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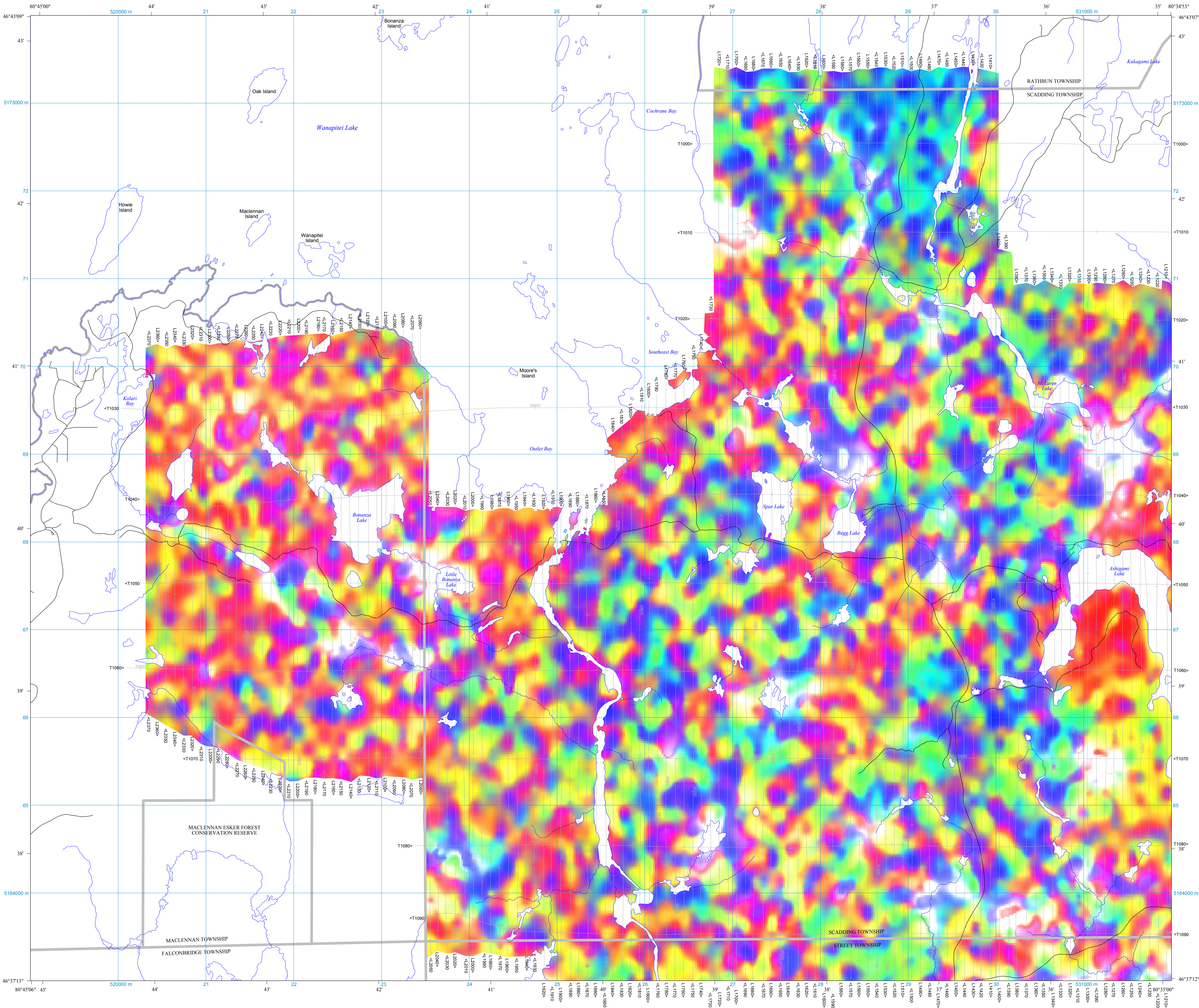
It is recommended that reference to the Content be made in the following form:

Ontario Geological Survey 2015. Airborne magnetic, electromagnetic and gamma-ray spectrometric surveys, ternary radioelement image, Scadding Township area—Purchased data; Ontario Geological Survey, Map 60 460, scale 1:20 000..

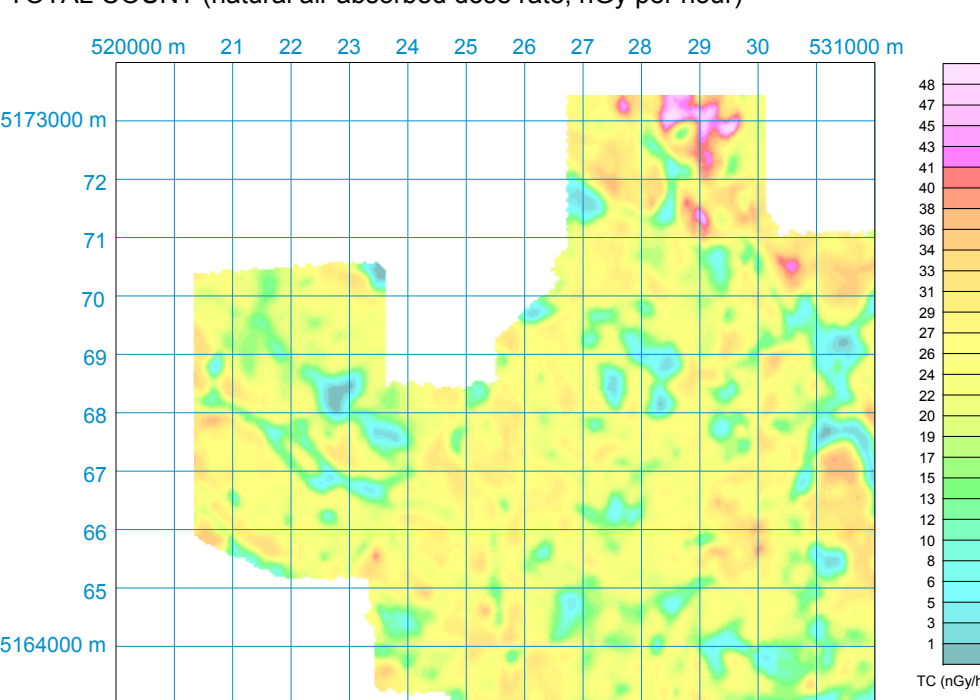
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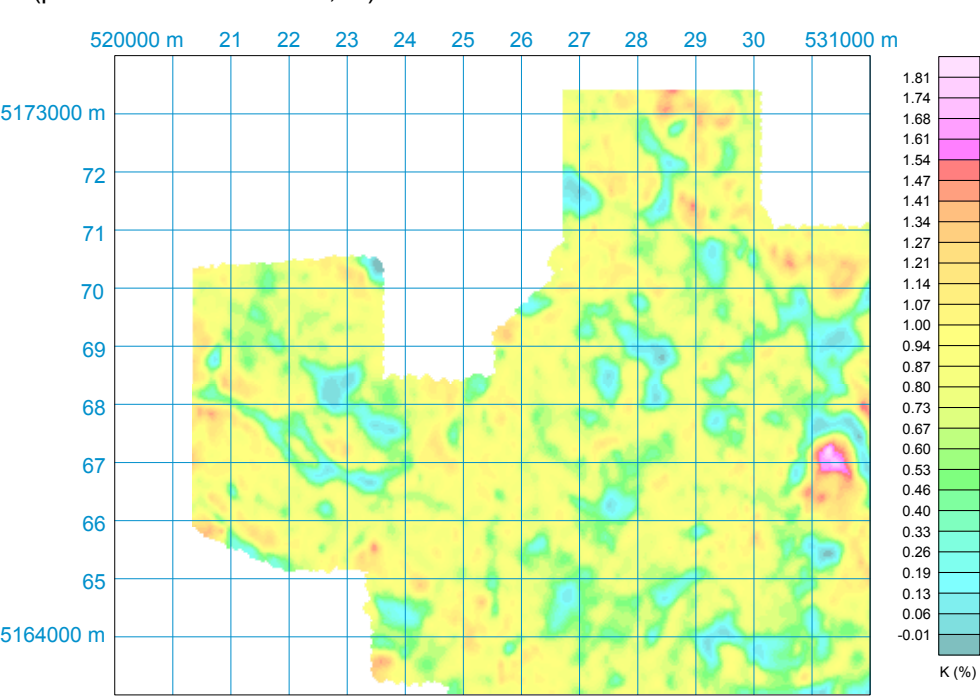
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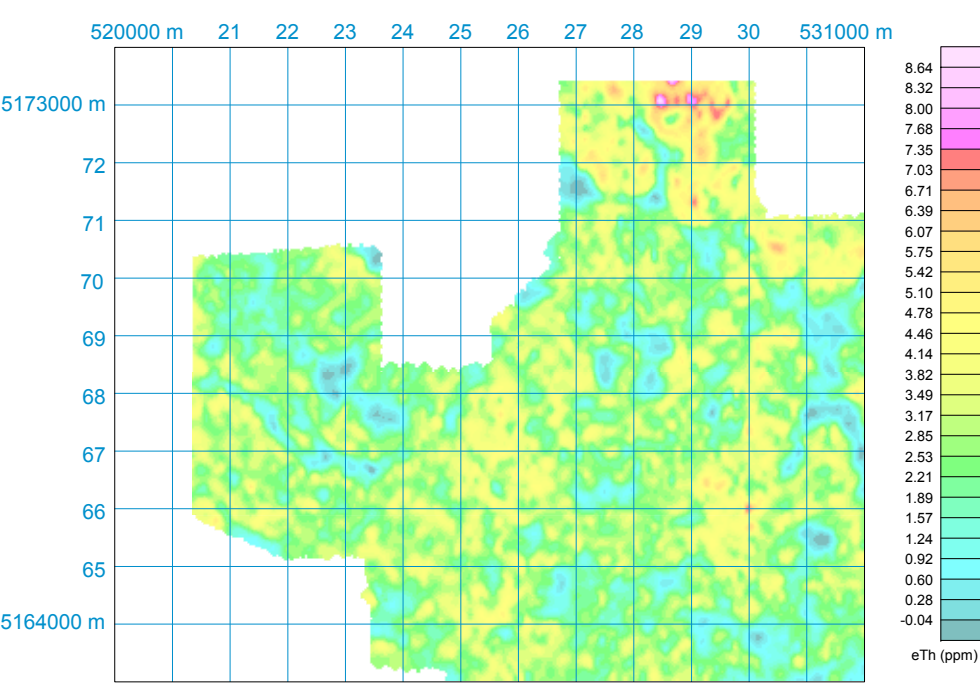
TOTAL COUNT (natural air absorbed dose rate, nGy per hour)



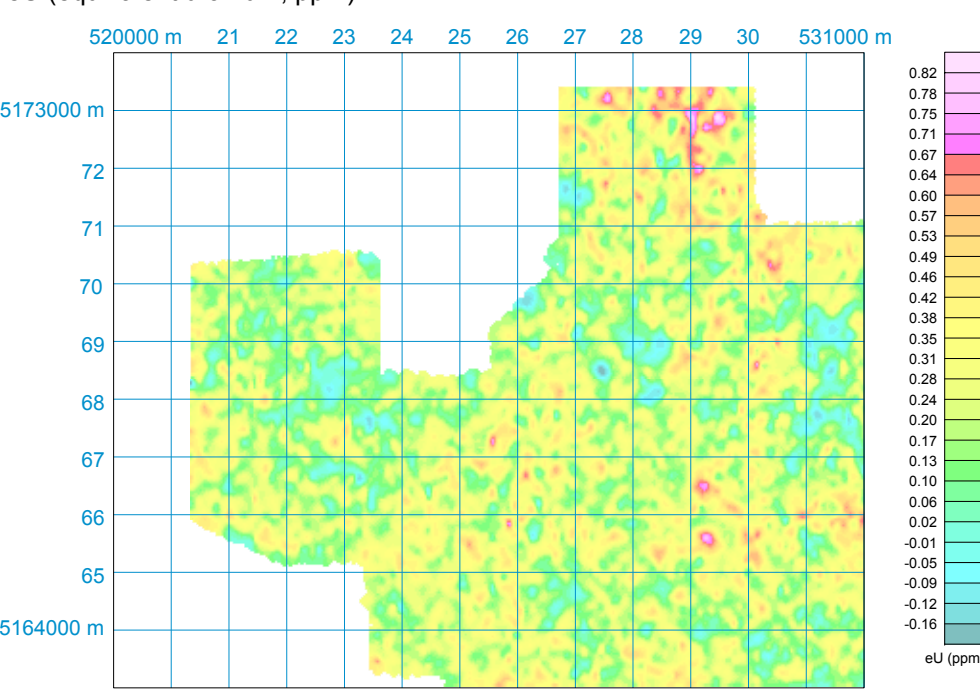
K (potassium concentration, %)



eTh (equivalent thorium, ppm)



eU (equivalent uranium, ppm)



SURVEY PARAMETERS

AIRCRAFT
Type: Beechcraft® King Air® 90
Registration: N41J

MAGNETOMETERS
Type: Geometrics Ltd. G-822A cesium-vapour
Sensitivity: 0.005 nT
Sample interval: 10 readings per second
Sensor locations: wingtips, tail stinger

ELECTROMAGNETIC SYSTEM
Type: Terraquest Ltd. XDS broadband VLF-EM
Base frequency: 22 to 28 kHz
Parameters: line (Y), orthogonal (X) and vertical (Z) components of VLF-EM total field
Sample interval: 10 readings per second

GAMMA-RAY SPECTROMETER SYSTEM
Type: Pico Envirotec Inc. GRS 510
Downward-looking crystal volume: 50.4 L
Upward-looking crystal volume: 8.4 L
Number of channels: 256
Sample interval: 1 reading per second
Sensor location: near centre of aircraft
Potassium window: 1370 to 1570 keV
Uranium window: 1680 to 1860 keV
Thorium window: 2410 to 2810 keV
Total count window: 410 to 2810 keV

NAVIGATION SYSTEM
GPS receiver: Trimble® Ag-132
GPS sample interval: 1 reading per second
Radar altimeter: FreeFlight Systems RA 3500
Radar sample interval: 10 readings per second
Barometric altimeter: SenSym Inc. LX18001AN
Barometric sample interval: 10 readings per second
Video flight path recorder: Sony® DFW-SX910
Guidance system: Ag-Nav Inc. LiNav P151
Digital acquisition system: RMS Instruments DAAR0 500

BASE STATION
Magnetometer Type: Sintrex CS-2 cesium-vapour
Magnetometer sample interval: 1 reading per second
GPS type: Deluo 12-channel GPS
GPS sample interval: 1 reading per second

SURVEY SPECIFICATIONS
Survey dates: April 20 to 26, 2010
Nominal aircraft terrain clearance: 80 m
Traverse line spacing: 100 m
Control line spacing: 1000 m
Traverse line direction: 0° and 180°
Control line direction: 90° and 270°

CO-ORDINATE SYSTEM
Projection: Universal Transverse Mercator
Datum: NAD83
Central meridian: 81°W (UTM zone 17N)
Central scale factor: 0.9996
False easting: 500 000 m
False northing: 0 m
Ellipsoid: WGS 84

Data purchased from: True Claim Exploration Inc.

DESCRIPTIVE NOTES

Introduction

This map was compiled from a proprietary airborne survey purchased by the Ministry of Northern Development and Mines. The survey was flown using Terraquest Limited's fixed-wing magnetic, gamma-ray spectrometric and XDS VLF-EM (very low frequency electromagnetic) system. The aircraft was also equipped with a GPS navigation system and a digital data acquisition system.

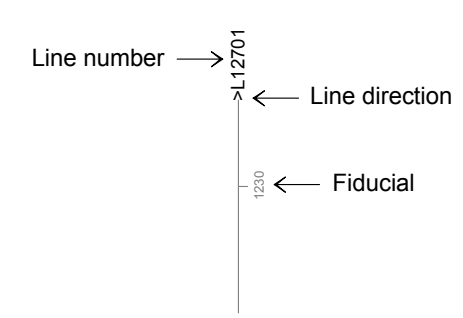
Ternary Radioelement Map

The ternary radioelement image was prepared by modulating the red, green and blue (RGB) components of the colour spectrum using the normalized radioelement concentrations of potassium (K), equivalent thorium (eTh) and equivalent uranium (eU), respectively. The RGB image was then combined with total count (TC) mapped as intensity. Brighter areas display zones of higher total count. The total count tends to outline unit boundaries and structure.

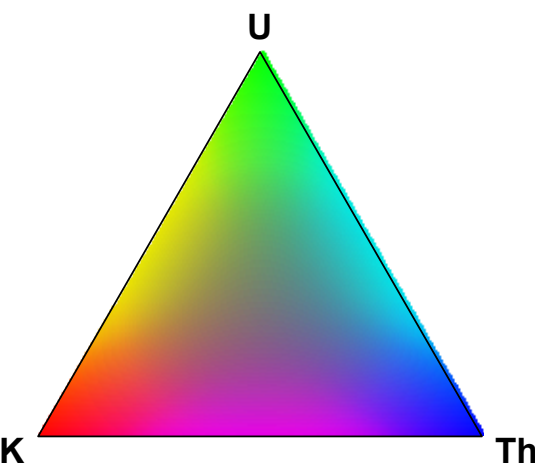
The gamma-ray spectrometer response represents radioactivity emanating from the upper 30 cm of the Earth's surface. The surface concentrations are influenced by varying amounts of outcrop, overburden, vegetation cover, soil moisture and surface water.

LEGEND

FLIGHT LINE INFORMATION



TERNARY RADIOELEMENT IMAGE



Ontario Geological Survey

MAP 60 460

AIRBORNE MAGNETIC,
ELECTROMAGNETIC AND GAMMA-RAY
SPECTROMETRIC SURVEYS

Ternary radioelement image

SCADDING TOWNSHIP
AREA

Purchased Data

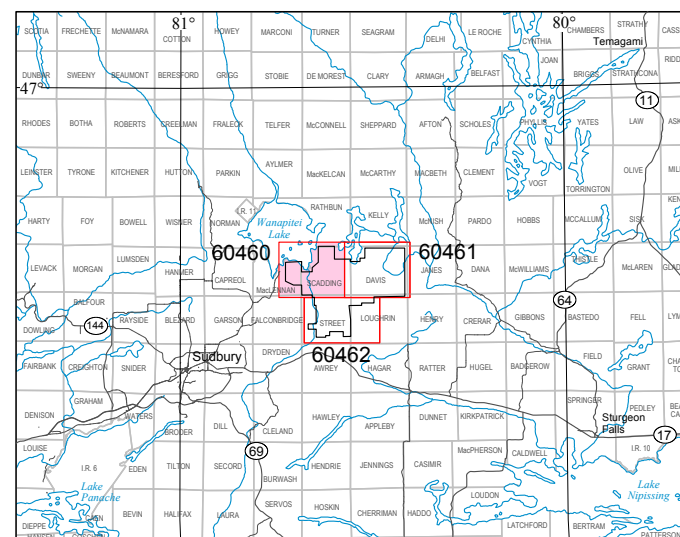
Scale 1:20 000



NTS Reference: 41 I/10

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SOURCES OF INFORMATION

Base map information derived from the Land Information
Ontario Data Warehouse, Land Information Ontario, Ministry
of Natural Resources and Forestry, scale 1:50 000.

Magnetic declination for the centre of the map area was
approximately 10°28'68" W in 2015.

Barrie, C. 2010. Operations report, gradient-magnetic,
radiometric and XDS VLF-EM survey, Scadding Township
property, Sudbury, Ontario, prepared for True Claim Exploration
Inc. by Terraquest Ltd., unpublished report. True Claim
Exploration Inc., Sudbury Resident Geologist's office,
assessment file AFROW 2.45173, AFR# 20000005511, 47p.

CREDITS

Data acquisition and data compilation by Terraquest Limited,
Markham, Ontario, for True Claim Exploration Inc., Vancouver,
British Columbia.

Data reprocessing and map production by Terraquest Limited,
Markham, Ontario.

Contract management, base maps and map surrounds by the
Ministry of Northern Development and Mines, Sudbury, Ontario.

Every possible effort has been made to ensure the accuracy of
the information presented on this map; however, the Ministry of
Northern Development and Mines does not assume liability for
errors that may occur. Users should verify critical information.

The geophysical data on this map were purchased from the
private sector. The original data acquisition was neither
supervised by the Ontario Geological Survey (OGS) nor carried
out to OGS technical specifications. However, the purchased
data do meet a pre-defined valuation criteria set out by the OGS.
Some quality assurance and quality control checks have been
carried out on the digital data.

Corresponding digital data for this survey are available from the
following Ontario Geological Survey publication:

Ontario Geological Survey 2015. Ontario airborne geophysical
surveys, magnetic, electromagnetic and gamma-ray
spectrometric data, grid and profile data (ASCII and Geosoft®
formats) and vector data, Scadding Township area—
Purchased data, Ontario Geological Survey, Geophysical
Data Set 1247.

Issued 2015.

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scale 1:20 000.

Users of OGS products are encouraged to contact those
Aboriginal communities whose traditional territories may be
located in the mineral exploration area to discuss their project.