092N049

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map
092N049

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 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 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
- Silviculture Opening in Vegetation
- Permanent Sample Plot (GYS)
- Research Installations

TRIM, Base Features:
- Ax 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
- Hydro/Aw/Barriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource Distrct 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 - Tantalis
- Municipal boundary (< 1,000,000 ha) - TEN
- 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    1 Silviculture symbol and Opening Number
 2    2 Polygon Number and multi-layer stand indicator (L)
 3    3 Species Composition
      ex. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
      Fd is 70% of the composition, Hw is 30%. Site Index = Fd 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    5 Vegetated Density Class (or Non-Forest/Productivce Descriptor)
      ex. a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
 6    6 Disturbance History & year - ex: Logged in 1978
```

Line 1 - History Record Opening Number

opening number valid for BCGS mapsheet — ooxx - 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 Composition: Species are labelled 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 dataed January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	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
Hwm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sitakside Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (interior)
Plp	Lodgepole x Jack Pine hybrid
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pw	Western White Pine
Py	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sep	Spruce Hybrid
Sw	White Spruce
Sx	Spruce Hybrid
Sxe	Engelmann x White
Sxs	Sitka x White
Sxw	White x unknown hybrid
Yc	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
E	ARBUTUS
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Poplar
Ac	Balsam Poplar
Act	Black Cottonwood
Ae	Trembling Aspen
At	Trembling Aspen
E	ARBUTUS
Ep	Arbutus
B	BIRCH
Ea	Alaska x Paper Birch
Eap	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
K	CASCARA
Kc	Cascara
V	CHERRY
Vb	Bitter Cherry
Vv	Choke Cherry
Vp	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gg	Garry Oak
R	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wpe	Pacific Willow (Bentzii/X)
Ww	Peasy Willow (grey-leaved)
Ws	Scouler's Willow
Wf	Sitka Willow (tea leaved)

UNKNOWN - OTHER

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

EXOTICS

U	APPLE
Up	Apple
Act	BLACK COTTONWOOD or POPLAR
Ah	Southern Cottonwood
	BIRCH
Ey	European Birch
Ey	Silver Birch (swamp)
Ey	Silver Birch
	CHERRY
Vs	Sweet Cherry
	CYPRESS
Yo	Port Orford Cedar
	FIR (Balsam)
Bn	Noble Fir
Bn	Noble Fir
Bm	Shasta Red Fir
Bp	Silver Fir
	LARCH
Ld	Dahurian Larch
Ld	Dahurian Larch
	MAPLE
Mk	Box Elder
Mr	Norway Maple
Mp	Sycamore Maple
	OAK
Qe	English Oak
Qw	White Oak
	PINE - EXOTICS
Ot	Ponderosa Cedar
Os	Giant Sequoia
Ob	Monterey Cypress
Qc	European Mountain Ash
Qe	Siberian Elm (southern)
Qf	Green Ash
Qg	Oregon Ash
Qw	White Ash
Qm	Shagbarck Hickory
Qt	Tree-of-Heaven
Qr	Regular Walnut
	PINE
Pm	Monterey Pine
Pn	Austrian Pine
Ps	Scots Pine
	SPRUCE
Se	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

50 SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the Leading Species in the dominant or co-dominant layer using the age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees arenot present; e.g. young stands (<30yrs). It is denoted by a slash which always follows the estimated site index value. Site trees 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
- sb SHRUB TALL - shrub with average shrub height > or = to two metres.
- ss 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
- by BRYOIDS - 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 records•)

ap	AIRPORT	gp	GRAVEL PIT	mu	MUD/FLAT SEDIMENT
b	BEACH	l	LAKE	o	RUBBLY MINE SPOILS
bl	BLOCKFIELD	la	LAVA BED	oc	OCEAN
br	BEDROCK	li	LANDING	ot	OTHER
ca	CREVASSE/AREA	ls	LAKE/LAKE SEDIMENTS	rc	ROCK COVER
cu	CUTBANK	re	OPEN PIT MINE	r	RESERVOIR
es	EXPOSED SOILS	rm	MORAINE	r	RIVER / STREAM
g	GLACIER				

Note: Water categories (la, oc, r, rv) will labelled over 50 percent coverage.

mr	RESERVOIR MARGIN
rm	RAILWAY SURFACE
rs	RIVER SEDIMENTS
rz	ROAD SURFACE
s	SAND
ta	TAILINGS
ur	URBAN

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

A	ALPINE	NP	NON-PRODUCTIVE BRUSH	SAND	SAND
C	CONIFEROUS F.Species	NPBS	NON PRODUCTIVE BRUSH	TIDE	TIDAL FLAT
CL	CLEARCUT	NPB	NON-PRODUCTIVE BRUSH	U	URBAN
CL	CLAY BANK	NPT	NON-PRODUCTIVE FOREST /Species		
G	GRAVEL BAR	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
H	HERBACEOUS	P	PASTURE	NP	NON PRODUCTIVE BRUSH
ICE	ICEFIELD	P	HAYFIELD	NP	NON PRODUCTIVE
M	MEADOW	R	ROCK	NSR	NOT SUFFICIENTLY RESTOCKED
MUD	MUD FLAT	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.

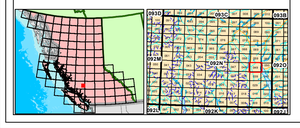
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	O	Other Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

Example Opening History Details

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

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

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



RANGE 2 COAST DISTRICT

Cariboo-Chilcotin Natural Resource District

TSILOS PARK (A.K.A. TSYL-OS PARK)

131
49-35
49-34
48-50
48-41
48-40
48-91

Overflow Labels

092N049