Vegetation Map
082F030

Scale 1:20,000

0 0.25 0.5 0.75 Kilometres

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 contained in this map is not to be used for navigation. Administrative boundaries and the Ownership colour theme are for reference purposes only. (Legend revised June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM Base Features:
- Ice & Ice Features
- Forest Tenure Road Lines
- Forest Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Aqf Areas
- Other Lines
- Powerline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Rock/Wasteland - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MV Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrains
- Municipal boundary (< 7,500,000 ha) (no hatch)
- Municipal boundary (> 7,500,000 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. Silviculture symbol and Opening Number
2. Polygon Number and multi-layer stand indicator (L)
3. Species Composition
   x.x the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock)
   (x.x) the second layer is described as Cw (Western Redcedar) and Fd (Douglas Fir)
   ex: stand is age class 2 (21-40 yrs), Height class 1 (0.1-13.4m), 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 that 2m.
6. Disturbance History & year - ex: Logged in 1972

Line 1 - History Record (Cutting Number)

OXX - opening number valid for BCGS mapsheet *XXX* - 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 - SITE Tree Species (Line 3)

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 4.0 dated January 2009.

NATIVE CONIFERS

Ac	ALDER, Sitka
Cw	Western Red Cedar
Ep	Engelmann Spruce
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Hm	Mountain Hemlock
Hw	Hemlock Fir
Bg	Grand Fir
Lw	Western Larch (Tamarack)
L	LARCH
Hw	Western Hemlock
Hwc	Western Hemlock Coastal
Hwm	Mountain / Western Hemlock hybrid
J	JUNIPER
J	Rocky Mtn. Juniper
Js	Scopulorum Juniper
La	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Alpine Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (coastal)
Ply	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pw	Western White Pine
Pyb	Whitebark Pine
Py	Yellow Pine
Sb	Black Spruce
Se	Engelmann x White Spruce
Sb	Sitka Spruce
Sw	White Spruce
Sxl	Hybrid Spruce
Sxw	Engelmann x White
Sxb	Sitka x Interior hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

A	ALDER
Dr	Red Alder
Sa	Sitka Alder
Ep	EARLY Cw Aspen
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Ap	Aspen Popular
Act	Black Cottonwood
Ep	Early Cw Aspen
Hx	Trembling Aspen
B	BIRCH/OTI
Ba	Alaska Paper Birch
Bp	Paper Birch (white)
Bpr	Paper Birch (white)
Bw	Water Birch
C	CASCARA
Ca	Cascara
D	DOGWOOD
Dh	Pacific Dogwood (western flowering)
E	ELM
Eu	Rock Elm
Ep	Slippery Elm
H	HARDWOOD
Dr	Dry Cherry
Hw	Fire Cherry
D	DOGWOOD
Dh	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gg	Garry Oak
Or	Oregon Oak
Wb	Bebb's Willow
Wg	Pacific Willow
Wp	Prairie Willow (Bebb's)
Wr	Peach Willow (pre-leaved)
W	WILLOW
Wr	Peach Willow (late-leaved)

UNKNOWN - OTHER

X	UNKNOWN
xc	unknown conifer
xh	unknown hardwood
Z	OTHER (tree not in list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ai	APPLE
Ap	Apple
At	ASPEN, COTTONWOOD or POPLAR
Act	Hybrid Cottonwood
B	BIRCH
Bc	European Birch
Be	Silver Birch (exotic)
Bl	*Yellow Birch
Bp	*Paper Birch
Cl	Cherry
CY	CYPRESS
Cy	*Monterey Cedar
Fd	FIR (Balsam)
Bf	*Balsam Fir
Bg	*Grand Fir
Bm	*Alaska Red Fir
Bl	HEMLOCK
Lt	*Tamarack Larch
Lw	*Western Larch
MAPLE	
Mn	*Norway Maple
Mp	*Sycamore Maple
O	OAK
Ob	*English Oak
Or	*White Oak
P	PINE (EXOTICS)
Pa	*Austrian Pine
Pb	*Scots Pine
Pc	*Corsican Pine
Pf	*Ponderosa Pine
Pj	*Japanese Red Pine
Pm	*Mugo Pine
Pn	*Monterey Pine

Line 4

4a. AGE CLASS

CODE	YEARS (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 - 1.4
2	1.5 - 4.4
3	4.5 - 7.4
4	7.5 - 10.4
5	10.5 - 13.4
6	13.5 - 16.4
7	16.5 - 19.4
8	19.5 - 22.4
9	22.5 - 25.4
A	25.5 - 28.4
B	28.5 - 31.4
C	31.5 - 34.4
D	34.5 - 37.4
E	37.5 - 40.4
F	40.5 - 43.4
G	43.5 - 46.4
H	46.5 - 49.4
I	49.5 - 52.4
J	52.5 - 55.4
K	55.5 - 58.4
L	58.5 - 61.4
M	61.5 - 64.4
N	64.5 +

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
A	86 - 100

4d SITE INDEX

Site index is the mean height attained at 50 years (breast height age). SI is based on the age and height of the leading species. When an accurate SI cannot be obtained, two alternate methods are used to estimate site index:

4e ESTIMATED SITE INDEX

SI is estimated when suitable SI trees are not present, e.g. young stands or burns. SI is derived by a stand's relationship to other stands in the area. Estimated SI's are recorded as Inventory Type Group 2 or 3 (Estimated site index).

Line 5 - Vegetation records

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

NON-TREED SHRUB

Sa	SHRUB - shrub with average shrub height > or = to two metres.
Sb	SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB

H	HERB
Hf	HERB - FORBS - herb with no distinction between forbs and graminoids.
Hg	HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED MOSS

My	BRYOID
Mm	BRYOID - MOSS - bryoid with no distinction between mosses and lichens by cover.
Ml	BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

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

W	WATER	mu MUD/FLAT SEDIMENT
I	ICE/SNOW	gr GRAVEL BAR
R	BUCKFIELD	L LAKE/SLU
S	SCRUB	r RIVER/STREAM
B	BURNED AREA	es ESTUARINE/LAKE SEDIMENTS
G	CUTBANK	oc OPEN PIT MINE
M	MISCELLANEOUS	d DRAIN
X	UNKNOWN	

mu MUD/FLAT SEDIMENT
mr RIVER/STREAM GRAVEL
oc OCEAN
rv RESERVOIR
es ESTUARINE/LAKE SEDIMENTS
oc OPEN PIT MINE
d DRAIN

rm RESERVOIR MARGIN
es ESTUARY SEDIMENTS
m RIVER SEDIMENTS
ms SEDIMENTS
R ROCK
t TAILINGS
u URBAN

Note: Water categories are not recorded over the polygon coverage.

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

A	ALPINE
AF	ALPINE FOREST (Species composition)
CL	CLAY BANK
G	GRAVEL BAR
L	LAKESHORE
ICE	ICEFIELD
M	MEADOW
W	WETLAND
NPBR	NON-PRODUCTIVE BRUSH
NPF	NON-PRODUCTIVE FOREST
NPFL	NON-PRODUCTIVE FOREST (Species composition)
NTA	NO TYPING AVAILABLE
R	ROCK
ROCKFIELD	ROCKFIELD
S	ROCK
T	TALUS

SNSO SNSO
TIDE TIDAL FLAT
U URBAN

NC NON COMMERCIAL
NPBR NON-PRODUCTIVE BRUSH
NPF NON-PRODUCTIVE
NSR NOT SUFFICIENTLY RESTOCKED
NTA NOT TYPED AVAILABLE

Line 6 - Disturbance History

Disturbance type 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.

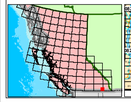
A	Animal Damage	L	LOGGING
B	Broom	N	Non-Biological Injuries
C	Cone and Seed Insects	P	Cone and Seedling Fungal Pathogens
D	Diseases	R	Site Rehabilitation
I	Insects	T	Treatment Injuries
		U	Unknown Injuries
		V	Problem Vegetation

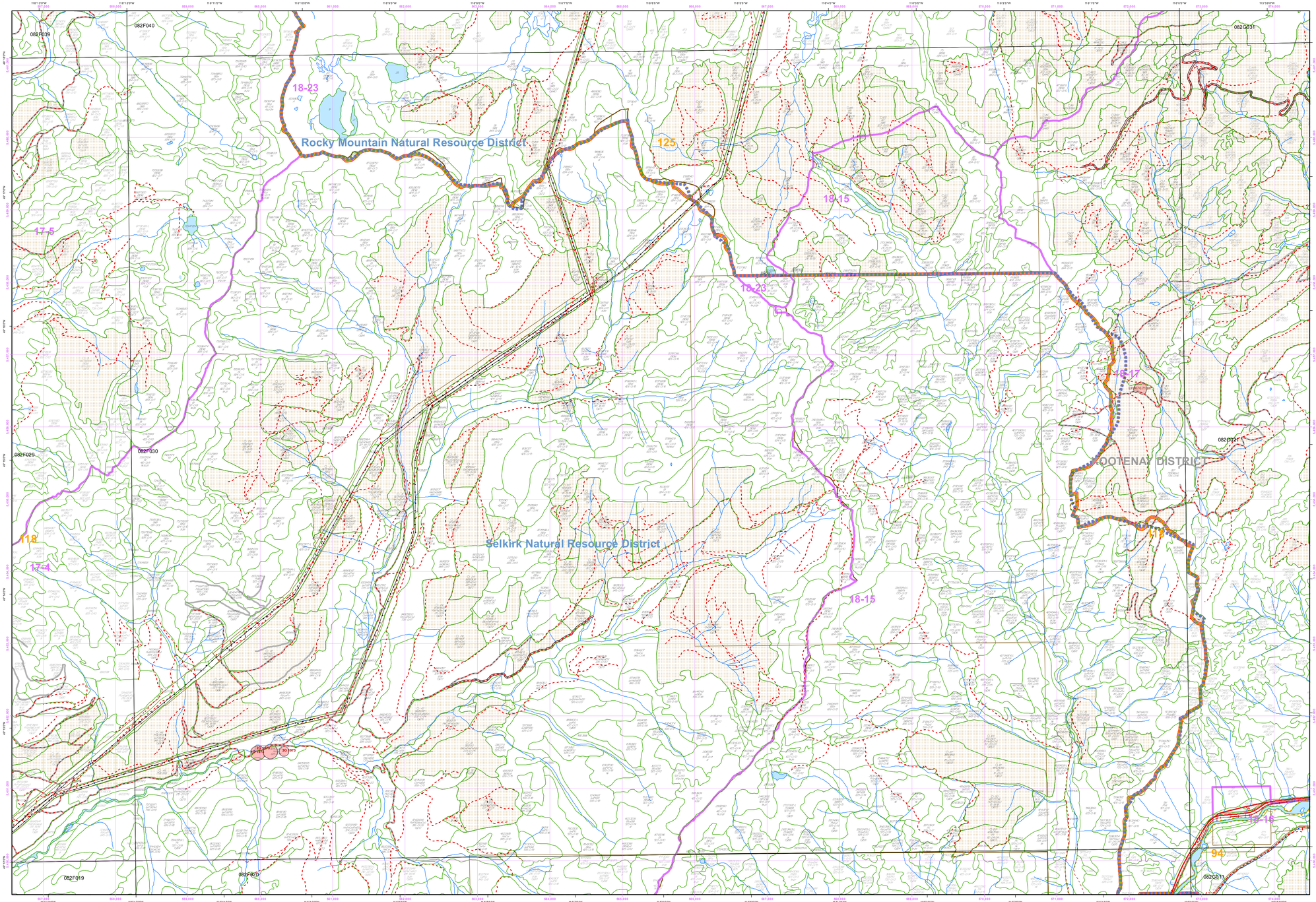
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either RIF or ArcMap. The MapView example is of themed 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 ID
OPENING LABEL 2
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE PATCH





Overflow Labels