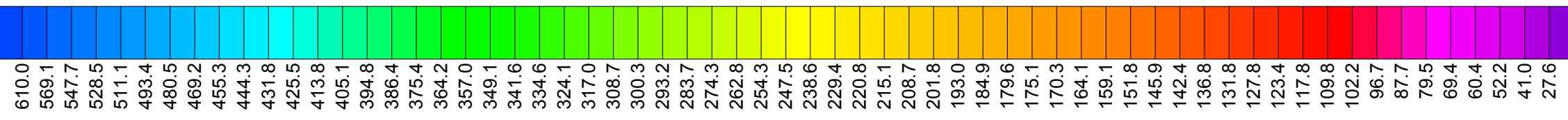


TECHNICAL SUMMARY

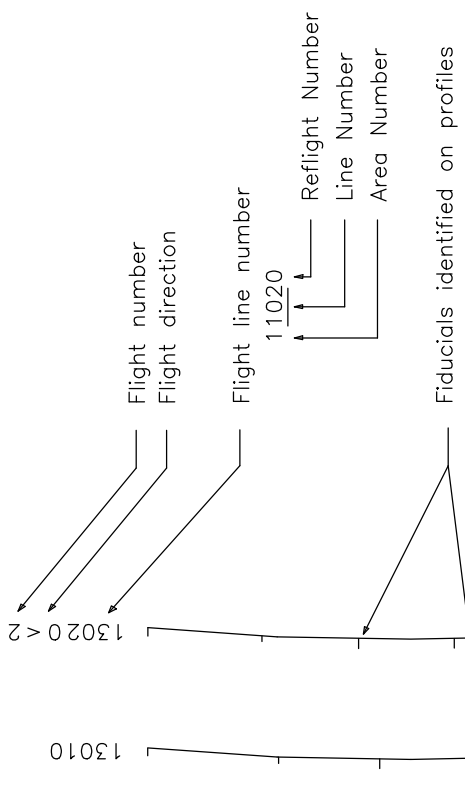
Navigation Differentially-corrected GPS
 Data reduction grid interval 100 metres
 Helicopter 57 m sensor 30 m
 Terrain clearance 30 m
 Magnetometer 30 m
 Data sampling interval 0.1 second
 Electromagnetic system FUGRO RESOLVE
 Regional field removed International Geomagnetic Reference Field 2005
 Date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

ohmm



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

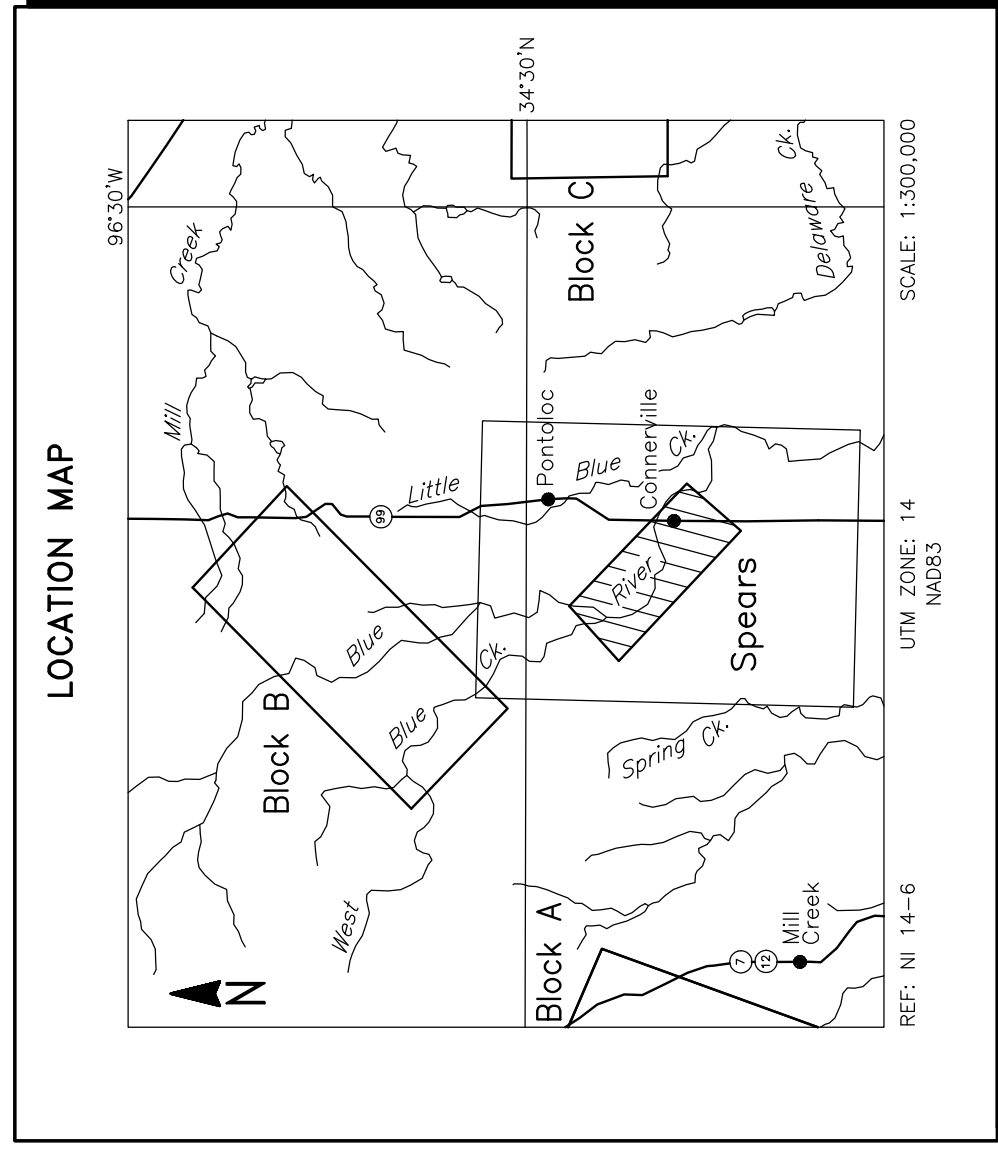
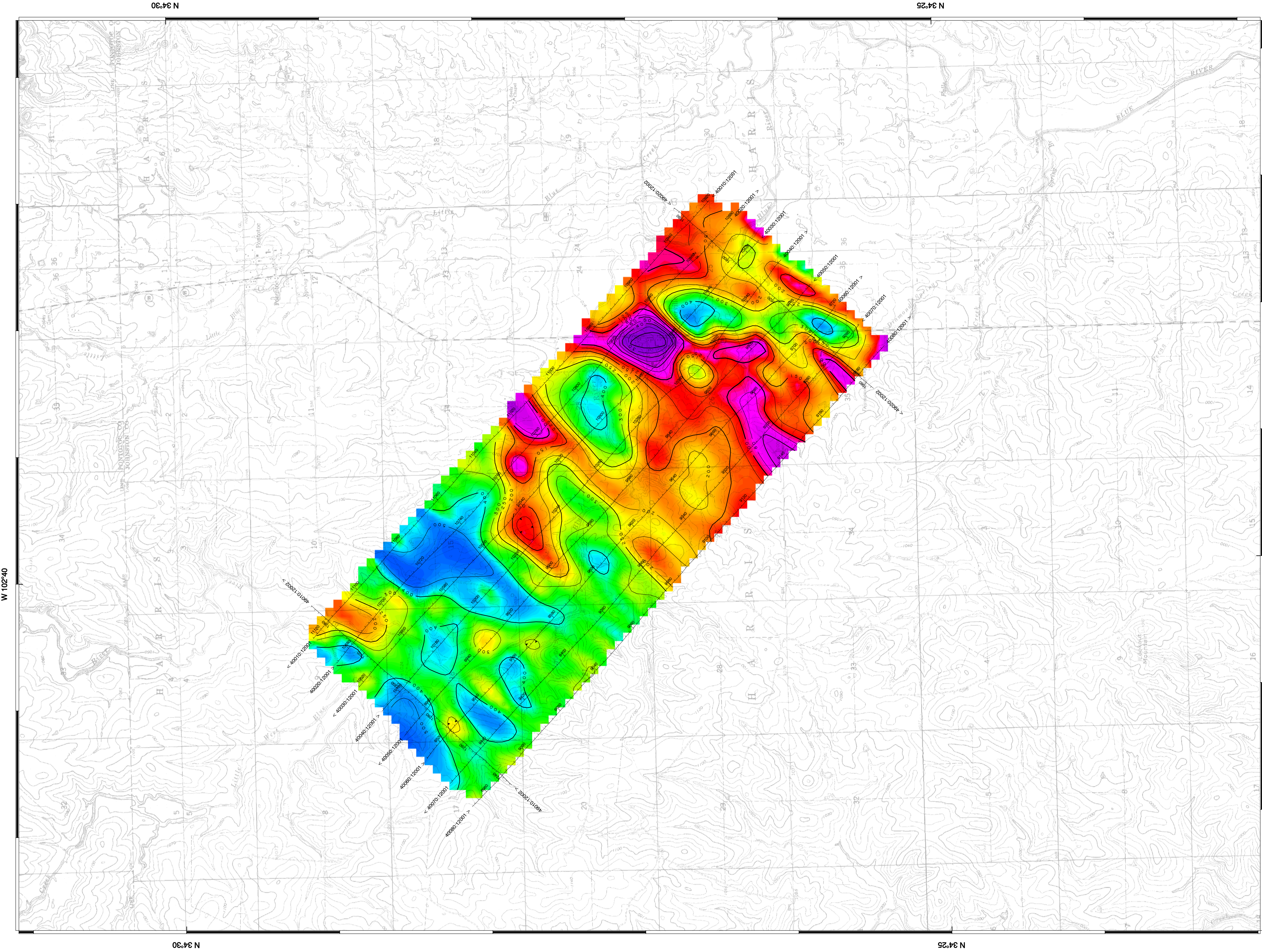
FLIGHT LINES



RESISTIVITY CONTOURS

| |
|------|
| 1000 |
| 800 |
| 600 |
| 500 |
| 400 |
| 300 |
| 250 |
| 200 |
| 150 |
| 125 |
| 100 |

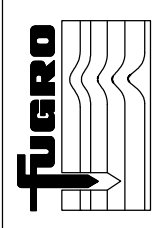
Contours in ohm-m at 10 intervals per decade.
 Apparent resistivity calculated using a pseudo-layer half-space model (Frazar, 1976).



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

**APPARENT RESISTIVITY
 400 Hz COPLANAR**

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



FUGRO AIRBORNE SURVEYS