Vegetation Map
093B027

Scale: 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / Dansereau
Base Map Source: TRIM / Terrain

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to display the vegetation resource inventory data. Please note that the vegetation resource inventory is not 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, 2015

MAP SYMBOLOGY

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

TRIM, Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railway
- Air/Yards
- Other Area
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines/Banks - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- REF Region Compartment - FADM
- Provincial Forest area - FADM
- TSA - Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary (1:1,000,000 Ha - 75 % hatch)
- Municipal boundary (1:1,000,000 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 Structure symbol and Opening Number
2 Polygon Number (VRMS Polygon stand indicator (L))
3 Species Composition
ex: the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age Class (Stand Age) - ex: 3 = 61-80 years, 4 = 81-100 years, 5 = 101-120 years
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10 m), crown closure class 1 (6-10%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex: Density class 3 is 41-60% crown closure of trees and gammoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

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

Line 2 - Polygon No. - Multi-layer 1

VRMS Polygon Number - ranging from one to nine digits
ex. 1 - assigned stand or 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 first Minor in brackets.
Species Codes are based on "The B.C Ministry of Forests Tree Code List" version 4.0 dated January 2005.

NATIVE CONIFERS

CW	CEDAR
YC	Western Red Cedar
HW	HEMLOCK
H	Hybrid Conifer
AC	Douglas Fir
FD	Douglas Fir
FDC	Interior Douglas Fir
FDI	Inland Douglas Fir
BA	Fir (Balsam)
BG	Grand Fir
BL	Alpine Fir
BAL	Fir (Balsam) or (alpine)
HEMLOCK	
H	Western Hemlock
HM	Western Hemlock
HXM	Western Hemlock / Mountain Hemlock hybrid
JUNIPER	
J	Juniper
PW	Western White Pine
LARCH	
LW	Tamarack
LT	Tamarack
PINE	
PA	Lodgepole Pine
PJ	Jack Pine
PL	Lodgepole Pine
PLC	Lodgepole Pine (Interior)
PLI	Lodgepole x Lowl Pine hybrid
PLW	Lodgepole Pine (Coast)
PSS	Scots Pine (Island)
PSW	Scots Pine (Interior)
PW	Western White Pine
SPRUCE	
SB	Black Spruce
SE	Engelmann Spruce
SW	White Spruce
SX	White Spruce
SXE	Engelmann x White
SXS	White x Sitka
SXW	Sitka x unknown hybrid
SS	Sitka Spruce
YP	Western Yew

NATIVE HARDWOODS

AT	ASPEN
D	Red Alkin
E	Alder
AC	Poplar (black Apple
AX	ASPEN, (LOTTOMOCO or POPLAR
B	BIRCH
BA	Birch (Paper Birch
BB	Birch (Alaska Paper Birch hybrid
BP	Paper Birch (white)
BW	Birch (White)
C	COTTONWOOD
CW	Cottonwood
D	OGWOOD
DW	Dogwood
E	Alder (Red)
EA	Alder (Sitka)
EP	Alder (Mountain)
EW	Alder (Red)
G	Garry Oak
GO	Oregon Oak
H	Hardwood (unknown leaved/non flowering)
HA	Hardwood (Arbutus)
HB	Hardwood Willow (Bebbs)
HC	Hardwood Willow (Coast)
HD	Hardwood Willow (Drummond's)
HG	Hardwood Willow (Sitka)
HI	Hardwood Willow (Interior)
HP	Hardwood Willow (Pacific)
HR	Hardwood Willow (Barclay's)
HW	Hardwood Willow (Scouler's)
HZ	Hardwood Willow (Hybrid)
M	MAPLE
MB	Maple (Broadleaf)
MV	Maple (Vine)
O	OAK
OG	Oak (Garry)
R	WILLOW
RA	Willow (Arctic)
RB	Willow (Bebbs)
RC	Peachleaf Willow (Booby's)
RD	Willow (Drummond's)
RG	Willow (Sitka)
RH	Willow (Scouler's Hooker)
U	UNKNOWN - OTHER
UC	unknown conifer
UCH	unknown hemlock
UD	unknown deciduous (not AB)
UH	other hardwood

EXOTICS

AT	ASPEN
AX	ASPEN, (LOTTOMOCO or POPLAR
BP	Paper Birch
BW	Birch (White)
BXP	Birch (Paper Birch
BXW	Birch (White)
CHERRY	
CH	Cherry (Bird)
CHM	Cherry (Mazzard)
CHP	Cherry (Pin)
FIR (Balsam)	
FA	Fir (Balsam)
LARCH	
LA	Larch (European)
LJ	Tamarack Larch
LK	Larch (Japanese)
PINE	
PB	Pine (Austrian)
PC	Pine (Corsican)
PF	Pine (Scots)
PJ	Pine (Japanese)
PM	Pine (Mugo)
PN	Pine (Austrian)
PO	Pine (Ponderosa)
PP	Pine (Lodgepole)
PR	Pine (Red)
PS	Pine (Scots)
PSY	Pine (Swiss Stone)
PW	Pine (White)
PY	Pine (Yellow)
SPRUCE	
SA	Spruce (Alaska)
SC	Spruce (Colorado)
SE	Spruce (Engelmann)
SI	Spruce (Norway)
SK	Spruce (Koster's Blue)
SN	Spruce (Norway)
SP	Spruce (Prickly)
SPB	Spruce (Black)
SPR	Spruce (Red)
SS	Spruce (Sitka)
SW	Spruce (White)
SX	Spruce (Hybrid)
SXE	Spruce (Engelmann x White)
SXS	Spruce (Sitka x White)
SXW	Spruce (White x Sitka)
TAMARACK	
LA	Larch (European)
LJ	Tamarack Larch
LK	Larch (Japanese)
WILLOW	
WA	Willow (Arctic)
WB	Willow (Bebbs)
WC	Willow (Coast)
WD	Willow (Drummond's)
WG	Willow (Sitka)
WH	Willow (Scouler's Hooker)
WI	Willow (Interior)
WP	Willow (Pacific)
WR	Willow (Barclay's)
WW	Willow (Scouler's)
WZ	Willow (Hybrid)
YEW	
YC	Western Red Cedar
YP	Western Yew

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 (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
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	% (percentage)
1	6 - 10
2	11 - 15
3	16 - 20
4	21 - 30
5	31 - 40
6	41 - 50
7	51 - 60
8	61 - 70
9	71 - 80
0	81 - 100

4d SITE INDEX

SI is an estimate of the mearest metre referenced at 50 years. SI is estimated for immature stands using the species and their associated leading species. When an accurate SI cannot be obtained from age and height measurements, a default SI may be assigned.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI data is not present. e.g. SI is estimated for a non-forested polygon using adjacent polygon data. procedure 5. Associated fields in the data base are Inventory Standard SI Estimated Source and Estimated SI.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES: (5a 'a' and 5 (record#)

NON-TREED SHRUB

SL	SHRUB - LOW
SM	SHRUB - TALL

shrub with average shrub height 1 or > to less metres.
shrub with average shrub height > than 1metre

NON-TREED HERB

HF	HERB - FORBS
HG	HERB - GRAMINOIDS

herb with no distinction between forbs and gammoids.
herb with forbs > 50% of the herb cover.
herb with gammoids > 50% of the herbal cover.

NON-TREED MYCOID

MF	MYCOID - FUNGI
MC	MYCOID - LICHENS

fungoid with no distinction between mosses and lichens by cover.
fungoid with lichens > 50% of the fungoid cover.
fungoid with mosses > 50% of the fungoid cover.

NON-VEGETATED CATEGORIES: (5a 'a' and 5 (record#)

AI	AIRPORT	GI	GRAVEL PIT	RM	RESERVOIR MARGIN
BE	BEACH	IC	ICE	RO	RESERVOIR SURFACE
BI	BEDROCK	LA	LAKE/MAJ	RW	RAILWAY SURFACE
BU	BUILDING	LI	LAKE/MIN	SA	SETTLEMENT/AG
BX	BURNED AREA	R	POND or LAKE SEDIMENTS	TA	TALUS
CL	CLEARING	RE	RESERVOIR	WA	WATER/MAJ
EX	EXPOSED SOILS	RI	RIVER - STREAM	WI	WATER/MIN

Non-vegetated categories (5a 'a' to 'n') not labelled cover 90 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTORS (5a 'n' (record#)

A	ALPINE	NPBR	NON-PRODUCTIVE BRUSH	SAND	SAND
AF	ALPINE FOREST Stands	NPBS	NON-PRODUCTIVE SHRUBS	TIDE	TIDAL FLAT
CI	CITY	NPMA	NON-PRODUCTIVE MARSH	TU	TUNDRA
CL	CLEARING	NPT	NON-PRODUCTIVE TIMBER / Bypass		
FP	FOREST PLANTATION	NPTS	NON-PRODUCTIVE TREES	NCB	NON COMMERCIAL BRUSH
GR	GRAVEL PIT	OR	OPEN RANGE	NCBR	NON COMMERCIAL BRUSH
IC	ICE FIELD	R	ROCK	NFR	NOT REGENERATED
MU	MUSKEG	S	SWAMP	NVS	NO VEGETATION SUFFICIENCY
RKY	ROCKY LAT	S	SWAMP	NVT	NO TYPING AVAILABLE

Line 6 - Disturbance History

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

A	Animal Damage	L	Logging	R	Site Rehabilitation
B	Wildfire	M	Mechanical Damage	S	Snow Damage
C	Cankerworm Seed Insects	N	Non-Ecological Injuries	U	Damage Unknown
D	Disease	P	Core and Seedling Fungal Pathogens	V	Problem Vegetation
I	Insects				

Example Opening History Dates

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

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the "Forest Cover" and "Forest Cover Display Structure Map" to turn on display values for:

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

Overflow Labels

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