082G053

Vegetation Map
082G053

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - WRMS / 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. (Digital Version June 2014)

Labels Projected for January 1, 2016

MAP SYMBOLOGY

Forest Inventory Fabric+:
- Forest Vegetation Polygons
- Structure Opening in Vegetation
- Permanent Sample Plot (1970)
- Research Installations

TRIM - Base Feature+:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroads
- Air Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodrainlines - 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 - Terrabc
- Municipal boundary (if > 1,000,000 ha - 15 % 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:

CD 1 ES 1 AT 2 LP 30 Wet 0508

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and inventory label indicator (L)
3 Species Composition
4 Age, Height, Crown Closure Class - separators - Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-12.4m), crown closure class 1 (5-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: a herb polygon with no distinction between forbs and graminoids, whose less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

- opening number valid for BCGS Mapsheet

none - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one-to-nine digits
X 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

C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Cypress
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Pacific Fir
Hm	Mountain Hemlock
Hw	Western Hemlock
Hm-w	Mountain Hemlock-Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Ju	Juniper Sp.
L	LARCH
Lw	Western Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodge Pole
Plc	Lodgepole Pine (interior)
Plq	Lodgepole x Jack Pine hybrid
Pli	Lodgepole Pine (interior)
Pla	Black Pine (scrub)
Pw	Western White Pine
Pyc	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Hybrid Spruce
Sw	White Spruce
Sxw	Spruce Hybrid
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
YEW	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Ds	Sitka Alder
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Act	Balsam Poplar
Ax	Black Cottonwood
Ac	Hybrid Poplars
Ae	Unidentified Aspen
Ab	Birch
Ba	Alaska
Bb	Paper
Bp	Alaska Paper Birch
Bpg	Alaska x Paper Birch hybrid
Bpp	Paper Birch (white)
Bb	Water Birch
Bg	Gray Birch
C	Cascara
Y	CHERRY
Yp	Pin Cherry
Yc	Choke Cherry
Ye	Pin Cherry
E	ELM (Common)
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Bebb's)
Wd	Pussy Willow (grey leaved)
Wy	Yellow Willow
Wr	Sitka Willow (blue-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xh	unknown hardwood
Xs	unknown softwood
Z	other conifer
Zh	other hardwood

EXOTICS

Ue	APPLE
Ua	ASPEN, COTTONWOOD or POPLAR
Ax	Northern Cottonwood
Ae	European Birch
Ek	Gray Birch (exotic)
Ev	Swedish Birch
Ea	CHERRY
Ys	Sweet Cherry
Yc	Choke Cherry
Ye	Pin/ Dirford Cedar
Ew	ELM (Dutch)
Bk	Siberian Fir
Bp	Noble Fir
Bn	Nikko Fir / Momi Fir
Bm	White Fir
Lk	LARCH
Le	European Larch
Lj	Japanese Larch
Lx	Hybrid Larch
Ma	MAPLE
Mb	Norway Maple
Mb	Norway Maple
Ms	Sycamore Maple
Oc	OAK
Ow	English Oak
Ow	White Oak

OTHER EXOTICS

Ow	Siberian Elm
Ow	European Mountain Ash
Ow	Russian Olive (Autumn)
Ow	Common Pear
Og	Dragon Ash
Ob	Black Ash
Ot	Mongolian Hickory
Oj	Tree of Heaven
Ow	Chinese Walnut
Ows	
Pm	Monterey Pine
Pn	Austrian Pine
Pr	Taiga 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	0.1 - 12.4
2	12.5 - 19.4
3	19.5 - 28.4
4	28.5 - 37.4
5	37.5 - 48.4
6	48.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	5 - 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

All SI are shown to the nearest metre referenced at 50 years breast height age. SI may be site curve, or height / age estimates leading species. Minimum accurate SI cannot be obtained from age and height estimated SI's shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when outside SI lines are not present e.g. Non-Forested Vegetation, or the SI is greater than 5 metres through previous SI. Associated fields in the data base are inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I sp codes)

NON-TREED SHRUB
- SP SHRUB - shrub with average shrub height > or = to two metres.
- p SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- H HERB - herb with no distinction between forbs and graminoids.
- hf HERB - FORBS - herb with forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
- by BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSSES - bryoid with mosses > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I sp codes)

ai AIRPORT	gr GRAVEL PIT	mu MUDFLAT SEDIMENT	rm RESERVOIR MARGIN
bl BEACH	L LAKE	mp PUBLIC MINE SPOILS	rs RIVER SEDIMENTS
bf BEDFIELD	la LAKE BED	oc OCEAN	rs RIVER SURFACE
w BEDWOOD	l LANDING	oi OTHER	S SAND
bs BURNS CANCA	s POND or LAKE SEDIMENTS	pi RESERVOIR	T TAILINGS
c CITY/TOWN	R ROCK/GRAVEL	R RESERVOIR	U URBAN
ss CLIFFS/ECOLOGY	rm MORAINE	r RIVER / STREAM	
cl CLIFFS			

Note: these categories (ie. cc, rs, rc) not labelled over 50 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTORS (for I sp codes)

ar ALPINE	NP NON PRODUCTIVE	SAND SAND	
AF ALPINE FOREST (Species	NPBR NON PRODUCTIVE BRUSH	TIDE TIDAL FLAT	
BR BRUSH	NPBU NON PRODUCTIVE BURN	U URBAN	
CL CLAY BANK	NPFL NON PRODUCTIVE FOREST (Species		
G GRAVEL BAR	NFA NO TYPING AVAILABLE	NC - NON COMMERCIAL	
GL GLACIER	OPN OPEN RANGE	NCBR NON COMMERCIAL BRUSH	
ICE ICEFIELD	R ROCK	NP - NON PRODUCTIVE	
W MEADOW	R ROCK	NNR NOT SUFFICIENTLY RESTOCKED	
WLM WETLAND	S SNOW	NFA - NO TYPING AVAILABLE	

Line 6 - Disturbance History

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

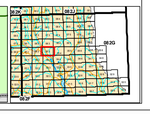
A	Animal Damage	L	Logging
B	Wildfire	M	Mist Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Treatment Injuries		
U	Damage Unknown		
V	Problem Vegetation		

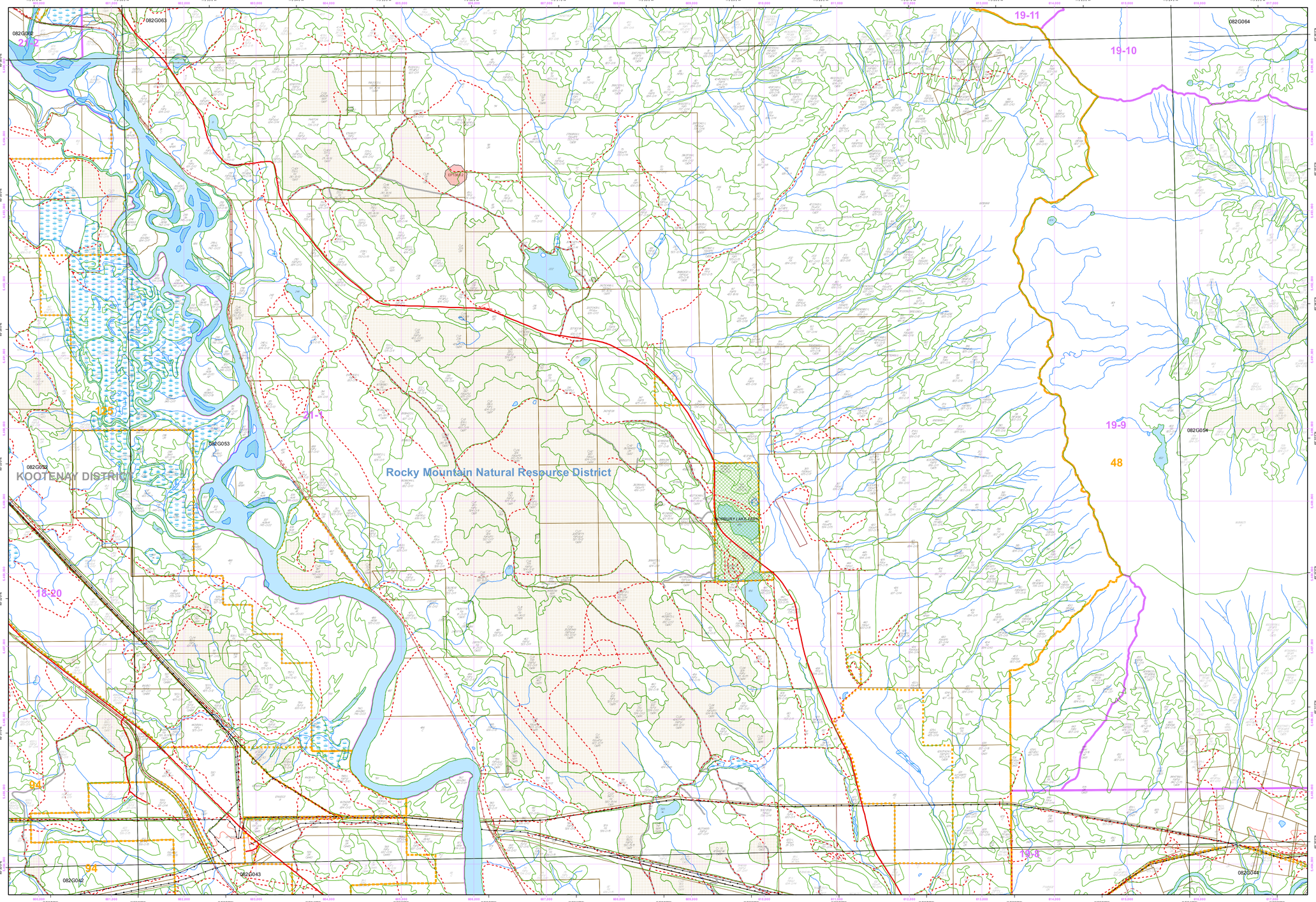
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The Mapview example is of 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
OPENING - LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH





Overflow Labels

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