (2015)
- Research Installations

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

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- AAV_Region-Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tartaks
- Municipal boundary (> 1:250,000 No - ~5 % hatch)
- Municipal boundary (< 1:250,000 No - 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. Opening Number 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. Age class 4 (61-80 yrs), Ht class 5 (28.1 - 34.0 m), Cc class 6 (70 - 79%), SI 20m
5. Vegetated Density Class (or Non-Forest/Productive Description)
   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

0001 - opening number valid for BCGS mapsheet 0001X - 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 - 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
- E CEDAR
- Cw Western Red Cedar
- Cy Cypress
- Yc Yellow Cedar
- F DOUGLAS FIR
- Fd Douglas Fir
- Fdc Coastal Douglas Fir
- Fdi Interior Douglas Fir
- Ba Balsam
- Ac Amabilis Fir
- Bg Grand Fir
- Bl Subalpine fir (alpine)
- H HEMLOCK
- Hw Mountain Hemlock
- Hw Western Hemlock
- Hwk Mountain x Western Hemlock hybrid
- J JUNIPER
- Jr Rocky Mtn Juniper
- Js Seaside Juniper
- LARCH
- La Alpine Larch
- Lt Tamarack
- Lw Western Larch
- PINE
- Jp Jack Pine
- Lodgepole Pine
- Pl Lodgepole Pine
- Pli Lodgepole Pine (interior)
- Plc Lodgepole x Jack Pine hybrid
- Pp Ponderosa Pine
- Py Shore Pine (coast)
- Pyi Shore x Lodgepole Pine
- Pw Western White Pine
- SPRUCE
- S Spruce (species)
- Se Engelmann Spruce
- Sb Black Spruce
- Sw White Spruce
- Sx Spruce hybrid
- Sxw Hybrid White x White
- Sxl Sitka x Hybrid
- Sxs Sitka x unknown hybrid
- Ss Sitka Spruce
- Yp Western Yew

NATIVE HARDWOODS
- D ALDER
- Dr Red Alder
- Dl Sitka Alder
- Up Pacific Crab Apple
- A ASPEN, COTTONWOOD or POPLAR
- At Aspen
- Act Balsam Poplar
- Act Black Cottonwood
- Act Cottonwood
- At Trembling Aspen
- B ARBUTUS
- Bm Arbutus
- BIRCH
- Ew Alaska Paper Birch
- Ew Alaska x Paper Birch hybrid
- Ep Paper Birch (white)
- Ew Water Birch
- Ey Yellow Birch
- Ac Cascara
- CHERRY
- Ch Bitter Cherry
- Cv Choke Cherry
- Up Pin Cherry
- Mb Bitter Cherry
- Pr Pacific Dogwood (western flowering)
- DogWOOD
- Dr Dogwood
- Mv Vine Maple
- Q OAK
- Qg Garry Oak
- W WILLOW
- Wb Bebb's Willow
- Wp Pacific Willow
- Wr Peachleaf Willow (Bentley's)
- Ws Pussy Willow (grey leaved)
- Wy Yellow Willow
- Wf Sitka Willow (tea-leaved)

UNKNOWN - OTHER
- X UNKNOWN CONIFER
- Xc unknown conifer
- Xh unknown hardwood
- Xl Alder/Willow (alt on fill)
- Z OTHER CONIFER
- Zh other hardwood

EXOTICS
- Lw APPLE
- Lw Apple
- Act BALSAM, COTTONWOOD or POPLAR
- Act Southern Cottonwood
- BIRCH
- Ew European Birch
- Ew Silver Birch (weeping)
- Ey Yellow Birch
- Ey Birch
- Sweet Cherry
- CYPRESS
- Yc Nootka Cyprus
- FIR (Balsam)
- Bb Balkan Fir
- Bn Noble Fir
- Bpa Grand Red Fir
- Bc White Fir
- LARCH
- Lk Dahurian Larch
- Ll Siberian Larch
- Lp Larch
- Ma Box Elder
- Mh Norway Maple
- Mp Sycamore Maple
- OAK
- Ew English Oak
- Ow Oak (other)
- OTHER EXOTICS
- Ok Incense Cedar
- Ob Blue Atlas Cedar
- Oc Coast Redwood
- Ow European Mountain Ash
- Ow Mountain Ash (other)
- Cf Common Pear
- Og Oregon Ash
- Ow Ash (other)
- Q Shagbark Hickory
- Qi Tree-of-Heaven
- Ow Other (Native Status Unknown)
- PINE
- Pn Monterey Pine
- Pn Pine (other)
- Pb Bogar Pine
- SPRUCE
- 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	1 - 10.0
2	10.0 - 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 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
0	86 - 100

4d SITE INDEX
All SI are shown to the nearest metre referenced at 50 years unless marked with a "B" for breast height age for Douglas fir and leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees arrest present, e.g. regenerated, cut, burned, or trees present are too young or too previous 0. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records)

VEGETATED NON-TREE CATEGORIES (Nv V and I record)

NON-TREED SHRUB
- sl SHRUB - LOW
- sh SHRUB LOW

NON-TREED HERB
- hf HERB - FORBS
- hg HERB - GRAMINOIDS

- shrub with average shrub height < or = to two metres.
- shrub with average shrub height > two metres.
- 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 BRYOID
- bs BRYOID
- bm BRYOID - MOSSES
- bl BRYOID - LICHENS

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

NON-VEGETATED CATEGORIES (Nv V and I record)
- ap AIRPORT
- bl BLOCKFIELD
- bs BEDROCK
- cl CLIFF/CANYON
- cs CUTBANK/ARIA
- ed EXPOSED SOILS
- gp GRAVEL PIT
- ll LAKE BED
- ls LANDING
- lk POND or LAKE SEDIMENTS
- mi MINE/QUARRY
- mw MORAINE
- mu MUDFLAT SEDIMENT
- mp MUSSELL MINE SPOILS
- oc OCEAN
- pl PLAYA
- sn SNOW COVER
- re RESERVOIR
- r RIVER / STREAM
- rm RESERVOIR MARGIN
- rs RAILWAY SURFACE
- rs RIVER SEDIMENTS
- rd ROAD SURFACE
- s TALUS
- tailings TAILINGS
- urban URBAN

Note: Water categories (ll, lk, rs, re) not labelled over 50 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Nv F record)
- ALPINE
- AF ALPINE FOREST (Species
- CL CLIFF
- CL CLAY BANK
- GB GRAVEL BAR
- ES EXPOSED SOIL
- EXPOSED
- M MEADOW
- MUD MUDFLAT
- NPBR NON PRODUCTIVE BRUSH
- NPB NON PRODUCTIVE BURN
- NPF NON PRODUCTIVE FOREST (Species
- NTA NO TYPING AVAILABLE
- OPEN OPEN RANGE
- ROCK ROCK
- SWAMP SWAMP
- SAND SAND
- TIDE TIDAL FLAT
- URBAN URBAN
- NC NON COMMERCIAL
- NPBS NON PRODUCTIVE BRUSH
- NP NON PRODUCTIVE
- NSR NOT SUFFICIENTLY RESTOCKED
- NTA 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.

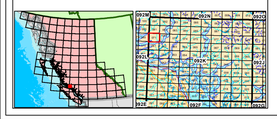
- A Animal Damage
- B Wildfire
- C Cone and Seed Insects
- D Diseases
- I Insects
- L Logging
- M Mink Damage
- N Non-Biological Injuries
- P Cone and Seedling Fungal Pathogens
- R Site Rehabilitation
- T Treatment Injuries
- U Damage Unknown
- V Problem Vegetation

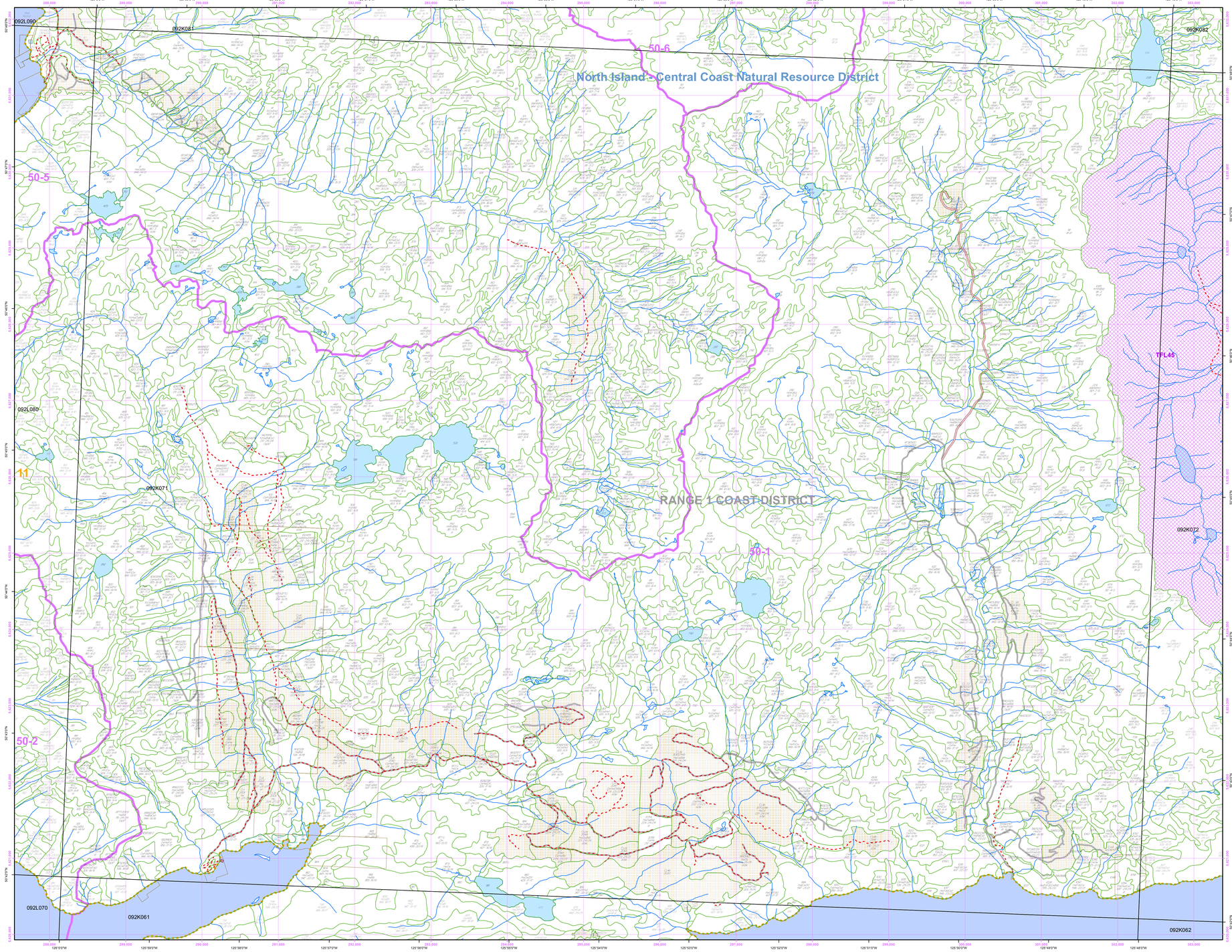
Example Opening History Details

Detailed Silvicultural information is available on the BCGW utilizing either MF or ArcMap. The MapView example is of thermal 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 Map" to turn on display values for :

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





Overflow Labels