



**AIRBORNE GAMMA-RAY SPECTROMETRIC MAP**

Airborne gamma-ray spectrometry data collected in Nova Scotia during the summer of 1976, are presented:

- (1) as contour maps of the total count, the individual, uncorrected, uncalibrated, uncorrected for non-constructive, and the alpha<sub>1</sub> and alpha<sub>2</sub> stacked profiles of the same radiometric parameters plotted on the map of the 1:50,000 scale;
- (2) as a shaded profile of the same radiometric parameters plotted on the map of the 1:50,000 scale;
- (3) as a shaded profile of the same radiometric parameters plotted on the map of the 1:50,000 scale.

The airborne measurements were made using a four albedo spectrometer, with 200 g of NaI (Tl) crystals. The main component (height of 800 feet) was 100 feet. Customary flight lines were 200 feet wide and the lateral flight lines were 200 feet apart.

Information is reported directly from the 1:50,000 scale gamma-ray spectrometry data, and is presented as contour maps and shaded profiles. The data were taken over the entire province of Nova Scotia, and is presented in approximately 1:50,000 scale. The data were taken over the entire province of Nova Scotia, and is presented in approximately 1:50,000 scale. The data were taken over the entire province of Nova Scotia, and is presented in approximately 1:50,000 scale.

Total Count	Resolution	0.41-2.01 MeV
Resolution	6-42	1.25-1.07 MeV
Resolution	81-118	1.461-1.363 MeV
Resolution	81-118	2.043-2.018 MeV

Resolution, duration and distance rates were measured over 1.0-second intervals. The data were taken over the entire province of Nova Scotia, and is presented in approximately 1:50,000 scale. The data were taken over the entire province of Nova Scotia, and is presented in approximately 1:50,000 scale. The data were taken over the entire province of Nova Scotia, and is presented in approximately 1:50,000 scale.

The values for the uncorrected concentration shown on the contour maps are "average surface concentrations", that is, an average of the area on the ground for the concentration, in an area of the contour interval. The contour interval is 10 units, which means that the contour interval is 10 units. The contour interval is 10 units, which means that the contour interval is 10 units. The contour interval is 10 units, which means that the contour interval is 10 units.

The contour maps reflect the distribution of the elements in the bedrock. The contour maps reflect the distribution of the elements in the bedrock. The contour maps reflect the distribution of the elements in the bedrock. The contour maps reflect the distribution of the elements in the bedrock.

The correction factors used are approximately those listed below:

Total Count	0.41-2.01 MeV	0.41-2.01 MeV
0.05	0.05	0.05
0.10	0.10	0.10
0.15	0.15	0.15
0.20	0.20	0.20

Total count measurements are presented as units of uncorrected concentration, that is, uncorrected for non-constructive, uncalibrated, uncorrected for non-constructive, and the alpha<sub>1</sub> and alpha<sub>2</sub> stacked profiles of the same radiometric parameters plotted on the map of the 1:50,000 scale.

In order to obtain the contour maps, data along the flight lines were averaged over 100-foot intervals. The data were taken over the entire province of Nova Scotia, and is presented in approximately 1:50,000 scale. The data were taken over the entire province of Nova Scotia, and is presented in approximately 1:50,000 scale.

(1) use sufficient smoothing to utilize all data along flight lines where data points will be making the contouring of the data. The contour interval is 10 units, which means that the contour interval is 10 units. The contour interval is 10 units, which means that the contour interval is 10 units.

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(EQUIVALENT THORIUM/POTASSIUM) 10<sup>4</sup>  
**ANNAPOLIS-SHELBURNE**  
 NOVA SCOTIA  
 PARTS OF 21 A, B, 20 C  
 Scale 1:250,000

OPEN FILE  
 AIRBORNE GAMMA-RAY  
 SPECTROMETRY  
 429  
 DEPARTMENT OF MINES AND TECHNICAL SURVEYS  
 GEOLOGICAL SURVEY OF CANADA