

This project contains digital, geo-spatial information.

The GIS program used is ESRI 'ArcMap v. 9.3' and spatial data is available in ESRI 'Shape' format (\*.shp). The surficial geology data is modified from the two following Geological Survey of Canada publications (Mathews, 1978 and Reimchen, 1980).

Base map data is TRIM data from the Province of British Columbia.

Geo-spatial Coordinate Systems used for the Maps:

1. Surficial Geology Map: North American Datum 1983; Universal Transverse Mercator Projection Zone 10 North
2. British Columbia Location Map: North American Datum 1983; BC-Albers projection
3. NTS Location Map: North American Datum 1983; BC-Albers projection

The Project Includes:

- BCMEM\_OF2011\_2
  - Applications: Contains two stand alone applications for viewing GIS data.
    - ArcReader (.pmf Files)
    - ArcExplorer (Shape Files)
  - ArcMap: Contains ArcMap workspace
    - BCMEM\_OF2011\_2.mxd
  - PDF: Contains the .pdf of the hardcopy map
    - BCMEM\_OF2011\_2.pdf
  - PMF: Contains published map file for use in ArcMap or ArcReader (see applications folder above)
    - BCMEM\_OF2011-2
  - \*Spatial: Contains GIS Data
    - Layer Files
    - Shapes\_base\_mapping
    - Shapes\_BC\_location Map
    - Shapes\_geology
    - Shapes\_NTS\_location\_map
    - Shapes\_other

\*All pathways use C:\ root directory, the map can easily be displayed by copying the entire BCMEM\_OF2011\_2 folder into the C:\ directory (e.g. C:\ BCMEM\_OF2011\_2). The .mxd file contained in the ArcMap folder can be opened in ArcMAP (9.3) with all links maintained.

Original References:

Mathews, W.H. (1978b): Surficial geology, Charlie Lake, Peace River District, British Columbia; Geological Survey of Canada, "A" Series Map 1460A, 1 sheet, scale 1:250 000.

Reimchen, T.H.F. (1980): Surficial geology, Dawson Creek, West of Sixth Meridian, British Columbia; Geological Survey of Canada, "A" Series Map 1467A, 1 sheet, scale 1:250 000.