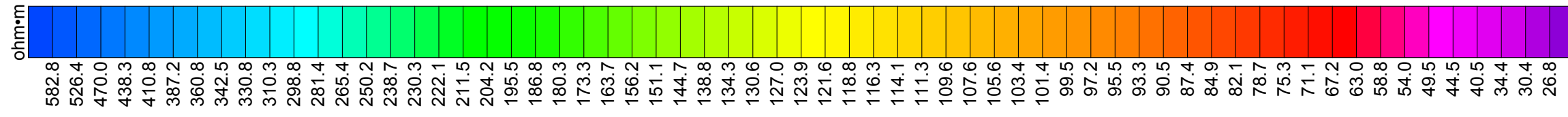


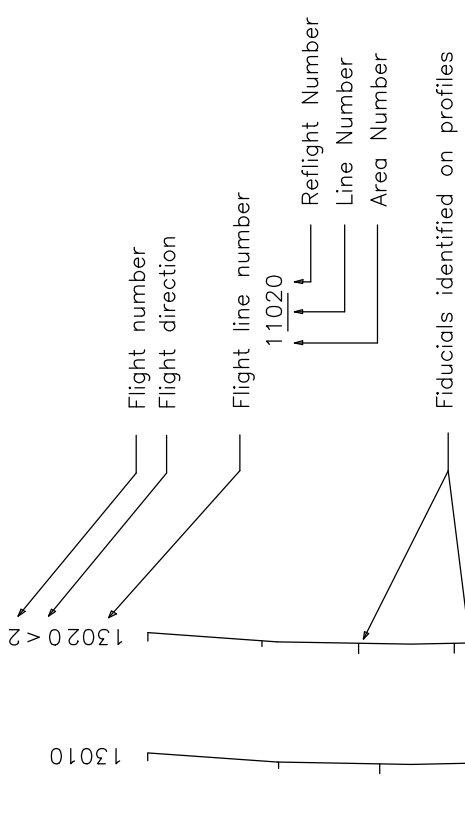
TECHNICAL SUMMARY

Navigation: Differentially-corrected GPS
 Data reduction grid interval: 100 metres
 Helicopter: 57 m sensor 30 m
 Terrain clearance: 30 m
 Magnetometer: 30 m
 Data sampling interval: 0.1 second
 Electromagnetic system: FUGRO RESOLVE
 Regional field removed: International Geomagnetic Reference Field 2005
 Date flown: March 16-17, 2007



Frequency Sensitivity Cell Orientation
 3300 Hz 0.12 ppm Vertical stack
 400 Hz 0.12 ppm Horizontal coplanar
 1500 Hz 0.12 ppm Horizontal coplanar
 750 Hz 0.12 ppm Horizontal coplanar
 25000 Hz 0.60 ppm Horizontal coplanar
 115000 Hz 0.60 ppm Horizontal coplanar

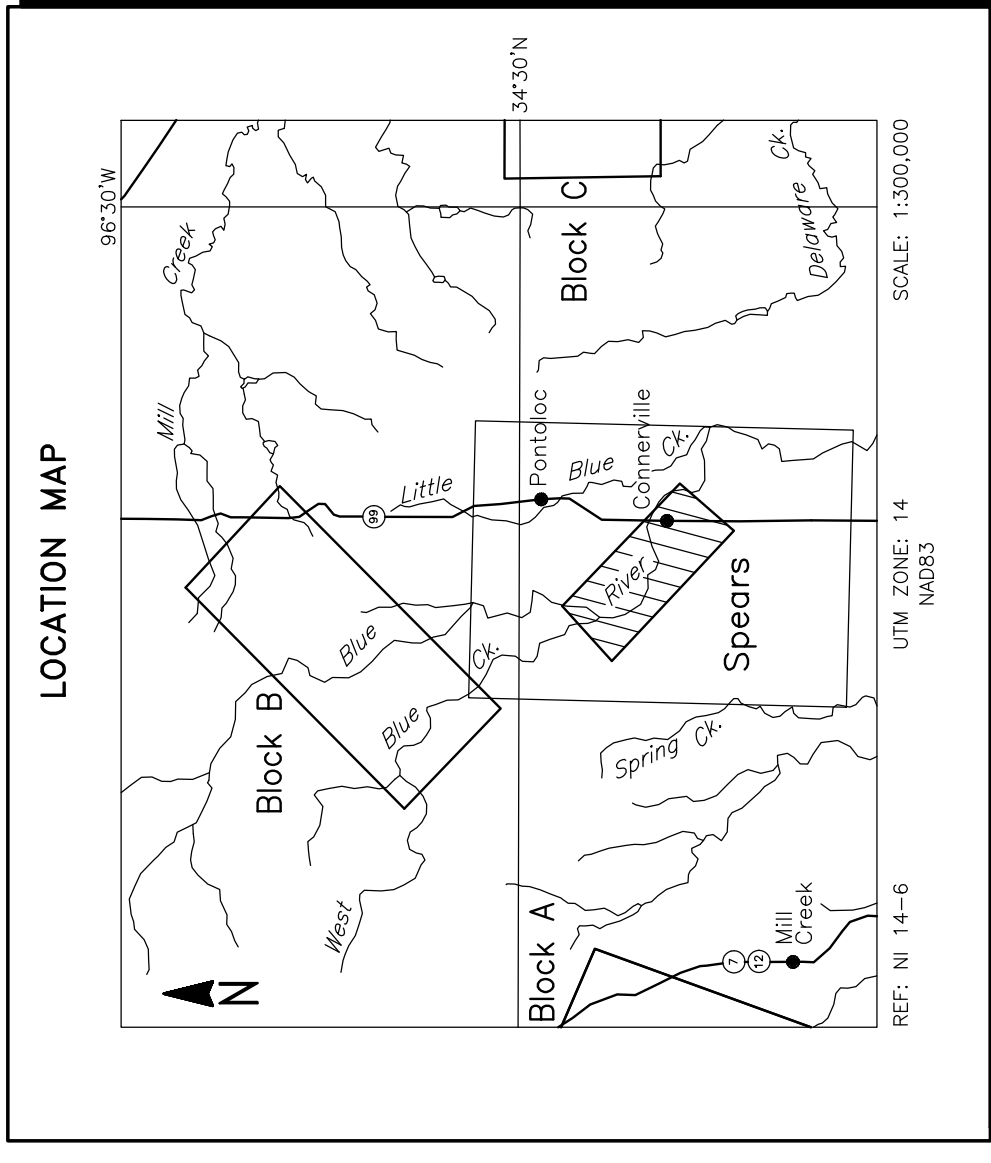
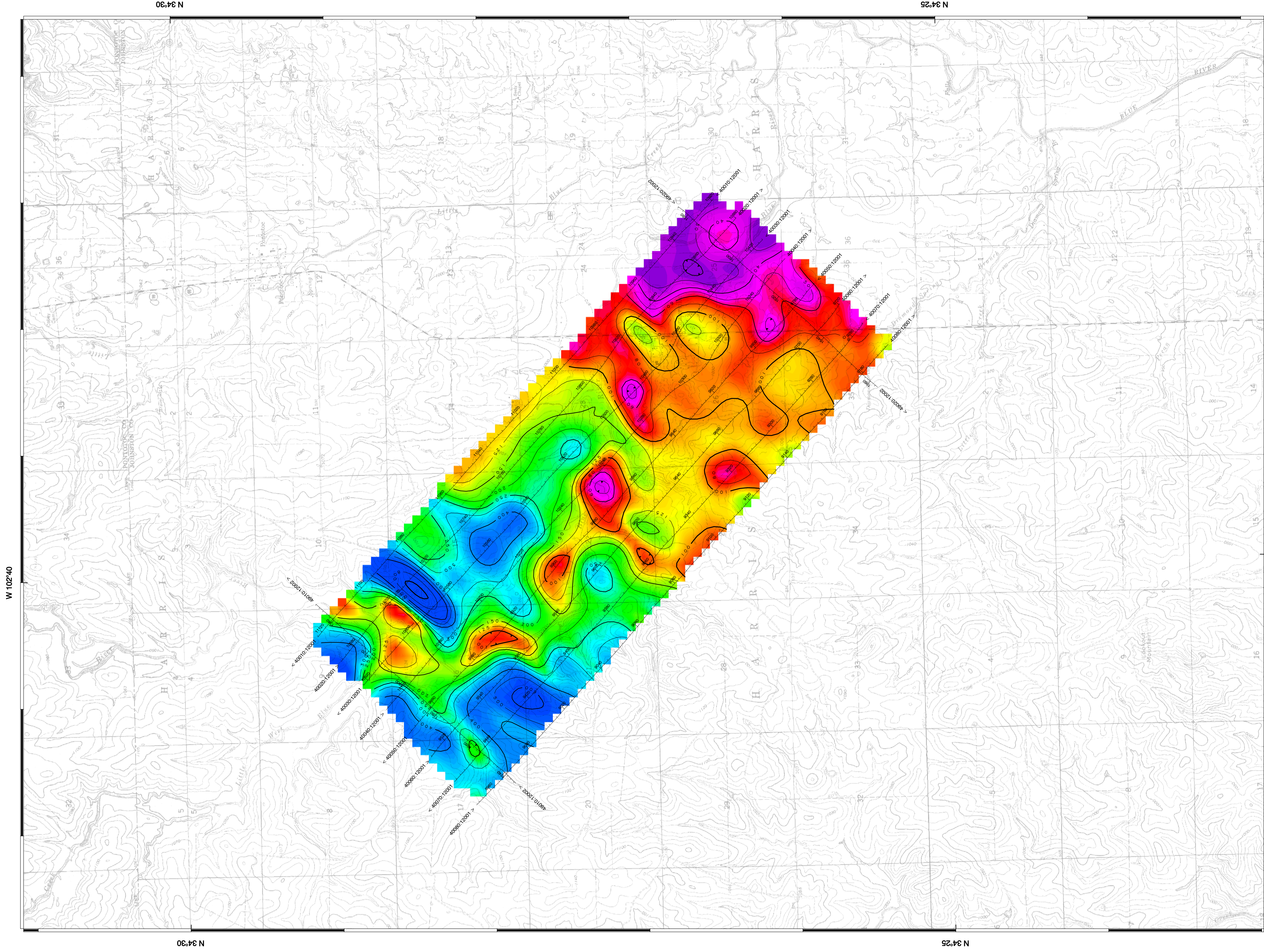
FLIGHT LINES



RESISTIVITY CONTOURS

1000
800
600
500
400
300
250
200
150
125
100

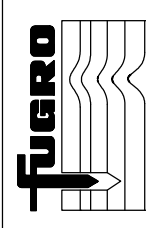
Contours in ohm-m at 10 intervals per decade.
 Apparent resistivity calculated using a pseudo-layer half-space model (Frazar, 1975).



U.S. GEOLOGICAL SURVEY
 Arbuckle Simpson Aquifer Spears Block, Oklahoma

APPARENT RESISTIVITY
115,000 Hz COPLANAR

FUGRO RESOLVE SURVEY REF: NI 14-6 GEOPHYSICIST:
 DATE: MARCH, 2007 JOB: 06079 SHEET: 1
 Fugro Airborne Surveys



FUGRO AIRBORNE SURVEYS