082L001

Ministry of Forests, Lands and Natural Resource Operations

Vegetation Map

082L001

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMD / Ownership

Base Map Source: TRIM / Syntelis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support the analytical functions of the Ministry of Forests, Lands, and Natural Resource Operations. The information contained on this map is not to be used for navigation. Administrative boundaries and the cadastral portion thereof are for reference purposes only. Legend revisions June 27/14

Lands Projected To: January 1, 2015

MAP SYMBOLOGY

Forest Inventory Feature
- Forest Vegetation Polygons
- Silviculture Opening & Vegetation
- Permanent Sample Plot - (VRI)
- Research Installations

TRIM - Base Features
- No Built Roads
- Unsurfaced Roads
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Ferry Routes
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Individual Lakes - 50K
- Watercourses - 50M
- Waterbodies - 50K
- Watercourses - 20M
- Ocean - 50M

Administrative Boundaries
- BC Provincial Boundary
- BC MFLNRO Region Boundary
- Provincial Forest Inventory - FAIB
- Min. Region Compartment - FAIB
- Provincial Forest area - FAIB
- Timber Supply Area Block - FAIB
- Tree Farm Licence - FAIB
- Local District Boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Provincial Boundary - 1:250,000 - for 1% fidelity
- Provincial Boundary - 1:20,000 - for 1% fidelity
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

DEM(s)
- BCGS Watershed Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and Forest Cover Label (L)
3 Species Composition
ex. the stand illustrated has been assessed as Fd (Douglas Fir) and Hw (Western Hemlock)
Fd 60 Hw 40 Fd is the leading species - this makes it labeled as D
ex. stand is age class 3 (81-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-10%), SI 20m
4 Site Index (SI) - ex. SI 20 is a site index of 20 meters
ex. a fork surrogate with no site index, numerous burned gray snags, shrubs less that 2m
5 Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Existing Number

opening number valid for BCGS map/sheet — opening number has not been assigned

Line 2 - Polygon No. / Multilayer

Polygon numbers are unique within a map sheet and can be nine digits.
ex. 1 - the illustrated stand is assigned a description of each layer is available in the data base. (ie. 1,2)

Line 3 - BC Tree Code List

Species Composition Symbols are labeled in their order of predominance. Major first Minor in brackets.
The following codes are based on "Tree B.C. - Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Yc	Yellow-cedar
D	DOUGLAS-FIR
F	BALSAM FIR
Fd	Douglas-fir(+)
Fa	Alpine Fir(+)
Fb	Balsam(+)
Fl	Subalpine Fir(+)
Fp	Pacific Silver Fir
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western x Western Hemlock hybrid
L	LARCH
La	Alpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Whitebark Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (Interior)
Plcu	Lodgepole Pine (Interior) x Pl
Pli	Ponderosa Pine (Yellow)
Pm	Mountain Pine
Pmi	Western White Pine
Pmr	Whitebark x Western White Pine
Pp	Bristle Cone Pine
Pw	Western White Pine
Py	Yellow Pine
S	SPRUCE
Sa	Engelmann Spruce
Se	Sitka Spruce
Sw	White Spruce
Sxe	Engelmann x Sitka Spruce hybrid
Sxl	Engelmann x White Spruce hybrid
Sxs	Sitka x White Spruce hybrid
Y	YEW
Yp	Pacific Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	ALDER
A	ASPEN, COTTONWOOD or POPLAR
At	ASPEN
Act	Aspen x Balsam hybrid
Ac	Balsam Poplar
Acx	Hybrid Poplars
Ax	Black Cottonwood
At	Trembling Aspen
B	BIRCH
Bp	Paper Birch (Cdn)
Bpc	Paper x Figure Birch hybrid
Bpi	Paper Birch (white)
Bg	Water Birch
Bl	BIRCH
E	ELM
Ec	Common Elm
Ew	Rock Elm
G	GARRY OAK
Gb	Garry Oak (broadleaf flowering)
M	MAPLE
Mb	Bigleaf Maple (Pacific)
Mv	Vine Maple
O	OAK
Og	Garry Oak
Or	Red Oak
Ow	White Oak
Owb	White Oak (broadleaf flowering)
Ob	Pacific Madrone (Pacific)
Wb	Pacific Willow (Black)
Wp	Pacific Willow (Pacific)
Wy	Willow

UNKNOWN - OTHER

U	UNKNOWN
Un	Unknown hardwood
Uc	Unknown coniferous
Z	OTHER (deciduous tree)
Zc	OTHER (conifer)

EXOTICS

AP	APPLE
Ax	Apple sp.
AT	ASPEN, COTTONWOOD or POPLAR
Ae	Aspen x Cottonwood hybrid
Bm	BIRCH
Bmr	Red Alder Birch
Bmw	Water Birch (Asiatic)
CH	CHERRY
Cht	Bird Cherry
Chm	Mazzard Cherry
FR	FIR (Exotic)
Fg	Grand Fir (Exotic)
Fn	Noble Fir
Fnk	Nikaido Red Fir
Fr	Red Fir
LA	LARCH
Lk	Japanese Larch
Ls	Siberian Larch
MA	MAPLE
Mn	Norway Maple
Mnr	Norway Maple Red Leaf
Mp	Sycamore Maple
OA	OAK
Oc	Pyramid Oak
Oe	English Oak
OTHER EXOTICS	
Ch	Chestnut (Exotic)
Cht	Horse Chestnut
Cp	Cedars Atlas/Deodar
Cpl	Cedars Blue Atlas/Deodar hybrid
Cpn	Cedars Deodar/Deodar hybrid
Dg	Dragon Ash
Ds	Dawn Redwood
Dw	Douglas-fir (Exotic)
Ja	Japanese Walnut
Jr	Red Cedar
Jv	Veronica Tree
Pa	Paper Birch
Pn	Nepal Pine
Pw	White Pine
Ps	Scots Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	0-20
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 - 28.4
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	LIMITS (percentage)
1	0 - 5
2	6 - 10
3	11 - 25
4	26 - 40
5	41 - 60
6	61 - 80
7	81 - 90
8	91 - 95
9	96 - 100

4d SITE INDEX

SI (in meters) is the expected mature whitewood yield in cubic meters per hectare per year at culmination of mean annual increment. Site index is determined by the use of site curves for a species from stem analysis of dominant trees.

4e. ESTIMATED SITE INDEX

If a site index/curve cannot be determined, e.g. in immature stands, a site index may be estimated by the use of ecological information. Estimated site index is recorded in the same manner as site index.

Line 5 - Vegetation records

VEGETATED & NON-TREE CATEGORIES (for V and Low-sc)

Sp	SHRUB TALL
Sc	SHRUB SHORT
Sd	SHRUB DWARF
Hg	HERBS GRAMINOID
Hf	HERBS FORB
Hm	HERBS MOSS
Hl	HERBS LICHEN
Ss	SPARSE - WOOD
Sh	SPARSE - HERBS

- shrub with average stem height > or = to 4m makes
- shrub with average stem height < 4m makes

NON-TREED AREA

Rk	ROCK
Rs	ROCK - CANAL
Rb	ROCK - BOULDERS
Rc	ROCK - GRAVEL
Rr	ROCK - RUBBLE
Rz	ROCK - SCREE
Rt	ROCK - TALUS
Rv	ROCK - VOLCANIC
Rm	ROCK - MISC
Rx	ROCK - COMBINATION
Rp	ROCK - PAVEMENT
Rg	ROCK - GRAVEL PIT
Ru	ROCK - UNDIFFERENTIATED
Ri	ROCK - INTRUSIVE
Rl	ROCK - LAVA
Rw	ROCK - WORKED
Rq	ROCK - QUARRY
Rf	ROCK - FLOW
Rd	ROCK - DUNE
Rn	ROCK - NATURAL EXPOSURE
Rh	ROCK - HOODOOS
Rr	ROCK - RUBBLE
Rc	ROCK - CLIFF