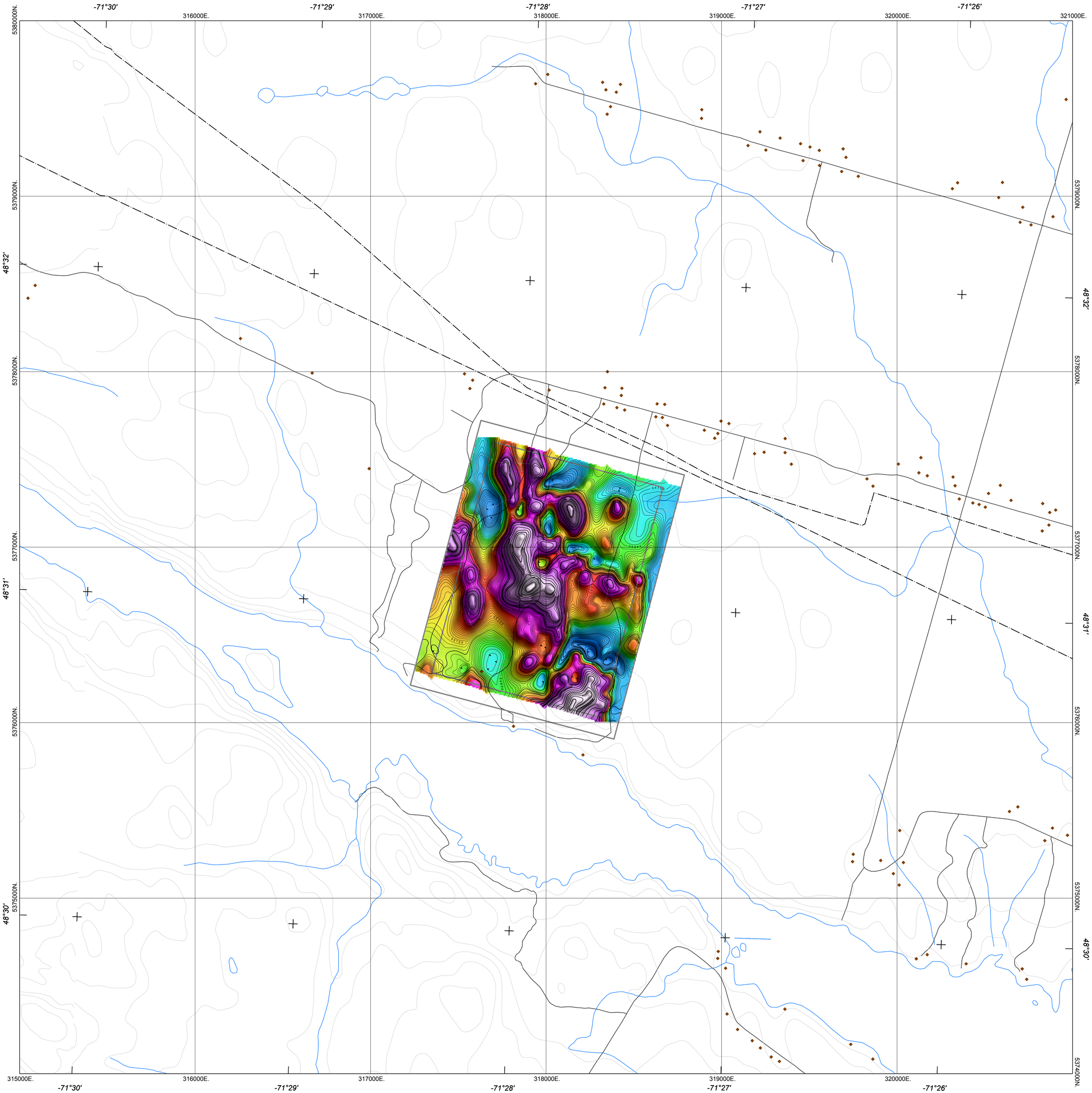


IOS SERVICES GEOSCIENTIFIQUES Inc.

Specification, Notes and Legends

Line Survey Specifications

Total line Kilometres : 62
Line Azimuth : ..... N 105° E
Line Spacing : ..... 25 m
Tie Azimuth : ..... N 15° E
Tie Spacing : ..... 320 m

Geodetic Specifications

Map Projection : ..... UTM
UTM zone : ..... 19 North
Central Meridian : ..... 69° West
Datum : WGS84
False Easting : 500 000
False Northing : 0
Scale Factor : 0.9996

Helicopter Specifications

Helicopter : ..... ASTAR 350 BA+
Average Speed : ..... 45 m/s
Average Height Above Ground : ..... 40 m

Magnetometer Specifications

Magnetometer : ..... Geometrics Cesium
Magnetometer Installation : ..... Stinger
Sample Rate : ..... 10 Hz
Base Station Magnetometer : ..... GEM. GSM-19, Overhauser

Data Acquisition System

(RMS-DAARC500 DAS & Adaptive Aeromagnetic
Real-Time Compensator)

Navigation Specifications

Radar Altimeter : ..... FreeFlight TRA-3000
GPS Receiver : ..... Novatel DL-V3
GPS Differential Correction: ..... Omnistar
GPS Sample Rate : ..... 1 s

Flight path

GPS data recorded during the flight was differentially corrected in realtime and then transformed to the UTM coordinate system

< 1575 — Flight Line Number — Fiducial Number
Flight Line Direction — 6500

Maps : Hydrographic Information, 1:50 K scale.

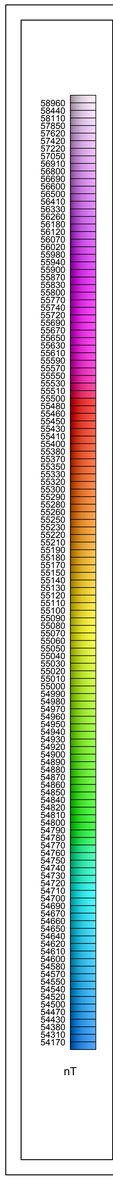
Notes :

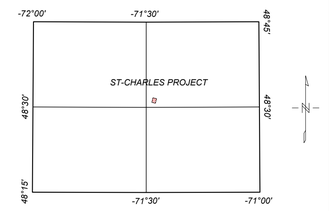
Magnetic data were corrected for diurnal drift and tie line levelled

Data Gridding Cell Size ..... 6.25 m

Map Contours are in NanoTesla

25 nT: .....
100 nT: .....
500 nT: .....
2000 nT: .....





Index Map :

IOS SERVICES GEOSCIENTIFIQUES Inc.

Client :

Project : Helicopter-Borne Geophysical Survey

Area : St-Charles Project,
Lac St Jean Region, Quebec

Title : Shadow: Inc. 45° , Dec. N 45° E
Magnetic Total Field
Contoured at 25 nT Intervals

scale : 250 0 250 500 750 metres
1: 10 000

GEO DATA SOLUTIONS GDS Inc.

Project # : P11037	Date : Sept. 21, 2011	Ref # : MTFIOS-StCH-10