082N007

Vegetation Map
082N007

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

Disclaimer: This map is produced to assist in the identification of cutblocks 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 portrayed may not be complete and or up to date Cut-block, administrative boundaries and the Ownership colour theme are the reference purposes only. Legend versions June 2013

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

Forest Inventory Factors:
- Forest Vegetation Polygons
- Denuded Opening + Vegetation
- Permanent Sample Plot (SYU)
- Research Installations

TRIM, Base Features:
- Ice And Rivers
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Built areas
- Other lines
- Powerline
- Pipeline
- Buildings
- Mine Areas
- Misc Lines
- Water Lines
- Hydroboundaries - 50M
- Watercourses - 50M
- Waterbodies - 50M
- Wetlands - 50M
- Ocean - 50M

Administrative Boundaries:
- Int. 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 - Terrains
- Municipal boundary (1:1,000,000 Res. 10 % facet)
- Municipal boundary (1:1,000,000 Res. no facet)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Grid: NTS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE 1 DESCRIPTION
1 Structure symbol and Opening Number
2 Polygon Number and Inventory label indicator (L)
3 Species Composition
a.s. the most important spe is described as Fd (Douglas Fir) and the (Western Hemlock) and Cw (Western Redcedar) are the next most abundant species. Hw and Cw each
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10 Mtr), crown closure class 1 (26-10%), S1/2ds
5 Vegetated Density Class (or Non-Forest/Productive Descriptor)
6 Disturbance History (up to 4 disturbance code and grade/ends, shrubs less that 2m.
7 Disturbance History a year - ex. Logged in 1974

Line 1 - History Record Opening Number

OGR - opening number valid for BCGS mapsheet
OGR# - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - ranging from one to nine digits
L Multi-layered (and a separate inventory of each layer is available in the data base, i.e. 1.2)

Line 3 - BC Tree Code List

Species Composition Species are labeled in their order of predominance. Minor first Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2005

NATIVE CONIFERS

BG	GRAND FIR
BL	SUBALPINE FIR
CW	WESTERN REDCEDAR
DF	DOUGLAS FIR
EP	ENGELMANN SPRUCE
FD	AMABILIS FIR
HW	WESTERN HEMLOCK
LW	WESTERN LARCH
PA	WHITEBARK PINE
PF	LIMBER PINE
PL	LODGEPOLE PINE
PW	WESTERN WHITE PINE
PY	PONDEROSA PINE
SB	BLACK SPRUCE
SE	SPRUCE HYBRID (engelmann x white)
SS	SITKA SPRUCE
SW	WHITE SPRUCE
YC	YELLOW CEDAR

NATIVE HARDWOODS

D	ALDER
AC	BLACK COTTONWOOD
AT	ASPEN
A	BLACK COTTONWOOD x POPULAR
AX	POPULAR
At	Balsam Poplar
Ac	Black Cottonwood
Ax	Aspen Hybrid
Ep	Trembling Aspen
Pa	Paper Birch
Mv	Mountain Maple
Dr	Red Alder
Ep	Black Rose Birch
Bpa	Birdcle x Paper Birch hybrid
Bp	Paper Birch
Bg	Water Birch
E	Common Hackberry
Es	Saskatoon
Ep	Cascara
Hw	Hawthorn
Sh	Shiny Sumac
Ch	Choke Cherry
Pe	Pin Cherry
Ch	Choke Cherry
Ep	Bitter Cherry (western flowering)
W	WILLOW
Wp	Pacific Willow
Wb	Bebb Willow (Beaked)
Wr	Peace River (grey leaved)
Wa	Sitka Willow
Wh	Hooker Willow (Barrett)
Wy	Scouler Willow
Wp	Pacific Willow
Wb	Bebb Willow
Wr	Peace River (grey leaved)
Wa	Sitka Willow
Wh	Hooker Willow (Barrett)
Wy	Scouler Willow

UNKNOWN - OTHER

U	UNKNOWN
Ep	Unknown Conifer
Hp	Unknown Hardwood (Aspen)
U	other conifer
Hx	other hardwood

EXOTICS

AP	APPLE
AC	BLACK COTTONWOOD or POPULAR
AX	POPULAR
Ac	Black Cottonwood
BP	BIRCH
Bpe	European Birch
Bpa	Paper Birch (exotic)
Bp	Yellow Birch
Bg	Water Birch
C	Sweet Cherry
Cp	Pin Cherry
Ch	Black Cherry
Ep	Bitter Cherry
Ch	Choke Cherry
Ep	Bitter Cherry
Ma	Ash
Mb	Box Elder
Mm	Manitoba Maple
Mv	Mountain Maple
Ep	Poplar
Ep	Eastern Cottonwood
Ep	Hybrid Poplar
Ep	Lombardy Poplar
Ep	Trembling Aspen
Ep	Balsam Poplar
Ep	Black Cottonwood
Ep	Aspen Hybrid
Ep	Balsam Poplar
Ep	Black Cottonwood
Ep	Aspen Hybrid
Ep	Trembling Aspen
Ep	Paper Birch
Ep	Mountain Maple
Ep	Red Alder
Ep	Black Rose Birch
Bpa	Birdcle x Paper Birch hybrid
Bp	Paper Birch
Bg	Water Birch
E	Common Hackberry
Es	Saskatoon
Ep	Cascara
Hw	Hawthorn
Sh	Shiny Sumac
Ch	Choke Cherry
Pe	Pin Cherry
Ch	Choke Cherry
Ep	Bitter Cherry (western flowering)
W	WILLOW
Wp	Pacific Willow
Wb	Bebb Willow (Beaked)
Wr	Peace River (grey leaved)
Wa	Sitka Willow
Wh	Hooker Willow (Barrett)
Wy	Scouler Willow
Ep	Eastern White Pine
Ep	Red Pine
Ep	Scots Pine
Ep	Mugo Pine
Ep	Pitch Pine
Ep	Norway Spruce
Ep	Colorado Spruce
Ep	Hybrid Spruce
Ep	Douglas-fir
Ep	Grand Fir
Ep	Subalpine Fir
Ep	Western Redcedar
Ep	Western Hemlock
Ep	Western Larch
Ep	Yellow Cedar
Ep	Lodgepole Pine
Ep	Western White Pine
Ep	Ponderosa Pine
Ep	Limber Pine
Ep	Whitebark Pine
Ep	Alpine Larch
Ep	Tamarack
Ep	Western Larch
Ep	Pine
Ep	Lodgepole Pine
Ep	Lodgepole x Jack Pine hybrid
Ep	Jack Pine (exotic)
Ep	Shore Pine (exotic)
Ep	Western White Pine
Ep	Whitebark Pine
Ep	Pine
Ep	Black Spruce
Ep	Engelmann Spruce
Ep	White Spruce
Ep	White Spruce
Ep	Engelmann x White
Ep	Sitka Spruce
Ep	Black x white/hybrid
Ep	Spruce
Ep	Western Yew

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-120
5	121-140
6	141-250
7	251 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.0
2	10.1 - 19.4
3	19.5 - 29.4
4	29.5 - 40.4
5	40.5 - 46.4
6	46.5 - 59.4
7	59.5 - 69.4
8	69.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	1 - 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 SI INDEX
Site Index is the height in the nearest metre referenced at 50 years. Where height is 10 m based on the age and height of the leading species. Where an accurate SI cannot be obtained from the available data, a default SI value is assigned.

4e. ESTIMATED SITE INDEX
Estimated Site Index is the height in the nearest whole unit of the leading species at 50 years. Where a site index is not available, it is estimated by a qualified person, e.g. using a biogeoclimatic ecosystem classification (BEC) system. It is denoted by a slash which precedes the site index value. Estimated site index values are used for inventory purposes only and not for licensee or contractual purposes.

Line 5 - Inventory Modifiers

NON-TREE SHRUB
- sw SHRUB TALL — shrub with average shrub height > or = to two metres
- sm SHRUB MEDIUM — shrub with average shrub height < two metres

NON-TREE HERB
- hg HERB — herb with no distinction between forbs and graminoids
- hf FORBS — herb with predominantly forbs
- hm HERB - GRAMINOIDS — herb with predominantly > 50% of the cover

NON-TREE SHRUB
- sd SHRUB - MIXED — shrub with no distinction between mosses and lichens by cover
- sb SHRUB - MOSS — shrub with more than 50% moss by cover
- sl SHRUB - LICHEN — shrub with more than 50% of the shrub cover

NON VEGETATED OR DISTURBED (Non-Forest)

rs	ROCK	r	LAKE
rr	ROCKY	s	SNOW
rb	BEDROCK	l	LANDING
rc	BOULDERS	b	ROAD or LAKE SEDIMENTS
rb	BURNED AREA	d	DEBRIS - LOGGING
re	EXPOSED SOILS	w	WATER - STREAM

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Non-Forest)

A	ALPINE	MF	NON-PRODUCTIVE BROW
AF	ALPINE FOREST Species	MFBS	NON-PRODUCTIVE BROW
AT	ALPINE TREES	MT	NON-PRODUCTIVE FOR
CL	CLAY BANKS	MT	NON-PRODUCTIVE FOREST Species
GL	GLACIER	NA	NON-PRODUCTIVE MUSK
GR	GRAVEL PIT	SN	SNOW & ROCK
M	MUSKEG	SW	SWAMP
R	ROCKSLIDE	W	WATER
WD	WOOD LOT	X	DISEASE

NON VEGETATED OR DISTURBED (Non-Forest)

rs	ROCK	r	LAKE
rr	ROCKY	s	SNOW
rb	BEDROCK	l	LANDING
rc	BOULDERS	b	ROAD or LAKE SEDIMENTS
rb	BURNED AREA	d	DEBRIS - LOGGING
re	EXPOSED SOILS	w	WATER - STREAM

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (Non-Forest)

A	ALPINE	MF	NON-PRODUCTIVE BROW
AF	ALPINE FOREST Species	MFBS	NON-PRODUCTIVE BROW
AT	ALPINE TREES	MT	NON-PRODUCTIVE FOR
CL	CLAY BANKS	MT	NON-PRODUCTIVE FOREST Species
GL	GLACIER	NA	NON-PRODUCTIVE MUSK
GR	GRAVEL PIT	SN	SNOW & ROCK
M	MUSKEG	SW	SWAMP
R	ROCKSLIDE	W	WATER
WD	WOOD LOT	X	DISEASE

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by earliest date
First character of disturbance type designates category, a default code list for sub-category descriptions.

A	Animal Damage	L	Logging
C	Competition	N	Non-Biological
I	Cone and Seed Insects	P	Cone and Seeding Fungal Pathogens
D	Diseases		
T	Beetle		

R	Site Rehabilitation
S	Silviculture Activity
U	Damage Unknown
V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either 'dbf' or 'ArcMap'. The ArcMap example is illustrated in the following.

The Ministry of Forests, Mines, and Lands web application MAPPER is available to view this type of detailed information. Select the ELEVATION/TIME tab then refer to 'Display Silviculture Map' to turn on display values for -

OPENING ID
OPENING LABELS
OPENING - PLANTING ACTIVITY
OPENING - SURVEY DATE
ENHANCED LIVE
SILVICULTURE FOREST COVER
WELLS ARTESIAN PATCH

Overflow Labels

082N007