082G072

Vegetation Map
082G072

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometres

0 0.25 0.5 Miles

Vegetation Data Source: MF,LNRO - VRIMS / Ownership
Base Map Source: TRIM / Tantalis

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

TRIM - Base Features:
- Au Built Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelectric Areas - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- Bcr 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 (< 1:500,000 hol - 15 % hatch)
- Municipal boundary (< 1:500,000 hol - no hatch)
- National Parks
- First Nations
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

Other:
- BCGS Map sheet 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. stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4 m), crown closure class 1 (6-15 %), Sl 20m
4. Age, Height, Crown Closure Class Code - separator - Site Index x estimated SI
5. Vegetated Diversity Class (or Non-Forest Productive Descriptor)
   ex. a herb polygon with no distinction between forbs and graminoids, shrubs less that 2 m
6. Disturbance history (if any) - ex. Logged in 1974

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 or separate description of each layer is available in the data base. i.e. 1, 2)

Line 3 - BC Tree Code s List
Species Composition Species to be labeled in their order of predominance. Major fold Minor in brackets.
The following codes are based on "The B.C. Ministry of Forests Tree Code List" version 4.5 dated January 2005.

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	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hxm	Mountain x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Scopuls Juniper
L	LARCH
Lt	Tamarack
Ls	Subalpine Larch
P	PINE
Pl	Lodgepole Pine
Pli	Lodgepole Pine (Interior)
Plg	Lodgepole x Jack Pine hybrid
Pj	Jack Pine (Eastern)
Pp	Shore Pine (coastal)
Pw	Western White Pine
Pxj	Hybrid White Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sx	Sitka Spruce
Sw	White Spruce
Sxw	Hybrid Spruce
Sxe	Especiale x White
Sxl	Sitka x White
Sxs	Sitka x Lutea hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
Dl	Sitka Alder
Ja	Pacific Crab Apple
At	ASPEN / COTTONWOOD or POPLAR
Ae	Aspen
Abb	Balsam Poplar
Abl	Black Cottonwood
Ai	Hybrid Poplars
Ai	Trembling Aspen
Ax	Aspen x Poplar
E	Arbutus
E	BIRCH
Ep	Paper Birch
Epl	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Ew	Water Birch
Eb	Western Birch
Ek	Kenai Birch
Ekp	Kenai x Paper Birch hybrid
Ew	Red Birch (grey skinned)
Ey	Yellow Birch
Ebl	Sitka Willow (blue-leaved)

UNKNOWN - OTHER

X	UNKNOWN
Xc	unknown conifer
Xh	unknown hardwood
Xl	OTHER (See notice list)
Zc	other conifer
Zh	other hardwood

EXOTICS

AP	APPLE
Ap	Apple
AT	ASPEN, COTTONWOOD or POPLAR
Ax	Trichocarpa x Deltoides
Ay	Balsam Poplar
Ba	Silver Birch (swamp)
Bp	Paper Birch
CH	CHERRY
Ys	Sweet Cherry
Ym	Mazzard
Yo	Pin/ Choke Cherry
EP	ENGLISH PLANE
Ep	Plane
EL	LARCH
Lk	Dahurian Larch
Lp	Japanese Larch
MP	MAPLE
Mb	Box Elder
Mr	Red Maple
Ms	Sycamore Maple
OA	OAK
Oc	Columbian Oak
Ow	White Oak
Or	Red Oak (Garry)
On	Oriental Cedar
Ob	Black Locust
Ol	Golden Raintree
Ow	European Mountain Ash
Ob	Showy Mountain Ash
Qr	Common Pear
Qg	Oregon Ash
Qa	Green Ash
Wf	Weeping Willow
Cj	Tree of Heaven
Cs	Japanese Walnut
Pw	Monterey Pine
Pn	Scots Pine
Pa	Austrian Pine
SPRUCE	
Sn	Norway Spruce

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	0-20
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 - 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)
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
0	86 - 100

4d SITE INDEX
50 Curve Base is the nearest metre referenced at 50 years.
Breast Height Age. SI is based on the age and height of the dominant, preferred or acceptable trees. Site trees are selected from each stand to represent, wherever possible, average or typical conditions, or replace as the SI.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI data unavailable e.g. young stands (<10yrs). It is denoted by a slash which always precedes the estimated SI value. Estimates are based on Inventory Type Group and SI's allocated source wide.

Line 5 Vegetation records

VEGETATED NON-TREE CATEGORIES (5a Y and 5b records)

NON-TREES SHRUB
- a SHRUB TALL - shrub with average shrub height > or = to two metres.
- s SHRUB LOW - shrub with average shrub height < two metres.

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

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

NON VEGETATED CATEGORIES (5a Y and 5b records)

ap	AIRPORT	gr	GRAVEL PIT
be	BEACH	l	LAKE
bl	BOULDERFIELD	la	LAKE/RIVER
br	BEDROCK	lg	LANDING
ds	DUNE SAND	m	MARINE LAKE SEDIMENTS
ds	CUTBANK	mg	MARINE GRAVEL
es	EXPOSED SOILS	mm	MORAINE
gc	GLACIER	ms	MUDFLAT SEDIMENT
		mv	MUDFLAT VEGETATED
		o	OCEAN / LAKE SPOILS
		o	OTHER
		r	RIVER / DELTA COVER
		r	RIVER/CREEK
		r	RIVER / STREAM
		rm	RESERVOIR MARGIN
		rs	RESERVOIR SPOILS
		rv	RIVER SEDIMENTS
		rd	ROAD SURFACE
		s	SAND
		t	TAILINGS
		u	URBAN

Note: Water categories (a, o, r, l) not labelled even if present coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (5a Y records)

AF	AGRICULTURE FIELD	MNG	MINE
AF	ALPINE FOREST (Specify)	TEC	TIDAL FLAT
C	CULTIVATED	U	URBAN
CL	CLEARING		
D	GRASSLAND		
GR	GRAVEL PIT		
L	LAKE		
M	MEADOW		
MUD	MUDFLAT		
NC	NON-COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NF	NON-FOREST
NFI	NOT SUFFICIENTLY RESTOCKED
NFL	NOT TYPED AVAILABLE
NP	NON-PRODUCTIVE
NPBR	NON-PRODUCTIVE BRUSH
NPBU	NON-PRODUCTIVE BURN
NPDS	NON-PRODUCTIVE - Specify Riparian
NPL	NOT TYPED AVAILABLE
OR	OPEN RANGE
OW	OPEN WOOD
R	ROCK
S	SWAMP

Line 6 - Disturbance History

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

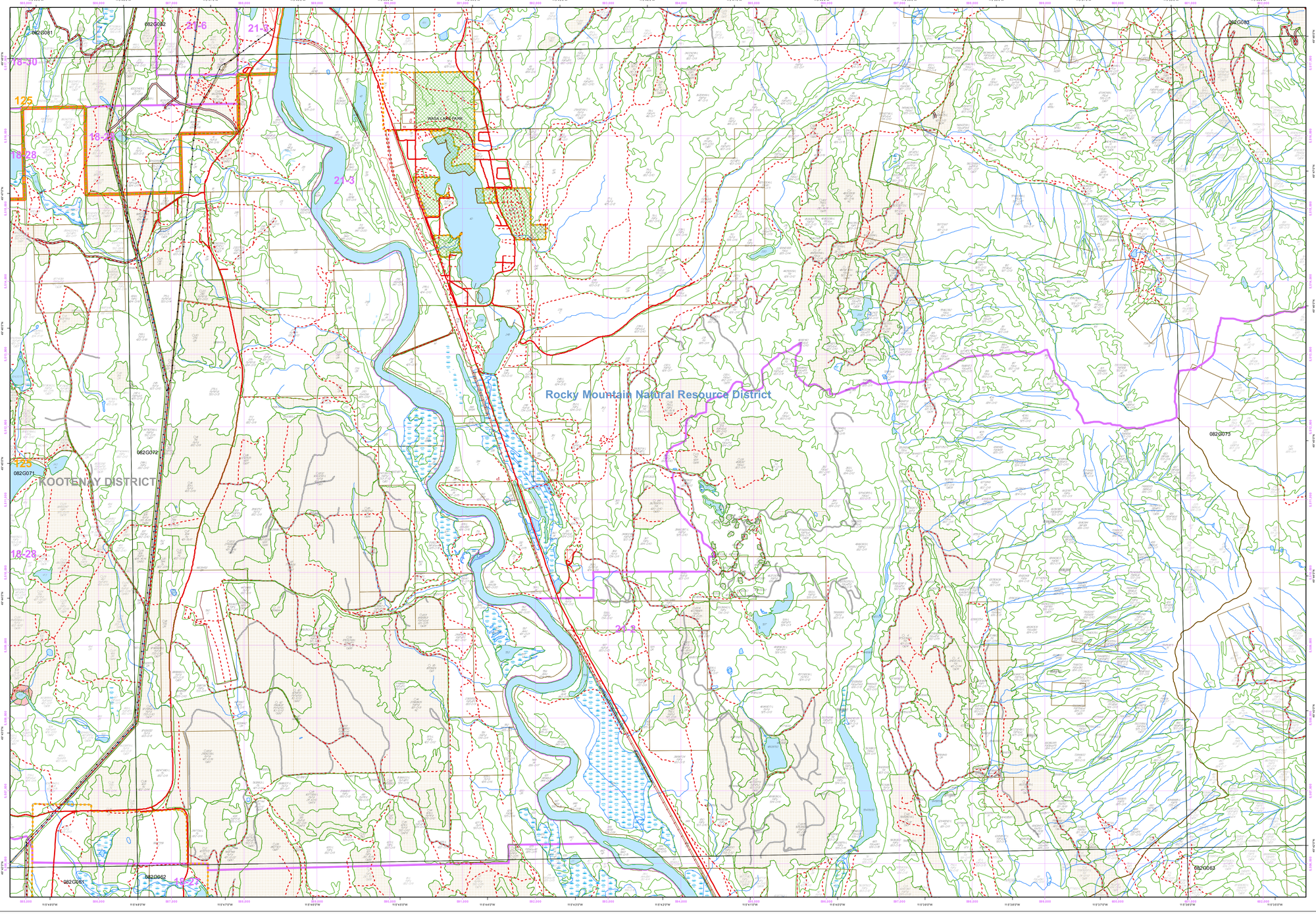
A	Animal Damage	L	Logging
B	Wildfire	M	Wild Damage
C	Cone and Seed Insects	N	Non-Biological Injuries
D	Disease	P	Cone and Seedling Fungal Pathogens
I	Insects		
		R	Site Rehabilitation
		T	Treatment Injuries
		U	Damage Unknown
		V	Problem Vegetation

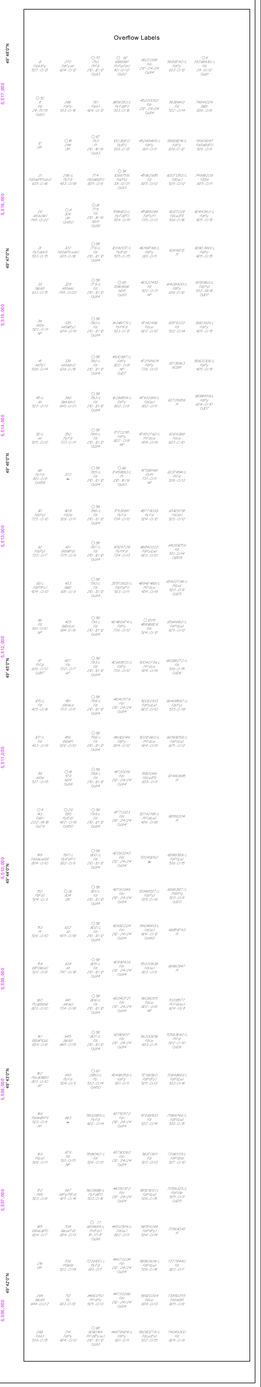
Example Opening History Details

Detailed Silviculture information is available on the BCGW utilizing either RIP or ArcMap. The Mapview example is of the Herd RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select "Forest Cover" from the "Map Feature" Display Structure Must" to turn on display values for:

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





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