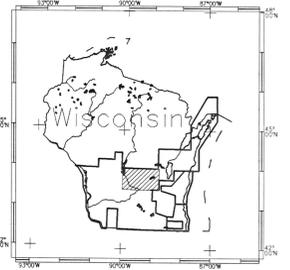
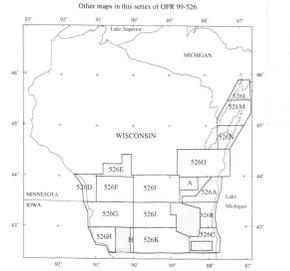
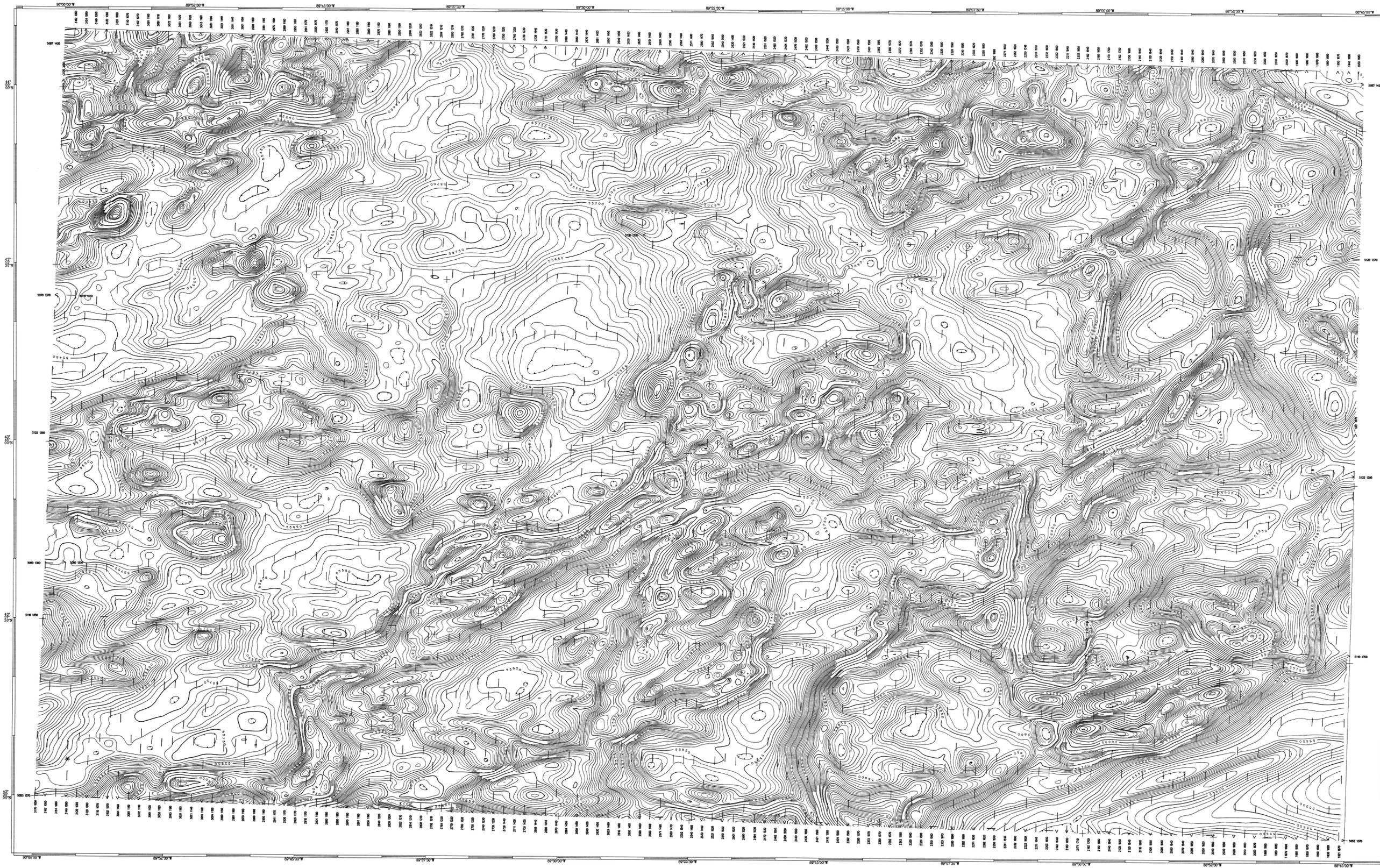


1 of 1  
99-526 I  
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**SURVEY SPECIFICATIONS**  
 Aircraft Altitude: 300m. a.g.l.  
 Sensor Altitude: 300m. a.g.l.  
 Line Spacing: 805m. Traverse / variable Control  
 Flight Direction: N-S Traverse / E-W Control

**AIRCRAFT**  
 Aviation Company: Brueckelair International  
 Manufacturer/Type: Cessna 206 (C-206N)  
 Survey Speed: 220 km/hr

**EQUIPMENT**  
 High-Sense OFCS I, 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 Cent. USA coordinate system. Spheroid: Clarke 1866 a=6378206.4 b=6356583.8 Projection: Universal Transverse Mercator Local Datum Shift: dx=49.42 = 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: 43.52651° NORTH  
 LONGITUDE: 89.97013° WEST  
 Pulk MAC: 56725.38 nT  
 IGRF'D MAC: -464.65 nT  
 DATE: 98-12-02  
 TIME: 15:09:58 UTC

**AEROMAGNETIC SURVEY OF THE WISCONSIN DELLS AND PARTS OF THE WISCONSIN RAPIDS, APPLETON, AND FOND DU LAC 1:100,000 QUADRANGLES, WISCONSIN**

BY  
**U.S. GEOLOGICAL SURVEY**  
 1999

High-Sense Geophysics Ltd. 50 West Beaver Creek, Richmond Hill, Ontario L4B 1S3

