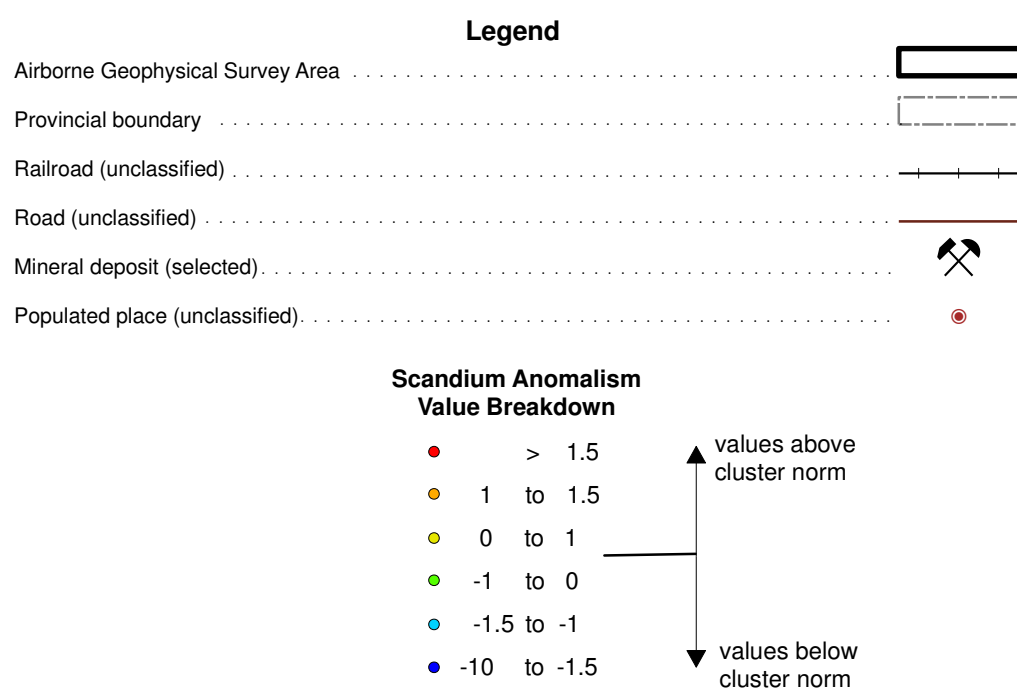
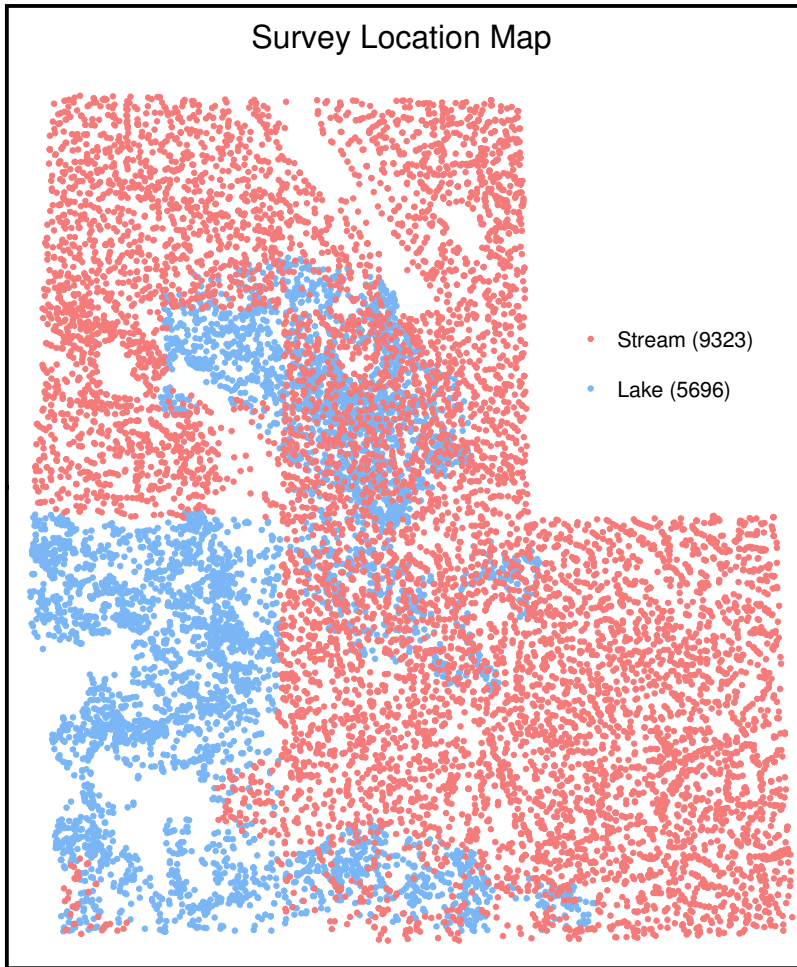


National Topographic System Index					
154R BRITZLE RIVER	056E GOOSEBORN RIVER	066E WIDE WATER	056E TRUTH TRUTH	054H CHOWDER RIVER	056E CHOWDER RIVER
154R SLOAN LAKE	054E GOULD LAKE	056C SLOAN LAKE	046H PACIFIC LAKE	054D SLOAN LAKE	054D HALLS LAKE
036P MAD RIVER	056E MAZETON RIVER	056C MADISON RIVER	056P PINE RIVER	052P DOWSON CREEK	053R HARRIS PRAIRIE
033 TERRACE	053E SUTHERS CREEK	053E FOR PRAIRIE	053E MELLO CREEK	052P MORMAN PRAIRIE	052L WORTH PRAIRIE
152H SOUTHERN CHANNEL	052E WHITE CHANNEL	052E NECHAW CREEK	052E PINE CREEK	053R MORROW PRAIRIE	052E ROSE PRAIRIE
152A LAKE SOUND	052D SOUND LAKE	052E ANAWA LAKE	052E OCEAN LAKE	052A OULDS LAKE	052E CANCE LAKE
052P SOUND	052R RIVER LAKE	052E MOUNT LAKE	052E MAGDO LAKE	052P BOWMAN LAKE	052P DEVIL LAKE



The SiRSCS 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 SiRSCM-derived BMU "vectors" were analyzed using K-means to produce 20 clusters. 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 by the K-means cluster mean may make intrinsically small anomalies appear more prominent. The normalization process applied here will make the higher values in this low valued group anomalous.

Geochemistry Data

Levelled 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.

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, Geofile 2005-1.

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MAP 2009-14-34
GEOCHEMISTRY - CSIRO SOM ANALYSIS
Cluster-Normalized Scandium Anomalism
QUEST PROJECT

0 5 10 15 20 25 50 kms

Citation:

Geoscience BC (2009): QUEST Project - Geochemistry - CSIRO SOM Analysis: Cluster-Normalized Scandium Anomalism; Geoscience BC, Map 2009-14-34, scale 1 : 500 000.