092H013

Vegetation Map
092H013

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometers

0 0.25 0.5 Miles

Vegetation Data Source : MFLNRO - VRMD / 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 on this map may not be complete and is to scale. Cadastral, administrative boundaries and the Ownership colour theme are for reference only and do not represent a boundary survey.

Labels Projected To: January 1, 2019

MAP SYMBOLOGY

Forest Inventory Features:
- Forest Vegetation Polygons
- Immature Opening or Vegetation
- Permanent Sample Plot (1970)
- Research Installations

TRIM_Base Features:
- Ice Built Roads
- Forest Tenure Road Lines
- Paved Roads
- Rough Roads
- Trails/Cutlines
- Railways
- Airf/Lanes
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Hydro/Aux/Barriers - ESM
- Watercourses - ESM
- Waterbodies - ESM
- Wetlands - ESM
- Ocean - ESM

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

Other:
- NTS/3I 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
4 Age, Height, Crown Closure (Primary Layer is described as Fd (Douglas Fir) and Hw (Western Hemlock).
Fd Age, Height, Crown Closure Class Code - separator - Site Index / estimated SI
ex: stand is age class 2 (21-40 yrs), height class 1 (0.1-10.4m), crown closure class 1 (5-15%), SI 20m
Hw Age, Height, Crown Closure Class Code - separator - Site Index / estimated SI
ex: a feeb polygon with no distinctive landscape features and grasmoids, shrubs less that 2m.
6 Disturbance History 5 year - ex: Logged in 1978

Line 1 - History Record Opening Number

xxxx - opening number valid for BCGS mapsheet zzzz - opening number has not been assigned

Line 2 - Polygon No. / Multi-layer

1 Polygon number is assigned as one to nine digits.
L Multi-layered stand or separate stand information 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.
Species codes are based on "The Standard for Forests Tree Codes Version 1.0" published January 2009.

NATIVE CONIFERS
- C CEDAR
- CW Western Red Cedar
- Y YEW
- YC Yellow Cedar
- D DOUGLAS-FIR
- F Douglas Fir
- FD Interior Douglas Fir
- FH Inland Douglas Fir
- H HEMLOCK
- HW Western Hemlock
- HM Mountain Hemlock
- B BALSAM
- BA Amabilis Fir
- BG Grand Fir
- BL Subalpine Fir (alpine)
- PW PINE,WHITE
- PA Whitebark Pine
- PL Lodgepole Pine
- PLI Lodgepole x Jack Pine Hybrid
- PLC Lodgepole Pine (contorta)
- PLH Lodgepole Pine (Interior)
- PJ Jack Pine
- PY Ponderosa Pine
- PR Red Pine
- PS Scots Pine
- PF Limber Pine
- PFA Limber Pine (Alberta)
- PFI Limber Pine (Interior)
- PXJ Lodgepole x Jack Pine Hybrid
- PXS Scots x Lodgepole Pine Hybrid
- PP Shore Pine (Inland)
- PSH Shore Pine (Coastal)
- PW Whitebark Pine
- S SPRUCE
- SB Black Spruce
- SE Engelmann Spruce
- SS Sitka Spruce
- SW White Spruce
- SX Spruce Hybrid
- SXE Engelmann x White
- SXL Sitka x White
- SXW Sitka x Lehmann Hybrid
- T TAMARACK
- W Western Yew

NATIVE HARDWOODS
- E ALDER
- AT Alaska Paper Birch
- AX ASPEN
- AC Pacific Dogwood
- AX ASPEN, COTTONWOOD or POPLAR
- AT Trembling Aspen
- AC Black Cottonwood
- AH Hybrid
- B BIRCH
- EP Paper Birch
- EY Yellow Birch
- BB BIRCH
- BP Alaska x Paper Birch Hybrid
- EP Paper Birch
- EY Yellow Birch
- C CASCARA
- D DOGWOOD
- G GARRY OAK
- H HARDWOOD
- HX Undetermined broadleaf
- M MAPLE
- MB Bigleaf Maple
- MV Vine Maple
- O OAK
- OG Garry Oak
- OR Red Oak
- OW White Oak
- P POPLAR
- PA Trembling Aspen
- PB Pacific Willow
- PH Hybrid Poplar (Balsam/Aspen)
- PW Hybrid Willow (prior to Version)
- PX Hybrid Poplar
- PY Cottonwood (Balsam)
- R RED ALDER
- RA Red Alder
- V WILLOW
- VB Black Willow
- VP Prairie Willow
- VS Sitka Willow
- VW Willow (undetermined)

EXOTICS
- AP APPLE
- AX ASPEN
- AP APPLE, COTTONWOOD or POPLAR
- AT Northern Cottonwood
- AC Poplar
- EA European Birch
- EP European Mountain Ash
- EY Yellow Birch
- F FIR
- FG Grand Fir
- CYPRESS
- CW Western Red Cedar
- CY Cypress
- LARCH
- LA Alpine Larch
- LW Western Larch
- PINE
- PA Whitebark Pine
- PF Limber Pine
- PJ Jack Pine
- PL Lodgepole Pine
- PLC Lodgepole Pine (contorta)
- PLI Lodgepole x Jack Pine Hybrid
- PLH Lodgepole Pine (Interior)
- PP Shore Pine (Inland)
- PW Whitebark Pine
- PY Ponderosa Pine
- PR Red Pine
- PS Scots Pine
- SPRUCE
- SB Black Spruce
- SE Engelmann Spruce
- SS Sitka Spruce
- SW White Spruce
- SX Spruce Hybrid
- SXE Engelmann x White
- SXL Sitka x White
- SXW Sitka x Lehmann Hybrid
- YEW
- YC Yellow Cedar
- YD Pacific Yew
- YW Western Yew

UNKNOWN - OTHER
- ZC UNKNOWN
- ZH Undetermined conifer
- ZX Undetermined broadleaf
- ZZ Undetermined tree
- ZU other conifer
- ZV other hardwood

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 - 13.4
3	13.5 - 16.4
4	16.5 - 19.4
5	19.5 - 22.4
6	22.5 - 25.4
7	25.5 - 28.4
8	28.5 - 31.4
9	31.5 - 34.4
0	34.5 - 37.4
A	37.5 - 40.4
B	40.5 - 43.4
C	43.5 - 46.4
D	46.5 - 49.4
E	49.5 - 52.4
F	52.5 - 55.4
G	55.5 - 58.4
H	58.5 - 61.4
I	61.5 - 64.4
J	64.5 - 67.4
K	67.5 - 70.4
L	70.5 - 73.4
M	73.5 - 76.4
N	76.5 - 79.4
O	79.5 - 82.4
P	82.5 - 85.4
Q	85.5 - 88.4
R	88.5 - 91.4
S	91.5 - 94.4
T	94.5 - 97.4
U	97.5 - 100.4
V	100.5 - 103.4
W	103.5 - 106.4
X	106.5 - 109.4
Y	109.5 - 112.4
Z	112.5 - 115.4
+	115.5 - 118.4
=	118.5 - 121.4
?	121.5 - 124.4
@	124.5 - 127.4
%	127.5 - 130.4
&	130.5 - 133.4
*	133.5 - 136.4
(	136.5 - 139.4
)	139.5 - 142.4
!	142.5 - 145.4
~	145.5 - 148.4
^	148.5 - 151.4
;	151.5 - 154.4
:	154.5 - 157.4
,	157.5 - 160.4
.	160.5 - 163.4
/	163.5 - 166.4
\	166.5 - 169.4
"	169.5 - 172.4
'	172.5 - 175.4
<	175.5 - 178.4
>	178.5 - 181.4
[	181.5 - 184.4
]	184.5 - 187.4
{	187.5 - 190.4
}	190.5 - 193.4
$	193.5 - 196.4
#	196.5 - 199.4

4c. CROWN CLOSURE CLASS

CODE	LIMITS (percentage)
1	5 - 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
SI is an estimate of the average height of dominant trees at breast age.

4e. ESTIMATED SITE INDEX
SI is estimated when suitable SI trees cannot present. e.g. Site Index estimated from Table 1 using the Site Series (ecosystem) procedure if associated Biogeoclimatic data is available in the data base are inventory.
Type Group and SI Estimated source code.

Line 5 - Vegetation records 1

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

NON-TREES SHRUB
- SP SHRUB (Tall) — shrub with average shrub height > or = to two metres.
- SW SHRUB (Low) — shrub with average shrub height < than metres.

NON-TREES HERB
- HE HERB - FORBS — herb with no distinction between forbs and graminoids.
- HG HERB - GRAMINOIDS — herb with graminoids > 50% of the herb cover.

NON-TREES MIXED
- MX MIXED — shrub with no distinction between trees and forbs by cover.
- MG MIXED - GRASS — shrub with graminoids > 50% of the shrub cover.
- MH MIXED - FORBS — shrub with forbs > 50% of the shrub cover.

NON VEGETATED
- ICE PERMANENT ICE
- R ROCK / RUBBLE
- W Water Ice

NON-VEGETATED CATEGORIES (for V and I records):
- AF AIRPORT
- AP APRON
- BU BUILDING
- CB CANAL/DITCH
- CU CUTBANK
- DA DAM/LEVEE
- DL DUMP
- GA GRAVEL PIT
- GB GRAVEL BAR
- ICE ICEFIELD
- MI MINE
- MUD MUD FLAT
- PA PARKING AREA
- PL PIPELINE
- PLY MUSPLAT SEDIMENT
- PO PUBLIC WORKS YARDS
- RA RAILWAY
- RD ROAD
- RE RESERVOIR
- RI RIVER
- S SAND
- SA SALT
- SC SCREE
- SE SEWAGE
- SI SILT
- SN SNOW
- TA TAILINGS
- TR TRAIL
- WORKING Note: Water categories 5a, 5c, or 5d identified over 50 percent coverage.
- RM RESERVOIR MARGIN
- RS RIVERBANK SEDIMENTS
- RV RIVER SEDIMENTS
- SB SANDBAR
- TILLS TILLS
- TA TAILINGS
- TR TRAIL

NON FOREST / NON-PRODUCTIVE DESCRIPTOR CODES (for F records):
- AT ALPINE TUNDRA
- ATF ALPINE TUNDRA (Tall)
- ATG ALPINE TUNDRA (Graminoid)
- ATH ALPINE TUNDRA (Herb)
- ATS ALPINE TUNDRA (Shrub)
- CL CLAY BANK
- CR CREVICED ROCK
- DUNE DUNES, PIT
- ICE ICEFIELD
- MUD MUD FLAT
- ROCK ROCK OUT
- SAND SAND
- SCRUB NON-PRODUCTIVE BRUSH
- SNOW SNOW
- NPF NON-PRODUCTIVE FOREST (Species)
- NPL NON-PRODUCTIVE LOW BRUSH
- NPS NON-PRODUCTIVE SHRUB
- NPT NON-PRODUCTIVE TREES
- NC NON COMMERCIAL
- NCB NON COMMERCIAL BRUSH
- NP NON PRODUCTIVE
- NPBR NON PRODUCTIVE BRUSH/WOODS
- NTA NOT 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
- B Broken Tops
- C Cone and Seed Insects
- D Disease
- L Logging
- M Wild Damage
- N Non-Forest Damage Injuries
- O Cone and Seedling Fungal Pathogens
- S Site Rehabilitation
- T Treatment Injuries
- U Undetermined
- V Problem Vegetation

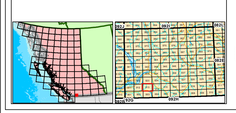
Example Opening History Details

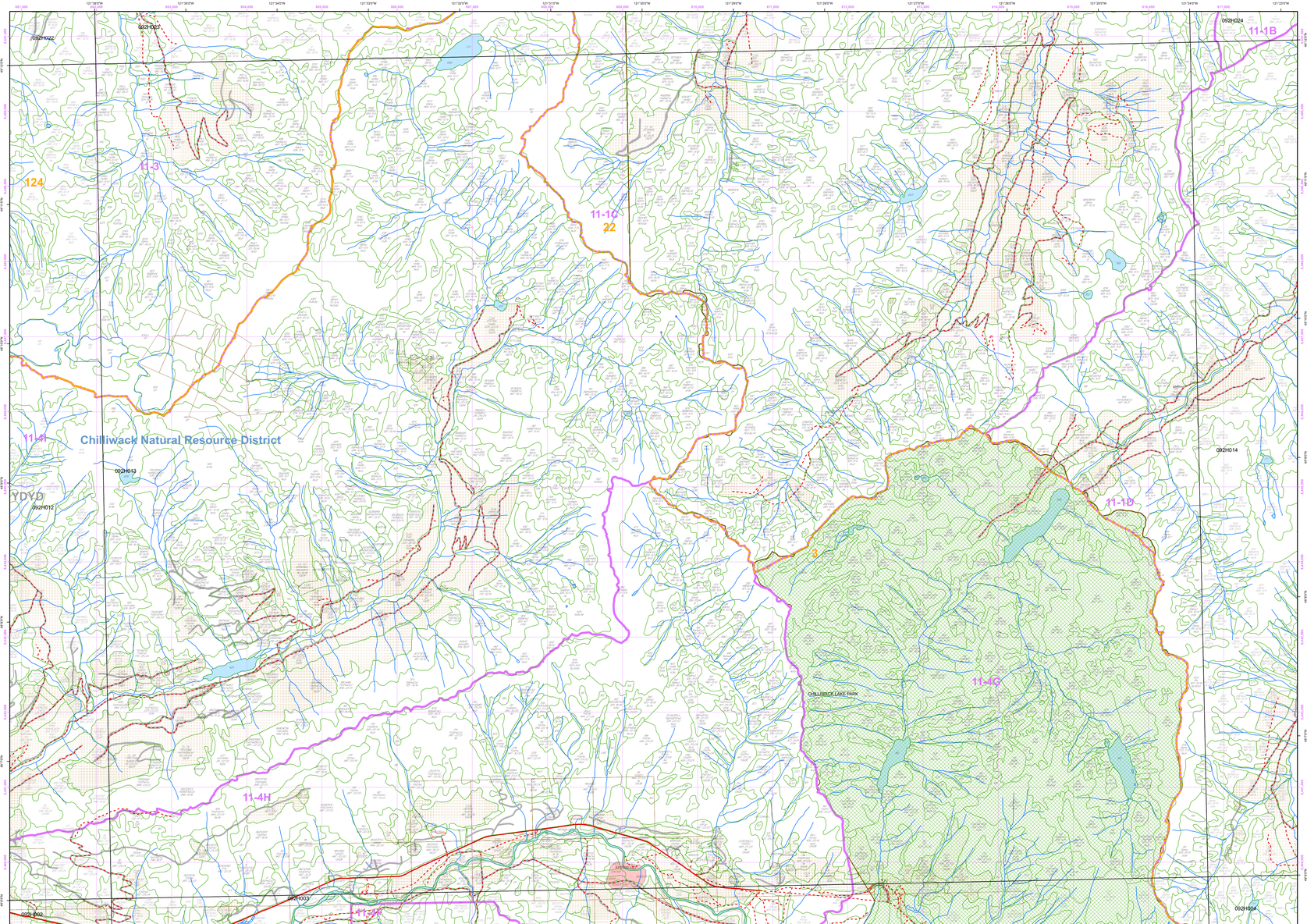
Detailed Silviculture information is available on the BCGW
Ministry of Forests, Lands, and Natural Resource example is
of Ranked RESULTS data.

The Ministry of Forests, Mines and Lands web application
SILVIFOR is available to view this type of detailed information.
Select the SILVICULTURE tab then click on "Display
Silviculture Records" to turn on displays such as:

OPENING
OPENING LABELS
SILVICULTURE PLANNED ACTIVITY
ACTIVITY TREATMENT UNIT
STANDARDS UNIT
WILDLIFE TREE FOREST COVER
WILDLIFE TREE PATCH







Overflow Labels

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