082N065

Vegetation Map
082N065

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS's / Ownership
Base Map Source: TRIM / Terrabis

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been structured to support a variety of forestry activities and is not to be used for navigation. The information displayed on such maps includes all or parts of roads, administrative boundaries and the Cheviot cutblock. Use them at your own risk.

Labels Projected To: January 1, 2016

MAP SYMBOLOGY

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

TRIM - Base Features:
- 1m Built Roads
- Forest Tenure Road Linear
- Paved Roads
- Gravel Roads
- Single Tracks
- Trails/Cutlines
- Railways
- 1m/Fences
- 1m/Pipeline
- 1m/Other lines
- 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
- MU - Region Compartment - FADM
- Provincial Forest area - FADM
- Timber Supply Area-Block - FADM
- Tree Farm Licenses - FADM
- Land District boundary
- Administrative boundary
- Survey Parcels - Terrabis
- Municipal boundary (if 1:1000,000 ha - 15% hatch)
- Municipal boundary (if 1:1000,000 ha) - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Ministerial Areas

Other:
- NTS 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 stand indicator(s)
3 Species Composition
4 Age - the only important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separated by / - 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 20m
5 Stocking Class (optional) - separated by / (optional)
ex: a fertz 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 BCGS mapsheet
- opening number has not been assigned

Line 2 - Polygon No. / Multi-layer :
VRMS Polygon Number - ranging from one to nine digits
4, 5, 6 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 3 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

Ce	Western Red Cedar
Y	CYPRESS
Cw	Western Yew
F	DOUGLAS FIR
Fd	Douglas Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (alpine)
Bp	Pacific Fir
Hm	Mountain Hemlock
H	HEMLOCK (Western)
Hxm	Western x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mt. Juniper
Js	Sweetzie Juniper
L	LARCH
Lw	Western Larch
La	Tamarack
Lt	Western Larch
P	PINE
Pj	Jack Pine
Pl	Lodgepole Pine
Plc	Lodgepole Pine (coastal)
Pli	Lodgepole Pine (interior)
Plx	Lodgepole x Jack Pine hybrid
Pp	Ponderosa Pine (yellow)
Pla	Shore Pine (coast)
Pw	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	White Spruce
Sw	White Spruce
Sxe	Engelmann x White
Sxl	Sitka x White
Sxs	Sitka x white/sw hybrid
Ss	Sitka
Te	Western Yew

NATIVE HARDWOODS

D	BROADLEAF
E	Red Alder
U	APPLE
At	Pacific Crab Apple
Ac	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Balsam Poplar
Act	Black Cottonwood
Ax	hybrid Poplars
Ae	Trembling Aspen
V	ARBUTUS
Vs	Arbutus
Ep	BIRCH
Ea	Alaska Paper Birch
Ekp	Alaska x Paper Birch hybrid
Ew	Water Birch (wetter)
Ew	Water Birch
K	OAK/ARA
Kg	Garry Oak
V	CHERRY
Vm	Bitter Cherry
Vv	Choke Cherry
Up	Pin Cherry
Vp	Wild Plum
Gp	Pacific Dogwood (eastern flowering)
M	MAPLE
Mb	Broadleaf Maple (deciduous)
Mv	Vine Maple
G	WILLOW
Gc	Grey Leaf Osier
W	WILLOW
Wp	Pacific Willow
Wa	Pacific Willow
Wa	Peachleaf Willow (Bonsky's)
Wa	Peachleaf Willow (Scouler's)
Wb	Sitka Willow
Wr	Sitka Willow (low-to-ground)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Z	OTHER (tree not listed)
Zx	other conifer
Zh	other hardwood

EXOTICS

Ue	EUROPEAN Apple
	ASPEN, COTTONWOOD or POPLAR
Act	Balsam Poplar
	BIRCH
Ep	European Birch
Ekp	Alaska x Paper Birch
Ew	Water Birch
	CHERRY
Vs	Pin Cherry
	Choke Cherry
Vp	Wild Plum
	LARCH
Lw	Western Larch
Le	Siberian Larch
	MAPLE
Me	Blue Maple
Mn	Norway Maple
Mv	Vine Maple
	OAK
Qg	English Oak
Qr	Red Oak
	OTHER EXOTICS
Ox	Ukranian Cedar
Ou	Ukranian Elm
Oc	Crack Willow
Ow	European Mountain Ash
Os	Scots Mountain Ash
Of	Common Privet
Og	Oregon Ash
Ob	Black Locust
Oi	Shingle/Ironbark Hickory
Oj	Tree of Heaven
Ot	Black Walnut Walnut
	PINE
Pm	Monterey Pine
Pn	Austrian Pine
Pr	Red Pine
	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	141-160
9	201 +

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 26.4
4	26.5 - 37.4
5	37.5 - 48.4
6	48.5 - 59.4
7	59.5 - 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 for the nearest metre referenced at 50 years breast height age. Where SI is not known, it is left blank for field sampling. Where an accurate SI cannot be obtained from 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, or Fd, Cw, Hw, Ss, Sx, Sw, Sxs, Sxe, Sxl species. Procedure 6 Associated Notes in the data base are mandatory. Type Group and SI Estimated source code.

Line 5 - Vegetation records :

VEGETATED NON-TREE CATEGORIES - (for V and I types only)

NON FORESTED SHRUB
- sb SHRUB - shrub with average shrub height > or = to two metres.
- st SHRUB LOW - shrub with average shrub height < two metres.

NON FORESTED HERB
- h 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 FORESTED SHRUB
- bs BRYOID - shrub with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSSES - bryoid with mosses > 50% of the bryoid cover - 90% of the bryoid cover.
- bl BRYOID - LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON VEGETATED
- W Exposed Land
- r Rock / Rubble
- w Snow / Ice

NON-VEGETATED CATEGORIES (for V and I types only)

ai	AIRPORT	gr	GravEL PIT	mu	MUSKEG
bl	BLOCK	l	LAKE	mp	MUSKEG / MINE SPOILS
bf	BOARDFIELD	la	LANDED	o	OCEAN
br	BROMOCK	ld	LANDING	o	OTHER
bu	BURNED AREA	s	POND or LAKE SEDIMENTS	r	RIVER / CREEK
cl	CLEARING	q	QUARRY	R	RESERVOIR
cm	CYPRESS SOILS	rm	RIVER / STREAM		

Note: these categories (ai, cl, cm, r) not labelled over 50 percent coverage

NON - FOREST / NON-PRODUCTIVE DESCRIPTION CODES (for E records)

E	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST (Species	NPBR	NON-PRODUCTIVE BRUSH
B	BARREN	NPBU	NON-PRODUCTIVE BURN
CL	CLAY BANK	NPFL	NON-PRODUCTIVE FOREST / Species
G	GRAVEL BAR	NPA	NO TYPING AVAILABLE
I	ICEFIELD	OP	OPEN FOREST
ICEFIELD		HARVESTED	
M	MEADOW	R	ROCK
MUD	MUD FLAT	S	SWAMP
SAND	SAND		
TIDE	TIDAL FLAT		
U	URBAN		
NC	NON COMMERCIAL		
NCBR	NON COMMERCIAL BRUSH		
NP	NON PRODUCTIVE		
NSR	NOT SUFFICIENTLY RESTOCKED		
NTA	NO TYPING AVAILABLE		

Line 6 - Disturbance History

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

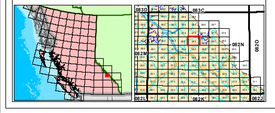
A	Animal Damage	L	Logging
B	Wildfire	M	MAA Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Diseases	P	Cone and Seeding Fungal/Pathogens
I	Insects		
		S	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

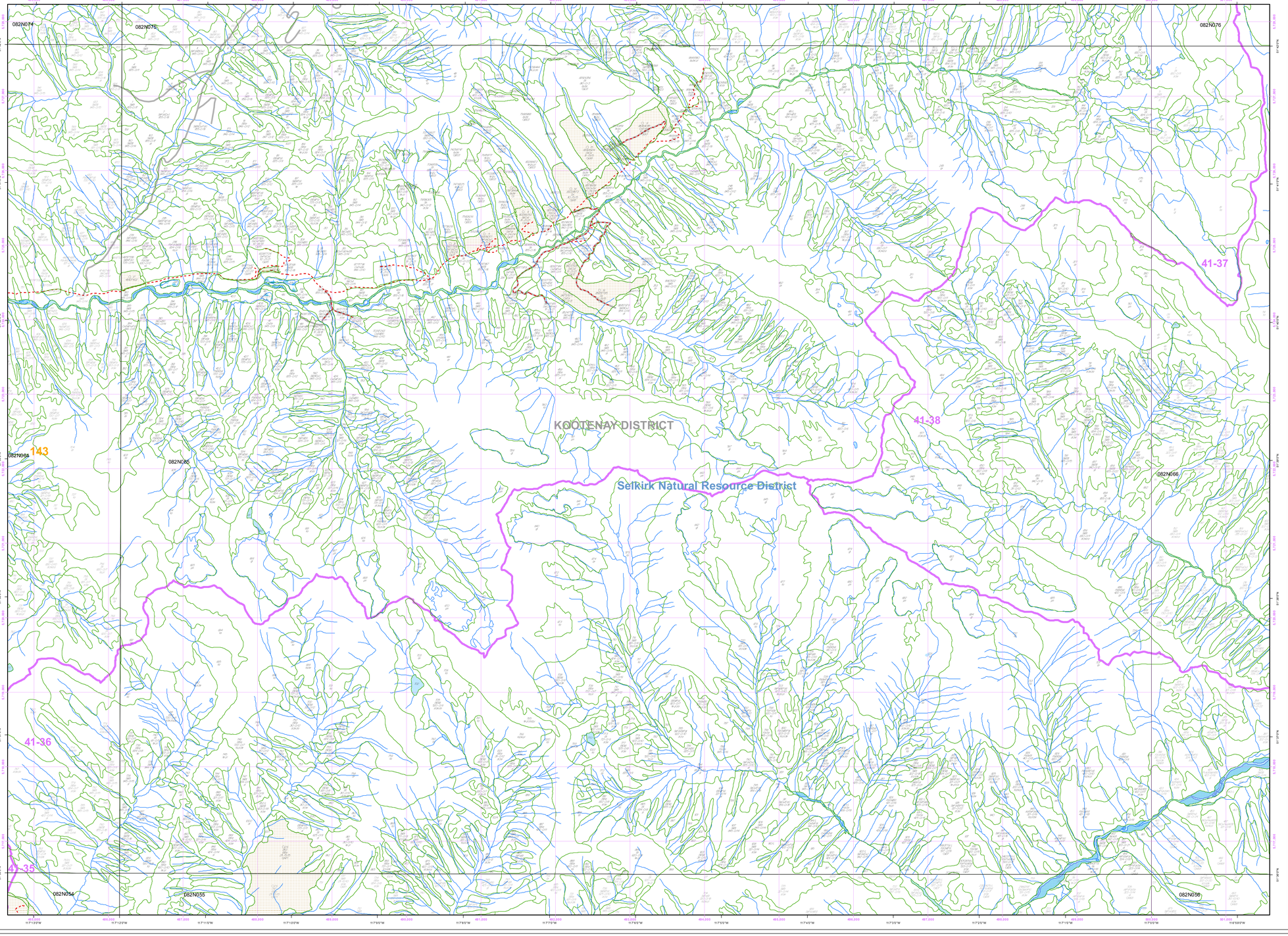
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing e-Man IMF or ArcMap. The MapView example is of Inverness 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
STANDARDS UNIT
SILVICULTURE FOREST COVER
VALUE BY TREE PATCH





Overflow Labels

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