Vegetation Map
082G003

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 revised to June 2016.

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Feature:
- Forest Vegetation Polygons
- Nonsyltem Opening Vegetation
- Permanent Sample Plot (CVS)
- Research Installations

TRIM: Base Feature:
- Rock Rivers
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airstrips
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodkalliaries - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MoF Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrain
- Municipal boundary (1:1,000,000 for 1:1 % match)
- Municipal boundary (1:1,000,000 for 1:1m Match)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet 0-M (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
ex: Fd 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: stand is age class 2 (21-40 yrs), height class 1 (0.1-3.4m), crown closure class 1 (6-15%), SI 20m
5 Inventory Type Group or Non-Productive Descriptor)
ex: a rock polygon with no distinction between rocks and grasslands, shrubs less than 2m.
6 Disturbance History & year - ex: L logged in 1978

Line 1 - History Record Opening Number

OPNG - opening number valid for BCGS mapsheet
OPNX - 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 4.0 dated January 2005.

NATIVE CONIFERS

Cw	Western Red Cedar
Y	CYPRESS
Yc	Nootka Cedar
Y	ROCKY MTN
Ft	Subalpine Fir
Fdi	Coastal Douglas Fir
Fd	Douglas Fir
F	FIR (Balsam)
Ba	Amabilis Fir
Bl	Alpine Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
P	PINE
Pli	Rocky Mtn Juniper
Pl	Lodgepole Pine
L	LARCH
Lw	Western Larch
Lt	Tamarack
Lw	Western Larch
Pa	Whitebark Pine
Pf	Limber Pine
Pw	Western White Pine
Pj	Lodgepole Pine (interior)
Pq	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (interior)
Pm	Shore Pine (coastal)
Pxj	Shore x Jack Pine hybrid
Pw	Whitebark Pine
Py	Ponderosa Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sx	SPRUCE
Sw	White Spruce
Sx	Sylvan hybrid
Sxw	Sitka x White
Sxl	Sitka x White
Sxl	Sitka x Unknown hybrid
Ss	Sitka
Yw	Western Yew

NATIVE HARDWOODS

Ac	Black Cottonwood
Ax	Red Alew
Ag	ARBUTUS
Ep	Paper Birch (Alaska)
Act	ASPEN, COTTONWOOD or POPLAR
Ep	Aspen
Ebp	Balsam Poplar
Ept	Balsam x Aspen hybrid
Ea	Trembling Aspen
At	Trembling Aspen
Ax	Alnus
Ep	BIRCH
Ep	Paper Birch
Epa	Aspen x Paper Birch hybrid
Ep	Paper Birch (white)
Ac	Black Cottonwood
Ax	ALDER/ALNUS
Ac	Alder
Y	CHERRY
Ym	Pin Cherry
Yc	Choke Cherry
Yp	Fire Cherry
Ym	Bitter Cherry
Yv	Pacific Dogwood (leaded flowering)
M	MAPLE
Dr	Red Alder (orderbelt)
Ma	Vine Maple
D	OAK
Dg	Garry Oak
Dw	WILLOW
Wp	Pacific Willow
Wb	Bebb's Willow
Wbg	Bebb's x Glaucous (Barclay's)
Wg	Polyris Willow (also Arend's)
Wa	Scouler's Willow
Wp	Pacific Willow (Lasiandr)

UNKNOWN - OTHER

Z	unknown conifer
Zx	unknown hardwood
Z	OTHER (tree not list)
Zx	unknown
Zx	unk-hardwood

EXOTICS

Ia	Black Locust
Act	ASPEN, COTTONWOOD or POPLAR
Ag	Grey Alder (Alnus tenuifolia)
Ew	Black Walnut
Ew	Silver Birch (exotic)
Ew	Black Birch
Ew	Gold Birch
Ys	Sweet Cherry
Ew	Red Alder
Ew	Red Osier Dogwood
Ew	FIR (Balsam)
Bp	Noble Fir x
Bn	Noble Fir x
Bm	"Shasta Red Fir x
Bm	Noble Fir
L	LARCH
Lk	European Larch
Lj	Japanese Larch
Lx	Hybrid
Ew	Box Elder
Mr	"Norway Maple
Mr	"Norway Maple
Ow	"English Oak
Ow	"Red Oak
	OTHER EXOTICS
Ow	"Siberian Crab
Ow	"Scarlet Oak
Ow	"Cleat Redwood
Ew	European Mountain Ash
Ew	"Black Locust (exotic)
Ew	Oregon Ash
Ew	"White Ash
Ew	"Manchurian Walnut
Ew	Tree of Heaven
Ok	Japanese Walnut
Ew	Elm
Pw	"Himalayan Pine
Pr	"Red Pine
Pn	"Austrian Pine
Sx	SPRUCE
Sn	"Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
7	1-20
1	21-40
2	41-60
3	61-80
4	81-100
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 - 16.4
3	16.5 - 22.4
4	22.5 - 27.4
5	27.5 - 32.4
6	32.5 - 37.4
7	37.5 - 44.4
8	45.5+

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
6	6 - 10
1	11 - 15
2	16 - 25
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX

All SI estimates in the inventory are stated in metres at 50 years breast height age. Where a SI is not available, a "0" is entered in the leading position. Where an accurate SI cannot be calculated from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. immature stands. Where SI is estimated, the species used to estimate SI is recorded in the first two positions and inventory Type Group and SI Estimated source code.

Line 5 - Vegetation Inventory

VEGETATED NON-TREE CATEGORIES (for X and I opinions)

NON-TREED SHRUB
- a SHRUB TALL - shrub with average shrub height > or = to two metres
- m SHRUB LOW - shrub with average shrub height < two metres

NON-TREED HERB
- g GRAMINOID - herb with no distinction between forbs and graminoids
- f FORB - FORBS - herb with forbs > 50% of the herb cover
- h GRAMINOID - herb with graminoids > 50% of the herb cover

NON-TREED BRYOID
- by BRYOIDS - bryoid with no distinction between mosses and lichens by cover
- bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHEN - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
- rl Exposed Land
- rs Snow / Ice
- w Water - Ice

NON VEGETATED CATEGORIES (for X and I opinions)

- ae AIRPORT
- ag GRAVEL PIT
- ap PIPELINE
- as SETTLEMENT
- au UTILITY
- bc BEDROCK
- bl BOULDERFIELD
- cl CLITBANK
- el EXPOSED SOILS
- fl FLOOD
- gl GLACIER
- ll LAKE
- ls LANDING
- mi MINE
- mp MUSKEG
- mw MORAINE
- my MUDFLAT SEDIMENT
- ra RIVER BANK GRAVEL
- rc ROCK
- ri OTHER
- rs SNOW COVER
- rv RIVER/DRAIN
- rz RIVER / STREAM
- rm RESERVOIR MARGIN
- rr RIVER BANK STABLE
- rs RIVER SEDIMENTS
- rz ROAD SURFACE
- sa SALTFLAT
- ta TAILINGS
- ur URBAN

Note: Water categories (rl, rs, w, rz) are displayed on Polygon coverage.

NON-FOREST - NON-PRODUCTIVE DESCRIPTOR (for F no entry)

- AF ALPINE FOREST
- AFP ALPINE FOREST Gamma
- CL CLIFF
- CL CLAY BANK
- ES ERODED SOIL
- GR GRAVEL
- ICE ICEFIELD
- LAVA LAVA FLOW
- MUD MUDFLAT
- NP NON PRODUCTIVE
- NPBR NON PRODUCTIVE BRUSH
- NPBU NON PRODUCTIVE BURN
- NPDS NON PRODUCTIVE DST-Species
- OC OCEAN
- RIV TOPPING ANGLES
- ROCK ROCKSLIDE
- R riverFIELD
- S SCREE
- SAND SAND
- TER TERRACE
- TF TERRACE FLAT
- W WATER
- NC NON COMMERCIAL
- NCBR NON COMMERCIAL BRUSH
- NP NON-PRODUCTIVE
- NPSTOCK NON-PRODUCTIVE STOCKED
- NFA NOT FORESTED AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by earliest date
Up to four disturbance type designates category; refer to official code list for sub-category descriptions.

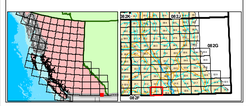
A	Animal Damage	L	Logging
B	Wildfire	M	Mining Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
	(general)		
		R	Site Rehabilitation
		S	Silviculture Treatment
		T	Damage Unknown
		V	Problem Vegetation

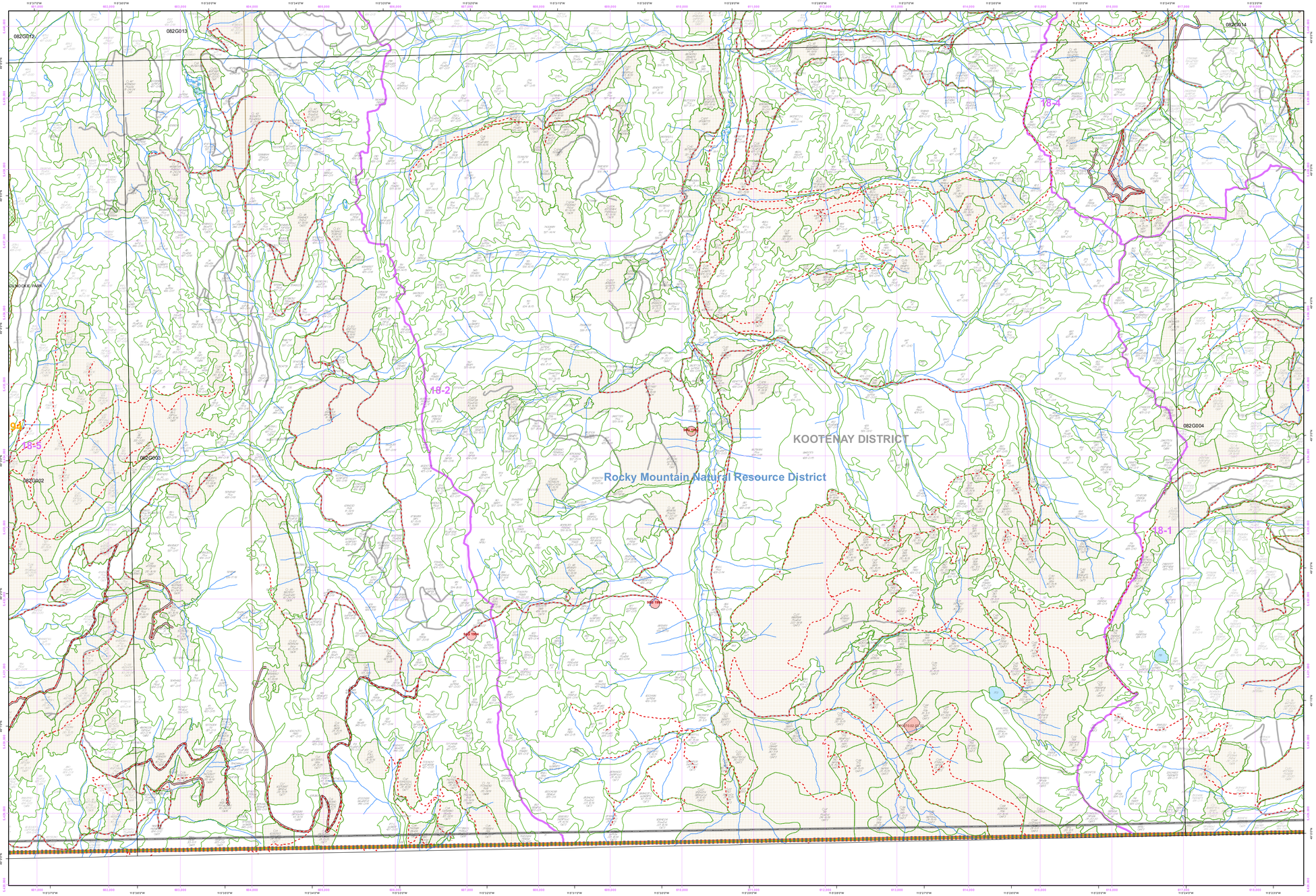
Example Opening History Details

Detailed silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of the new RESULTS data.

The Ministry of Forests, Mines and Lands web application MapView can be used to view and query spatial information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for -

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





Overflow Labels