Vegetation Map
0921045

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 / 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 reviewed June 2014).

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

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

Administrative Boundaries:
- BC Provincial Boundary
- FLNRO Region boundary
- Resource District boundary - FADM
- Bnd - 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 (if 1,000,000 ha - 10 % hatch)
- Municipal boundary (if 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:

LINE DESCRIPTION
1 History Record Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Closure (Dominant layer) is described as Fd (Douglas Fir) and Hw (Western Hemlock).
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 (6-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number
- opening number valid for BCGS mapsheet
ZOOM - 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 labelled 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 CYPRESS
- YC Yellow Cypress
- F DOUGLAS FIR
- FD Douglas Fir
- FDC Coastal Douglas Fir
- FM Interior Douglas Fir
- Ba Amabilis Fir
- Bg Grand Fir
- BM Amabilis Fir (MSPH)
- H HEMLOCK
- Hm Mountain Hemlock
- Hw Western Hemlock
- Hxm Mountain x Western hemlock hybrid
- J JUNIPER
- Jr Rocky Mtn. Juniper
- Js Scopulorum Juniper
- L LARCH
- La Alpine Larch
- Lt Tamarack
- Lw Western Larch
- P PINE
- Pa Alpine Pine
- Pl Lodge Pole
- Pli Lodgepole Pine (interior)
- Plc Lodgepole Pine (coastal)
- Pj Ponderosa Pine (yellow)
- Pfo Shore Pine (coast)
- Pw Western White Pine
- Pyc Whitebark Pine
- S SPRUCE
- Sa Alpine Spruce
- Se Engelmann Spruce
- Si Sitka Spruce
- Sw White Spruce
- Sxl Spruce hybrid
- Sxw Engelmann x White
- Sxl Sitka x White
- Sxs Sitka x unknown hybrid
- T YEW
- Tw Western Yew

NATIVE HARDWOODS
- D ALDER
- Dr Red Alder
- AP APPLE
- Mv Pacific Crab Apple
- AT ASPEN, COTTONWOOD or POPLAR
- At Aspen
- Ac Black Cottonwood
- Act Black Cottonwood
- Ax Hybrid Aspen
- At Trembling Aspen
- A ARBUTUS
- Am Pacific Madrone
- B BIRCH
- Ea Alaska Paper Birch
- Ebp Alaska Paper Birch hybrid
- Ep Paper Birch (white)
- Ew Water Birch
- Ey Yellow Birch
- C CHERRY
- Cc Coast Cherry
- Cw Wild Red Cherry
- E DOGWOOD
- Ep Pacific Dogwood (western flowering)
- M MAPLE
- Mb Bigleaf Maple (broadleaf)
- Mv Vine Maple
- O OAK
- Or Garry Oak
- W WILLOW
- Wa Scouler's Willow
- Wp Pacific Willow
- Wtr Peachleaf Willow (Bambly's)
- Wr Red Willow (Drummond's)
- Wy Sitka Willow
- Wil Willow (low-forward)

NATIVE SHRUBS / OTHER
- A unknown shrub
- Ac unknown conifer
- Ad unknown deciduous
- Z OTHER (Use out on list)
- Zc other conifer
- Zd other hardwood

EXOTICS
- AP APPLE
- AT ASPEN, COTTONWOOD or POPLAR
- Act Tacamahac
- Ax Hybrid Aspen
- Ay European Birch
- Ayp European Birch (Purple Form)
- Ey Yellow Birch
- C CHERRY
- Cs Sweet Cherry
- CYPRESS
- Cn Nootka Cedar
- FP (Western)
- Fp Noble Fir
- Fg Grand Fir
- Fr Shasta Red Fir
- Fw White Fir
- L LARCH
- Lk Siberian Larch
- MAPLE
- Mn Norway
- Mp Norway Maple
- Mr Sycamore Maple
- O OAK
- Oc English Oak
- Ow White Oak
- PINE
- Pc Corsican Pine
- Pm Mugo Pine
- Pn Austrian Pine
- Pp Ponderosa Pine
- Pr Red Pine
- Ps Scots Pine
- Psy Swiss Stone Pine
- Pv Virginia Pine
- Pw Western White Pine
- Py Yellow Pine
- S SPRUCE
- Sn Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	0-20
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 - 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 is given as the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. Site index is estimated from age and height, estimated SI is shown after the species like SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees aren't present, e.g. young stands (<50yrs). It is denoted by a slash which always follows the species code. Estimated SI is based on Site Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)
- w WATER
- wi SHRUB TALL
- s SHRUB LOW
- HF FORBS
- H 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 BRYOIDS
- bs BRYOIDS
- bm BRYOID MOSS
- bl BRYOID - LICHEN

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 (for V and I records)
- ap AIRPORT
- be BEACH
- bl BOULDERFIELD
- br BEDROCK
- cl CLIFF
- cb CUTBANK
- ds DISTURBED SOILS
- gl GLACIER
- gr GRAVEL PIT
- la LAKE
- ma MARSH
- ml LANDING
- mu MISCELLANEOUS SEGMENTS
- oa OTHER AREA
- rk ROCK
- sa SEDIMENT
- mq MUD/FLAT SEGMENT
- mr RUBBLY MINE SPOILS
- rd ROAD
- rz RIPARIAN
- rv RESERVOIR
- st STREAM
- ex Exposed Land
- rs Rock / Rubble
- s Snow / Ice
- rm RESERVOIR MARGIN
- rw RAILWAY SURFACE
- ro ROAD SURFACE
- ru ROAD SURFACE
- tz TAILINGS
- ta TAILINGS
- u URBAN

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records)
- ALPINE
- AF ALPINE FOREST (Species)
- CL CLAY
- CL CLAY BANK
- G GRAVEL BAR
- GP GRAVEL PIT
- ICE ICEFIELD
- MUD MUD FLAT
- NP NON-PRODUCTIVE
- NPBR NON-PRODUCTIVE BRUSH
- NPF NON-PRODUCTIVE FOREST (Species)
- NPL NON-PRODUCTIVE LOW
- NPT NON-PRODUCTIVE TREES
- R ROCK
- S SWAMP
- SAND SAND
- TIDE TIDAL FLAT
- URBAN
- NC NON COMMERCIAL
- NCBR NON COMMERCIAL BRUSH
- NP NON PRODUCTIVE
- NPBR NON PRODUCTIVE BRUSH/TREED
- NON NOT TYPING AVAILABLE

Line 6 - Disturbance History
1 disturbance type code proceeded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

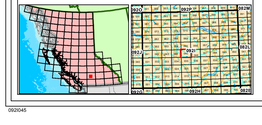
- A Animal Damage
- B Wildfire
- C Cone and Seed Insects
- D Disease
- I Insects
- L Logging
- M Mine Damage
- N Non-Biological Injuries
- P Cone and Seedling Fungal Pathogens
- R Site Rehabilitation
- T Treatment Injuries
- U Damage Unknown
- V Problem Vegetation

Example Opening History Details

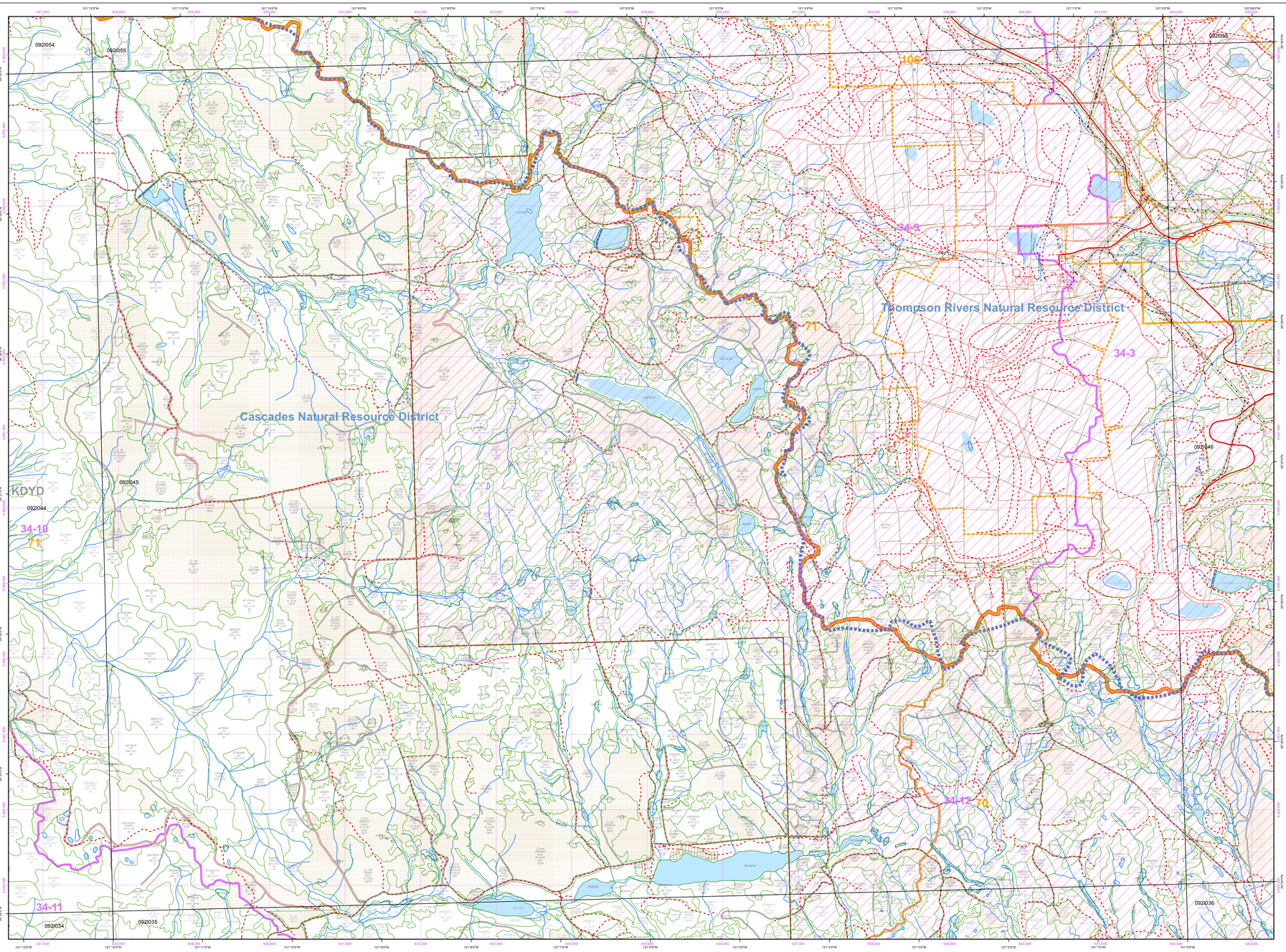
Detailed Silviculture information is available on the BCGW Silviculture Treatments layer. The MapView example is of the text RESULTS data.

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
SILVICULTURE BASE
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH



2012	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18
2013	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18
2014	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18
2015	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18
2016	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18
2017	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18
2018	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18
2019	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18
2020	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17/18



Overflow Labels