092G050

Vegetation Map
092G050

Province of British Columbia
Ministry of Forests, Lands and Natural Resource Operations

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometres

0 0.25 0.5 Miles

Vegetation Data Source: MPLNRO - VRMS© 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 specific paper size and to a specific scale. Modifying the scale or paper size may result in illegible text or text that is not to scale and up to date. Cutblock, administrative boundaries and the Crane Imp colour theme are for reference purposes only. (Legend iteration June 2014)

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM - Base Features:
- Built Areas
- Forest Service Road Lines
- Paved Roads
- Gravel Roads
- Trails/Cutlines
- Railways
- Ski Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MLNRO Region boundary
- Resource District boundary - FADM
- BC Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrain
- Municipal boundary (> 1:500,000 No. > 10% holds)
- Municipal boundary (< 1:500,000 No. > no holds)
- 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 1 DESCRIPTION
1 Polygon Number and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
4 Age, Height, Crown Closure Class Codes - separator - Site Index - separated by /
ex. stand is age class 2 (21-40 yrs), height class 1 (3.1-10.4m), crown closure class 1 (6-19%), SI 20m
5 Site Index Curve Number - separator - Site Index Estimate
ex. a herb polygon with no distinction between forbs and graminoids, shrubs less than 2m.
6 Disturbance History & year - ex. Logged in 1978

Line 1 - History Record Opening Number:
opening number valid for BCGS mapsheet
none — opening number has not been assigned

Line 2 - Polygon No. / Multi-layer:
VRMS Polygon Number - ranging from one to nine digits
L Multi-layered stand (a separate description of each layer is available in the data base, i.e. 1.2)

Line 3 - BC Tree Codes 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 Codes List" version 4.5 dated January 2009.

NATIVE CONIFERS

BG	BIGLEAF MAPLE
C	CHERRY, Other
CW	WESTERN WHITE CEDAR
Ep	ENGELMANN SPRUCE
Fd	DOUGLAS-FIR
Fdi	Douglas-fir Interior FD
Fdc	Inland Douglas-fir FD
F	FIR (Balsams)
Fa	Amabilis Fir
Fg	Grand Fir
Fl	Alpine Fir (Lowland)
HM	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jc	Rocky Mtn. Juniper
Jr	Juniper
LW	LARCH
Lt	Tamarack
Lw	Western Larch
P	PINE
Pa	Lodgepole Pine (Alpine)
Pl	Lodgepole Pine (Interior)
Pli	Lodgepole Pine (Interior)
Plc	Lodgepole Pine (Coastal)
Pj	Jackpine (Pine Lodgepole)
Pm	Mountain Pine Beetle
Pw	Western White Pine
Py	Ponderosa Pine
S	SPRUCE
Sb	Black Spruce
Se	Englemann Spruce
Sw	White Spruce
Sx	White Spruce
Sxl	Lutz Spruce
Sxe	Englemann x White
Sxs	Sitka x White
Sxw	White x Unknown hybrid
Y	YEW
Yc	Western Yew

NATIVE HARDWOODS

A	ALDER
D	DRYAS
Dr	Red Alder
Ds	Sitka Alder
Dw	WHITE, CUTTONWOOD or POPLAR
Ep	Paper
Ept	Trembling Aspen
Epb	Black Cottonwood
Ai	Hybrid Poplars
Ax	Balsam Poplar
E	WILLOW
Ea	Scouler's Willow
B	BIRCH
Bp	Paper Birch
Bpr	Alaska x Paper Birch hybrid
Bpk	Paper Birch (white)
Bg	Gray Birch
K	OAK/ARBUTUS
Kc	Cascara
Kg	Garry Oak
Kr	Bitter Cherry
Kw	Pacific Dogwood
Vp	Pin Cherry
Vs	Saskatoon
Vv	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
O	OAK
Gg	Garry Oak
R	ROWAN
Rm	Sitka Mountain Ash
Rw	Pacific Willow
Rh	Hooker's Willow (Bentzbit)
Rp	Pussy Willow (grey leaved)
Rs	Scouler's Willow
Rt	Trembling Aspen (aspen)

UNKNOWN - OTHER

F	UNKNOWN
Fh	Unknown Hardwood
Fs	Unknown Softwood
Z	OTHER (Deciduous)
Zc	Cottonwood
Zx	other Deciduous

EXOTICS

AP	APPLE
Ax	Apple
AC	ASPEN, COTTONWOOD or POPLAR
Ax	Hybrid Cottonwood
Ep	European Birch
Epk	Asian White Birch
Ew	Yellow Birch
EW	WHITE
Ew	Silver Poplar
CY	CYPRESS
Cy	Monterey Cypress
FB	FIR (Balsam)
Fb	Nobel Fir
Fn	NORWAY
Fn	*Sitka/Red FD
Fnx	*Sitka x Spruce
LA	LARCH
Lk	*Siberian Larch
Lx	*Hybrid Larch
PI	PINE
Pc	*Corsican Pine
Pn	*Norway Maple
Pnm	*Japanese Maple
OA	OAK
Qa	*English Oak
Qb	*Red Oak
OTHER DECIDUOUS	
Dl	*Black Locust
Dg	*Giant Sequoia
Dm	*Dawn Redwood
Dp	European Mountain Ash
Dr	Sitka Mountain Ash
Dw	*Western Redcedar
Cr	Crabapple
Dt	*White Ash
Dx	*Unknown Hybrid
Dy	*Tree of Heaven
Dz	*Other Deciduous
PINE	
Pa	*Monterey Pine
Pp	*Red Pine
Pu	*Bigge Pine
Pw	*White Pine
Px	*Hybrid 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 - 34.4
5	34.5 - 40.4
6	40.5 - 46.4
7	46.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 5
2	6 - 19
3	20 - 29
4	30 - 39
5	40 - 49
6	50 - 59
7	60 - 69
8	70 - 79
9	80 - 100

4d SITE INDEX
SI is an estimate of the dominant trees' average height at 50 years. Breast Height Age - SI is based on the age and height of the dominant trees at breast height. Total Age - SI is based on the age at which trees germinate. Site Index is estimated SI is shown after an estimate.

4e. ESTIMATES SITE INDEX #
SI is estimated when evidence of site index is not present, e.g. young stands (<30yrs). SI is derived by a table which shows average site index for a biogeoclimatic unit. Site Index Source and SI Estimated source codes.

Line 5 - Vegetation records:

MOST RATED NON-TREE CATEGORIES. (for V and I combi)

NON-TREED SHRUB
- SC SHRUB, Tall — shrub with average shrub height > or = to two metres.
- S SHRUB, Low — shrub with average shrub height < two metres.

NON-TREED HERB
- H HERB — herb with no distinction between forbs and graminoids.
- HG HERB - GRAM — herb with forbs < 50% of the herb cover.
- HF HERB - FORB — herb with graminoids < 50% of the herb cover.

NON-TREED MOSS
- M MOSSES — Vascular with no distinction between mosses and lichens by cover.
- L LICHEN, MOSS — Vascular with lichens > 50% of the total non-tree ground cover.
- ML LICHEN - LICHEN — Vascular with lichens > 50% of the total cover.

NON TREED
- N Rock
- Water / Ice

NON-VEGETATED CATEGORIES. (for V and I combi)

BE	BEACH	mu	MUDFLAT SEDIMENT
BL	BOULDERFIELD	mv	RUBBLY MINE SPOIL
BU	BUCKEYE/LD	OC	OCEAN
BY	BUCKEYE/SCARCE	OT	OTHER
SU	SUMMIT AREA	RE	RIVER/ESTUARY
SN	PERMANENT SNOW & ICE	RI	RIVER - STREAM
TA	TAYLOR SOILS		

RS	RESERVOIR MARGIN
SA	SALINA/SURFACE
SE	WATER SEDIMENTS
SH	SHORELINE
TA	TALUS
TZ	TIDAL ZONE
U	URBAN

NON-FOREST / NON PRODUCTIVE DESCRIPTOR CODES (for F / wetcrds)

AF	ALPINE FOREST Nonvrs	MNR	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPBR	NON PRODUCTIVE BURN
D	DEBRIS	NPD	NON PRODUCTIVE Deciduous Species
G	GRASS, BUSH	NPL	NON PRODUCTIVE/UNKNOWN
GL	GLACIER	NPM	NON PRODUCTIVE
KE	KEEFIELD	P	HAYFIELD
MU	MUSKEG	R	ROCK
MUG	MUSKEG - G	S	SWAMP

SAND	SAND
TOU	TOUR, FLAT
URBA	URBAN
NC	NON COMMERCIAL
NCB	NON COMMERCIAL BRUSH
NP	NON PRODUCTIVE
NPR	NON PRODUCTIVE RESTRICTED
NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History:
Disturbance type code is preceded by symbol, followed by earliest date
For a complete list of disturbance types and mapping, refer to official code list for sub-category descriptions.

A	Animal Damage	L	Logging
B	Wildfire	M	Mine Damage
C	Cone and Seed Insects	N	Non Biological Agents
D	Diseases	P	Cone and Seedling Fungal Pathogens
	Trees		

S	Site Prep/Mechanical
T	Treatments Unknown
U	Damage Unknown
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW as a separate theme. The Map View example is offered as a RESULTS theme.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE role then click on "Display Silviculture Map" to turn on display values for -

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

092G089 092G060 092H051 092H041 092G049 092G050 092H052 092G039 092G040
10-3F 10-3G 10-3E 10-3C 10-3D
9-5 9-4 9-3
Chilliwack Natural Resource District
NEW WESTMINSTER DISTRICT
Hwy 1 (TCH) & BNSF Line

Overflow Labels

092G050