083D045

Vegetation Map
083D045

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 - Terrain

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to facilitate printing on standard office equipment. Please be aware that the quality of the source data used to create this extract 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 Feature=:
- Forest Vegetation Polygons
- Recruitment Opening in Vegetation
- Permanent Sample Plot (CVS)
- Research Installations

TRIM - Base Feature=:
- 4x4 Trail
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfields
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Island/Islands - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Glacier - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BEC Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land Claims boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:1,000,000 Ref - 15 % Hatch)
- Municipal boundary (1:1,000,000 Ref - No Hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Area
- 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 Species Composition - Douglas-fir dominant
3 Species Composition
a-s the most important layers is described as Fd (Douglas Fir) and Hw (Western Hemlock)
4 Vegetated Height Class (or Non-Forest/Productive Descriptor)
4c stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 3 (6-10%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
4c + 5e/h polygon with no distinction between fir/hw and grass/sedg, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1979

Line 1 - History Record Opening Number

OGR - opening number valid for BCGS mapsheet; OGR# - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
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 listed in their order of predominance. Major first Minor in brackets.
The following codes are based on "Tree B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

Ba	BALSAM
Bg	GRAND FIR
Y	CYPRESS
Ya	ALASKA CEDAR
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Douglas Fir Coastal Fir
Fdi	Interior Douglas Fir
Fb	FIR (Balsam)
Fd	Douglas Fir
Fdc	Douglas Fir Coastal
Fdi	Douglas Fir (Interior)
H	HEMLOCK
Hw	Western Hemlock
Hwc	Western Hemlock
Hwx	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Creeping Juniper
L	LARCH
La	Alpine Larch
Lw	Western Larch
Lt	Tamarack
P	PINE
Pa	Lodgepole Pine
Pl	Limber Pine
Pli	Limber Pine (Interior)
Plc	Limber Pine (Coastal)
Pg	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (Eastern)
Pw	White Pine (Eastern)
Pm	Western White Pine
Pa	Whitebark Pine
Pf	Limber Pine
Pyb	Bristle Cone Pine
Sb	Engelmann Spruce
Se	Sitka Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxb	Spruce hybrid White
Sxl	Sitka x White
Sxw	Spruce hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

A	ALDER
V	MAPLE
Vm	MAPLE (Vine Maple
Act	MAPLE, COTTONWOOD or POPLAR
Ac	Poplar
Act	Poplar hybrid
Acb	Black Cottonwood
Ax	hybrid Poplars
Ae	Trembling Aspen
E	ARBUTUS
Eb	Broadleaf
B	BIRCH
Bp	Paper Birch
Bpk	Kenai x Paper Birch hybrid
Bpx	Paper Birch (white)
Bg	Gray Birch
C	CEDAR
Cc	Cascara
Cw	Western Red Cedar
Cy	Alder Cherry
D	DOGWOOD
Dp	Pink Dogwood
Dw	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broadleaf Maple (bearbluff)
Mv	Vine Maple
O	OAK
Gb	Garry Oak
W	WILLOW
Wp	Pacific Willow
Wpd	Pacific Willow
Wpg	Pacific Willow (Barclay's)
Wpl	Pacific Willow (Lyall's)
Wy	Scouler's Willow
Wx	Willow hybrid (unknown)

UNKNOWN - OTHER

Z	UNKNOWN
Zc	unknown conifer
Zh	unknown hardwood
Z_	OTHER (less common tax)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ab	ALDER
Ar	RED ALDER
Ap	ASPEN, COTTONWOOD or POPLAR
Apb	Balsam (Tacamahac)
Ae	ASPEN
Ae	European Birch
Ab	BIRCH (Broadleaved)
Cy	Chalice Birch
	CHERRY
Cy	Alder Cherry
F	FIR
Fb	Balsam Fir
Fb	FIR (Balsam)
Fg	Grand Fir (Lowland)
Fl	Alpine Fir
L	LARCH
Le	European Larch
Lk	Dahurian Larch
Lp	Japanese Larch
MAYT	MAYTEN
Mr	Mayten
Mh	Monkey Maple
Mn	Norway Maple
OAK	
Oe	English Oak
Or	Red Oak
OTHER EXOTICS	
Oa	Siberian Elder
Ob	Black Locust
Oc	Cave Fisherwort
Od	Common Horsechestnut
Oe	European Mountain Ash
Of	Ginkgo
Oh	English Holly
Ok	White Ash
Ol	Russian Olive Infancy
Oo	Common Hop
Oq	Japanese Walnut
Ow	Willow
Pn	Norway Pine
Pp	Poplar
Psp	Sugar Pine
Sb	Monkey Sprue

Line 4

4a. AGE CLASS

CODE	AGE (in 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	HEIGHT (in metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 29.4
4	29.5 - 37.4
5	37.5 - 44.4
6	44.5 - 53.4
7	53.5 - 64.4
8	64.5 +

4c. CROWN CLOSURE CLASS

CODE	CLOSURE (percentage)
1	1 - 5
2	6 - 10
3	11 - 20
4	21 - 30
5	31 - 40
6	41 - 50
7	51 - 60
8	61 - 70
9	71 - 80
A	81 - 90
B	91 - 100

4d SITE INDEX

All SI are shown to the nearest metre whenever all SI values are present. Site index is the average height of dominant trees at a reference age for a given species. Where an accurate SI cannot be determined from available data, a range of values is given (i.e. 20-25). Site index is estimated from environmental or ecological factors, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees aren't present, e.g. young stands, stands with poor form, or stands with damaged or deformed trees. Associated fields in the data base are inventory type (thus only 6-9 estimated source exist).

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (5a=X and 5e=n/a)

NON-TREED SHRUB

a	SHRUB TALL
b	SHRUB LOW

Shrub with average shrub height > or = to two metres
Shrub with average shrub height < than two metres

NON-TREED HERB

h	HERB
hg	HERB - GRASS
hf	HERB - GRAMINOID

Herb with no distinction between forbs and graminoids
Herb - grass dominated (> 50% of herb cover)
Herb with graminoids < 50% of the herb cover

NON-TREED BRYOID

b	BRYOID
bm	BRYOID - MOSS
bl	BRYOID - LICHENS

Bryoid with no distinction between mosses and lichens by cover
Bryoid with mosses, hepatics, and hornworts > 50% of the bryoid cover
Bryoid with lichens > 50% of the bryoid cover

NON-VEGETATED CATEGORIES (5a=Y and 5e=n/a)

wa	WATER	g	GRAVEL PIT	mp	ROCK/ICE MOSAIC
wf	WATER-SALT	gl	GLACIER	mr	RUBBLE/ WIND SWEPT
wl	WATER-FRESH	l	LANDING	mt	TALUS
wr	WATER-RIVER	m	MISC	mv	VOLCANIC
ba	BURNED AREA	n	POND or LAKE SEDIMENTS	pr	SNOW COVER
bl	BURNED LOG	r	ROCK OUTCROP	rd	ROAD/TRAIL
u	UNCLASSIFIED	w	WORKINGS	ri	RIVER / STREAM
gr	GLACIER				

ROAD/TRAIL SEGMENT
RUBBLE/ WIND SWEPT
TALUS
OTHER
SNOW COVER
ROAD/TRAIL
RIVER / STREAM

mi RESERVOIR MARGIN
mn RAILWAY SURFACE
mo ROAD SURFACE
mp ROCK/ICE MOSAIC
mt TALUS
mv VOLCANIC
ur URBAN

Note: Water categories (ra, ri, rl) not labelled on 50 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTIONS (5a=Y and 5e=n/a)

AF	ALPINE FOREST (Species	NP	NON-PRODUCTIVE
CL	CLEARING	NPBR	NON-PRODUCTIVE BRUSH
CLGT	CLEARING	NPBRGT	NON-PRODUCTIVE BRUSH (Species
G	GRASS MAR	NPL	NO FURTHER AVAILABLE
GP	GRASS PAST	NPLA	NON-PRODUCTIVE
ICE	ICEFIELD	NPMUD	MUD FLATS
M	MEADOW	R	ROCK
MGT	MEADOW	RIV	RIVERWASH

SAND SAND
SFL SAND FLAT
URBAN

NC NON COMMERCIAL
NCBR NON COMMERCIAL BRUSH
NP NON-PRODUCTIVE
NSR NOT SUFFICIENTLY RESTOCKED
OMSAND OMINECA SAND

Line 6 - Disturbance History

Disturbance type code is 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	M	Mechanical
B	Wildfire	N	Non-Biological Injuries
C	Cone and Seed Insects	P	Planting
D	Disease	S	Scarification
I	Insects	T	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either RIF or ArcMap. The Mapview example is of the new RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. To view RESULTS data in MAPVIEW, in the "Display Silviculture Map" tic box on display values for" -

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

Overflow Labels

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