092G067

Vegetation Map
092G067

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 - VRMS / 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 display the information contained in the Vegetation Resource Inventory. Some features may be displaced, incomplete, portrayed may not be complete and up to date Cadastral, administrative boundaries and the Ownership colour theme are compiled from provincial digital data sets (Tantalis) updated June 2014).

Labels Projected To January 1, 2015

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Shrub/tree Opening in Vegetation
- Permanent Sample Plot (SYS)
- Research Installations

TRIM Base Features:
- 4x Built Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- 4x4 Ferries
- Other lines
- Powerlines
- Pipelines
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Waterbodies - ESM
- Waterbodies - CRM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- TSA / 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 (> 1:250,000 Not - 1% Notch)
- Municipal boundary (< 1:250,000 Not - no Notch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Recreation Areas

Other:
- BCGS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Polygon Number and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Crown Closure Class for dominant 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 (6-10%), SI 20m
5 Non-forested vegetation cover type and percentage
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m
6 Disturbance History & year - ex. Logged in 1978

Line 1 - History Record (Opening Number)
opening number valid for BCGS mapsheet ***** opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

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 tabled in their order of predominance. Major Mid 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
H	HEMLOCK
HW	WESTERN HEMLOCK
F	DOUGLAS FIR
FD	COASTAL DOUGLAS FIR
FI	INTERIOR DOUGLAS FIR
B	FIR (BALSAM)
BA	AMABILIS FIR
BG	GRAND FIR
BL	SUBALPINE FI (BALSAM)
PA	WHITEBARK PINE
PL	LODGEPOLE PINE (SCRUB)
PLC	COASTAL LODGEPOLE PINE
PLI	MOUNTAIN / WESTERN HEMLOCK TYPE
PW	WHITE PINE
PY	YELLOW PINE - CEDAR
L	LARCH
LW	WESTERN LARCH
LT	TAMARACK
LA	ALPINE LARCH
P	PINE
PJ	JACK PINE
PL	LODGEPOLE PINE
PLC	COASTAL LODGEPOLE PINE
PLI	LODGEPOLE x (JACK PINE)
PLA	LODGEPOLE x (WHITEBARK PINE)
PW	WHITE PINE (SHORT)
PA	WHITEBARK PINE
PY	YELLOW PINE
S	SPRUCE
SB	BLACK SPRUCE
SE	ENGELMANN SPRUCE
SW	WHITE SPRUCE
SS	SITKA SPRUCE
SX	HYBRID SPRUCE
SXB	SPRUCE x WHITE
SXE	SPRUCE x ENGELMANN
SXL	SPRUCE x LUTZ
SXS	SPRUCE x SITKA
SXW	SPRUCE x UNKNOWN

NATIVE HARDWOODS

D	ALDER
A	ASPEN
AT	APPLE
AC	APPLE CRAB
A	ASPEN, COTTONWOOD or POPLAR
AC	BALSAM POPLAR
AT	BALSAM POPLAR
E	BIRCH
EP	European Birch
EW	White Birch (exotic)
EY	Yellow Birch
EB	Birch
EC	Cherry
EC	Choke Cherry
EU	Red Osier Dogwood
EV	Pin Cherry
EM	Mountain Ash
ED	Prairie Crabapple (western flowering)
EE	Saskatoon
EB	Signal Wands (broadleaf)
EW	Willow
EW	Hardwood
EW	Hardwood (unknown)
EB	WILLOW
EW	Pacific Willow
EW	Peachleaf Willow (Booray's)
EW	Pacific Willow (Booray's)
EW	Pacific Willow (Booray's)
EW	Hardwood (unknown)
EW	Hardwood (unknown)

UNKNOWN - OTHER

X	UNKNOWN
XC	unknown Conifer
XH	unknown Hardwood
XS	unknown Shrub or tree
XX	other conifer
XX	other hardwood

EXOTICS

AP	APPLE
A	ASPEN, COTTONWOOD or POPLAR
AB	BALSAM POPLAR
E	BIRCH
EP	European Birch
EY	Yellow Birch
EB	Birch
C	CEDAR
CY	Yellow Cedar
CO	Other Cedar
F	DOUGLAS FIR
FD	Douglas Fir
FI	Douglas Fir
L	LARCH
LY	Tamarack Larch
LO	Other Larch
PA	PINE
PW	Western White Pine
PY	Ponderosa Pine
PA	Whitebark Pine
PL	Lodgepole Pine
PLC	Coastal Pine
PLI	Interior Pine
PJ	Jack Pine
PW	Western White Pine
PY	Yellow Pine
PA	Whitebark Pine
PL	Lodgepole Pine
PLC	Coastal Pine
PLI	Interior Pine
PJ	Jack Pine
PW	Western White Pine
PY	Yellow Pine
PA	Whitebark Pine
PL	Lodgepole Pine
PLC	Coastal Pine
PLI	Interior Pine
PJ	Jack Pine
S	SPRUCE
SE	Engelmann Spruce
SS	Sitka Spruce
SW	White Spruce
SX	Hybrid 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 (m)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
4	27.5 - 34.4
5	34.5 - 41.4
6	41.5 - 49.4
7	49.5 - 64.4
8	65.5 +

4c. CROWN CLOSURE CLASS

CODE	CROWN CLOSURE (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

Site index is the mature stand height determined at 50 years breast height age. It is based on the age and height of the leading species. When an accurate SI cannot be obtained from the inventory information, a default value is used. Variance from the

4e. ESTIMATED SITE INDEX

Estimated site index is the site index of the leading vertical present, e.g. being labelled a Balsam. This is identified by a default which always precedes it. Associated fields in the data base are Inventory Type Group and Site Index Estimation Method.

Line 5 - Vegetation Inventory

NON-FORESTED NON-TREE CATEGORIES - (for 5f and / or/and/H)

SL	SHRUB TALL
SM	SHRUB MEDIUM

- shrub with average shrub height > or = to two metres.
- shrub with average shrub height < than 2 metres.

NON-FORESTED HERBS

HE	HERB
HF	HERB - FORBS
HG	HERB - GRAMINOIDS

- herb with no distinction between forbs and graminoids.
- herb with forbs > 10% of the herb cover.
- herb with graminoids > 10% of the herb cover.

NON-TREED MATRIX

SE	SHRUB - HERB

- brush with no distinction between moses and lichens by cover.

NON-VEGETATED CATEGORIES - (for 5f and / or/and/H)

AP	AIRPORT	gp	GRAVEL PIT
BE	BEACH/FLD	L	LAKE-SEA
BI	BURNED AREA	LA	LAKE-MED
BU	BUILDINGS-MISC	LS	LAKE-SMALL SEGMENTS
CL	CUTBANK	M	OPEN PIT MINE
CU	CULTURAL-MISC	R	RIVER
GL	GLACIER		

mp	MUSKEG SEGMENTS
mc	OTHER WET SPECIAL
R	RIVER
RS	RIVER SEGMENTS
RE	RESERVOIR
W	WATER

rr	RESERVOIR MARGIN
rm	RIVER MARGIN
rs	RIVER SEGMENTS
S	SLIDE
t	TAILINGS
U	UNKNOWN

Note: Water categories by rc, rr, rm or lakeshore will override all non-veg

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for 5f and/H)

AF	ALPINE FOREST Species	NPBR	NON-PRODUCTIVE BRUSH
AT	ALPINE FOREST Tundra	NPBS	NON-PRODUCTIVE BURN
CL	CLAY BANK	NPCL	NON-PRODUCTIVE CLEARING Species
CR	CROP/HAYFIELD	NPCR	NON-PRODUCTIVE CROP
GR	GRASS-HERB	NPGR	NON-PRODUCTIVE GRASS
KF	KATFELD	P	ASPHALT
MU	MUD FLAT	S	SAND
MW	MUSKEG	W	WATER

SAND	SAND
TFLAT	TIDAL FLAT
WATER	WATER
NC	NON-COMMERCIAL
NCB	NON-COMMERCIAL BROOM
NP	NON-PRODUCTIVE
NPBR	NON-PRODUCTIVE BRUSH/HEATH
NVEG	NOT-VEG AVAILABLE

Line 6 - Disturbance History

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

B	Biotic damage	L	LOGGING
F	FIRE	N	Non-biotic damage
C	Cone and Seed Insects	N	Non-Biotogear injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
I	Insects		

S	Silviculture
T	Transportation Routes
U	Damage Unknown
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW
Data Catalogue as a WMS Map. That Map/view example is
of Harvest RESULTS data.

The Ministry of Forests, Mines and Lands web application
"Map Place" provides access to this WMS information.
Select the SILVICULTURE tab then click on "Display
Silviculture Map" to turn on display values for -

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

Zone	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Band														
C	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	6A	6B	7A	7B
D	8A	8B	9A	9B	10A	10B	11A	11B	12A	12B	13A	13B	14A	14B
E	15A	15B	16A	16B	17A	17B	18A	18B	19A	19B	20A	20B	21A	21B
F	22A	22B	23A	23B	24A	24B	25A	25B	26A	26B	27A	27B	28A	28B
G	29A	29B	30A	30B	31A	31B	32A	32B	33A	33B	34A	34B	35A	35B
H	36A	36B	37A	37B	38A	38B	39A	39B	40A	40B	41A	41B	42A	42B
J	43A	43B	44A	44B	45A	45B	46A	46B	47A	47B	48A	48B	49A	49B
K	50A	50B	51A	51B	52A	52B	53A	53B	54A	54B	55A	55B	56A	56B
L	57A	57B	58A	58B	59A	59B	60A	60B						

Map 092 G 067

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Overflow Labels