Vegetation Map
082L065

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source : MFLNRO - VRIMS'd' Ownership
Base Map Source: TRIM / Satellite

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 portrayed may not be complete and up to date Cadastral, 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
- Silviculture Opening in Vegetation
- Permanent Sample Plot (2015)
- Research Installations

TRIM_Base Features:
- Ab Built Points
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Aeff arines
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric res - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- NV Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land Claims boundary
- Administrative boundary
- Survey Parcels - Terrain
- Municipal boundary (1:1000,000 Fid - 15 % hatch)
- Municipal boundary (1:1000,000 Fid - no fetch)
- National Parks
- Parchotions
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Mapsheet Grid (1:20,000)

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon Number and Multi-layer and Inventor (L)
3 Species Composition
ex: the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock)
4 Age, Height, Crown Closure Class Code - separator : Site Index = estimated 51
ex: stand is age class 2 (21-41 yrs), height class 1 (0.1-10 mt), crown closure class 1 (5-15%), SI 20m
5 Site Series - ex: 01 is Dry Maritime Coastal Douglas-fir
ex: a herb polygon with a 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 RESULTS reporting
- opening number has not been assigned

Line 2 - Polygon No. / Multi-layer
VRIMS Polygon Number up to three one to nine digits
L Multi-layered stand ca separate description of each layer is available in the data base, i.e. 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 "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	Yellow Cedar
F	DOUGLAS FIR
Fd	Coastal Douglas Fir
Fm	Interior Douglas Fir
H	HEMLOCK
Hw	Western Hemlock
Hm	Mountain Hemlock
Hmxw	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulorum juniper
L	LARCH
La	Alpine Larch
Lw	Western Larch
P	PINE
Pa	White Pine
Pf	Limber Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (contorta)
Plx	Lodgepole x Jack Pine hybrid
Pm	Mountain Pine Ponderosa
Pli	Shore Pine (dwarf)
Pp	Ponderosa Pine
Pw	Whitebark Pine
S	SPRUCE
Sa	Alpine Spruce
Se	Engelmann Spruce
Ss	Sitka Spruce
Sw	White Spruce
Sxl	Spruce hybrid
Sxe	Engelmann x White
Sxs	Sitka x White
Sxw	Sitka x Lutea hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

A	ALDER
D	Red Alder
Sa	Sitka Alder
At	ARBUTUS
B	BIRCH
Ba	Alaska Paper Birch
Bp	Paper Birch (Alaska hybrid
Bpc	Paper Birch (white)
Bg	Water Birch
E	DOGWOOD
Ep	Pacific Dogwood
G	GARRY OAK
Gb	Brewer's Garry Oak
H	HACKMATACK
Hx	Trembling Aspen
M	MAPLE
Mb	Bigleaf Maple
Mv	Vine Maple
R	MOUNTAIN-ASH
Rm	Mountain-Ash
Ro	Oregon Mountain-Ash
W	WILLOW
Wa	Pacific Willow (Barclay's)
Wp	Pacific Willow (Hooker's)
Wr	Scouler's Willow
Wt	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Xl	unknown (Lutea hb)
Xx	other conifer
Xz	other hardwood

EXOTICS

UPX	UPAS
Ux	ASPEN
Uxt	ASPEN, COTTONWOOD or POPLAR
Ax	Northern Cottonwood
Bx	BIRCH
Ebx	European Birch
Ekx	Erect Birch (spp)
Kx	Yellow Birch
Vx	Swamp Birch
Sweet Cherry	
DOGWOOD	
Kousa Dogwood Cedar	
Fff (Subalpine)	
Tamarack Fir	
Grand Fir	
Whitebark Fir	
LARCH	
Japanese Larch	
Tamarack Larch	
MAPLE	
Norway Maple	
Paperbark Maple	
Sycamore Maple	
PINE	
Mugho Pine	
Scots Pine	
Austrian Pine	
Swiss Stone PINE	
Common Pine	
Red Pine	
White Ash	
Mongolian Oak	
Pedunculate Oak	
Japanese Stone Pine	
PINE	
Monterey Pine	
Red Pine	
Scots Pine	
Swiss Pine	
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	141-160
9	161 +

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

4d SITE INDEX
Is to be entered to the nearest meter referenced at 50 years
Site Index is the average height of the dominant trees at 50 years breast height age. Where an accurate SI cannot be obtained from existing sources, estimate SI based on site characteristics.
type should be identified in the comments field.

4e. ESTIMATED SITE INDEX
Is to be entered when suitable SI has cannot present, e.g. Site Index is estimated from site characteristics. Estimated SI should be identified in the comments field in the data base and inventory type should be identified in the comments field.
Typ Group and SI Estimated source codes

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I (or=>4))

NON-FOREST SHRUB
- w SHRUB TALL - shrub with average shrub height > or = to 2 mts.
- x SHRUB LOW - shrub with average shrub height < two meters

NON-FOREST HERB
- he HERB - herb with no distinction between forbs and graminoids.
- hf HERB - FORBS - herb with graminoids < 10% of the herb cover.
- hg HERB - GRAMINOIDS - herb with graminoids > 10% of the herb cover.

NON-FOREST BRYOID
- bs BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses forming > 50% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES (for V and I (or=>4))
- ap AIRPORT
- bl BOULDERFIELD
- bu BUCKFIELD
- br BEDROCK
- cb CONSTRUCTION
- cl CUTBANK
- cs CURRENT SNOW
- cu CURRENT ICE
- gl GRAVEL PIT
- ic ICE
- la LANDING
- ld LANDING
- ls LANDSLIDE AND SEDIMENTS
- rd OPEN PIT MINE
- rm RIVERBANK
- ro RIVERBOULDERS
- rs RIVERSHORE
- rv RIVER/STREAM
- sa SAND
- sc SCARIFIED
- sl SLIDE
- sn SNOW
- Note: three categories (ro, rv, rs) are separated over bi-variant polygs

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for I records)
- A ALPINE
- AF NON-FOREST (Spruce
- CL CLEARING
- CL CLAY BANK
- DU DUNE (SAND)
- GR GRAVEL PIT
- KE ICEFIELD
- L LAKE (WATER)
- MUD MUD FLAT
- NP NON PRODUCTIVE
- NPB NON PRODUCTIVE Brush
- NPF NON PRODUCTIVE FOREST Spurce
- OR OPEN RANGE
- P ALPINE
- R RIVER
- S SAND
- SNOW SNOW
- TA TALUS
- TU TUNDRA
- NC - NON COMMERCIAL
- NCB NON COMMERCIAL BRUSH
- NP - NON PRODUCTIVE
- NPBR NON PRODUCTIVE RESTOCKED
- NPA - NOT TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceded by symbol, followed by earliest date
Disturbance type is disturbance type interpretive category, refer to official code list for sub-category descriptions.

A	Animal Damage	R	Site Rehabilitation
B	Wildfire	S	Silvicultural Activity
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases Insects	P	Cone and Seedling Fungal Pathogens
		V	Problem Vegetation

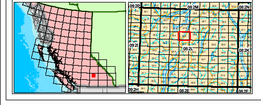
Example Opening History Details

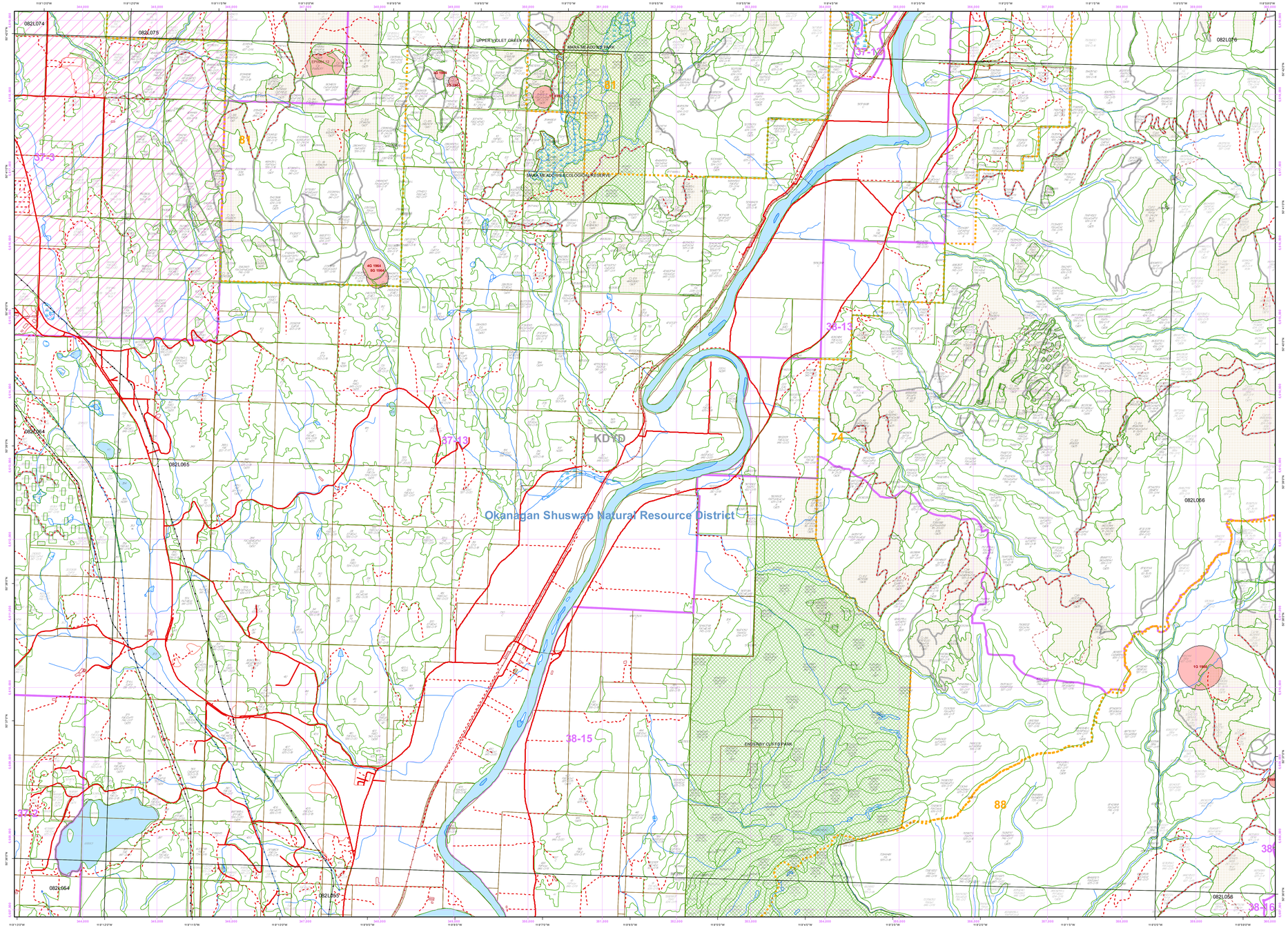
Detailed Silviculture information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is of Harvest RESULTS data.

The Ministry of Forests, Mines and Lands web application MapView can be used to view the type of Harvest information. Select the 5 ATTRIBUTE SILVICULTURE click on "Display Silviculture Map" to turn on display names for :

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







Overflow Labels