



Quantitative gamma-ray spectrometric and aeromagnetic helicopter-borne geophysical survey of the Southern Stevenson Ridge area, Yukon, completed by Fugro Airborne Surveys. The survey was flown from September 10 to October 14, 2008 using an Astar 350 FX (C-GYVR)...

Gamma-ray Spectrometric Data: The airborne gamma-ray measurements were made with a GR-820 gamma-ray spectrometer using ten 102 x 102 x 406 mm NaI (Tl) crystals. The main detector array consisted of eight crystals (total volume 33.6 litres)...

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...

Données de spectrométrie gamma: Les mesures du rayonnement gamma ont été effectuées à l'aide d'un spectromètre gamma GR-820 utilisant dix cristaux de NaI (Tl) de 102 x 102 x 406 mm. Le principal réseau de capteurs se composait de huit cristaux (volume total de 33,6 litres)...

Données sur le champ magnétique: Le champ magnétique a été échantillonné 10 fois par seconde à l'aide d'un magnétomètre à vapeur de césium à faisceau partagé (sensibilité = 0,005 nT) rigidement fixé à l'aéronef. Les différences de valeur du champ magnétique aux intersections des lignes de contrôle et des lignes de levé ont été analysées par ordinateur afin d'obtenir un jeu de données sur le champ magnétique mutuellement nivelées sur les lignes de vol...

References/Références: Hood, P.J., 1965. Gradient measurements in aeromagnetic surveying. Geophysics, 30, 891-902.

Table with 2 columns: Planimetric symbols and Symboles planimétriques. Lists symbols for topographic contour, drainage, roads, railway, flight lines, and level lines.

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GSC OPEN FILE 6128 / DOSSIER PUBLIC 6128 DE LA CGC YGS OPEN FILE 2009-23 / DOSSIER PUBLIC 2009-23 DE LA CGY GEOLOGICAL SERIES / SÉRIE DES CARTES GÉOPHYSIQUES NTS 115 J/4 / SNRC 115 J/4 AIRBORNE GEOPHYSICAL SURVEY SOUTHERN STEVENSON RIDGE AREA, YUKON LEVÉ GÉOPHYSIQUE AÉROPORTÉ RÉGION DE STEVENSON RIDGE SUD, YUKON

Digital versions of this map, corresponding digital profile and gridded data, and similar data for adjacent aeromagnetic surveys can be downloaded, at no charge, from Natural Resources Canada's Geoscience Data Repository for Aeromagnetic Data at http://atlas.nrc.ca/geomap. The same products are also available, for a fee, from the Geophysical Data Centre, Geological Survey of Canada, 615 Booth Street, Ottawa, Ontario K1A 0E8. Telephone: (613) 996-5326, email: info@atlas.nrc.ca

Yukon Energy, Mines and Resources logo. GEM logo. Canada logo. Authors: J. M. Carson, R. Dumont and B. J. A. Harvey. Data acquisition, compilation and map production by Fugro Airborne Surveys, Toronto, Ontario. Contract and project management by the Geological Survey of Canada, Ottawa, Ontario.

Scale 1:500 000 - Échelle 1:500 000. Map projection information: Universal Transverse Mercator Projection, North American Datum 1983, Topographic Contour Interval 100 feet, © Her Majesty the Queen in Right of Canada 2009.

Location map of the study area in Yukon. Recommended citation: Carson, J. M., Dumont, R. and Harvey, B. J. A., 2009. Geophysical Series, NTS 115 J/4. Airborne Geophysical Survey Southern Stevenson Ridge area, Yukon. Geological Survey of Canada, Open File 6128. Yukon Geological Survey, Open File 2009-23, scale 1:500 000.

MAP SHEET SUMMARY / SOMMAIRE DES FEUILLETS. Table listing map sheets and their contents: 1. Residual Total Magnetic Field, 2. First Vertical Derivative of the Magnetic Field, 3. Natural Air Absorbed Dose Rate, 4. Potassium, 5. Uranium, 6. Thorium, 7. Uranium/Thorium, 8. Thorium/Potassium, 9. Thorium/Potassium, 10. Terrain Radiation Map.

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