093H053

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 analytical functions of the 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
- Structure Opening in Vegetation
- Permanent Sample Plot (SYS)
- Research Installations

TRIM, Base Features:
- As Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf/Helis
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydr/Anth-Barriers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- NR LRMO Region boundary
- Resource District boundary - FADM
- RIV_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 - 5% 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 SHOULDER 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 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Site Modifier, Site Series, Ecosystem Type, Structure description
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History & year - ex: Logged in 1978

CU2
2021
CBFd
30_23
INSE
CW39

Line 1 - History Record Opening Number
CU2 - opening number valid for BCGS mapsheet 2021 - 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

C	CEDAR
Cw	Western Red Cedar
Ce	Alaska Cedar
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwk	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mt. Juniper
Js	Sequoia Juniper
L	LARCH
La	Subalpine larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodge Pole
Plc	Coastal Pine
Pli	Lodgepole Pine (interior)
Plg	Lodgepole x jack Pine hybrid
Pli	Ponderosa Pine (yellow)
Pw	Shore Pine (coast)
Pwi	Western White Pine
Pw	Whitebark Pine
S	SPRUCE
Se	Engelmann Spruce
Sep	Engelmann Spruce hybrid
Sx	Sitka Spruce
Sxs	Sitka Spruce hybrid
Sxw	Englemann x White
Sw	White Spruce
Sxl	Sitka x unknown hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Da	Sitka Alder
Ac	Pacific Dull Maple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Act	Balsam Poplar
Ad	Black Cottonwood
Ae	Trembling Aspen
Ax	Trembling Aspen
R	ARBUTUS
Ra	Pacific Arbutus
E	BIRCH
Ea	Alaska Paper Birch
Ep	Alaska Paper Birch hybrid
Ew	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
K	Cascara
V	CHERRY
Vf	Choke Cherry
Vv	Choke Cherry
Vp	Pin Cherry
Vc	DOGWOOD
Vc	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
W	WILLOW
Wc	Carrs Oak
W	WILLOW
Wa	Pacific Willow
Wp	Pacific Willow
Wk	Peachleaf Willow (Banksy's)
Wr	Scouler's Willow (Hooker's)
Wr	Scouler's Willow
Wl	Sitka Willow (Sea-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xh	unknown hardwood
Xh	unknown hardwood
Z	OTHER (tree not on list)
Zp	PROCO
Zh	other hardwood

EXOTICS

Lw	APPLE
	Apple
Ad	BLACK COTTONWOOD or POPLAR
	*Southern Cottonwood
	BIRCH
Ek	*European Birch
Ex	Grove Birch (swamp)
Ey	*Yellow Birch
Ch	CHERRY
	Sweet Cherry
	CYPRESS
Yp	*Nootka Cedar
	FIR (Balsam)
Bb	*Balkan Fir
Bn	*Noble Fir
Bm	*Shasta Red Fir
Bc	*White Fir
	LARCH
Ld	*Dahurian Larch
Lk	*Siberian Larch
	MAPLE
Me	Box Elder
Mn	*Norway Maple
Ms	*Sycamore Maple
	OAK
Qe	*English Oak
Qw	*White Oak
	OTHER EXOTICS
Ch	*Horse Chestnut
Dc	*Giant Sequoia
Cc	*Coast Redwood
Ol	*Common Alder/Black Ash
Ow	Siberian Elm (southern)
Of	Common Pear
Ob	*Black Locust
Oa	*White Ash
Ol	*Shagbarck Hickory
Ot	*Mountain Ash
Oj	Japanese Walnut
	PINE
Pm	*Monterey Pine
Pn	*Red Pine
Py	*Scots Pine
	PROCO
Zn	*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
SI 20 is shown for 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, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI in estimated when suitable SI trees arenot 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 records*s)

NON-TREED SHRUB
- sl SHRUB TALL - shrub with average shrub height > or = to two metres.
- sl 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 > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES (for V and I records*s)

ea	AIRCRAFT	gl	GRAVEL PIT	mu	MUDFLAT SEDIMENT
be	BEACH	la	LAKE	mj	RUBBLY MINE SPOILS
bl	BOULDERFIELD	lk	LAKE BED	ot	OTHER
br	BEDROCK	lr	LANDING	sn	SNOW COVER
bu	BURNED AREA	lp	POND or LAKE SEDIMENTS	ss	SURFACE MINE
cl	CLIFF/CANYON	mn	MINE	ur	URBAN
es	EXPOSED SOILS	mo	MORAINE		
gl	GLACIER				

Note: Water categories (la, ra, rd, rl) not labelled over 90 percent coverage.

NON VEGETATED
- ei Exposed Land
- rk Rock / Rubble
- si Snow / Ice

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

A	ALPINE	NP	NON PRODUCTIVE
BS	BOREAL FOREST (Species	NPBR	NON PRODUCTIVE BRUSH
CL	CULTIVATED	NPBU	NON PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST (Species
GL	GRAVEL BAR	NTA	NO TYPING AVAILABLE
GR	GRAVEL PIT	OM	OPEN RANGE
MU	MUD FLAT	R	ROCK OUTCROP
SL	SLUDGE	S	SAND
WD	WOODY	SWAMP	

SAND	SAND
TIDE	TIDAL FLAT
URBAN	URBAN
NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NF	NON FOREST (Species
NR	NOT SUFFICIENTLY RESTOCKED
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.

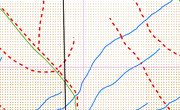
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

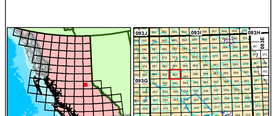
Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application MapView 8.5 is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Results" to turn on display values for: -

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





Overflow Labels

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