Vegetation Map
093J094

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 / Tantalis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to display the vegetation resource inventory (VRI) information. Although the VRI and other data used to create this map 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
- Immature Opening in Vegetation
- Permanent Sample Plot (VRI)
- Research Installations

TRIM, Base Features :
- As Built Roads
- Forest Tenure Road Lines
- Ferry Routes
- Rough Roads
- Trails/Cutlines
- Railways
- Aid-Ferries
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroline-Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- RAV - 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 (< 1,000,000 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 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 (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 (6-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex. stand is well stocked with trees and shrubs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex. - Logged in 1978

Line 1 - History Record Opening Number

OGD - opening number valid for BCGS mapsheet ; ####### - 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 2006.

NATIVE CONIFERS

E	CEDAR
Cw	Western Red Cedar
Ce	Alaska Cedar
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Coastal Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
H	HEMLOCK
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
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Pli	Lodgepole x Jack Pine hybrid
Pw	Western White Pine
Py	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sw	White Spruce
Sxw	Hybrid Spruce
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

AL	ALDER
Dr	Red Alder
Sa	Sitka Alder
Vb	Paper Birch
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Abb	Balsam Poplar
Abl	Black Cottonwood
Ac	Trembling Aspen
Act	Trembling Aspen
B	ARBUTUS
Mb	Pacific
BB	BIRCH
Pa	Alaska Paper Birch
Pap	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Pw	Water Birch
Bg	Grey Birch
C	CHERRY
V	CHERRY
Cv	Choke Cherry
Cp	Cherry Cv
Up	Pin Cherry
Ue	Bitter Cherry
Up	Pacific Dogwood (western flowering)
MV	MAPLE
Mb	Bigleaf Maple (broadleaf)
Vm	Vine Maple
Mv	Vine Maple
MW	Soccer's Willow
Wr	Red Willow (Scouler)
Wb	Pacific Willow
Wp	Pacific Willow (Barclay's)
Wg	Pussy Willow (grey-leaved)
Wl	Soccer's Willow
Wil	Willow (unidentified)

UNKNOWN - OTHER

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

EXOTICS

LmL	APPLE
	Apple
	POPLAR, COTTONWOOD or POPLAR
Act	Northern Cottonwood
	BIRCH
Ep	Paper Birch
Ea	Silver Birch (swamp)
Ey	Yellow Birch
	CHERRY
Vs	Sweet Cherry
	CYPRESS
Ycp	Nootka False Cedar
	FIR (Alpine)
Fb	Balsam Fir
Fg	Grand Fir
Bm	Shasta Red Fir
Bc	White Fir
	LARCH
Lk	Siberian Larch
Lyl	Subalpine Larch
	MAPLE
Ma	Box Elder
Mr	Norway Maple
Mo	Sycamore Maple
	OAK
Qg	Garry Oak
Qm	Mahogany Oak
	OTHER EXOTICS
Ch	Horse Chestnut
Dr	*Giant Sequoia
Ou	*Coast Redwood
Ob	*Monterey Cypress
Ou	Siberian Elm (pauliform)
Ag	Grand Fir
Og	Oregon Ash
Oa	*White Ash
Oh	*Green Ash Hickory
Ot	Tree-of-heaven
Ow	*Black Walnut
Wg	Willow
Pm	*Monterey Pine
Pn	*Austrian 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	141-160
9	161 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
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 values are derived from a variety of site index building agencies. 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't present, e.g. non-forested polygons. The SI is for the leading species and provides in 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•)

NON TREED SHRUB
- sa SHRUB - shrub with average shrub height > or = to two metres.
- st SHRUB LOW - shrub with average shrub height < two metres.

NON TREED HERB
- g 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 garminoids > 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
- ed Exposed Land
- rs Rock / Talus
- w Snow / Ice

NON VEGETATED CATEGORIES (for V and I record•)

au	ALPINE	gp	GRAVEL PIT	mu	MUDFLAT SEGMENT
av	ALPINE	gr	GRAVEL	mp	RUBBLE FIELD, SPOILS
bl	BLOCKFIELD	la	LAVA BED	oc	OCEAN
bu	BURNED AREA	lk	LAKE	ol	OIL SPILL
bs	BURNED AREA	ls	POND or LAKE SEGMENTS	sn	SNOW COVER
cb	CUTBANK	mi	OPEN PIT MINE	re	RESERVOIR
ds	DELTA DEPOSITS	ms	MORAINE	rv	RIVER / STREAM

Note: Water categories (lk, ls, re, rv) are labelled over 5% of polygon non-forest coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for I record•)

AL	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON PRODUCTIVE BRUSH
BE	BEACH	NPBS	NON PRODUCTIVE CLEAR
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST (Species
GI	GRAVEL BAR	NTA	NO TYPING AVAILABLE
ICE	ICEFIELD	R	RESTRICTED
ICF	ICEFIELD	T	HAYFIELD
M	MEADOW	R	ROCK
MUD	MUDFLAT	S	SWAMP

SAND	SAND
TIDE	TIDAL FLAT
U	URBAN
NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NP	NON PRODUCTIVE
NSR	NOT SUFFICIENTLY RESTOCKED
NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

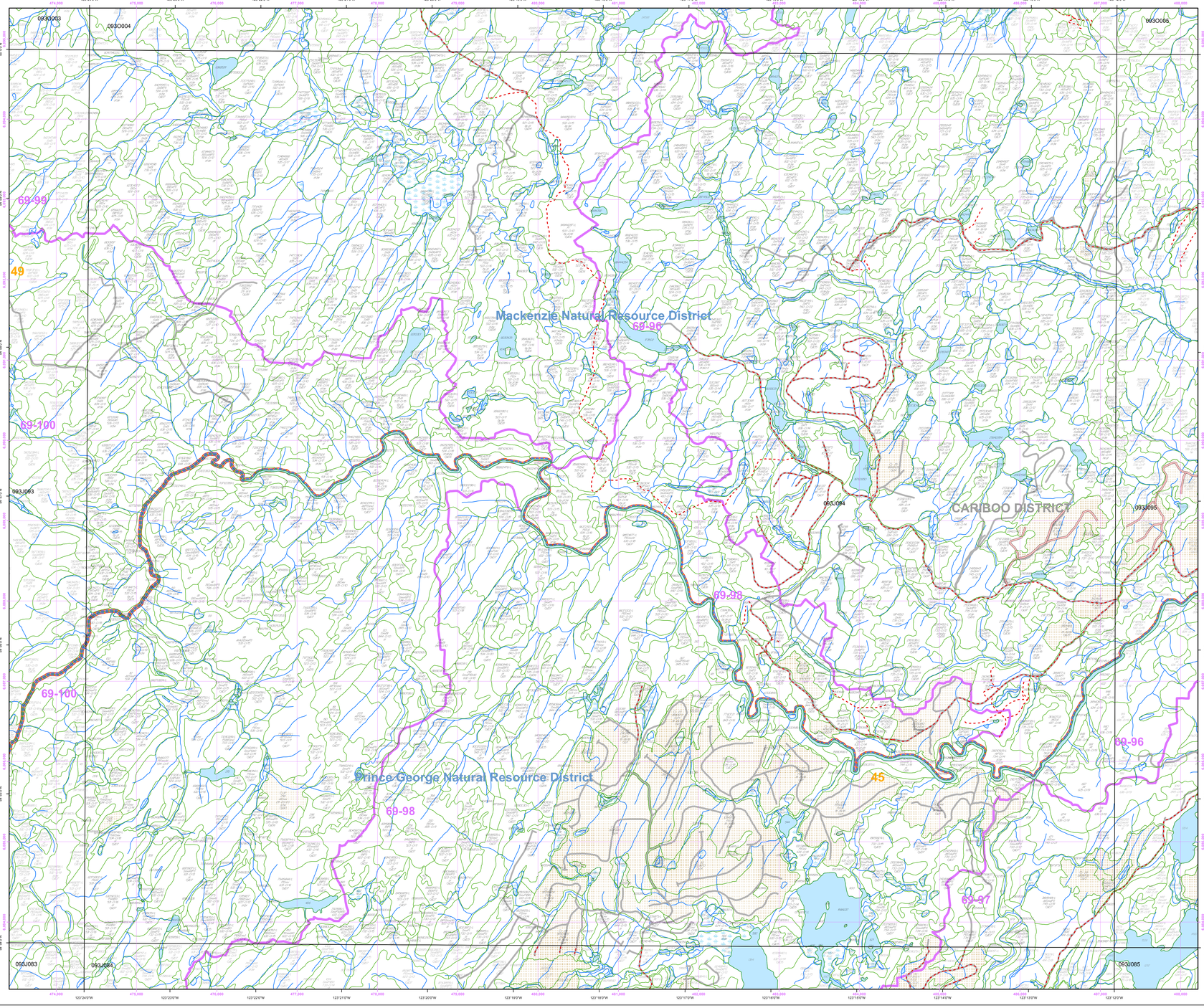
A	Animal Damage	L	Logging
B	Wildfire	M	Mite Damage
C	Insects and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Core and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Treatment Injuries		
V	Damage Undefined		
W	Problem Vegetation		

Example Opening History Details

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

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

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



Overflow Labels

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