082J081

Vegetation Map
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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 be printed on a standard 36" x 48" plotter. Please note that the Vegetation Resource Inventory data contained in this portrayed map not be complete and up to date Cadastral, administrative boundaries and the Cartometry colour theme are for reference purposes only. (Legend revisions June 22/14)

Labels Projected To: January 1, 2015

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Structure Opening in Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

TRIM - Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Road Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Parks
- Power Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines/Rivers - 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 areas - FADM
- Water Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrains
- Municipal boundary (1:1,000,000 ha - 1% % hatch)
- Municipal boundary (1:1,000,000 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:

LINE DESCRIPTION
1 Silviculture symbol and 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
ex. Age class 4 (61-80 yrs), Height class 3 (10.5-13.0 M), crown closure class 1 (6-10%), SI 20m
5 Vegetated Density Class (or Non-Forested Descriptor)
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

OGR - opening number valid for BCGS mapsheet; 2GOR - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

Will be used to identify a unique polygon 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 2006.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	Yellow Cedar
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabalis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western Hemlock-Hemlock hybrid
L	LARCH
Lt	Rocky Mtn. Juniper
Lw	Western Larch
P	PINE
Pa	Whitebark Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Plcx	Lodgepole Low Pine-hybrid
Pli	Ponderosa Pine (yellow)
Pw	White Pine
Pw	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	White Spruce
Sw	White Spruce
Sxe	Engelmann x White
Sxl	Sitka x Lutzii
Sxs	Sitka x Unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
E	ASPEN
Ep	Pacific Coast Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Trembling Aspen
Abf	Balsam Poplar
Abl	Black Cottonwood
Ac	Black Cottonwood
Ta	Trembling Aspen
R	ARBUTUS
Ra	Arbutus
K	BIRCH
Ep	Pacific Coast Apple
Ebp	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Kc	Cascara
G	GARRY OAK
Gg	Garry Oak
H	HARDWOOD
Hb	Bailey's Willow
Hp	Pacific Willow
Hpd	Pacific Willow (Drakely's)
Hrd	Rusty Willow (Lyall's)
Hw	Willow
Hwl	Sitka Willow (lanceleaf)

EXOTICS

AP	APPLE
Ae	Apple
AC	ASPEN, COTTONWOOD or POPLAR
Act	Northern Cottonwood
BI	BIRCH
Ebr	European Birch
Ebl	Silver Birch (swamp)
Ey	Yellow Birch
Ew	Water Birch
Yc	Green Cherry
CY	CYPRESS
Ylc	Alaska Yellow Cedar
PF	FIR (Balsam)
Bb	Balsam Fir
Bp	Noble Fir
Bpg	Grand x Noble Fir
Bx	White Fir
LA	LARCH
Lk	European Larch
Ll	Tamarack Larch
MA	MAPLE
Mb	Big Leaf Maple
Mr	Norway Maple
Ms	Sycamore Maple
O	OAK
Oq	Garry Oak
Ow	White Oak
OC	CONIFEROUS
Ox	Unknown Conifer
Ob	Giant Sequoia
Oc	Coast Redwood
Ox	European Mountain Ash
Ob	Siberian Elm (southern)
Ou	Siberian Elm
Or	Oregon Ash
Ow	White Ash
Ow	Black Locust
Oc	Tree of Heaven
Ol	Japanese Walnut
P	PINE
Pm	Monterey Pine
Pn	Austrian Pine
Pp	Regal Pine
PW	PRIVET
Pw	Waxleaf Ligrum

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 - 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 - 10
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

Site Index is the tree height at the stand reference age (50 years). Mean Height (Ave. H) is based on the average height of the leading species. Where an accurate SI cannot be obtained from sample data, a SI estimate is derived from other information in the area.

4e. ESTIMATED SITE INDEX

Estimated Site Index is the SI value that is the most current present, e.g. young stands (<10yrs), SI is assigned by a best estimate always provided it. Associated fields in the data base are mandatory. Type Stands and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (Use 'A' and 1 or shr)

NON-TREED SHRUB
- st SHRUB TALL - shrub with average shrub height > or = to two metres.
- s SHRUB LOW - shrub with average shrub height < two metres.

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

NON-TREED SHRUB
- sm SHRUB - MOSS - boreal with mosses, forbs and dwarf shrubs > 50% of the boreal cover.
- sh SHRUB - HEATH - ericaceous shrubs > 50% of the boreal cover.

NON-VEGETATED
- E Exposed Land
- rs Rock / Rubble
- u Gravel / till

NON-VEGETATED CATEGORIES (Use 'A' and 1 or code)

bl	BARRENLAND	rb	RIVERBANK
bs	BEACH	lk	LAKE
bo	BOULDERFIELD	ld	LANDING
bc	BIOCRUST	li	LANDING
bu	BURNED AREA	lk	POND or LAKE SEDIMENTS
cb	CLIFF/ BANDS	o	ORCHARD
sg	EARTH/ SEDIMENTS		
gl	GLACIER		

mu	MUD/FLAT SEDIMENT
mp	RUBBLY MINE SPOILS
ro	ROCK
or	OTHER
sn	SNOW COVER
ri	RIVER / STREAM
rr	RESERVOIR MARGIN
rw	RAILWAY SURFACE
ro	ROAD SURFACE
rs	ROAD SURFACE
tl	TALUS
w	WATER
u	URBAN

Note: Water categories (ie, ow, ri, rl) not detailed over 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Use 'A' and 1 or code)

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST-Species	NPB	NON-PRODUCTIVE-BRUSH
C	CULTIVATED	NPBU	NON-PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON-PRODUCTIVE FOREST-Species
G	GRASS / HERB	OA	OPEN AREA AVAILABLE
GL	GRASSLAND	OPA	OPEN RANGE
KE	KOPJELD	P	HAYFIELD
M	MEADOW	R	ROCK
MSE	MUD/FLAT	S	SWAMP

SAND	SAND		
SILT	SILT FLAT		
URBAN			
NC	NON COMMERCIAL		
NCBR	NON COMMERCIAL/BRUSH		
NP	NON-PRODUCTIVE		
NPBR	NON-PRODUCTIVE-BROKEN STOCKED		
NTA	NOT PYHICIAN LIABLE		

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by earliest date
Find character of disturbance type designate's category, refer to official code list for sub-category descriptions.

A	Animal Damage	L	Logging
C	Cone Crop	N	Non-Damage
E	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
S	Silviculture Treatment		
U	Damage Unknown		
V	Problem Vegetation		

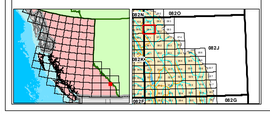
Example Opening History Details

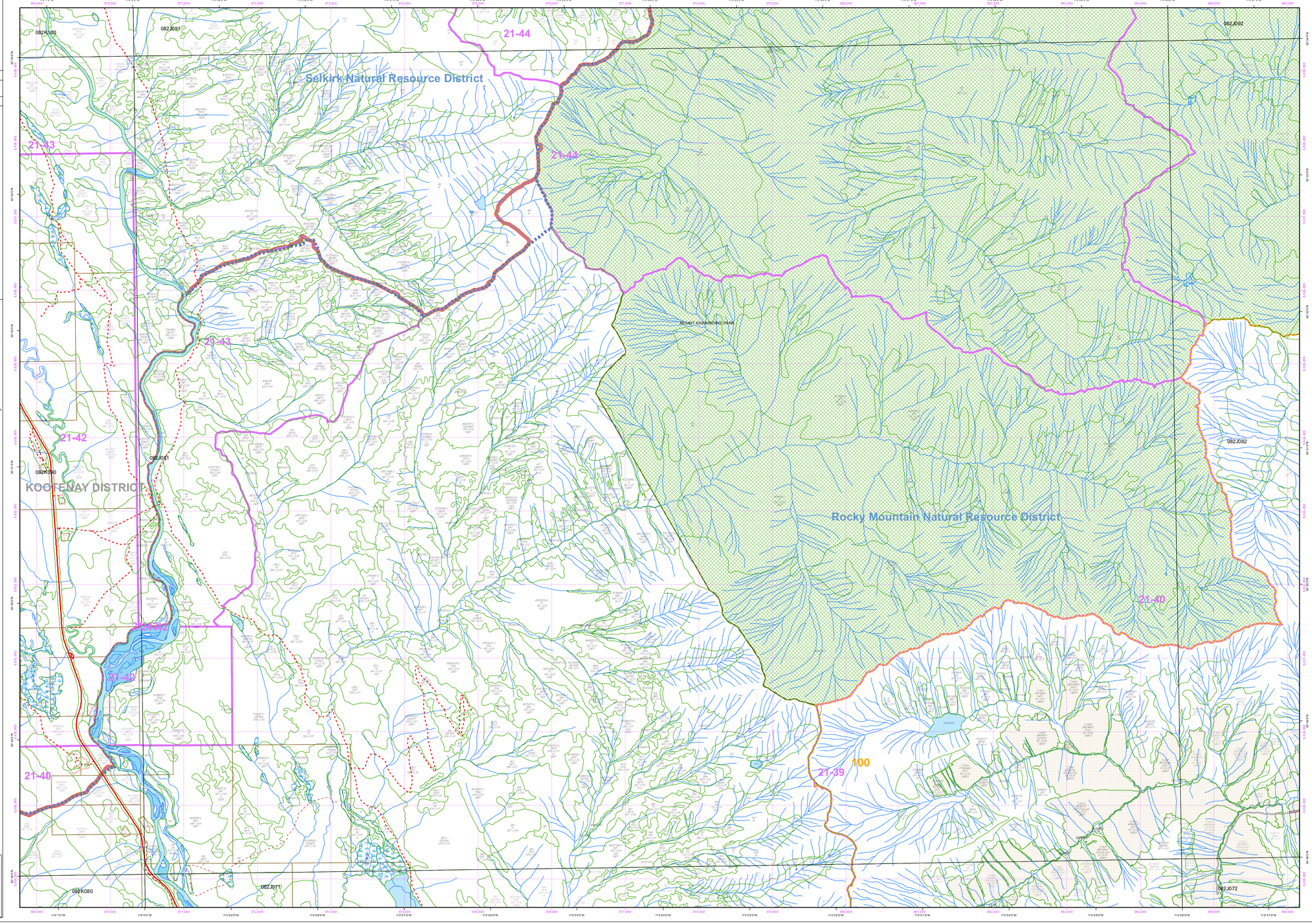
Detailed Silviculture information is available on the BCGW
Data Catalogue as a WMS service. The Map View example is of Inverness RD SUITE data.

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