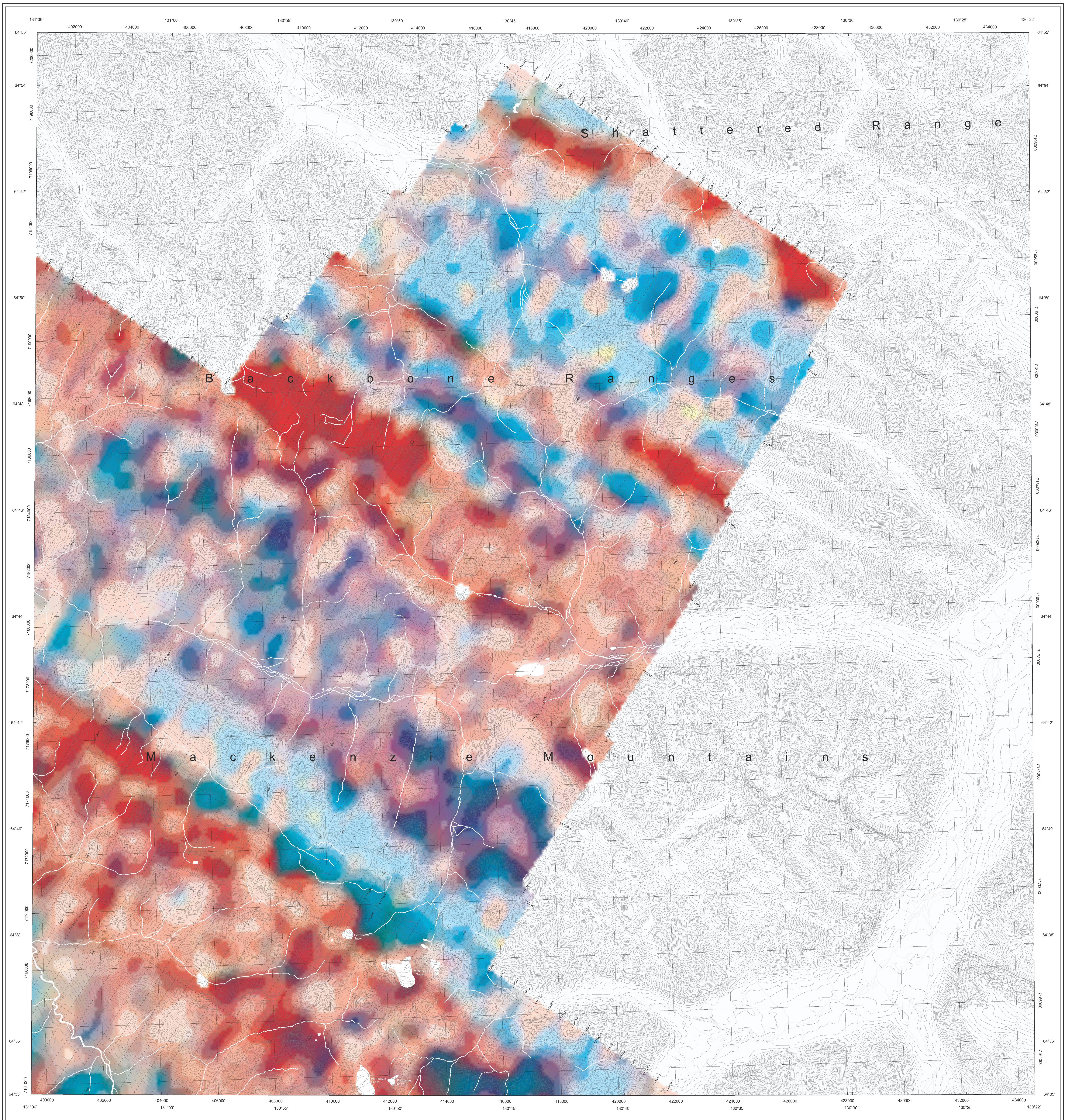


Geophysical Series Ternary Radioelement Map



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Authors: R. Fortin, M. Coyle, B. Fischer, J. Carson and R. Dumont. Data acquisition, compilation and map production by Sandor Geophysics Limited, Ottawa, Ontario. Contract and project management by the Northwest Territories Geoscience Office, Yellowknife, Northwest Territories. Technical review by the Geological Survey of Canada, Ottawa, Ontario.

GSC OPEN FILE 7098 / DOSSIER PUBLIC 7098 DE LA CGC NWT OPEN FILE 2012-11

AIRBORNE GEOPHYSICAL SURVEY OF THE SOURCE PEAKS AREA, NORTHWEST TERRITORIES LEVÉ GÉOPHYSIQUE AÉROPORTÉ DE LA RÉGION DES PICCS SOURCE, TERRITOIRES DU NORD-OUEST

PARTS OF NTS 106-B/9, 106-B/10, 106-B/11, 106-B/14, 106-B/15, AND 106-B/16 SNRC PARTIES DE 106-B/9, 106-B/10, 106-B/11, 106-B/14, 106-B/15 ET 106-B/16

TERNARY RADIOELEMENT MAP / DIAGRAMME TERNAIRE DES RADIOÉLÉMENTS

Auteurs: R. Fortin, M. Coyle, B. Fischer, J. Carson et R. Dumont. L'acquisition et la compilation des données, ainsi que la production des cartes, ont été effectuées par Sandor Geophysics Limited, Ottawa (Ontario). La production et la gestion du projet ont été effectuées par le Bureau géophysique des Territoires du Nord-Ouest, Yellowknife (Territoires du Nord-Ouest). Expertise technique fournie par la Commission géologique du Canada, Ottawa (Ontario).

Digital versions of this map, and corresponding digital profile and gridded data, can be downloaded at no charge, or accepted by mail for a small fee, from the Northwest Territories Geoscience Office, 401 St. Jean Avenue, P.O. Box 1000, Yellowknife, Northwest Territories, X1A 2S2. Telephone: (867) 966-2636, email: nwtgsc@nwt.ca, website: http://www.nwtgsc.nrc.ca. Request NWT Open File 2012-11 for digital data.

Digital versions of this map, corresponding digital profile and gridded data, and similar data for adjacent aeromagnetic and gamma-ray spectrometry surveys can be downloaded at no charge from Natural Resources Canada's Geoscience Data Repository at http://www.nrcregistry.ca. The same products are also available, as a fee, from the Geospatial Data Centre, Geological Survey of Canada, 915 Booth Street, Ottawa, Ontario, K1A 0G3. Telephone: (613) 995-5200, email: info@gdpc.nrc.ca.

On peut télécharger gratuitement, ou obtenir par le poste pour une somme modique, des versions numériques de cette carte et des données numériques correspondantes en format profil et en format maillé, en s'adressant au Bureau géophysique des Territoires du Nord-Ouest, 401 St. Jean Avenue, C.P. 1000, Yellowknife (Territoires du Nord-Ouest) X1A 2S2. Téléphone: (867) 966-2636, courriel: nwtgsc@nwt.ca, site Internet: http://www.nwtgsc.nrc.ca. Demandez NWT Open File 2012-11 pour les données numériques.

On peut télécharger gratuitement, ou obtenir par le poste pour les données géophysiques de l'Énergie et des Mines (GEM) du Secteur des sciences de la Terre, Ressources naturelles Canada, 915 Booth Street, Ottawa (Ontario) K1A 0G3. Téléphone: (613) 995-5200, courriel: info@gdpc.nrc.ca.

NWT OPEN FILE 2012-11. Northwest Territories Geoscience Office. SHEET 10 OF 10 FEUILLET 10 DE 10.

OPEN FILE / DOSSIER PUBLIC 7098. Geological Survey of Canada / Commission géologique du Canada. 2012. Les publications de cette série sont mises à jour régulièrement par l'auteur. Les publications de cette série sont mises à jour régulièrement par l'auteur.

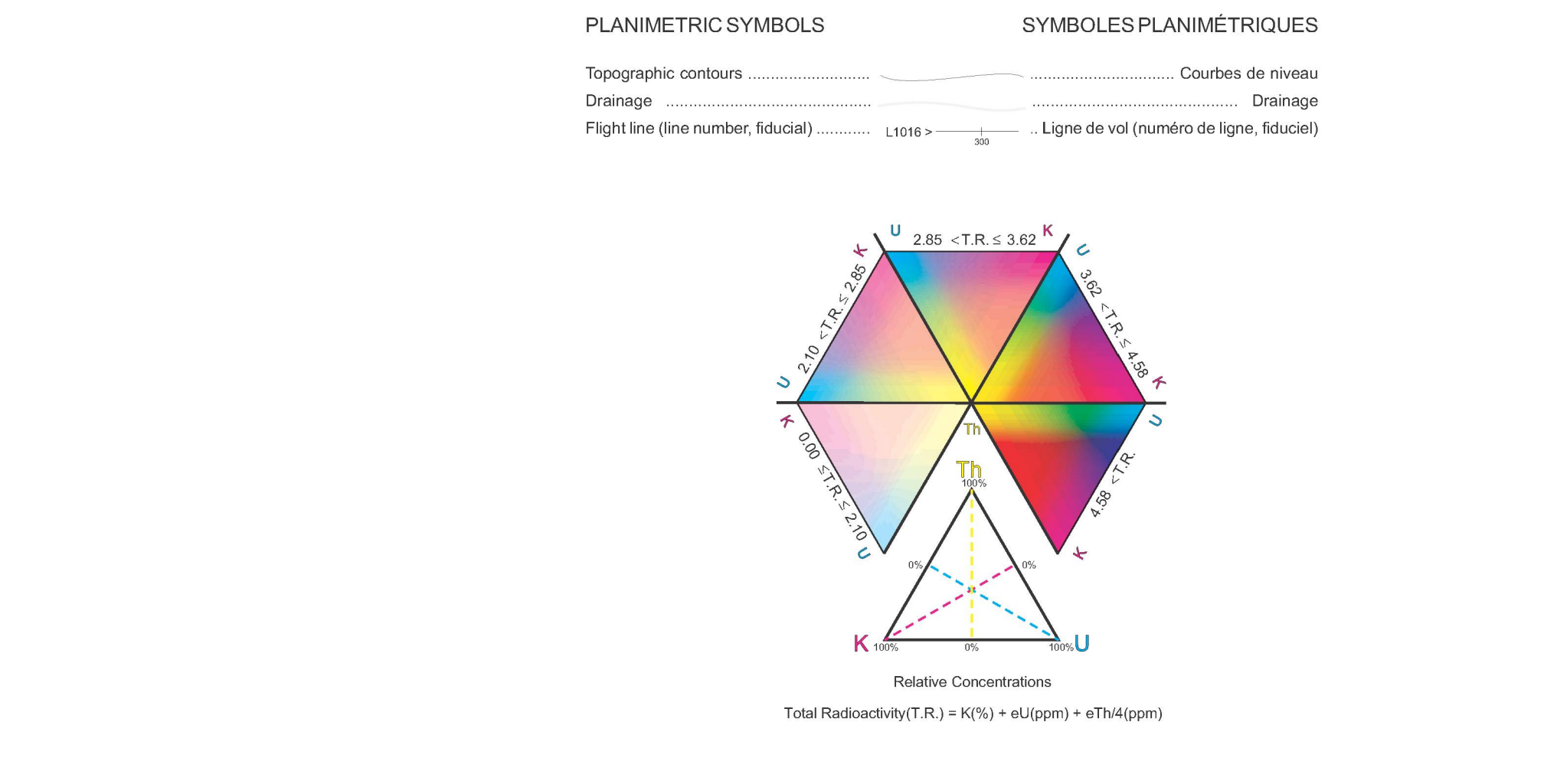
Gamma-ray Spectrometric Data. The gamma-ray spectrometric survey of the Source Peaks area, Northwest Territories, was completed by Sandor Geophysics Limited, Yellowknife, Northwest Territories, in 1991 and 1992. The survey was conducted using a NaI(Tl) detector system with a total detector volume of 27.8 litres (4.2 litres each). The main detector was surrounded by a lead shield consisting of lead bricks and lead-lined steel. The detector system was calibrated using a series of standard sources. The detector system was calibrated using a series of standard sources. The detector system was calibrated using a series of standard sources.

Magnetic Data. Extensive processing of the magnetic data was required to account for the combined effects of topographic terrain and a grid of internal terrain elevations on survey lines. The magnetic field was corrected for the effect of topographic terrain using a grid of internal terrain elevations. The magnetic field was corrected for the effect of topographic terrain using a grid of internal terrain elevations. The magnetic field was corrected for the effect of topographic terrain using a grid of internal terrain elevations.

Gridded Data. The gridded data were processed using a grid of internal terrain elevations. The gridded data were processed using a grid of internal terrain elevations. The gridded data were processed using a grid of internal terrain elevations. The gridded data were processed using a grid of internal terrain elevations.

Relative Concentrations. The relative concentrations of the radioelements were calculated using a grid of internal terrain elevations. The relative concentrations of the radioelements were calculated using a grid of internal terrain elevations. The relative concentrations of the radioelements were calculated using a grid of internal terrain elevations.

References. Fortin, R., Coyle, M., Fischer, B., Carson, J., and Dumont, R., 2012. Airborne geophysical survey of the Source Peaks area, Northwest Territories, parts of NTS 106-B/9, 106-B/10, 106-B/11, 106-B/14, 106-B/15, and 106-B/16. Geological Survey of Canada, Open File 7098, scale 1:50 000.



MAP SHEET SUMMARY / SOMMAIRE DES FEUILLETS. Table with 10 rows listing map sheets and their descriptions. Includes a small inset map showing the location of the sheets within the larger project area.

NATIONAL TERRESTRIAL SYSTEM REFERENCE AND GEOGRAPHICAL MAP PROJECTIONS. NATIONAL SYSTEM DE RÉFÉRENCE CARTOGRAPHIQUE ET PROJECTIONS DES CARTES GÉOGRAPHIQUES.

TERNARY RADIOELEMENT MAP / AIRBORNE GEOPHYSICAL SURVEY OF THE SOURCE PEAKS AREA, NORTHWEST TERRITORIES

PARTS OF NTS 106-B/9, 106-B/10, 106-B/11, 106-B/14, 106-B/15, AND 106-B/16. PARTIES DE 106-B/9, 106-B/10, 106-B/11, 106-B/14, 106-B/15 ET 106-B/16

DIAGRAMME TERNAIRE DES RADIOÉLÉMENTS / LEVÉ GÉOPHYSIQUE AÉROPORTÉ DE LA RÉGION DES PICCS SOURCE, TERRITOIRES DU NORD-OUEST

SNRC PARTIES DE 106-B/9, 106-B/10, 106-B/11, 106-B/14, 106-B/15 ET 106-B/16

Recommended citation for GSC publication: Fortin, R., Coyle, M., Fischer, B., Carson, J., and Dumont, R., 2012. Airborne Geophysical Survey of the Source Peaks area, Northwest Territories, parts of NTS 106-B/9, 106-B/10, 106-B/11, 106-B/14, 106-B/15, and 106-B/16. Geological Survey of Canada, Open File 7098, scale 1:50 000.

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