Vegetation Map
092H006

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source : MFLNRO - VRMIS / 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 display the vegetation resource data for the purpose of forest management planning and operations. The information portrayed may not be complete and up to date Cadastral, administrative boundaries and 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 (2015)
- Research Installations

TRIM. Base Features:
- Ice And Rivers
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf ields
- Other Lines
- Powerlines
- Pipelines
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines/Marshes - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Reference - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BEC 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 (Polygon Symbol = 10 % hatch)
- Municipal Boundary (Polygon Symbol = 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 VRMIS Polygon Number (multi-layer stand indicator (L))
3 Species Composition
ex. the most important layer is described as Fd (Douglas Fir) and the (Western Hemlock), Hw, is the second most important layer. Fd is also the leading species.
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 Vegetated Density Class (or Non-Forest/Productive Descriptor)
ex. Vegetated density class 4 (61-80%) for trees and gammoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1979

Line 1 - History Record Opening Number

Opening number used by BCGS mapsheet. 0XXX - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRMIS Polygon Number - ranging from one to nine digits
L - Multi-layer stand indicator (only if a second multi-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 4.0 dated January 2009.

NATIVE CONIFERS
- CW Cedar
- Yc Western Red Cedar
- Ce Yellow Cedar
- Cp Hybrid Cedars
- Fd Douglas Fir
- Fdc Coastal Douglas Fir
- Fdi Interior Douglas Fir
- Hw Western Hemlock
- Ba Amabilis Fir
- Bg Grand Fir
- Bl Subalpine Fir (alpine)
- Bl MEMBLOK
- Hm Mountain Hemlock
- Hw Western Hemlock
- Hxm Hybrid Mountain Hemlock Species
- Amabilis Fir
- Pw Western White Pine
- Pl Lodgepole pine/pli
- Lw Western Larch
- Lt Tamarack
- Lwa Subalpine Larch
- Pw PINE
- Pli Shore Pine
- Pyc Ponderosa Pine
- Plc Lodgepole Pine (interior)
- Pli Lodgepole Pine (coastal)
- Pfx Provenance Pine (unclear)
- Pla Shore Pine (coast)
- Pli Lodgepole Pine
- Pw Whitebark Pine
- Pa Alpine Pine
- Sb Black Spruce
- Sbw White/Black spruce
- Se Engelmann Spruce
- Sx Spruce Species
- Sw White Spruce
- Sxw Spruce x White
- Sxl Spruce x Lutz/Sitka Spruce
- Ss Sitka Spruce
- Yew Western Yew

NATIVE HARDWOODS
- Ac Aspen
- Ep Alder
- Dr Red Alder
- Ep Alder
- Ap Pacific Crab Apple
- Ep Black Cottonwood or POPULAR
- Ac Poplar
- Ac Trembling Aspen
- Act Black Cottonwood
- Ac Aspen Poplars
- Ep Alder/Poplar
- Ep ARBUTUS
- Ep Garry Oak
- Ep BIRCH
- Ep Paper/Water Birch
- Ep Alaska x Paper Birch hybrid
- Ep Cascara (Cascara Species)
- Ep Paper Birch
- Ep Water Birch
- Ep Cascara
- Ep DOGWOOD
- Ep Pacific Dogwood (western flowering)
- Ep Hardwood
- Ep Rocky Mountain Maple
- Ep Maple
- Ep Vine Maple
- Ep MOUNTAIN ASH
- Ep Sitka Mountain Ash
- Ep Pacific Willow
- Ep Willow Species
- Ep Pacific Willow (Scouler's)
- Ep Hardwood (grey leaved)
- Ep Willow Species
- Ep Sitka Willow (tree-leaved)

UNKNOWN - OTHER
- Ep unknown broadleaf
- Ep unknown conifer
- Ep unknown hardwood
- Ep other broadleaf (BL)
- Ep other hardwood

EXOTICS
- Ep APPLE
- Ep ASPEN, BLACK COTTONWOOD or POPLAR Species
- Ep Siberian Cottonwood
- Ep European Birch
- Ep Black Cottonwood
- Ep Yellow Birch
- EXOBRY
- Ep Exotic Poplars
- Ep HYBRID
- Ep Hybrid Larch
- Ep FIR (Balsam)
- Ep Grand x Amabilis Fir
- Ep Noble Fir
- Ep Douglas Fir
- Ep Hybrid Fir
- Ep Siberian Larch
- Ep Tamarack Larch
- Ep Siberian Larch
- Ep Larch
- Ep Alpine Larch
- Ep Sycamore Maple
- Ep Maple
- Ep English Oak
- Ep White Oak
- Ep Pedunculate Oak
- Ep Hybrid Oak
- Ep Scots Pine
- Ep Corsican Pine
- Ep Austrian Pine
- Ep Mountain Pine
- Ep Ponderosa Pine
- Ep Oregon Ash
- Ep Ash Species
- Ep Tamarack Hybrid
- Ep Tree of Heaven
- Ep Exotic Conifer
- Ep PINE
- Ep Monterey Pine
- Ep Red Pine
- Ep Scots Pine
- Ep SPRUCE
- Ep Norway Spruce

Line 4

4a. AGE CLASS

	Years (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 +

4a SITE INDEX
Site index curves are the easiest meta reference at 50 years. Breast height age is the number of years at breast height of the leading species. When an accurate SI cannot be obtained from age and height measurements, other methods may be used.

4b. HEIGHT CLASS

	Metres (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 27.4
4	27.5 - 37.4
5	37.5 - 48.4
6	48.5 - 65.4
7	65.5 - 84.4
8	85.5 +

4c. CROWN CLOSURE CLASS

	Crown Closure (percentage)
1	0 - 5
2	6 - 10
3	11 - 25
4	26 - 40
5	41 - 60
6	61 - 75
7	76 - 90
8	91 - 100

4d. ESTIMATED SITE INDEX
Site index curves are the easiest meta reference at 50 years. Breast height age is the number of years at breast height of the leading species. When an accurate SI cannot be obtained from age and height measurements, other methods may be used.
(example: If Associated Note in the data base are in inventory, "Leading Species SI 50 Meters" is entered)

Line 5 - Vegetation records

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

NON-TREED SHRUBS
- SH SHRUB - ALL
- SHRUB - LOW

shrub with average shrub height 1 or ½ to two metres.
shrub with average shrub height ½ two metres

NON-TREED HERB
- HE HERBS - ALL
- HERB - GRAMINOIDS

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

NON-TREED BRYOID
- BR BRYOID - ALL
- BRYOID - MOSS
- BRYOID - LICHENS

bryoid with no distinction between mosses and lichens by cover.
bryoid with mosses >bryoids, and lichens <50% of the bryoid cover.
bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES - (for N and I records)

BE	BEACH	LA	LAKE
BL	BOULDERFIELD	LI	LICHEN
BU	BUSHROCK	LL	LANDING
BA	BURNED AREA	LS	POND or LAKE SEDIMENTS
CL	CLIFF/CAVE	MU	MUSKEG
CU	CULTIVATED	NE	NEVE/SNOW
CS	CUTBANK/SLIDE		
GR	GRAVEL PIT	OR	OPEN RANGE
GL	GLACIER	RI	RIVER
IS	ISLAND		

Note: Water categories are for non-forested over the polygon coverage

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

A	ALPINE	NP	NON-PRODUCTIVE BRUSH
B	BRUSH/FOREST Species	NPB	NON-PRODUCTIVE BRYOID
C	CULTIVATED	NPBG	NON-PRODUCTIVE BURN
D	DEBRIS/TALUS	NPG	NON-PRODUCTIVE GRASS / Species
G	GRASS/MEADOW	NPH	NON-PRODUCTIVE HERB
GR	GRAVEL PIT	OR	OPEN RANGE
M	MARSH	R	ROCK
S	SEEDLING	SAND	SAND
		SOIL	SOIL/CLAY
		URBAN	URBAN

NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NCR	NON COMMERCIAL ROCK
NF	NOT SUFFICIENTLY RESTOCKED
NP	NOT Primary Productive

NON VEGETATED:
- e Exposed Land
- r Rock Outcrop
- w Snow / Ice

Non-Vegetated Categories - (for I records)

BE	BEACH	ms	RUBBLE MINE SPOILS
BU	BUSHROCK	SI	SILT
CL	CLIFF/CAVE	ST	STUMPS
GL	GLACIER	SN	SNOW COVER
IS	ISLAND	WI	WIND THROW
		WS	WASTE SITE

RE	RESERVOIR MARGIN		
RA	RAILWAY SURFACE		
RO	ROAD SURFACE		
AP	AIRPORT SURFACE		
TA	TALUS		
TU	TUNDRA		

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by earliest date
For more detail on disturbance type descriptions category, refer to official code list for sub-category descriptions

A	Animal Damage		
B	Wildfire	L	LOGGING
C	Cone and Seed Insects	M	Wild Damage
D	Disease	N	Human Injuries
E	Unknown	O	Core and Seedling Fungal Pathogens
	Insects		

		S	Site Rehabilitation
		T	Treatment Injuries
		U	Undetermined
		V	Product Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either MS* or ArcMap. The MapView example is of themed RESULTS data.

MAPVIEW is available on Intranet Stores 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 :

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

Overflow Labels