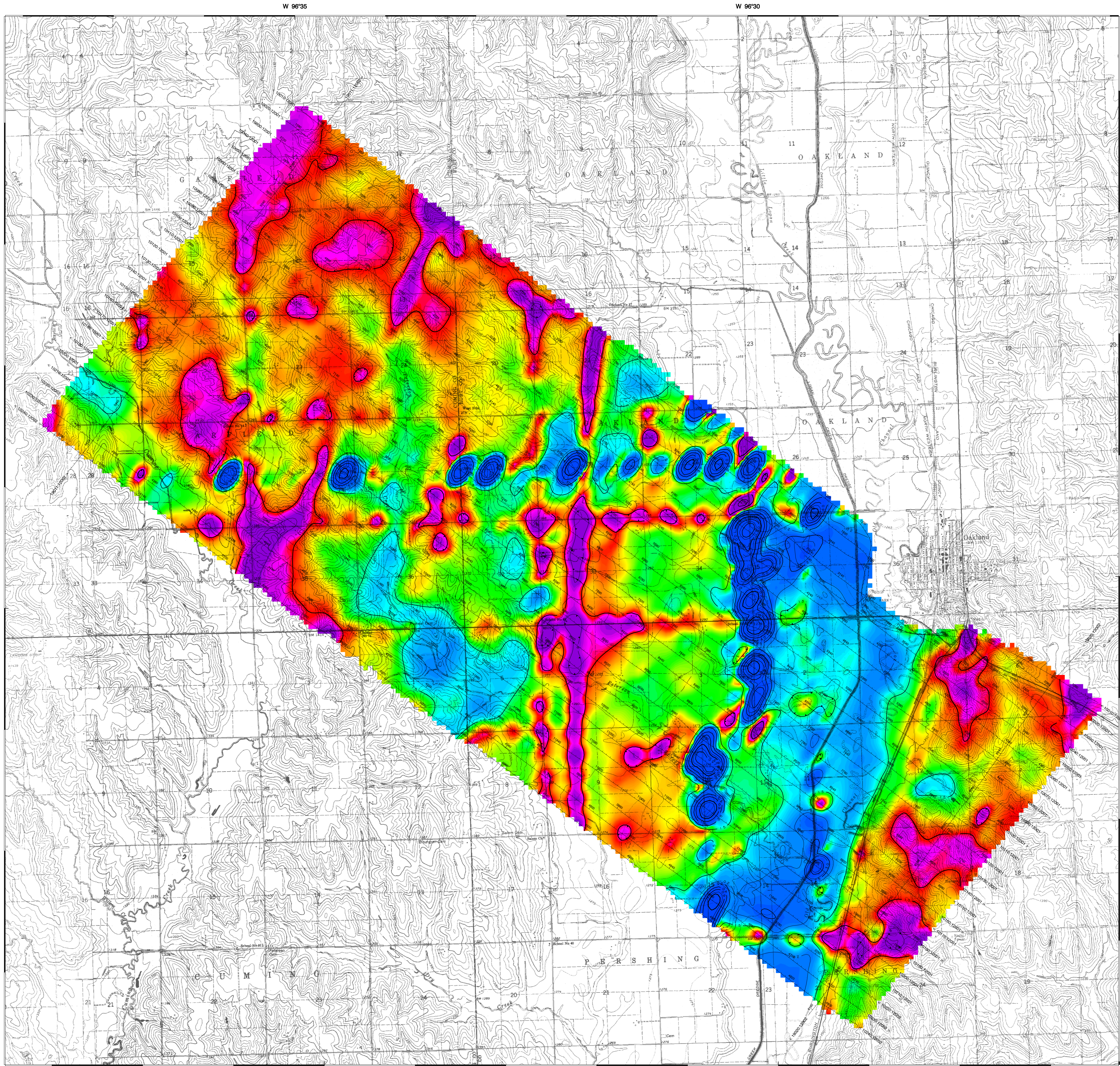




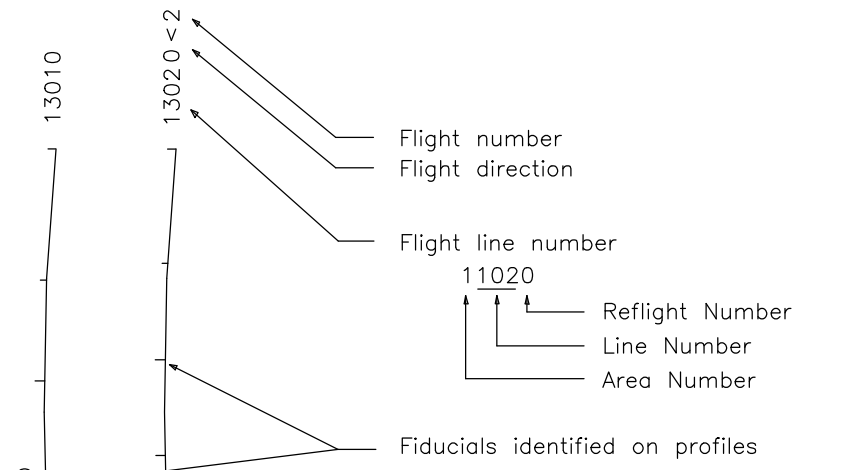
# TECHNICAL SUMMARY

Navigation . . . . . Differentially-corrected GPS  
Data reduction grid interval . . . . . 70 metres  
Terrain clearance . . . . . Helicopter 57 m  
Electromagnetic sensor 30 m  
Magnetometer 30 m  
Data sampling interval . . . . . 0.1 second  
Magnetometer / sensitivity . . . . . Cesium / 0.01 nT  
Electromagnetic system . . . . . FUGRO RESOLVE  
Regional field removed . . . . . International Geomagnetic Reference Field 2005  
Date flown . . . . . March 22-23, 2007

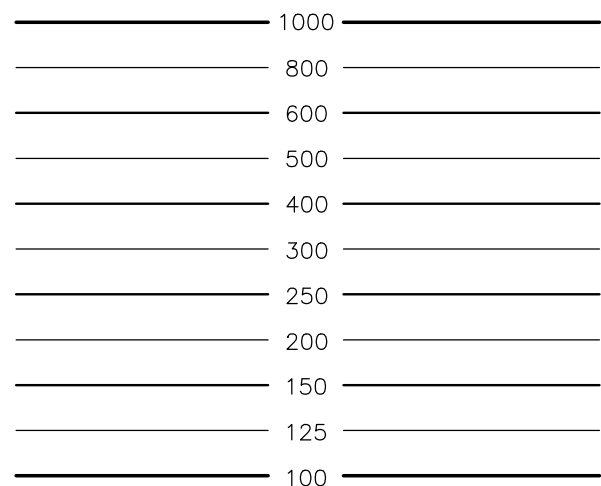
| Frequency | Sensitivity | Coil Orientation    |
|-----------|-------------|---------------------|
| 3300 Hz   | 0.12 ppm    | Vertical coaxial    |
| 400 Hz    | 0.12 ppm    | Horizontal coplanar |
| 1500 Hz   | 0.12 ppm    | Horizontal coplanar |
| 6200 Hz   | 0.24 ppm    | Horizontal coplanar |
| 25000 Hz  | 0.60 ppm    | Horizontal coplanar |
| 115000 Hz | 0.60 ppm    | Horizontal coplanar |



## FLIGHT LINES

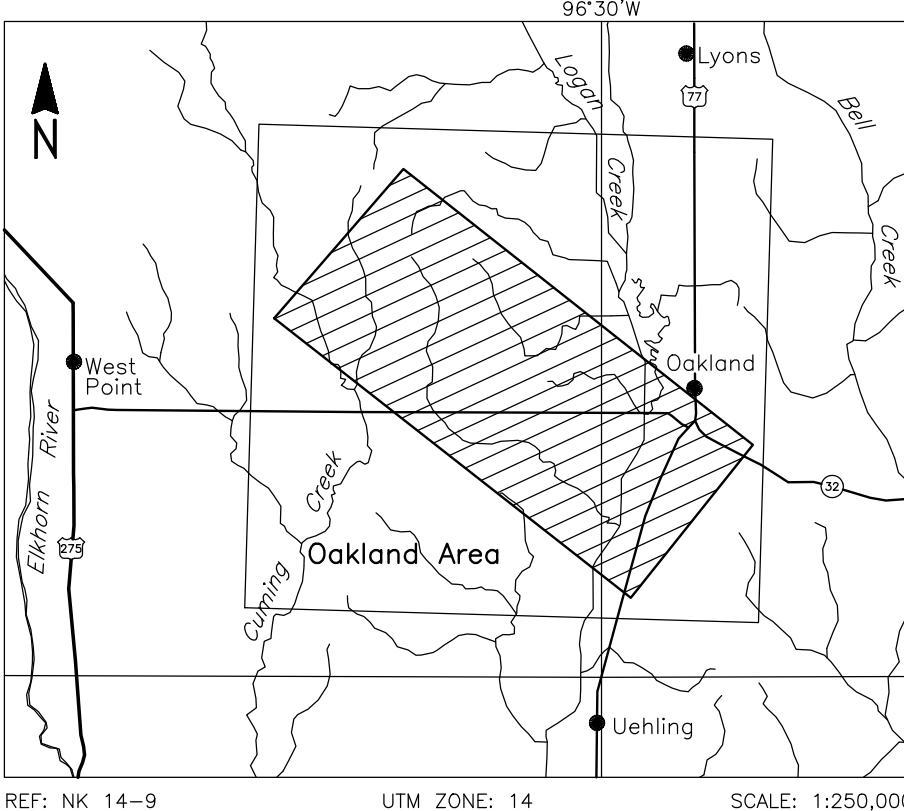


## RESISTIVITY CONTOURS



Contours in ohm-m at 10 intervals per decade.  
Apparent resistivity calculated using a pseudo-layer half-space model (Fraser 1978).

## LOCATION MAP

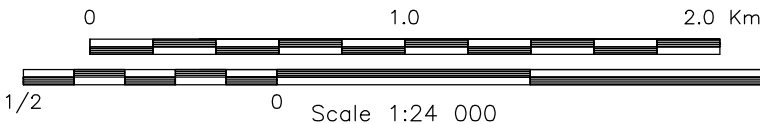


U.S. GEOLOGICAL SURVEY  
OAKLAND AREA, NEBRASKA

APPARENT RESISTIVITY  
400 Hz COPLANAR

|                      |              |               |
|----------------------|--------------|---------------|
| FUGRO RESOLVE SURVEY | REF: NK 14-9 | GEOPHYSICIST: |
| DATE: APRIL, 2007    | JOB: 07026   | SHEET: 1      |

Fugro Airborne Surveys



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