Vegetation Map
0921036

BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

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

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
- Exclusion Opening in Vegetation
- Permanent Sample Plot (CFS)
- Research Installations

TRIM_Base Features:
- 4x Built Roads
- Forest Tenure Road Links
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railroad
- Air/Fairies
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofks/Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- RIV Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Tantalis
- Municipal boundary pt 1:500,000 ha = 10 % hatch)
- Municipal boundary pt 1:500,000 ha) = no hatch)
- 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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Cw
Fd
Fdlw
Sx
Cw
Cw
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LINE DESCRIPTION:
1 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separator Site Index / estimated SI
ex: Fd is 61 years old (5), 22.5 metres high (12.1-15.4m), crown closure class 1 (6-15%), SI 20H
5 Vegetation Cover (Non-Forest) (see Non-Forest Codes for Description)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1978

Line 1 - History Record Opening Number

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

Line 2 - Polygon No / Multi-layer

VRIMS 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. L 2).

Line 3 - BC Tree Code List

Species Composition: Species are labeled in their order of predominance. Major Text Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.0 dated January 2009.

NATIVE CONIFERS

Cw	Western Red Cedar
Hw	Western Hemlock
Yc	Yellow Cedar
Ss	Sitka Spruce
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	Fir (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Western Hemlock/Mountain hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopulus Juniper
L	LARCH
Lt	Tamarack Larch
Lw	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pli	Limber Pine
Plc	Lodgepole Pine
Pla	Lodgepole Pine (coastal)
Pli	Lodgepole Pine (interior)
Plx	Pondersa Pine hybrid
Pp	Ponderosa Pine (yellow)
Pw	Western White Pine
Pwa	Western White Pine
Pw	Whitebark Pine
Py	Yellow Pine
Sb	Black Spruce
Se	Engelmann Spruce
Sw	Western Larch
Sw	White Spruce
Sx	Spruce hybrid
Sxw	Spruce hybrid White
Sxl	Sitka x Whitie
Sxs	Sitka x whitenen hybrid
Y	YEW
Yw	Western Yew

NATIVE HARDWOODS

A	ALDER
At	Red Alder
D	APPLE
Dw	Pacific Crab Apple
E	ASPEN, COTTONWOOD or POPLAR
Ac	Aspen
Act	Balsam Poplar
Ae	Black Cottonwood
At	Trembling Aspen
Ax	Poplar
Ay	Willow
BB	BIRCH
Bb	Paper Birch
Bp	Alaska x Paper Birch hybrid
Bpr	Paper Birch (white)
Bt	Betula
C	CASCARA
Cw	Cascara
V	CHERRY
Vb	Black Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vu	Bitter Cherry
Vv	Prunus (fragrance) (western flowering)
M	MAPLE
Mb	Broadleaf Maple (broadleaf)
Mv	Vine Maple
G	OAK
Gb	Garry Oak
W	WILLOW
Wa	Pacific Willow
Wp	Pacific Willow
Wpb	Pacific Willow (Barkley's)
Wr	Pussy Willow (pre-tiered)
Ws	Scouler's Willow
Wx	Willow (Hybrid (mixed))
U	UNKNOWN - OTHER
X	UNKNOWN
Xc	Cottonwood hybrid
Xh	unknown hardwood
Z	OTHER (like not on list)
Zd	dogwood
Zh	other hardwood

EXOTICS

Ae	Apple
Ae	ASPEN, COTTONWOOD or POPLAR
Ab	Aspen (hybridized)
Ap	Alnus
Ay	Silver Birch (exempt)
Ep	Paper Birch
Cx	CHERRY
Vs	Sweet Cherry
Y	YEW
Yp	Pacific Yew
Yx	Yew Chilean Cedar
Fm	Fir (Balsam)
Fp	Noble Fir
Fr	Grand Fir
Fv	Veitchi Fir
L	LARCH
Lk	Japanese Larch
Lt	Siberian Larch
M	MAPLE
Mn	Norway Maple
Mr	Red Maple
Qa	English Oak
Qb	Garry Oak
Z	OTHER EXOTICS
Qa	Hungarian Oak
Qc	Chestnut Oak
Qc	Cork Oak
Qe	Evergreen Oak
Qk	Siberian Elm (southern)
Qm	Mongolian
Qp	Oregon Ash
Qv	White Ash
Qx	Ash (Hybrid) Velvety
Qr	Tree-of-Heaven
Qs	Japanese Walnut
Ss	Sitka
Ww	Norway Pine
Pr	Red Pine
Pw	White Pine
Sr	SPRUCE
Sn	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	141-200
9	201+

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0 - 7.5
2	7.5 - 12.5
3	12.5 - 18.4
4	18.5 - 29.4
5	29.5 - 37.4
6	37.5 - 45.4
7	46.5 - 55.4
8	55.5 - 64.4
9	65.5 +

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	0 - 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
	86 - 100

4d SITE INDEX

All SI are shown to the nearest metre referenced at 50 years breast height age. Where SI is estimated from a single tree bearing species, 'shown as SI' is assumed SI plus breast height age and height, estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees cannot present, e.g. Immature stands, Type Group 1 and 2 stands. Estimated SI is provided by a Associate Forest Professional in the data base and inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON TREE CATEGORIES (for Y and I records)

NON TREED SHRUB
- d SHRUB TALL - shrub with average shrub height > or = to two metres
- s SHRUB LOW - shrub with average shrub height < two metres

NON TREED HERB
- g GRAMINOID
- f FORB - HERBS - herb with no distinction between forbs and graminoids.
- h HERB - HERBS - herb with forbs > 50% of the herb cover.
- g GRAMINOID - herb with graminoids > 50% of the herb cover.

NON TREED BRYOID
- bp BRYOPHYTE - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverworts, and hornworts > 50% of the bryoid cover.
- bl BRYOID - LICHEN - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED CATEGORIES (for V and I records)

ap	AIRPORT	gl	GRAVEL PIT	mu	MUDFLAT SEDIMENT
ar	ROCK	ic	ICE	ms	MUSKEG FARM SPOILS
bi	BIOGENIC	la	LAKE BED	rp	OIL COVER
br	BIOGENIC	lg	LANDING	rr	OTHER
cb	CLIFF/CAVE	ls	LAKE SEDIMENTS	ro	RESERVOIR
cl	CUTBANK	mi	MINE	rs	RESERVOIR
es	EXPOSED SOILS	mn	MORAINE	sw	RIVER / STREAM

Note: Water categories (lw, ls, rs) marked over 50 percent coverage.

rm	RESERVOIR MARGIN
rn	RIVER SEDIMENTS
rz	ROAD SURFACE
ta	TALUS
tc	TALUS/ICE
ur	URBAN

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

AF	ALPINE FOREST	NPC	NONPRODUCTIVE
AP	ALPINE FOREST-Species	NPB	NONPRODUCTIVE BRUSH
BR	BRUSH	NPF	NONPRODUCTIVE FOREST
CL	CLAY BANK	NPF	NON-PRODUCTIVE FOREST -Species
GL	GLACIER ICE	NPM	NONPRODUCTIVE MUS
GR	GRASS (HT	OP	OPEN RANGE
KE	ICEFIELD	P	HAYFIELD
MU	MUSKEG	R	ROCK
MUD	MUDFLAT	S	SWAMP

SAND	SAND
TFC	TOWN FLAT
UR	URBAN
NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NP	NON PRODUCTIVE
NPBR	NON PRODUCTIVE BRUSH RESTOCKED
NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

Disturbance type code preceeded by symbol, followed by earliest date
Where multiple disturbance type designates category, refer to official code list for sub-category descriptions.

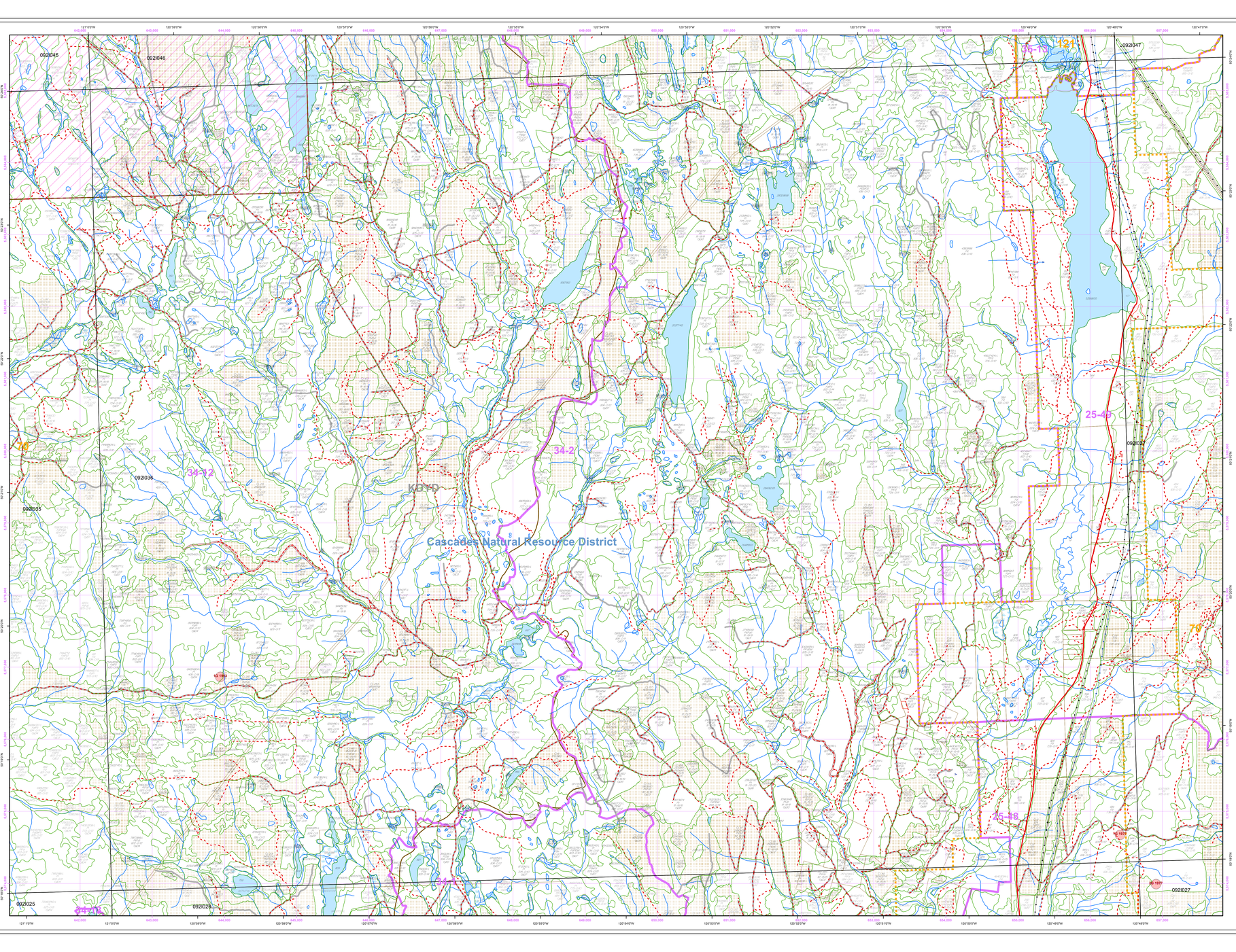
A	Animal Damage	S	Site Rehabilitation
B	Wildfire	T	Treatment Injuries
C	Cone and Seed Insects	W	Damage Unknown
D	Diseases	P	Problem Vegetation
	Inwards		

Example Opening History Details

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

The Ministry of Forests, Mines and Lands web application "MapView" provides access to this detailed information.
Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for :

OPENING
OPENING LABELS
OPENING HISTORY MAPPING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE FOREST COVER
WILDLIFE TREE PATCH



Overflow Labels