092E050

Vegetation Map
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BRITISH COLUMBIA
Ministry of Forests, Lands and Natural Resource Operations

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source: MFLNRO - VRMS / Ownership
Base Map Source: TRIM / Terrain

This map is created from information stored digitally in the BC Geographic Warehouse. The map has been annotated to show the location of Vegetation Resource Inventory (VRI) polygons. Some of the information shown on this hardcopy subset may not be complete and up to date (Cadastral, administrative boundaries and the Ownership colour theme are for reference purposes only. Legend versions June 2014).

Labels Projected To: January 1, 2015

MAP SYMBOLOGY

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

TRIM - Base Features:
- 4x Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airframes
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrodfeatures - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Coast - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FASM
- Km Region Compartment - FASM
- Provincial Forest area - FASM
- Timber Supply Area Block - FASM
- Tree Farm Licenses - FASM
- Land District boundaries
- Administrative boundary
- Survey Parcels - Parcels
- Municipal boundary (1:1,000,000 fac - 15 % fetch)
- Municipal boundary (1:1,000,000 fac - no fetch)
- 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:

CAT 1
FIRM 1
CRUS 1
ROCK 1
GOAT 1

LINE DESCRIPTION:
1 Silviculture symbol and Opening Number
2 Polygon Number and multi-layer label indicator (L)
3 Species Composition
a= the most important layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
4 Age, Height, Crown Closure Class Code - separated. Site Index / estimated SI
+/- equal to age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (6-15%), SI 20m
5 Species Composition - Non-Forested Vegetation Codes
ex: a herb 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

OGR - opening number valid for BCGS mapsheet
OGR# - 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 listed in their order of predominance. Major first Minor in brackets.
The following codes are based on TRIM B.C. Ministry of Forests Tree Code List* version 4.5 dated January 2009.

NATIVE CONIFERS

BG	BALSAM
C	CEDAR (Red Cedar)
Y	CYPRESS
D	DOUGLAS FIR
F	BALSAM and FIR
Fd	Douglas Fir
Fa	Amabilis Fir (Balsam) Fir
Fl	Alpine Douglas Fir
B	FIR (Balsam)
Ba	Amabilis Fir
Bg	Grand Fir
Bl	Subalpine Fir (Alpine)
H	HEMLOCK
Hm	Mountain Hemlock
Hw	Western Hemlock
Hwk	Western x Western Hemlock hybrid
J	JUNIPER
Jr	Rocky Mtn. Juniper
Js	Sabina (Juniper)
Jv	Juniper
L	LARCH (Larch)
La	Tamarack
Lw	Western Larch
P	PINE
Pa	Whitebark Pine
Pj	Lodgepole Pine (Interior)
Pjk	Lodgepole x Jack Pine hybrid
Pl	Lodgepole Pine (Coastal)
Pla	Shore Pine (Lodgepole)
Pw	Western White Pine
Py	Ponderosa Pine
PXJ	PINE x JUNIPER
S	SPRUCE
Se	Englemann Spruce
Sb	White Spruce
Sw	White Spruce
Sx	Spruce hybrid
Sxb	Spruce x White
Sxl	Sitka x White
Sxs	Sitka x unknown hybrid
Ss	Sitka Spruce
Yc	Western Yew

NATIVE HARDWOODS

A	ALDER
Ar	Red Alder
At	Sitka Alder
Ax	Alder hybrid
AC	BLACK COTTONWOOD or POPLAR
Ac	Poplar
Act	Black Poplar
Ae	Aspen Cottonwood
An	Aspen/Poplars
Ax	Aspen hybrid
AM	MAPLE
Ae	Arbutus
Ma	Maple
Mb	Bigleaf Maple
Mbm	Bigleaf Maple x Mtn. hybrid
Mp	Paper Birch (white)
Mv	Vine Maple
O	OAK/GARRY
Ac	Cascara
Ag	Garry Oak
Ab	Black Cherry
Ve	Choke Cherry
Vp	Pin Cherry
V	WOODWARD
Vb	Bitter Cherry (Indian peaches flowering)
W	WILLOW
Wp	Pacific Willow (coastrum)
Wr	Hard Hardack
G	Oak
Gb	Bur Garry Oak
W	WILLOW
Wb	Bebb's Willow
Wd	Drummond's Willow
Wf	Fascinal Willow (Barratry)
Wl	Field Willow (low leaved)
Wp	Pacific Willow
Ws	Sitka Willow (low leaved)

EXOTICS

XP	APPLE
Xb	BIRCH
Xc	BLACK COTTONWOOD or POPLAR
Xe	Southern Cottonwood
Xb	European Birch
Xbp	Paper Birch (Exotic)
Xh	Yellow Birch
XD	DECIDUOUS
Xc	Black Cherry
X	FIRS/SPRUCE
Xy	Yew (Other) Cedar
Xl	LARCH
Xa	Tamarack
Xw	Western Fir
Xm	Shasta Red Fir
Xs	Sitka Spruce
XM	MAPLE
Xl	Siebolds Larch
Xj	Japanese Larch
XMPX	MAPLE
Xb	Box Elder
Xm	Norway Maple
Xp	Planetree Maple
XO	OAK
Xg	English Oak
Xr	Red Oak
XP	OTHER BROADLEAVES
Xa	Arabian Cedar
Xc	Chilean Cedar
Xr	Coast Redwood
Xf	European Mountain Ash
Xm	Mountain Ash (Northern)
Xl	Common Pear
Xg	Dragon Ash
Xa	Black Ash
Xp	Pacific Ash
Xo	Oregon Ash
Xj	Japanese Walnut
XP	PINE
Xp	Monterey Pine
Xa	Aleppo Pine
Xr	Red Pine
XPX	SPRUCE
Xs	Serbian Spruce

UNKNOWN - OTHER

Xx	unknown conifer
Xh	unknown hardwood
Xn	unknown broadleaf (B)
Xl	other Larches
Xs	other hardwood

Line 4

4a. AGE CLASS

CODE	LIMITS (years)
1	1-20
2	21-40
3	41-80
4	81-80
5	101-120
6	121-140
7	141-250
8	141-250

4b. HEIGHT CLASS

CODE	LIMITS (metres)
1	0.1 - 10.4
2	10.5 - 16.4
3	16.5 - 25.4
4	25.5 - 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

All SI estimates in the research note referenced at 50 years breast height age. Site index is the average height of the dominant leading species. Where an estimate SI is observed, the age and height estimated SI is shown after, or replaces the SI.

4e. ESTIMATED SITE INDEX

SI is estimated when suitable SI trees exist present, e.g. Douglas-fir, Western Hemlock, Sitka Spruce, Amabilis Fir are present. Associated tests in the site base and inventory. Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES (for V and L layer=b)

NON-TREED SHRUB
- a SHRUB TALL - shrub with average shrub height > or = to 2 metres.
- b SHRUB LOW - shrub with average shrub height < than 2 metres

NON-TREED HERB
- hg 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 BRYOIDS - bryoid with no distinction between mosses and lichens by cover.
- bm BRYOID MOSS - bryoid with mosses dominant and covering > 50% of the bryoid cover.
- bl BRYOID LICHENS - bryoid with lichens > 50% of the bryoid cover.

NON-VEGETATED CATEGORIES (for V and L layer=bn)

ae	AIRPORT	gr	GRAVEL PIT
ar	ROCK	ic	ICE
b	BOULDERFIELD	l	LAKE BED
bi	BEDROCK	la	LANDING
c	CONSTRUCTION AREA	m	MINE SITE SEDIMENTS
cl	CUTBANK/CLIFF	o	OPEN PIT MINE
d	DUNE	r	RIVERBED/FLAT
dr	RUNOFF		
mu	MUSEUM SEDIMENT	rm	RESERVOIR MARGIN
mw	MUSEUM WIND EROS.	rs	RESERVOIR SEDIMENTS
oi	OCEAN	rs	RIVER SEDIMENTS
o	OTHER	s	ROAD SURFACE
p	POND/RESERVOIR	t	TALUS
r	RESERVOIR	w	WALL
rb	RIVERBED/FLAT		

Note: these categories (a, m, s) not totalled over 50 percent coverage.

NON-FOREST / NON-PRODUCTIVE DESCRIPTION CODES (for V = n or b=n)

A	ALPINE	NP	NON-PRODUCTIVE
AF	ALPINE FOREST (Species)	NPBR	NON-PRODUCTIVE BRUSH
CL	CULTIVATED	NPBS	NON-PRODUCTIVE BURN
CL	CLAY BANK	NPF	NON-PRODUCTIVE FOREST (Species)
GL	GLACIER ICE	NPL	NON-PRODUCTIVE LAKE
GR	GRAVEL PIT	OPN	OPEN MARKET
L	LANDING	R	RIVERBED
M	MEADOW	S	SWAMP
NOD	NON-FOREST		

SAND	SAND
SF	SILT FLAT
URBAN	URBAN
NC	NON COMMERCIAL
NCBR	NON COMMERCIAL BRUSH
NF	NON FORESTED
NSR	NOT SUFFICIENTLY RESTOCKED
WA	WATERMANAGEABLE

Line 6 - Disturbance History

Disturbance type code is 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-Forest Vegetation
D	Diseases (insects)	P	Cone and Seeding Fungal Pathogens
R	Site Rehabilitation		
T	Treatment Injuries		
U	Unknown Injuries		
V	Problem Vegetation		

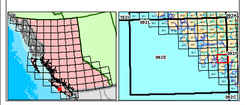
Example Opening History Details

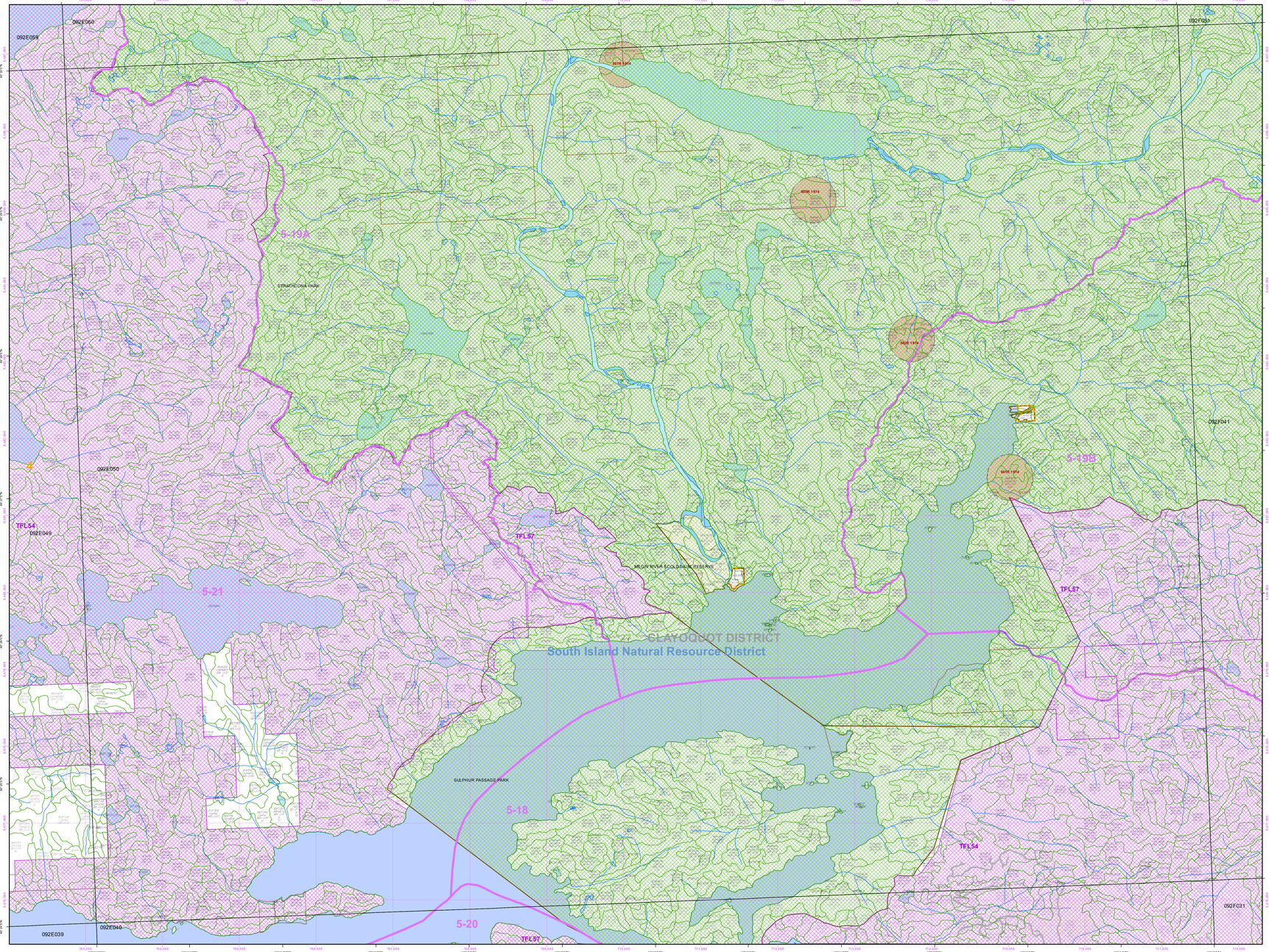
Detailed Silviculture information is available on the BCGW utilizing either MP or ArcMap. The Mapview example is of the old RESULTS data.

The Ministry of Forests, Mines and Lands web application MAPVIEW is available to view the type of detailed information. Click on the "Identify" button and then click on "Display Silviculture Area" to turn on display values for:

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







Overflow Labels

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