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

Vegetation Map
082L.007

Scale: 1:20,000

0 0.25 0.5 0.75 1 Kilometers
0 0.25 0.5 1 Miles

Vegetation Data Source: MFLNRO - VRMO - Ownership
Base Map Source: TRIM / Terrain

Vegetation data is derived from orthophoto digitals in the BC Digital Ignite Warehouse. The map has been structured 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to date (cultural, administrative boundaries and the Ownership colour the are derived from various sources and may be outdated 2010).

Labels Prepared for: January 1, 2010

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Silviculture Opening or Vegetation
- Permanent Sample Plot (PSP)
- Research Installations

TRIM Base Features:
- Land Mass
- Forest Service Road Lines
- Paved Roads
- Gravel Roads
- Trails/Cutlines
- Railways
- Wharf and Jetty
- Cable Way
- Powerline
- Pipeline
- Buildings
- Misc. Areas
- Misc Lines
- Water Areas
- Hydro/Miscellaneous - 1:50K
- Watercourses - 1:50K
- Watercourses - 1:20K
- Wetlands - 1:50K
- Ocean - 1:50K

Administrative Boundaries:
- BC Provincial Boundary
- Forest Region Inventory
- Resource District Inventory - FAIB
- MoT Region Configuration - FAIB
- Provincial Electoral Areas - FAIB
- Timber Supply Area Blocks - FAIB
- Tree Farm Licenses - FAIB
- Land Claims Boundary
- Cutblock Administration
- Survey Parcels - Surveys
- Municipal Boundaries (1:250,000 or 1:1 Million)
- Municipal Boundaries (1:1,000,000 or 1:2 Million)
- 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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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
1 - SILVICULTURE SYSTEM
2 - SILVICULTURE SYSTEM GRADE
3 - SILVICULTURE SYSTEM MODIFIER
4 - SILVICULTURE SYSTEM NUMBER
5 - SILVICULTURE SYSTEM PURPOSE
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Line 1 - History Record Opening Number

opening number is used to identify a specific opening/cutblock

0000 - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

Polygon number is used to identify a specific polygon and can be one to four digits.

No polygon number or a separate description of each layer is available in the data base, i.e. 1.2).

Line 3 - BC Tree Codes List

Species Composition Tree codes are entered 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 4.0 dated January 2009.

NATIVE CONIFERS

D	DOUGLAS FIR
Y	YELLOW CEDAR
C	WESTERN RED CEDAR
H	HEMLOCK
B	BALSAM
F	BALSAM FIR
AT	ALPINE FIR
PW	PACIFIC WHITE PINE
PA	WHITEBARK PINE
PL	LODGEPOLE PINE
PJ	JACK PINE
PF	LIMBER PINE
PY	PONDEROSA PINE
PS	SCOTS PINE
PR	RED PINE
PM	MONTEREY PINE
PC	CONTORTA PINE
PI	AUSTRIAN PINE
PX	JEFFREY PINE
PP	PINE SPECIES
SE	SITKA SPRUCE
SW	WHITE SPRUCE
SS	SPRUCE SPECIES
LW	WESTERN LARCH
LA	ALPINE LARCH
LT	TAMARACK
LY	SUBALPINE LARCH
YC	ALASKA YELLOW CEDAR
YP	LOGGED PACIFIC YEW
YY	LOGGED YEW SPECIES
PG	ROCKY MTN. DOUGLAS FIR
PZ	ROCKY MTN. WHITE PINE
PE	ENGELMANN SPRUCE
SX	ENGELMANN SPRUCE X WHITE SPRUCE
SA	SUBALPINE FIR
SB	BLUE SPRUCE
SZ	SPRUCE X WHITE
CP	COASTAL PINE
IC	INTERIOR CEDAR
JR	ROCKY MTN. JUNIPER
JS	SCOPULARUM JUNIPER
JV	VIRGINIANA JUNIPER
JD	UNSPECIFIED JUNIPER
JU	UNSPECIFIED JUNIPER
JH	HORIZONTALIS JUNIPER
JC	COMMUNIS JUNIPER
JF	FLAXIFOLIA JUNIPER
JP	PINCHOTII JUNIPER
JM	MONOSPERMA JUNIPER
JO	OCCIDENTALIS JUNIPER
JJ	JUNIPER SPECIES
TB	BRITISH COLUMBIA YEW
TW	WESTERN YEW

NATIVE HARDWOODS

D	ALDER
A	RED ALDER
AC	ALDER SPECIES
E	ASPEN, COTTONWOOD or POPLAR
AT	TREMBLING ASPEN
AX	ASPEN HYBRID
AW	BLACK COTTONWOOD
AH	BALSAM POPLAR
AB	BLACK POPLAR
AP	POPLAR SPECIES
B	BIRCH
EP	PAPER BIRCH
EB	BIRCH SPECIES
Ep	PAPER BIRCH hybrid
Eb	BIRCH hybrid
K	WILLOW
KC	COASTAL
KS	SCOULER
KB	BIGLEAF
KW	WILLOW SPECIES
M	MAPLE
MB	BIGLEAF MAPLE
MV	VINE MAPLE
MA	MAPLE SPECIES
G	GARRY OAK
GB	BLACK OAK
GG	GARRY OAK
GS	OAK SPECIES
R	ARBUTUS
RA	ARBUTUS
Q	GARRY OAK
QG	GARRY OAK
QS	OAK SPECIES
Z	UNKNOWN HARDWOOD
ZH	HARDWOOD
ZS	SHRUB
ZC	COMMON SHRUB
ZT	TREE SPECIES
ZV	OTHER VEGETATION
ZL	LAND COVER
ZW	WATER

EXOTICS

AP	POPLAR HYBRID
AE	ASPEN, COTTONWOOD or POPLAR
BE	BIRCH (Ornamental)
BP	BIRCH
CB	CARAGANA SHRUB
CT	CRAB APPLE TREE
DF	DOUGLAS FIR
EA	EUROPEAN ASH
EC	EUROPEAN LARCH
EL	EUROPEAN LARCH
FB	FIR (Balsam)
FC	FIR (Grand)
FG	GRAND FIR
HA	HORSE CHESTNUT
HC	HEMLOCK
HE	HEMLOCK
HW	WESTERN HEMLOCK
LC	LARCH
LE	EUROPEAN LARCH
LL	LARCH
LP	JAPANESE LARCH
LS	SIBERIAN LARCH
MA	MAPLE
MO	NORWAY MAPLE
MP	PLANE TREE
MS	SYCAMORE MAPLE
OA	OAK
PA	PONDEROSA PINE
PB	PINE (Austrian)
PC	PINE (Contorta)
PD	PINE (Scots)
PE	PINE (Ornamental)
PF	PINE
PH	JAPANESE RED PINE
PJ	JAPANESE BLACK PINE
PN	PINE
PO	PONDEROSA PINE
PP	PINE
PQ	JAPANESE WHITE PINE
PR	RED PINE
PS	SCOTS PINE
PT	PINE
PW	WHITE PINE
PY	PONDEROSA PINE
SB	BLUE SPRUCE
SE	SPRUCE
SN	NORWAY SPRUCE
SP	SPRUCE
SS	SITKA SPRUCE
SW	WHITE SPRUCE
WA	WALNUT
WB	BLACK WALNUT
WC	CHERRY
WP	PURPLE LEAF PLUM
WT	TREE FRUIT
YH	HEMLOCK
YP	PACIFIC YEW
YY	YEW SPECIES
ZC	COMMON SHRUB
ZF	FRUIT TREE
ZH	HARDWOOD
ZO	OTHER TREE
ZP	PINE
ZS	SHRUB
ZT	TREE SPECIES
ZV	OTHER VEGETATION
ZW	WATER

UNKNOWN - OTHER

U	UNKNOWN
UC	UNKNOWN CONIFER
UD	OTHER DECIDUOUS
UH	UNKNOWN HARDWOOD
UN	UNKNOWN
UP	UNKNOWN PINE
US	UNKNOWN SPRUCE
UT	UNKNOWN TREE
UU	UNKNOWN
UV	UNKNOWN VEGETATION
UW	UNKNOWN WOOD
UY	UNKNOWN YEW
ZZ	UNKNOWN

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 - 13.4
3	13.5 - 19.4
4	19.5 - 22.4
5	22.5 - 25.4
6	25.5 - 28.4
7	28.5 - 31.4
8	31.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 5
2	6 - 10
3	11 - 15
4	16 - 20
5	21 - 25
6	26 - 30
7	31 - 35
8	36 - 40
9	41 - 45
A	46 - 50
B	51 - 55
C	56 - 60
D	61 - 65
E	66 - 70
F	71 - 75
G	76 - 80
H	81 - 85
I	86 - 90
J	91 - 95
K	96 - 100

4d. SITE INDEX

Site productivity. An overall name referenced at 50 years. Site productivity is the average height of dominant trees having specified. When an average is derived as described in the Site Index Procedures Manual, it is expressed to one decimal.

4e. ESTIMATED SITE INDEX

Estimated Site Index is the estimated site productivity at 50 years. Estimated Site Index is derived from site phase or directions if Associated Notes in the data base are to convey Site Index information not derived from procedure.

Line 5 - Vegetation Cover

VEGETATED NON-TREE CATEGORIES - Herb and Low-shrub

NON-TREED HERBS

H	HERBS (ALL)
HF	FORBS
HG	GRAMINOIDS
HM	MIXED FORBS AND GRAMINOIDS

NON-TREED SHRUB

S	SHRUB (ALL)
SB	BROADLEAF
SC	CONIFER
SM	MIXED BROADLEAF AND CONIFER

shrub with average stand height <= to 4.0 metres.
shrub with average stand height > than metres.

herb with no distinction between forbs and graminoids.
herb with forbs > than graminoids.
herb with graminoids > than forbs.

NON-VEGETATED

R	Exposed rock
RS	Rock / Soil
T	Snow / Ice

NON VEGETATED CATEGORIES - Barren and Impervious

BE	EXPOSED EARTH	BI	BUILDING	AP	RESERVOIR AND/OR
BR	ROCK	BL	LANDING	AC	INDUSTRIAL/MINE SITE
BS	BOULDERFIELD	BM	MINE	AD	RECREATION SITE
BC	CLIFF/TALUS	BA	LANDING/ROAD/RAIL GEOMETRY	AR	ROAD SURFACE
BA	ALPINE/SUBALPINE	BG	GRAVEL PIT AREA	AT	TRAIL SURFACE
BM	EXPOSED SOIL	BC	MISCELLANEOUS	AP	OTHER

Note: these categories can be further refined over the second survey.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for 2 nd survey)

A	ALPINE	NP	NON PRODUCTIVE
AF	ALPINE FIR/KRUMMHOLZ	NPB	NON PRODUCTIVE BRUSH
AT	ALPINE TUNDRA	NPC	NON PRODUCTIVE CLOSED FOREST
D	DESERT	NPO	NON PRODUCTIVE OPEN FOREST
DG	GRASS / SAGE	NPT	NON PRODUCTIVE TREED
DS	SAGE	NPW	NON PRODUCTIVE WOODLAND
E	ESTUARY	NSR	NON SOIL
M	MARSH	NSRT	NON SOIL TYPING
MU	MUSKEG		

NAV	NAVAID
NC	NON COMMERCIAL
NCR	NON COMMERCIAL RECREATION
NF	NON FOREST
NFL	NON FOREST LAND
NFLT	NON FOREST LAND TYPING
NFT	NON FOREST TYPING
NFTA	NON FOREST TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceded by symbol followed by earliest date

Disturbance codes are grouped by damage category. Refer to Forest Health field guide for damage agent codes.

A	Animal Damage	I	Insects
B	Birds	M	Miscellaneous
D	Diseases (Tree)	W	Wind Damage
E	Environmental	X	Fire and Logging Injuries
		Y	Core and Seedling Fungal Pathogens
		Z	Any Forest Damage
		T	Treatment Injuries
		U	Unknown Injuries
		V	Human Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCOM Silviculture Data Base (SDB). The Map Data Available is at Present EXCELTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the EXCYCLOTURE tab then click on 'Display Silviculture' to turn on display values for:

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

Overflow Labels