Vegetation Map
082F060

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 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. Copyright Province of BC.

Lands Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Polygons:
- Forest Vegetation Polygon
- Silviculture Opening Vegetation
- Permanent Sample Plot (CVS)
- Research Installations

TRIM - Base Features:
- 4x Built Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- 4x4 Lanes
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolithanteria - 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
- Area Districts boundary
- Administrative boundary
- Survey Parcels - Terrabc
- Municipal boundary (if > 2,000,000 ha) - (> 15 % hatch)
- Municipal boundary (if < 2,000,000 ha) - (< hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

DRMC:
- BCGS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Historical Record Opening Number
2 Polygon Number and multi-layer stand indicator (L)
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 - separator - Site Index (estimated SI)
5 Vegetated Forest Cover (or Non-Forest Productive Description) - known (density class 1 (5-15 %), SI 20+)
6 Vegetated Forest Cover (or Non-Forest Productive Description)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
7 Disturbance History Symbol - ex: Logged in 1973

Line 1 - History Record Opening Number

opening number exist 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
L - Indicates stand is a secondary/multi-layered stand. This layer is available in the database, (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 2005

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	FIR (True)
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fa	Amabilis Fir
Fg	Grand Fir
Fb	Subalpine Fir (Alpine)
H	HEMLOCK
Hw	Western Hemlock
Hm	Mountain Hemlock
Hxm	Western x Mountain hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Jsc	Scopulus Juniper
L	LARCH
La	Alpine Larch
Lw	Western Larch
Lt	Tamarack
P	PINE
Pa	Whitebark Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (coastal)
Pli	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (Eastern)
Pla	Black Pine (Japanese)
Pw	Western White Pine
Pyn	Whitebark Pine
S	SPRUCE
Sa	Alaska Yellow Cedar
Se	Engelmann Spruce
Ss	Sitka Spruce
Sxe	Spruce hybrid
Sxw	Spruce hybrid
Sw	Engelmann x White
Sxs	Sitka x White
Sxl	Sitka x Interior hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka Alder
Dg	Pacific Dak Apple
E	BLACK COTTONWOOD or POPLAR
Ep	Poplar
Ew	Balsam Poplar
Ebt	Black Cottonwood
Ehx	Poplar hybrid
A	ARBUTUS
At	Pacific
B	BIRCH
Ba	Alaska Paper Birch
Bpa	Paper Birch x Alaska hybrid
Bp	Paper Birch (white)
Bw	Water Birch
Bb	Black Birch
C	Cottonwood
Cw	Black Cottonwood
H	Water Cherry
Hp	Pin Cherry
Hv	Choke Cherry
G	BROADLEAF
Gr	Garry Oak
Gg	Garry Oak
K	DOGWOOD
Kf	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maples
O	OAK
Gg	Garry Oak
R	MOUNTAIN ASH
Rp	Pacific Mtn Ash
Rm	Greenleaf Mtn Ash
Rw	Peachleaf Willow (Banksi's)
Rx	Willow hybrid (Banksi's hybrid)
Rh	Hooker's Willow
Rd	Drke Willow (low leaved)

NON-VEGETATED TREES

X	unknown conifer
Xh	unknown hardwood
XT	OTHER (Non-local list)
Zz	other conifer
Zh	other hardwood

EXOTICS

Ue	APPLE
Ax	ASPEN, COTTONWOOD or POPLAR
Ae	*Southern Cottonwood
Ay	*Aspen
Ey	*European Birch
Ek	*Elm Birch (smooth)
Ew	*Elm (weeping)
Ed	*Elm (Dutch)
Ex	CHINESE
Ch	*Chinese Elm Cedar
Ff	FIR (Exotic)
Bs	*Balsam Fir
Bc	*Corkbark Fir
Bn	*Nikko Fir
Bl	*White Fir
Bg	*Grand Fir
Lo	*Golden Larch
Lk	*Japanese Larch
Pp	MAPLE
Mr	*Red Maple
Mb	*Norway Maple
Mt	*Sycamore Maple
Oe	OAK
Ow	*English Oak
Ow	*White Oak
Ox	*Oregon Oak
Ob	*Holmes Oak
Oc	*Daimi Sessile
Oq	*Chinquapin Oak
Ob	*European Mountain Ash
Ra	*Rowan (European berry)
Rf	Common Pear
Rp	*Ornamental
Rb	*White Ash
Ri	*Shagbark Hickory
Rn	*Black Walnut
Rj	*Japanese Walnut
Rw	WILLOW
Pw	*Weeping Pine
Pn	*Red Pine
Pb	*Scots Pine
Pj	*Japanese Larch

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 - 10.4
2	10.5 - 13.4
3	13.5 - 16.4
4	16.5 - 19.4
5	19.5 - 22.4
6	22.5 - 25.4
7	25.5 - 27.4
8	27.5 - 28.4
9	28.5 - 29.4
0	29.5 - 31.4
1	31.5 - 34.4
2	34.5 - 37.4
3	37.5 - 40.4
4	40.5 - 43.4
5	43.5 - 46.4
6	46.5 - 49.4
7	49.5 - 52.4
8	52.5 - 55.4
9	55.5 - 58.4
A	58.5 - 61.4
B	61.5 - 64.4
C	64.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 5
2	6 - 10
3	11 - 15
4	16 - 20
5	21 - 25
6	26 - 30
7	31 - 35
8	36 - 40
9	41 - 45
A	46 - 50
B	51 - 55
C	56 - 60
D	61 - 65
E	66 - 70
F	71 - 75
G	76 - 100

4d SITE INDEX

Ht at a reference age is the nearest metre referenced at 50 years Breast Height Age. Ht is based on the age and height of the dominant and co-dominant trees. Site index is estimated from existing age and height, estimated from a known site, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated whenever site index assessment in e.g. young stands is missing. It is denoted by a slash which always precedes the SI value. Site index is estimated from Site Productivity Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON TREE CATEGORIES (for 4 and 5 on-ords)

HF	HERB FIELD
HM	HERB MEADOW
S	SHRUB LOW
SH	SHRUB HIGH

- shrub with average shrub height < 4 m in some metres.
- shrub with average shrub height > two metres

TREED HERB

- herb with no distinction between forbs and graminoids.
- herb with forbs > 50% of the herb layer.
- herb with graminoids > 50% of the herb layer.

NON TREED SHRUB

- SHRUB - undifferentiated
- SHRUB - MOSS
- SHRUB - LICHEN
- shrub with no distinction between moss and lichens by cover.
- shrub with moss, hummocks, and tussocks > 50% of the ground cover.
- shrub with lichens > 50% of the ground cover.

NON VEGETATED CATEGORIES (for 4 and 5 on-ords)

ap	AIRPORT	mo	MUSKEG / SEDIMENT
b	BEACH	mi	RUBBLE MINE SPOILS
bl	BOULDERFIELD	o	OTHER
br	BEDROCK	ol	LOADING
bu	BURNED AREA	or	ROAD or LAKE SEDIMENTS
c	CLIFF / CANYON	s	SNOW / ICE
cl	CLOSED SOILS	sn	SNOWBANK
d	DUMP		

- mo MUSKEG / SEDIMENT
- mi RUBBLE MINE SPOILS
- o OTHER
- ol LOADING
- or ROAD or LAKE SEDIMENTS
- s SNOW / ICE
- sn SNOWBANK

rm	RESERVOIR MARGIN
rr	RAILWAY SURFACE
rs	ROCK / STONE
ru	ROAD SURFACE
t	TALUS
w	WATER
u	URBAN

Note: these categories (a, cc, w, ru) are labelled over 50 percent coverage.

NON - FOREST / NON-PRODUCTIVE DESCRIPTIONS (for 5 on-ords)

ALPINE		SAND	
AF	ALPINE FOREST (Sparse	TIDE	TIDAL FLAT
CL	CLEARING	URBAN	
CL	CLAY BANK		
G	GRAVEL BAR		
R	ROCK BLUFF		
ICE	CAPPED		
M	MORAINE		
V	VOLCANIC		

NP	NON PRODUCTIVE
NPBR	NON PRODUCTIVE BRUSH
NPD	NON PRODUCTIVE - D
NPF	NON PRODUCTIVE FOREST (Species
NFA	NO FIRE(S) AVAILABLE
NL	NON LEGAL
NP	NON PRODUCTIVE
R	ROCK
W	WATER

NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NP	NON PRODUCTIVE
NSA	NOT SUFFICIENTLY RESTOCKED
NSR	NOT SATISFACTORILY

Line 6 - Disturbance History

Three instances of DIST 2 indicated by symbol, followed by earliest date
For a full range of disturbance type designations category, refer to official code list for sub-category descriptions.

- A Animal Damage
- B Wildfire
- C Cone and Seed Insects
- D Disease
- F Unknown
- L Logging
- M Mine Damage
- N Non-Biological Injuries
- P Cone and Seedling Fungal Pathogens
- R Site Rehabilitation
- T Fire(s) of Historic
- U Damage Unknown
- V Problem Vegetation

Example Opening History Details

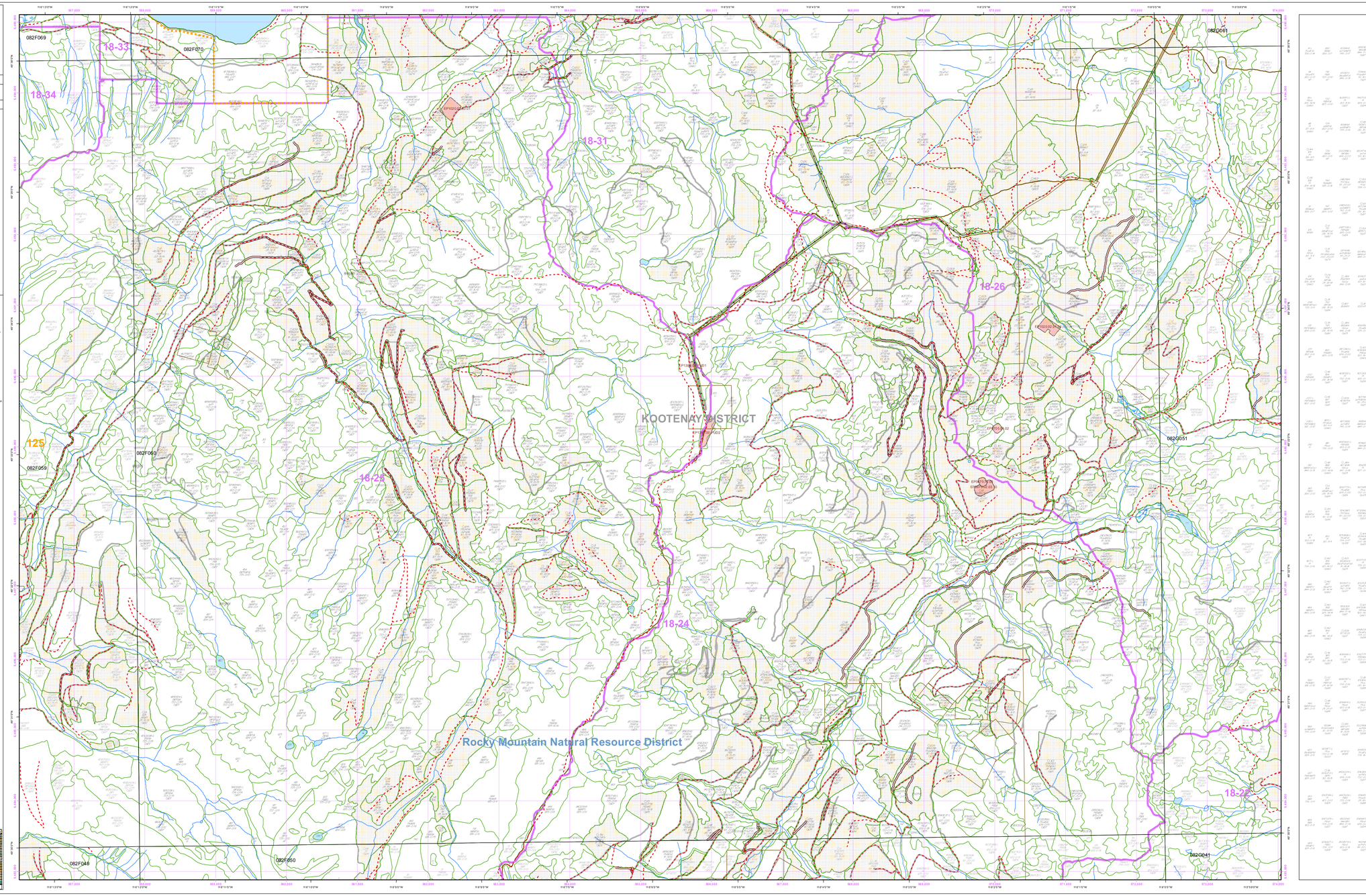
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of thinned RESULTS data.

The Ministry of Forests, Mines and Lands web application "Results" is available to view this type of detailed information. Select the "Results" option in the drop down box "Silviculture Map" to turn on display values for:

OPENING
OPENING LABELS
OPENING - PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WELL ARE TREE PATCH







Overflow Labels