083D058

Vegetation Map
083D058

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 support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information displayed on this map is approximate only. Polygon boundaries, 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
- Nonsilvic Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM - Base Features:
- As Built 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
- Hydrofeatures - 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 (> 1:600,000 NA - 15 % hatch)
- Municipal boundary (< 1:600,000 NA) - 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 Opening Number and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
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 - separator Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-10%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive 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

OP - opening number valid for BCGS mapsheet nnnn - 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 Complex: 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	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
Jv	Common Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (cedar)
Plx	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (eastern)
Pli	Shore Pine (inland)
Pm	Mountain Pine (Mugo)
Pw	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxb	Spruce hybrid - White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Da	Sitka Alder
Up	Pacific Crab Apple
A	ASPEN; COTTONWOOD or POPLAR
Ac	Poplar
Asb	Balsam Poplar
At	Trembling Aspen
Ah	Hybrid Poplars
Al	Trembling Aspen
Ap	Aspen
Pa	Arbutus
E	BIRCH
Ep	Alaska Paper Birch
Eph	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Ke	Cascara
V	CHERRY
Vs	Bitter Cherry
Vu	Choke Cherry
Vy	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Or	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wb	Peachleaf Willow (Bebb's)
Wd	Piussy Willow (grey-leaved)
Ws	Sitka/Sw Willow
Wsp	Sitka Willow (low-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Xn	unknown (no notore list)
Z	other Lands
Zx	other hardwood

EXOTICS

Ue	APPLE
	Apple
Ax	ASPEN; COTTONWOOD or POPLAR
Ad	*Southern Cottonwood
	BIRCH
Ea	European Birch
Es	Silver Birch (swamp)
Ey	Paper Birch
	CHERRY
Vs	Sweet Cherry
Vu	Choke Cherry
Yo	*Port Orford Cedar
	FIR (Balsam)
Bb	Noble Fir
Bc	Noble Fir
Bm	*Shasta Red Fir
Bc	*White Fir
	LARCH
Lk	*European Larch
Lj	*Siberian Larch
	MAPLE
Mr	*Norway Maple
Mi	*Sycamore Maple
	OAK
Oc	*English Oak
Ow	*White Oak
	OTHER EXOTICS
Ob	*Japanese Cedar
Ch	*Western Redcedar
Cv	*Coast Redwood
Ot	*Tree of Heaven/Ash
Ob	Siberian Elm (laurel)
Of	Common Pear
Og	Dragon Ash
Oh	*White Ash
Ow	*Black Walnut
Q	Tree of Heaven
Oe	Japanese Walnut
	PINE
Pm	*Monterey Pine
Pr	*Red Pine
Ps	*Scots 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 - 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 based on the age and height of the dominant and co-dominant trees. Where the relationship of age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees aremot present, e.g. young stands (<30yrs). It is derived by a stash which always follows the estimated SI. The SI values are Inventory Type Group and SIBEC estimated source codes.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (1st V and 1 epicode)

NON-TREED SHRUB
- Sa SHRUB TALL - shrub with average shrub height >= 1m to two metres.
- Sr 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 forbs > 50% of the herb cover.
- Hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED BRYOID
- Bm BRYOID - MOSS - bryoid with no distinction between mosses and lichens by cover.
- Bm BRYOID - MOSS - bryoid with mosses, liverwrts, and hornwrts > 50% of the bryoid cover.
- Bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (3rd V and 1 epicode)

ai	AIRPORT	gp	GRAVEL PIT	mv	MUDFLAT SEDIMENT
ar	ROCK/RUBBLE	h	HAY	mw	MUDFLAT/MARINE SHOALS
bl	BLOCKFIELD	la	LAKA BED	oc	OCEAN
br	BEDROCK	le	LANDING	ot	OTHER
bu	BURNED AREA	ls	POND or LAKE SEDIMENTS	rc	RIVER/DELTA COVER
cu	CUTBANK	mi	OPEN PIT MINE	rb	RIVERBOOM
mn	MINERAL SOILS	mn	MORAINE	r	RIVER / STREAM
g	GLACIER				

Note: Water categories (ta, ns, rc, rb) not labeled are 60 percent coverage.

NON FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (3rd V records)

A	ALPINE	NP	NON-PRODUCTIVE	SAND	SAND
AF	ALPINE FOREST-Sspecies	NPBR	NON-PRODUCTIVE BRUSH	TIDE	TIDAL FLAT
BY	BRYOID	NPBU	NON-PRODUCTIVE BURN	U	URBAN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST <5pecies		
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
GR	GRAVEL PIT	OR	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
ICE	ICEFIELD	P	HAYFIELD	NP	NON-PRODUCTIVE
L	LAKE/POND	R	ROCK	NPBR	NON-PRODUCTIVE RETOCKED
MUD	MUDFLAT	S	SWAMP	NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

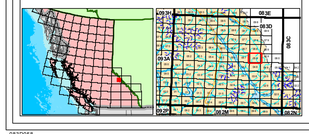
A	Animal Damage	L	Logging
B	Wildfire	M	Mite Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Treatment Injuries		
U	Damage Unknown		
V	Problem Vegetation		

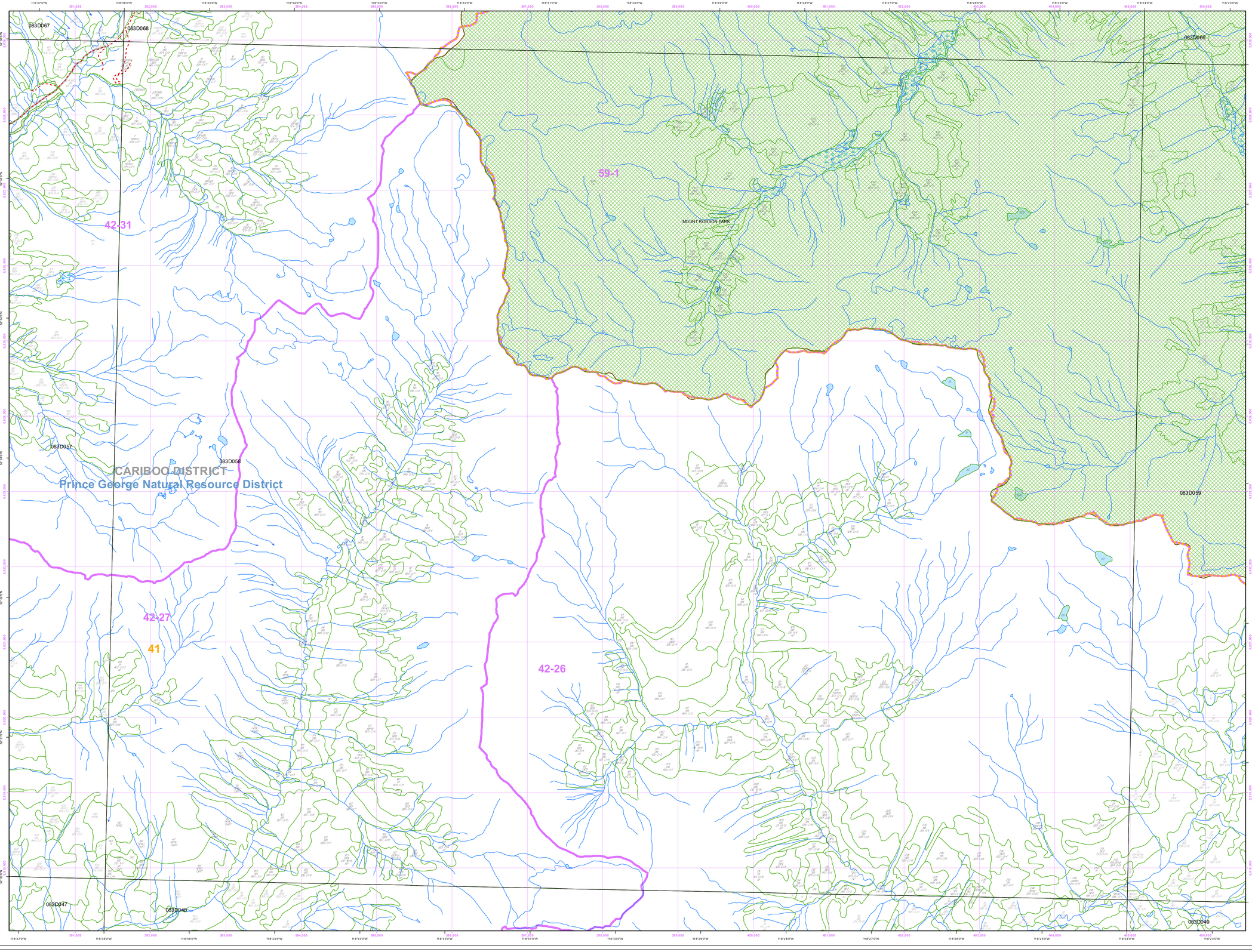
Example Opening History Details

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

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

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





Overflow Labels

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