

A map titled "Survey Location Map" showing the distribution of survey locations. The map is divided into two main regions: a red region labeled "Stream (9032)" and a blue region labeled "Lake (5996)". The red region is located in the upper right and lower right, while the blue region is located in the lower left. The map shows a complex, irregular boundary between the two regions, with many small, isolated patches of red and blue. The legend indicates that red dots represent "Stream (9032)" and blue dots represent "Lake (5996)".

Selenium Anomaly Value Breakdown

- > 1.5
- 1 to 1.5
- 0 to 1
- -1 to 0
- -1.5 to -1
- -10 to -1.5

"Cluster-Normalized" element anomaly maps have been produced with samples normalized to the mean and standard deviation of the K-means cluster to which a sample's BMU belongs. Users are cautioned that normalization by the K-means cluster mean may make intrinsically small numbers anomalous. Specifically, if an element is normally only present in small amounts in a set of samples, normalized to a cluster, then the normalization step may result in making it less likely

Geochemistry Data

Levelling Data

Barnett, C. T. and Williams, P. M. (2009): Using geochemistry and neural networks to map geology under glacial cover, Geoscience BC, Report 2009-3.

Lett, R.E.W. and Blumel, B. (2006): Re-analysis of regional geochemical survey stream sediment samples from the McLeod Lake area (NTS map sheet 093J); BC Ministry of Energy, Mines and Petroleum Resources, Geofile 2006-09, 220 p.

Jackaman, W. (2006): Regional drainage sediment and water geochemical data, Anahim Lake and Nechako River, central British Columbia (NTS 93C & 93F); Geoscience BC, Report 2006-4, 463 p.

Lett, R.E.W. (2005): Regional Geochemical Survey Database on CD, BC Ministry of Energy, Mines and Petroleum Resources, Geofile 2005-17.

Topographic Data

Massey, N.W.D., MacIntyre, D.G., Desjardins, P.J. and Cooney, R.T. (2005): Digital Geology Map of British Columbia: Whole Province; B.C. Ministry of Energy and Mines, Geotile 2005-1.

Data Sources

Geoscience BC www.geosciencebc.com	Ministry of Energy, Mines and Petroleum Resources www.empr.gov.bc.ca/mining/geoscience
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Numerical analysis by CSIRO, Australia - www.csiro.au
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Geoscience BC is an industry-led, industry-focused not for profit society that works to attract mineral and oil and gas investment to British Columbia through collection and marketing of geoscience data.

MAP 2009-14-35
GEOCHEMISTRY - CSIRO SOM ANALYSIS
Cluster-Normalized Selenium Anomalism

QUEST PROJECT
1:250 000 NTS SHEETS 93A,B,C,F,G,H,I,J,K,N,O,P
PART OF 1:250 000 NTS SHEETS 82M; 83D,E,L,M; 84D;
92M,N,O,P; 93D,E,L,M AND 94A,B,C,D

0 5 10 15 20 25 50 kms

Universal Transverse Mercator Projection, Zone 10
Horizontal Datum: North American Datum 1983
Mean magnetic declination 2008, 19°26' E, decreasing 16.6' annually. Readings vary from 17°42' E in the southeast corner to 20°47' E in the northwest corner of the map.
September 16, 2009

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scale 1 : 500 000.