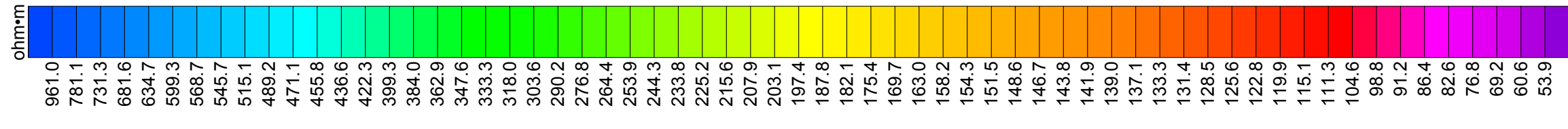


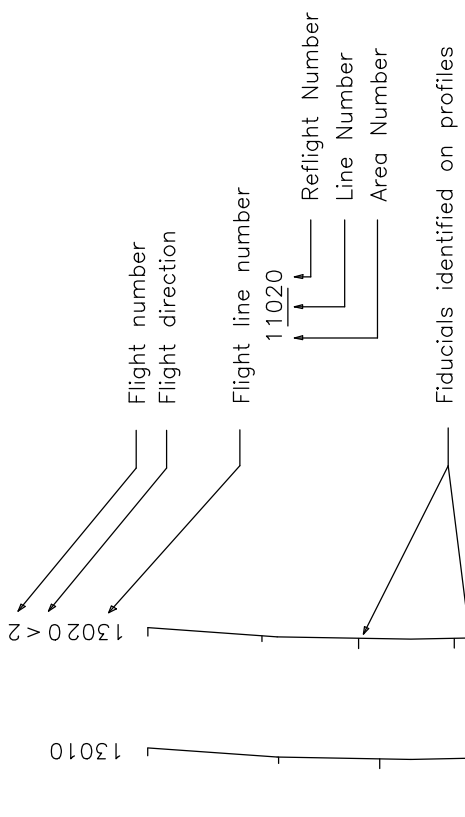
TECHNICAL SUMMARY

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 Vertical coplanar
 400 Hz Horizontal coplanar
 1500 Hz Horizontal coplanar
 750 Hz Horizontal coplanar
 25000 Hz Horizontal coplanar
 115000 Hz Horizontal coplanar

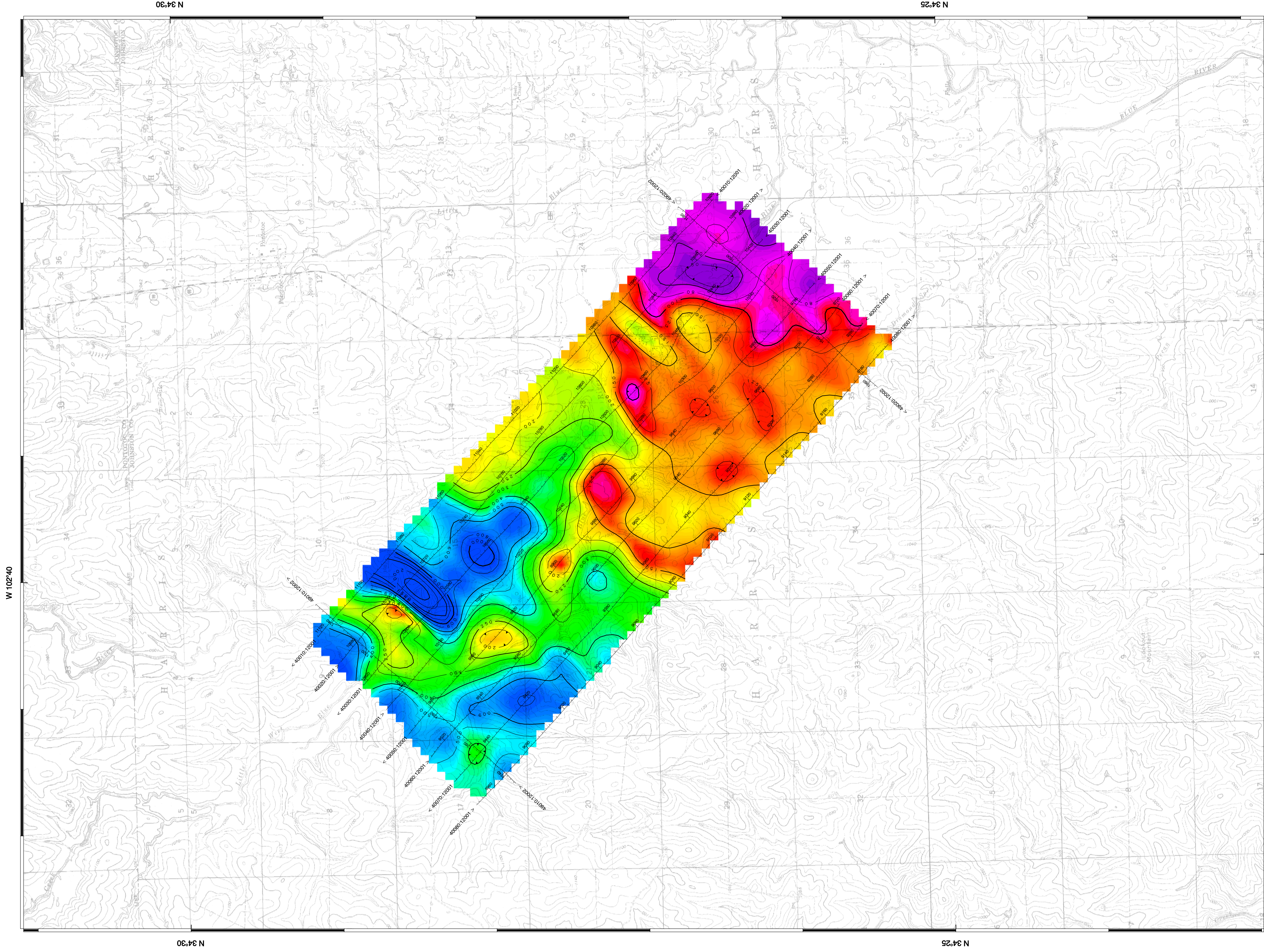
FLIGHT LINES



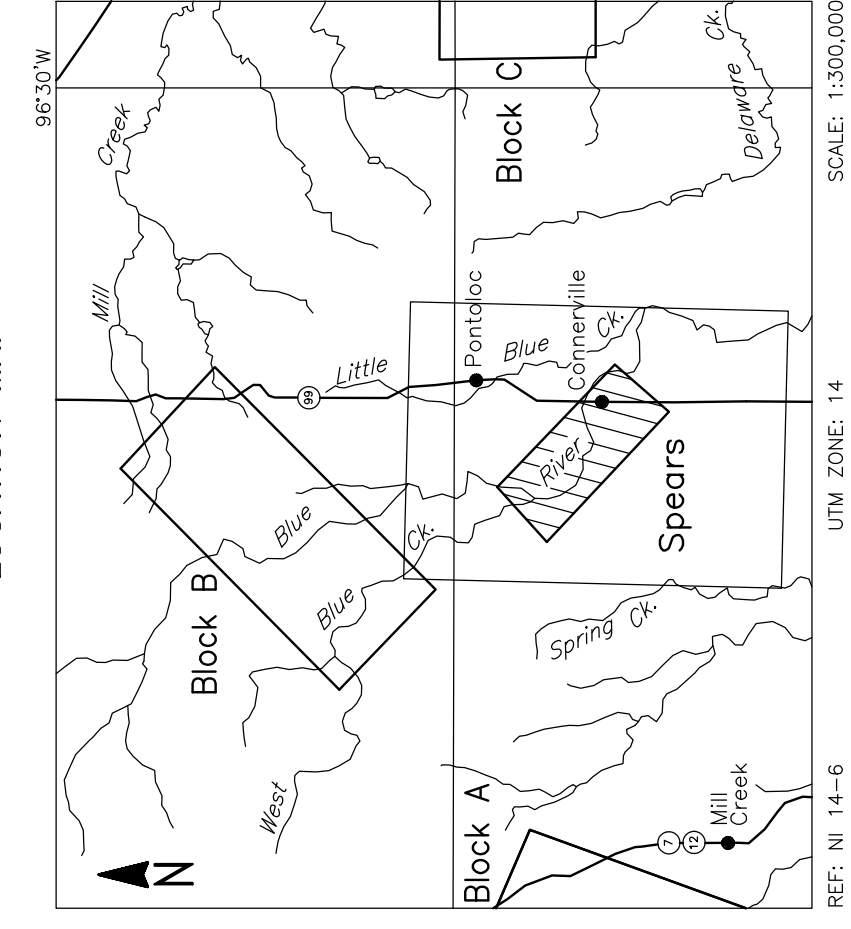
RESISTIVITY CONTOURS

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, 1976).



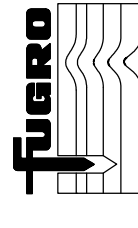
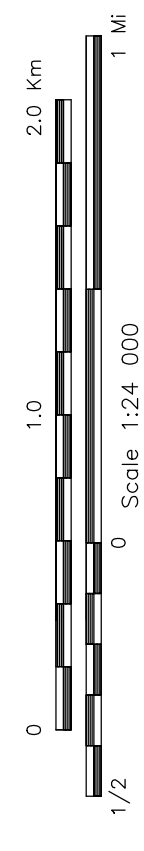
LOCATION MAP



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

**APPARENT RESISTIVITY
 25,000 Hz COPLANAR**

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



FUGRO AIRBORNE SURVEYS