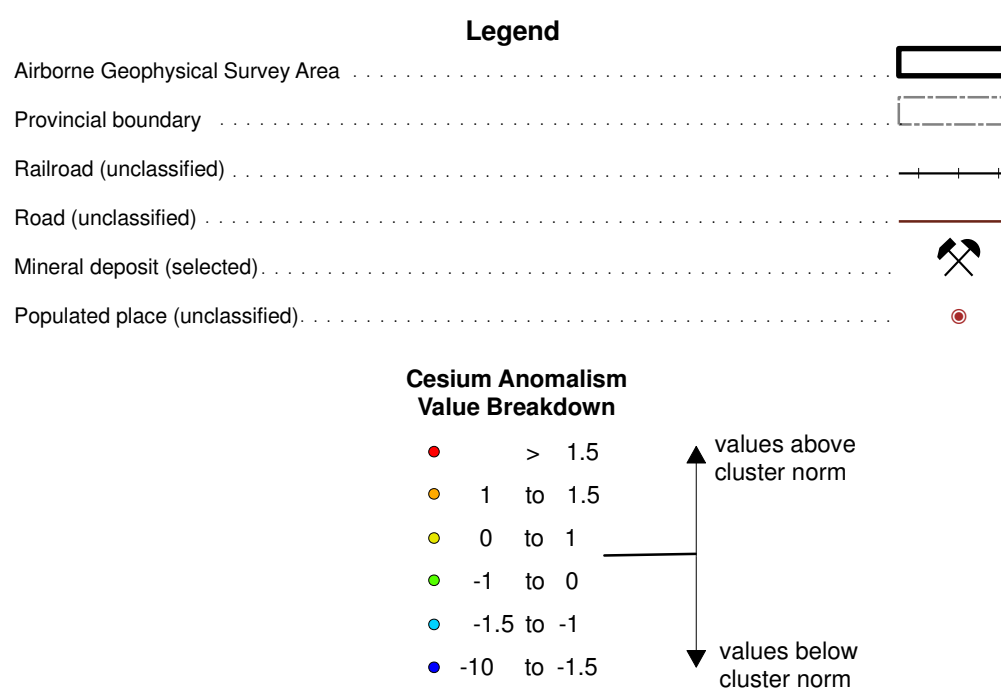
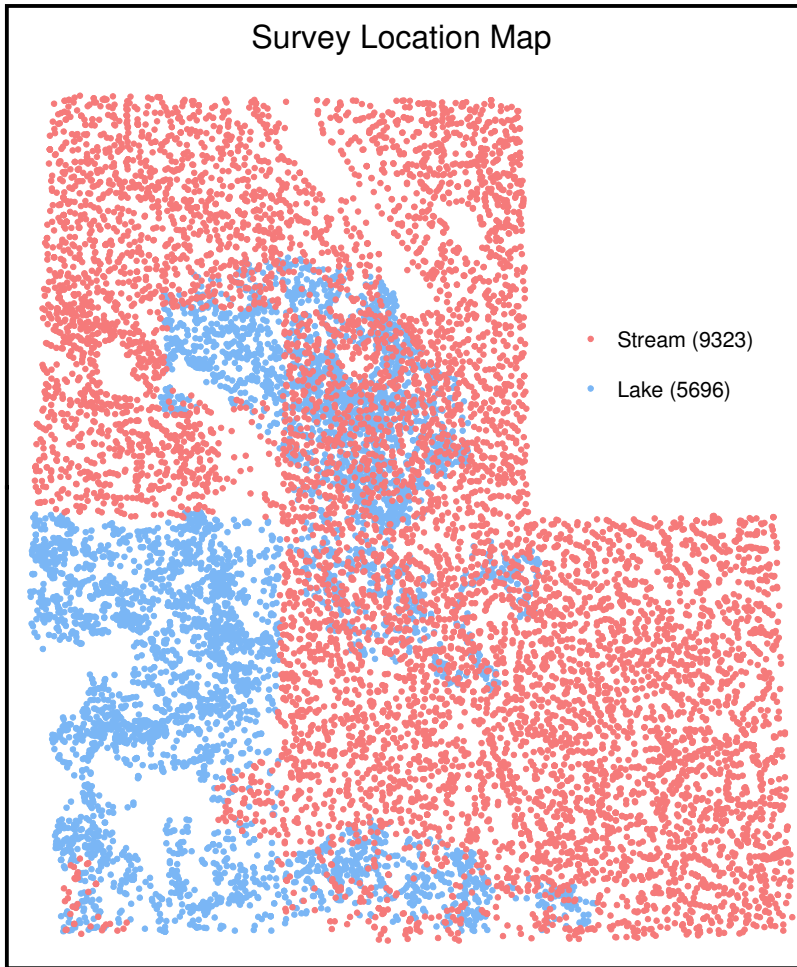


[illegible]

QUEST Geochemistry CSIRO SOM Analysis - Cluster-Normalized Element Anomalism

The SiroSOM procedure assigns each sample to a best-matching unit (BMU) and samples that are similar tend to be assigned to either the same BMU or nearby BMUs that are close on the self-organized map. To assist with interpretation the SOM-derived BMU "vectors" were analyzed using K-means to produce 20 classes. Field samples have been coloured according to the cluster—assignment of their particular BMU.

"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 of the K-means cluster mean may make intrinsically small anomalies appear more significant. Element is normally only present in small amounts in a sample assigned to a cluster, then the normalization process applied here would make the high values in this low valued group anomalous.

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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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GEOCHEMISTRY - CSIRO SOM ANALYSIS
Cluster-Normalized Cesium 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

1 : 500,000

Universal Transverse Mercator Projection, Zone 10
Horizontal Datum: North American Datum 1983

Mean magnetic inclination 2009, 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

Citation:

Geoscience BC (2009): QUEST Project - Geochemistry - CSIRO SOM Analysis: Cluster-Normalized Cesium Anomalism; Geoscience BC, Map 2009-14-15, scale 1 : 500 000.