CONTENTS - Volume 13, No. 4

This special issue focuses on the results of research, at the Geological Survey of Canada, in the application of geochemistry in support of mineral exploration and geological mapping through the establishment of sampling protocols, data management and data processing tools.

Editorial
E. C. Grunsky

Compositional data analysis of hydrothermal alteration in IOCG systems, Great Bear magmatic zone, Canada: to each alteration type its own geochemical signature
J.-F. Montreuil, L. Corriveau & E. C. Grunsky

Statistical variability of the geochemistry and mineralogy of soils in the Maritime Provinces of Canada and part of the Northeast United States

Overview of the Canadian component of the North American Soil Geochemical Landscapes Project with recommendations for acquiring soil geochemical data for environmental and human health risk assessments

Till sampling and geochemical analytical protocols used by the Geological Survey of Canada

Processing of glacial sediments for the recovery of indicator minerals: protocols used at the Geological Survey of Canada
A. Plouffe, M. B. McClennenagh, R. C. Paulen, I. McMartin, J. E. Campbell & W. A. Spirito

Predicting Archaean volcanogenic massive sulphide deposit potential from lithogeochemistry: application to the Abitibi Greenstone Belt
E. C. Grunsky

Geochemical data management – issues and solutions
S. W. Adcock, W. A. Spirito & R. G. Garrett

Assessment of local spatial and analytical variability in regional geochemical surveys with a simple sampling scheme
R. G. Garrett

The ‘rgr’ package for the R Open Source statistical computing and graphics environment - a tool to support geochemical data interpretation
R. G. Garrett