

SQUARE: GRID NORTH
 STAR: TRUE NORTH
 ARROW: MAGNETIC NORTH
 TO CONVERT MAGNETIC AZIMUTH
 TO GRID AZIMUTH ADD 0-M ANGLE
 MAGNETIC NORTH = 1991 0' 0"(MLS)
 = 2001 1' 20"(MLS)
 TRUE NORTH FOR CENTER OF SHEET = 2'32" 45"(MLS)

SURVEY SPECIFICATIONS

LINE KILOMETRES: 888 km
 SURVEY SPEED: 100 km/h
 LINE DIRECTION: 0° AZ
 LINE SPACING: 200 m
 TIE LINE DIRECTION: 90° AZ
 TERRAIN CLEARANCE: 60 m
 NAVIGATION: GPS AND COLOUR VIDEO SYSTEM

EM SYSTEM: MOUNTED IN A TOWED BIRD
 TERRAIN CLEARANCE: 30 m
 SAMPLING INTERVAL: 0.1 s

MAGNETICS: MOUNTED IN A TOWED BIRD
 MAGNETOMETER SENSOR: 48 m
 SAMPLING INTERVAL: 0.1 s

EQUIPMENT SPECIFICATIONS

AIRCRAFT: ASTAR AS350-B2, C-GDWH

SIGHEM-5 EM SYSTEM:
 F1: 919 HZ VERTICAL COAXIAL
 F2: 845 HZ HORIZONTAL COPLANAR
 F3: 498 HZ VERTICAL COAXIAL
 F4: 4162 HZ HORIZONTAL COPLANAR
 F5: 32460 HZ HORIZONTAL COPLANAR

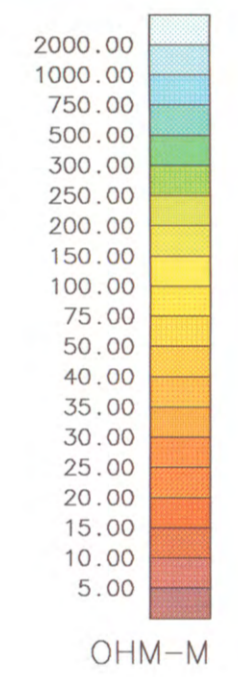
MAGNETOMETER: GEOMETRICS G823A, CESIUM VAPOUR
 MAGNETOMETER: GEM SYSTEM GSM-19 OVERHAUSER
 DIURNAL MONITOR: KING KRA10 RADAR ALTIMETER
 ALTIMETER: KING KRA10 RADAR ALTIMETER
 DIGITAL RECORDER: RME 628-32/MS150 DATA ACQUISITION SYSTEM

NAVIGATION SPECIFICATIONS

GPS: ASHTECH GC 24 CHANNELS RECEIVER
 POSTPROCESSING CORRECTED DATA
 PNAV-2100 NAVIGATION CONSOLE
 VHS COLOUR VIDEO

MAP INFORMATION

GEODETIC DATUM: WORLD GEODETIC SYSTEM 1984 (WGS84)
 PROJECTION: UTM
 ZONE: 32
 FALSE EASTING: 500000 m
 FALSE NORTHING: 0 m



ELECTROMAGNETIC ANOMALIES

The conductivity thickness product was calculated using the higher coil frequency.

>32s ●
 16 - 32s ●
 8 - 16s ●
 4 - 8s ●
 2 - 4s ○
 1 - 2s ○
 <1s ○

Positive inphase △
 Conductor associated with positive inphase ○

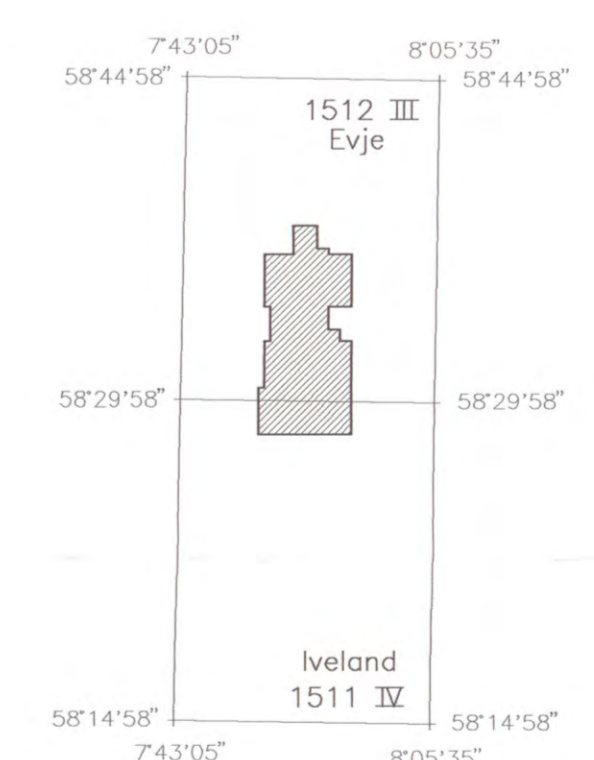
FLIGHT PATH INFORMATION

LINE DIRECTION →
 LINE NUMBER
 TIME
 LINE NUMBER

APPARENT RESISTIVITY

Map contours are in Ohm-meter:

5 Ohm-m : 5
 25 Ohm-m : 25
 100 Ohm-m : 100
 500 Ohm-m : 500



1512 III and 1511 IV
 Scale: 1:20 000
 meters

AMERICA MINERAL FIELDS INC.
 BLOCK - 1
 HELICOPTER BORNE SURVEY - NORWAY

APPARENT RESISTIVITY - 4162 Hz
 (COLOUR)

Map scale : 1:20 000 Project Ref : 98H03-04 CR4AM120
 Date Compiled : JUNE 1998 Date Flown : JUNE 1998

SIAL Géosciences inc.



SQUARE GRID NORTH
STAR: TRUE NORTH
ARROW: MAGNETIC NORTH
TO CONVERT MAGNETIC AZIMUTH
TO GRID AZIMUTH ADD G-M ANGLE
MAGNETIC NORTH = 1991 0' 0" (MILS)
= 2001 1' 20" (MILS)
TRUE NORTH FOR CENTER OF SHEET = 2'32" 45" (MILS)

SURVEY SPECIFICATIONS

LINE KILOMETRES: 688 km
SURVEY SPEED: 100 km/h
LINE DIRECTION: 0° AZ
LINE SPACING: 200 m
TIE LINE DIRECTION: 90° AZ
TERRAIN CLEARANCE: 60 m
NAVIGATION: GPS AND COLOUR VIDEO SYSTEM

EM SYSTEM: MOUNTED IN A TOWED BIRD
TERRAIN CLEARANCE: 30 m
SAMPLING INTERVAL: 0.1 s

MAGNETICS: MOUNTED IN A TOWED BIRD
MAGNETOMETER SENSOR
TERRAIN CLEARANCE: 48 m
SAMPLING INTERVAL: 0.1 s

EQUIPMENT SPECIFICATIONS

AIRCRAFT: ASTAR AS350-B2, C-GOVH

SIGHEM-5 EM SYSTEM:
F1: 919 Hz VERTICAL COPLANAR
F2: 845 Hz HORIZONTAL COPLANAR
F3: 4498 Hz VERTICAL COPLANAR
F4: 4182 Hz HORIZONTAL COPLANAR
F5: 32460 Hz HORIZONTAL COPLANAR

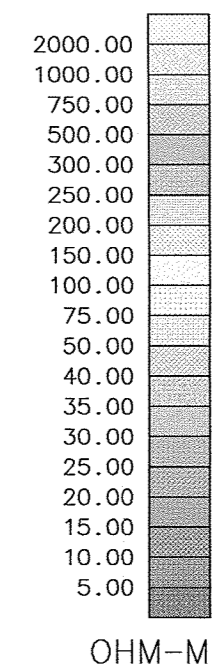
MAGNETOMETER: GEOMETRICS G823A, CESIUM VAPOUR
MAGNETOMETER
DIGITAL MONITOR: GEM SYSTEMS GSM-19 OVERHAUSER
ALTIMETER: KING KRAVO RADAR ALTIMETER
DIGITAL RECORDER: RME 628-53/MS1510 DATA ACQUISITION SYSTEM

NAVIGATION SPECIFICATIONS

GPS: ASHTECH 62, 24 CHANNELS RECEIVER
POSTPROCESSING CORRECTED DATA
PRNAV-2100 NAVIGATION CONSOLE
VHS COLOUR VIDEO

MAP INFORMATION

GEODETIC DATUM: WORLD GEODETIC SYSTEM 1984 (WGS84)
PROJECTION: UTM
ZONE UTM: 32
FALSE EASTING: 500000 m
FALSE NORTHING: 0 m



OHM-M

ELECTROMAGNETIC ANOMALIES

The conductivity thickness product was calculated using the higher coaxial frequency.

- >32s ●
 - 16 - 32s ●
 - 8 - 16s ●
 - 4 - 8s ●
 - 2 - 4s ●
 - 1 - 2s ●
 - <1s ●
- Positive Inphase
Conductor associated with positive inphase

FLIGHT PATH INFORMATION

- LINE DIRECTION →
- LINE NUMBER
- TIME
- LINE NUMBER

APPARENT RESISTIVITY

Map contours are in Ohm-meter:

- 5 Ohm-m : 5
- 25 Ohm-m : 25
- 100 Ohm-m : 100
- 500 Ohm-m : 500

7°43'05" 8°05'35"
58°44'58" 58°44'58"

1512 III
Evje

58°29'58" 58°29'58"

58°14'58" 58°14'58"
7°43'05" 8°05'35"

Iceland
1511 IV

1512 III and 1511 IV

Scale 1:20 000



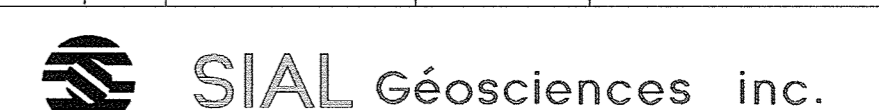
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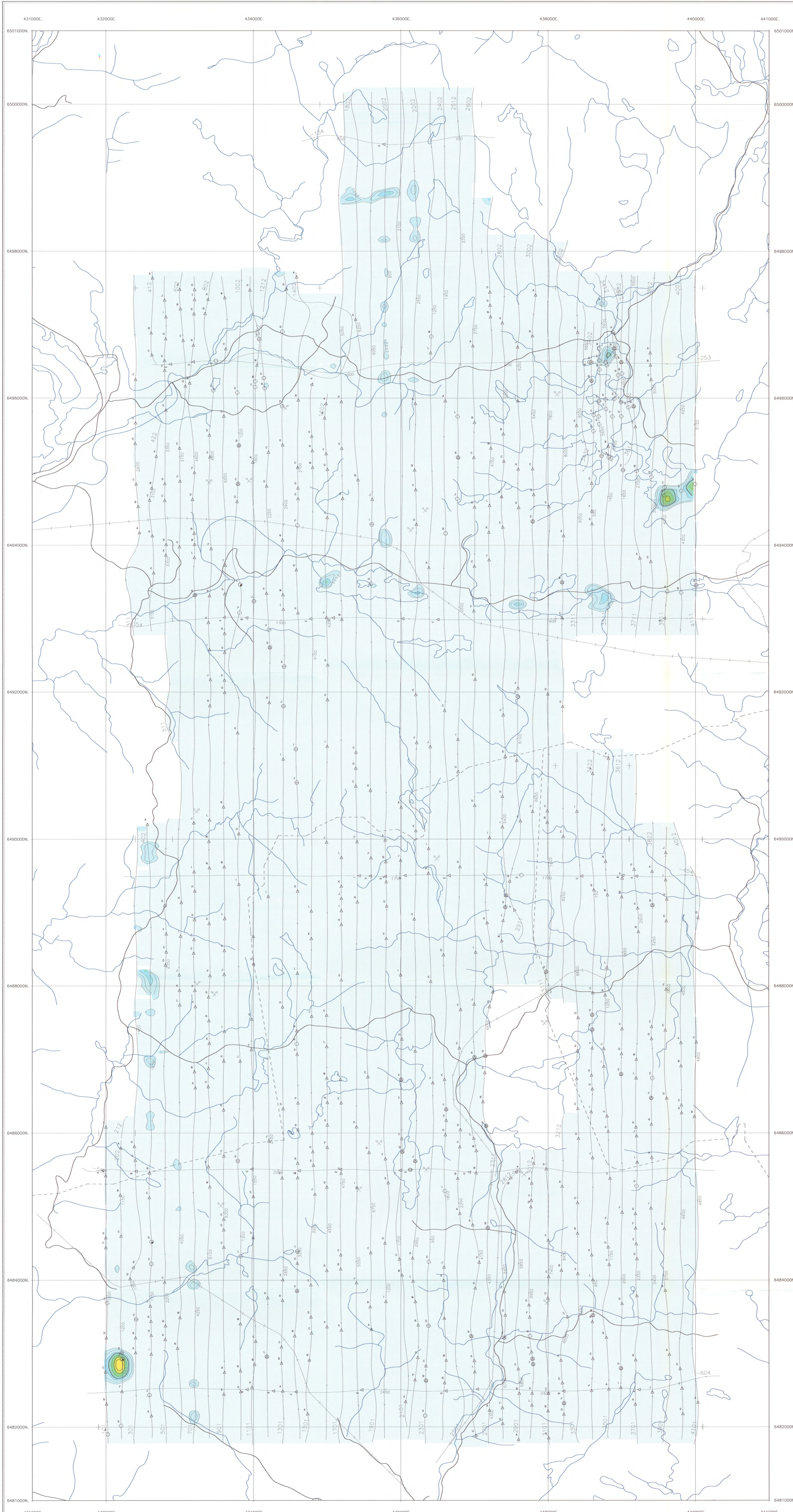
AMERICA MINERAL FIELDS INC.

BLOCK - 1
HELICOPTER BORNE SURVEY - NORWAY

APPARENT RESISTIVITY - 32460 Hz
(COLOUR)

Map scale : 1:20 000 Project Ref : 98H03-04 CRSAM120
Date Compiled : JUNE 1998 Date Flown : JUNE 1998





SQUARE: GRID NORTH
 STAR: TRUE NORTH
 ARROW: MAGNETIC NORTH
 TO CONVERT MAGNETIC AZIMUTH
 TO GRID AZIMUTH ADD C-M ANGLE
 MAGNETIC NORTH = 1991 G° (MLS)
 = 2001 T° 20' (MLS)
 TRUE NORTH FOR CENTER OF SHEET = 2°32' 45" (MLS)

SURVEY SPECIFICATIONS

LINE KILOMETRES: 688 km
 SURVEY SPEED: 100 km/h
 LINE DIRECTION: 0° AZ
 LINE SPACING: 200 m
 THE LINE DIRECTION: 90° AZ
 TERRAIN CLEARANCE: 60 m
 NAVIGATION: GPS AND COLOUR VIDEO SYSTEM

EM SYSTEM: MOUNTED IN A TOWED BRD
 TERRAIN CLEARANCE: 30 m
 SAMPLING INTERVAL: 0.1 s

MAGNETICS: MOUNTED IN A TOWED BRD
 MAGNETOMETER SENSOR: 48 m
 TERRAIN CLEARANCE: 48 m
 SAMPLING INTERVAL: 0.1 s

EQUIPMENT SPECIFICATIONS

AIRCRAFT: ASTAR AS350-B2, C-GOVH

SCHEM-5 EM SYSTEM:
 F1: 919 Hz VERTICAL COPLANAR
 F2: 845 Hz HORIZONTAL COPLANAR
 F3: 4495 Hz VERTICAL COPLANAR
 F4: 4162 Hz HORIZONTAL COPLANAR
 F5: 32460 Hz HORIZONTAL COPLANAR

MAGNETOMETER: GEOMETRICS GB23A, CESIUM VAPOUR
 MAGNETOMETER: MAGNETOMETER
 DIRECTIONAL MONITOR: SEM SYSTEMS GSM-19 OVERHAUSER
 ALTIMETER: KING KRAT10 RADAR ALTIMETER
 DIGITAL RECORDER: RMS 306-33/95150 DATA ACQUISITION SYSTEM

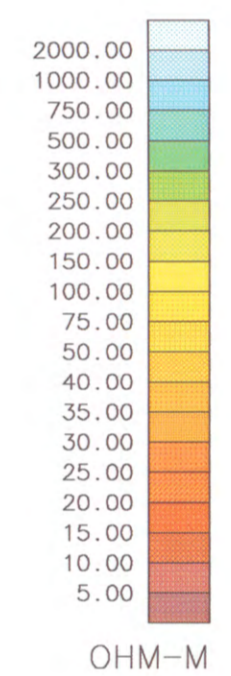
NAVIGATION SPECIFICATIONS

GPS: ASHTECH GC 24 CHANNELS RECEIVER
 = POSTPROCESSING CORRECTED DATA
 = TRIM-2100 NAVIGATION CONSOLE

FLIGHT TRACKING: VIS COLOUR VIDEO

MAP INFORMATION

GEODETIC DATUM: WORLD GEODETIC SYSTEM 1984 (WGS84)
 PROJECTION: UTM
 ZONE UTM: 32
 FALSE EASTING: 500000 m
 FALSE NORTHING: 0 m

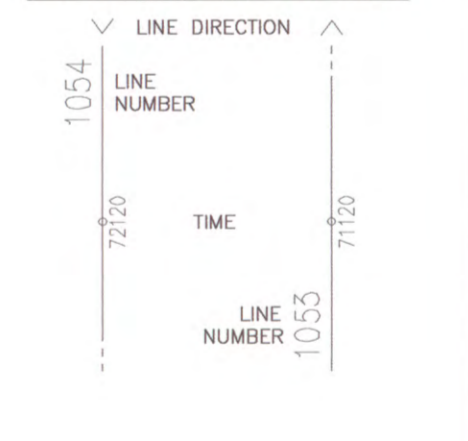


ELECTROMAGNETIC ANOMALIES

The conductivity thickness product was calculated using the higher coaxial frequency.

- >32s ●
 - 16 - 32s ●
 - 8 - 16s ●
 - 4 - 8s ●
 - 2 - 4s ●
 - 1 - 2s ●
 - <1s ●
- Positive inphase ○
 Conductor concealed with positive inphase ○

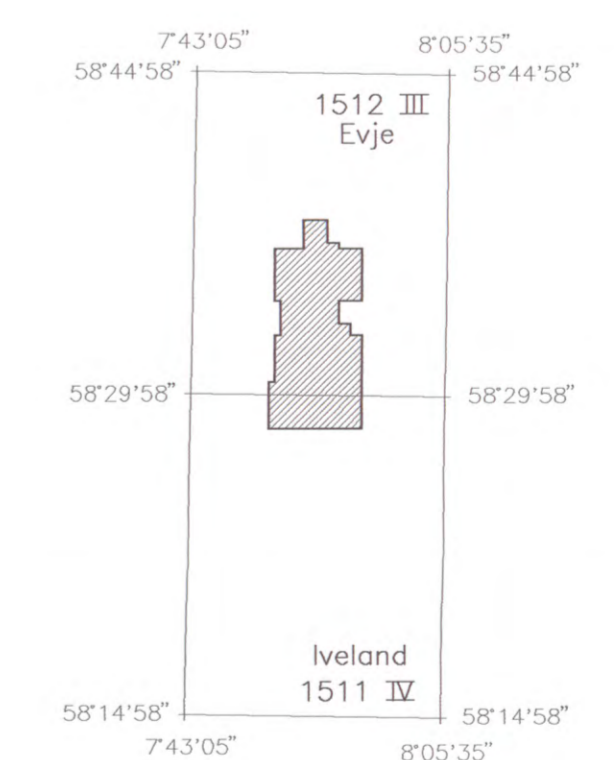
FLIGHT PATH INFORMATION



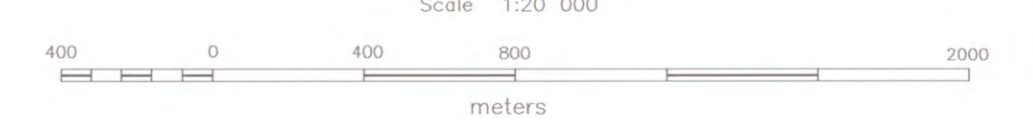
APPARENT RESISTIVITY

Map contours are in Ohm-meter:

- 5 Ohm-m: —
- 25 Ohm-m: —
- 100 Ohm-m: —
- 500 Ohm-m: —



1512 III and 1511 IV



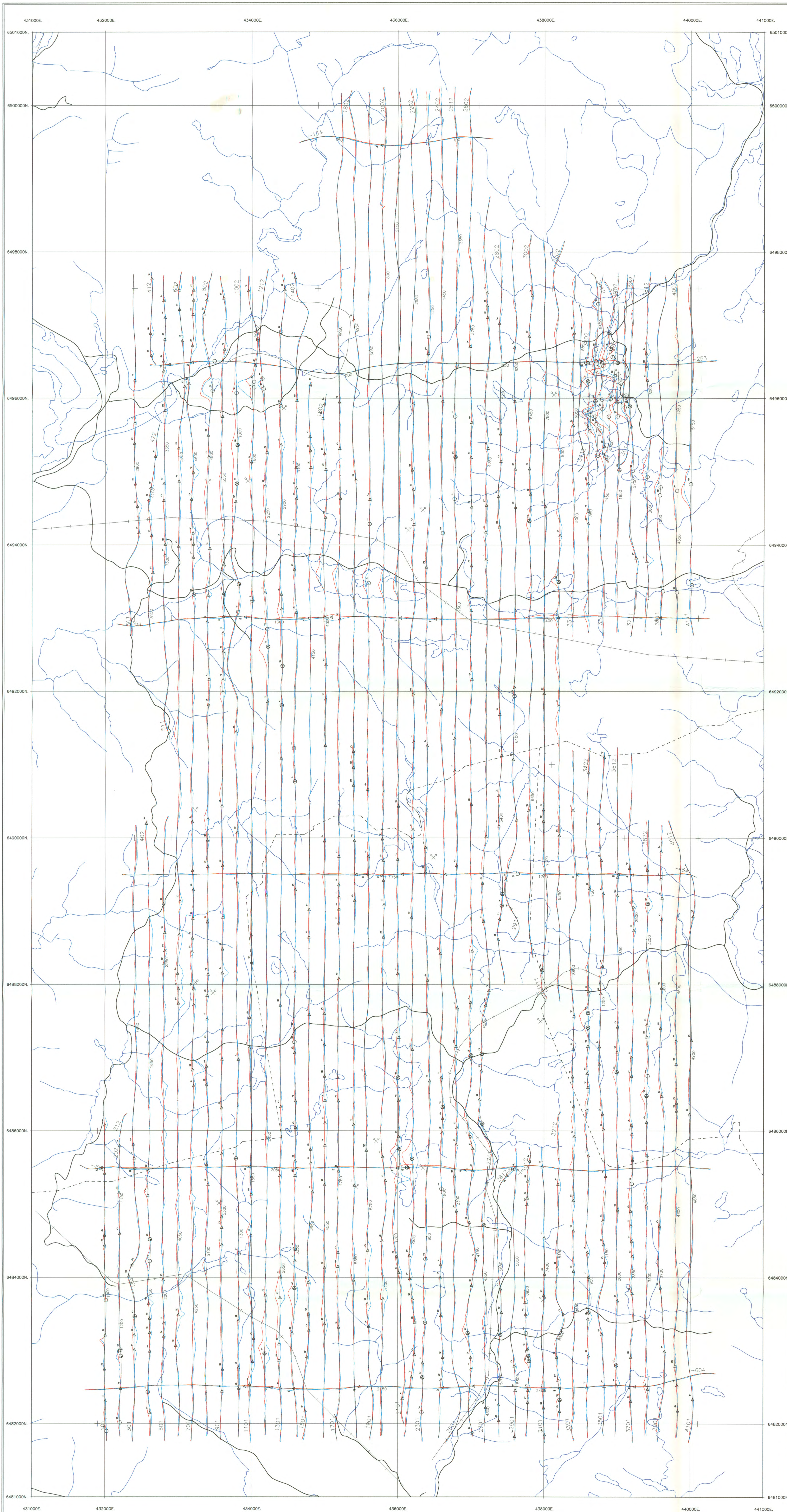
AMERICA MINERAL FIELDS INC.

BLOCK - 1
 HELICOPTER BORNE SURVEY - NORWAY

APPARENT RESISTIVITY - 845 Hz
 (COLOUR)

Map scale: 1:20 000 Project Ref: 98H03-04 | CR2AM120
 Date Compiled: JUNE 1998 Date Flown: JUNE 1998





SQUARE GRID NORTH
 STAR: TRUE NORTH
 ARROW: MAGNETIC NORTH
 TO CONVERT MAGNETIC AZIMUTH
 TO GRID AZIMUTH ADD G-M ANGLE
 MAGNETIC NORTH = 1991 0' 0" (M.L.S.)
 = 2001 1' 20" (M.L.S.)
 TRUE NORTH FOR CENTER OF SHEET = 2'32" 45" (M.L.S.)

SURVEY SPECIFICATIONS

LINE KILOMETERS: 668 km
 SURVEY SPEED: 100 km/h
 LINE DIRECTION: 07 AZ
 LINE SPACING: 200 m
 TIE LINE DIRECTION: 90° AZ
 TERRAIN CLEARANCE: 60 m
 NAVIGATION: GPS AND COLOUR VIDEO SYSTEM

EM SYSTEM: MOUNTED IN A TOWED BIRD
 TERRAIN CLEARANCE: 30 m
 SAMPLING INTERVAL: 0.1 s

MAGNETICS: MOUNTED IN A TOWED BIRD
 MAGNETOMETER SENSORS: 5
 TERRAIN CLEARANCE: 45 m
 SAMPLING INTERVAL: 0.1 s

EQUIPMENT SPECIFICATIONS

AIRCRAFT: ASTAR AS350-B2, C-GOVH

SIGEM-5 EM SYSTEM:
 F1: 919 Hz VERTICAL COPLANAR
 F2: 845 Hz HORIZONTAL COPLANAR
 F3: 4495 Hz VERTICAL COPLANAR
 F4: 4182 Hz HORIZONTAL COPLANAR
 F5: 32460 Hz HORIZONTAL COPLANAR

MAGNETOMETER: GEOMETRICS GB23A, CESIUM VAPOUR MAGNETOMETER
 DIURNAL MONITOR: GSM SYSTEM GSM-19 OVERHAUSSER
 ALTIMETER: KING KRA10 RADAR ALTIMETER
 DIGITAL RECORDER: RNS 008-35/H05190 DATA ACQUISITION SYSTEM

NAVIGATION SPECIFICATIONS

GPS: ASHTECH GG 24 CHANNELS RECEIVER
 - POSTPROCESSING CORRECTED DATA
 PNAV-2100 NAVIGATION CONSOLE
 FLIGHT TRACKING: VHS COLOUR VIDEO

MAP INFORMATION

GEODETIC DATUM: WORLD GEODETIC SYSTEM 1984 (WGS84)
 PROJECTION: UTM
 ZONE UTM: 32
 FALSE EASTING: 500000 m
 FALSE NORTHING: 0 m

ELECTROMAGNETIC ANOMALIES

The conductivity thickness product was calculated using the higher coil frequency.

● >32s
 ● 16 - 32s
 ● 8 - 16s
 ● 4 - 8s
 ● 2 - 4s
 ● 1 - 2s
 ● <1s

○ Positive Inphase
 ○ Conductor associated with positive inphase

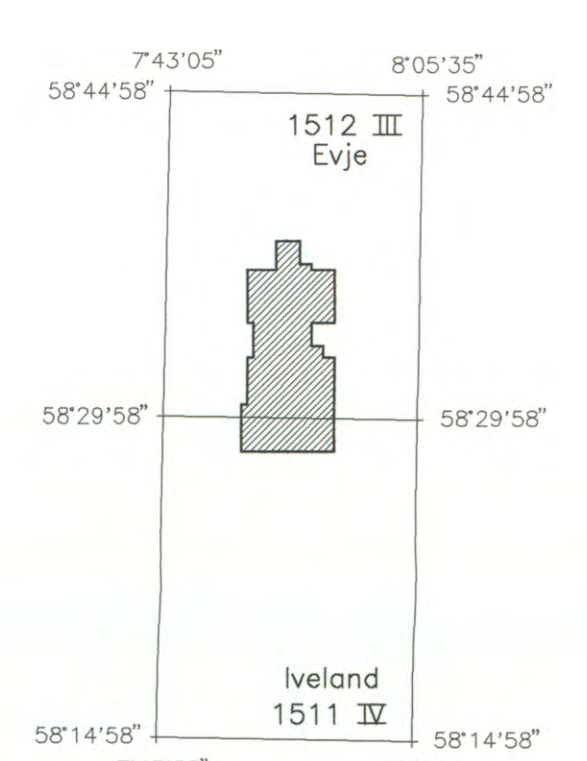
FLIGHT PATH INFORMATION

LINE DIRECTION
 LINE NUMBER
 TIME
 LINE NUMBER

32460 Hz - COPLANAR

Quadrature Line number
 Inphase Time
 Flight line

Inphase :
 Quadrature :
 Vertical scale : 32ppm=1mm



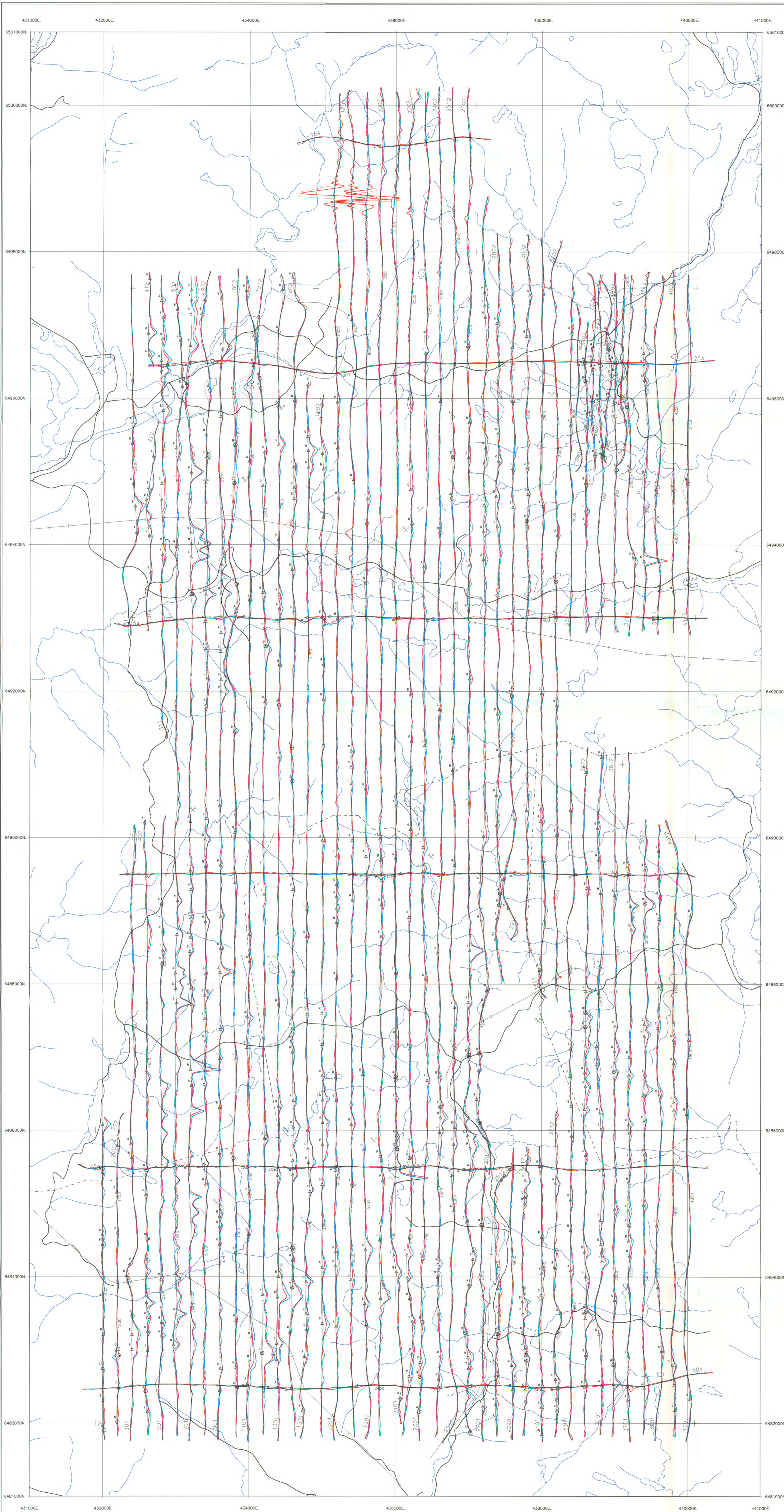
1512 III and 1511 IV
 Scale 1:20 000
 meters

AMERICA MINERAL FIELDS INC.
 BLOCK - 1
 HELICOPTER BORNE SURVEY - NORWAY

EM PROFILES
 32460 Hz Cp

Map scale : 1:20 000 Project Ref : 98H03-04 | FSAM120
 Date Compiled : JUNE 1998 Date Flown : JUNE 1998

SIAL Géosciences inc.



SQUARE GRID NORTH
 STAR: TRUE NORTH
 ARROW: MAGNETIC NORTH
 TO CONVERT MAGNETIC AZMINT
 TO GRID AZMINT ADD 0-M ANGLE
 MAGNETIC NORTH = 1991 (7° 0'(MLS))
 = 2001 (1° 20'(MLS))
 TRUE NORTH FOR CENTER OF SHEET = 2'32" 45'(MLS)

SURVEY SPECIFICATIONS

LINE KILOMETRES: 668 km
 SURVEY SPEED: 100 km/h
 LINE DIRECTION: 0° AZ
 LINE SPACING: 200 m
 TIE LINE DIRECTION: 90° AZ
 TERRAIN CLEARANCE: 60 m
 NAVIGATION: GPS AND COLOUR VIDEO SYSTEM
 EM SYSTEM: MOUNTED IN A TOWED BIRD
 TERRAIN CLEARANCE: 30 m
 SAMPLING INTERVAL: 0.1 s
 MAGNETICS: MOUNTED IN A TOWED BIRD
 MAGNETOMETER SENSOR: 45 m
 SAMPLING INTERVAL: 0.1 s

EQUIPMENT SPECIFICATIONS

AIRCRAFT: ASTAR AS300-B2, C-GOVH
 SIGEM-5 EM SYSTEM:
 F1: 919 HZ VERTICAL COAXIAL
 F2: 845 HZ HORIZONTAL COPLANAR
 F3: 4496 HZ VERTICAL COAXIAL
 F4: 4162 HZ HORIZONTAL COPLANAR
 F5: 32460 HZ HORIZONTAL COPLANAR
 MAGNETOMETER: GEOMETRICS GB23A, CESIUM VAPOUR
 MAGNETOMETER: ISEM SYSTEMS GEM-19 OVERHAUSER
 DIURNAL MONITOR: KING KR110 RADAR ALTIMETER
 DIGITAL RECORDER: RMC 100-35/HDS150 DATA ACQUISITION SYSTEM

NAVIGATION SPECIFICATIONS

GPS: ASHTECH GG 24 CHANNELS RECEIVER
 - POSTPROCESSING CORRECTED DATA
 - PNAV-2100 NAVIGATION CONSOLE
 FLIGHT TRACKING: VHS COLOUR VIDEO

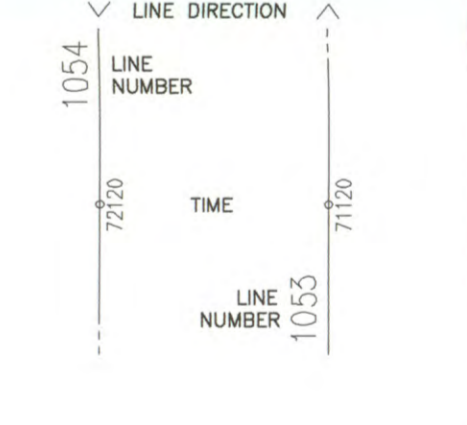
MAP INFORMATION

GEODETIC DATUM: WORLD GEODETIC SYSTEM 1984 (WGS84)
 PROJECTION: UTM
 ZONE UTM: 32
 FALSE EASTING: 500000 m
 FALSE NORTHING: 0 m

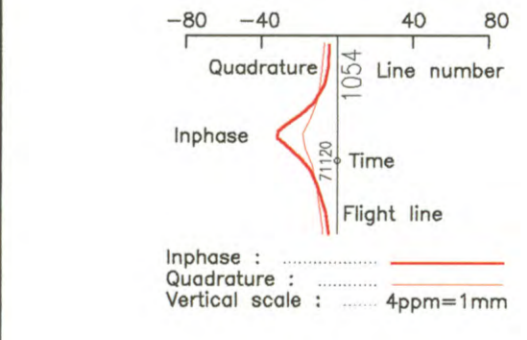
ELECTROMAGNETIC ANOMALIES

The conductivity thickness product was calculated using the higher coaxial frequency.
 >32s
 16 - 32s
 8 - 16s
 4 - 8s
 2 - 4s
 1 - 2s
 <1s
 Positive Inphase
 Conductor associated with positive inphase

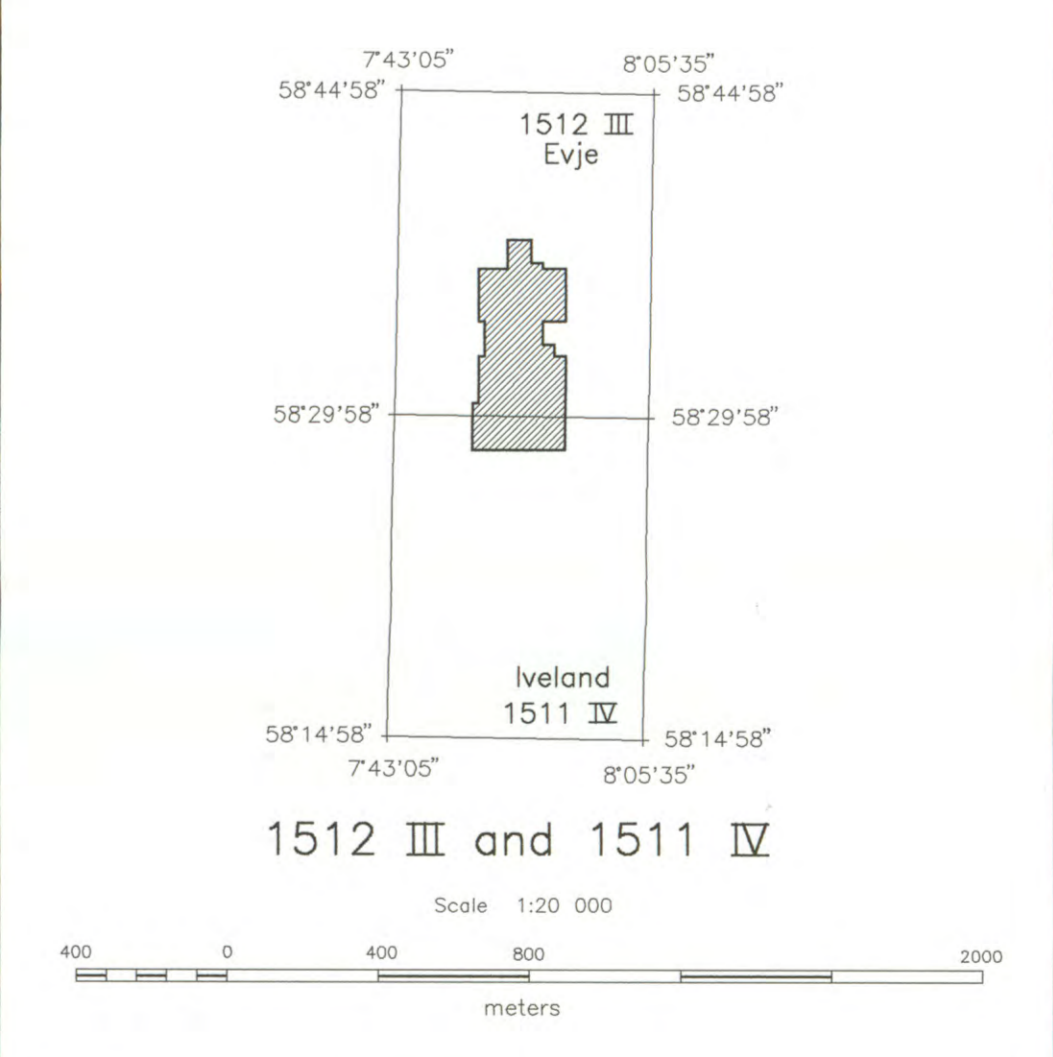
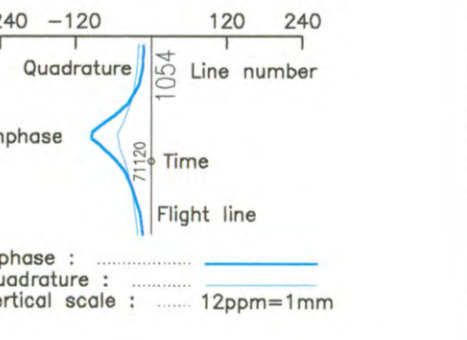
FLIGHT PATH INFORMATION



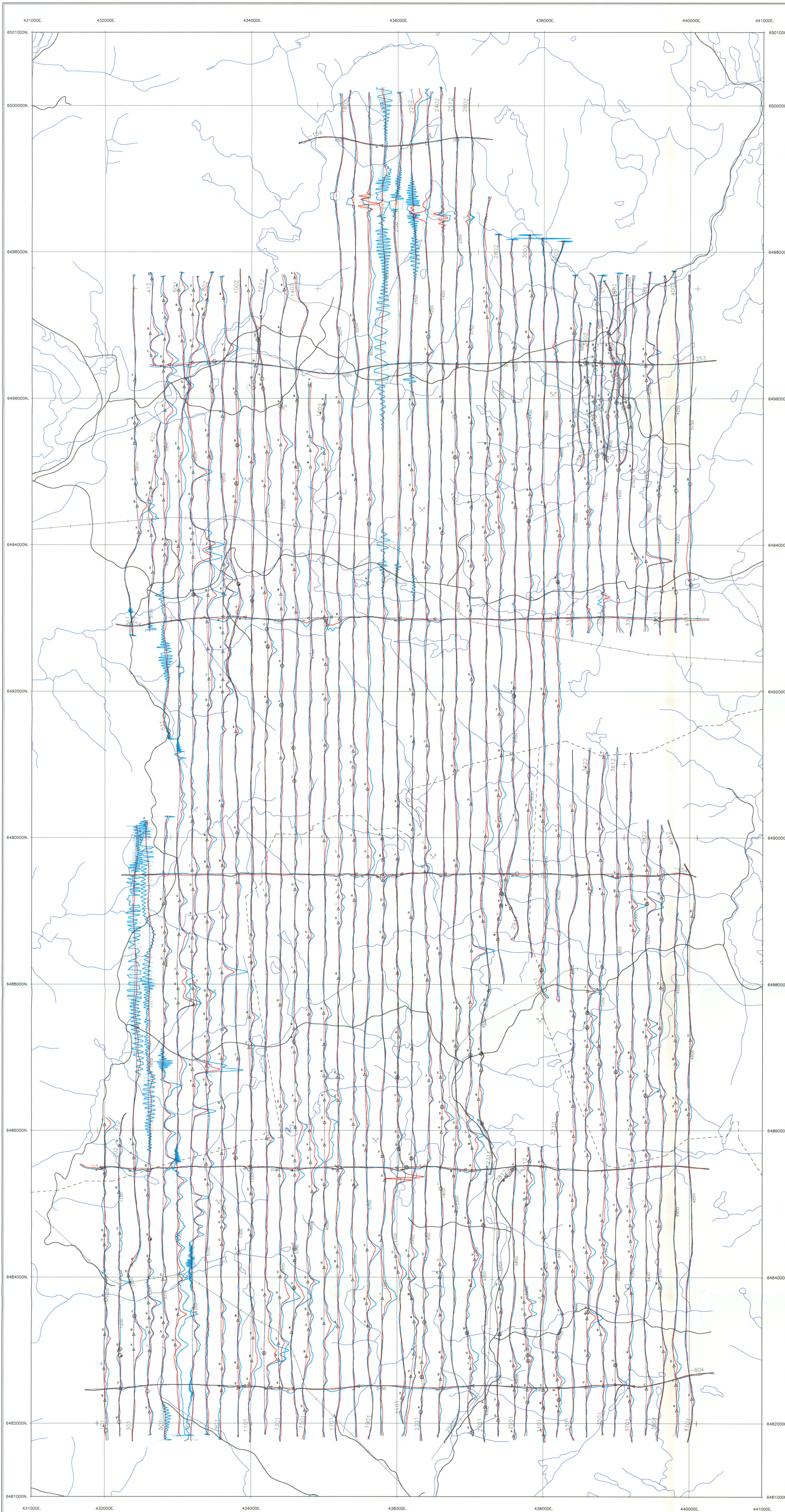
4496 Hz - COAXIAL



4162 Hz - COPLANAR



AMERICA MINERAL FIELDS INC.
 BLOCK - 1
 HELICOPTER BORNE SURVEY - NORWAY
 EM PROFILES
 4496 Hz Cx - 4162 Hz Cp
 Map scale: 1:20 000 Project Ref: 98H03-04 | F34M120
 Date Compiled: JUNE 1998 Date Flown: JUNE 1998
SIAL Géosciences inc.



SQUARE GRID NORTH
 STAR: TRUE NORTH
 ARROW: MAGNETIC NORTH
 TO CONVERT MAGNETIC AZIMUTH
 TO GRID AZIMUTH ADD G-M ANGLE
 MAGNETIC NORTH = 1991 (7°(M)LS)
 = 2001 1° 20'(M)LS
 TRUE NORTH FOR CENTER OF SHEET = 2°32' 45"(M)LS

SURVEY SPECIFICATIONS

LINE KILOMETRES: 688 km
 SURVEY SPEED: 100 km/h
 LINE DIRECTION: 0° AZ
 LINE SPACING: 200 m
 TIE LINE DIRECTION: 90° AZ
 TERRAIN CLEARANCE: 60 m
 NAVIGATION: GPS AND COLOUR VIDEO SYSTEM

EM SYSTEM: MOUNTED IN A TOWED BIRD
 TERRAIN CLEARANCE: 30 m
 SAMPLING INTERVAL: 0.1 s

MAGNETICS: MOUNTED IN A TOWED BIRD
 MAGNETOMETER SENSOR: 45 m
 TERRAIN CLEARANCE: 45 m
 SAMPLING INTERVAL: 0.1 s

EQUIPMENT SPECIFICATIONS

AIRCRAFT: ASTAR A3350-B2, C-GOVH

SIGHEM-5 EM SYSTEM:
 F1: 919 HZ VERTICAL COAXIAL
 F2: 845 HZ HORIZONTAL COPLANAR
 F3: 4495 HZ VERTICAL COAXIAL
 F4: 4152 HZ HORIZONTAL COPLANAR
 F5: 32460 HZ HORIZONTAL COPLANAR

MAGNETOMETER: GEOMETRICS G823A CESIUM VAPOUR
 MAGNETOMETER: GEOM SYSTEMS GEM-19 OVERHAUSER
 DIURNAL MONITOR: KING KRATD RADAR ALTIMETER
 ALTIMETER: KING KRATD RADAR ALTIMETER
 DIGITAL RECORDER: RISE DSR-33/HDS150 DATA ACQUISITION SYSTEM

NAVIGATION SPECIFICATIONS

GPS: ASHTECH GG 24 CHANNELS RECEIVER
 POSTPROCESSING CORRECTED DATA
 PNAV-2100 NAVIGATION CONSOLE
 VHS COLOUR VIDEO

MAP INFORMATION

GEOIDIC DATUM: WORLD GEOIDIC SYSTEM 1984 (WGS84)
 PROJECTION: UTM
 ZONE UTM: 32
 FALSE EASTING: 500000 m
 FALSE NORTHING: 0 m

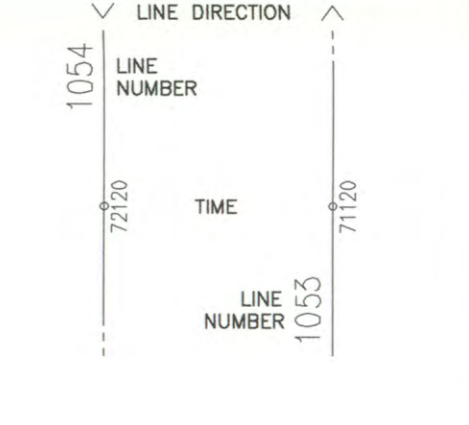
ELECTROMAGNETIC ANOMALIES

The conductivity thickness product was calculated using the higher coaxial frequency.

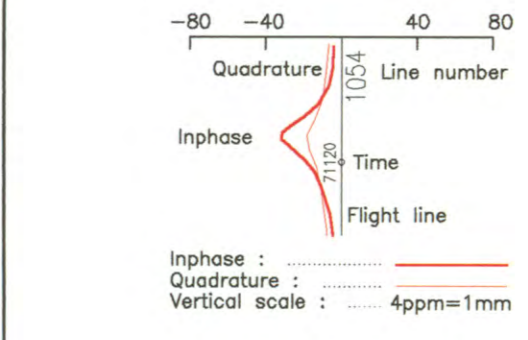
>32s ●
 16 - 32s ●
 8 - 16s ●
 4 - 8s ●
 2 - 4s ○
 1 - 2s ○
 <1s ○

Positive Inphase △
 Conductor associated with positive inphase ○

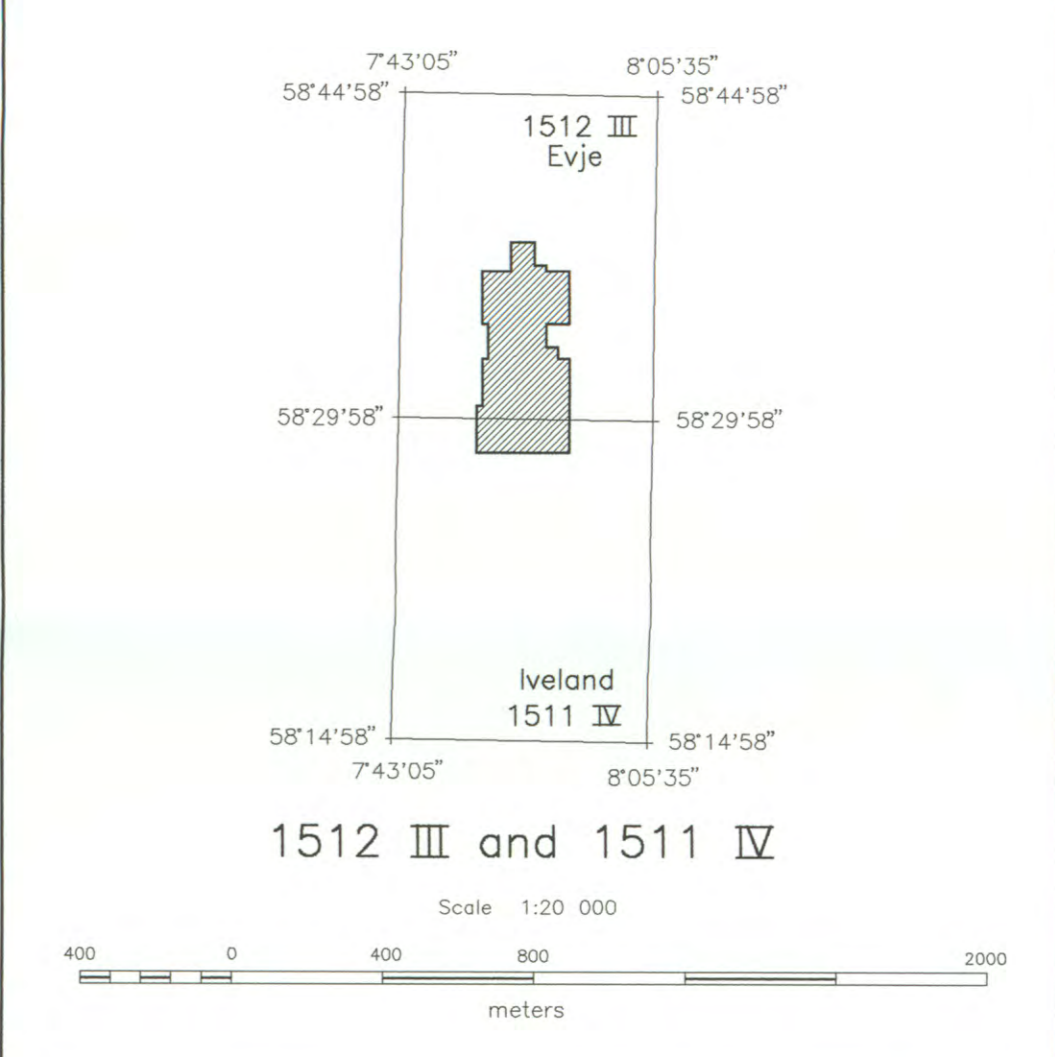
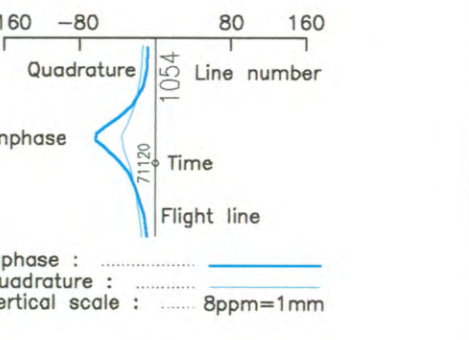
FLIGHT PATH INFORMATION



919 Hz - COAXIAL



845 Hz - COPLANAR

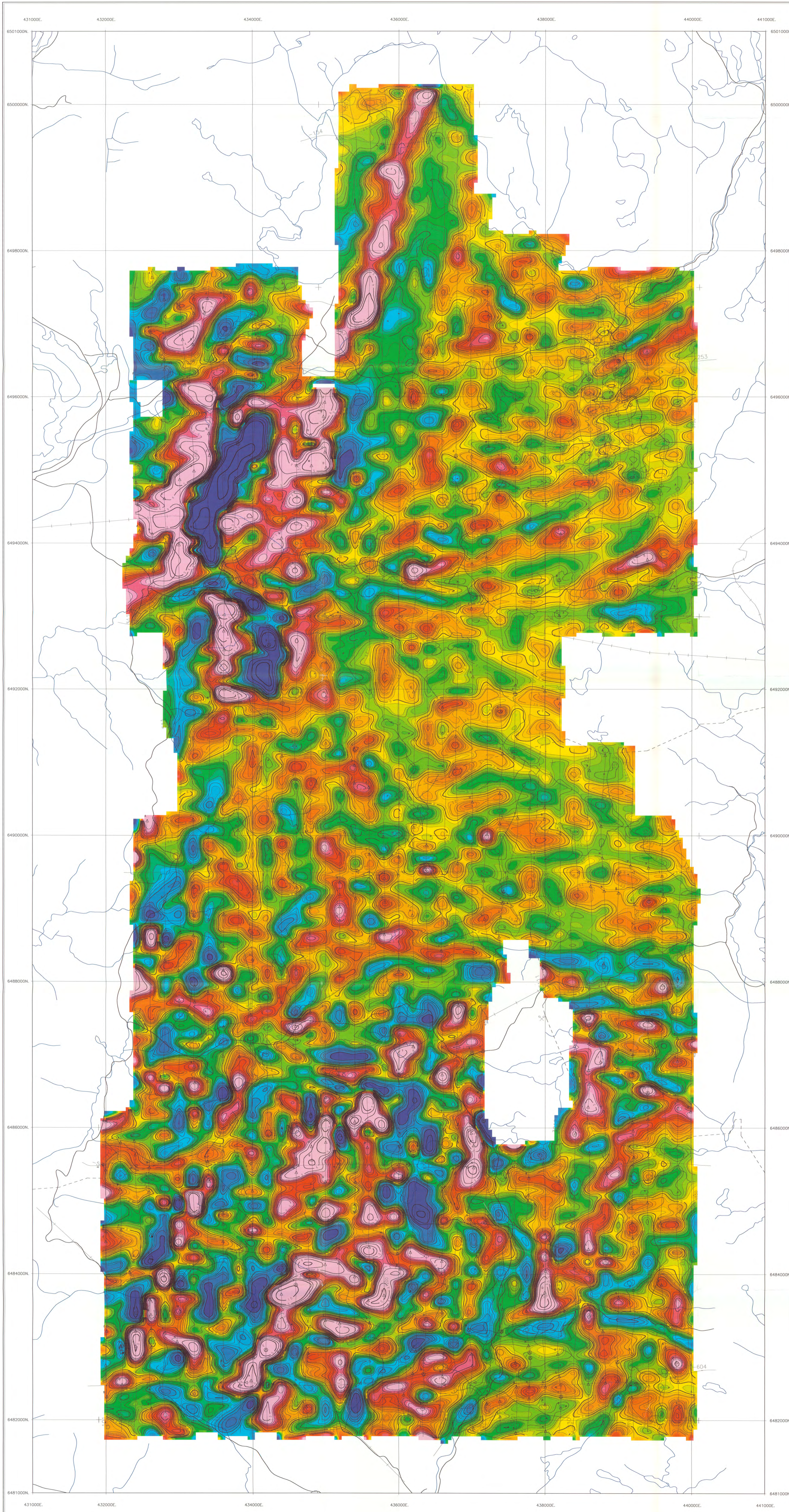


AMERICA MINERAL FIELDS INC.
 BLOCK - 1
 HELICOPTER BORNE SURVEY - NORWAY

EM PROFILES
 919 Hz Cx - 845 Hz Cp

Map scale: 1:20,000 Project Ref: 98H03-04 | F12AM120
 Date Compiled: JUNE 1998 Date Flown: JUNE 1998

SIAL Géosciences inc.



SQUARE GRID NORTH
 STAR: TRUE NORTH
 ARROW: MAGNETIC NORTH
 TO CONVERT MAGNETIC AZIMUTH
 TO GRID AZIMUTH ADD G-M ANGLE
 MAGNETIC NORTH = 1991 (7° 0'(MLS))
 = 2001 (7° 20'(MLS))
 TRUE NORTH FOR CENTER OF SHEET = 7° 32' 45"(MLS)

SURVEY SPECIFICATIONS

LINE KILOMETRES: 668 km
 SURVEY SPEED: 100 km/h
 LINE DIRECTION: 0° AZ
 LINE SPACING: 200 m
 TIE LINE DIRECTION: 90° AZ
 TERRAIN CLEARANCE: 60 m
 NAVIGATION: GPS AND COLOUR VIDEO SYSTEM
 IM SYSTEM: MOUNTED IN A TOWED BIRD
 TERRAIN CLEARANCE: 30 m
 SAMPLING INTERVAL: 0.1 s
 MAGNETICS: MOUNTED IN A TOWED BIRD
 MAGNETOMETER SENSOR: GEOMETRICS GEM-19 OVERHAUSSER
 TERRAIN CLEARANCE: 48 m
 SAMPLING INTERVAL: 0.1 s

EQUIPMENT SPECIFICATIONS

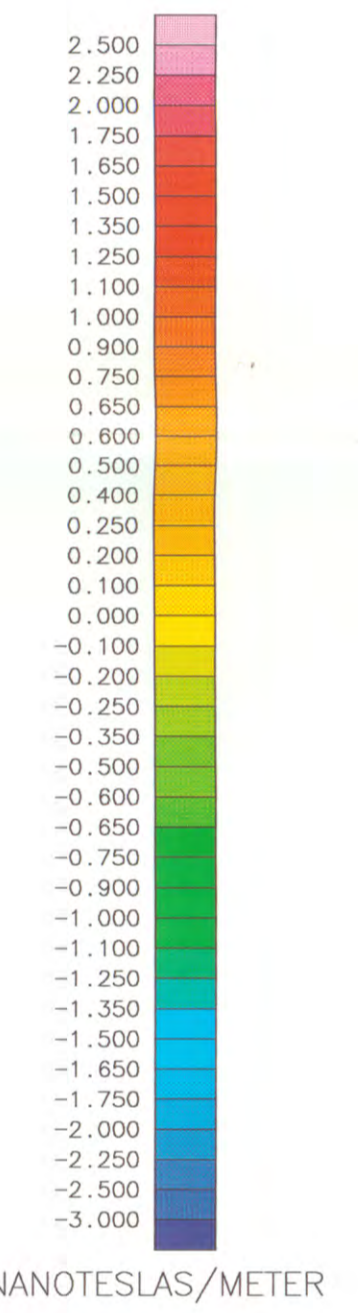
AIRCRAFT: ASTAR AS350-B2, C-GOVH
 SIGHEM-5 IM SYSTEM:
 F1: 819 Hz VERTICAL COPLANAR
 F2: 845 Hz HORIZONTAL COPLANAR
 F3: 4498 Hz VERTICAL COPLANAR
 F4: 4182 Hz HORIZONTAL COPLANAR
 F5: 32460 Hz HORIZONTAL COPLANAR
 MAGNETOMETER: GEOMETRICS GEM-19 CESIUM VAPOUR
 MAGNETOMETER: MAGNETOMETER
 DIGITAL MONITOR: GEM SYSTEMS GEM-19 OVERHAUSSER
 ALTIMETER: KING SV3000 RANGING ALTIMETER
 DIGITAL RECORDER: RMS DOR-30/HE150 DATA ACQUISITION SYSTEM

NAVIGATION SPECIFICATIONS

GPS: ASHTECH 602 24 CHANNELS RECEIVER
 POSTPROCESSING CONNECTED DATA
 PHAF-2100 NAVIGATION CONSOLE
 VIDEO TRACKING: VIDEO TRACKING

MAP INFORMATION

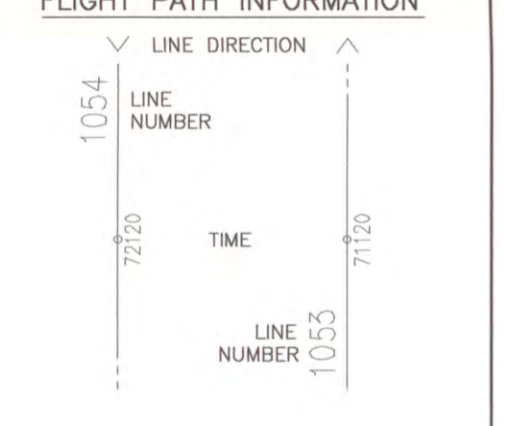
GEOCENTRIC DATUM: WORLD GEOCENTRIC SYSTEM 1984 (WGS84)
 PROJECTION: UTM
 ZONE UTM: 32
 FALSE EASTING: 500000 m
 FALSE NORTHING: 0 m



ELECTROMAGNETIC ANOMALIES

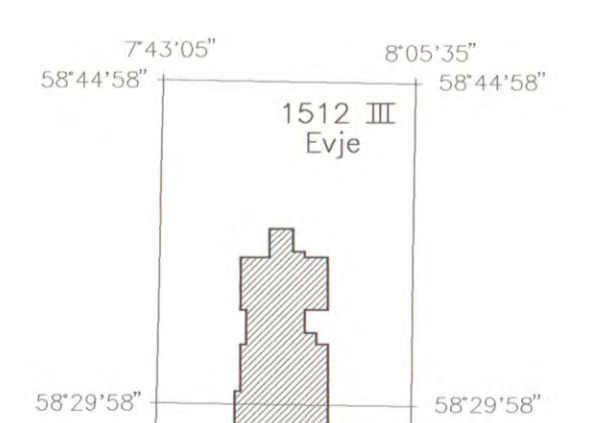
The conductivity thickness product was calculated using the higher coil frequency.
 >32s
 16 - 32s
 8 - 16s
 4 - 8s
 2 - 4s
 1 - 2s
 <1s
 Positive inphase
 Conductor associated with positive inphase

FLIGHT PATH INFORMATION

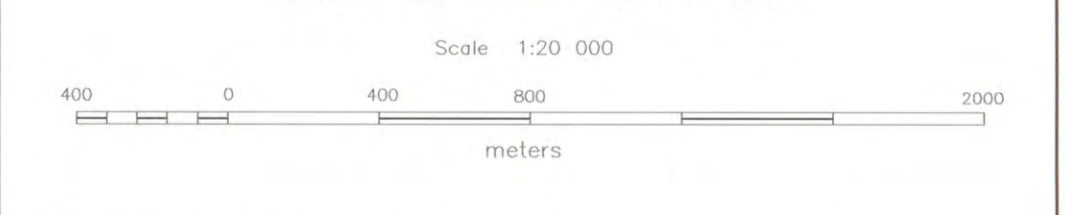


VERTICAL MAGNETIC GRADIENT

Map contours are in nanotesla/meter.
 0.05 nT/m : ——— 0.05 ———
 0.25 nT/m : ——— 0.25 ———
 1 nT/m : ——— 1 ———
 5 nT/m : ——— 5 ———
 DATA GRIDDING: 50 m
 CELL SIZE: THE LINE LABELLED
 MAGNETIC DATA: NOT REMOVED
 SURF: NOT REMOVED



1512 III and 1511 IV

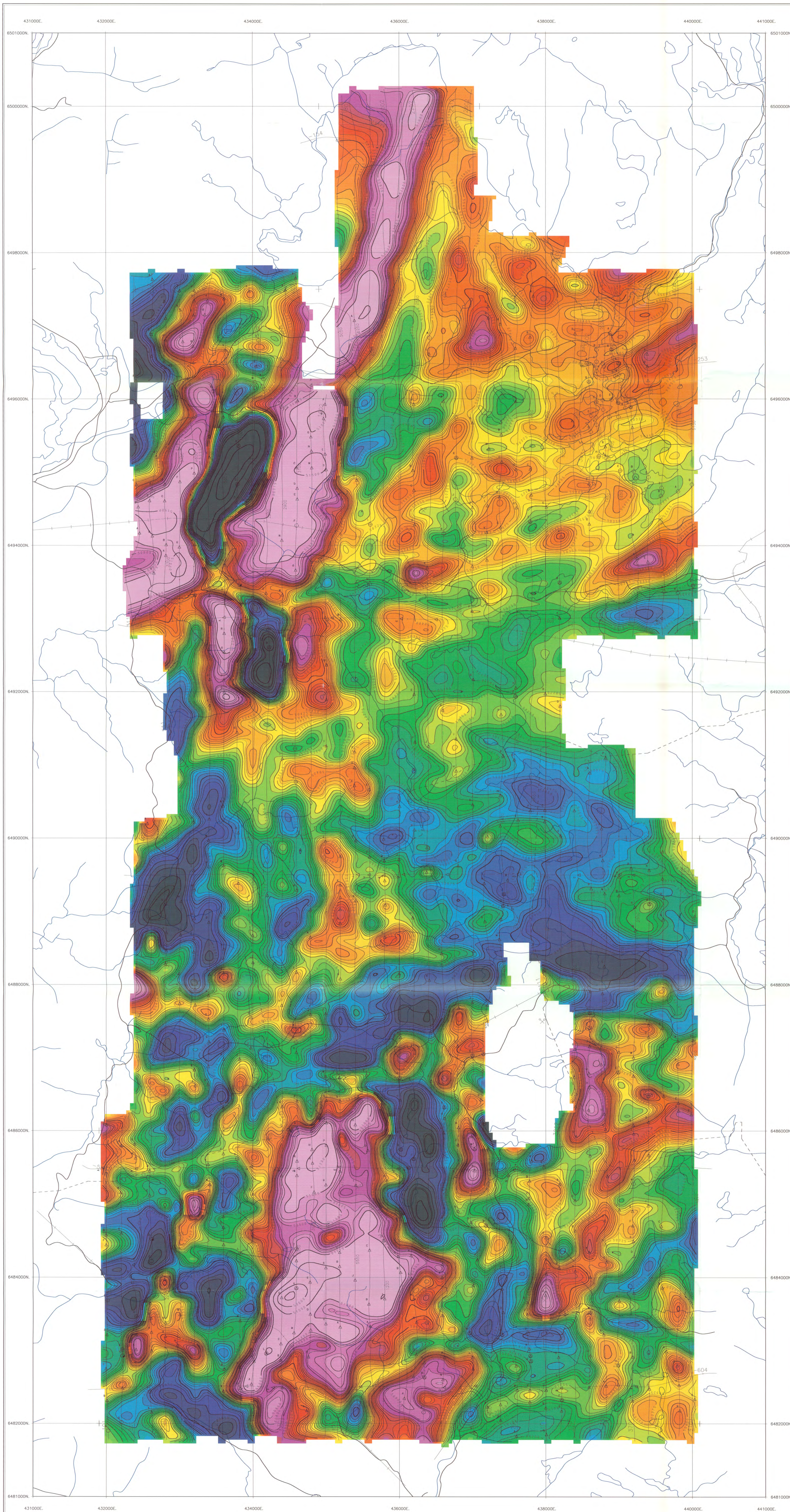


AMERICA MINERAL FIELDS INC.
 BLOCK - 1
 HELICOPTER BORNE SURVEY - NORWAY

VERTICAL MAGNETIC GRADIENT
 (COLOUR)

Map scale : 1:20 000 Project Ref : 98H03-04 CDDM120
 Date Compiled : JUNE 1998 Date Flown : JUNE 1998

SIAL Géosciences inc.



SQUARE: GRID NORTH
 STAR: TRUE NORTH
 ARROW: MAGNETIC NORTH
 TO CONVERT MAGNETIC AZIMUTH
 TO GRID AZIMUTH ADD G-M ANGLE
 MAGNETIC NORTH = 1991 0' 0" (MLS)
 = 2001 1' 20" (MLS)
 TRUE NORTH FOR CENTER OF SHEET = 2'32" 45" (MLS)

SURVEY SPECIFICATIONS

LINE KILOMETRES: 688 km
 SURVEY SPEED: 100 km/h
 LINE DIRECTION: 07 AZ
 LINE SPACING: 200 m
 THE LINE DIRECTION: 907 AZ
 TERRAIN CLEARANCE: 60 m
 NAVIGATION: GPS AND COLOUR VIDEO SYSTEM

EM SYSTEM: MOUNTED IN A TOWED BIRD
 TERRAIN CLEARANCE: 30 m
 SAMPLING INTERVAL: 0.1 s

MAGNETICS: MOUNTED IN A TOWED BIRD
 MAGNETOMETER SENSOR: 48 m
 SAMPLING INTERVAL: 0.1 s

EQUIPMENT SPECIFICATIONS

AIRCRAFT: ASTAR AS350-B2, C-GDWH

SICHEM-5 EM SYSTEM:
 F1: 919 Hz VERTICAL COPLANAR
 F2: 845 Hz HORIZONTAL COPLANAR
 F3: 4666 Hz VERTICAL COPLANAR
 F4: 4162 Hz HORIZONTAL COPLANAR
 F5: 32460 Hz HORIZONTAL COPLANAR

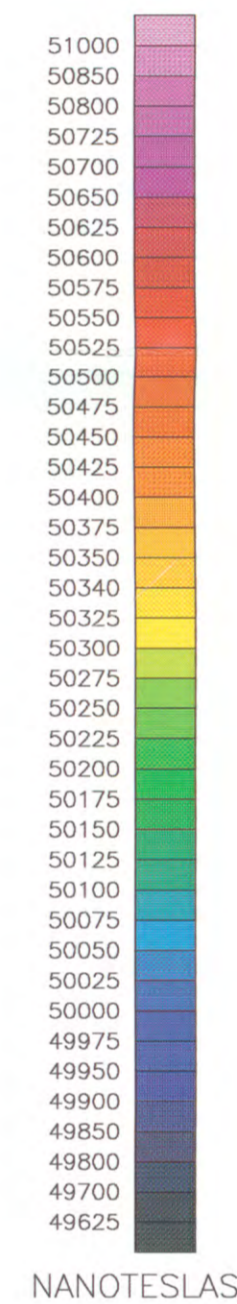
MAGNETOMETER: GEOMETRICS G83A, CESIUM VAPOUR
 MAGNETOMETER: GEM SYSTEM GSM-19 OVERHAUSER
 DIRECTIONAL MONITOR: KING KRA10 RADAR ALTIMETER
 ALTIMETER: KING KRA10 RADAR ALTIMETER
 DIGITAL RECORDER: RME 888-33/485150 DATA ACQUISITION SYSTEM

NAVIGATION SPECIFICATIONS

GPS: ASHTECH GG 24 CHANNELS RECEIVER
 - POSTPROCESSING CORRECTED DATA
 - PNAV-2100 NAVIGATION CONSOLE
 VIS COLOUR VIDEO

MAP INFORMATION

GEODETIC DATUM: WORLD GEODETIC SYSTEM 1984 (WGS84)
 PROJECTION: UTM
 ZONE UTM: 32
 FALSE EASTING: 500000 m
 FALSE NORTHING: 0 m



ELECTROMAGNETIC ANOMALIES
 The conductivity biomass product was calculated using the higher coastal frequency.

>32s
 16 - 32s
 8 - 16s
 4 - 8s
 2 - 4s
 1 - 2s
 <1s

Positive inphase
 Conductor associated with positive inphase

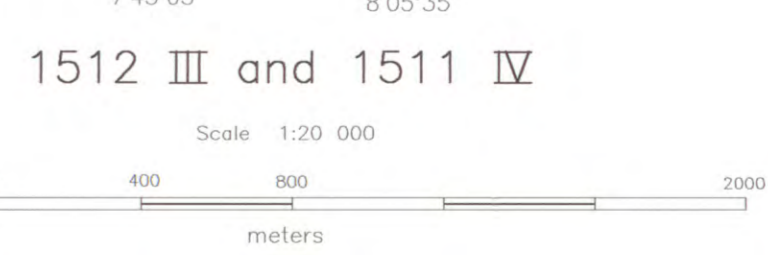
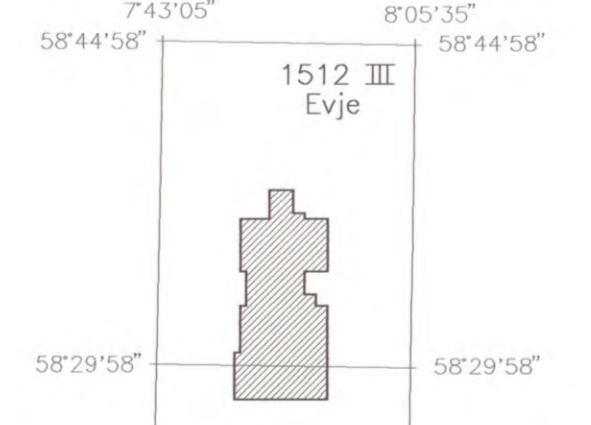
FLIGHT PATH INFORMATION

LINE DIRECTION
 LINE NUMBER
 TIME
 LINE NUMBER

TOTAL MAGNETIC FIELD

Map contours are in nanoTesla:
 5 nT : 5
 25 nT : 25
 100 nT : 100
 500 nT : 500

DATA GRIDDING: 50 m
 CELL SIZE: 50 m
 MAGNETIC DATA: THE LINE LEVELLED
 IGRF: NOT REMOVED



AMERICA MINERAL FIELDS INC.
 BLOCK - 1
 HELICOPTER BORNE SURVEY - NORWAY

TOTAL MAGNETIC FIELD
 (COLOUR)

Map scale : 1:20 000 Project Ref : 98H03-04 CMGAM120
 Date Compiled : JUNE 1998 Date Flown : JUNE 1998

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