Vegetation Map
082G061

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / 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 display specific information for 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 revisions June 2014).

Labels 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:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Gravel Roads
- Trails/Cutlines
- Ferries
- Air Ferries
- Other lines
- Powerlines
- Pipeline
- 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
- WV Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Surface
- Municipal boundary (> 1:200,000 flat - 15% hatch)
- Municipal boundary (< 1:200,000 flat - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Map sheet 0 km (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

Fdi 251 Fdi/ Pl 251 Pli/ Cw70

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Species Composition (Leading species and Indicator if any)
3 Species Composition
ex: the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - not applicable. Site Index = estimated SI
ex: stand is age class 2 (121-40 yrs), height class 1 (0.1-10.4 m), crown closure class 1 (6-15%), SI 20m
5 Stand Structure - not applicable. Non-Forested Descriptor
ex: a fields polygon with no distinction between fields and grasslands, shrubs less than 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

xxxx - opening number for BCGS mapsheet 0000 - 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 4.5 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
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)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetzie Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coastal)
Pli	Lodgepole Pine (Interior)
Pla	Lodgepole Pine (Alaska)
Pli	Lodgepole Pine (Interior)
Pli	Lodgepole Pine (Interior)
Pla	Lodgepole Pine (Alaska)
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coastal)
Pm	Mountain Pine (Limber)
Pf	Ponderosa Pine (Jeffrey)
Pp	Ponderosa Pine (Yellow)
Ps	Scots Pine (Exotic)
Pw	Western White Pine
Pxj	Whitebark x Limber hybrid
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sit	Sitka Spruce
Sw	White Spruce
Sxe	Spruce hybrid
Sxw	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x Lutz/Roth hybrid
YEW	
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
E	ASPEN
Up	Pacific Crab Apple
Act	Black COTTONWOOD or POPLAR
Ep	Aspen
Abp	Balsam Poplar
Ac	Black Cottonwood
Ax	Hybrid Poplar
At	Trembling Aspen
Vb	Bog Birch
Va	Willow
E	BIRCH
Ep	Alaska Paper Birch
Ekp	Alaska x Paper Birch hybrid
Ekl	Alaska Birch (white)
Ek	Alaska Birch
Ep	QUEACEAE
Ko	Cascara
Kp	Pacific Dogwood
Vc	Bitter Cherry
Vv	Choke Cherry
Vf	Fire Cherry
G	GOOSEWOOD
Gp	Pacific Dogwood (western flowering)
Gs	Red-osier
Gr	Alpine/Rietveld's dogwood
Mv	Vine Maple
M	MAPLE
Mb	Bigleaf Maple
Mv	Vine Maple
Q	Oak
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wx	Feltleaf Willow (Barclay's)
Wd	Pussy Willow (glaucous)
Wr	Red Willow (Exotic)
Ws	Sitka Willow (hardwood)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (less common tal)
Zx	other conifer
Zh	other hardwood

EXOTICS

	APPLE
Ub	ASPEN, COTTONWOOD or POPLAR
Au	*Southern Cottonwood
Ae	*European Birch
Ab	Silver Birch (exempt)
Ap	*White Birch
	CHERRY
Vs	Sweet Cherry
Vp	*Pin Cherry
	*Red Orbed Cedar
	FIR (BALSAM)
Bb	*Noble Fir
Bm	Noble Fir
Bm	*Shasta Red Fir
Bn	*Grand Fir
	LARCH
Lj	*Dahurian Larch
Le	*European Larch
	MAPLE
Me	Box Elder
Mr	*Norway Maple
	*Sycamore Maple
	OAK
Qw	*English Oak
Qn	*Red Oak
	OTHER DICOTS
Cp	*Incense Cedar
Cn	*Monterey Cedar
Cr	*Coast Redwood
Ce	European Mountain Ash
Ca	*Mountain Ash
Cf	Common Filbert
Cg	Dragon Ash
Ch	Hawthorn
Cl	*Straglastic Hickory
Cj	Tree of Heaven
Cw	*Black Walnut
	PINE
Pm	*Monterey Pine
Pn	*Austrian Pine
Pr	*Scots Pine
	SPRUCE
Sn	*Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	0 - 40
2	41-60
3	61-80
4	81-100
5	101-120
6	121-140
7	141-250
8	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)
0	0 - 5
1	6 - 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 are shown to the nearest metre referenced at 50 years breast height age. SI is estimated from VDYP, site curves or existing samples. When an accurate SI cannot be calculated, the age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX 1
SI is estimated when subalpine SI levels are not present e.g. Alpine vegetation, rock, ice, etc. The estimated SI is based on the SI provided in Associated fields in the database and includes Tree Group and SI estimated source code.

Line 5 - Vegetation Inventory

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

NON-TREED SHRUB
- sl SHRUB TALL — shrub with average shrub height > or = to two metres.
- se 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 SHRUB/HERB
- bs 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
- ni Exposed Land
- w Water
- sn Snow / Ice

NON-VEGETATED CATEGORIES (for V and I polygons)

ap	AIRPORT	mp	MINE PIT
b	BARREN	mt	MINE TAILINGS
bl	BLOCKFIELD	ls	LANDSLIDE
bu	BUILT-UP	mv	MUDFLOW
bc	BURNED AREA	mc	POND or LAKE SEDIMENTS
cb	CUTBANK	op	OPEN PIT MINE
ds	DEBRIS SLIDE	rc	RIVER CHANNEL
fl	FLOOD PLAIN		River category is used where the channel is >= 40 m and is not marked over 50 percent coverage.

mu	MUDFLAT SEDIMENT	rm	RESERVOIR MARGIN
mv	MUDFLOW SPOILS	rr	RAILWAY SURFACE
od	OCEAN	rs	RIVER SEDIMENTS
oc	OCEAN CHANNEL	ss	SALINE SURFACE
sc	SNOW COVER	ta	TALUS
re	RESERVOIR	tl	TAILINGS
rv	RIVER or STREAM	us	URBAN

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Line 5 - if non-treed)

	ASPECT		SAND / SAND
AF	ALPINE FOREST (Species	NPBR	NON-PRODUCTIVE BRUSH
CL	CLAY BAN	NPBS	NON-PRODUCTIVE BRUSH
GL	GLAY BANK	NPF	NON-PRODUCTIVE BRUSH (Species
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE
GP	GRAVEL PIT	P	PRODUCTIVE
ICE	ICEFIELD	R	WASTELAND
M	MEADOW	R	ROCK
MUD	MUDFLAT	S	SWAMP

SNO	SNOW / ICE
TIDE	TIDAL FLAT
U	URBAN
NC	NON COMMERCIAL
NPBM	NON-PRODUCTIVE BRUSH
NP	NON-PRODUCTIVE
NSR	NOT SUFFICIENTLY RESTOCKED
NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code 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	Mite Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
I	Insects		

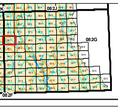
S	Site Rehabilitation
T	Treatment Injuries
U	Damage Unknown
V	Problem Vegetation

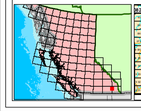
Example Opening History Details

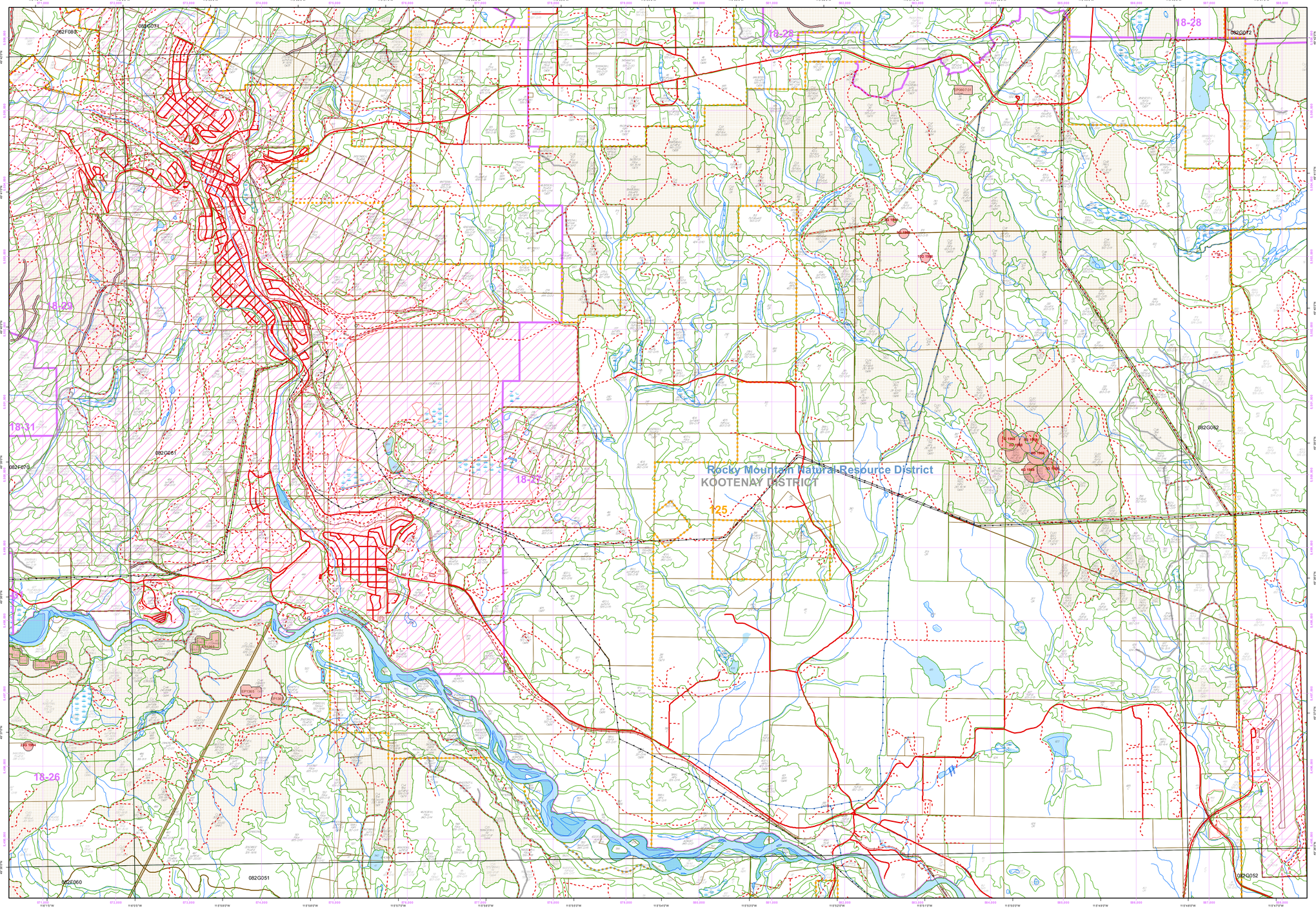
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of themed RESULTS data.

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" to turn on display values for :

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
SILVICULTURE
SILVICULTURE FOREST COVER
WILDFIRE TREE PATCH







Overflow Labels