

## HaBC Layer Tree

### Topography

- ½ Elevation
- + Slope
  - ½ Slope
- + ♣ Class
  - ♣ Low (< 5%)
  - ♣ Medium (5-15%)
  - ♣ High (>15%)
- + Aspect
  - ½ Aspect
- + ♣ Direction
  - ♣ North
  - ♣ NorthEast
  - ♣ East
  - ♣ SouthEast
  - ♣ South
  - ♣ SouthWest
  - ♣ West
  - ♣ NorthWest
- ♣ Land Classification

### Climate

- ½ Degree days > 5
- ½ Frost-free Days
- ½ Frost-free Period
- ½ Heat Index
- + Precipitation
  - ½ Annual Mean
  - ½ Summer Mean
  - ½ Fall Mean
  - ½ Winter Mean
  - ½ Spring Mean
- + Temperature
  - ½ Annual Min
  - ½ Annual Max
  - ½ Summer Min
  - ½ Summer Max
  - ½ Fall Min
  - ½ Fall Max
  - ½ Winter Min
  - ½ Winter Max
  - ½ Spring Min
  - ½ Spring Max

### Ecosystems

- + ♣ BEC
- + ♣ BAFA

## HaBC Layer Tree

- ♣ un
- ♣ unp
- + ♣ MH
  - + ♣ mm
    - ♣ Variant
  - + ♣ mmp
  - + ♣ un
  - + ♣ wh
  - + ♣ whp
- + ♣ Ecoregions
  - + ♣ Ecoprov 1
    - ♣ Ecosection A
    - ♣ Ecosection B
  - + ♣ Ecoprov 2
  - + ♣ Ecoprov 3
- + Vegetation Resource Inventory
  - + ♣ Species
    - ♣ Broad Leaf Maple
    - ♣ Gary Oak
    - ♣ Ponderosa Pine
    - ♣ Subalpine Fir
    - ♣ ...
  - + ♣ Lead Species
    - ♣ Broad Leaf Maple
    - ♣ Gary Oak
    - ♣ Ponderosa Pine
    - ♣ Subalpine Fir
    - ♣ ...
  - ½ Volume
  - ½ Age
  - + ♣ Age Class
    - ♣ 0 to 20 years
    - ♣ 21 to 50 years
    - ♣ 50 to 80 years
    - ♣ ...
  - + ♣ Height Class
    - ♣ 0 to 5 meters
    - ♣ 6 to 10 meters
    - ♣ 11 to 15 meters
    - ♣ ...
  - ♣ Inventory Type
    - ♣ ...

### Land Cover and Use Designations

- + ♣ Generic Land Characterizations
  - ♣ Human dominated from BTM

## HaBC Layer Tree

- ♠ Wetlands from TRIM:EBM
- ♠ ...
- ♠ ...
- ♠ ...
- ♠ ... 6 to 7...
- + ♠ Baseline Thematic Mapping
  - ♠ Agriculture
  - ♠ Alpine
  - ♠ Barren Surfaces
  - ♠ Estuaries
  - ♠ Fresh Water
  - ♠ ...16 or so...

### Protected Areas & Conservation Lands

- + ♠ Ownership
  - ♠ Federal
  - ♠ Provincial
  - ♠ Private
  - ♠ Treaty ?
- + ♠ Parks and protected areas
  - ♠ Federal
  - ♠ Provincial
  - ♠ Regional
  - ♠ IUCN Class
- + ♠ Conservation lands

### Road and Other Linear Features

- + Pipelines
  - ♠ Is Pipeline
  - ½ Length
- + Roads
  - ♠ Is Road
  - ½ Length
  - ½ Distance To
- + Railways
  - ♠ Is Railway
  - ½ Length
  - ½ Distance To
- + Seismic Lines
  - ♠ Is Seismic line
  - ½ Length
- + Transmission Lines
  - ♠ Is Transmission line
  - ½ Length

### Forest Harvesting

- ♠ Change detection

## HaBC Layer Tree

- ♠ Recently logged from BTM
- ♠ Results

### Water

- ♠ Dam Is Upstream
- + ♠ Lakes
  - ♠ Is Lake
  - ½ Lake Area
- ♠ Reservoirs
  - ♠ Is Reservoir
  - ½ Reservoir Area
- + Streams
  - ½ Distance To
  - ½ Length

### Watersheds

- ♠ Fraser (100)
  - ♠ Tompson (100-3000)
  - ♠ ...
- ♠ Coast (900)
  - ♠ 900-20000
  - ♠ ...
- ♠ ...

### Biodiversity analyses

- ♠ Fish Stocking
- ♠ Alien Species

### Species (Alien and Native)

- Distribution
- Habitat Capability/Suitability

### Mountain Pine Beetle

- ♠ Area of kill
  - By year, cumulative
- ♠ Area of infestation

### Administrative Units, Mgmt Designations and Tenures

- + ♠ Administrative Units and Tenures
  - ♠ MoFR regions and districts
  - ♠ MoFR districts (historic)
  - ♠ MoE regions
  - ♠ TFLs
  - ♠ TSAs
  - ♠ Regional districts
  - ♠ Municipalities
  - ♠ Landscape units
  - ♠ FOC planning units

## HaBC Layer Tree

- + ♠ Management Designations
  - ♠ WHAs
  - ♠ UWR
  - ♠ Established Visual Quality Objectives (VQO) - N/A?
  - ♠ National Wildlife Management Areas
  - ♠ Migratory Bird Sanctuaries