

Complexes: where two or more classes of terrain are interspersed in a mosaic of repeating patterns the proportion of each component in the combination is given in a three-position designation set off by slashes denoting arbitrary percentage limits. For example, "W/O/R" means that at least 60% of the area is underlain by thin till, with up to 40% boggy areas, and less than 15% scattered rock outcrops. "Rc/R" indicates more than 60% bedrock concealed by vegetation and less than 15% outcrop.

Contribution to Canada-Saskatchewan Mineral Development Agreement 1984-89, a subsidiary agreement under the Economic and Regional Development Agreement. Project funded by the Geological Survey of Canada.

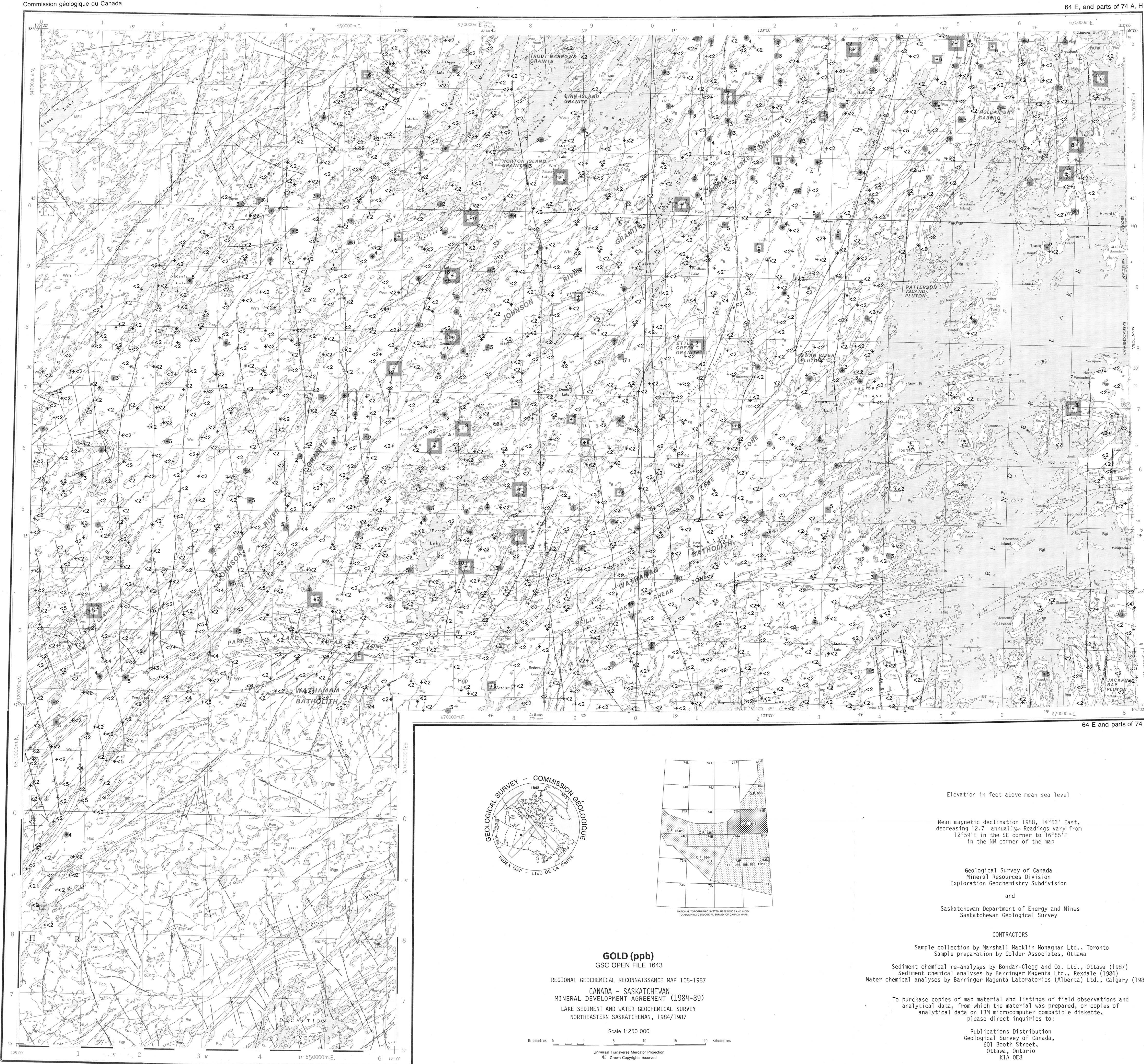
Contribution à l'Entente auxiliaire Canada/Saskatchewan sur l'exploitation minière 1984-89 faisant partie de l'Entente de développement économique et régional. Ce projet a été financé par la Commission géologique du Canada.



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GOLD (ppb)
GSC OPEN FILE 1643

REGIONAL GEOCHEMICAL RECONNAISSANCE MAP 108-1987
CANADA - SASKATCHEWAN
MINERAL DEVELOPMENT AGREEMENT (1984-89)
LAKE SEDIMENT AND WATER GEOCHEMICAL SURVEY
NORTHEASTERN SASKATCHEWAN, 1984/1987

Scale 1:250 000
Universal Transverse Mercator Projection
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Elevation in feet above mean sea level
Mean magnetic declination 1988, 14°53' East, decreasing 12.7' annually. Readings vary from 12°59' E in the SE corner to 16°55' E in the NW corner of the map

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Exploration Geochemistry Subdivision
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Saskatchewan Department of Energy and Mines
Saskatchewan Geological Survey

CONTRACTORS

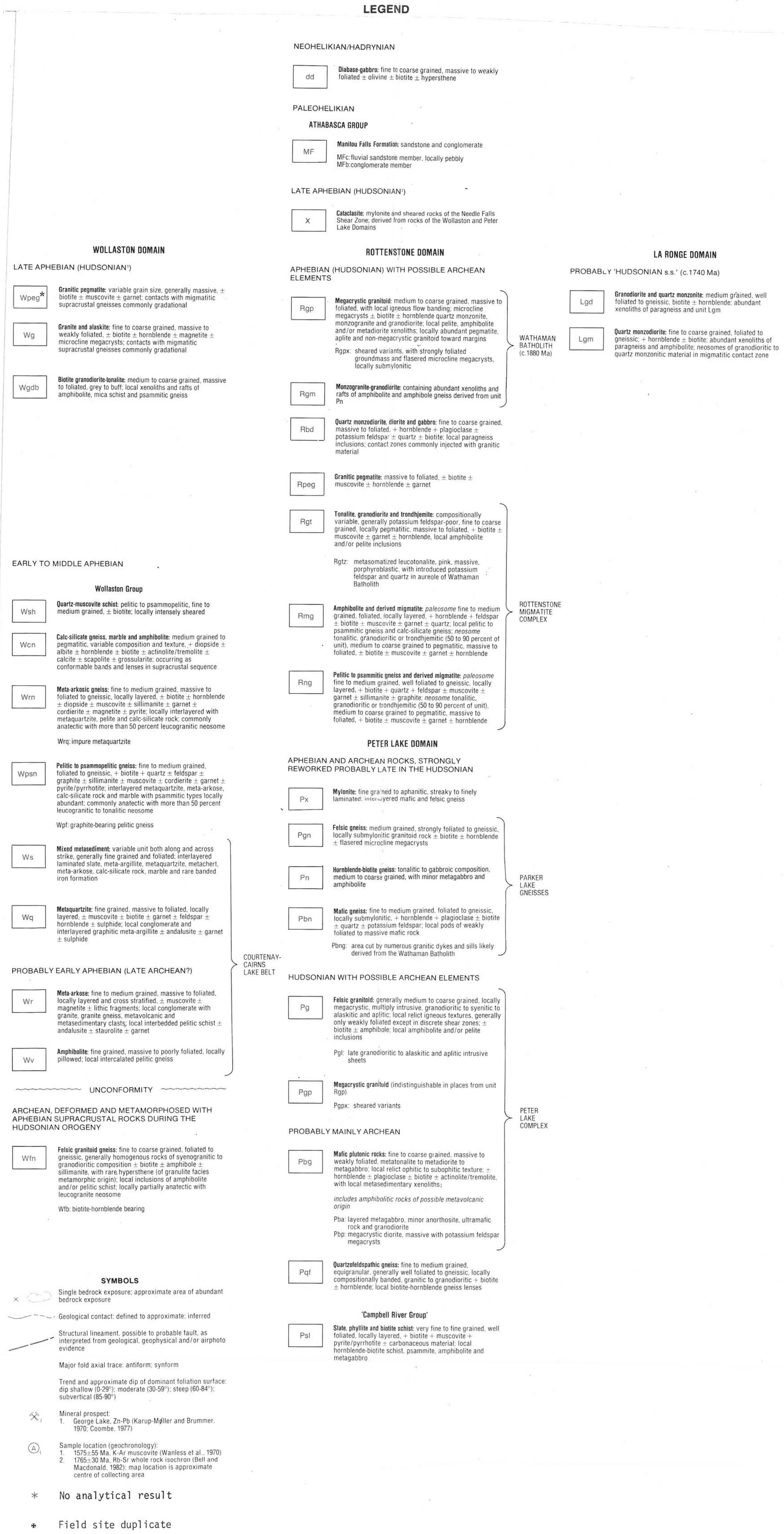
Sample collection by Marshall Macklin Monaghan Ltd., Toronto
Sample preparation by Golder Associates, Ottawa

Sediment chemical re-analyses by Bondar-Clegg and Co. Ltd., Ottawa (1987)
Sediment chemical analyses by Barringer Magenta Ltd., Rexdale (1984)
Water chemical analyses by Barringer Magenta Laboratories (Lierra) Ltd., Calgary (1984)

To purchase copies of map material and listings of field observations and analytical data, from which the material was prepared, or copies of analytical data on IBM microcomputer compatible diskette, please direct inquiries to:

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This map forms one of a series of maps released by the Geological Survey of Canada as Open File 1643. Open File 1643 consists of one sample location and one gold value map at 1:250,000 scale, and 53 element-symbol plots of 25 x 35 cm.



CONCENTRATION	FREQUENCY
7 to 18	N = 21(1.8%)
6	N = 15(1.3%)
5	N = 33(2.8%)
2 to 4	N = 127(10.8%)
<2	N = 982(83.4%)

* A mnemonic name recorded as rock types as part of field observations

This legend was modified and the geology derived for these geochemical maps from Compilation Bedrock Geology Series 228A, 229A and 232A, Saskatchewan Energy and Mines, Saskatchewan Geological Survey