092G042

Vegetation Map
092G042

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 / Terrabis

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 Crwne-ship 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
- Sculpture Opening in Vegetation
- Permanent Sample Plot (SYSI)
- Research Installations

TRIM - Base Features:
- Air Rott Polarity
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- 4x4 Fortes
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectricans - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV. Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrabis
- Municipal boundary (> 1:600,000 ha - 1% % hatch)
- Municipal boundary (< 1:600,000 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. Soriculture 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 (Dougla 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 mt.), crown closure class 1 (6-15%), SI 20m
5. Non-Forest Descriptor - ex. a gravel pit is identified as GP
   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:

xxxx - opening number valid for BCGS mapsheet — zzzx - opening number has not been assigned

Line 2 - Polygon No. / Multilayer:

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 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

Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fc	Coastal Douglas Fir
Fd	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Pacific Fir
Hm	Mountain Hemlock
Hw	Western Hemlock
Hx	Hybrid Mountain x Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulum Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Albert Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	White Pine
Pw	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sk	Kenai Spruce
Sw	White Spruce
Sr	Spruce hybrid
Sxb	Sitka x White
Sxl	Sitka x Alpine
Sxs	Sitka x unknown hybrid
Sx	Sitka
Yc	Western Yew

NATIVE HARDWOODS

D	DECIDUOUS
Dr	Red Alder
U	APPLE
Ua	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Black Cottonwood
Act	Black Cottonwood
Ax	Hybrid Poplars
At	Trembling Aspen
E	ARBUTUS
Ea	Arbutus
Ep	Paper Birch
Epp	Alaska x Paper Birch hybrid
Ew	Water Birch (alder)
Ew	Water Birch
K	CASCARA
Kc	Cascara
V	CHERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
R	ALDER
Rb	Betty's Willow
Rp	Pacific Willow
Rpe	Pacific Willow (Bentcich)
Rsf	Fuzzy Willow (pink-leaved)
Rs	Scouler's Willow
Rt	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Xl	unknown (broad-leaf tall)
Zz	other conifer
Zx	other hardwood

EXOTICS

AB	Apple
As	ASPEN, COTTONWOOD or POPLAR
Ast	Balsam Gilliliewort
Be	European Birch
Bg	Grand Fir (exotic)
Bp	Yellow Birch
Ch	CHERRY
Ho	Horse Chestnut
Dr	PRESS
Yp	Red Oxford Cedar
Fd	FIR
Bb	Noble Fir
Bc	Nobis Fir
Bm	Nordmann's Fir
Bs	Sitka Fir
LA/BCH	
Lk	Siberian Larch
Lt	Tamarack Larch
MAPLE	
Mr	Red Maple
Mr	Norway Maple
Ms	Sycamore Maple
OAK	
Oe	"English Oak
Ow	"White Oak
PINE	
Pa	"Austrian Pine
Pc	"Corsican Pine
Pd	"Dalmi Sequoia
Pe	"Scots (Scotch) Pine
Pj	"Japanese Black Pine
Pm	"Mountain Pine
Pn	"Austrian Pine
Pr	"Red Pine
Ps	"Swiss 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 - 18.4
3	18.5 - 28.4
4	28.5 - 37.4
5	37.5 - 48.4
6	48.5 - 55.4
7	55.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	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 shown after the species in the species leading species. Where an accurate 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, eg. non-forested areas. The SI is derived from the Site Index Model provides it. Associated fields in the data libraries Inventory Type Group and SI Estimated source code.

Line 5: Vegetation records:

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

NON-TREED SHRUB
- SL SHRUB TALL - shrub with average shrub height > or = to 1 any metres.
- s 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 SHRUB
- Sy SHRUB
- Sy SHRUB - TREES - shrubs with no distinction between mosses and lichens by cover.
- Sl SHRUB - LICHENS - shrubs with lichens > 50% of the shrub cover.
- Sm SHRUB - MOSSES - shrubs with mosses > 50% of the shrub cover.

NON VEGETATED
- at Exposed Land
- r Rock / Rubble
- st Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gp	GRAVEL PIT	mu	MUDFLAT SEDIMENT
bl	BEACH	la	LAKE	mr	RUBBLY MINE SPOILS
bo	BOGGY FIELD	ld	LANDED	o	OTHER
br	BEDROCK	li	LANDING	ol	OTHER
bu	BURNED AREA	lk	POND or LAKE SEDIMENTS	pr	SNOW COVER
cl	CLIFF	mi	MINE SITE	r	RIVER BANK
dl	EXPOSED SOILS	mn	MORAINE	r	RIVER / STREAM
gl	GLACIER				

Note - three categories (la, ss, re, r) not tabulated over 80 percent coverage.

- mm RESERVOIR MARGIN
- rs RAILWAY SURFACE
- rz RAILWAY SURFACE
- u ROAD SURFACE
- ta TALUS
- ta TALUS
- ur URBAN

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for I records)

A	ALPINE	NP	NON PRODUCTIVE
B	NON-FOREST: Species	NPB	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST Species
G	GRAVEL BAR	NPL	NON PRODUCTIVE LAKE
GR	GRAVEL PIT	OR	OPEN RANGE
ICE	ICEFIELD	P	MARSH
MUD	MUD FLAT	S	SWAMP
MUD	MUDFLAT	S	SWAMP

- SAND SAND
- SF SALT FLAT
- U URBAN
- NC NON COMMERCIAL
- NCBR NON COMMERCIAL BRUSH
- NP NON PRODUCTIVE
- NPBR NON PRODUCTIVE / RESTOCKED
- 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.

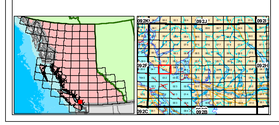
- A Animal Damage
- B Birds
- C Cone and Seed Insects
- D Diseases
- I Insects
- L Logging
- M Mite Damage
- N Non-Biological Injuries
- P Cone and Seeding Fungal Pathogens
- R Site Rehabilitation
- T Treatment Injuries
- U Damage Unknown
- V Problem Vegetation

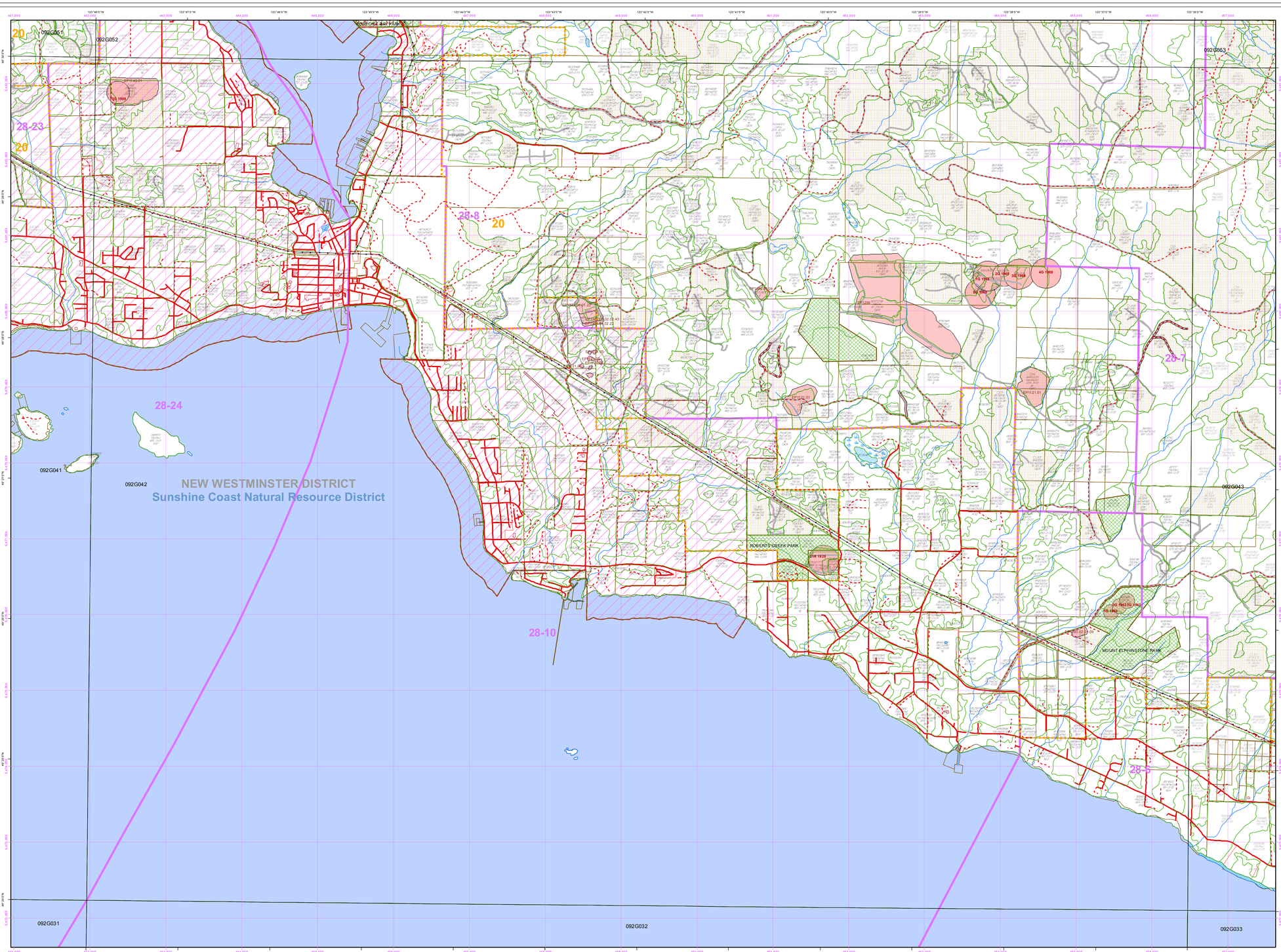
Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the "Inferred RESULTS" 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





092G051
092G052
092G063
092G041
092G042
092G043
092G031
092G032
092G033
28-23
20
28-8
20
28-7
28-24
28-10
28-9
NEW WESTMINSTER DISTRICT
Sunshine Coast Natural Resource District
ROBERTS CREEK PARK
MOUNT ELPHINSTONE PARK
4G 1989
3G 1989
4G 1994
4G 1992
3G 1992
4G 1992
3G 1992
4G 1992
3G 1992