



Provided and controlled by
Sander Geophysics
 Multi-Resolution Airborne Services
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Survey Data Acquired using Sander Geophysics
AIRGrav
 Airborne Inertially Referenced Gravimetry

Timmins Economic Development Corporation

AIRGrav Timmins Survey

Vertical Gradient of
 Terrain Corrected Bouguer Gravity (Etrivs)
 with Superimposed Geology

Scale 1:50 000

- Ultramafic Intrusive
- Mafic Intrusive
- Felsic Intrusive
- Metasedimentary
- Ultramafic Metavolcanics
- Mafic Metavolcanics
- Felsic Metavolcanics

- Faults
- Dikes



Survey and Processing Specifications

Primary Line Spacing	500 m
Primary Line Direction	along bearing 30° - 270°
Control Line Spacing	5000 m
Control Line Direction	along bearing 0° - 180°
Aircraft Altitude	468 m fixed altitude
Flying Speed	185 kph (95 mph)
Gravimeter Sensor	Sander Geophysics AFD24R
Gravimeter Sensitivity	0.1 mGal
Gravimeter Sample Rate	128 Hz
Aircraft Positioning	Orbiter Real-time Differential GPS
GPS Receiver	NovAtel Millennium, 12 channel, dual frequency
Datum	Geoscan Geoid Canadam 2008, C-IGS08
Density used for Bouguer and Terrain Corrections	2.67 g/cm ³
Gravity Data Spatial Filter	0% Pass @ 2100 m, 100% Pass @ 4300 m, 140-Pole 2850 m
Date of Flight	May 15 - 18, 2013
Grid Cell Size	200 m
Projection	WGS-84
UTM Zone	17N

Geology Based on Ontario Geological Survey (OGS) Map P-3379,
 Geological compilation of the Timmins area, Azala-Crestonite Belt,
 J.A. Ayer and N.P. Trowell, scale 1:1,000,000.