082G047

Vegetation Map
082G047

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 meet specific standards and was produced by 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
- Rough Roads
- Trails/Cutlines
- Railways
- Ice Fields
- Other lines
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- MU - Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Surveys
- Municipal boundary (< 1:200,000 fab - 15 % hatch)
- Municipal boundary (> 1:200,000 fab - 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 Species Composition (Multi-layer stand indicator S.)
3 Species Composition
ex: the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separated - Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4 m), crown closure class 1 (6-15%), SI 20m
5 Inventory Type Group (Biogeoclimatic Ecosystem Classification Description)
ex: a fens polygon with no distinction between fens and grasslands, shrubs less than 2m.
6 Disturbance History & year: ex: Logged in 1978

Line 1 - History Record Opening Number

- opening number valid for BCGS mapsheet
- opening number has not been assigned

Line 2 - Polygon No. / Multi-layer:

VRIMS Polygon Number - ranging from one to nine digits
4, 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 Cypress
F	DOUGLAS FIR
Fd	Douglas Fir
Fdg	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Bg	Grand Fir
Ba	Amabilis Fir
Bl	Alpine Fir
Bl	Subalpine Fir
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
PW	PINE
Pa	Jack Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (coast)
Pli	Lodgepole Pine (int) hybrid
Pla	Parkland Pine (alpine)
Pla	Black Pine (coast)
Pli	Black Pine (int)
Pw	Whitebark Pine
Pw	White Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sxe	White x Engelmann hybrid
Sxl	Engelmann x White
Sxw	Sitka x White
Ss	Sitka Spruce (coast)
Sxs	Sitka x white hybrid
YEW	
Tw	Western Yew

NATIVE HARDWOOD

D	BROAD LEAF
Dr	Red Alpe
E	APPLE
Em	Pacific Crab Apple
E	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
At	Trembling Aspen
Act	Black Cottonwood
Ax	hybrid Poplar
Ep	Paper Birch (white)
Ew	WILLOW
Ey	Scouler Willow
Ew	Pacific Willow
Ww	Peachleaf Willow (Bebe's)
Wp	Pacific Willow (Hooker's)
Wx	Undetermined Willow
Wy	Willow (tree like trees)
UNKNOWN - OTHER	
X	UNKNOWN
Xc	unknown conifer
Xd	unknown deciduous
Z	OTHER (tree not on list)
Zc	other conifer
Zd	other hardwood

EXOTICS

Ue	HORSE CHESTNUT
Ad	ASPEN, COTTONWOOD or POPLAR
Ab	Northern Catalpa
Be	BIRCH
Be	European Birch
Bp	Paper Birch (Swedish)
Ep	Yellow Birch
Yd	CHERRY
Yt	Bird Cherry
Y	CYPRESS
Yo	Japanese Cedar
	FIR (Balsam)
Bb	Balsam Fir
Bm	Noble Fir
Bm	Shasta Red Fir
Bp	White Fir
	LARCH
Lk	"Dahurian Larch
Ld	"European Larch
	MAPLE
Mb	Bar Bitter
Mr	Norway Maple
Mr	"Sycamore Maple
Oak	
Qb	"British Oak
Qr	"White Oak
	OTHER EXOTICS
Ou	"Black Walnut
Ou	"Giant Sequoia
Ou	"Coast Redwood
Ou	"Green Ash/Australian Ash
Ou	Siberian Elm (southern)
Ot	Common Pear
Ou	"Tree of Heaven
Ou	"White Ash
Ot	"Shagbark Hickory
Ou	"Black Locust
Ou	Japanese Walnut
	PINE
Pm	"Monterey Pine
Pn	"Red Pine
Pp	"Ponderosa 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 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
4	27.5 - 32.4
5	32.5 - 44.4
6	45.5 - 53.4
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 known to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. If the stand is immature, SI is estimated when age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees aren't present, e.g. young stands, scrub, etc. SI is estimated from a site series which already has a known SI. Refer to the Site Series list and Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

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

NON-TREED SHRUB
- sc SHRUB - CLOSE — shrub with average shrub height > or = to two metres.
- si SHRUB - LOW — shrub with average shrub height < two metres.

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

NON-TREED BRYOID
- 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
- rk ROCK / BEDROCK
- rs Rock / Sparse
- st Snow / Ice

NON-VEGETATED CATEGORIES - (for V and I records)
- ap AIRPORT
- be BEACH
- bf BOGGY FIELD
- br BROWNFIELD
- bu BURNED AREA
- cb CLIFF BAND
- en EXPOSED SOILS
- gl GLACIER
- gr GRAVEL PIT
- la LAKE
- ld LANDFILL
- lg LANDING
- ls POND or LAKE SEDIMENTS
- mi MINE
- mn MORAINE
- mu MUCKLAKE / MUDFLAT SEDIMENT
- mz RUBBLY MINE SPOILS
- ot OTHER
- sf SNOW COVER
- ri RIVER / STREAM
- rr RIVER / STREAM
- rm RESERVOIR MARGIN
- rw RAILWAY SURFACE
- ro ROAD SURFACE
- rl ROAD SURFACE
- tz TALUS
- ta TAILINGS
- ur URBAN

Note: these categories (ie. co, re, rl) not labeled over 50 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTORS (for V records)
- A ALPINE
- C CULTIVATED FOREST (Species
- CI CULTIVATED
- CL CLAY BANK
- D DUGOUT DAM
- GR GRASSLAND
- ICE ICEFIELD
- M MEADOW
- MUD MUDFLAT
- NP NON PRODUCTIVE
- NPBR NON PRODUCTIVE BRUSH
- NPBU NON PRODUCTIVE BURN
- NPF NON PRODUCTIVE FOREST (Species
- OMS OMS ANNUALS
- OR OPEN RANGELAND
- P HAYFIELD
- R ROCK
- S SWAMP
- BAND BAND
- FLAT FLAT
- URBAN
- NC NON COMMERCIAL
- NCBR NON COMMERCIAL BRUSH
- NP NON PRODUCTIVE
- NPSTK NON PRODUCTIVE STOCKED
- NTA NOT TYPED 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
- C Cutting
- D Diseases
- I Insects
- L Logging
- S Silvicultural
- W Non-Biological Injuries
- F Crime and Seedling Fungal Pathogens
- R Site Rehabilitation
- T Transportation
- V Damage Unknown
- Y Problem Vegetation

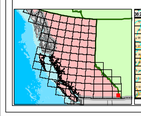
Example Opening History Details

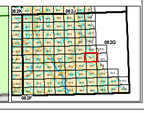
Detailed Silviculture information is available on the BCGW
Warehouse and in the RESULTS. The Mayview example is
of Harvest RESULTS data.

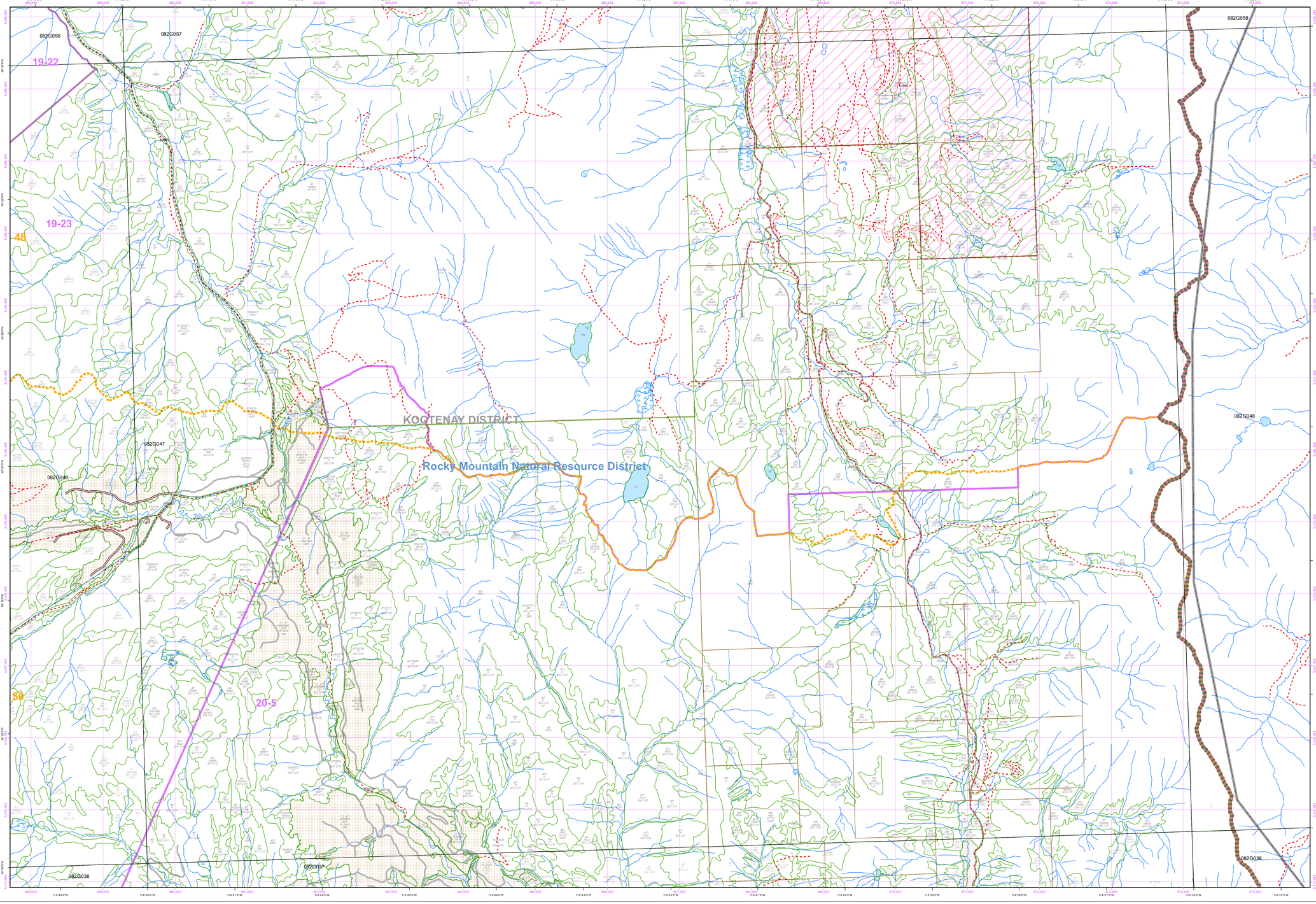
The Ministry of Forests, Mines and Lands web application
MAPVIEW is available to view this type of detailed information.
Select the SILVICULTURE tab then click on "Display
Silviculture Map" to turn on display values for:

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









Overflow Labels

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