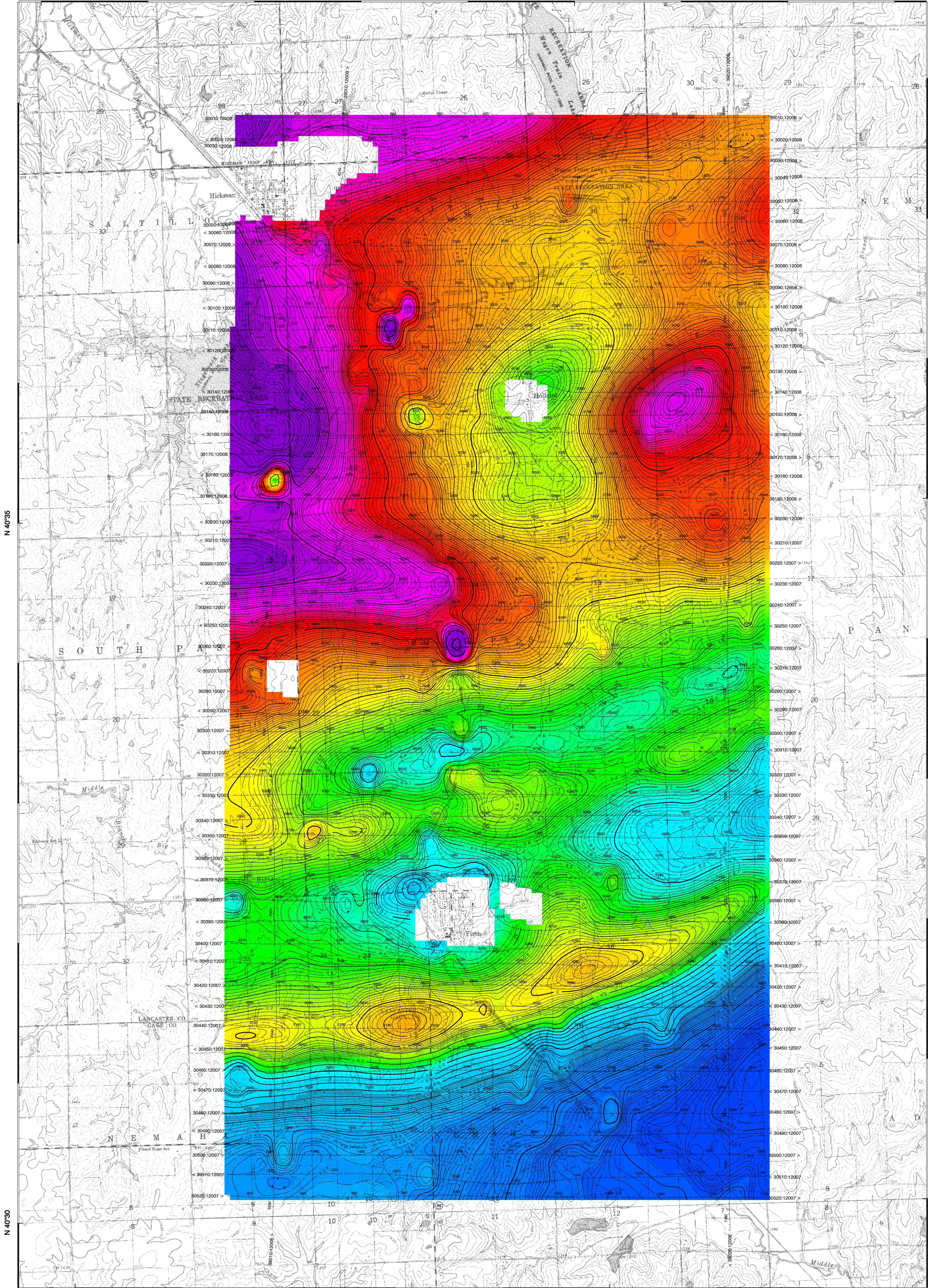


W 96°40

W 96°35

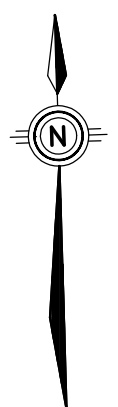


W 96°40

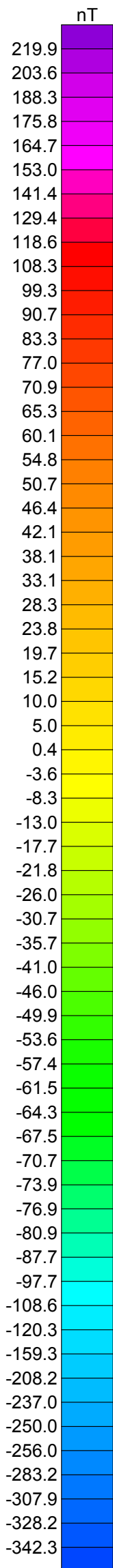
W 96°35

TECHNICAL SUMMARY

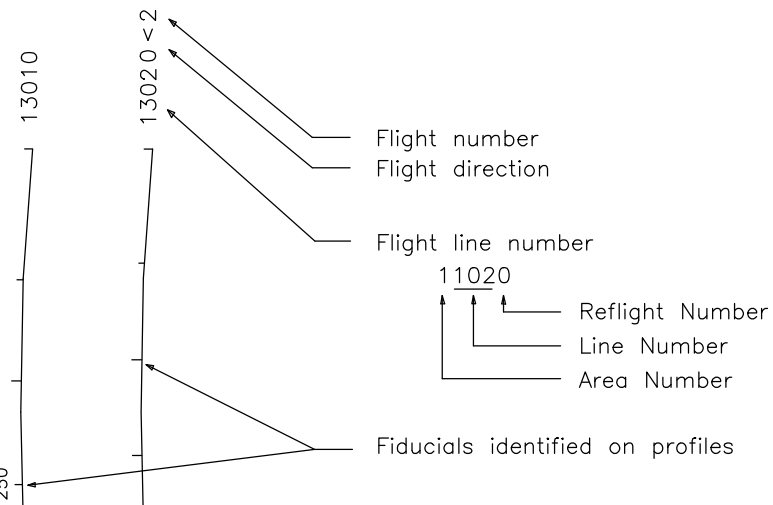
Navigation Differentially-corrected GPS
Data reduction grid interval 70 metres
Terrain clearance Helicopter 57 m
Electromagnetic sensor 30 m
Magnetometer 30 m
Data sampling interval 0.1 second
Magnetometer / sensitivity Cesium / 0.01 nT
Electromagnetic system FUGRO RESOLVE
Regional field removed International 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

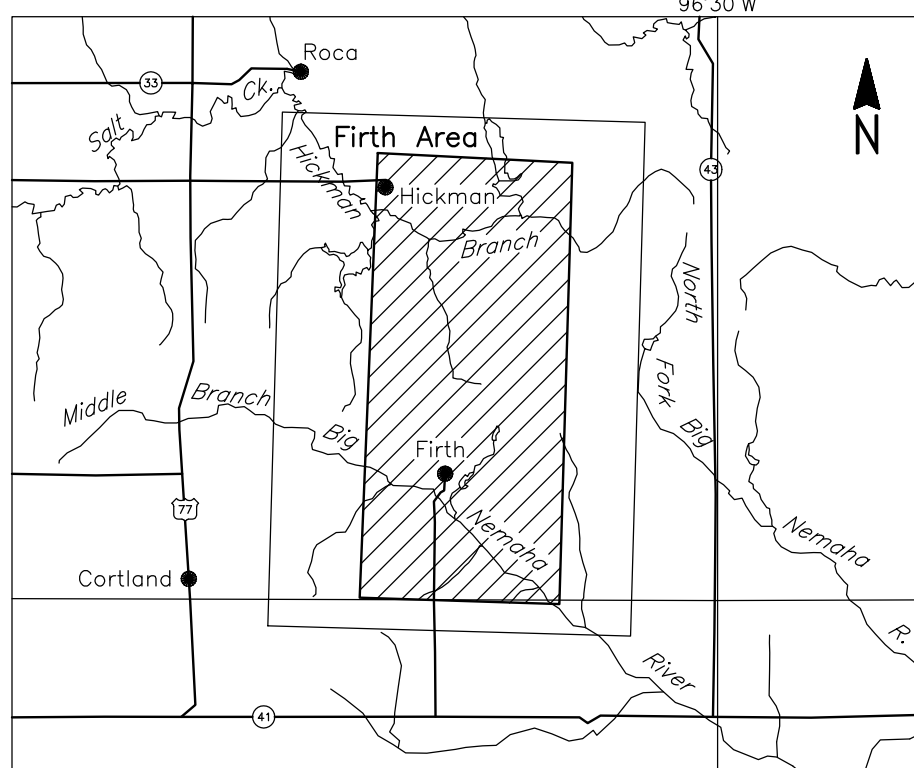


RESIDUAL MAGNETIC FIELD CONTOURS



Magnetic inclination within the survey area: 68 degrees N
Magnetic declination within the survey area: 4 degrees E

LOCATION MAP

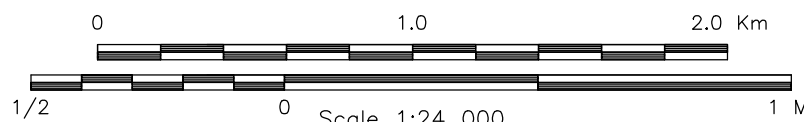


REF: NK 14-12 UTM ZONE: 14 NAD83 SCALE: 1:250,000

U.S. GEOLOGICAL SURVEY FIRTH AREA, NEBRASKA

RESIDUAL MAGNETIC FIELD IGRF Removed

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



FUGRO AIRBORNE SURVEYS

