082G071

Vegetation Map
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Province of British Columbia
Ministry of Forests, Lands and Natural Resource Operations

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometres

0 0.25 0.5 Miles

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

This map is created from inform ation stored digitally in the BC Geographic Warehouse. The m ap has been structured to facilitate the use of data in a GIS or CAD system. The accuracy of the digital data is dependent on the source data. Some portrayal may not be complete and up to date. Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. Copyright Province of British Columbia (June 2014)

Lands Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Features
- Forest Vegetation Polygons
- Silviculture Opening or Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

TRIM Base Features
- Built Up Areas
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Hydro Lines
- Power lines
- Pipelines
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV. 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 fill = 10% hatch)
- Municipal boundary (1:1,000,000 fill = 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 Codes - separated/ Site Index - estimated SI
ex. stand's age class 2 (21-40 yrs), height class 1 (0.1-12.4 m), crown closure class 1 (6-15%), SI 20m
5 Site Index - estimated SI - separated by a forward slash
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 - Historic 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 - BC Tree Codes List 1
Species Composition: Species are labelled in their order of predominance. Major: first Minor in brackets.
The following codes are based on "Tree & C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

At	Alaska Yell Cedar
C	CYPRESS
Ep	Engelmann Spruce
SXE	SPRUCE HYBRID
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Hw	Western Hemlock
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
Hl	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
Pa	PINE
Pli	Pinus Mis Jumper
Pl	Lodgepole Pine
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Lace Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Plx	Lodgepole x Jack Pine hybrid
Pli	Pacific Pine (Jumper)
Pm	Mountain Hemlock
Pw	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sxe	Engelmann x White
Sxl	White x Sitka
Sxw	White x Unknown hybrid
Yc	Yellow Cedar
Yw	Western Yew

NATIVE HARDWOODS

A	ALDER
Ac	Red Alder
D	APPLE
Dc	Pacific Crab Apple
E	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Black Cottonwood
Ae	Aspen
Ax	Trembling Aspen
B	BIRCH
Ep	Paper Birch
Bg	Alaska Paper Birch
Bgx	Alaska x Paper Birch hybrid
Bp	Paper Birch (white)
Bpx	Paper x Alaska
Bt	BIRCH
C	CHERRY
Cb	Black Cherry
Cc	Choke Cherry
Cp	Pin Cherry
Cw	Wild Cherry
D	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
S	SHRUBS
Sg	Garry Oak
Sw	Willow
Sb	Saskatoon Berry
Wp	Pacific Willow
Wpg	Pacific Willow (Barclay's)
Wsp	Pussy Willow (gray leaved)
Wy	Scouler's Willow
Wt	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	Unknown Conifer
Xh	Unknown Hardwood
Xs	other conifer
Xx	other hardwood

EXOTICS

A	APPLE
Ac	Red Alder
E	ASPEN, COTTONWOOD or POPLAR
Act	Black Cottonwood
Ae	Aspen
Ax	Trembling Aspen
Bp	European Birch
Bpx	Alaska x Paper Birch
Pa	Tatarian Birch
Pl	Lodgepole Pine
Yc	Yellow Cedar
Cy	Cherry
Cw	Wild Cherry
F	FIR (Balsam)
Fa	Alpine Fir
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
H	HEMLOCK
Hw	Western Hemlock
L	LARCH
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Lace Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Plx	Lodgepole x Jack Pine hybrid
Pli	Pacific Pine (Jumper)
Pm	Mountain Hemlock
Pw	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sxe	Engelmann x White
Sxl	White x Sitka
Sxw	White x Unknown hybrid
Yc	Yellow Cedar
Yw	Western Yew

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	0-40
2	41-60
3	61-80
4	81-100
5	101-140
6	141-250
7	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 12.4
2	12.5 - 19.4
3	19.5 - 24.4
4	25.5 - 31.4
5	32.5 - 44.4
6	45.5 - 64.4
7	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	6 - 10
2	11 - 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
Site productivity is the inherent index achievement at 50 years. It is estimated from the age and height of dominant trees in healthy stands. Where an accurate SI cannot be obtained then estimates based on site series or ecosystem units may be used.

4e. ESTIMATED SITE INDEX
Site productivity is the inherent index achievement at 50 years. It is estimated from the age and height of dominant trees in healthy stands. Where an accurate SI cannot be obtained then estimates based on site series or ecosystem units may be used.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for %and I (sparsely)

NON-TREED SHRUB
- sb - SHRUB
- s - SHRUB (Unk)

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

NON-TREED SHRUB
- sb - SHRUB
- sm SHRUB - MOSS
- sl SHRUB - LICHEN

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 50% or more of the herb cover.
herb with graminoids > 50% of the herb cover.

NON-TREED SHRUB
- sb - SHRUB
- sm SHRUB - MOSS
- sl SHRUB - LICHEN

mixed with no distinction between most abundant by cover.
mixed with mosses, bryoids, and lichens/s > 50% of the shrub cover.
mixed with lichens > 50% of the shrub cover.

NON-VEGETATED CATEGORIES (for I and I (sp <=5%)

- ac - ACCUM
- ar - ROCK
- bl - BOULDERS
- bm - BOULDERFIELD
- cf - ALPINE FOREST Ramrk
- cl - CLIFF
- cb - CLAY BANK
- ds - DEBRIS SLIDE
- dt - DEBRIS APT
- ice - ICEFIELD
- mi - MINE
- wat - WATER
- mu - MUSKEG
- mv - MUDFLAT SEDIMENT
- mw - RUSH / REED STOLS
- rc - RIVER
- rl - LAKE
- rm - MARSH
- rs - SWAMP
- rv - RIVERBANK / SEDIMENTS
- rz - ESTUARINE
- sc - SCRUB LAND
- wm - WOMANE
- ro - RESERVOIR MARGIN
- rp - RIVERBANK GRAVELS
- rr - RIVERBANK ROCK
- rs - ROAD SURFACE
- sa - SALT
- sf - SALT FLAT
- u - URBAN

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for I, reserves)

- ALP - ALPINE
- BRY - BRYOPHYTES
- CB - CLIFF/BLUFF
- CLI - LICHEN
- EXP - EXPOSED SOILS
- FOR - FORB
- GRA - GRASS
- GRO - GRAMINOID
- HER - HERBACEOUS (general)
- MOS - MOSS
- NPF - NON-PRODUCTIVE FOREST (Species Composition Applicable)
- NPL - NON-PRODUCTIVE (Species Composition Inapplicable)
- PAS - PASTURE
- SAG - SAGEBRUSH
- SHB - SHRUB
- SNOW - SNOW/ICE
- TALUS - TALUS
- UNK - UNKNOWN
- WAT - WATER
- WET - WETLAND
- NC - NON COMMERCIAL
- NCBR - NON COMMERCIAL BRUSH
- NP - NON-PRODUCTIVE
- NPBR - NON-PRODUCTIVE BRUSH
- NR - NOT FOR REFORESTATION
- NSR - NOT SUITABLE FOR RESTOCKING

Line 6 - Disturbance History

Disturbance code is preceded by symbol, followed by earliest date.
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

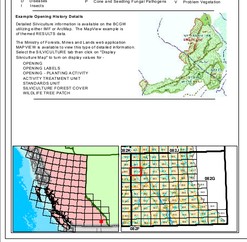
- A - Animal Damage
- B - Wildfire
- D - Insects and Insect Investig
- D - Diseases
- Insects
- L - Logging
- M - Mis Damage
- S - Silviculture Activities
- W - Cone and Seedling Fungal Pathogens
- X - Site Rehabilitation
- T - Treatment Injuries
- U - Unknown Injuries
- V - Problem Vegetation

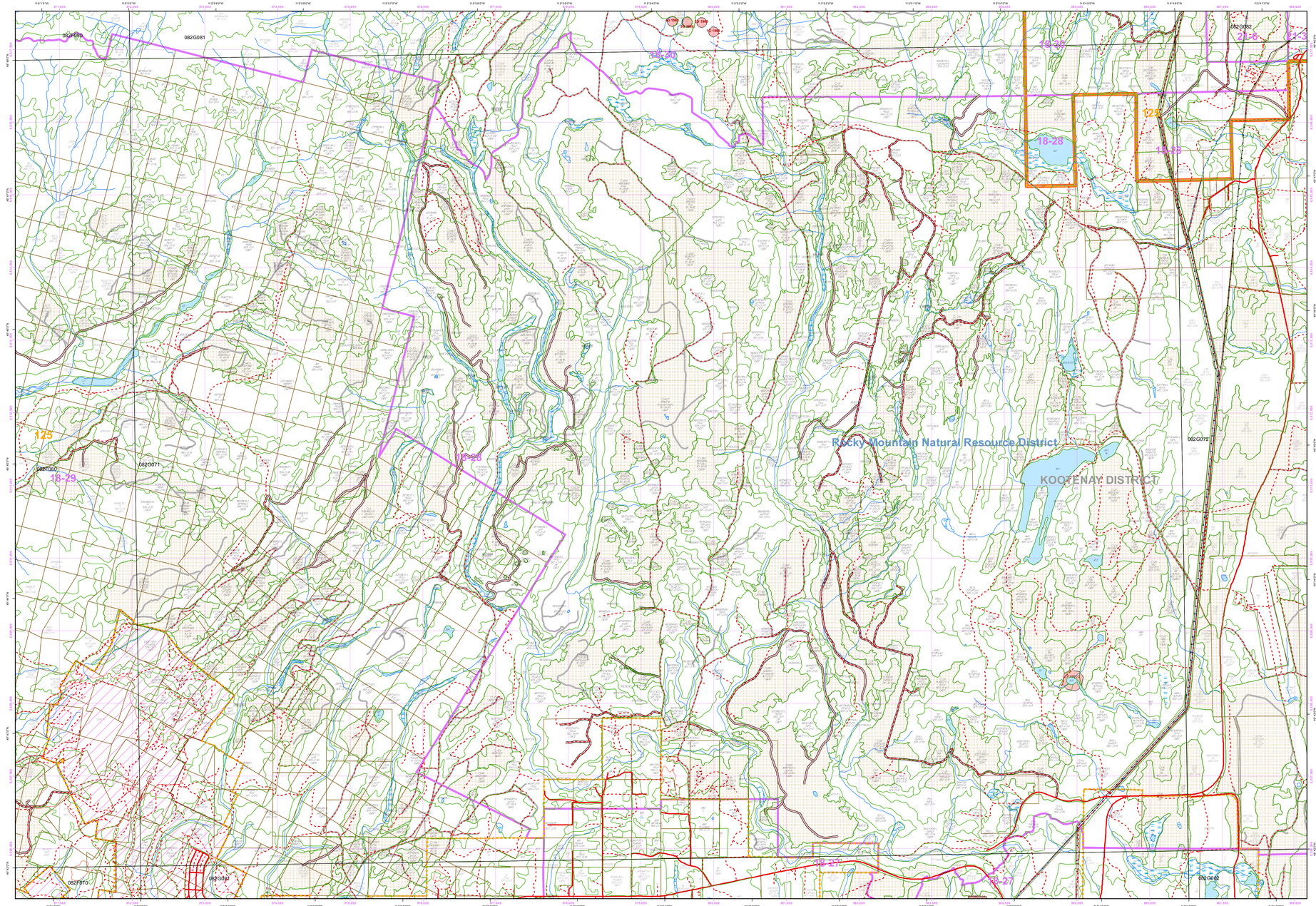
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either RIT or ArcMap. This Mapview example is of the new RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select Forest Cover, Opening, Silviculture Activity.
Silviculture Must" is turn on; degree scale to :

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





Overflow Labels

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