BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
092G063

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 / Tertiaris

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to facilitate the display of vegetation data. Some features may be displaced, and small polygons may be omitted or 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 for January 1, 2016

MAP SYMBOLOGY

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

TRIM. Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrobarriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MLNRO Region boundary
- Resource District boundary - FADM
- R/V Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tertiaris
- Municipal boundary (> 1:250,000 ha - 75 % hatch)
- Municipal boundary (< 1:250,000 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 Class ; Height Class ; Crown Closure Class ; 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 (6-15%), 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

OXX - opening number valid for BCGS mapsheet ; 20XX - 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. L2)

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 4.0 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Cy	Cypress
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
H	HEMLOCK
Ea	Amabilis Fir
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
Js	Seaside Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Plx	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (Banksian)
Pk	Stone Pine (Korai)
Pw	Western White Pine
Pxc	Cortes Pine
Pf	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sk	Sitka Spruce
Sw	White Spruce
Sx	Spruce Hybrid
Sxe	Engelmann x White
Sxl	Sitka x White
Sxw	White x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
V	ASPEN
Vc	Trembling Aspen
Vt	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Balsam Poplar
Acb	Balsam Poplar
Ac	Black Cottonwood
Ax	Hybrid Poplars
At	Trembling Aspen
Ep	ARBUTUS
Pw	Arbutus
E	BIRCH
Ew	Western Paper Birch
Ea	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ey	Yellow Birch
X	CASCARA
Xc	Cascara
Xh	Hazelnut
Vb	Bitter Cherry
Vm	Choke Cherry
Vp	Pin Cherry
Z	DOGWOOD
Zp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Ml	Vine Maple
O	OAK
Qg	Garry Oak
Qr	Red Oak
Mb	Baldi's Willow
Mc	Coyote Willow
Mb	Peachleaf Willow (Bonsky's)
Mv	Pussy Willow (gray-leaved)
Mw	Willow (Hooker)
Ms	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

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

EXOTICS

E	ASPEN
Ue	ASPEN, COTTONWOOD or POPLAR
Ur	Northern Cottonwood (Black)
Ea	European Birch
Ey	Yellow Birch (swamp)
Ey	Yellow Birch
Ey	Birch
Yb	Sweet Cherry
	CYPRESS
Yg	Monterey Cypress
Yf	Fall (Bastard)
Db	Balsam Fir
Dg	Grand Fir
Dn	Noble Fir
Dm	Shasta Red Fir
Dp	Pacific
	LARCH
Ld	Dahurian Larch
Lk	Japanese Larch
	MAPLE
Mb	Box Elder
Mp	Norway Maple
Ms	Sycamore Maple
OAK	
Qa	English Oak
Qw	White Oak
	OTHER EXOTICS
Ch	Chestnut
Ck	Cobb Hawthorn
Ot	Other Exotic
Uv	European Mountain Ash
Uw	European Mountain Ash
Ub	Common Pear
Ug	Oregon Ash
Uh	Hawthorn
Ch	Shagbarks Hickory
Cj	Tree-of-heaven
Cn	Japanese Walnut
	PINE
Pm	Monterey Pine
Pp	Ponderosa 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 except for species in the Interior Douglas Fir and Douglas fir 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

SI is estimated when suitable SI trees aren'ot present, e.g. recent cutblocks, or SI is < 5 m. Site Index is based on biogeoclimatic ecosystem. If 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 records)

NON-TREED SHRUB

sc SHRUB CLOSE	- shrub with average shrub height > or = to two metres.
sl SHRUB LOW	- shrub with average shrub height < two metres.

NON-TREED HERB

hf HERB - FORBS	- 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 BRYOID	- bryoid with no distinction between mosses and lichens by cover
bm BRYOID - MOSSES	- bryoid with mosses > 50% of the bryoid cover.
bl BRYOID - LICHENS	- bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and I records)

ac	ARTIFICIAL	gp	GRAVEL PIT	mg	MUDFLAT SEDIMENT
bl	BLOCKFIELD	g	GLACIER	mp	DUBBLY MINE SPOILS
bl	BLOCKFIELD	s	LAVA BED	oc	OCEAN
bu	BURNED AREA	l	LAKE	ow	OPEN WATER
bu	BURNED AREA	p	POND or LAKE SEDIMENTS	sn	SNOW COVER
ds	CUTBANK	os	OPEN PIT MINE	R	RESERVOIR
ds	CUTBANK COALS	m	MORAINE	s	SEDIMENT STREAM
gl	GLACIER				

Note: Water categories do not include areas classified over 80 percent coverage.

rb	RESERVOIR MARGIN				
rm	RAILWAY SURFACE				
rs	RIVER SEGMENTS				
rs	RIVER SURFACE				
T	TALUS				
tailings	TAILINGS				
U	URBAN				

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

A	ALPINE	NF	NON PRODUCTIVE	SAND	SAND
AF	ALPINE FOREST (Species	NPBR	NON PRODUCTIVE BRUSH	TIDE	TIDAL FLAT
C	CLIFF	NPBS	NON PRODUCTIVE BLUFF	U	URBAN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST (Species		
D	GRAVEL BAR	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
E	ESTUARY	P	PASTURE	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.

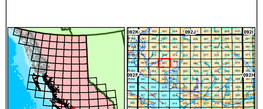
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

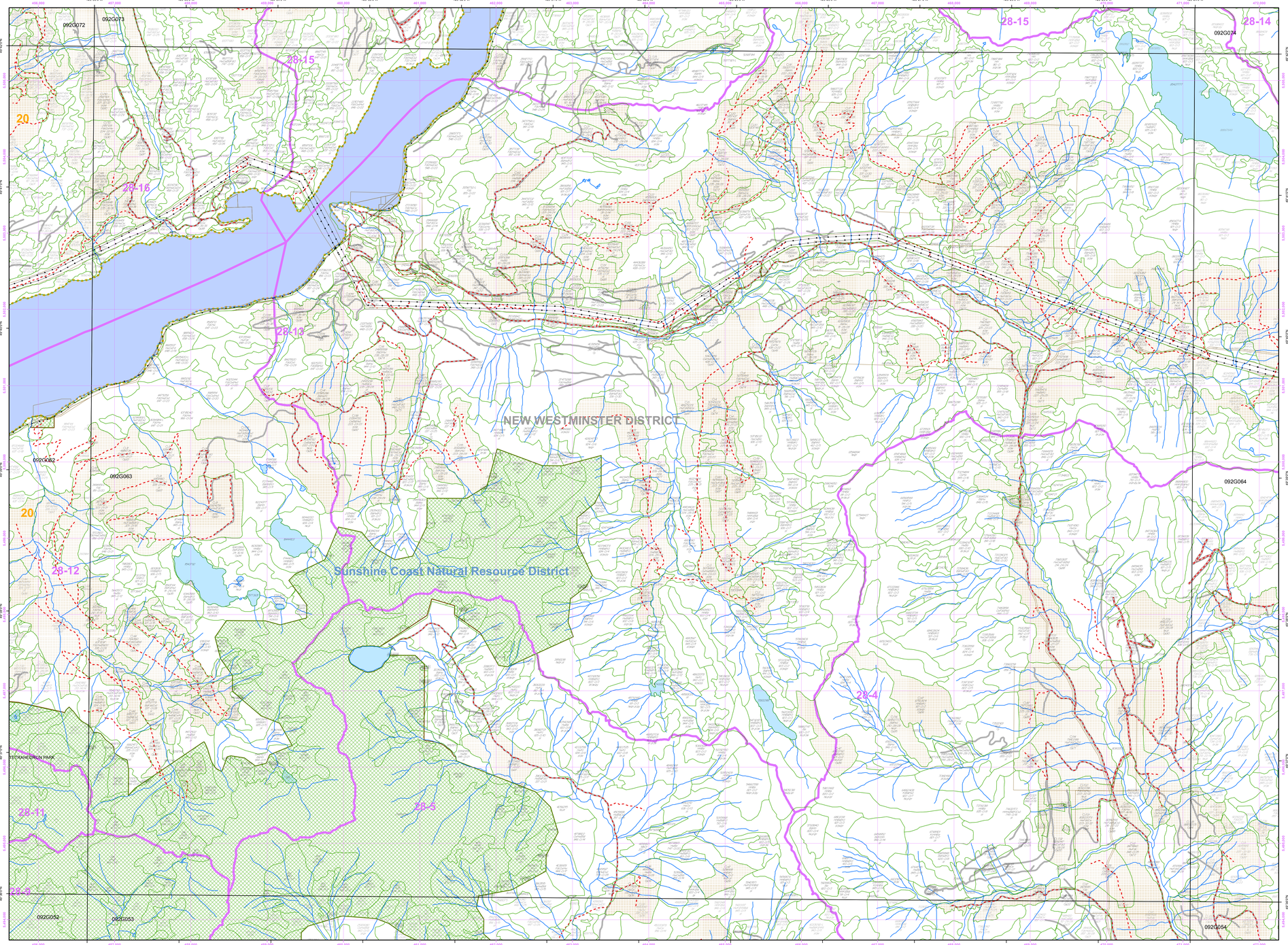
Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application "Results" contains the one time type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for:

OPENING
OPENING LABELS
ACTIVITY TREATMENT ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARD UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH





Overflow Labels