082L012

Vegetation Map

082L012

Scale 1:20,000

0 0.25 0.5 0.75 1 Kilometres

0 0.25 0.5 1 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 structured to display the information in the best way for the purpose of this map. The Province of British Columbia does not warrant that it is error free, accurate or complete and disclaims all responsibility and all liability for the use of or reliance upon the data, the information, the maps and any derivative thereof, including but not limited to boundaries and the Ownership colour Forms are approximate and not to be used for legal purposes.

Lakes Projected for January 1, 2016

**MAP SYMBOLOGY**

**Forest Inventory Feature**
- Forest Vegetation Polygons
- Structural Opening or Vegetation
- Permanent Sample Plot (2010)
- Research Installations

**TRIM_Base Feature**
- Ice And Snake
- Power Transmission Lines
- Power Poles
- Trails/Cutlines
- Railways
- Rail Centres
- Other Lines
- Powerline
- Pipeline
- Buildings
- Misc Areas
- Misc Lines
- Water Lines
- Rock/Boulderfields - 0.5M
- Wetland Areas - 0.5M
- Watercourse - 0.5M
- Waterbody - 0.5M
- Ocean - 0.5M

**Administrative Boundaries**
- BC Provincial Boundary
- BC/AB Region Boundary
- Resource District boundary - FADM
- MOF Region Compartment - FADM
- Provincial Forest area - FADM
- Tree Farm Area (Non-Replaceable) - FADM
- Tree Farm Licensee - FADM
- Land District Boundary
- Administrative boundary
- Survey Parcels - Surveyed
- Municipal boundary (1:1,000,000 - 1:5 M Scale)
- Municipal boundary (1:250,000 - 1:1 M Scale)
- National Parks
- Park Reserve
- Provincial Parks
- Ecological Reserves
- Protected Areas
- Recreation Areas

**Other**
- NTS/BCGS Map Sheet 50 K (1:250,000)

## VEGETATION LABEL DETAILS

**Example of a Vegetation Label:**

LINE DESCRIPTION
1 Polygon Number and Opening Number
2 Polygon Number and multi-storied stand/ variable/ (L)
3 Species Composition
4 Age, Height, Crown Closure (age is described as FIZ (Simple FI) and the (Western Hemlock) Site Index is described as SI (Site Series) - separated - this value - estimated at 5 yrs)
5 Vegetation Density Class (or Non-Forest/Productive Description)
6 Structure Stage (or Non-Forest/Unproductive Description) - for non-forest grasslands, shrubs less that 2m
7 Disturbance History & year - ie. Logged in 1979

**Line 1 - History Record Opening Number**

opening number used in ACCESS/Inventory

**Line 2 - Polygon No + Multi-layer**

Multi-layered stand polygon number and ml-ve layer
Multi-layered stand (i.e. separate description of each layer) is available in the data base, ( ie. (L)

**Line 3 - BC Tree Codes List**

Species Composition Symbols 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 dated January 2003.

**NATIVE CONIFERS**

| | |
|---|---|
| AC | Amabilis Fir |
| B | Balsam |
| Ba | Alpine Fir |
| Bg | Grand Fir |
| Bl | Subalpine Fir |
| Bp | Pacific Silver Fir |
| Bs | Interior Douglas Fir |
| C | Cedar |
| Cw | Western Redcedar |
| D | Douglas Fir |
| E | Engelmann Spruce |
| Ep | Pacific Yew |
| F | Fir |
| H | Hemlock |
| Hm | Mountain Hemlock |
| Hw | Western Hemlock |
| Hxm | Hybrid Hw x Western Hemlock |
| J | Juniper |
| L | Larch |
| La | Subalpine Larch |
| Lt | Tamarack |
| P | Pine |
| Pa | Whitebark Pine |
| Pf | Limber Pine |
| Pl | Lodgepole Pine |
| Plc | Lodgepole Pine Contorta |
| Pli | Lodgepole Pine Latifolia |
| Pm | Mountain Pine |
| Pw | Pine White Variable |
| Py | Ponderosa Pine |
| Pyi | Ponderosa Pine Jeffrey |
| Ss | Sitka Spruce |
| Sw | White Spruce |
| Sx | Spruce Hybrid |
| Sxe | Sitka x Engelmann |
| Sxl | Sitka x White |
| Sxs | Spruce Hybrid Unknown |
| Y | Yew |
| Yc | Yellow Cedar |

**NATIVE HARDWOODS**

| | |
|---|---|
| A | Alder |
| Ac | Alder Red |
| At | Alder Sitka |
| Ay | Alder Yellow |
| Ax | Alder Hybrid |
| Ep | Poplar (Cw Hybrid x POPLAR) |
| Ex | Poplar Hybrid |
| Ma | Maple |
| Mb | Maple Bigleaf |
| Mv | Maple Vine |
| Mx | Maple Hybrid |
| Q | Oak |
| Qg | Oak Garry |
| R | Arbutus |
| Vp | Cherry Pin |
| Vv | Cherry Choke |
| W | Willow |
| Wa | Willow Black |
| Wp | Willow Pacific |
| Wr | Willow Red |
| Ws | Willow Scouler |
| Wy | Willow Yellow |
| Wx | Willow Hybrid |
| Xc | Crabapple |
| Xh | Hawthorn |
| Xm | Mountain Ash |
| Xp | Pear Wild (white) |
| Xs | Saskatoon |
| Xt | Trembling Aspen |
| Xw | Mountain Ash Sitkan |
| Xx | Hardwood |
| Z | Unknown |
| Zd | Dogwood |
| Zh | Hardwood Unknown Sweetcap |
| Zm | Maple Mock (white) |
| Zr | Rose |
| Zs | Shrub |
| Zu | Soopolallie |
| Zv | Viburnum |
| Zw | Willow Unknown |
| Zx | Hardwood Unknown |

**EXOTICS**

| | |
|---|---|
| Ae | Spruce Norway |
| Ag | Spruce Colorado Blue |
| Ap | Ponderosa Pine |
| Ar | Redcedar Western |
| Ba | Balsam |
| Bm | Douglas Fir Blue |
| Bn | Douglas Fir Green |
| Bp | Douglas Fir Purple |
| Bu | Douglas Fir Blue |
| Bv | Douglas Fir Green |
| Bw | Douglas Fir Blue |
| Bx | Douglas Fir Hybrid |
| Ce | Cedar Deodar |
| Cl | Cedar Atlas |
| Cp | Cypress Nootka |
| Cs | Cypress Sawara |
| Cx | Cypress Hybrid |
| Ea | Spruce Engelmann |
| Ee | Spruce Engelmann |
| Ep | Spruce Engelmann |
| Ex | Spruce Hybrid |
| Fa | Fir Alpine |
| Fb | Fir Balsam |
| Fg | Fir Grand |
| Fn | Fir Noble |
| Fp | Fir Pacific Silver |
| Fs | Fir Subalpine |
| Fx | Fir Hybrid |
| Hm | Hemlock Mountain |
| Hw | Hemlock Western |
| Hx | Hemlock Hybrid |
| Jc | Juniper Chinese |
| Jh | Juniper Hybrid |
| Jr | Juniper Rocky Mtn |
| Lk | Larch Japanese |
| Lx | Larch Hybrid |
| Pa | Pine Austrian |
| Pc | Pine Contorta |
| Pd | Pine Scots |
| Pf | Pine Limber |
| Pj | Pine Japanese Red |
| Pm | Pine Mugo |
| Pn | Pine Austrian |
| Pp | Pine Ponderosa |
| Pr | Pine Red |
| Ps | Pine Scots |
| Pw | Pine White |
| Px | Pine Hybrid |
| Sa | Spruce Alaska |
| Sb | Spruce Black |
| Sc | Spruce Colorado |
| Sd | Spruce Dragon |
| Se | Spruce Engelmann |
| Sg | Spruce Engelmann |
| Sh | Spruce Hybrid |
| Sk | Spruce Koster |
| Sn | Spruce Norway |
| Sp | Spruce Prickly |
| Sr | Spruce Red |
| Ss | Spruce Sitka |
| Sw | Spruce White |
| Sx | Spruce Hybrid |
| Ya | Yew Japanese |
| Yb | Yew Brevifolia |
| Yh | Yew Hybrid |
| Yp | Yew Pacific |

**Line 4**

**4a. AGE CLASS**

| | |
|---|---|
| CODE | AGE (in years) |
| 1 | 1 - 20 |
| 2 | 21-40 |
| 3 | 41-60 |
| 4 | 61-80 |
| 5 | 81-100 |
| 6 | 101-120 |
| 7 | 121-140 |
| 8 | 141-160 |
| 9 | 161 + |

**4b. HEIGHT CLASS**

| | |
|---|---|
| CODE | HEIGHT (in metres) |
| 1 | 0.1 - 4.0 |
| 2 | 4.1 - 7.0 |
| 3 | 7.1 - 10.0 |
| 4 | 10.1 - 13.0 |
| 5 | 13.1 - 16.0 |
| 6 | 16.1 - 19.0 |
| 7 | 19.1 - 22.0 |
| 8 | 22.1 - 25.0 |
| 9 | 25.1 + |

**4c. CROWN CLOSURE CLASS**

| | |
|---|---|
| CODE | CLOSURE (in percentage) |
| 1 | 0 - 5 |
| 2 | 6 - 10 |
| 3 | 11 - 20 |
| 4 | 21 - 30 |
| 5 | 31 - 40 |
| 6 | 41 - 50 |
| 7 | 51 - 60 |
| 8 | 61 - 70 |
| 9 | 71 - 80 |
| A | 81 - 90 |
| B | 91 - 100 |

**4d. SITE INDEX**

SI is expressed as the natural tree referenced for given species and site series. Site index curves are based on stem analysis method and provide an index to site productivity. Site index is the average height of dominant trees at a specified age.

**4e. DISTINCT E SITE SERIES**

If a numerical site number is to be entered please, e.g. Site Series 01 for Douglas Fir / Salal / Feathermoss, 02 for Douglas Fir / Salal / Kindbergia, 03 for Douglas Fir / Salal / Hylocomium. Refer to Field Guide to Site Identification and Interpretation for Southern Interior Forest Regions for a complete site series description.

**Line 5 - Vegetation records**

**VEGETATION NON-TREE CATEGORIES - Shrub and Low-Herbs**

| | |
|---|---|
| A | Alpine Tundra |
| B | Bryoid Moss |
| C | Cryptogam (Lichen) |
| D | Dwarf Shrub |
| F | Forb |
| G | Grass |
| L | Lichen |
| S | Shrub |

**NON-VEGETATED**

| | |
|---|---|
| Ar | Rock Talus |
| Ru | Rubble |
| Sa | Sand |
| Sc | Scree |
| Sn | Snow / Ice |

**NON-TREE SHRUB**

| | |
|---|---|
| Sh | Shrub with no distinction between tall and dwarf shrubs. |
| Sl | Shrub with no distinction between tall and dwarf shrubs. |
| Sm | Shrub with no distinction between tall and dwarf shrubs. |

**NON-TREE HERBS**

| | |
|---|---|
| H | Herbs with no distinction between moss and herbaceous layer. |
| Hf | Herbs with no distinction between moss and herbaceous layer. |
| Hg | Herbs with no distinction between moss and herbaceous layer. |

**NON- FOREST VEGETATION (Wetland Layers)**

| | | | |
|---|---|---|---|
| Ab | ABORICOLOUS | Hp | HUMUS PEAT |
| Bl | BOGLET | L | LAKE |
| Bm | BOG MARGIN | Mg | MARGIN |
| Bp | BOG POOL | Ms | MOSS |
| Bs | BOG SURFACE | Ow | OPEN WATER |
| Cl | CLUMP | Pl | PEAT LAYER |
| Cr | CREEK | Pp | PEAT POCKET |
| Ds | DRAINAGE SYSTEM | Sp | SPRUCE |
| Fe | FEN | Ss | SPHAGNUM SPECIES |
| Fl | FLOATING MAT | Ts | TREED SWAMP |
| Gl | GLEI | Ww | WATER WEEDS |

Note: Wetland vegetation is described as an overlay.

| | |
|---|---|
| ra | RADIOPHYTE MARGIN |
| rb | RADIOPHYTE SURFACE |
| rl | RADIOPHYTE LAYER |
| rp | RADIOPHYTE POOL |
| rs | RADIOPHYTE SLOPE |
| rt | TREELINE |
| Sw | SWAMP |
| Tf | TUNDRA FEN |
| Tp | TUNDRA PEAT PLATEAU |

**NON-FORESTED VEGETATION DESCRIPTION CODES (for E Polygons)**

| | | | |
|---|---|---|---|
| A | ALPINE | MP | NON-PRODUCTIVE |
| AF | ALPINE FOREST Species | NB | NON-PRODUCTIVE BRUSH |
| B | BUILDING | NC | NON-PRODUCTIVE CLEARING |
| BL | BARREN LAND | NF | NON-PRODUCTIVE FOREST Species |
| G | GRASS | NP | NON-PRODUCTIVE |
| GL | GLACIER | NPC | NON-PRODUCTIVE CLEARING |
| HE | HERBS | R | ROCK |
| MA | MARSH | RES | RESERVOIR |
| MAT | MATTED | S | SNOW |

| | |
|---|---|
| SAND | SAND |
| SLIDE | SLIDE |
| W | WATER |
| WL | NON-COMMERCIAL |
| WLC | NON-COMMERCIAL CROWN |
| WP | NON-PRODUCTIVE |
| WPC | NON-PRODUCTIVE CROWN |
| WTA | NOT FOR ANALYSIS |

**Line 6 - Disturbance History**

Disturbance type code pre-ceded by symbol, followed by earliest date

Disturbance types are subdivided into specific category, refer to official data list for sub-category descriptions.

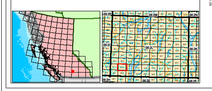
| | | | |
|---|---|---|---|
| A | Animal Damage | L | Logging |
| B | Wildfire | M | Mine Damage |
| D | Deciduous and Insect Insects | N | Natural Disturbances |
| E | Disease | O | Other |
| | | S | Snow and Standing Fungal Pathogens |
| | | T | Site Preparation |
| | | V | Vegetation Competition |
| | | W | Weather Damage |
| | | X | Fire Damage |

**Example Opening History Details**

Detailed Silviculture information is available on the RESULTS database. Refer to the Help/Notes available at: ...of Harvest RESULTS data.

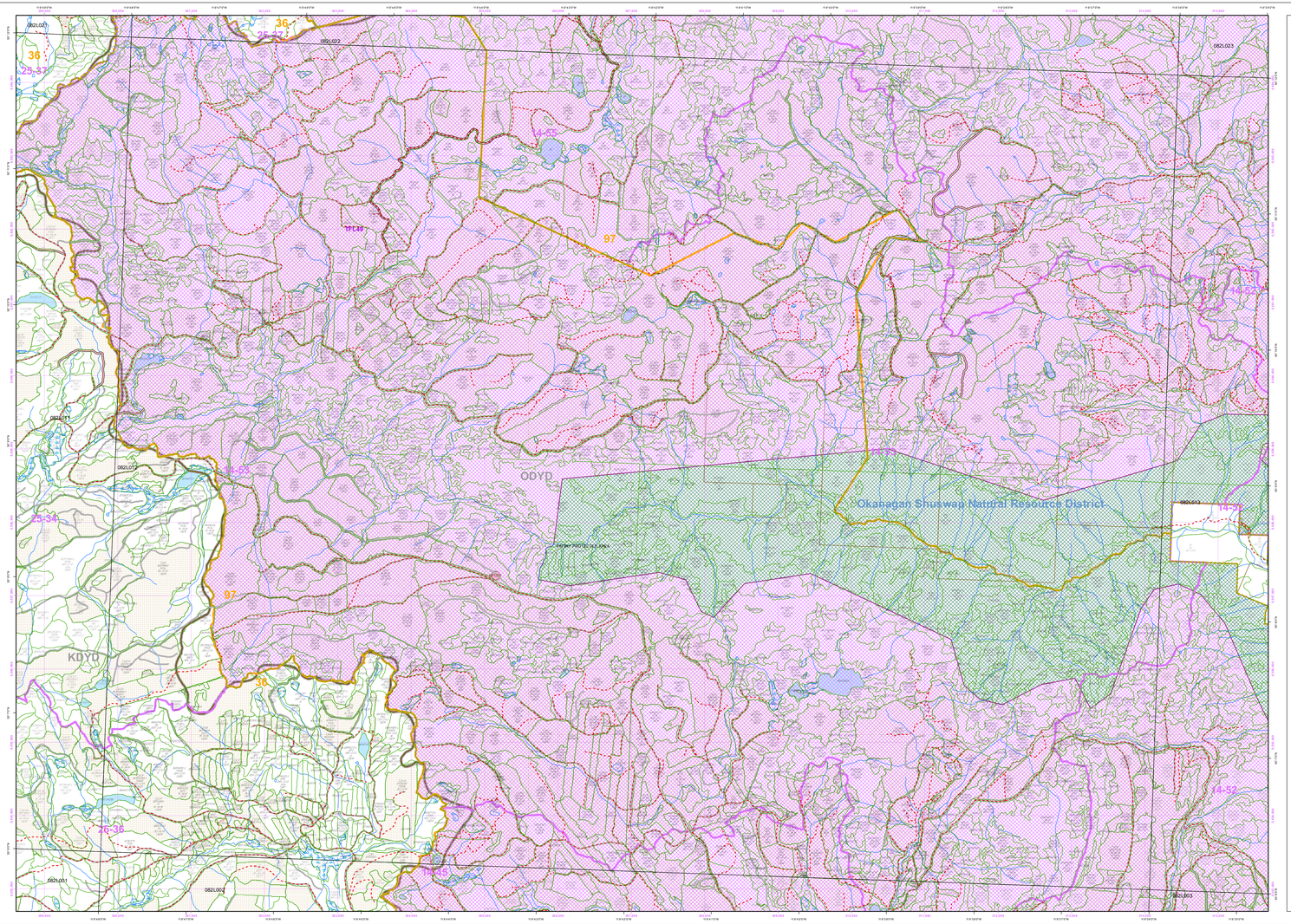
The Kimsley v5 Forestry Tenure and Licence web application ... Select the RESULTS Opening ID to view silviculture information. Select the SILVICULTURE tab and click on "Display Silviculture Map" to turn on display values for:

- OPENING ID
- OPENING LABELS
- OPENING - PLANTING ACTIVITY
- OPENING - SILVICULTURE MAINT
- STANDARDS UNIT
- MINIMUM STANDS - FOREST COVER
- MINIMUM STANDS










Overflow Labels

082L012