



GeoFile 2012-03

A KML file to Display Producing Mines in British Columbia at Any Range or Point of Time in the Last 160 Years

Yao Cui

British Columbia Geological Survey
Ministry of Energy and Mines

Suggested Citation:

Cui, Y. (2012): A KML file to display producing mines in British Columbia at any range or point of time over the last 160 years; *British Columbia Ministry of Energy and Mines*, Geofile 2012-03, <http://www.empr.gov.bc.ca/Mining/Geoscience/PublicationsCatalogue/GeoFiles/Pages/2012-03.aspx>, [Accessed: year, month, day].

Contents

- This document
- *MinFile_production_ts.kmz* 96 KB
- http://webmap.em.gov.bc.ca/mapplace/kml/minfile/mines/minfile_production_ts.kmz

Description

The KML file *MinFile_production_ts.kmz* contains 1,696 past and current producing mines over the last 160 years in British Columbia that can be displayed at any range or point of time by using the Time Slider on Google Earth®. Only mines with known operating years are included in this KML file. More mines and detailed information can be found on the MINFILE Mineral Inventory website at <http://www.empr.gov.bc.ca/Mining/Geoscience/MINFILE/Pages/default.aspx>.

An application was developed to extract the contents from the MINFILE database and automatically generate the KML file with TimeSpan. Mines can be displayed at a given range or a point of time by changing the time slice on the Time Slider. For a smooth animation over time, choose an appropriate animation speed through the Date and Time Options dialog on Google Earth®. The balloon for each of the mines has a link (View Details) to the MINFILE report.

There is a URL linking to the same KML file that will be updated over time:
http://webmap.em.gov.bc.ca/mapplace/kml/minfile/mines/minfile_production_ts.kmz.

For the purpose of displaying, the mines are grouped according to the following five sectors (Table 1):

Table 1: Mine sectors for display.

Mine Sector	Examples of Minerals
Base Metals	Copper, Zinc, Lead, Molybdenum, Cadmium, Nickel, Cobalt, Tin, etc.
Precious Metals	Gold, Silver, Platinum, etc.
Coal	Coal
Industrial Minerals	Aggregate, Dolomite, Gypsum, Limestone, Volcanic Glass, Clay, Shale, Slate, etc.
Miscellaneous Metals	Mercury, Tungsten, Antimony, etc.



Figure 1. Legend of mine sectors.

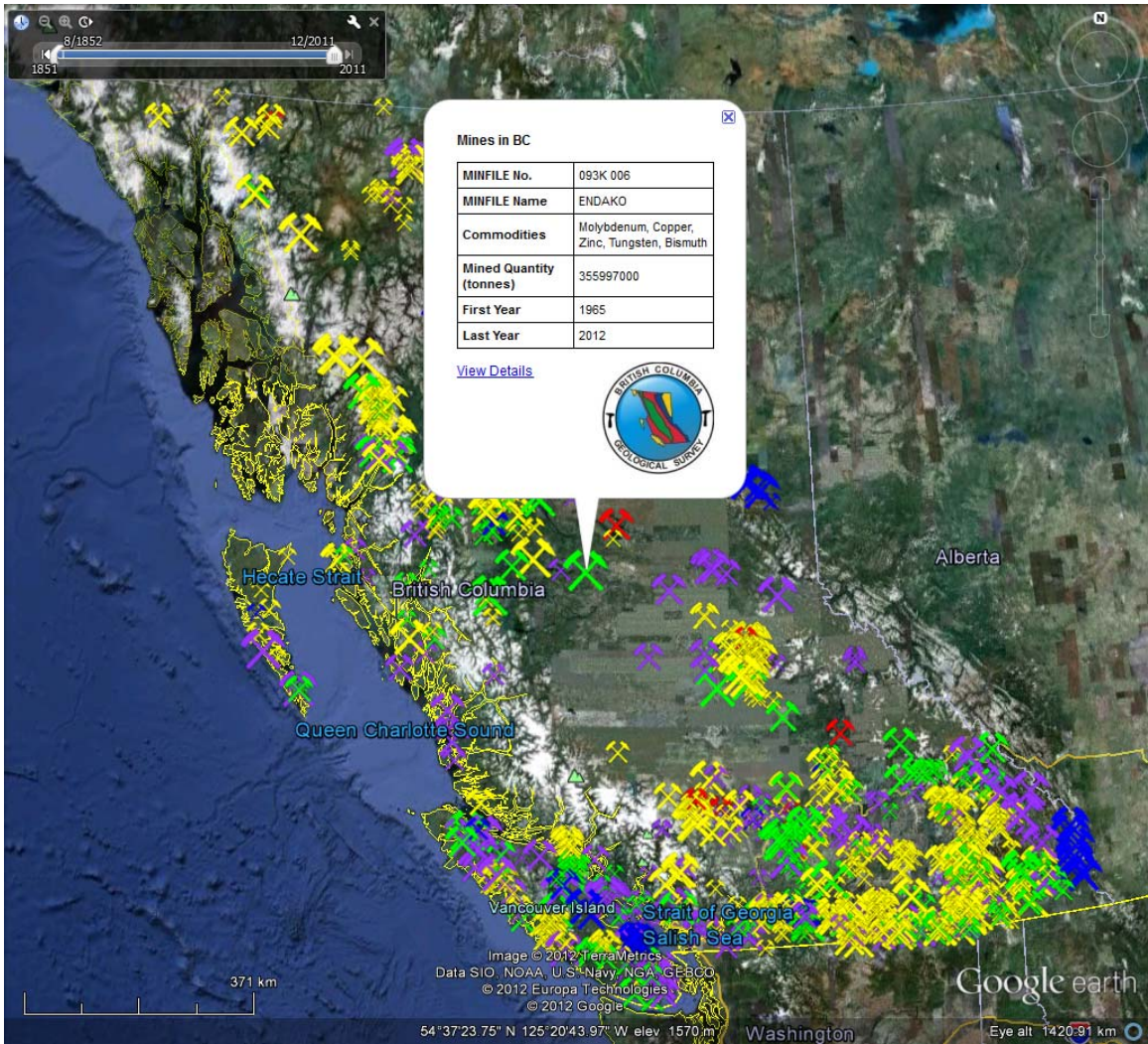


Figure 2. A screenshot of the display on Google Earth.