Vegetation Map
082G083

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometres

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 display on a standard 8.5" x 11" page and is suitable for general reference purposes. Information contained on this printed map 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 for January 1, 2016

MAP SYMBOLOGY

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

TRIM, Base Features:
- Ha Ball Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Cable Ways
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- Bnd Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrats
- Municipal boundary (< 1:250,000 Ha - 1% hatch)
- Municipal boundary (1:1,000,000 Ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Map 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 stand indicator (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 SI
ex. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20+
5 Vegetated Density Class (or Non-Forest Productive Descriptor)
6 Non-Vegetated Descriptor (separated by forward slash) and graminoids, shrubs less that 2m.
7 Disturbance History & year - ex.s logged in 1979

Line 1 - History Record Opening Number

-opening number valid for BCGS mapsheet — (NEW) - 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. 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 "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2009.

NATIVE CONIFERS

E	CEDAR
Cw	Western Red Cedar
Yc	CYPRESS
Yc	Yellow Cedar
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
H	HEMLOCK
Hr	Hemlock Fir
Hw	Mountain Hemlock
Hm	Mountain Hemlock hybrid
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
J	Savanah Juniper
L	LARCH
Lt	Tamarack
Lt	Tamarack
Lw	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodge Pole
Pli	Lodgepole Pine (interior)
Plc	Lodgepole Pine (Coastal)
Plg	Lodgepole x Jack Pine hybrid
Pa	Whitebark Pine (alpine)
Pw	White Pine (cultus)
Pw	Western White Pine
Pf	Limber Pine
S	SPRUCE
Se	Engelmann Spruce
Se	Engelmann Spruce
Sb	White Spruce
Sx	White Spruce
Sx	Spruce hybrid
Sw	Interior Spruce White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Ss	Sitka
Te	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka
Ep	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Ae	Eastern Poplar
Act	Black Cottonwood
Ep	Trembling Aspen
Ep	Trembling Aspen
A	ARBUTUS
Mb	Arbutus
E	BIRCH
Ea	Alaska Paper Birch
Ea	Alaska Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
Ey	Yellow Birch
V	CHERRY
Vb	Black Cherry
Vc	Choke Cherry
Vp	Pin Cherry
Vu	Bitter Cherry
Gp	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Broad-leaf Maple (bradleaf)
Mv	Vine Maple
Q	OAK
Qg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wp	Pacific Willow (Barclay's)
Wp	Pacific Willow (grey-leaved)
Wr	Peach-leaf Willow
Wsl	Sitka Willow (tea-leaved)

UNKNOWN - OTHER

X	unknown conifer
At	unknown hardwood
Xh	unknown tree
Xl	other conifer
Zh	other hardwood

EXOTICS

AP(U)	Apple
Ax	Poplar - COTTONWOOD or POPLAR
Ad	Southern Cottonwood
BI(X)	Birch
Ep	Paper Birch
Ex	Silver Birch (swamp)
Ey	Yellow Birch
Ey	Birch
Cs	Sweet Cherry
CY(W)S	CYPRESS
Ylc	Alaska Yellow Cedar
FP	FIR (Balsam)
Bb	Balsam Fir
Bg	Grand Fir
Bm	White Fir
Lt	Tamarack
Lt	Tamarack
Mv	Norway Maple
Mp	Sycamore Maple
OH	
Oh	English Oak
Or	Red Oak
OT(W)S	OTHER EXOTICS
Cw	Incense Cedar
Cp	Port Orford Cedar
Hm	Giant Redwood
Ot	European Mountain Ash
Ot	Russian Olive (wild)
Ot	Common Pear
Oq	Dragon Ash
Ot	Mountain Ash
O	Ginkgo/Maidenhair tree
Ot	Hawthorn
Oh	Japanese Walnut
PI	
Pn	Norway Pine
Pn	Red Pine
Pa	Austrian Pine
Ps	Scots Pine
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	0.1 - 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
All SI are shown to the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the dominant and co-dominant trees. Site index estimates from age and height combinations that do not occur often, or replicate the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees are not present, e.g. young stands (<30yrs). It is denoted by a letter which always follows the SI number. The letter indicates the ecosystem the inventory Type Group and SI is derived source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I records):

NON-TREED SHRUB
- st SHRUB TALL — shrub with average shrub height > or = to two metres.
- sl SHRUB LOW — shrub with average shrub height < than metres.

NON-TREED HERB
- he HERB — herb with no distinction between forbs and graminoids.
- hf HERB - FORBS — herb with forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS — herb with graminoids >50% of the herb cover.

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

NO-VEGETATED
- n Exposed Land
- nr Rock / Rubble
- ns Snow / Ice

NON-VEGETATED CATEGORIES (for V and I records):

ae	AIRPORT	gr	GRAVEL PIT
be	BEACH	la	LAKE
bl	BOULDERFIELD	lk	LANDING
br	BEDROCK	lt	LANDING
cb	CUTBANK/BANK	mb	MUD FLATS AND SEDIMENTS
cl	CLITTER	mi	OPEN AT MINE
ds	EXPOSED SOILS	mn	MORAINE
gl	GLACIER	mu	MUDFLAT SEDIMENT
		mv	MUD VOLCANO / MINE SPOILS
		oc	OCEAN
		or	OTHER
		rc	RIVER/STREAM COVER
		re	RESERVOIR
		rr	RIVER / STREAM
		rm	RESERVOIR MARGIN
		rp	RIVER/STREAM SPOILS
		rs	RIVER SEDIMENTS
		rs	ROAD SURFACE
		sn	SNOW
		t	TAILINGS
		ur	URBAN

Note: Water categories (la, ls, re, rr) not labelled over 50 percent coverage.

NON-FOREST - NON PRODUCTIVE DESCRIPTOR CODES (for I records):

ALPINE	ALPINE	SAND	SAND
AF	ALPINE FOREST (Species	TIDE	TIDAL FLAT
C	CULTIVATED	U	URBAN
G	GRASS		
GL	GRASS, MAY	NCB	NON COMMERCIAL
GR	GRAVEL PIT	NCBR	NON COMMERCIAL BRUSH
L	LAKE	NCR	NON COMMERCIAL
M	MEADOW	NFR	NOT SUFFICIENTLY RESTOCKED
MUD	MUDFLAT	NTA	NO TYPING AVAILABLE

Line 6 - Disturbance History

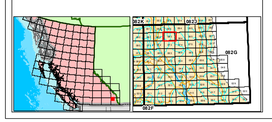
Disturbance type codes preceded by symbol, followed by earliest date
First character of disturbance type designates category, refer to official code list for sub-category descriptions.

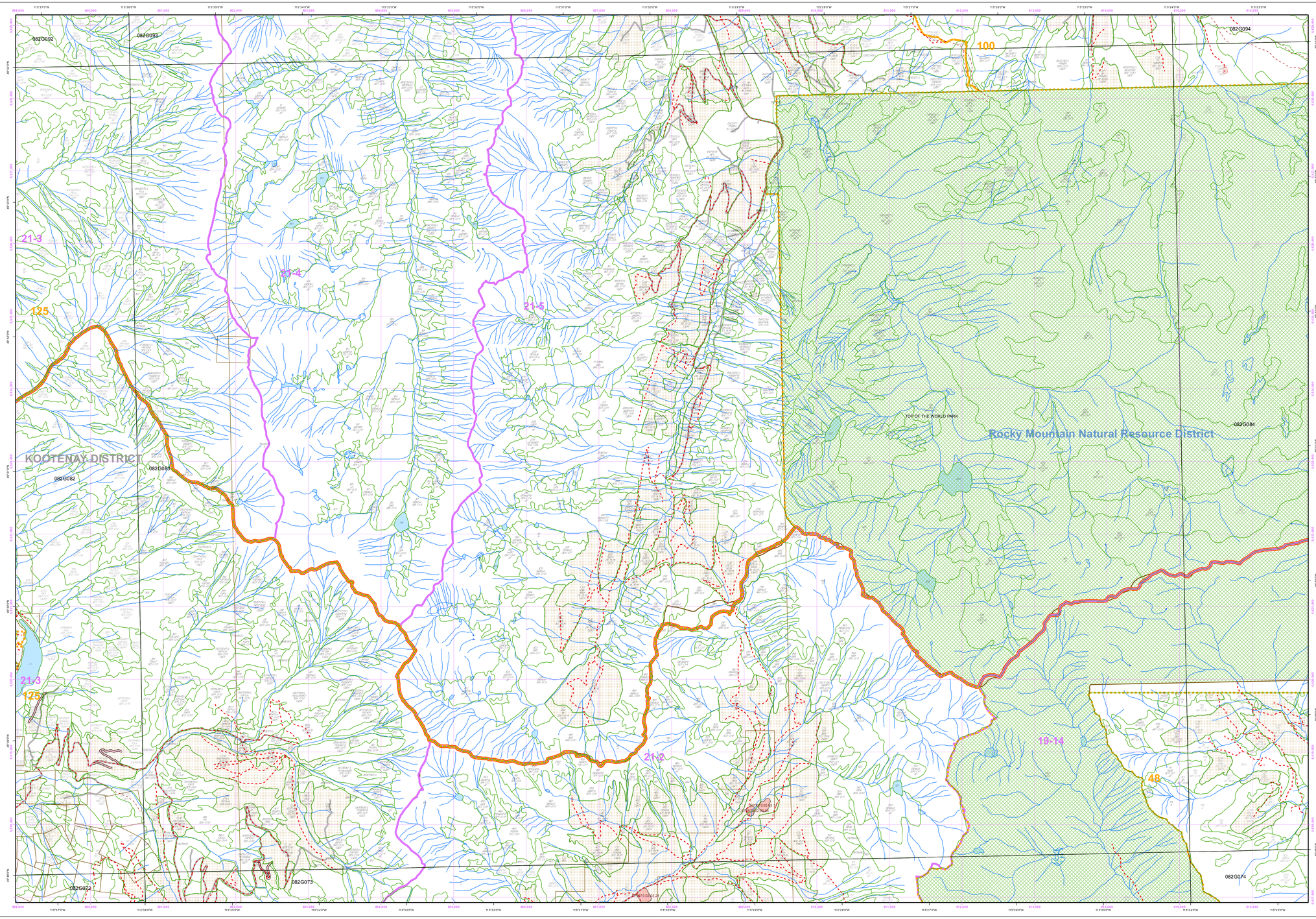
A	Animal Damage	L	Logging
B	Wildfire	M	Mine Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
		R	Site Rehabilitation
		T	Treatment Unspecified
		U	Damage Unknown
		V	Problem Vegetation

Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing a thin / API or ArcMap. The MapView example is of thinned RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the ENVICONTURE tab then click on "Display Silviculture Map" to turn on display values for -
OPENING ID
OPENING LABELS
OPENING / PLANTING ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE PATCH
FOREST COVER





Overflow Labels