

W 96°40

W 96°35

N 40°35

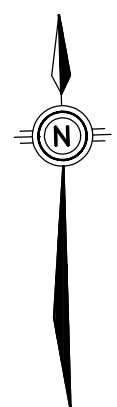
N 40°30

W 96°40

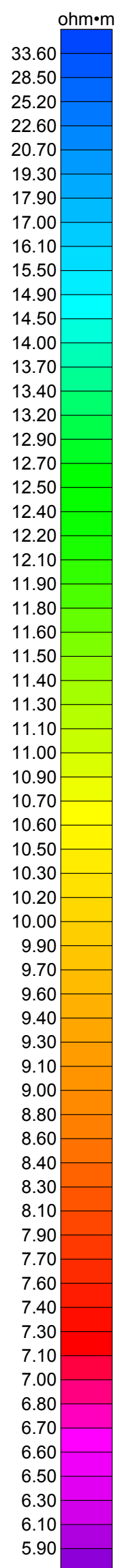
W 96°35

TECHNICAL SUMMARY

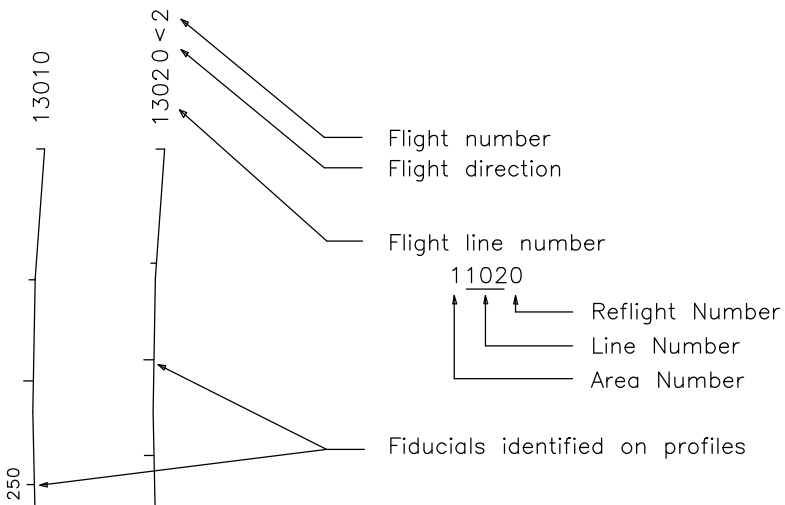
Navigation Differentially-corrected GPS
Data reduction grid interval 70 metres
Terrain clearance Helicopter 57 m
Electromagnetic sensor 30 m
Magnetometer 30 m
Data sampling interval 0.1 second
Magnetometer / sensitivity Cesium / 0.01 nT
Electromagnetic system FUGRO RESOLVE
Regional field removed International Geomagnetic Reference Field 2005
Date flown April 2, 2007



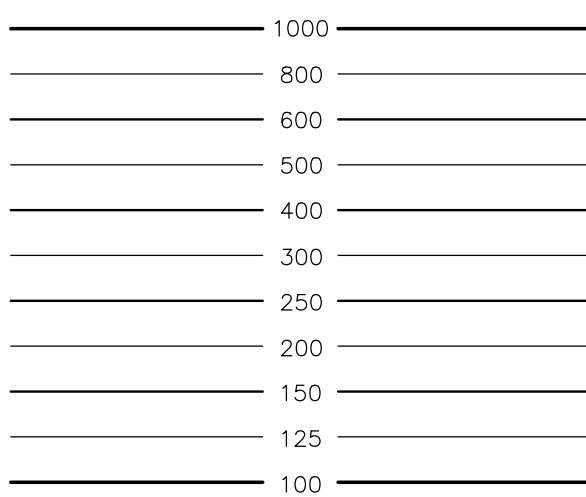
Frequency	Sensitivity	Coil Orientation
3300 Hz	0.12 ppm	Vertical coaxial
400 Hz	0.12 ppm	Horizontal coplanar
1500 Hz	0.12 ppm	Horizontal coplanar
6200 Hz	0.24 ppm	Horizontal coplanar
25000 Hz	0.60 ppm	Horizontal coplanar
115000 Hz	0.60 ppm	Horizontal coplanar



FLIGHT LINES

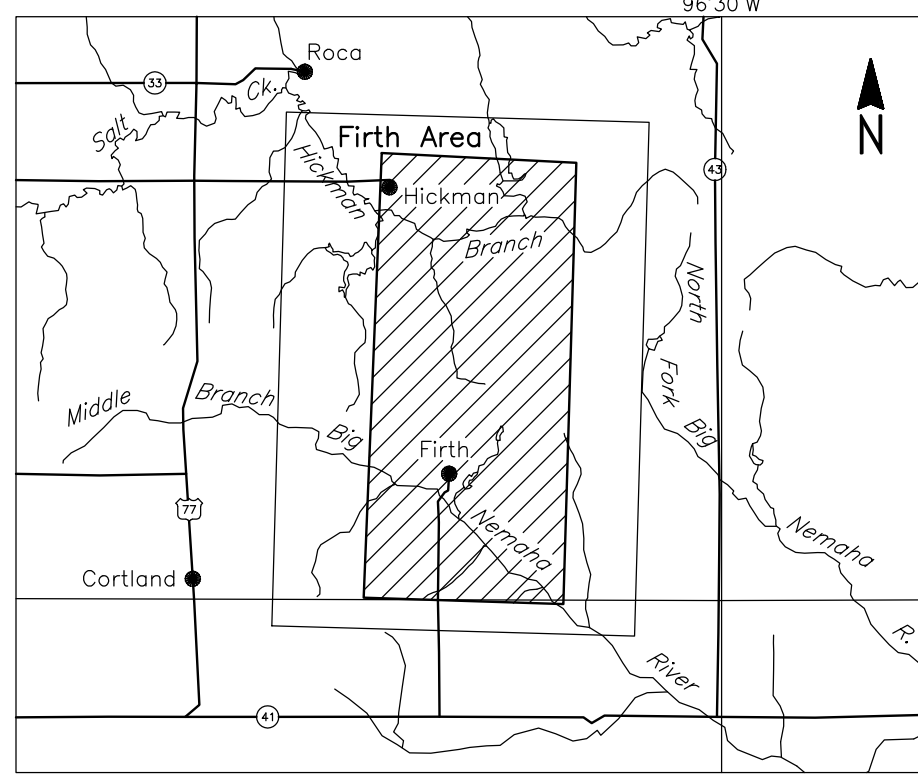


RESISTIVITY CONTOURS



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

LOCATION MAP

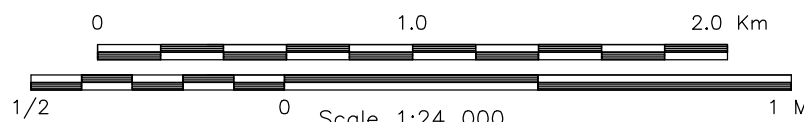


U.S. GEOLOGICAL SURVEY FIRTH AREA, NEBRASKA

APPARENT RESISTIVITY 115,000 Hz COPLANAR

FUGRO RESOLVE SURVEY	REF: NK 14-12	GEOPHYSICIST:
DATE: APRIL, 2007	JOB: 07026	SHEET: 1

Fugro Airborne Surveys



FUGRO AIRBORNE SURVEYS

