

Calcium Anomalies Value Breakdown

"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 sparse numbers anomalous. Specifically, if an element is normally only present in small amounts in a cluster, then the normalization process applied here will make the high values in this low valued group anomalous.

Barnett, C. T. and Williams, P. M. (2009): Using geochemistry and neural networks to

Original Data

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Jackman, W. (2008). Regional Lake Sediment and Water Geochemical Data, Fraser Basin, Central British Columbia (parts of NTS 93J, H, K, N & O). Geoscience BC, Report 2008-5.

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Jackman, W. (2007). Regional drainage sediment and water geochemical data, Fraser Basin and Cariboo, Central British Columbia (parts of NTS 92N, Q, R, S, 93Q). Geoscience BC, Report 2007-6, 332 p.

Lett, R.E.W. and Blumel, B. (2008). Re-analysis of regional map sheet 95QJ: bed streamer samples from the McLeod Lake area (NTS map sheet 95QJ). BC Ministry of Environment and Heritage Resources, Report 2008-29, 20 p.

Jackman, W. (2006). Regional drainage sediment and water geochemical data, An. Lake and Nechako River, central British Columbia (NTS 93C & 93F). Geoscience BC, Report 2006-1, 332 p.

Lett, R.E.W. (2005). Regional/Geochemical Databases on CD, BC Ministry of Environment and Petroleum Resources, Geofact 2005-17.

Topographic Data

Massey, N.W.D., MacIntyre, D.G., Desjardins, P.J. and Cooney, R.T. (2005): Digital Geo-Map of British Columbia: Whole Province; B.C. Ministry of Energy and Mines, Geofile 200

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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Acknowledgments

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MAP 2009-14-10
GEOCHEMISTRY - CSIRO SOM ANALYSIS
Cluster-Normalized Calcium 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 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

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