083E024

Vegetation Map
083E024

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 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, 2015

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Silviculture Opening in Vegetation
- Permanent Sample Plot (CVS)
- Research Installations

TRIM - Base Features:
- 4x Built Roads
- Forest/Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrkwdl/Lwtrlens - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

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) - no 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:

CC 0701 Fdi/Hw 2P 200 1987 CC 0702

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 (Douglas 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 Estimated Site Index - (Site Index Estimate Descriptor)
ex: a tree polygon with no distinction between shrubs and graminoids, shrubs less that 2m
6 Disturbance History & year - ex: Logged in 1978.

Line 1 - History Record Opening Number

CC - opening number valid for BCGS mapsheet
2P - 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 dated 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
Hwi	Western x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Jsc	Scopulorum Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodge Pole Pine
Plc	Contorta Pine
Pli	Lodgepole x Pine hybrid
Pxj	Lodgepole x Jack Pine hybrid
Pm	Mountain Pine (Alpine)
Pw	Black Pine (Lowel)
Pw	Western White Pine
Py	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sx	Spruce Hybrid
Sxe	Engelmann x White
Sxs	Sitka x White
Sxx	Sitka x Unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
U	APPLE
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Balsam Poplar
Acb	Black Cottonwood
Ax	Hybrid Poplars
At	Trembling Aspen
E	BIRCH
Ea	Alaska Paper Birch
Eap	Alaska x Paper Birch hybrid
Ew	Water Birch (white)
Ew	Water Birch
K	CASCARA
V	CHERRY
Vo	CHOKEBERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
M	MAPLE
Mb	Broadleaf Maple (bradleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (Bardyly's)
Wr	Scouler's Willow (a.k.a. leaved)
Ws	Scouler's Willow
Ww	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

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

EXOTICS

U	APPLE
Ua	Apple
A	ASPEN, COTTONWOOD or POPLAR
Ad	*Southern Cottonwood
E	BIRCH
Ea	European Birch
Es	Silver Birch (warnty)
Ep	*Swedish Birch
Q	CHERRY
Qs	Sweet Cherry
Qt	Tart Cherry
Yp	*Pond Orford Cedar
F	FIR (Balsam)
Bs	*Balsam Fir
Bp	Noble Fir
Bm	*Amabilis Fir
Bc	*White Fir
L	LARCH
Lyl	*Subalpine Larch
Lx	*Siberian Larch
M	MAPLE
Mr	Sycamore
Mn	*Norway Maple
Mm	*Miscellaneous Maple
Oak	
Qw	*English Oak
Qm	*Mongolian Oak
C	OTHER EXOTICS
Cw	*Incense Cedar
Cy	*Monterey Cedar
Cn	*Coast Redwood
Ov	European Mountain Ash
Ow	Siberian Elm (southern)
Of	Common Pear
Oc	*Black Locust
Oh	*White Ash
O	*Shagbark Hickory
Ob	*Butternut
Oj	Japanese Walnut
PINE	
Pm	*Monterey Pine
Pr	*Red Pine
Pa	*Austrian 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	141-250
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)
1	0 - 5
2	6 - 15
3	26 - 35
4	36 - 45
5	46 - 55
6	56 - 65
7	66 - 75
8	76 - 85
9	86 - 100

4d SITE INDEX
At 50 yrs is broken in the nearest metre referenced at 50 years Breast Heightage. SI is based on the age and height of the DOMINANT layer. Site index is estimated from ecological site series, age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees are not present, e.g. young stands (<10yrs). It is denoted by a slash which always follows the SI. Site Index Estimate Source and Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREED CATEGORIES (1st/2nd records)

NON-TREED SHRUB
- st 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
- hf HERB - FORBS
- hg HERB - GRAMINOIDS

- herb with no distinction between forbs and graminoids.
- herb with forbs > 50% of the herb cover.
- herbs with graminoids > 50% of the herb cover.

NON-TREED SHRUB
- bs SHRUB - bryoid with no distinction between mosses and lichens by cover.
- bm SHRUB - MOSS - bryoid with mosses, liverwort, and hornwort > 50% of the bryoid cover.
- bl SHRUB - LICHEN - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (1st/2nd records)

ai	AIRPORT	gr	GRAVEL PIT	mu	MUD/FLAT SEDIMENT
ar	ROCK	h	LAKE	mv	MUD/AQUATIC MARINE SPECIES
b	BOCK/FIELD	h	LAVA BED	oc	OCEAN
br	BEDROCK	l	LANDING	p	OTHER
cb	CUTBANK/AREA	m	MISC. FINE SEDIMENTS	s	SNOW/ICE COVER
cb	CUTBANK/AREA	mi	OPEN PIT MINE	w	RESERVOIR
m	EXPOSED SOILS	mn	MORAINE	r	RIVER / STREAM
g	GLACIER				

Note: Water categories (ta, w, r) not labelled over 90 percent coverage.

rm	RESERVOIR MARGIN
rr	RAILWAY SURFACE
rs	RIVER SEDIMENTS
ro	ROAD SURFACE
t	TALUS
tl	TAILINGS
ur	URBAN

NON FOREST / NON PRODUCTIVE DESCRIPTOR CODES (for 1 record)

A	ALPINE	NP	NON PRODUCTIVE	SAND	SAND
AF	ALPINE FOREST Opaces	NPBR	NON PRODUCTIVE BRUSH	TIDE	TIDAL FLAT
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST	U	URBAN
G	GRAVEL BAR	NPFI	NON PRODUCTIVE FOREST -Species		
GC	GRAVEL/CLAY	NTA	NO TYPING AVAILABLE	NC	NON COMMERCIAL
ICE	ICEFIELD	OR	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
M	MEADOW	P	HAYFIELD	NP	NON PRODUCTIVE
MUD	MUD FLAT	R	ROCK	NSR	NOT SUFFICIENTLY RESTOCKED
		S	SWAMP	NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

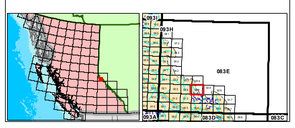
A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mite Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of the new 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
OPENING - TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH



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CARIBOO DISTRICT
Prince George Natural Resource District

MOUNT ROBSON PARK

119°25'0"W 339,000 119°24'0"W 340,000 119°23'0"W 341,000 119°22'0"W 342,000 119°21'0"W 343,000 119°20'0"W 344,000 119°19'0"W 345,000 119°18'0"W 346,000 119°17'0"W 347,000 119°16'0"W 348,000 119°15'0"W 349,000 119°14'0"W 350,000 119°13'0"W 351,000 119°12'0"W 352,000 119°11'0"W 353,000 119°10'0"W 354,000

53°18'0"N 53°17'0"N 53°16'0"N 53°15'0"N 53°14'0"N 53°13'0"N

Overflow Labels

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