092P004

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 - 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 business functions of Ministry of Forests, Lands, and Natural Resource Operations. The information contained 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 Surveys Plot (SITE)
- Research Installations

TRIM, Base Features :
- As Built Roads
- Forest Tenure Road Linear
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air/Ferries
- Other lines
- Powerlines
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Glaciers/Ice/Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- RV 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
4 Age, Height: 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 Vegetation Cover: (Non-Forested Site Series Description)
ex: a herb polygon with an intermixture between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

opening number valid for BCGS mapsheet — *nnnn* - 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 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
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Pacific Fir
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hmh	Mountain x Western Hemlock hybrid
P	PINE
Pa	Rocky Mtn. Juniper
Pj	Jeffrey Pine
Pl	Lodgepole Pine
Lw	Alpine Larch
LT	Tamarack
Lt	Western Larch
PW	Pine
PJ	Jack Pine
Pli	Lodgepole Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Pli	Lodgepole Pine (latifolia) hybrid
Py	Ponderosa Pine (yellow)
Pq	Stone Pine (coast)
Pf	Limber Pine (foxtail)
Pw	Whitebark Pine
S	SPRUCE
Se	Englemann Spruce
Sx	Englemann Spruce
Ss	Sitka Spruce
Sxs	Spruce hybrid
Sxl	Spruce hybrid
Sxw	Englehann x white
Sw	White Spruce
Sxs	Sitka x white/sw hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	DOGWOOD
U	Red Osier
E	APPLE
A	ASPEN, Crab Apple
At	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Western Poplar
Act	Black Cottonwood
Ax	hybrid Poplars
Ae	Trembling Aspen
Ep	Aspen hybrid
E	BIRCH
Ea	Alaska Paper Birch
Epg	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
C	CASCARA
Kv	Cascara
V	Vine Maple
Vc	Sitka Cherry
Vv	Choke Cherry
Vp	Pin Cherry
V	DOGWOOD
Qg	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
G	GARRY OAK
Qg	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wp	Pacific Willow
Ww	Peachleaf Willow (Bonsley's)
Wp	Peachleaf Willow (Scouler's)
Ws	Scouler's Willow
Wr	Sitka Willow (low-banked)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Xs	unknown shrub (or tall)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ea	Apple
At	ASPEN, COTTONWOOD or POPLAR
Ab	Balsam Poplar (Canadensis)
Ay	Lombardy Poplar
Ae	BIRCH
Ea	European Birch
Ey	Purple Birch (Cutleaved)
Ey	Yellow Birch
Ys	CHERRY
Ys	Mazzard Cherry
Yp	CYPRESS
Yp	"Port Orford Cedar
Bp	FIR (Balsam)
Bp	Noble Fir
Bp	Noble Fir
Bp	Nordmann Fir
Bp	White Fir
L	LARCH
Lk	"Dahurian Larch
Ll	"Japanese Larch
Lp	MAPLE
Mb	Box Elder
Mn	Norway Maple
Mp	"Sycamore Maple
Qa	OAK
Qa	"English Oak
Qn	"White Oak
OTHER EXOTICS	
Ob	"Black Locust
Os	"Giant Sequoia
Ox	"Coast Redwood
Oa	"Common Horse Ash
Oa	Oriental Elm (southern)
Of	Common Pear
Oc	"Black Ash
Oa	"White Ash
Oh	"Shagbark Hickory
Ol	"Honey Locust
Ok	Japanese Walnut
PINE	
Pm	"Monterey Pine
Pr	"Red Pine
Ps	"Scots Pine
Pa	"Swiss Stone Pine
Sn	"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 - 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	% (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
0	86 - 100

4d SITE INDEX

Site Index is based on the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height measurements, other methods are used.

4e ESTIMATED SITE INDEX

SI is estimated when accurate SI data is not present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. 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 record4)

NON-TREED SHRUB

d	SHRUB TALL — shrub with average shrub height > or = to two metres.
s	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	BRYOID — bryoid with no distinction between mosses and lichens by cover.
bm	BRYOID - MOSS — bryoid with mosses, liverworts, and hornwort's > 50% of the bryoid cover.
bl	BRYOID - LICHEN — bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES (for N and I record4)

ra	AIRPORT	ds	DEBRIS SLIDE
be	BEACH	lk	LAKE
ri	BEDROCK/FIELD	ld	LANDING
rc	BEDROCK	la	LANDSLIDE
bu	BURNED AREA	lo	POND or LAKE SEGMENTS
cb	CUT BANK	rp	RIPRAP (Rock Revetment)
ep	EXPOSED SOILS	rr	RIVER / STREAM
gl	GLACIER		

Note: Water categories (lk, wt, rr, rl) not labelled over 50 percent coverage.

mu	MUDFLAT SEDIMENT	mr	RESERVOIR MARGIN
mz	RUBBLY MINE SPOILS	mr	RAILWAY SURFACE
ro	OTHER	ro	ROAD SURFACE
rc	OTHER	rc	ROAD SURFACE
ps	SNOW COVER	ta	TALUS
pn	SNOW FIELD	ta	TALUS
rl	URBAN	ur	URBAN

NON-FORESTED / NON-PRODUCTIVE DESCRIPTOR CODES (for I record4)

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST /Species	NPB	NON-PRODUCTIVE BRUSH
C	CULTIVATED	NPBU	NON-PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON-PRODUCTIVE FOREST /Species
D	DRAINAGE WAY	NPL	NON-PRODUCTIVE LIKELY
G	GRASS / FIT	P	OPEN RANGE
ICE	ICEFIELD	P	HAYFIELD
M	MEADOW	P	PASTURE
MUD	MUDFLAT	S	SWAMP
		SAND	SAND
		SF	SILT FLAT
		U	URBAN
NC	NON-COMMERCIAL		
NCBR	NON-COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NPBR	NON PRODUCTIVE - RESTOCKED		
NTA	NOTYPING 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.

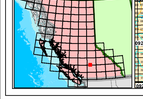
A	Animal Damage	L	Logging
B	Blowdown	M	Mite Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		
R	Site Rehabilitation		
T	Treatment Injuries		
U	Damage Unknown		
V	Problem Vegetation		

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either 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. Refer to the "Help" file for "Displaying Forestry Silviculture Map" to turn on display values for :

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



121°25'0"W 121°24'0"W 121°23'0"W 121°22'0"W 121°21'0"W 121°20'0"W 121°19'0"W 121°18'0"W 121°17'0"W 121°16'0"W 121°15'0"W 121°14'0"W 121°13'0"W 121°12'0"W 121°11'0"W

611,000 612,000 613,000 614,000 615,000 616,000 617,000 618,000 619,000 620,000 621,000 622,000 623,000 624,000 625,000 626,000 627,000

51°40'0"N 51°39'0"N 51°38'0"N 51°37'0"N 51°36'0"N 51°35'0"N 51°34'0"N 51°33'0"N

47-29
47-57
47-58
47-56
109
092P013
092P014
092P004
092P003
092P016
092P005
092I093
092I094
092I095
COQUALEETZA PARK
100 Mile House Natural Resource District
Thompson Rivers Natural Resource District
LILLOOET DISTRICT
KDYD
50 1995
50 1996
51 1352-2
40 1991

Overflow Labels