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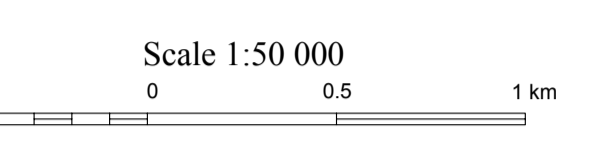
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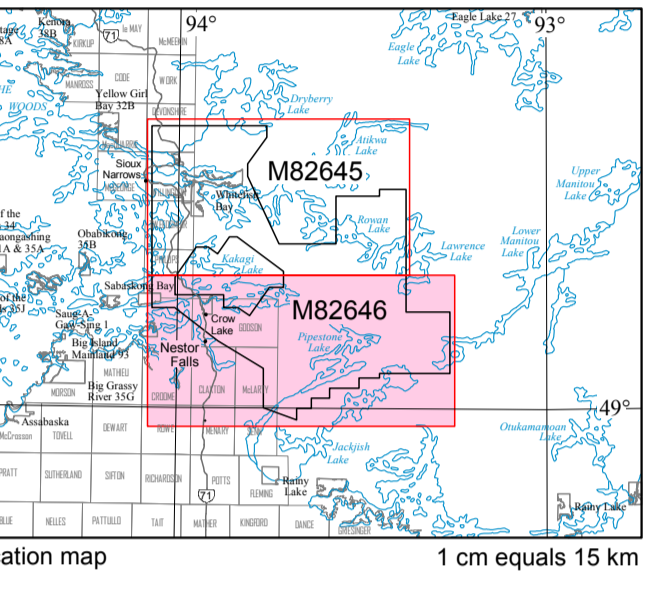
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NTS Reference: S2 C/13, 14, D/16; E/1, F/3, 4

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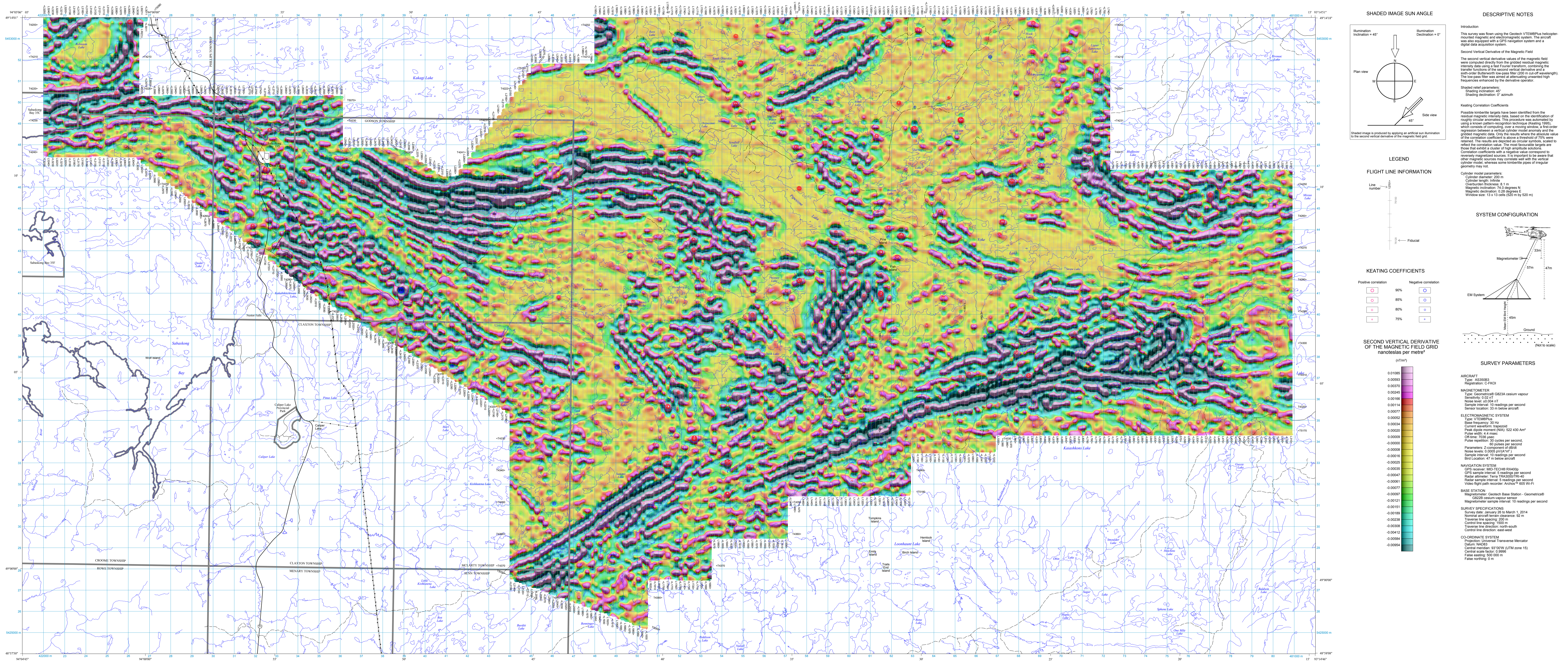


SOURCES OF INFORMATION

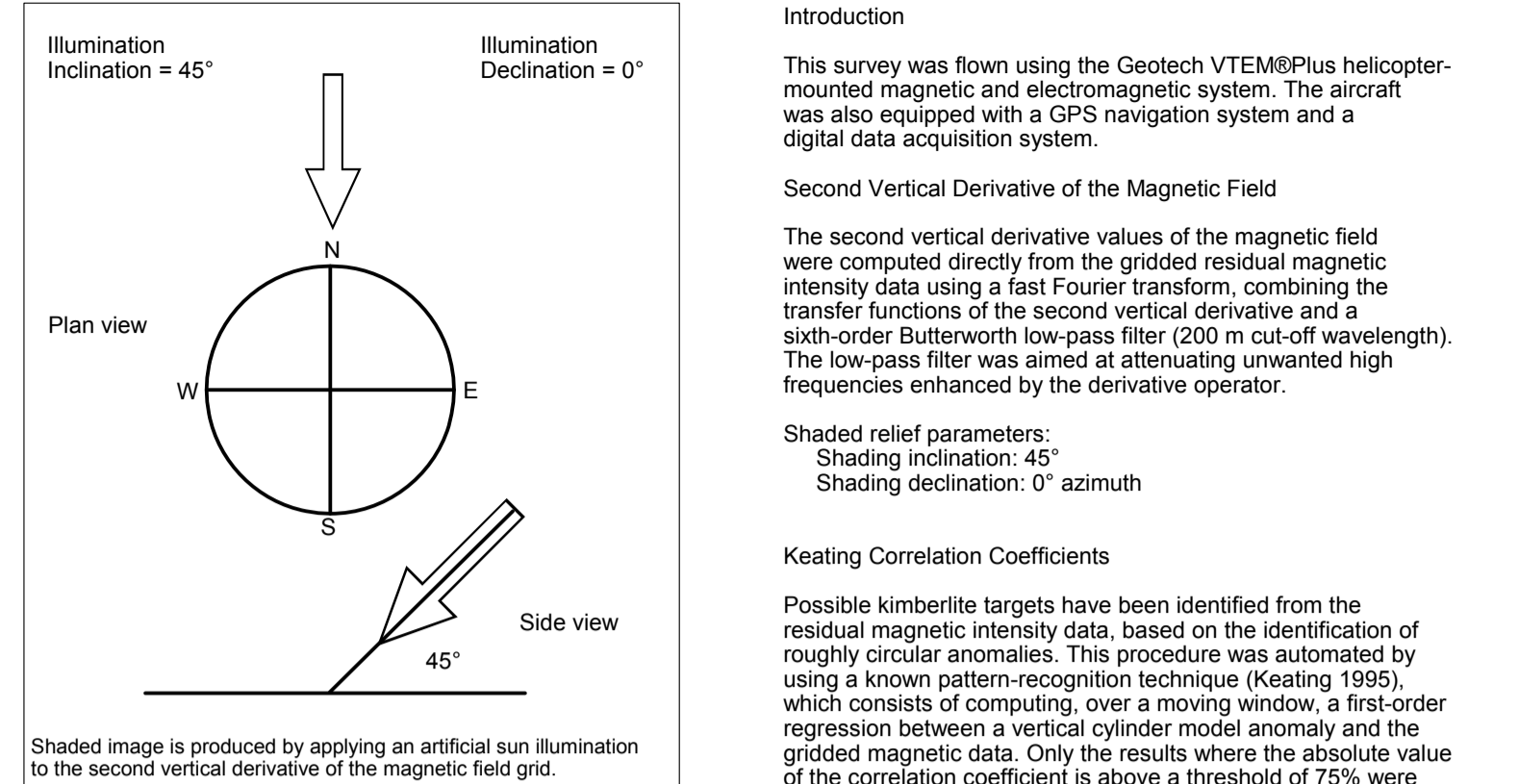
Base map information derived from the Land Information Ontario Data Warehouse, Land Information Ontario, Ontario Ministry of Natural Resources and Forestry, scale 1:50 000.
Magnetic declination for the centre of the map area was approximately 0.1° W in 2014.
Keating, P. B., 1995. A simple technique to identify magnetic anomalies due to kimberlite pipes. *Exploration and Mining Geology*, v.4, no.2, p.121-125.

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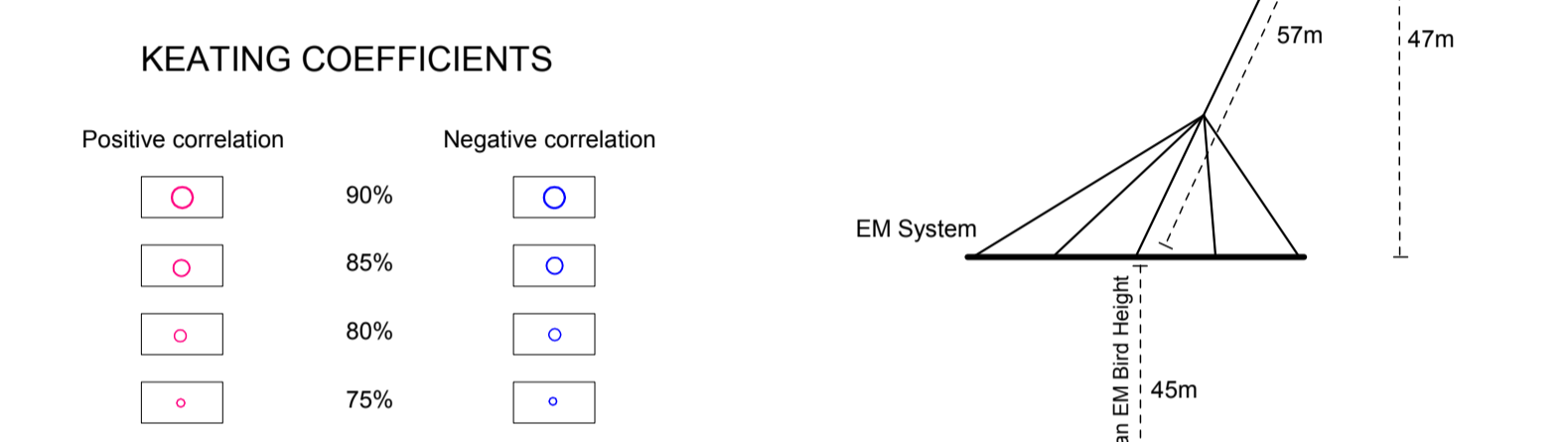
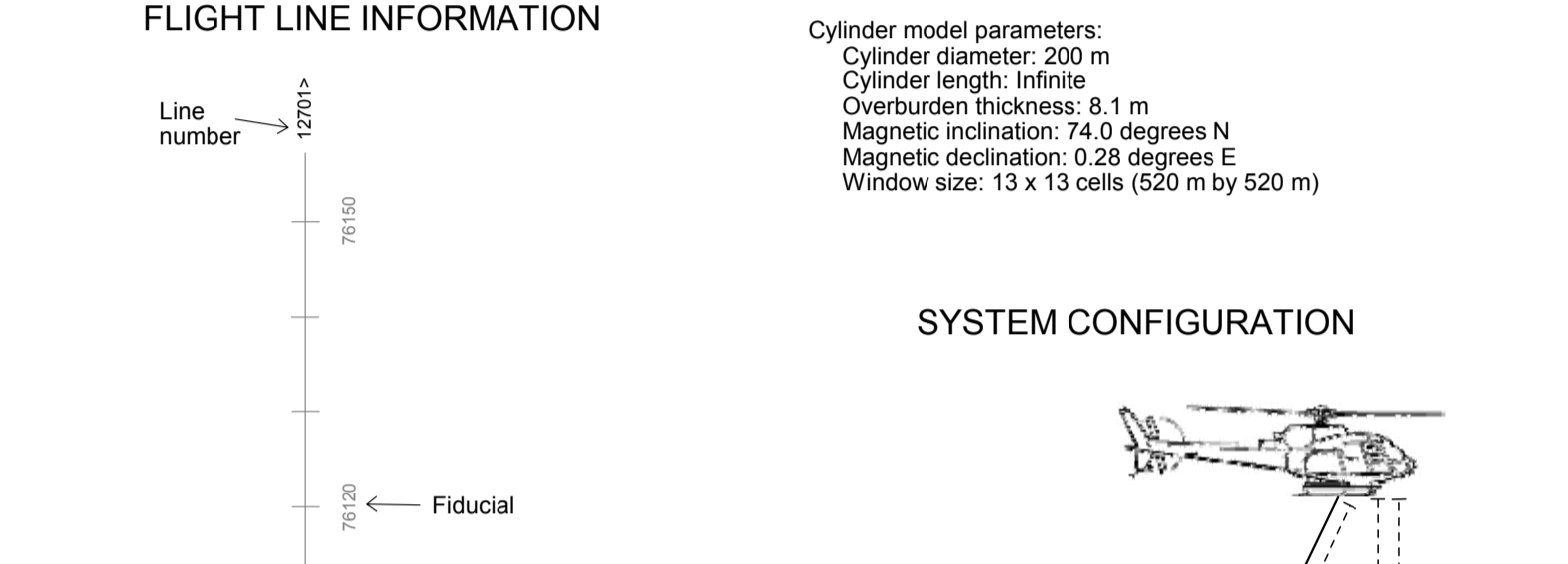
Data acquisition, data compilation and map production by Geotech Limited, Aurora, Ontario.
Project management and quality assurance by Paterson, Grant and Watson Limited, Toronto, Ontario.
Contract management, base maps and map surrounds by the Ontario Ministry of Northern Development and Mines, Sudbury, Ontario.
Every possible effort has been made to ensure the accuracy of the information presented; however, the Ontario Ministry of Northern Development and Mines does not assume liability for any errors that may occur. Users should verify critical information.
Corresponding digital data for this survey are available from the following Ontario Geological Survey publications:
Ontario Geological Survey 2014. Ontario airborne geophysical surveys, magnetic and electromagnetic data, grid and profile data (ASCII and Geocentric) format, and vector data, Nestor Falls area, Ontario Geological Survey, Geophysical Data Set 1076.
Issued 2014.
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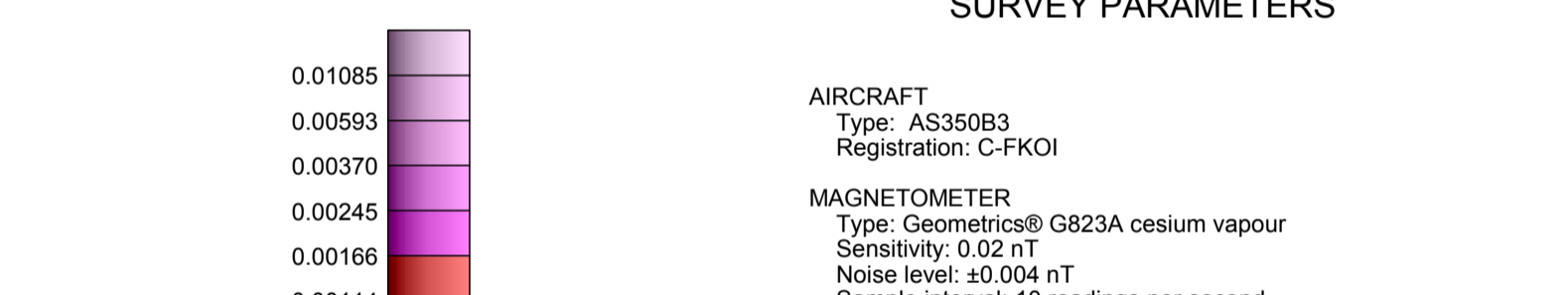
SHADED IMAGE SUN ANGLE



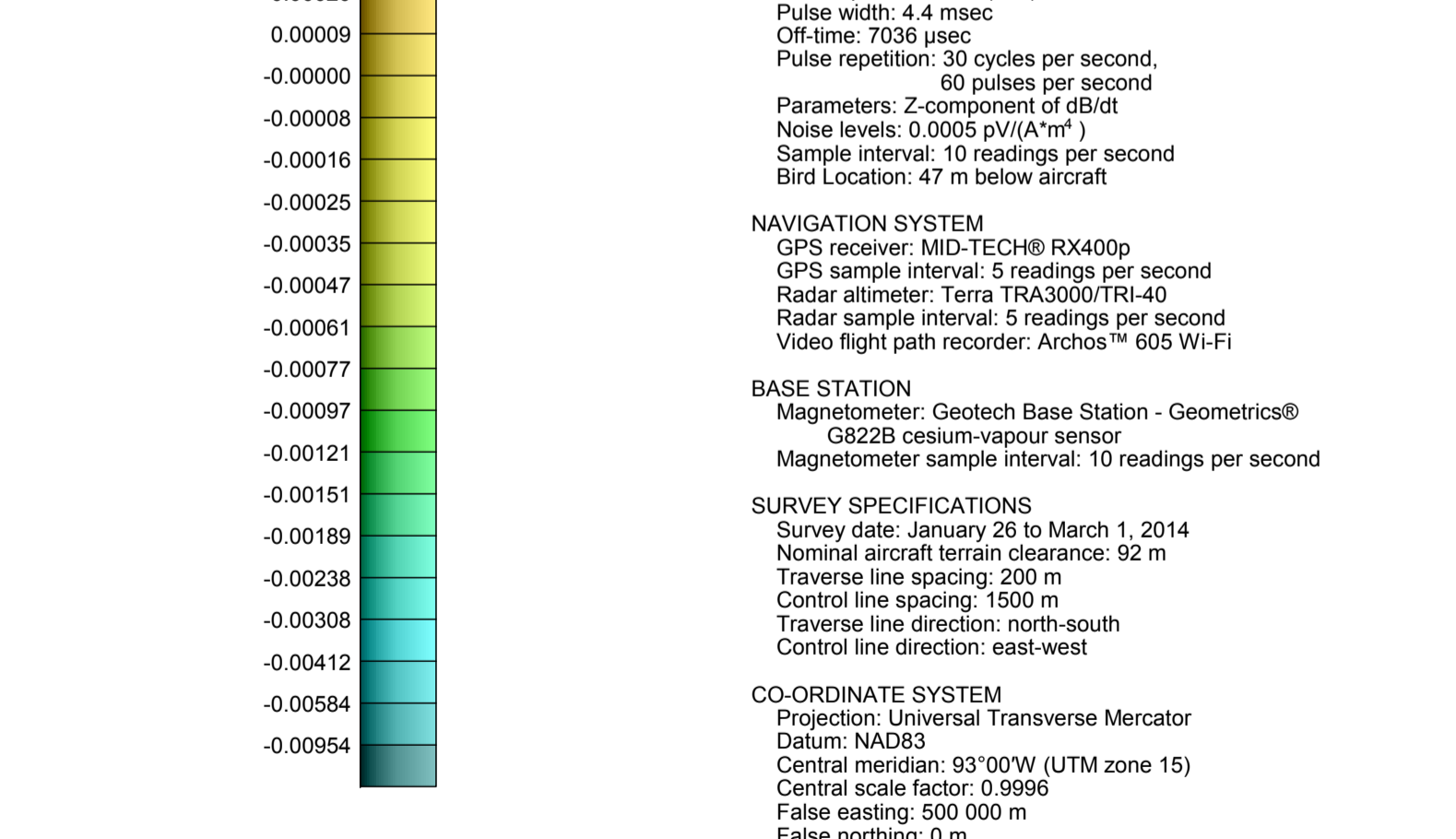
LEGEND



KEATING COEFFICIENTS



SECOND VERTICAL DERIVATIVE OF THE MAGNETIC FIELD GRID



SURVEY PARAMETERS

AIRCRAFT
Type: AS350B3
Registration: C-FXOI

MAGNETOMETER
Type: Geometrics® G823A cesium vapour
Sensitivity: 0.02 nT
Noise level: ±0.004 nT
Sample interval: 10 readings per second
Sensor location: 33 m below aircraft

ELECTROMAGNETIC SYSTEM
Type: VTEMPlus
Base frequency: 30 Hz
Current waveform: trapezoid
Peak dipole moment (NMA): 522 430 Am²
Pulse width: 4.4 msec
Off time: 7000 usec
Pulse repetition: 30 cycles per second, 60 pulses per second
Parameters: 2 component of dB/Dt
Noise level: 0.0002 pT/(m²)²
Sample interval: 10 readings per second
Bird location: 47 m below aircraft

NAVIGATION SYSTEM
GPS receiver: MID-TECH® RX400p
GPS sample interval: 5 readings per second
Radar altimeter: Terra TRAC3000/FR140
Radar sample interval: 5 readings per second
Video flight path recorder: Archos™ 605 Wi-Fi

BASE STATION
Magnetometer: Geotech Base Station - Geometrics® G82B cesium-vapour sensor
Magnetometer sample interval: 10 readings per second

SURVEY SPECIFICATIONS
Survey date: January 20 to March 1, 2014
Nominal aircraft terrain clearance: 92 m
Transverse line spacing: 200 m
Control line spacing: 1500 m
Transverse line direction: north-south
Control line direction: east-west

COORDINATE SYSTEM
Projection: Universal Transverse Mercator
Datum: NAD83
Central meridian: 83°00'W (UTM zone 15)
Central scale factor: 0.9996
False easting: 500 000 m
False northing: 0 m