083D031

Vegetation Map
083D031

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

TRIM - Base Features:
- All Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Air Ferries
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydroelv/Glaciers - EBM
- Watercourses - EBM
- Waterbodies - EBM
- Wetlands - EBM
- Ocean - EBM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- RV 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 (> 1:200,000 No / 15 % hatch)
- Municipal boundary (< 1:200,000 No / 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:

SI 2 ED1 Fdi/Hw 3P 20 1987 DOTP

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 (01-10 Mt); crown closure class 1 (6-15%); SI 20m
5 Inventory Type Group (Ecosystem Productive Description)
ex: a treed 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

SI2 - opening number valid for BCGS mapsheet 2016 - 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

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	Sweetcle 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)
Pxj	Ponderosa Pine (yellow)
Ple	Shore Pine (coast)
Pw	Western White Pine
Pa	Whitebark Pine
S	SPRUCE
Sb	Black Spruce
Se	Engelmann Spruce
Sw	White Spruce
Sx	White Spruce
Sxl	Spruce hybrid
Sxw	Hybrid white
Sxe	Sitka x Unknown hybrid
Sxs	Sitka x Unknown hybrid
T	YEW
Tw	Western Yew

NATIVE HARDWOODS

D	ALDER
Dr	Red Alder
U	APPLE
Up	Pacific Crab Apple
A	ASPEN, COTTONWOOD or POPLAR
Ac	Poplar
Act	Black Cottonwood
Act	Black Cottonwood
Ax	hybrid Poplars
At	Trembling Aspen
E	BIRCH
Ea	Alaska Paper Birch
Ep	Alaska Paper Birch hybrid
Ew	Water Birch
Ey	Paper Birch (white)
K	Cascara
V	CHERRY
Vb	Bitter Cherry
Vc	Choke Cherry
Vm	Pin Cherry
Q	DOGWOOD
Qg	Pacific Dogwood (western flowering)
M	MAPLE
Mb	Bigleaf Maple (broadleaf)
Mv	Vine Maple
G	OAK
Gg	Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wp	Pacific Willow
Wpb	Pacific Willow (Barbey's)
Wpl	Pussy Willow (grey leaved)
Ws	Scouler's Willow
Wl	Sitka Willow (tree-leaved)

UNKNOWN - OTHER

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

EXOTICS

U	APPLE
Ue	Apple
A	ASPEN, COTTONWOOD or POPLAR
Ad	Southern Cottonwood
E	BIRCH
Ea	European Birch
Ep	Paper Birch (European)
Ey	Yellow Birch
V	CHERRY
Vi	Mazzard Cherry
Y	CYPRESS
Yp	Mont Orford Cedar
F	FIR (Balsam)
Bb	Balsam Fir
Bn	Noble Fir
Bm	Shasta Red Fir
Bl	White Fir
L	LARCH
Ld	Dahurian Larch
Le	Siberian Larch
M	MAPLE
Mr	Box Elder
Me	Norway Maple
Ms	Sycamore Maple
O	OAK
Oa	English Oak
Ow	White Oak
	OTHER EXOTICS
Ch	Horsechestnut
Cs	Giant Sequoia
Cr	Coast Redwood
Cd	European Mountain Ash
Ce	Siberian Elm (southern)
Cw	Common Alder
Cg	Dragon Ash
Ch	White Ash
Cl	Shagbark Hickory
Cj	Tree of Heaven
Ck	Japanese Walnut
	PINE
Pm	Monterey Pine
Pn	Austrian Pine
Ps	Scots 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	141-250
9	251 +

4b HEIGHT CLASS

CODE	LIMITS (metres)
1	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's are based on the nearest metre referenced at 50 years Breast Height Age. SI is based on the age and height of the leading species. 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 are not present, e.g. young stands (<30yrs). It is denoted by a slash which always precedes it. Recorded fields in the data base are Inventory Type Group and SI if estimated source code

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and I percents)

NON-TREED SHRUB
- s SHRUB (1m) - shrub with average shrub height > or = to two metres.
- sl SHRUB (>2m) - shrub with average shrub height > two metres.

NON-TREED HERB
- he HERB - 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 BRYOID
- by BRYOID - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID - MOSS - bryoid with mosses, liverwork, and hornwork > 50% of the bryoid cover.
- bl BRYOID - LICHENS - lichens > 50% of the bryoid cover.

NON-VEGETATED
- r Rock / Rubble
- w Snow / Ice

NON-VEGETATED CATEGORIES (for N and I percents)

ar	AIRPORT	m	MARINE
be	BEACH	l	LAKE
bl	BLOCKFIELD	b	LAVA BED
ds	DUNE SAND	r	RIVER
su	SURFACE MINE	s	POND or LAKE SEDIMENTS
cb	CUTBANK	mn	OPEN PIT MINE
es	EXPOSED SOILS	mm	MORAINE
gl	GLACIER	mu	MUDFLAT SEDIMENT
		mr	RUBBLY MINE SPOILS
		o	OCEAN
		rs	RIVER SEDIMENTS
		sn	SNOW COVER
		re	RESERVOIR
		rl	RIVER / STREAM
		rm	RESERVOIR MARGIN
		rn	RAILWAY SURFACE
		rs	RIVER SEDIMENTS
		ro	ROAD SURFACE
		tl	TILLAGE
		ti	TAILINGS
		u	URBAN

Note: Water categories (s, ou, re, rl) not labelled over 50 percent coverage.

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

A	ALPINE	NP	NON PRODUCTIVE
B	BURNED - FOREST Species	NPBRUSH	NON PRODUCTIVE BRUSH
C	CULTIVATED	NPBS	NON PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON PRODUCTIVE FOREST -Species
G	GRASS / HERB	NPL	NON PRODUCTIVE UNAVAILABLE
GR	GRAVEL PIT	OA	OPEN AGRICULTURE
ICE	ICEFIELD	P	HAYFIELD
M	MEADOW	R	ROCK
MUD	MUDFLAT	S	SWAMP
		SAND	SAND
		TC	TIDAL FLAT
		U	URBAN
		NC	NON COMMERCIAL
		NCBRUSH	NON COMERCIAL BRUSH
		NP	NON PRODUCTIVE
		NVS	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	R	Site Rehabilitation
B	Wildfire	M	Mine Damage	T	Treatment Injuries
C	Cone and Seed Insects	N	Non-Biological Injuries	U	Damage Unknown
D	Diseases - Trees	P	Cone and Seedling Fungal Pathogens	V	Problem Vegetation

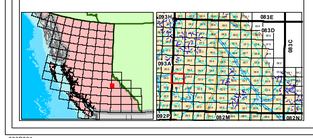
Example Opening History Details

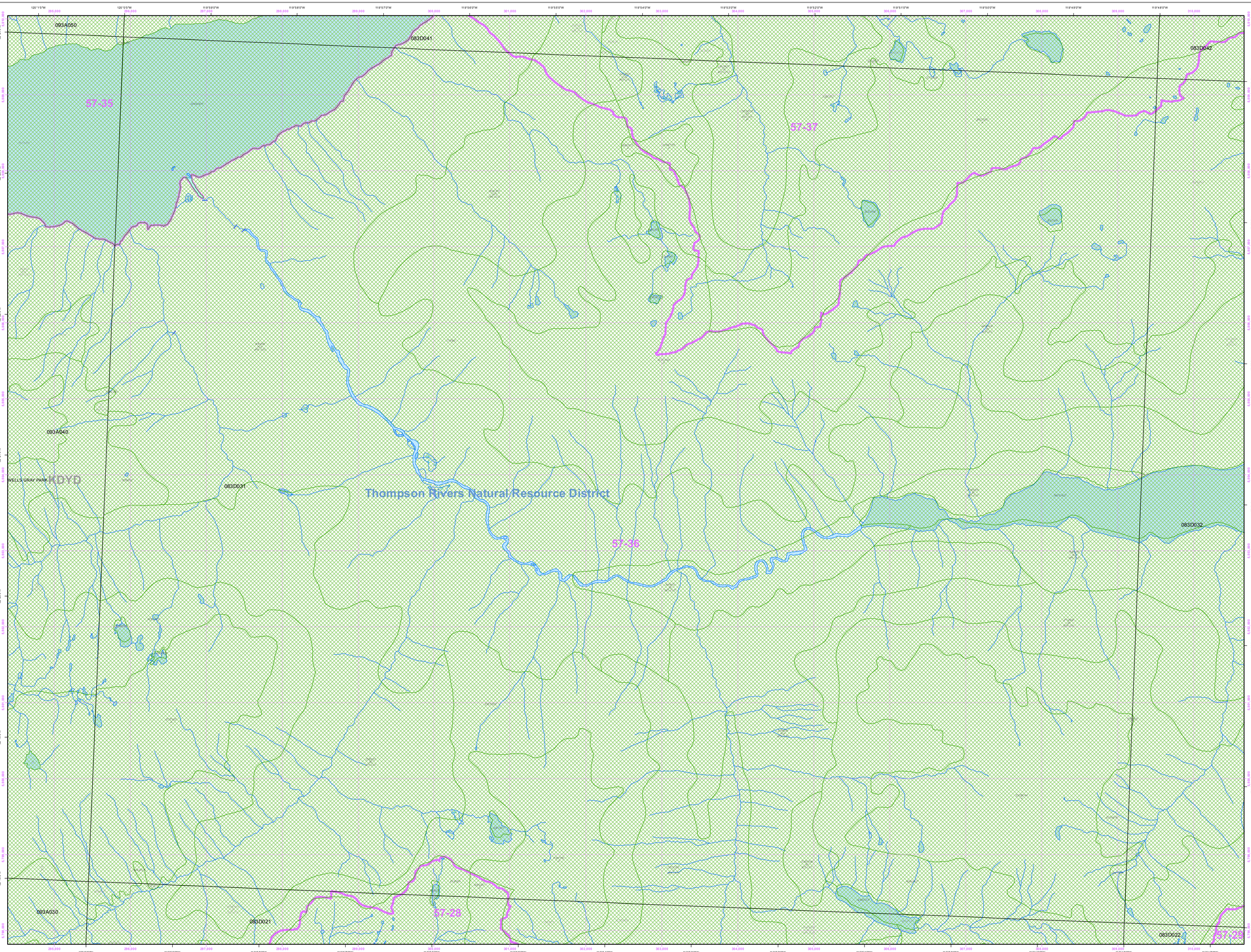
Detailed Silviculture information is available on the BCGW and through the Map Viewer Map. The MapView example is of the keyword RESULTS data.

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
WILDLIFE TREE PATCH







Overflow Labels

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