083E013

Vegetation Map
083E013

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / Ownership
Base Map Source: TRIM / Toniets

This m ap 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:
- Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- INV Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licences - 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:

LINE DESCRIPTION
1. Silviculture symbol and Opening Number
2. Polygon Number and multilayer stand indicator (L)
3. Species Composition
ex: 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 (1.1-10.4m), crown closure class 1 (6-15%), SI 20m
5. Vegetated Diversity Class or Non-Forest/Productive Descriptor(s)
6. Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

03E - opening number valid for BCGS mapsheet nnnn - opening number has not been assigned

Line 2 - Polygon No. / Multilayer

VRMS 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
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
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweside Juniper
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Jack Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (coastal)
Plc-Pli	Lodgepole x Jack Pine hybrid
Pli	Lodgepole Pine (interior)
Pxj	Ponderosa Pine (yellow)
Py	Ponderosa Pine (yellow)
Pw	Western White Pine
Pw	Whitebark Pine
Pyb	Bull Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Spruce Hybrid
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x Unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	Dogwood
Dr	Red Alder
U	APPLE
Ax	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Ac	Black Cottonwood
Act	Black Cottonwood
Ax	Hybrid Poplars
Ae	Trembling Aspen
E	ARBUTUS
R	BIRCH
Ep	Alaska Paper Birch
Epc	Alaska Paper Birch hybrid
Ew	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
C	Cascara
V	CHERRY
Vf	Choke Cherry
Vv	Chokecherry
Vp	Pin Cherry
G	DOGWOOD
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
OA	Oak
Gy	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wpg	Pacific Willow (Baraby's)
Wg	Peachleaf Willow (Bebb's)
Wgl	Peach Willow (Lance leaved)
Wy	Scouler's Willow
Wsl	Sitka Willow (lance leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xh	unknown conifer
Xh	unknown hardwood
Z	OTHER (see not on list)
Zc	other conifer
Zh	other hardwood

EXOTICS

Ab	Abies
A	ASPEN, COTTONWOOD or POPLAR
Act	Black Cottonwood
Bp	European Birch
Ep	Paper Birch (exempt)
Ey	Yellow Birch
	CHERRY
Vs	Sweet Cherry
	CYPRESS
Yc	Yellow Cedar
	FIR (Balsam)
Bb	*Balsam Fir
Bc	*Corkbark Fir
Bm	*Shasta Red Fir
Bl	*White Fir
	LARCH
Ld	*European Larch
Lk	*Siberian Larch
	PINE
Pm	Aus Stein
Mr	*Norway Maple
Ms	*Sycamore Maple
OA	Oak
Oe	*English Oak
Ow	*White Oak
	OTHER EXOTICS
Ot	*Tree of Heaven
Ok	*Giant Sequoia
Oc	*Coast Redwood
Ob	*Monterey Cypress
Ox	*Giant Sequoia
	PINE
Pm	*Monterey Pine
Pn	*Austrian
Ps	*Scots 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)
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

All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. Where only estimated site index 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 (<30yrs). It is denoted by a slash which always has a number after it (ex. Fd/20). Estimates are based on inventory Type Group and SI (if present) across cutlet.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records)

NON-TREED SHRUB
- st SHRUB TALL - shrub with average shrub height > or = to two metres.
- sm SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- h 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 moses and lichens by cover.
- bm BRYOID - MOSS - bryoid with moses > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED
- at Exposed Land
- sn Snow / Ice
- w Water / Ice

NON-VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gr	GRAVEL PIT	mv	MUD/FLAT SEDIMENT
bl	BEACH	la	LAKE	mr	RUBBLY MINE SPOILS
bf	BOCKFIELD	lv	LAVA BED	ms	SAND SEDIMENTS
bl	BEDROCK	rv	RIVER	sl	OTHER
cr	CREEK/AREA	sd	UNKNOWN LAKE SEDIMENTS	sn	SNOW COVER
cb	CUTBANK	sp	OPEN PIT MINE	re	RESERVOIR
es	EXPOSED SOILS	mn	MORAINE	r	RIVER / STREAM
gl	GLACIER				

Note: Water categories (la, sd, re, r) not labelled over 60 percent coverage.

rm	RESERVOIR MARGIN
rm	RAILWAY SURFACE
rs	ROCK SEDIMENTS
rd	ROAD SURFACE
ta	TALUS
s	TAILINGS
u	URBAN

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

AF	AGRICULTURAL FIELD	SAND	SAND
AP	ALPINE FOREST/Spaces	TIDE	TIDAL FLAT
C	CULTIVATED	U	URBAN
CL	CLEARING		
G	GRAVEL BAR	NC	NON COMMERCIAL
GR	GRAVEL PIT	NCBR	NON COMMERCIAL BRUSH
I	ICEFIELD	NP	NON PRODUCTIVE
M	MARSH	NPBR	NON PRODUCTIVE BRUSH
MUD	MUD FLAT	NSA	NOT SATISFACTORILY RESTOCKED
		NTA	NO TYPING AVAILABLE
MB	NON PRODUCTIVE BRUSH		
MBR	NON PRODUCTIVE BURN		
MBRC	NON PRODUCTIVE ACTIVE FOREST /Species		
NTA	NO TYPING AVAILABLE		
OR	OPEN RANGE		
P	PASTFIELD		
R	ROCK		
S	SWAMP		

Line 6 - Disturbance History

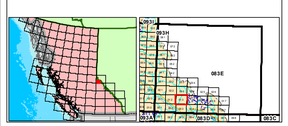
Disturbance type code preceded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

A	Animal Damage	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 as the RESULTS data layer. 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 LABELS
- OPENING - PLANTING ACTIVITY
- ACTIVITY TREATMENT UNIT
- STANDARDS UNIT
- SILVICULTURE FOREST COVER
- WILDLIFE TREE PATCH



083E022
083E023
083E024
083E012
083E013
083E014
083E002
083E003
083E004

SMALL RIVER CAVES PARK
MOUNT ROBSON PARK

59-10
59-9
59-5
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CARIBOO DISTRICT
Prince George Natural Resource District

Overflow Labels