Vegetation Map
082L025

Province of British Columbia
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 - VRIMS / 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 on a computer screen or printed on a plotter at various scales and resolutions. Because of this, the information contained may not be complete when enlarged or cut to size. Contact us, 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
- Sensitive Opening in Vegetation
- Permanent Sample Plot (SYS)
- Research Installations

TRIM - Base Features:
- 4x4 Trail Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Rail Yards
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolines/Canals - ESM
- Waterbodies - ESM
- Waterbodies - ESM
- Wetland - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region Boundary
- Resource District Boundary - FADM
- BEC Regions Competition - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tenures
- Municipal boundary (1:1,000,000 for - 10 % facets)
- Municipal boundary (1:1,000,000 for) - for no facets
- 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:

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LINE DESCRIPTION:
1 Stock/cone symbol and Opening Number:
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
    ex. the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock)
4 Age Class (1-7) and Site Class (A-X) for the most important layer
    ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.0m), crown closure class 1 (6-15%), S1 (low
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
6 Disturbance History (up to 4 disturbances) and grammcode, shrubs less that 2m.
7 Disturbance History Label - was Logged in 1979
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Line 1 - History Record Opening Number:
- opening number valid for BCGS mapsheet
- opening number has not been assigned

Line 2 - Polygon No. / Multi-layer:

VRIMS Polygon Number - ranging from one to nine digits
L Multi-layered stand is separate description of each layer is available in the data base. (ie 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 4.8 dated January 2009.

NATIVE CONIFERS

Ac	Amabilis Fir
Ba	Balsam
Bg	Grand Fir
Bl	Alpine Fir
Cw	Western Red Cedar
Ep	Engelmann Spruce
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
Fdl	Fdi (Subspecies)
Fdp	Fdi (Subspecies)
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwa	Western x Mountain Hemlock hybrid
Lw	Western Larch
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Pli	Lodgepole x Jack Pine hybrid
Pw	Ponderosa Pine (yellow)
Py	Ponderosa Pine
Sb	Western White Pine
Sw	White Spruce
Sx	Spruce Hybrid
Sxl	Engelmann x Sitka
Sxw	Engelmann x White
Sxs	Sitka x Interior hybrid
Yc	Yellow Cedar
Y	Western Yew

NATIVE HARDWOODS

Ac	Black Cottonwood
Act	Act (Subspecies)
Ad	Red Alder
Ag	Alder sp.
Ai	Mountain Alder
Akb	Alder x Paper Birch hybrid
Akr	Alder x Red Birch hybrid
Ala	Alder sp.
At	Trembling Aspen
Ax	Aspen hybrid
Ay	Willow
Ba	Birch sp.
Bb	Western Paper Birch
Bbr	Paper x Red Birch hybrid
Bbs	Paper x Sweet Birch
Be	Water Birch
Bg	Grey Birch
Bl	Cascara
Br	Red Birch
Bs	Sweet Birch
Ch	Chokecherry
Dr	Red Osier Dogwood
Ep	Paper Birch
Es	Bebb Willow (sheville)
Ew	Pacific Dogwood (western flowering)
Hx	Hardwood
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Oa	Oak
Sg	Garry Oak
Sl	Sitka Alder
Sw	Sweet Willow
Wp	Pacific Willow
Wr	Peach-leaf Willow (Bebb/Sch)
Wsp	Pussy Willow (prairie form)
Wt	Willow sp. (tall shrub)
Ww	Willow Willow (low-branch)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Xs	unknown shrub
Zc	other conifer
Zh	other hardwood

EXOTICS

Ae	Norway Maple
Ag	Apple
Ap	ASPEN, COTTONWOOD or POPLAR
Ar	Russian Olive
Arb	Arb
As	Siberian Larch
Ass	Silver Birch (exempt)
Bp	Blue Spruce
Cl	CHERRY
Ch	Sweet Cherry
Cm	Mayday
Cp	Pincherry Cedar
Ct	Fir (Subspecies)
Ct	Cedar sp.
Ct	Hybrid Fir
Ct	Hybrid Larch
Ct	Hybrid Pine
Ct	Hybrid Spruce
Ct	Hybrid Tree
Ct	Tree sp.
Ct	Siberian Larch
Ct	Larch
Ke	Kwo Skwo
Mc	Hackey Maple
Mn	Manitoba Maple
Mr	Mountain Ash
Oc	Oak
Ow	White Oak
Pc	Chokecherry
Pe	Pincherry Cedar
Ph	Giant Sequoia
Pm	Mayday Cherry
Pr	European Mountain Ash
Ps	Siberian Elm (southern)
Pu	Purple Beech
Pw	Chokecherry
Py	Pincherry
Qi	Shingle-oak Hickory
Qr	Red Oak (exempt)
Qs	Japanese Walnut
Rb	Rhododendron
Pm	Mayday Pine
Pr	Red Pine
Ps	Scots Pine
Pw	White Pine
Sc	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 - 27.4
4	27.5 - 37.4
5	37.5 - 48.4
6	48.5 - 63.4
7	63.5 - 84.4
8	85.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 5
2	6 - 15
3	16 - 25
4	26 - 35
5	36 - 45
6	46 - 55
7	56 - 65
8	66 - 75
9	76 - 85
0	86 - 100

4d SITE INDEX

All SI values are to be assessed metric referenced at 50 years Breast Height Age. SI is based on the age and height of the tallest tree in the dominant layer. Site index is estimated from age and height, estimated SI is shown when no species tree SI...

4e. ESTIMATED SITE INDEX

SI is estimated when available SI is not stand present, e.g. young stands (<20yrs). It is denoted by a dash which always follows the species code (example: Fd- or Fd-). Site index is estimated True Ground and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (Sc= 4 and 1 cm+ht):

ma	MEADOW	shrub with average shrub height < 1m in two transects.	
sa	SHRUB LOW	shrub with average shrub height > two meters.	
sb	SHRUB TALL		
ra	HERB	herb with no distinction between forbs and graminoids.	
rg	HERB - GRASS	herb with forbs < 50% of the herb cover.	
rf	HERB - FORBS	herb with graminoids < 50% of the herb cover.	

NON-TREE BROAD

bs	BRYOIDS
bm	BRYOIDS - MOSS
bl	BRYOIDS - LICHENS

shrub with no distinction between incises and lichens by cover.
moss with lichens >50% of the bryoid cover.
lichens with lichens >50% of the bryoid cover.

NON-VEGETATED CATEGORIES (Sc=7 and 1 cm+ht):

ae	AIRPORT	gr	GRAVEL PIT	ms	MUSKEG SEDIMENT
bu	BUILT-UP	h	HARBOUR	mw	MUSKEG WATER
bl	BUOY/FIELD	lk	LAKE/BED	oc	OCEAN
bg	BURNED/GRASS	lr	LAKE/RES	or	ORCHARD
bf	BURNED/FOREST	mi	MINE AND ASSESSMENTS	ri	RIVER/STREAM
dc	CUT/BANK	mp	OPEN PIT MINE	rr	RIVER/STREAM
ds	DEBRIS/SLIDES	w	WORKINGS	sl	SLUDGE LAGOON
sc	SLAG/ERC				

- ms MUSKEG SEDIMENT
- mw MUSKEG WATER
- oc OCEAN
- or ORCHARD
- ri RIVER/STREAM
- rr RIVER/STREAM
- sl SLUDGE LAGOON
- rs RESERVOIR MARGIN
- sa SANDY SURFACE
- ss WATER SEDIMENTS
- sw WATER SURFACE
- ts TAILINGS
- tp TAILINGS
- ta TAILINGS

Note: Water categories (lk, rs, rr, ri) unlabelled over 40 hectares average.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Sc=7 records):

A	ALPINE	NP	NON PRODUCTIVE
C	CULTIVATED / Ryegrass	NPBR	NON-PRODUCTIVE BRUSH
D	DUST/WASH	NPDS	NON-PRODUCTIVE DESC
E	EXPOSED ROCK	NPTR	NON-PRODUCTIVE FOREST / Sparse
G	GRASS / MEADOW	NPTRS	NON-PRODUCTIVE TREE
GR	GRAVEL PIT	OR	OPEN RANGE
L	LAVA FLOW	R	ROCK
M	MOSSES	SW	SWAMP
MW	MUSKEG		

- SAND SAND
- SN SNOW/ICE
- U URBAN
- NCM NON COMMERCIAL
- NCMB NON COMMERCIAL BRUSH
- NFL NON FOREST LAND
- NFPA NOT SUITABLE/NOT RESTOCKED
- NFA NO TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by severity digit.
First character of disturbance type designates category, see full list of disturbance type codes and their sub-category descriptions.

A	Animal Damage	L	Logging
B	Birds	N	Non-Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seedling Fungal Pathogens
I	Insects		

- R Site Rehabilitation
- T Fire/Harvest Injuries
- U Damage Unknown
- V Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the SCDW utilizing either IMF or ArcMap. The MapView example is of Harvest 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 Data" to turn on display options for:

OPENINGS
OPENING LABELS
SILVICULTURE ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
SILVICULTURE FOREST COVER
WILDLIFE TREE PATCH