Vegetation Map
082J031

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 / Terrafab

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, 2014

MAP SYMBOLOGY

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

TRIM - Base Features:
- Ae Built Roads
- Forest Service Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Fields
- Other Data
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrofeatures - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- Mgt 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 (1:1,000,000 Tol. - 1% to 10%)
- Municipal boundary (1:1,000,000 Tol. - 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 2 L
Fd 3 M
Hw 3 M
Fd 4 M
Cw 5 M
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1. DESCRIPTION
   1. Silviculture symbol and Opening Number
   2. Polygon Number and multi-layer stand indicator (L)
   3. Species Composition
      - ex: Mature Crown layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
   4. Age, Height, Crown Closure Class Code - separate. Site Index / estimated SI
      - ex: stand is age class 2 (21-40 yrs), height class 1 (1.0 -10.4m), crown closure class 1 (6-15%). SI 20m
   5. Vegetated Density Class (or Non-Forest/Productive Descriptor)
      - ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m. and treed/seedlings mixed polygon are assigned to M5

Line 1 - History Record Opening Number

0001 - opening number valid for BCGS mapsheet *0001F* - 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 labelled 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

Cw	Western Red Cedar
Hw	Hemlock
Yc	Yellow Cedar
Ac	ACCOLON FIR
Bg	Grand Fir
Fdc	Coastal Douglas Fir
Fdi	Interior Douglas Fir
F	Fdc (Hybrid)
Ba	Amabilis Fir
Bl	Alpine Fir
Bl	Subalpine Fir (alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hm-c	Mountain x Western Hemlock hybrid
Pl	Lodgepole Pine
Pli	Rocky Mtn. Juniper
Js	Scandin Juniper
Lw	Larch
Lw	Alpine Larch
Lt	Tamarack
Lt-w	Tamarack / Larch
PINE	
Pj	Jack Pine
Pl	Lodgepole Pine
Pl	Lodgepole Pine
Pli	Lodgepole Pine (interior)
Pl-c	Lodgepole Pine x Jack hybrid
Pf	Ponderosa Pine (yellow)
Pw	White Pine (west)
Pa	Whitebark Pine
S	SPRUCE
Se	Englemann Spruce
Sx	Englemann Spruce
Sw	Spruce
Sw	White Spruce
Sx	Spruce - Hybrid
Sw	Engelmann x White
Sw	Sitka x White
Sx	Sitka x Englemann hybrid
YEW	
Tw	Western Yew

NATIVE HARDWOODS

D	Deciduous
Dr	Arbutus
U	APPLE
Ep	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
At	Aspen
Act	Balsam Poplar
Abi	Black (Hybrid)
Ae	Trembling Aspen
Ac	Cottonwood
B	Arbutus
E	BIRCH
Ea	Alaska Paper Birch
Eap	Alaska x Paper Birch hybrid
Ep	Paper Birch (white)
Er	Red Birch
F	QUERCUS
Fc	Cascara
Fg	Garry Oak
G	Giller (Grey)
H	Choke Cherry
Hx	Red Alder
J	DOGWOOD
Dg	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
Mv	Vine Maple
Qg	Garry Oak
W	WILLOW
Wa	Pacific Willow
Wp	Pacific Willow
Wa	Peachleaf Willow (thin-ley's)
Wb	Scouler's Willow (broad-leaved)
Wr	Scouler's Willow
Y	YEW
Yp	Pacific Yew

UNKNOWN - OTHER

ZZ	UNKNOWN
ZC	unknown conifer
ZD	unknown deciduous
Z	OTHER (tree not listed)
Zc	other conifer
Zd	other hardwood

EXOTICS

Ae	Aspen
Ac	ASPEN, COTTONWOOD or POPLAR
Ep	Balsam Poplar (western)
BIRCH	
Ep	Paper Birch (western)
Eg	Swan Birch (swamp)
Dr	Yellow Birch
Ch	Chestnut
Ys	Sweet Cherry
Hx	Red Alder
Fc	Red Oak/Red Cedar
Fr	FIR (Subalpi)
Fd	Douglas Fir
Bc	Noble Fir
Bm	*Shasta Red Fir
Bp	Silver Fir
LARCH	
Lt	*Siberian Larch
Lk	Dahurian Larch
MAPLE	
Mb	Bur Elder
Mb	Bigleaf Maple
Mn	*Dynamore Maple
OAK	
Qg	Garry Oak
Qm	*White Oak
OTHER EXOTICS	
Ot	Common Pear
Ow	White Ash
Ob	*Blughbeck Hickory
Ok	Black Locust
Oc	Japanese Walnut
PINE	
Pm	*Monterey Pine
Pp	Pitch Pine
Pw	Weymouth Pine
SPRUCE	
Sr	*Serbian Spruce
Se	Englemann Spruce
Sb	*Black Spruce
Sc	*Coast Redwood
Sn	Norway Spruce (Lutz fern)
Sa	Siberian Fir (excurtiana)
Sf	Common Fir
Sp	Spruce (Hybrid)
Sw	White Ash
Ob	*Blughbeck Hickory
Ok	Black Locust
Oc	Japanese Walnut
PINE	
Pm	*Monterey Pine
Pp	Pitch Pine
Pw	Weymouth Pine
SPRUCE	
Sr	*Serbian Spruce
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Sn	Norway Spruce (Lutz fern)
Sa	Siberian Fir (excurtiana)
Sf	Common Fir
Sp	Spruce (Hybrid)

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 - 26.4
4	26.5 - 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 estimates in the local area are referenced at 50 years breast height age. SI is estimated when available from recent sampling activities. When 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 available SI trees cannot present, e.g. young regenerating stands. SI is based on the best information provided in Associated fields in the data base and inventory Type Group and SI estimated 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.
- s SHRUB LOW - shrub with average shrub height < two metres.

NON-TREED HERB
- g GRAMINOID - herb with no distinction between forbs and graminoids.
- H HERB - FORBS - herb with forbs > 50% of the herb cover.
- hg HERB - GRAMINOIDS - herb with graminoids > 50% of the herb cover.

NON-TREED MIXED
- mx MIXED - mixed with no distinction between mosses and lichens by cover.
- lm SHRUB - MOSS - tryoid with mosses, liverworts, and liverworts > 50% of the tryoid cover.
- lh SHRUB - LICHENS - tryoid with lichens > 50% of the tryoid cover.

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

w	WATER	mu	MUD/FLAT SEDIMENT
ww	BEACH	ou	RUBBLY MINE SPOILS
b	BLOCKFIELD	oc	OCEAN
bl	BLUFF	ow	WATER
bs	BARE SOIL	ol	RIVER/LAKE SEDIMENTS
cb	CUTBANK	oi	ICE/PERMANENT SNOW
mn	MINE/QUARRIES	or	RESERVOIR
gl	GLACIER	r	STREAM

Note: Water categories (w, ou, oc, or) are identified over 40 percent coverage.

rm	RESERVOIR MARGIN		
rw	RAILWAY SURFACE		
rs	RIVER SEDIMENTS		
s	SNOW/ICE		
t	TALUS		
v	VOLCANIC		

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

A	ASPECT	AF	ALPINE FORESTED
AF	ALPINE FOREST (Species	sp/gs	NON-PRODUCTIVE BRUSH
BR	BRUSH	SL	NON-PRODUCTIVE SLASH
CL	CLAY BANK	NFT	NON-PRODUCTIVE FOREST (Species
CU	CULTURAL	NTA	NOT TYPING AVAILABLE
GR	GRAVEL PIT	O	OPEN
ICE	ICEFIELD	F	WATERED
MUD	MUD FLAT	S	SNOW

SAND	SAND		
TIDE	TIDAL FLAT		
W	WATER		
NC	NON COMMERCIAL		
NCBR	NON COMERCIAL BIRCH		
NP	NON PRODUCTIVE		
NSR	Stocked but NOT to BE STOCKED		
NTA	NO TYPING AVAILABLE		

Line 6 - Disturbance History

Disturbance codes preceded by symbol, followed by earliest date.
For a complete list of disturbance type designation category, refer to official code list for sub-category descriptions.

A	Animal Damage	L	Logging
B	Wildfire	M	Mild 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

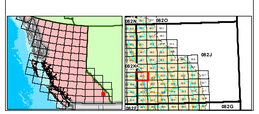
Example Opening History Details

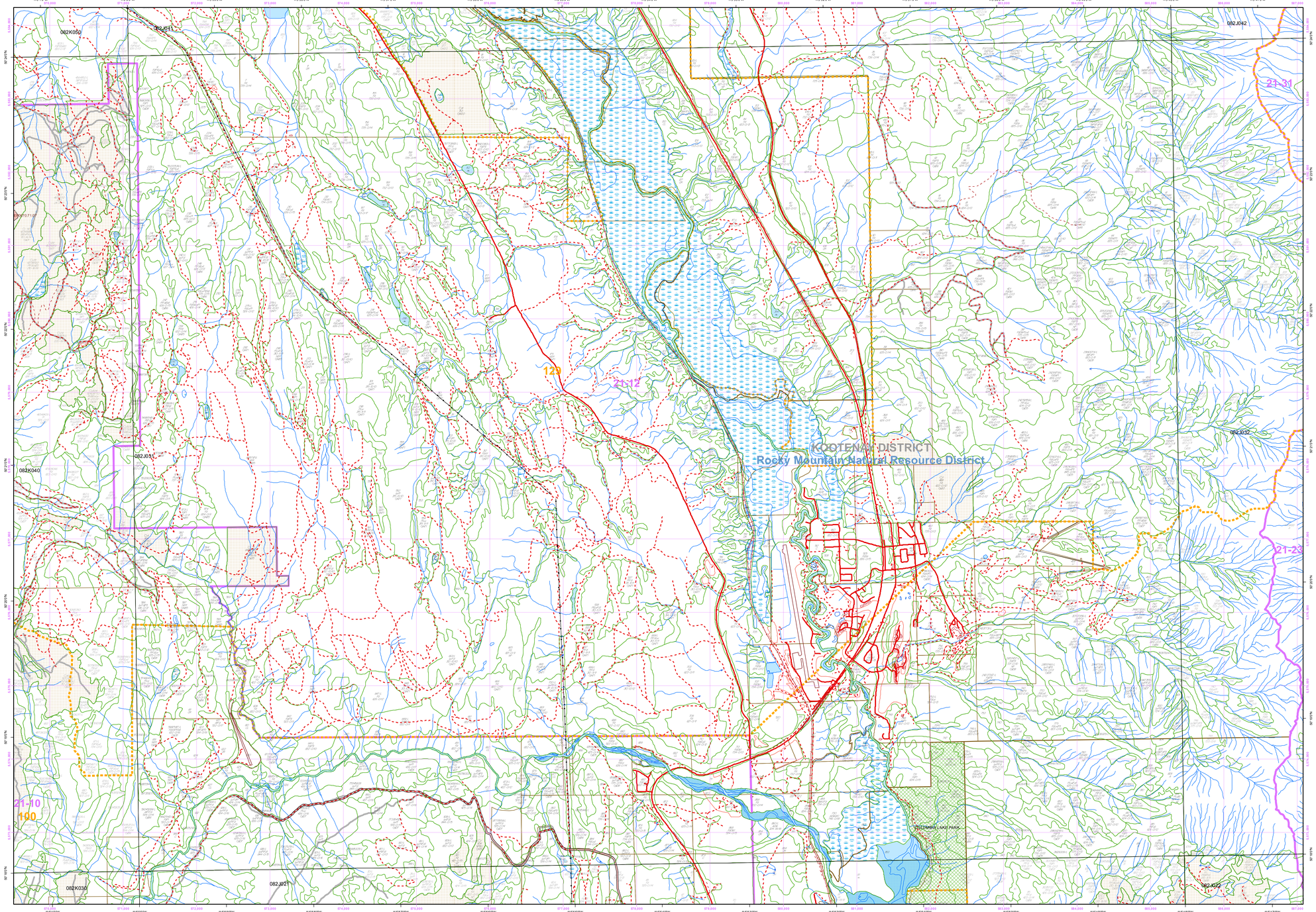
Detailed Silviculture information is available on the BCGW utilizing either RIP or ArcMap. The MapView example is of thinned RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view this type of detailed information. Select the SILVICULTURE 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 RETENTION FOREST COVER
WILDLIFE TREE PATCH







Overflow Labels

082J031