083D082

Vegetation Map
083D082

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 / Terrabits

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. (Legend revisions June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM - Base Features:
- 4x Butt Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrkdkwaterlines - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

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 Licences - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (< 1,000,000 ha - 15 % hatch)
- Municipal boundary (> 1,000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Wayfeed 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
4a Age, Height, Crown Closure Class Code - separator - Site Index / estimated SI
4b Estimated Site Index
5 Vegetated Density Class (or Non Forest/Unproductive Description)
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

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

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
A - 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	Nootka Cypress
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bg	Grand Fir
Bl	Subalpine 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
Jsc	Sweside Juniper
L	LARCH
La	Subalpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Pxj	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Stone Pine (coast)
Pwi	Whitebark Pine (interior)
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sxe	Sitka x Engelmann hybrid
Sxw	Sitka x White
Sxl	Sitka x unknown hybrid
Sw	White Spruce
Yp	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
U	APPLE
Ue	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
At	Trembling Aspen
Act	Black Cottonwood
Ax	Hybrid Poplars
At	Trembling Aspen
R	ARBUTUS
Rm	Pacific Madrone
E	BIRCH
Ea	Alaska Paper Birch
Ep	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
Kc	Cascara
V	CHERRY
Vb	Bitter Cherry
Vv	Choke Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Og	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wp	Pacific Willow
Ww	Peachleaf Willow (Bardaly's)
Ww	Peachleaf Willow (Bardaly's)
Ws	Scouler's Willow
Wl	Sitka Willow (less leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

A	APPLE
Ue	Apple
Ai	ASPEN, COTTONWOOD or POPLAR
Ai	Western Cottonwood
E	BIRCH
Ea	European Birch
Ep	Paper Birch (exotic)
Ey	Yellow Birch
V	CHERRY
Vs	Sweet Cherry
Y	CYPRESS
Yo	Ornamental Cedar
F	FIR (Balsam)
Bb	Balsam Fir
Bc	Corkbark Fir
Bm	Shasta Red Fir
Bi	White Fir
L	LARCH
Ld	Dahurian Larch
Le	Siberian Larch
M	MAPLE
Mi	Silver Maple
Mn	Norway Maple
Ms	Sycamore Maple
O	OAK
Og	English Oak
Or	White Oak
	OTHER EXOTICS
Ox	Exotic Conifer
Ox	Exotic Broadleaf
Ov	Cedar Redwood
Ou	European Mountain Ash
Ou	Japanese Mountain Ash
Of	Common Pear
Oy	Oregon Ash
Oa	White Ash
Oc	Shagbark Hickory
O	Tree of Heaven
Oh	Japanese Walnut
Ow	Walnut
Pm	Monterey Pine
Pr	Red Pine
Ps	Scots Pine
S	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 - 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

50 SI are shown as the nearest metre referenced at 50 years
SI 20 and below is "E" as it is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e ESTIMATED SITE INDEX

Estimated Site Index (ESI) is shown when a site index is not present, e.g. young stands (<10yrs). It is denoted by a slash which precedes it. Associated fields in the data base are Inventory Type Group and ESI estimated source code.

Line 5 - Vegetation records

VEGETATED NON TREE CATEGORIES (for V and I records)

NON TREED SHRUB
- st SHRUB TALL - shrub with average shrub height > or = to two metres.
- sl 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 BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses > 50% of the bryoid cover. < 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gr	GRAVEL PIT	mu	MUDFLAT SEDIMENT
be	BEACH	la	LAKE	mp	RUBBLY MINE SPOILS
bf	BOOKFIELD	ls	LAKE SED	ro	ROCK OUTCROP
bi	BEDROCK	lo	LONGLINE	sn	SNOW
lk	CLEARCUT AREA	lk	LONGLINE LAKE SEDIMENTS	sp	SNOW COVER
cu	CUTBANK	rn	OPEN PIT MINE	re	RESERVOIR
ex	EXPOSED SOILS	mn	MORAINE	rr	RIVER / STREAM
gl	GLACIER				

Note: Water categories (la, ls, rr) not labeled as per 20 percent coverage.

mr	RESERVOIR MARGIN
rm	RAILWAY SURFACE
rs	ROCK SLIDE/DEBRIS
rd	ROAD SURFACE
ta	TAILINGS
ta	TAILINGS
ur	URBAN

NON FOREST / NON PRODUCTIVE DESCRIPTOR CODES (for F records)

AF	ALPINE FOREST Species	NPBR	NON PRODUCTIVE BRUSH	SAND	SAND
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN	TIDE	TIDAL FLAT
CL	CLEARING	NPF	NON PRODUCTIVE FOREST Species	U	URBAN
G	GRASS / MARSH	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OW	OPEN WATER	NCBR	NON COMMERCIAL BRUSH
ICE	ICEFIELD	P	HAYFIELD	NP	NON PRODUCTIVE
M	MEADOW	R	ROCK	NSR	NOT SUFFICIENTLY RESTOCKED
MUD	MUDFLAT	S	SWAMP	NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

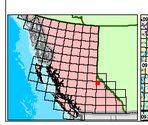
Disturbance type code preceded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

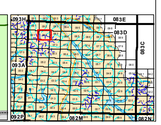
A	Animal Damage	L	Logging
B	Wildfire	M	Mine Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation
S	Silviculture Treatment
U	Damage Unknown
V	Problem Vegetation

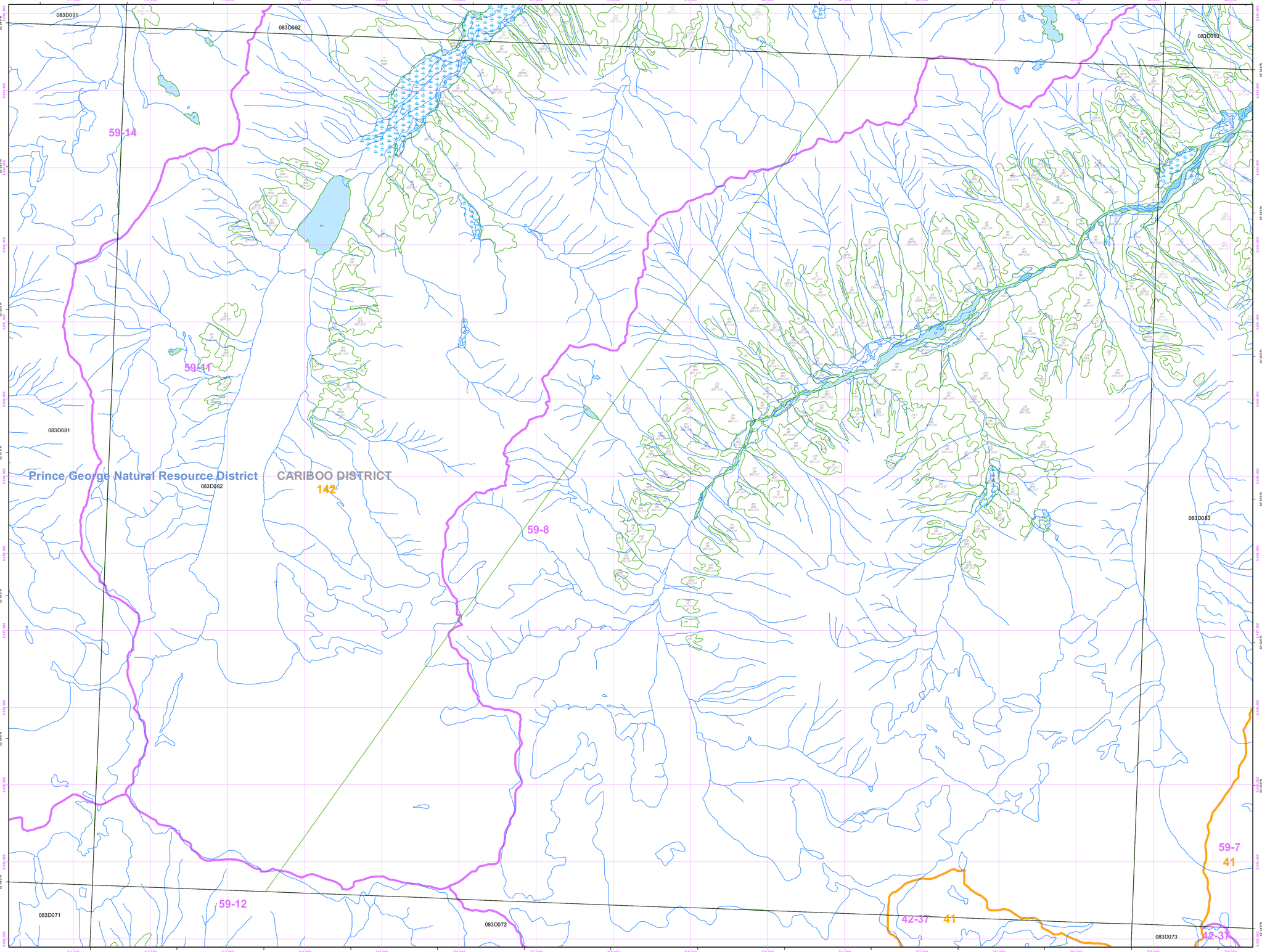
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of the red 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
- SILVICULTURE
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH







Overflow Labels

083D082

083D082