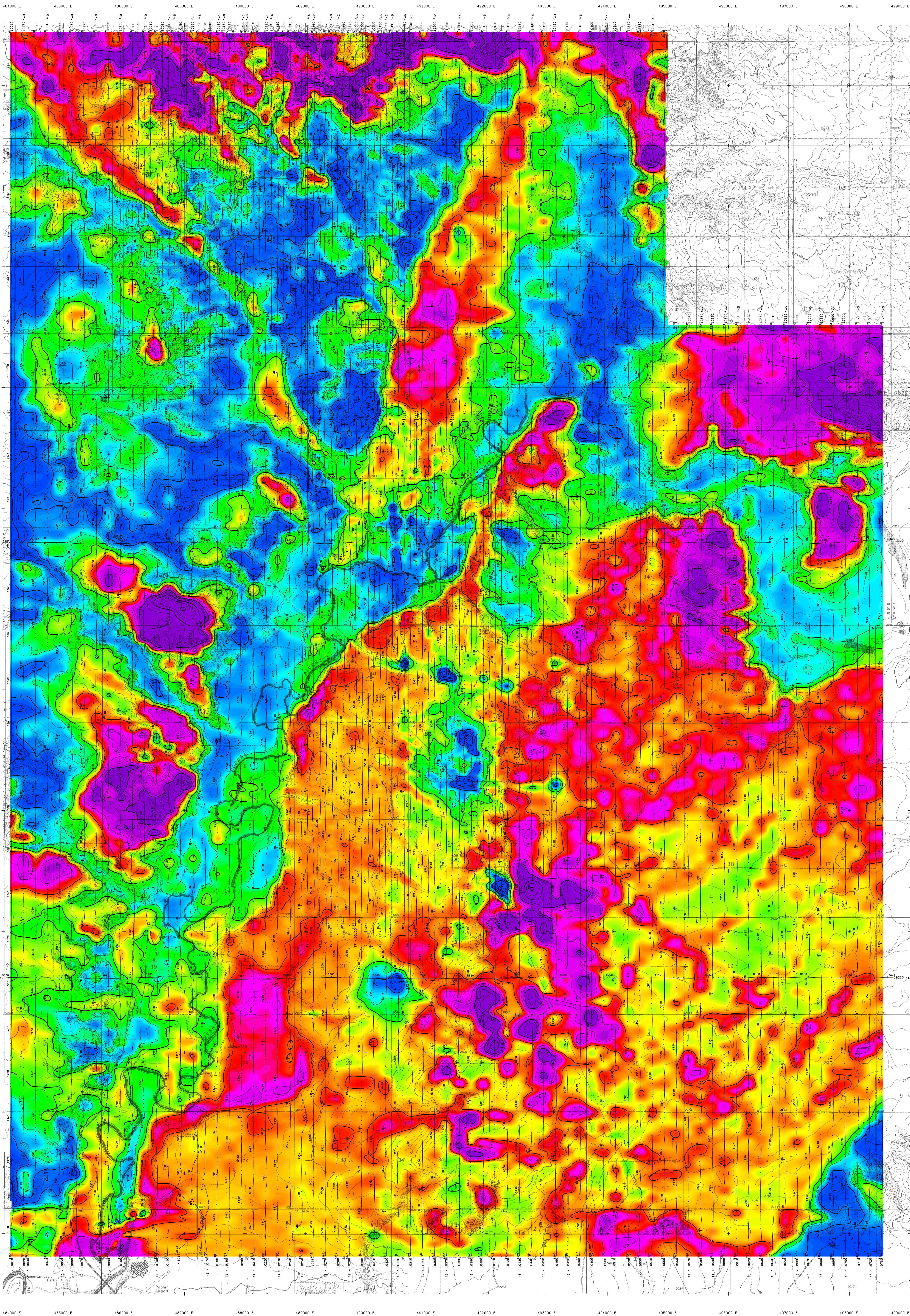




TECHNICAL SUMMARY

Navigation Differentially-corrected GPS
Data reduction grid interval 40 metres, 20 m (grills)
Terrain clearance Helicopter 5.7 m
Electromagnetic sensor 30 m
Magnetometer 30 m
Data sampling interval 0.1 second
Magnetometer / sensitivity Cesium / 0.01 nT
Electromagnetic system FUGRO RESOLVE

Frequency	Sensitivity	Coil Orientation
3300 Hz	0.12 ppm	Vertical coaxial
400 Hz	0.12 ppm	Horizontal coplanar
1800 Hz	0.12 ppm	Horizontal coplanar
8200 Hz	0.24 ppm	Horizontal coplanar
40000 Hz	0.60 ppm	Horizontal coplanar
140000 Hz	0.60 ppm	Horizontal coplanar

FLIGHT LINES

Flight number
Flight direction
Flight line number
11020
Reflight Number
Line Number
Area Number
Fiducials identified on profiles

RESISTIVITY CONTOURS

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

NTS: NM13-11
UTM ZONE: 13
NAD83
SCALE: 1:250,000

U.S. GEOLOGICAL SURVEY
EAST POPLAR OIL FIELDS, MONTANA

APPARENT RESISTIVITY
8200 Hz COPLANAR

FUGRO RESOLVE SURVEY REF: NM13-11 GEOPHYSICIST:
DATE: AUGUST, 2004 JOB: 04034 SHEET: 1
Fugro Airborne Surveys

1/2 0 1 Mi
Scale 1:24 000

FUGRO AIRBORNE SURVEYS