092G061

Vegetation Map
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BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 Miles

Vegetation Data Source : MFLNRO - VRIM3 / 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 facilitate printing on standard 8.5" x 11" paper. Some features may not be accurately located. Some features 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
- Structure Opening in Vegetation
- Permanent Sample Plot (1015)
- Research Installations

TRIM. Base Features :
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf ields
- Other lines
- Powerline
- 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
- RU - Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels / Tantalis
- Municipal boundary (< 1:200,000 ha - 15 % hatch)
- Municipal boundary (> 1:200,000 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:

```
CUT   1
FDFd  2
Fd    3
Hw    4
PAT   5
OVR   6
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LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number - 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 Class, Height Class, Crown Closure Class, Site Index, Site Class, Site Curve Number
  ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 3 (26-55%), 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

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

Line 2 - Polygon No. / Multi-layer

VRIM3 Polygon Number - ranging from one to nine digits
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

Ba	Balsam
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fdv	Veg Douglas Fir
Hy	Hybrid Fir
Bg	Amabilis Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwm	Mountain x Western hemlock hybrid
J	JUNIPER
J	Rocky Mtn. Juniper
Js	Seaside Juniper
La	LARCH
Lw	Western Larch
Lt	TAMARACK
Lt	Western Larch
P	PINE
Pj	Jack Pine
Pl	Limber Pine
Pli	Limber Pine (interior)
Plc	Lodgepole x Jack Pine hybrid
Pyj	Lodgepole x Limber Pine hybrid
Pli	Limber Pine (interior)
Pm	Mexican Pinyon Pine
Pw	Whitebark Pine
Pf	Foxtail Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxl	Engelmann x White
Sxw	Interior Spruce
Sxx	Spruce x unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

A	ALDER
U	APPLE
At	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Balsam Poplar
Ac	Black Cottonwood
Ax	Hybrid Poplars
At	Trembling Aspen
E	ARBUTUS
Eb	Arbutus
B	BIRCH
Bp	Alaska Paper Birch
Bpx	Alaska x Paper Birch hybrid
Bp	Paper Birch (white)
C	CASCARA
K	CASCARA
Kc	Cascara
V	CHERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vu	Unknown Cherry
Dp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broad Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wp	Pacific Willow
Wpb	Pacific Willow (Barclay's)
Wpx	Pacific Willow (grey-leaved)
Wrs	Sitcoa's Willow
Wx	Willow (unknown)

UNKNOWN - OTHER

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

EXOTICS

Ay	ALDER
Ay	ASPEN, COTTONWOOD or POPLAR
Ay	BIRCH
Ay	European Birch
Ay	Paper Birch (planted)
Fx	Yellow Birch
U	CHERRY
Uv	European Cherry
Y	CYPRESS
Yx	Nootka Cypress / Cedar
F	FIR (Balsam)
Bal	Alpine Fir
Bb	Noble Fir
Bm	Shasta Red Fir
Bv	Grand Fir
L	LARCH
Lx	"Dahurian Larch
Lx	"Siberian Larch
M	MAPLE
Mr	Red Maple
Mb	"Norway Maple
Mx	Hybrid Vine Maple
Ox	OAK
Oc	"English Oak
Or	Red Oak
Z	OTHER EXOTICS
Ow	"Incense Cedar
Ow	"Western Red Cedar
Ow	"Coast Redwood
Ow	"Monterey Cypress (Macrocarpa) hyb.
Ow	Cypress (Monterey)
Ow	"Oregon Myrtle
Ow	"White Ash
Ow	"Black Walnut, Hickory
Ow	"Tree-of-Heaven
Ow	Japanese Walnut
P	PINE
Pn	"Monterey Pine
Pr	"Red Pine
Pw	"Swiss Pine
PYNUS	
Pn	"Norway Spruce

Line 4

4a. AGE CLASS

CODE	AGE (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	HEIGHT (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 25.4
4	25.5 - 37.4
5	37.5 - 49.4
6	49.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	CLOSURE (percentage)
1	0 - 5
2	6 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
	86 - 100

4d SITE INDEX

All SI are shown to the nearest metre referenced at 50 years breast height age. Site index curve number is the species site curve bearing species. When an actual SI cannot be obtained from age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. young stands (regen) or stands that have been logged in previous. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I record=P)

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

NON-TREED HERB
- h HERB - herb with no distinction between forbs and graminoids.
- g GRAMINOID - herb with graminoids > 50% of the herb cover.
- f FORB - GRAMINOID - herb with graminoids < 50% of the herb cover.

NON-TREED BRYOID
- b BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHEN - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I record=N)

w	WATER	s	SNOW/ICE PTF	mi	MUSKEG MINE SPOILS
bm	BEACH	d	LAKE	mi	RUBBLY MINE SPOILS
bo	BOULDERFIELD	l	LAKE	mr	ROCK
bu	BUSHED/CA	l	LAKE	of	OTHER
bu	BURNED AREA	s	POND or LAKE SEDIMENTS	dr	SNOW COVER
e	ESKER	s	SNOW/ICE PTF	dr	SNOW/ICE PTF
ef	EXPOSED SOILS		MORAINE	ur	URBAN
gl	GLACIER				

Note - Water categories (a, ca, w, s) not labelled over 90 percent coverage.

NON FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F record=N)

A	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FOREST (Species	NPB	NON PRODUCTIVE BRUSH
CL	CLEARING	NPBM	NON PRODUCTIVE BRUSH MEADOW
D	CUTTYBANK	NPF	NON PRODUCTIVE FOREST (Species
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE
H	HERBFIELD	R	ROCKBLUFF
HZ	HERFIELD	R	ROCKFACE
M	MEADOW	R	ROCK
MF	MEADOW		SWAMP
		SAND	SAND
		SF	SAND FLAT
		U	URBAN
NC	NON COMMERCIAL		
NCB	NON COMMERCIAL BRUSH		
NF	NON PRODUCTIVE		
NSR	NOT SUFFICIENTLY RESTOCKED		
NT	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.

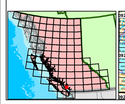
D	Disease Damage	P	Prep/Plant Activity
B	Wildlife	N	Non-Forest Activities
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seeding Fungal Pathogens
I	Insects		
L	Logging		
N	Non-Biological Injuries		
P	Prep/Plant Activity		
U	Damage Unknown.		
V	Problem Vegetation		

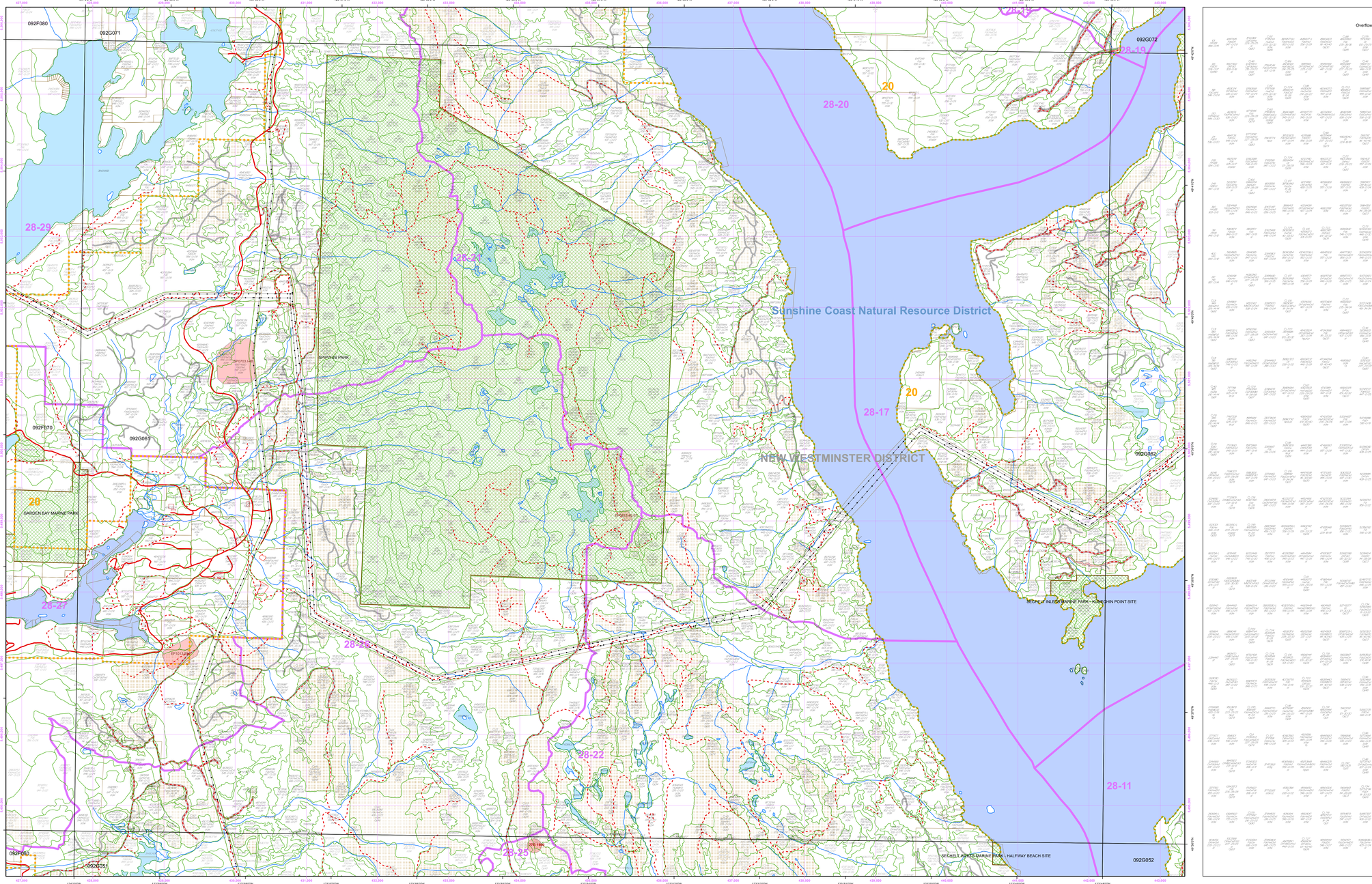
Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information.
Under the "Map Layers" tab the following Silviculture Mnistry "Silviculture Map" is turn on display values for"

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





Overflow Labels

092G061

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