Vegetation Map
082E086

Scale: 1:20,000

1 0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS - Cranbrook
Base Map Source: Terrain Resource Inventory

Please note: Inventory information is derived digitally at the BC Geographic Warehouse. The map has been developed 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 derived from Terrain Resource Inventory Mapping (TRIM).

Labels Prepared for: January 1, 2013

MAP SYMBOLOGY

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

TRIM - Base Features:
- Built-up Areas
- Forest Tenure Road Lines
- Road Roads
- Rough Roads
- Trails/Cutlines
- Railroad
- Ski Fields
- Utility Lines
- Powerline
- Pipeline
- Buildings
- Misc Lines
- Misc Lines
- Water Lines
- Hydrostructures - 0SN
- Watercourses - 0BK
- Waterbodies - 0BB
- Wetlands - 0BK
- Ocean - 0BK

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region Boundary
- Resource District Boundary - FADM
- BEC Region Compartment - FADM
- Provincial Forest Lines FADM
- Timber Supply Area Block - FADM
- Tree Farm Licences - FADM
- Land Claims Boundary
- Administrative Districts
- Survey Parcels - Tantalis
- Municipal Boundary (1:1,000,000 to 1:5 Million)
- Municipal Boundary (1:250,000 to 1:1 Million)
- National Parks
- Park Reserve
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE - DESCRIPTION
1 - Structure number and Opening Number
2 - Polygon Number and multi-layer stand indicator (L)
3 - BEC Variant and Site Series
4a - the most important layer is described here For Eo (Eroglis Fir) and Hw (Western Hemlock):
Age, Height, Crown Closure Class Code - separated - This index / estimated SI
4b - Vegetation Cover Code or Non-Forest/Productive Description / Vegetation Density Class or Non-Forest/Productive Description
5 - Site Preparation / Harvesting / Silviculture Treatments and grammcode, simple less than 3m...
6 - Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Keeping Number
opening number used for BCGS mapsheet — opening number has not been assigned

Line 2 - Polygon No. / Multi-Layer
Polygon number is a unique identifier from one to nine digits.
L = Multi-layer stand or separate description of each layer is available in the data base, i.e. 1.2).

Line 3 - BEC Tree Code List
Tree Species Codes - Species are entered in their order of predominance. Major first Minor in brackets.
The following codes are based on "Tree & C. Ministry of Forests Tree Code List" version 4.0 dated January 2009

NATIVE CONIFERS

Ba	Alaska Red Cedar
Bg	Grand Fir
Bl	White Cedar
Fd	Douglas Fir
Fdc	Douglas Fir
Hm	Mountain Hemlock
Hw	Hemlock
Lt	Tamarack
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coast)
Py	Ponderosa Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	Hybrid Spruce
Yc	Yellow Cedar

NATIVE HARDWOODS

Ac	Black Cherry
Ag	Red Alder
Ap	Trembling Aspen
At	Pacific Dogwood
Ax	Paper Birch
Ep	Prairie Crabapple
Mb	Bigleaf Maple
Mv	Vine Maple
Pa	Black Cottonwood
Pxa	Poplar Hybrid
Vs	Saskatoon

SHRUBS

Ab	Alder
Ac	Black Cherry
Ag	Red Alder
Ap	Trembling Aspen
At	Pacific Dogwood
Ax	Paper Birch
Ep	Prairie Crabapple
Mb	Bigleaf Maple
Mv	Vine Maple
Pa	Black Cottonwood
Pxa	Poplar Hybrid
Vs	Saskatoon

Line 4

4a. AGE CLASS

CODE	UNITS (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	UNITS (metres)
1	1 - 4.9
2	5.0 - 9.9
3	10.0 - 14.9
4	15.0 - 19.9
5	20.0 - 24.9
6	25.0 - 29.9
7	30.0 - 34.9
8	35.0 - 39.9
9	40.0 +

4c. CROWN CLOSURE CLASS

CODE	UNITS (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
Site index is the average height a dominant tree achieves at 50 years. Mature trees are used for this measurement. Site index is the best indicator of site productivity. It is used to estimate the potential yield of a stand. Site index is estimated from stand height, species, and age.

4e. ESTIMATED SITE INDEX
Site index is the average height a dominant tree achieves at 50 years. Mature trees are used for this measurement. Site index is the best indicator of site productivity. It is used to estimate the potential yield of a stand. Site index is estimated from stand height, species, and age. Site Series and Ecosystem Unit are used to estimate site index.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES: (1st & last Line only)

NON-TREES SHRUB
- SB SHRUB
- SBT SHRUB TALL — shrub with an expected height > 2.0 m for mature individuals
- SBM SHRUB MEDIUM — shrub with an expected height 1.0 m to 2.0 m for mature individuals
- SBL SHRUB LOW — shrub with an expected height < 1.0 m for mature individuals

NON-TREES HERB
- HE HERB
- HEG GRAMINOID — Grass and graminoids
- HEF FORB — Herbaceous plants that are not graminoids

NON-TREES SPECIES
- SH SPECIES — Insert with its distinction between mature and mature by noun
- SHG SPECIES - GRASS — Insert with its distinction between mature and mature by noun
- SHF SPECIES - FORB — Insert with its distinction between mature and mature by noun

NON-VEGETATED CATEGORIES: (1st & last Line only)

AF ALPINE FEATURES	GL GLACIER	RO ROCK/RUBBLE
BE BEACH	LA LAKE	SI SNOW/ICE
BI BARE SOIL	LB LAKE AND STREAM	SL SALT FLAT
BL BOULDER	LS LAKE SHORE	TA TALUS
CB CLIFF/BLUFF	MU MUD	TZ TUNDRA
EL ESKER	RE RIVER	UR URBAN
GB GRAVEL BAR	RI RIVER SHORE	

NON-FOREST / NON-PRODUCTIVE DESCRIPTORS (1st & last Line only)

AF ALPINE FOREST Tundra	MRSH NON-PRODUCTIVE BRUSH	TZ TUNDRA
BRUSH NON-PRODUCTIVE BRUSH	NPBR NON-PRODUCTIVE BRUSH	UR URBAN
CU CULTIVATED	NPBRT NON-PRODUCTIVE BRUSH - Tundra	WATER WATER
DEBRIS DEBRIS	OPEN OPEN	WETLAND WETLAND
GRASS GRASS	OPENG OPEN GRASS	WMEA WATER MEADOW
MEADOW MEADOW	OPENS OPEN SHRUB	

Line 6 - Disturbance History

Disturbance codes are entered by year(s), followed by a primary date
Print character of disturbance type designates category; refer to official code table for sub-category descriptions.

A	Animal Damage	L Logging
B	Bridge	M Mine Damage
C	Cattle and Weed Insects	N Nutrient Deficiency Injuries
D	Diseases	O Other Damage Injuries
E	Entomology	P Care and Breeding Fungal Pathogens
		S Site Preparation
		T Treatment Injuries
		U Unknown Damage
		V Wildfire Vegetation

Sample Opening History Details

Detailed Silviculture information is available on the BCGW Silviculture Activities Layer. The Ralphies available in all Mapsheet RESULTS data.

The Ministry of Forests, Mines and Lands web application "VIEWER" is available to view this and other information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for:

OPENING ID
OPENING LABELS
OPENING - PLANTING ACTIVITY
OPENING - SURVEY UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
SILVICULTURE PATCH

Overflow Labels