



A quantitative gamma-ray spectrometric and aeromagnetic airborne geophysical survey of the Bonaparte Lake area, British Columbia, was completed by Sander Geophysics Limited. The survey was flown from September 17th to October 23rd, 2006, using a Boeing Stearman biplane aircraft...
Gamma-ray Spectrometric Data
The airborne gamma-ray measurements were made with an Egamurion GR202 gamma-ray spectrometer using fourteen 102 x 102 x 406 mm NaI (Tl) crystals. The main detector array consisted of twelve crystals (total volume 50.4 litres). Two crystals (total volume 8.4 litres), shielded by the main array, were used to detect variations in background radiation caused by the presence of the North Thompson River...
Magnetic Data
The magnetic field was sampled 10 times per second using a split-beam cesium vapour magnetometer (sensitivity = 0.005 nT) rigidly mounted to the aircraft. Differences in magnetic values at the intersections of control and traverse lines were computer-analysed to obtain a mutually levelled set of flight-line magnetic data...
Data Availability
Digital versions of this map, corresponding digital profile and gridded data, and similar data for adjacent aeromagnetic and gamma-ray spectrometric surveys can be obtained, at no charge, from Natural Resources Canada's Geomatics Information Centre (GIC) at the following address: GIC, 1100 King Street West, Toronto, Ontario, Canada M5X 1C6...
References/References
Hood, P.J. (1965). Gradient measurements in aeromagnetic surveying. Geophysics, 30, 891-902.

PLANIMETRIC SYMBOLS / SYMBOLES PLANIMÉTRIQUES
Topographic contour / Courbes de niveau
Drainage / Drainage
Wells / Puits
Mining Area / Aire d'exploitation minière
Pipeline / Pipeline
Power Line / Ligne de haute tension
Road / Chemin
Trail / Sentier
Flight Line / Ligne de vol

GEOPHYSICAL SERIES / SÉRIE GÉOPHYSIQUE
LOUIS CREEK (WEST) 92 P/1
BRITISH COLUMBIA / COLOMBIE-BRITANNIQUE
BONAPARTE LAKE WEST GEOPHYSICAL SURVEY, BRITISH COLUMBIA
LEVÉ GÉOPHYSIQUE BONAPARTE LAKE WEST, COLOMBIE-BRITANNIQUE

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Data acquisition, compilation and map production by Sander Geophysics Limited, Ottawa, Ontario.
Contract and project management by the Geological Survey of Canada, Ottawa, Ontario.

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L'acquisition, la compilation des données ainsi que la production des cartes furent effectuées par Sander Geophysics Limited, Ottawa, Ontario.
La gestion et la supervision du projet furent effectuées par la Commission géologique du Canada, Ottawa, Ontario.

URANIUM / POTASSIUM
Scale 1 : 50 000 - Échelle 1 / 50 000

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MAP 2007-4-1
GEOSCIENCE BC
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