Vegetation Map
082F022

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 contained in this map is derived from many sources up to date. Cadastral, administrative boundaries and the Ownership colour theme are for referencing purposes only (Legend revisions June 2014)

Labels Projected To January 1, 2016

MAP SYMBOLOGY

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

TRIM_Base Features:
- Air Built Roads
- Forest Service Road/Lanes
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Recreation
- 4x4 Tracks
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrkd/wetlands - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- Int'l/AB 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 (< 1:250,000 Ref - 10 % hatch)
- Municipal boundary (> 1:250,000 Ref - 4m hatch)
- National Parks
- Fire Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

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

VEGETATION LABEL DETAILS

Example of a Vegetation Label:

C	20	4									
Fdi	80	3									
Fdi	20	4									
Bgl	20	4									

LINE DESCRIPTION
1 Silviculture symbol and Opening Number
2 Polygon No. / Multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Douglas Fir) and the (Western Hemlock).
4 Age, Height, Crown Closure, Site Index Code - separator: Site Index = estimated
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-13.4m), crown closure class 1 (5-15%), SI 20+m
5 Species Composition - Non-Forested Vegetation Codes
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

nnnn - opening number used for BCGS mapsheet *nnnn* - opening numbers has not been assigned

Line 2 - Polygon No. / Multi-layer

VRIMS Polygon Number - range 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 Code List

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

NATIVE CONIFERS

C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	BALSAM
Bl	Subalpine Fir
Bg	Grand Fir
Bgl	Grand Fir x Subalpine Fir
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hmh	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sweetcrisp Juniper
L	LARCH
La	Subalpine Larch
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (coastal)
Plx	Lodgepole x Jack Pine hybrid
Pa	Whitebark Pine (alpine)
Pw	White Pine (pasture)
Pyi	Ponderosa Pine
Pw	Whitebark Pin
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sxs	Sitka x Spruce hybrid
Sxw	Spruce hybrid White
Sxl	Sitka x White
Sxs	Sitka x Lutchuan hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
A	APPLE
Ap	Pacific Crab Apple
At	TREMBLING (COTTONWOOD or POPLAR
E	Poplar
Abl	Balsam Poplar
Abt	Black Cottonwood
Ac	Aspen/Poplar
Ae	Aspen
K	BIRCH/TEA
Ke	Paper Birch
E	ERICA
Ea	Alaska Paper Birch
Ep	Alaska Paper Birch hybrid
Ew	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
G	Cascara
V	CHERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vu	Sweet Cherry
Vv	Pacific Dogwood (eastern flowering)
M	MAPLE
Mb	Broadleaf Maple (bracteal)
Mv	Vine Maple
Q	Oak
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wr	Peachleaf Willow (Bonita's)
Wy	Scouler's Willow (Hooker's)
Ws	Sitka Willow (low-branch)

UNKNOWN - OTHER

X	unknown conifer
Xh	unknown hardwood
Xl	unknown (conifer or hw)
Z	other conifer
Zh	other hardwood

EXOTICS

W	APPLE
Aw	Siberian Crab
At	TREMBLING (COTTONWOOD or POPLAR
Act	Southern Cottonwood
Ae	Aspen
Eb	European Birch
Ebs	Silver Birch (swamp)
Ew	Paper Birch
C	CEDAR
Cw	Western Red Cedar
Y	CYPRESS
Yc	Yellow (Nootka) Cedar
FB	FIR (Balsam)
Bp	Nikkan Fir
Bpa	Nikkan Fir
Bs	Sitka Spruce
Fb	White Fir
Fg	Grand Fir
Lk	Siberian Larch
Lk	Siberian Larch
Lt	Tamarack
Mw	Wax Elder
Mr	Norway Maple
Mrp	Norway Maple (purple)
Oa	English Oak
Or	Red Oak
P	OTHER EXOTICS
Cw	Western Cedar
Cwp	Western Cedar
Cn	Coast Redwood
Cnp	Dawson Weeping Ash
Cs	Common Ash
Csf	Common Flowering Ash
Ch	White Ash
Chp	White Ash Weeping
Cy	Tree of Heaven
Cj	Japanese Walnut
Pn	PINE
Pm	Mondale Pine
Ps	Red Pine
Pp	Scots Pine
S	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	141-250
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 - 53.4
7	53.5 - 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

50 SI are known & the nearest metre referenced at 50 years.
Site Index is the height of the dominant trees (Fd, Cw, Hw, Sx) in meters, at 50 years. Where an accurate SI cannot be obtained from age and height, estimates to the nearest 5m, or range are to be used.

4e. ESTIMATED SITE INDEX

SI is estimated using Site Index Adjustment, e.g. 4 is estimated one meter above the site index which is the previous 4. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for X and Unvegetated):

w SHRUB TALL	- shrub with average shrub height > or = to two metres.
w SHRUB LOW	- shrub with average shrub height < two metres.

NON-VEGETATED

n	Exposed Land
n	Rock / Rubble
n	Snow / Ice

NON-VEGETATED

n	Exposed Land
n	Rock / Rubble
n	Snow / Ice

NON-TREED

H	HERB
W	HERB - FORBS
G	HERB - GRAMINOIDS

- liquid with no distinction between mosses and lichens by cover.
- liquid with no distinction between forbs and graminoids.
- herb with no forbs > 50% of the herb cover.
- herb with no graminoids > 50% of the herb cover.

NON-TREED SHRUB

S	SHRUB
SH	SHRUBS - MOSS
SG	SHRUBS - GRAMINOIDS

- liquid with no distinction between mosses and lichens by cover.
- liquid with no distinction between forbs and graminoids.
- shrub with no distinction between forbs and graminoids.

NON-VEGETATED CATEGORIES (for Y and Unvegetated):

ra ALPINE	ri RIVER/STREAM	rm RESERVOIR MARGIN
rb BEACH	rl LAKE	rn RAILWAY SURFACE
rc BEDROCK/TALUS	rp POND	ro ROAD SURFACE
rd BOG/MUSKEG	rr QUARRY	rs SAND BAR/SPIT
re BURNED AREA	rs POND or LAKE SEDIMENTS	rt TALUS
rf CANAL	rt SALT WATER	ru URBAN
rg EXPOSED SOILS	rw SNOW/ICE	rv VARIA
rh GLACIER		

Note: Water categories (ra, ri, rl, rp) not labelled over 50 percent coverage.

NON-FOREST (NON-PRODUCTIVE DESCRIPTOR CODES (for F reserve)):

A ALPINE	NP NON PRODUCTIVE	SAND SAND	
BRUSH BRUSH/FOREST (Species	NPBR NON PRODUCTIVE BRUSH	SAND SALT	
CULTIVATED	NPMUN NON PRODUCTIVE MUNI	URBAN	
CL CLAY BANK	NPF NON PRODUCTIVE FOREST (Species		
G GRASS/HERB	R NON PRODUCTIVE ROCKBLUFF	NC NON COMMERCIAL	
GR GRAVEL PIT	S SWAMP	NCBR NON COMM BRUSH	
ICE ICEFIELD	F HAYFIELD	NP NON PRODUCTIVE	
L LAKE	P PASTURE	NPLC NON PRODUCTIVE DESTOCKED	
MUDFLAT	S SWAMP	NOT TYPED AVAILABLE	

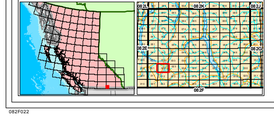
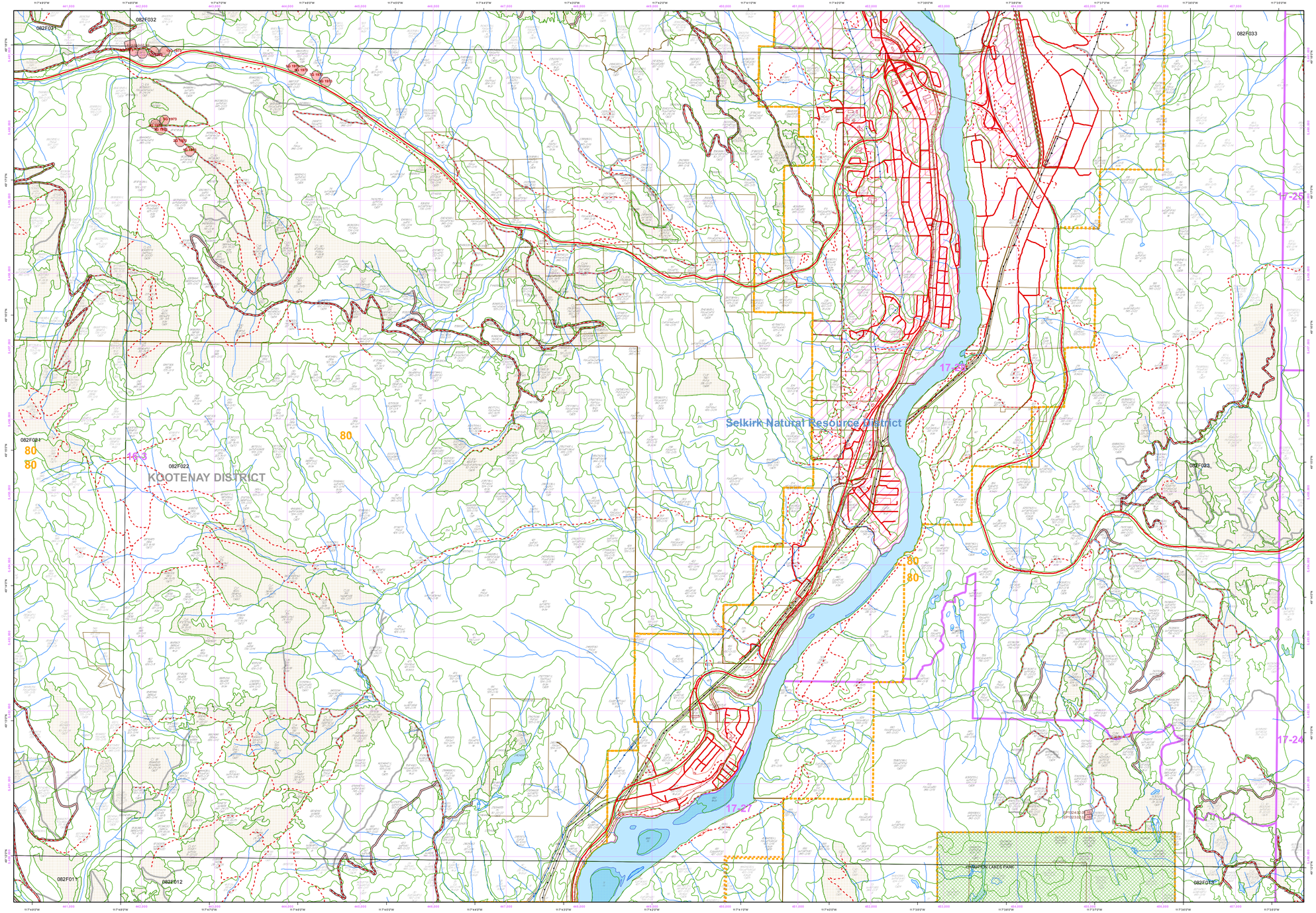
Line 6 - Disturbance History

Disturbance type codes preceded by symbol, followed by earliest date.
First character of disturbance type designates category, 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 Injuries
D	Diseases - Insects	P	Cone and Seedling Fungal Pathogens
		R	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		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 is available to view this type of detailed information. Select the SILVICULTURE tab then click on "Display Silviculture Map" to turn on display values for:

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