Vegetation Map
093C071

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 - VRIMS / Ownership
Base Map Source: TRIM / Tertiaris

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 on this map is derived from various sources. 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
- Structure Opening in Vegetation
- Permanent Sample Plot (SITE)
- Research Installations

TRIM. Base Features:
- All Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airfields
- Other lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydrolle/Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

Administrative Boundaries:
- BC Provincial Boundary
- MFLNRO Region boundary
- Resource District boundary - FADM
- BEC 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 No. - 1% % hatch)
- Municipal boundary (1:1,000,000 hub) - 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:

LINE DESCRIPTION
1 Polygon Number and Opening Number
2 Polygon Number and multi-layer stand indicator (L)
3 Species Composition
ex: the most important layer is described as Fd (Douglis Fir) and Hw (Western Hemlock)
4 Age, Height, Crown Closure Class Code - separator: Site Index / estimated SI
ex: 5 - 101-120 years old, 6 - 16.1-22.0 m tall, 5 - 61-70% crown closure class 1 (5-15%), SI 20m
5 Vegetated Density Class (or Non-Forest/Productive Description)
ex: a herb polygon with no distinction between forbs and graminoids, shrubs less that 2m.
6 Disturbance History & year - ex: Logged in 1976

Line 1 - History Record Opening Number

opening number valid for BCGS mapsheet — 2029 - opening number has not been assigned

Line 2 - Polygon No. / Multilayer

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 4.0 dabaed January 2009:

NATIVE CONIFERS
Cw - Western Red Cedar
Hw - Hemlock
Yc - Yellow Cedar
Ba - Balsam
Fd - Douglas Fir
Fdc - Coastal Douglas Fir
Fdi - Interior Douglas Fir
Bl - Subalpine Fir
Ew - Western White Pine
Ep - Pacific Yew
Pl - Lodgepole Pine (interior)
Plc - Lodgepole x Jack Pine hybrid
Pli - Lodgepole x Jeffrey Pine
Pli - Grand Fir
Pw - Western White Pine
Pw - Whitebark Pine
Pj - Jack Pine
Sb - Black Spruce
Se - Engelmann Spruce
Sx - Sitka Spruce
Sxe - Spruce hybrid
Sx - Spruce hybrid
Sxw - Sitka x White
Sxl - Sitka x Lutzi
Sx - Sitka x unknown hybrid
Sx - Spruce
Sy - Western Yew

NATIVE HARDWOODS
Ac - Black Cottonwood
Ad - Red Alder
Ag - Grey Alder
Ap - ASPEN, COTTONWOOD or POPLAR
Ap - Aspen
Ap - Balsam Poplar
Ap - Black Cottonwood
Ar - Grand Fir
At - Trembling Aspen
Bm - Bigleaf Maple
Bw - Alnus w
Bl - BIRCH
Bp - Alaska Paper Birch
Bpp - Alaska x Paper Birch hybrid
Bp - Paper Birch (white)
Bg - Grey Birch
C - CascCAR
Ks - Cascara
Ch - Chinkapin
Ce - Bitter Cherry
Ce - Choke Cherry
Ce - Pin Cherry
E - ELDERBERRY
Ed - Red Elderberry (western flowering)
M - MAPLE
Mv - Vine Maple (broadleaf)
Mv - Vine Maple
Q - OAK
Qg - Garry Oak
W - WILLOW
Wb - Bebb's Willow
Wl - Hooker Willow
Wp - Pacific Willow (Banksi's)
Wr - Pussy Willow (grey-leaved)
Wr - Scouler Willow
Wr - Sitka Willow (black-stem)

UNKNOWN - OTHER
Xh - unknown birch
Xm - unknown maple
Xh - unknown hardwood
Xh - Hardwood (Alder or Aspen)
Xc - Cedar species
Zh - other hardwood

EXOTICS
Ag - AGAR
Ag - Agave
ASPEN, COTTONWOOD or POPLAR
Ab - Alberta Cottonwood
BIRCH
Ea - European Birch
Ep - Paper Birch (exotic)
Ew - Cutleaf Weeping Birch
Cw - CEDAR
Vs - Sweet Cherry
Vp - Pin Cherry
Vp - *Hort Ornamental Cherry
FIR (Balsam)
Bn - Noble Fir
Bp - Nikko Fir
Bm - *Shasta Red Fir
Bm - Red Fir
LARCH
Lk - *Siberian Larch
Lk - Siberian Larch
MAPLE
Mb - Box Elder
Mp - Norway Maple
Mp - *Scanlence Maple
OAK
Qe - *English Oak
Qe - Pedunc Oak
OTHER EXOTICS
Oc - *Incense Cedar
Oc - *Japanese Cedar
Oc - *Cutleaf Weeping
Oe - European Mountain Ash
Oh - *Common Horse Chestnut
Oh - Common Pear
Op - Oregon Ash
Oq - *Chinese Quince
Oq - *Snapdragon Hickory
Oq - Tree of Heaven
Oq - *Japanese Walnut
PINE
Pn - *Monterey Pine
Pp - *Austrian Pine
Pp - Pitcher Pine
Pp - Pine
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	0.1 - 10.4
2	10.5 - 19.4
3	19.5 - 29.4
4	29.5 - 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 are shown in the revised metre referenced at 50 years. Site Index is based on the age and height of the leading species. When an accurate SI cannot be obtained from age and height, estimated SI is shown after an asterisk (ex SI)

4e. ESTIMATED SITE INDEX
SI is estimated using site information from a nearby stand which always precedes it. Associated fields in the data base are Inventory Type Group and SI Estimated source code.

Line 5 - Vegetation records

VEGETATED NON-TREE CATEGORIES: (for V and I records)
SB - SHRUB BROAD — shrub with average shrub height < or = to two metres.
SN - SHRUB TALL — shrub with average shrub height > to two metres.
SL - SHRUB LOW — shrub with average shrub height < two metres.
NON-VEGETATED
W - Water
I - Ice
R - Rock / Rubble
S - Snow / Ice

HE - 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-TREE BRYOID
BM - BRYOID MOSS — bryoid with no distinction between mosses and lichens by cover.
BL - BRYOID - LICHEN — bryoid with mosses, liverwort, and lichens > 50% of the bryoid cover.

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

AP - AIRPORT
BE - BEACH
BF - BURNED FIELD
BG - BOGHOLE
BL - BURNED AREA
BR - BEDROCK
CB - EXPOSED SOILS
CI - CLACIER
CL - CLAY BANK
D - DRAINS, BAR
DL - DELTA, LAKE
DF - EDIFIELD
M - MEADOW
MF - MUDFLAT
GP - GRAVEL PIT
L - LAKE
LG - LAGOON
LS - LANDING
P - POND or LAKE SEDIMENTS
PM - PEAT MINE
S - SEDIMENT
Note: these categories (e. ex. H, C) not labelled over 50 percent coverage.
MS - MUDFLAT SEDIMENT
RM - RUBBLY MINE SPOILS
S - SNOW
U - OTHER
SC - SNOW COVER
SI - SEA / OCEAN
RIVER / STREAM
RR - RESERVOIR MARGIN
R - RAILWAY SURFACE
RS - ROCK / RUBBLE
R - ROAD SURFACE
R - TALUS
U - UNKNOWN
U - URBAN

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

AF - ALPINE FOREST (Species
NPBR - NON-PRODUCTIVE BRUSH
NPF - NON-PRODUCTIVE FOREST
NPF - NON-PRODUCTIVE FOREST (Species
NTA - NOT TYPING AVAILABLE
OPEN - OPEN
CRYPTO
ROCK
SWAMP
BAR - BARE
TIDE - TIDAL FLAT
URBAN
NC - NON COMMERCIAL
NCB - NON COMMERCIAL BRUSH
NP - NON PRODUCTIVE
NSR - NOT SUFFICIENTLY RESTOCKED
NTA - NOT TYPING AVAILABLE

Line 6 - Disturbance History

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

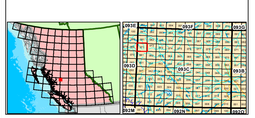
A Animal Damage
B Wildfire
C Competing Breed Insects
D Diseases
I Insects
L Logging
M Mite Damage
N Non-Forest Caused Injuries
P Cone and Seedling Fungal Pathogens
R Site Rehabilitation
T Treatment Injuries
W Damage Unspecified
V Problem Vegetation

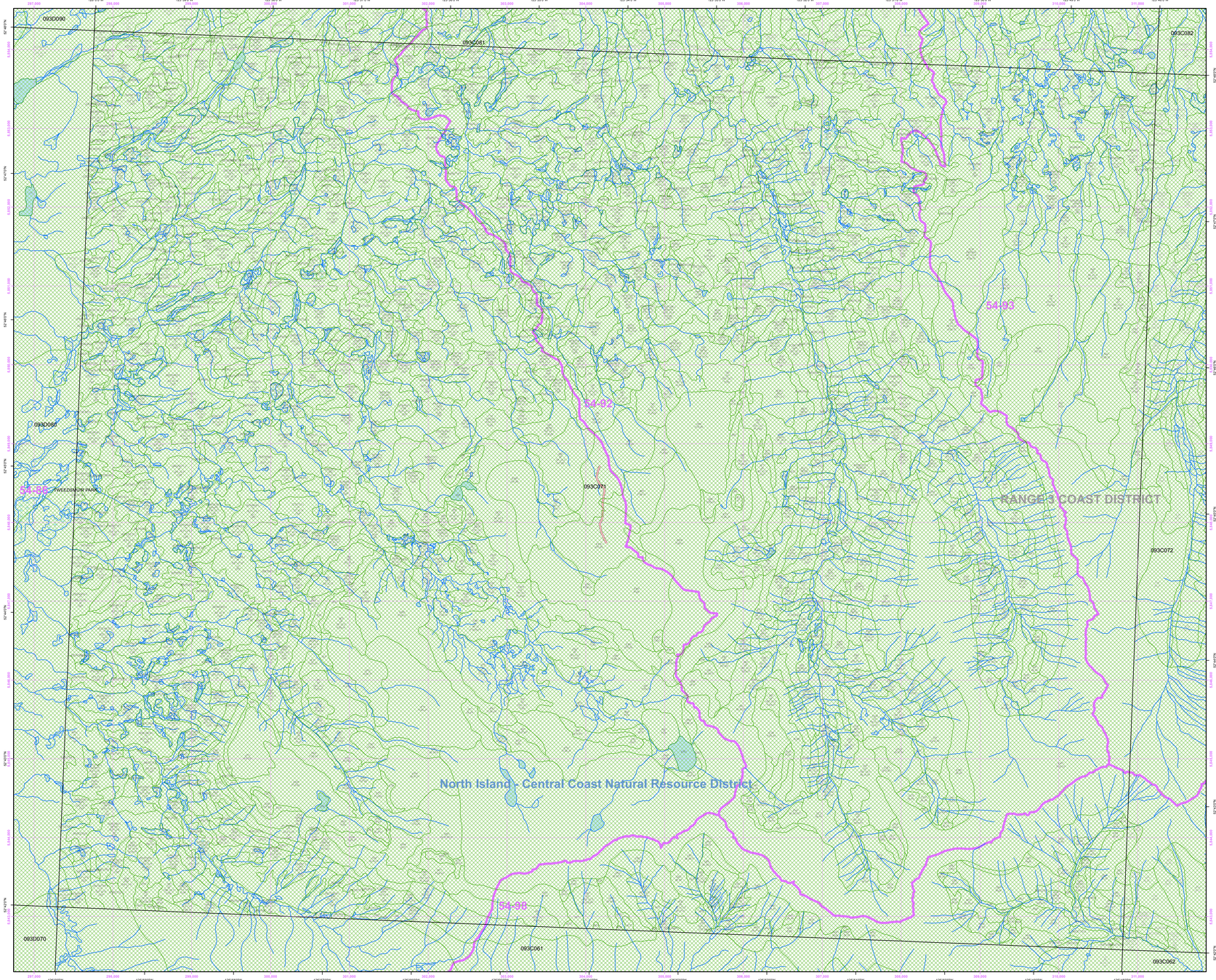
Example Opening History Details

Detailed Structure information is available on the BCGW utilizing either IMF or ArcMap. The MapView example is shown below in ArcMap.

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
WILDLIFE WINTER FOREST COVER
WILDLIFE TREE PATCH





Overflow Labels