The diagram and table below describes each vri data set and list the attribute links and it’s relationship to each other. There are 10 tables, 2 spatial views, 2 lookup class code, and 5 pre-link table views.

**Veg_Vegetation_Cover** (spatial view – polygon coverage)
To link veg_vegetation_cover (spatial) and vegetative_cover (data set), use the feature_id attributes. Feature_id is a unique number to every record.

The following vri data sets can be linked to the spatial view “veg_vegetation_cover”:
- veg_date_set_version;
- tree_cover_layer;
- tree_species;
- tree_species_volume;
- non_vegetative_cover;
- land_cover_component;
- vegetative_cover; and
- tree_layer_history_link (linked to resource_inventory_history)

Use the spatial view “vegetation _veg_label” to enable viewing of all polygon labels

The attributes use to link each data set is
- object_ver_skey;
- map_id;
- polygon_id;
- layer_id;

**Tree Species and Tree Species Volume**
In addition to the 4 attributes mentioned above, tree speices_id is used in “tree_species” and “tree_species_volume” to link the 2 tables together.

**History**
To view history information, “tree_layer_history_link” must be used to link with the”resource_inventory_history” data set by using the following attributes: vif_hist_id and opening_no.

**Straight to the Heart** (Vegrpt_Polylayer)
Instead of linking only the data sets you required (as described above), the “vegrpt_polylayer” provides all 9 data sets (“veg_date_set_version”, “tree_cover_layer”, “tree_species”, “tree_species_volume”, “land_cover_component”, “vegetative_cover”, “tree_layer_history_link” and ”resource_inventory_history”) of vegetative information in one table.

The “vegrpt_polylayer” can be linked to the spatial view “veg_vegetation_cover” with the feature_id attribute.
Please note, that due to the size of the vegrpt_polylayer table, it is too large to be refreshed on a weekly, monthly or quarter year period. It is only refreshed once a year.

The vegrpt table will be out of sink with the vegetation_cover_polygon (which is updated with information going into the LRDW 3 nights a week).

Whse_Forest_Vegetation.vegrpt and table/view (r1, l1, l2, and l3) are created annually. They are not refreshed when Whse_Forest_Vegetation.veg_vegetation_cover_polygon is changed.

Pre-Link Table View

There are 5 pre-link table views that are available. Depending on the purpose and requirement, the pre-link table views are strip down versions of vegrpt_polylayer and veg_vegetation_cover, i.e. certain attributes have been removed.

<table>
<thead>
<tr>
<th>Data set table names</th>
<th>Attribute links</th>
<th>Description</th>
</tr>
</thead>
</table>
| Land_Cover_Component (alias: land cover component) | • Object_ver_skey  
• Map_id  
• Polygon_id  
• Land_cover_id | This is a table of the land cover class code and ecological attributes for each vri polygon. The entire polygon will fall within a single land cover classification within the B.C. Land Cover Classification Scheme. Land cover types within the polygon that contribute to the overall polygon description, but are too small to be delineated using current guidelines, may be described by land cover components. For each land cover component identified within a polygon, a percent area coverage and a soil moisture regime will be recorded. |
| Non_Vegetative_Cover (alias: non vegetative cover) | • Object_ver_skey  
• Map_id  
• Polygon_id  
• Non_cover_id | This is a table of the non-vegetative cover codes for each vri polygon. Non-vegetated polygons, delineated and described in levels 1 to 3 of the land classification scheme, are further classified by the Non-Vegetated cover types listed below. An estimation is made of the class that has the greatest percentage coverage by area. Non-vegetated polygons (within the land cover type) are separated into three groups: Snow/Ice; Rock/Rubble; and Exposed Land. |
| Tree_Cover_Layer (alias: tree cover layer) | • Object_ver_skey  
• Map_id  
• Polygon_id  
• Layer_id | The tree layer identification creates a link between each polygon attribute and the corresponding tree layer. Tree layers are distinguished according to recognized height differences which are, in many cases, associated with distinct age differences. |
| Tree_Layer_History_Link (alias: tree layer history link) | • Object_ver_skey  
• Map_id  
• Polygon_id  
• Vif_hist_id  
• Opening_no | This links the history table to the whse_forest_vegetation.veg_vegetation_cover_polygon. |
<table>
<thead>
<tr>
<th>Table Name</th>
<th>Alias</th>
<th>Attributes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tree_Species (alias: tree species)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id Layer_id Tree_species_id</td>
<td>This table contains layers specific information on tree species, age and height.</td>
</tr>
<tr>
<td>Tree_Species_Volume (alias: tree species volume)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id Layer_id Tree_species_id</td>
<td>This is a table that contains the species id and volume information, and links back to the whse_forest_vegetation.veg_vegetation_cover_polygon.</td>
</tr>
<tr>
<td>Veg_Age_Class_Code (alias: vegetative age class code)</td>
<td></td>
<td>Age class code</td>
<td>This table describes the age class code used in the VRI label.</td>
</tr>
<tr>
<td>Veg_Date_Set_Version (alias: vegetative date set version)</td>
<td></td>
<td>Object_ver_skey Map_id</td>
<td>This table contains version, date and time information for file creation and projection.</td>
</tr>
<tr>
<td>Vegetation_Veg_Label (alias: vegetative layer)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id</td>
<td>This table contains a vegetation label for each polygon.</td>
</tr>
<tr>
<td>Veg_Polylayer_L1_VW (alias: vegetative polygon layer 1 view)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id Layer_id Feature_id</td>
<td>The table is a view of all Layer 1 information joined to polygon.</td>
</tr>
<tr>
<td>Veg_Polylayer_L2_VW (alias: vegetative polygon layer 2 view)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id Layer_id Feature_id</td>
<td>The table is a view of all Layer 2 information joined to polygon.</td>
</tr>
<tr>
<td>Veg_Polylayer_L3_VW (alias: vegetative polygon layer 3 view)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id Layer_id Feature_id</td>
<td>The table is a view of all Layer 3 information joined to polygon.</td>
</tr>
<tr>
<td>Veg_Polylayer_L4_VW (alias: vegetative polygon layer 4 view)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id Layer_id Feature_id</td>
<td>The table is a view of all Layer 4 information joined to polygon.</td>
</tr>
<tr>
<td>Veg_Polylayer_R1_VW (alias: vegetative polygon layer 1 view)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id Layer_id Feature_id</td>
<td>The table is a view of all Rank 1 information joined to polygon.</td>
</tr>
<tr>
<td>Veg_Vegetation_Cover (alias: vegetation cover)</td>
<td></td>
<td>Object_ver_skey Map_id Polygon_id Feature_id</td>
<td>This coverage contains the VRI polygon shapes and associated table.</td>
</tr>
<tr>
<td>Vegetative_Cover</td>
<td></td>
<td>Object_ver_skey Map_id</td>
<td>This table contains the non tree vegetation cover for each VRI polygon.</td>
</tr>
<tr>
<td>(alias: vegetative cover or shrub, herb and bryoid cover)</td>
<td>• Polygon_id</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------------------</td>
<td>-------------</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Vegrpt_Poly layer (alias: vegetative report polygon layer) | • Object_ver_skey  
• Map_id  
• Polygon_id  
• Layer_id  
• Feature_id | This table is a rollup of all VRI information created to provide all the other views. |
VRI Relationship Tables

- **Veg_date_set_version**
  - Attributes: 12
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id

- **Veg_vegetation_cover**
  - Attributes: 55
  - Type: spatial view
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - feature_id

- **Tree_cover_layer**
  - Attributes: 42
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - layer_id

- **Tree_species**
  - Attributes: 24
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - layer_id
    - tree_species_id

- **Tree_species_volume**
  - Attributes: 8
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - layer_id
    - tree_species_id

- **Vegetation_veg_label**
  - Attributes: 25
  - Type: spatial view
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id

- **Landcover_component**
  - Attributes: 7
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - land_cover_id

- **Non_vegetative_cover**
  - Attributes: 7
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - non_veg_id

- **Resource_inventory_history**
  - Attributes: 5
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - vif_hist_id
    - opening_no

- **Tree_layer_history_link**
  - Attributes: 5
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - vif_hist_id
    - opening_no

- **Veg_vegetation_cover**
  - Attributes: 55
  - Type: spatial view
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - feature_id

- **Tree_cover_layer**
  - Attributes: 42
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - layer_id

- **Tree_species**
  - Attributes: 24
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - layer_id
    - tree_species_id

- **Tree_species_volume**
  - Attributes: 8
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - layer_id
    - tree_species_id

- **Vegetation_veg_label**
  - Attributes: 25
  - Type: spatial view
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id

- **Landcover_component**
  - Attributes: 7
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - land_cover_id

- **Non_vegetative_cover**
  - Attributes: 7
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - non_veg_id

- **Resource_inventory_history**
  - Attributes: 5
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - vif_hist_id
    - opening_no

- **Tree_layer_history_link**
  - Attributes: 5
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - vif_hist_id
    - opening_no

- **Veg_polylayer_L1_VW**
  - Attributes: 50
  - Type: Pre-Link Table View
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - feature_id

- **Veg_polylayer_L2_VW**
  - Attributes: 50
  - Type: Pre-Link Table View
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - feature_id

- **Veg_polylayer_L3_VW**
  - Attributes: 50
  - Type: Pre-Link Table View
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - feature_id

- **Veg_polylayer_L4_VW**
  - Attributes: 50
  - Type: Pre-Link Table View
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - feature_id

- **Veg_polylayer_R1_VW**
  - Attributes: 50
  - Type: Pre-Link Table View
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - feature_id

- **Veg_age_class_code**
  - Attributes: 5
  - Type: table
  - Attributes:
    - age_class_code

- **Veg_species_code**
  - Attributes: 5
  - Type: table
  - Attributes:
    - species_class_code

- **Lookup Class Code**
  - **Veg_age_class_code**
    - Attributes: 5
    - Type: table
    - Attributes:
      - age_class_code

  - **Veg_species_code**
    - Attributes: 5
    - Type: table
    - Attributes:
      - species_class_code

- **Vegrpt_polylayer**
  - Attributes: 71
  - Type: table
  - Attributes:
    - Object_ver_skey
    - map_id
    - polygon_id
    - layer_id
    - feature_id

- **Pre-Link Table View**
  - **Veg_polylayer_L1_VW**
    - Attributes: 50
    - Type: Pre-Link Table View
    - Attributes:
      - Object_ver_skey
      - map_id
      - polygon_id
      - feature_id

  - **Veg_polylayer_L2_VW**
    - Attributes: 50
    - Type: Pre-Link Table View
    - Attributes:
      - Object_ver_skey
      - map_id
      - polygon_id
      - feature_id

  - **Veg_polylayer_L3_VW**
    - Attributes: 50
    - Type: Pre-Link Table View
    - Attributes:
      - Object_ver_skey
      - map_id
      - polygon_id
      - feature_id

  - **Veg_polylayer_L4_VW**
    - Attributes: 50
    - Type: Pre-Link Table View
    - Attributes:
      - Object_ver_skey
      - map_id
      - polygon_id
      - feature_id

  - **Veg_polylayer_R1_VW**
    - Attributes: 50
    - Type: Pre-Link Table View
    - Attributes:
      - Object_ver_skey
      - map_id
      - polygon_id
      - feature_id