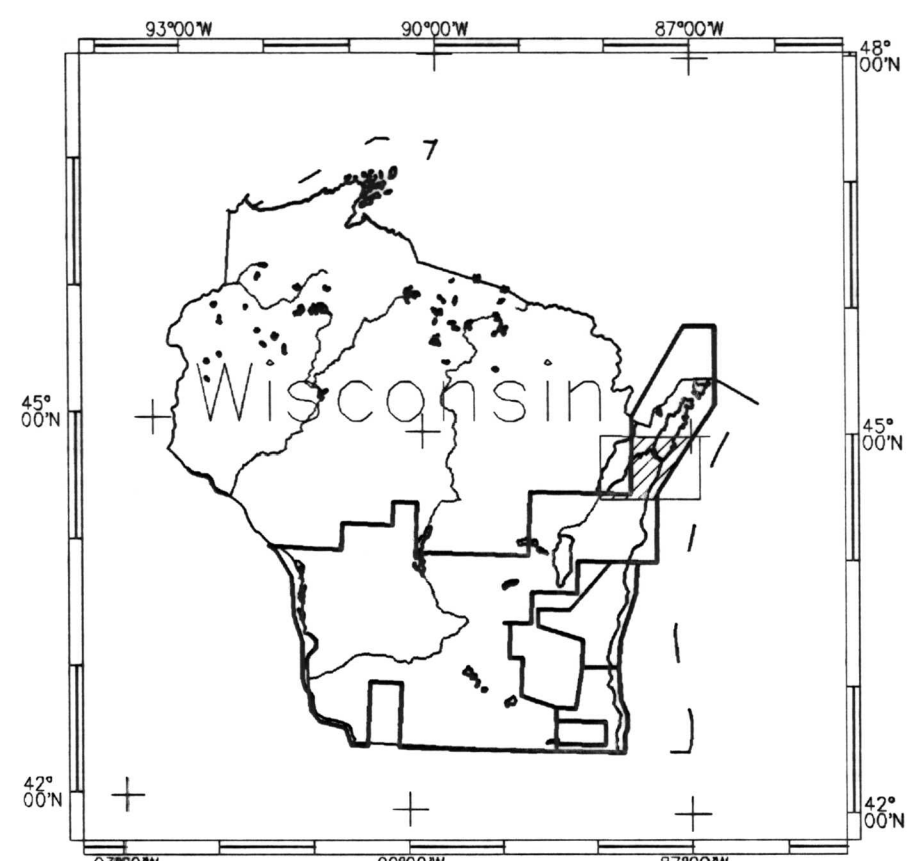
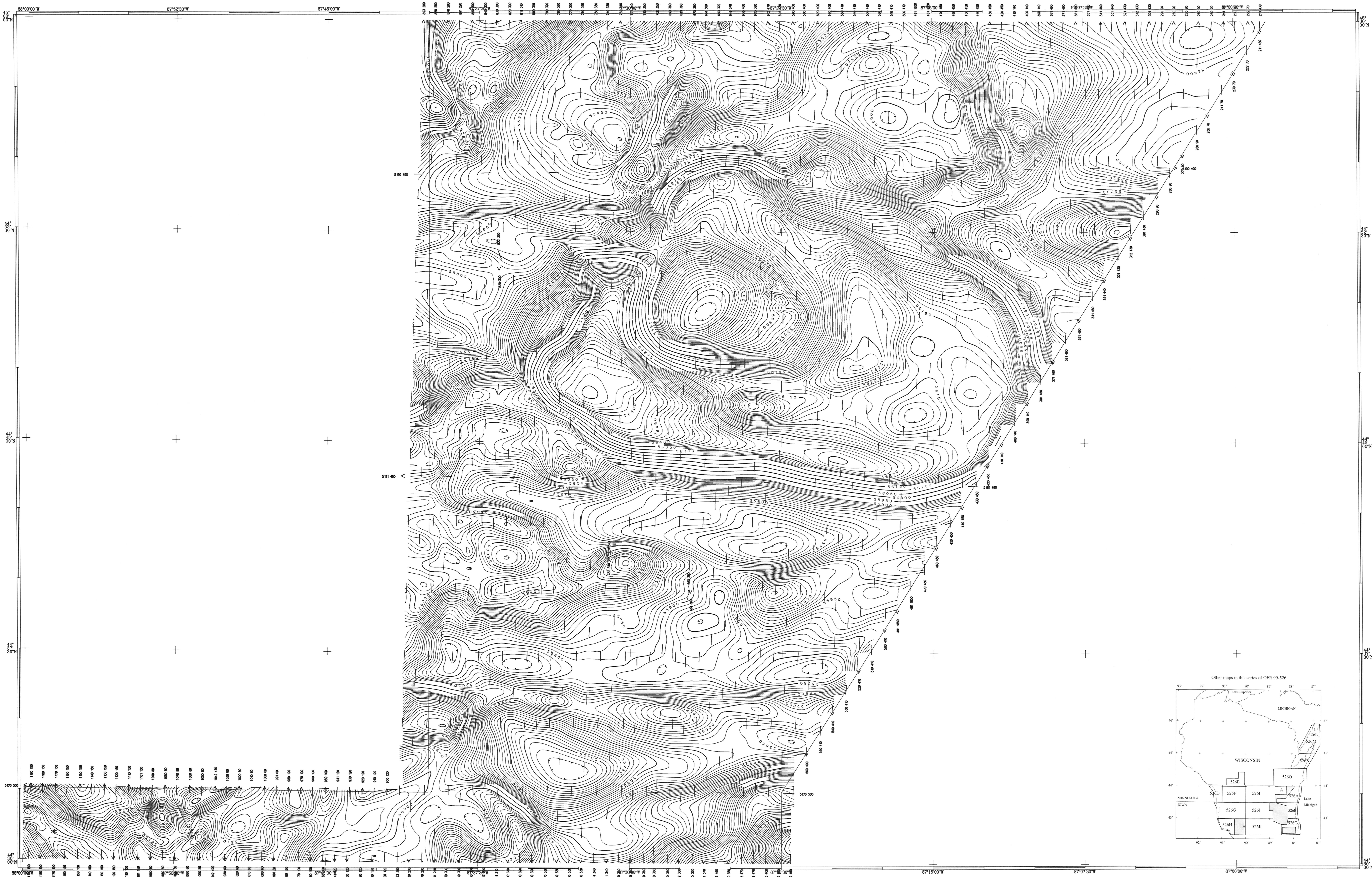


104.1
133
99-526 N



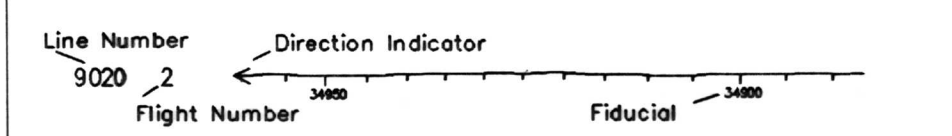
SURVEY SPECIFICATIONS	
Aircraft Altitude:	300m. a.g.l.
Sensor Altitude:	300m. a.g.l.
Line Spacing:	805m. Traverse / variable Control
Flight Direction:	N-S Traverse / E-W Control

AIRCRAFT	
Aviation Company:	Brucelandair International
Manufacturer/Type:	Cessna 206 (C GNNN)
Speed:	220 km/hr

EQUIPMENT	
High-Sense GFCS II geophysical flight control system with the following sensors installed in the aircraft:	
Magnetometer:	Scintrex CS2 cesium
Radar Altimeter:	Terra 3000
GPS Navigation:	Novatel 3751 12 channel

COMPILATION

FLIGHT PATH:
GPS data recorded during the flight has been differentially corrected and transformed to correspond to the Clarke 1866 (NAD27). Mean Cont. USA coordinate system. Spheroid: Clarke 1866 a=6378206.4 b=6356583.8 Projection: Universal Transverse Mercator Local Datum Shift: $ax ay az = 8 -160 -176$ Central Meridian: 87°W False Easting/Northing: 500,000 m. 0 m.



Note: Reproduction for open-file may introduce minor errors in scale and projection.

MAGNETICS:
The magnetic data has been corrected for diurnal variation by a process of base station subtraction. Heading errors have been eliminated by control-line levelling.

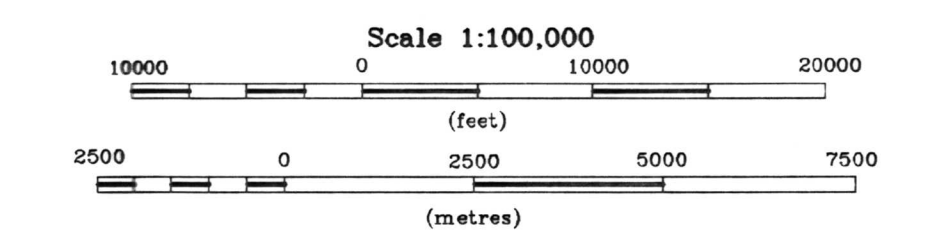
The grid interval is: 150 metres
The contour intervals are: 10, 50, 250 nT

*: LATITUDE: 44.51545° NORTH
LONGITUDE: 87.97473° WEST
RAW MAG: 57485.02 nT
IGRF10 MAG: -17.08 nT
DATE: 98-09-24
TIME: 18:17:01 UTC

AEROMAGNETIC SURVEY OF PARTS OF THE STURGEON BAY AND CRYSTAL LAKE 1:100,000 QUADRANGLES, WISCONSIN AND MICHIGAN

BY
U.S. GEOLOGICAL SURVEY
1999

High-Sense Geophysics Ltd. 50 West Beaver Creek, Richmond Hill, Canada L4B 1B5



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