

NAVIGATION SPECIFICATIONS

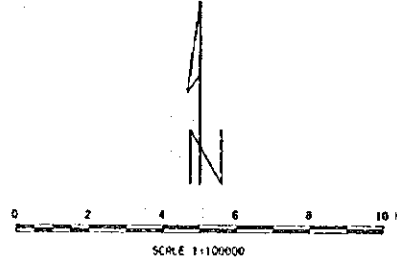
FLIGHT PATH TRACKING	NATIONAL 1 st S-VHS COLOUR VIDEO
FLIGHT PATH NAVIGATION	ORIGIN SVL11 C/S
FLIGHT PATH RECOVERY	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

PLOTTING SPECIFICATIONS

PROJECTION	GAUSS CONFORM
SPHEROID	BESSEL
CENTRAL MERIDIAN	18 DEGREES EAST
X OFFSET	0 METRES
Y OFFSET	0 METRES
GRID MESH SIZE	75 METRES
AIRCRAFT SUPPLIED BY	GEOSOLS
AIRCRAFT	CESSNA TITAN 404 B5-BCH
DATA ACQUISITION BY	GEOSOLS
DATA PROCESSING BY	GEOSOLS

CONTOUR INTERVAL = 100 CPS

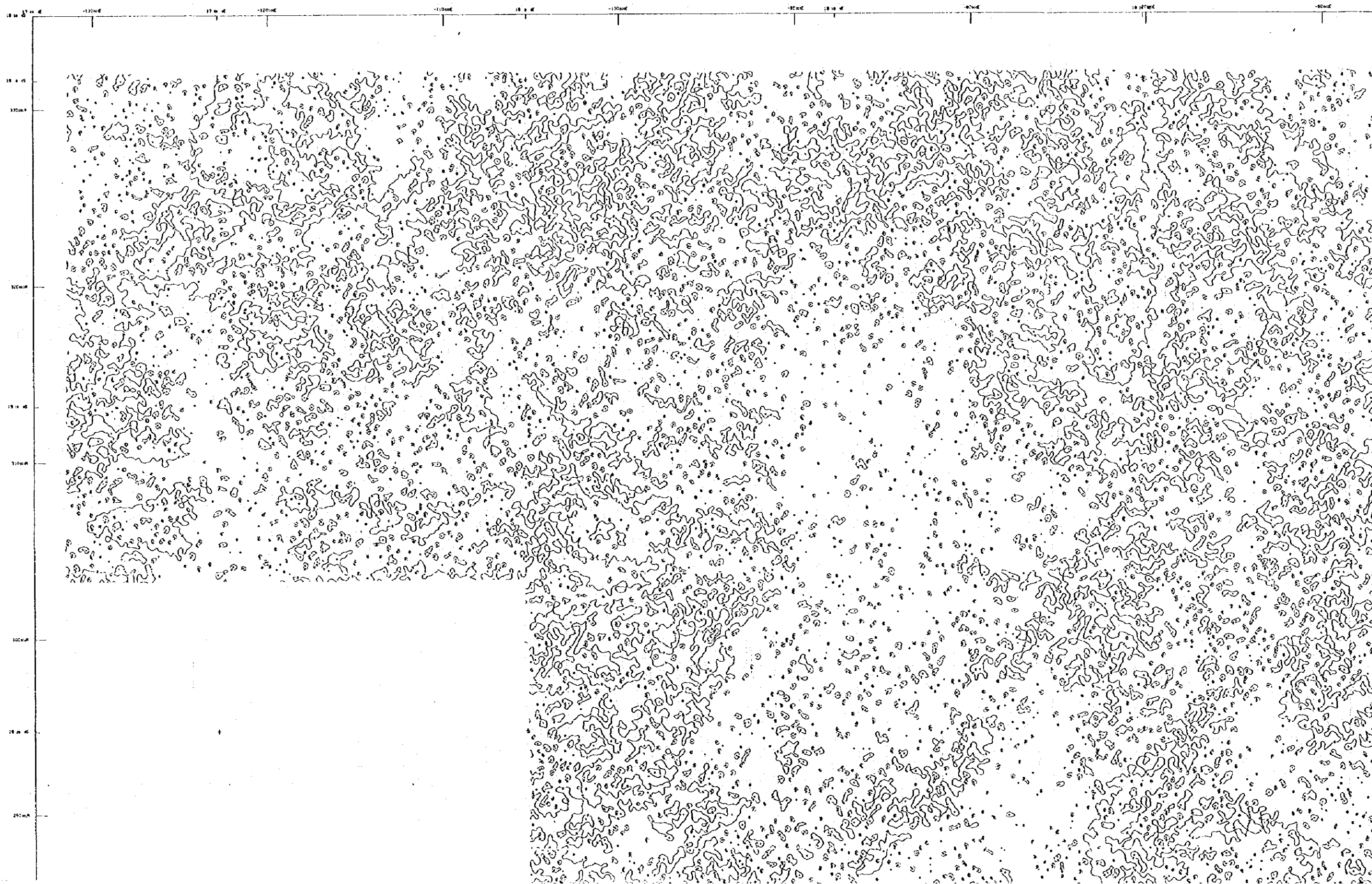
100 CPS CONTOUR	—————
500 CPS CONTOUR	—————
2500 CPS CONTOUR	—————

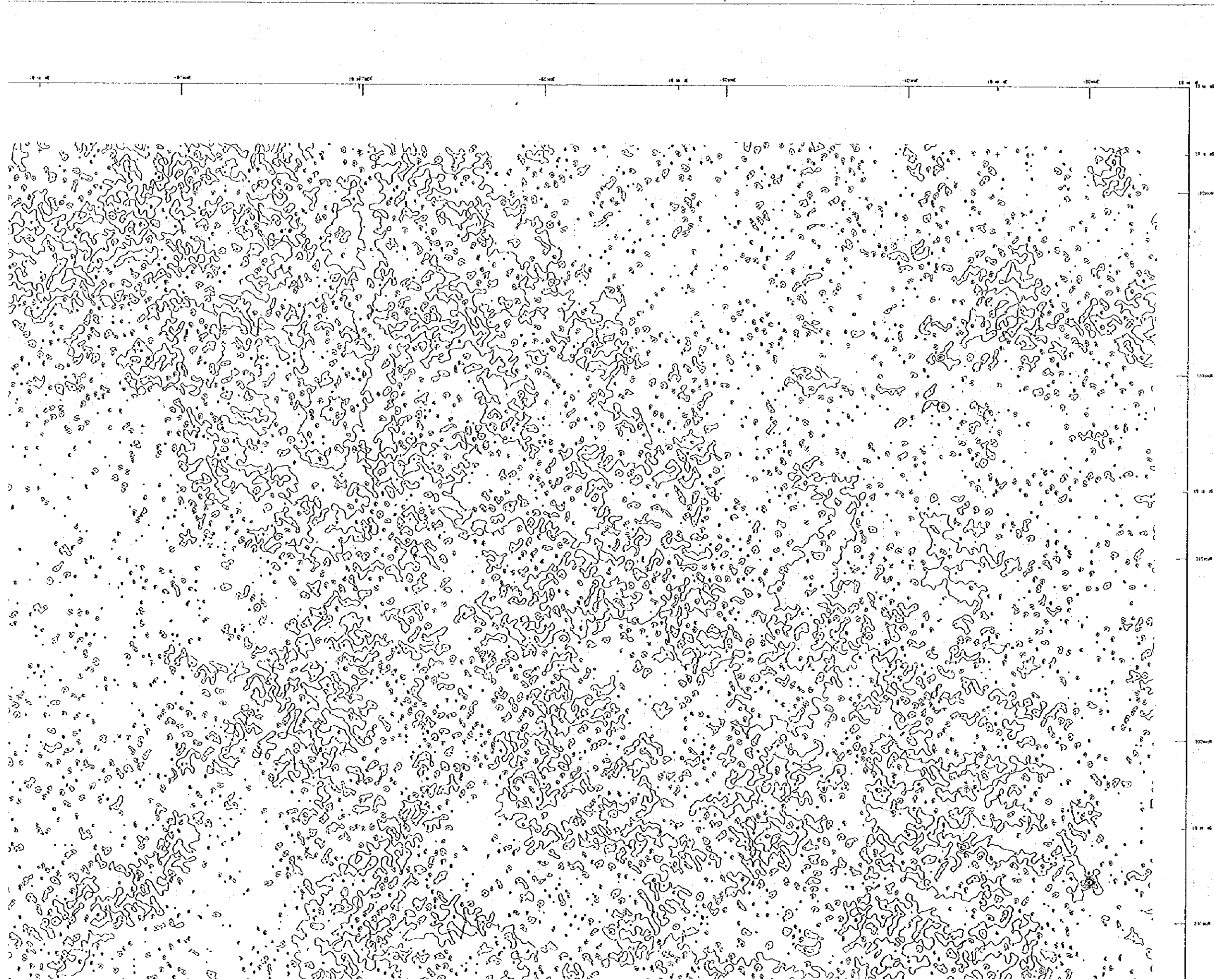


JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN

THE MINERAL EXPLORATION
IN THE OTAVI MOUNTAIN LAND AREA
THE REPUBLIC OF NAMIBIA

Fig II-5-2 Radiometric Total Count Map
MARCH 1996





SURVEY SPECIFICATIONS

DATA RECORDING INTERVAL	0.4 SEC. APPROX. 8 METRES
SENSOR HEAD TERRAIN CLEARANCE	75 M AIC
FLIGHT LINE SPACING	250 METRES
FILE LINE SPACING	2500 METRES
FLIGHT LINE TEND	NORTH - SOUTH
FILE LINE TEND	EAST - WEST

EQUIPMENT SPECIFICATIONS

INTEGRAL IMAGINATORS	SCENTEX HB DESIGN VAPOR
DATA POSITION SYSTEM	SMS DMS-B
AUTOMATIC AIRBORNE DYNAMIC COMPENSATOR	KMS RMC-27 TERN
CHART RECORDER	RMS CAS-16 CHANNEL
RADIO ALTIMETER	KING RP2
BAROMETRIC ALTIMETER	RA120

NAVIGATION SPECIFICATIONS

FLIGHT PATH TRACKING	NATIONAL IP 5-KMS COLOR VIDEO
FLIGHT PATH NAVIGATION	SHANNON SP111 GPS
FLIGHT PATH RECOVERY	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

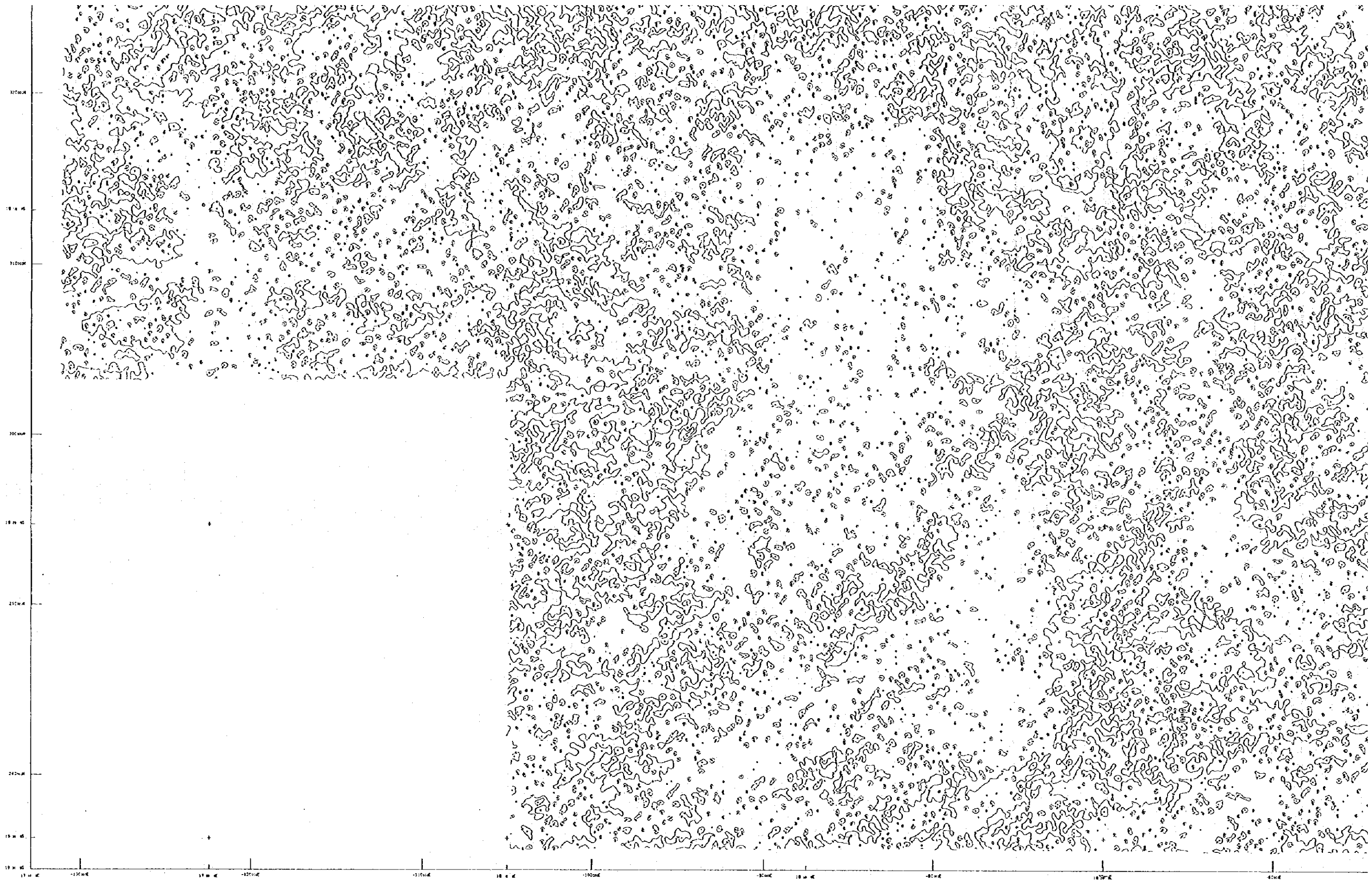
PLOTTING SPECIFICATIONS

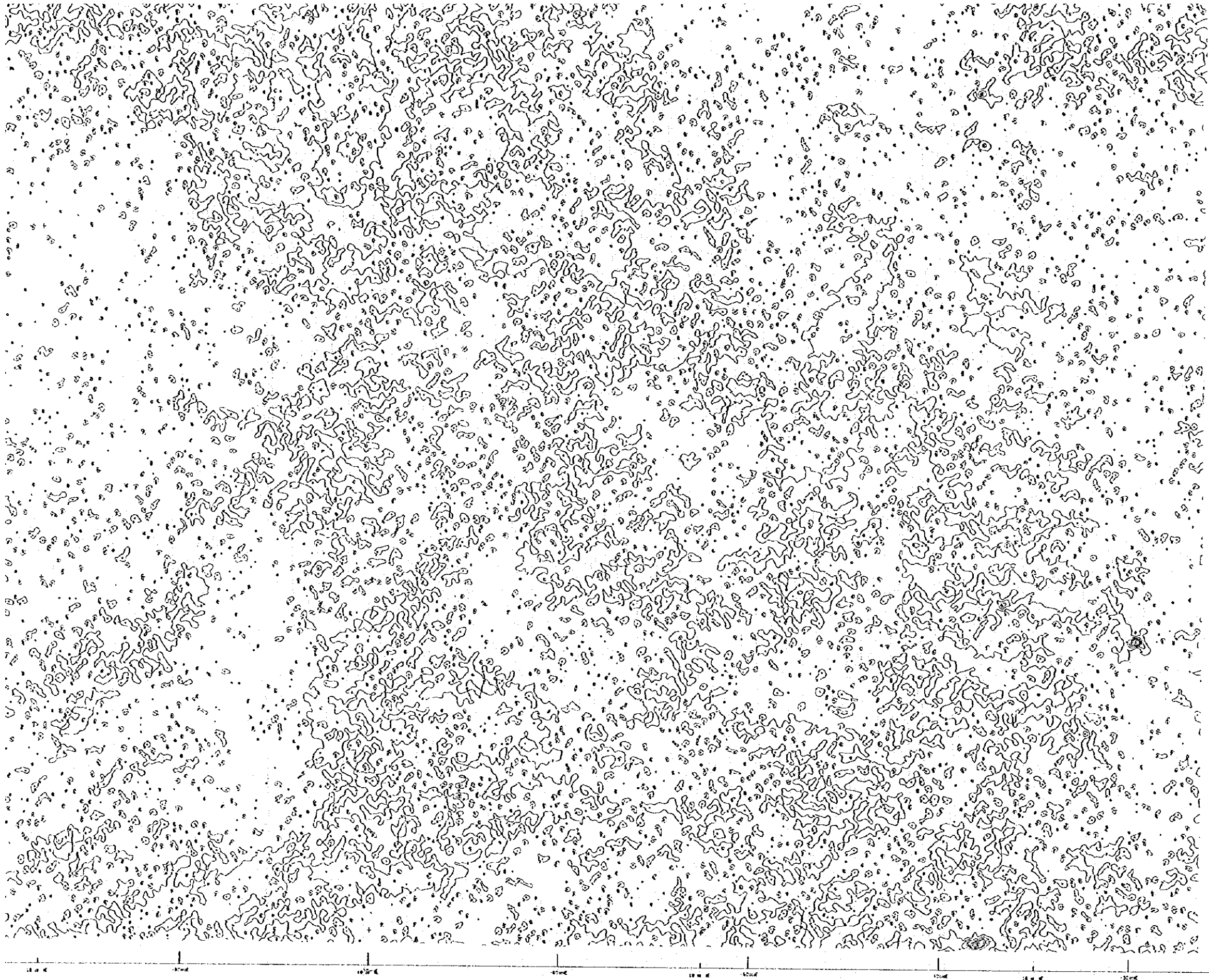
PROJECTION	GAUSS CONFORM
SPHEROID	WESSEL
CENTRAL MERIDIAN	19 DEGREES EAST
X AXIS	0 METRES
Y AXIS	0 METRES
GRID MESH SIZE	75 METRES

AIRCRAFT SUPPLIED BY	DEORSIS
AIRCRAFT	CESSNA 441Q 424 25-ACM
DATA ACQUISITION BY	DEORSIS
DATA PROCESSING BY	DEORSIS

CONTOUR INTERVAL : 1 PPM

1 PPM CONTOUR	—————
5 PPM CONTOUR	=====
10 PPM CONTOUR	=====





NAVIGATION SPECIFICATIONS

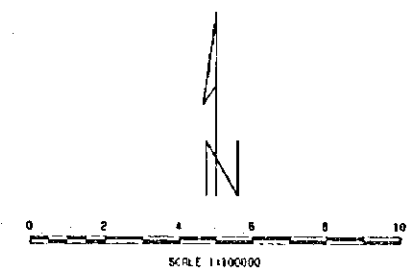
FLIGHT PATH TRACKING	NATIONAL IP 8-BITS CIRCLE VIEW
FLIGHT PATH NAVIGATION	GRAPHIC SCALE OPS
FLIGHT PATH RECEIVING	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

PLOTTING SPECIFICATIONS

PROJECTION	GAUSS CONFORM
SPHEROID	BESSL
CENTRAL MERIDIAN	19 DEGREES EAST
X BIAS	0 METRES
Y BIAS	0 METRES
GRID MESH SIZE	75 METRES
RAW DATA SUPPLIED BY	GEORSS
RAW DATA RECEIVED BY	CESSRA FELTON 404 25 ROM
DATA PROCESSING BY	GEORSS

CONTOUR INTERVAL : 1 PPM

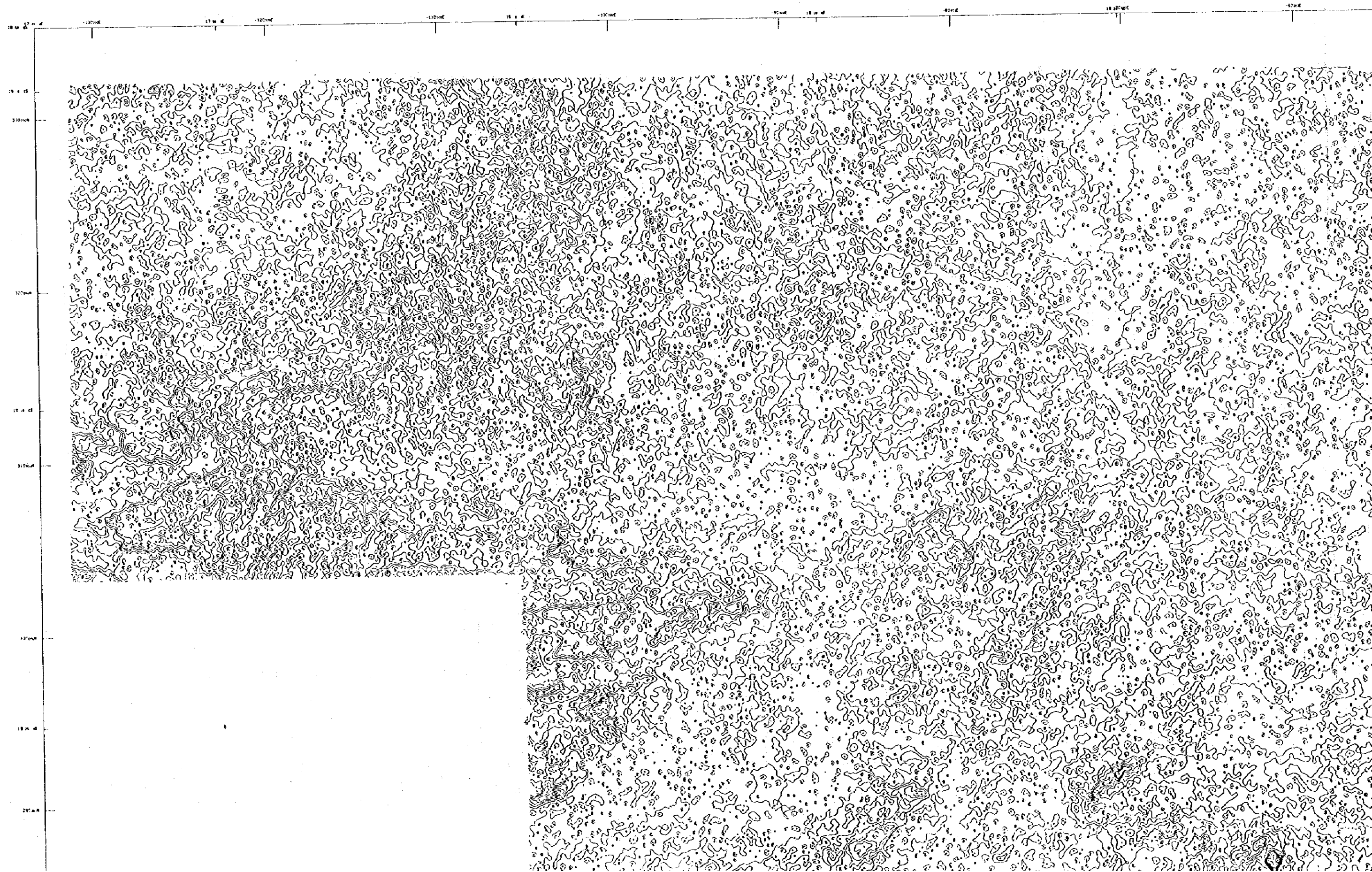
1 PPM CONTOUR	-----
5 PPM CONTOUR	-----
10 PPM CONTOUR	-----

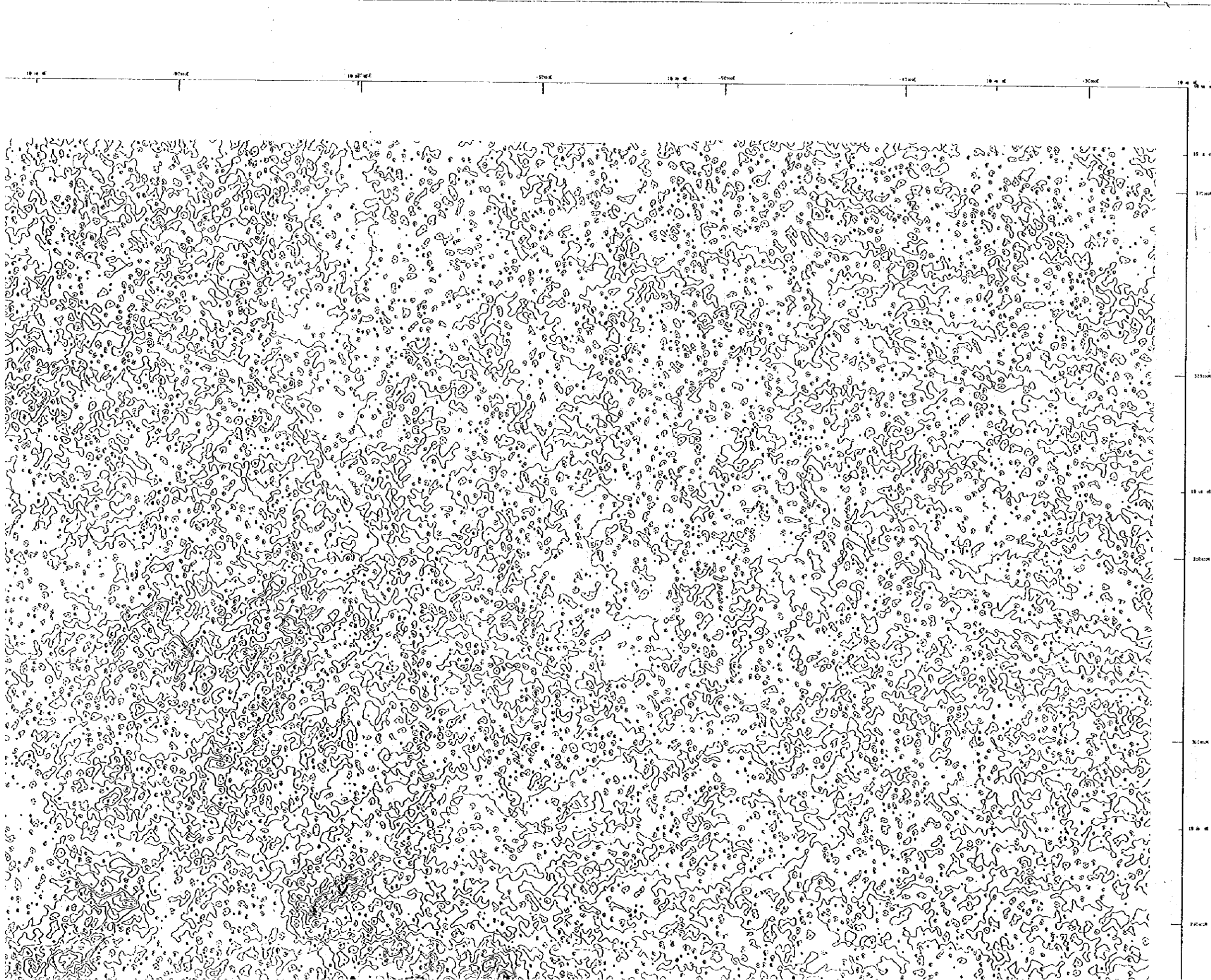


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Fig. 2-5-3 Uranium Radiocesium Concentration Map
MARCH 1996





SURVEY SPECIFICATIONS

DATA RECORDING INTERVAL	0.1 SEC. APPROX. 9 METRES
SENSOR NEAR TERRAIN CLEARANCE	75 M MET
FLIGHT LINE SPACING	250 METRES
FLIGHT LINE SPACING	2500 METRES
FLIGHT LINE TREND	NORTH - SOUTH
FLIGHT LINE TREND	EAST - WEST

EQUIPMENT SPECIFICATIONS

TRAINER PHOTOGRAMETERS	SCINTREX HO DESIGN W/FOUR
DATA ACQUISITION SYSTEM	RMS DMS-B
AUTOMATIC AIRBORNE GEOMATIC COMPENSATOR	RMS RMOC-27 TEST
CHART RECORDER	RMS CAS-16 CHANNEL
RADIO ALTIMETER	KIND KAZ
BAROMETRIC ALTIMETER	RPM

NAVIGATION SPECIFICATIONS

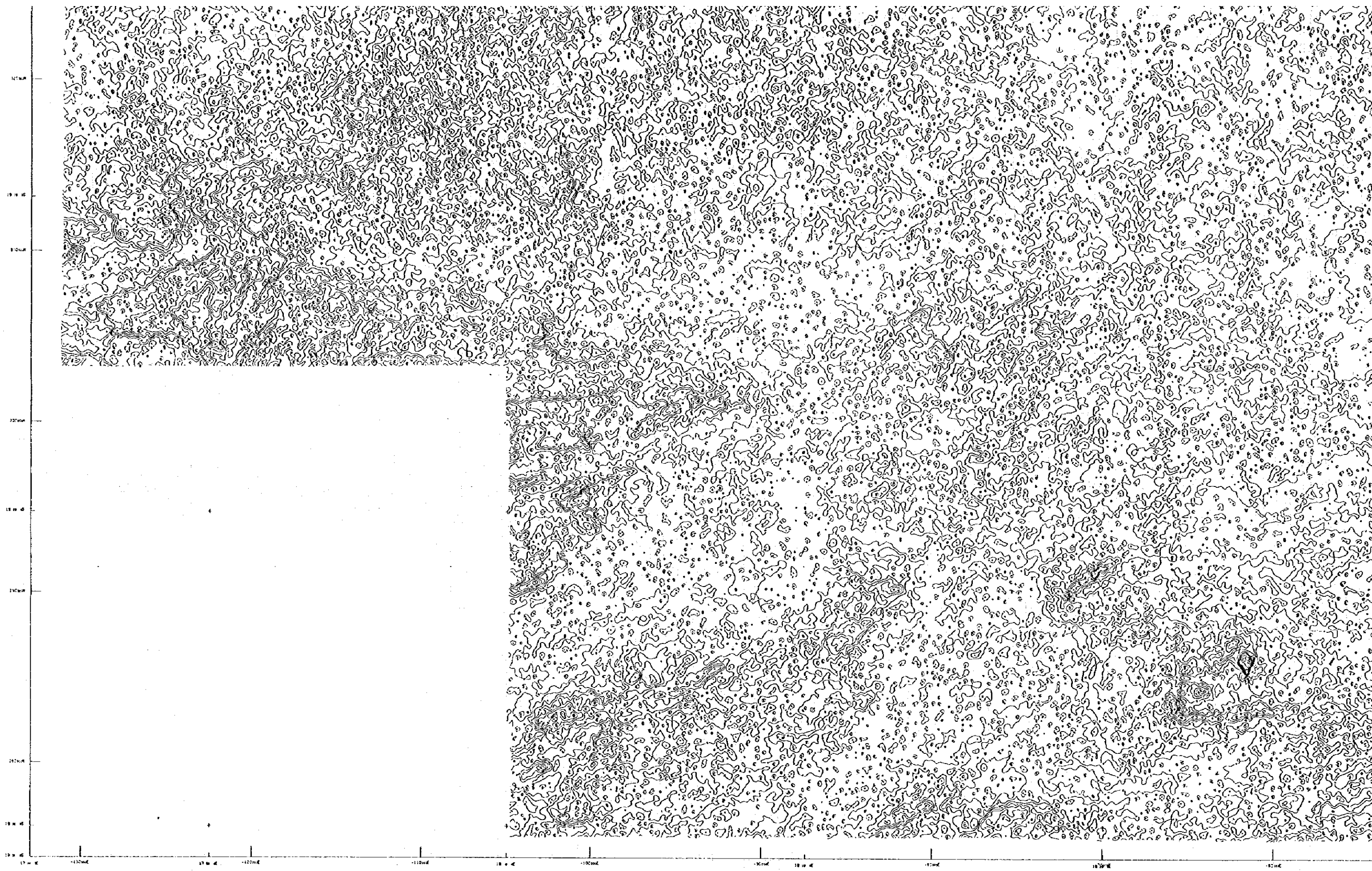
FLIGHT PATH TRACKING	NATIONAL SP 5-VHS COLOUR VIDEO
FLIGHT PATH NAVIGATION	ORANIN SWI1 OPS
FLIGHT PATH RECOVERY	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

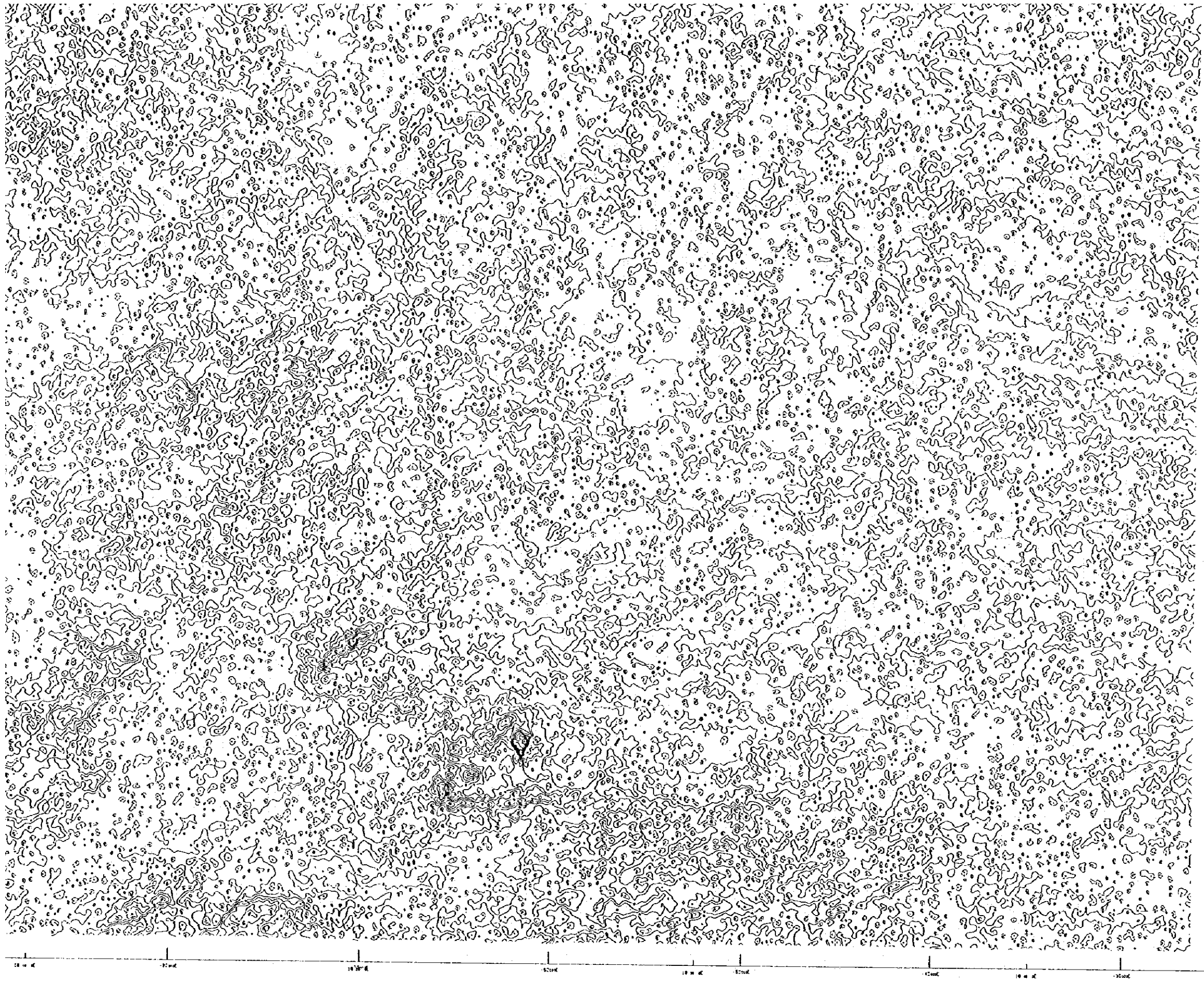
PLOTTING SPECIFICATIONS

PROJECTION	GAUSS CONFORM
SPHEROID	BESSEL
CENTRAL MERIDIAN	19 DEGREES EAST
X BIAS	0 METRES
Y BIAS	0 METRES
GRID MESH SIZE	75 METRES
AIRCRAFT SUPPLIED BY	GEORSS
AIRCRAFT	CESSNA 441Q 404 75-FW
DATA ACQUISITION BY	GEORSS
DATA PROCESSING BY	GEORSS

CONTOUR INTERVAL : 1 PPM

1 PPM CONTOUR	—————
5 PPM CONTOUR	=====
10 PPM CONTOUR	=====





NAVIGATION SPECIFICATIONS

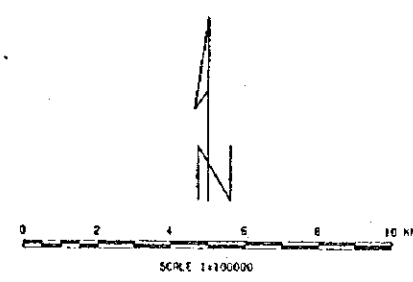
FLIGHT PATH TRACKING	NATIONAL IP 5-YRS COLOUR VIDEO
FLIGHT PATH NAVIGATION	GARMIN 8411 GPS
FLIGHT PATH RECOVERY	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

PLOTTING SPECIFICATIONS

PROJECTION	GAUSS CONFORM
SPHEROID	BESSEL
CENTRAL MERIDIAN	19 DEGREES EAST
X BIAS	0 METRES
Y BIAS	0 METRES
GRID MESH SIZE	75 METRES
AIRFRAME SUPPLIED BY	GEOSISS
AIRFRAME	DESONA F111M 404 ZS 20M
DATA ACQUISITION BY	GEOSISS
DATA PROCESSING BY	GEOSISS

CONTOUR INTERVAL : 1 PPM

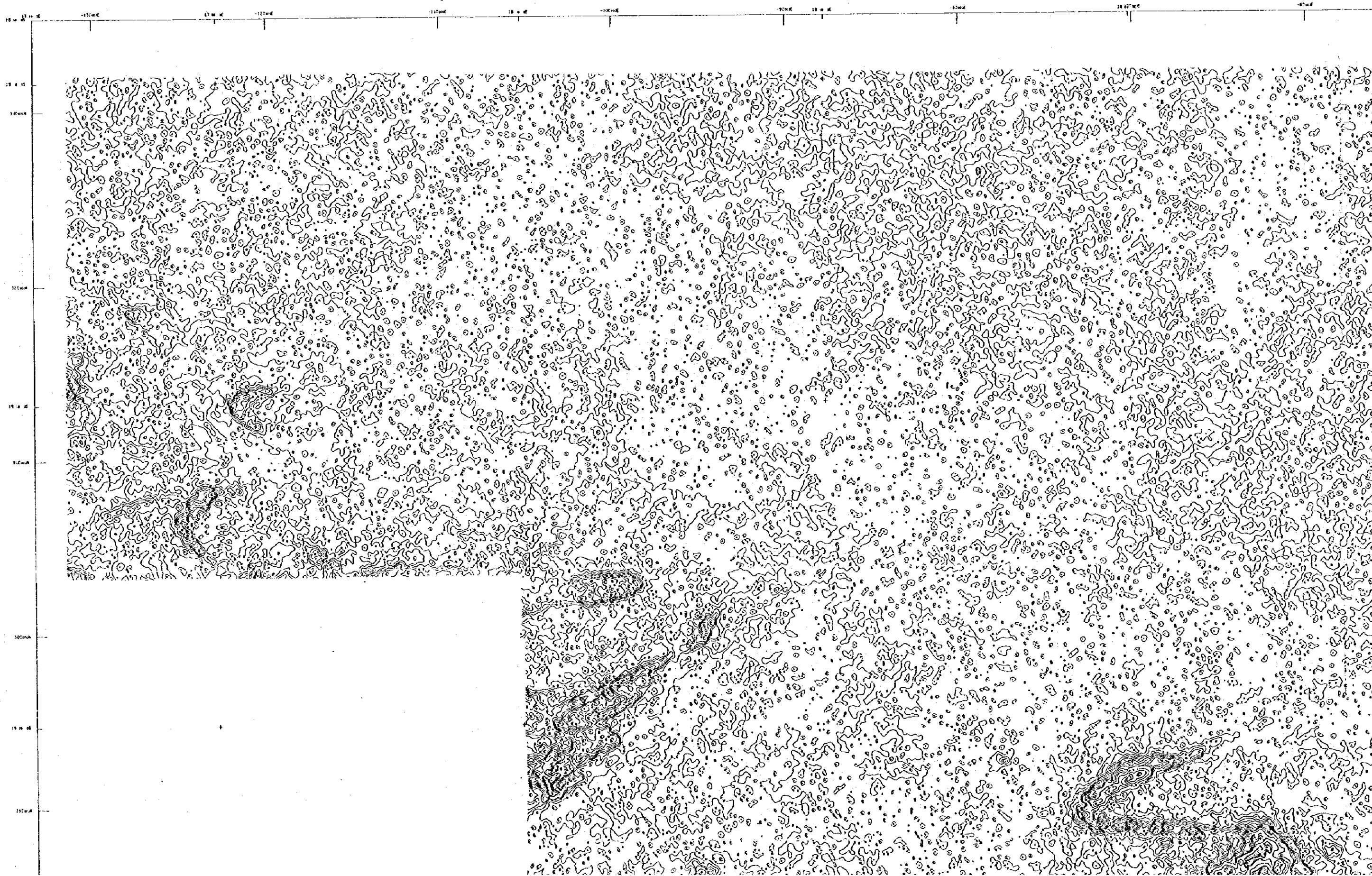
1 PPM CONTOUR	_____
5 PPM CONTOUR	_____
10 PPM CONTOUR	_____



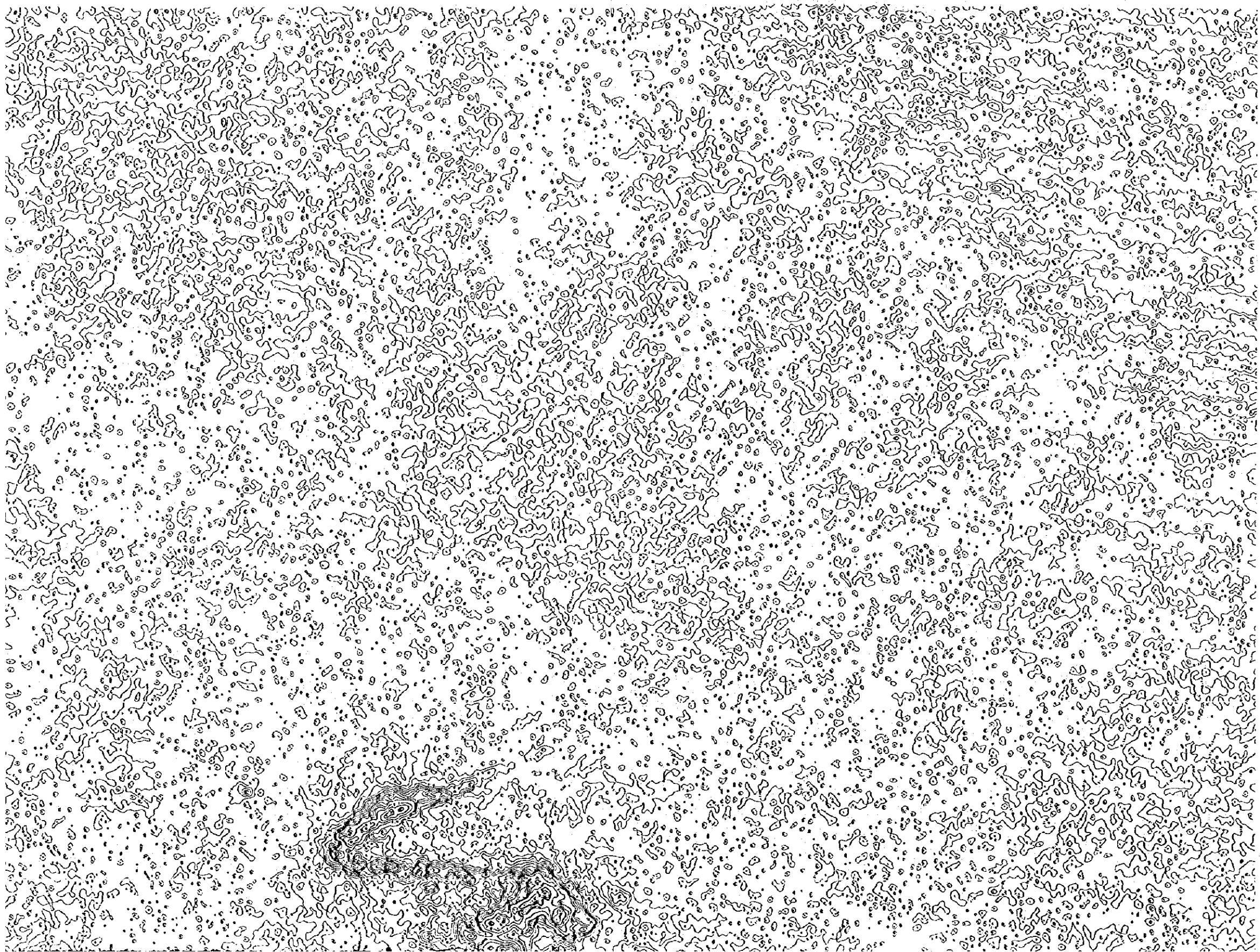
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Fig II-5-4 Thorium Radioelement Concentration Map
MARCH 1996



10 20 30 40 50 60 70 80 90 100



SURVEY SPECIFICATIONS

DATA RECORDING INTERVAL	0.1 SEC. APPROX. 8 METRES
SENSOR HEAVY TERRAIN CLEARANCE	75 METRES
FLIGHT LINE SPACING	250 METRES
FLIGHT LINE TREND	NORTH - SOUTH
FLIGHT LINE TREND	EAST - WEST

EQUIPMENT SPECIFICATIONS

BAROMETRIC ALTIMETERS	SCINTREX HD CESUM VAPOR
DATA ACQUISITION SYSTEM	RMS DRG-8
AUTOMATIC AIRBORNE DYNAMIC COMPENSATOR	RMS ADC. 27 TERN
CHART RECORDER	RIS DR33. 16 CHANNEL
RADIO ALTIMETER	KING KR2
BAROMETRIC ALTIMETER	RN28

NAVIGATION SPECIFICATIONS

FLIGHT PATH TRACKING	NATIONAL IP. 5-VHS COLOUR VIDEO
FLIGHT PATH NAVIGATION	CELSUM SV112 GPS
FLIGHT PATH RECOVERY	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

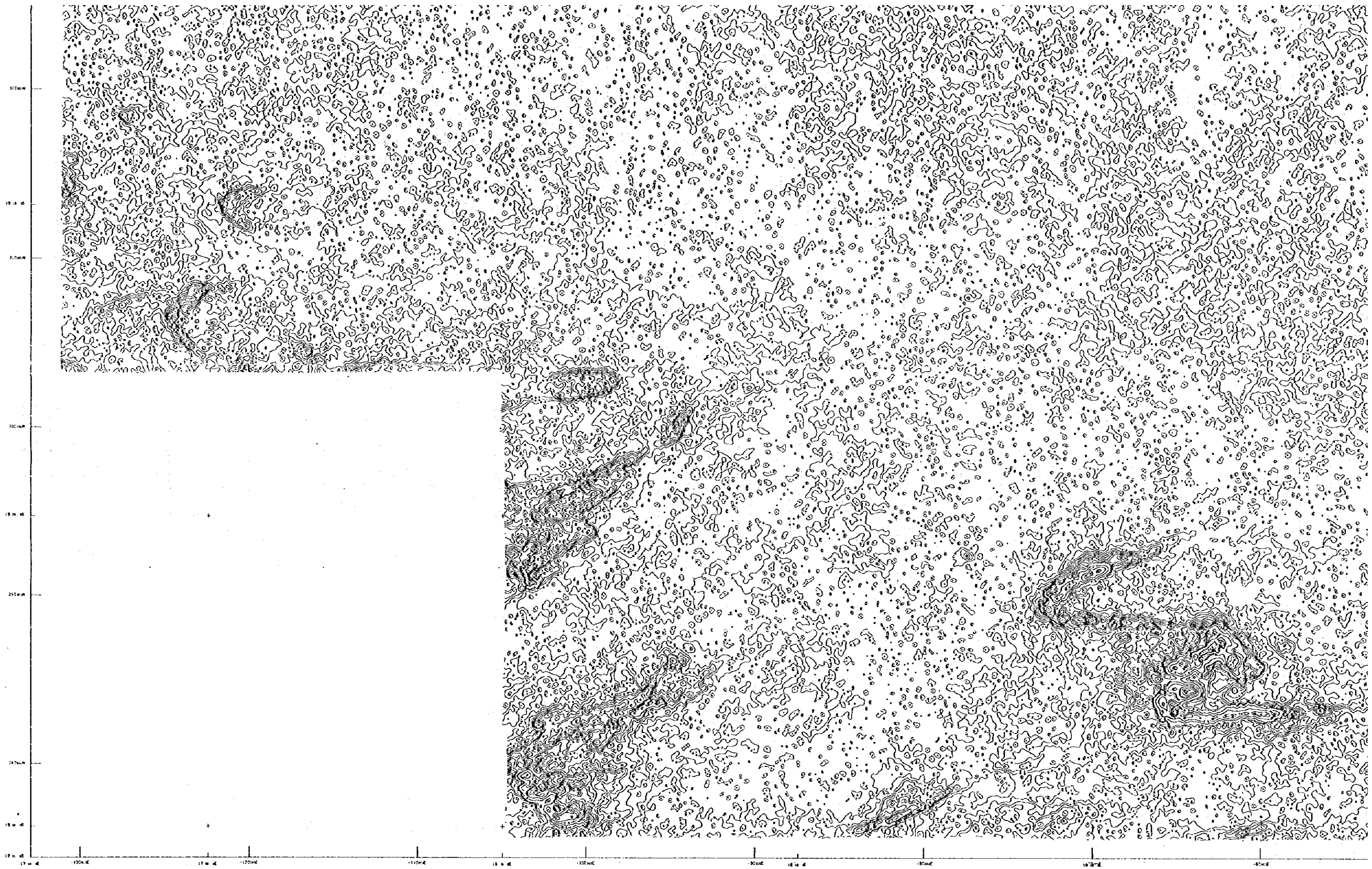
PLOTTING SPECIFICATIONS

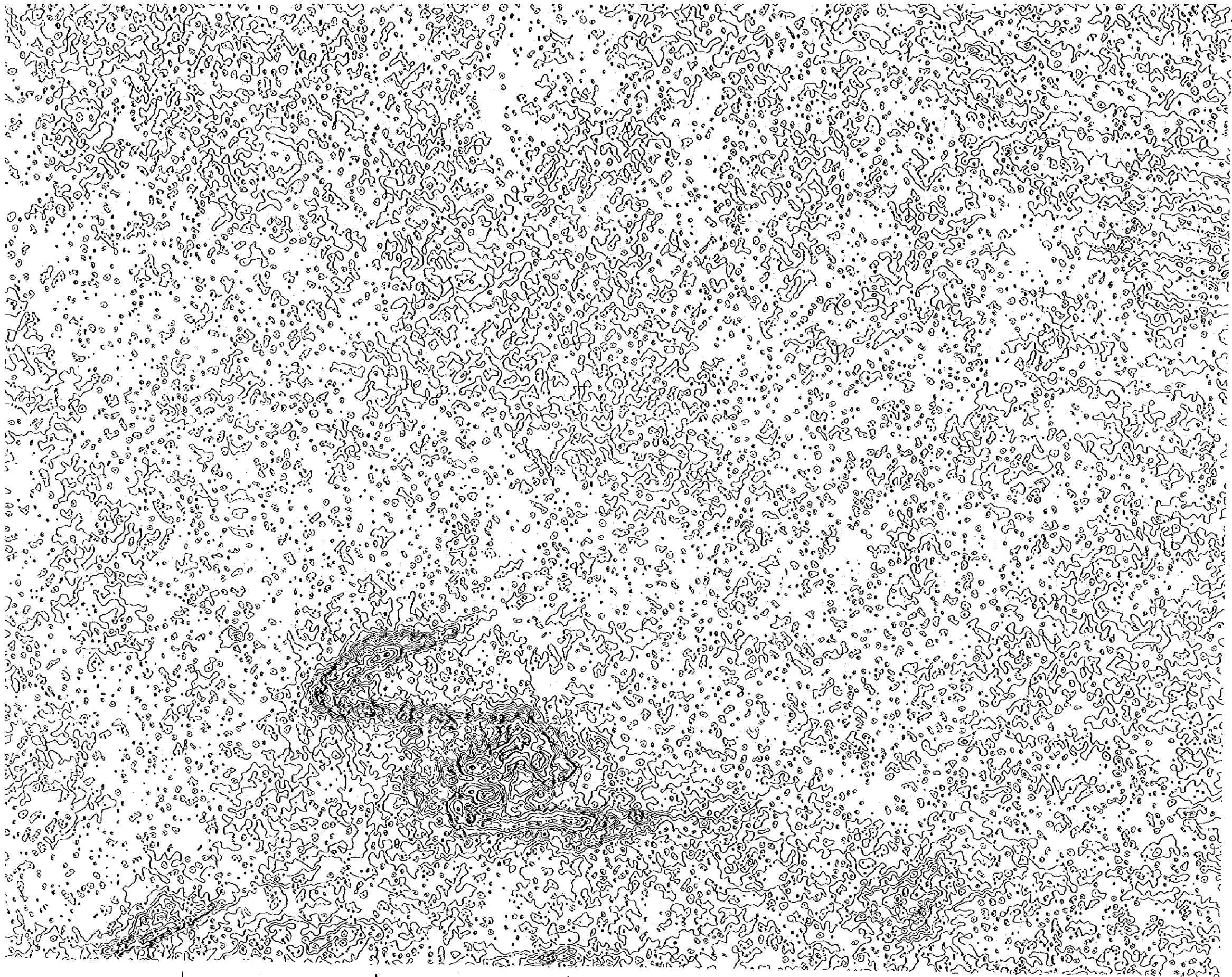
PROJECTION	GRS CONFORM
SPHEROID	BESSEL
CENTRAL MERIDIAN	18 DEGREES EAST
X BIAS	0 METRES
Y BIAS	0 METRES
GRID MESH SIZE	75 METRES
PROGRAMME SUPPLIED BY	GEODIGS
ALGORITHM	CELSUM T128R AC4 25-PM
DATA ACQUISITION BY	GEODIGS
DATA PROCESSING BY	GEODIGS

CONTOUR INTERVAL : 1 METRE

0.1 METRE CONTOUR _____
 0.5 METRE CONTOUR _____
 2.5 METRE CONTOUR _____







NAVIGATION SPECIFICATIONS

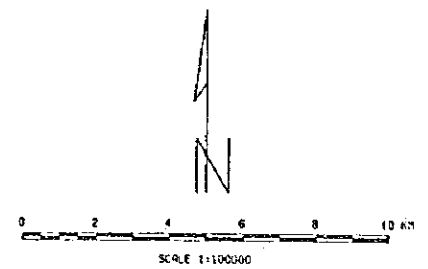
FLIGHT PATH TRACKING	NATIONAL IP 5-YRS COLOUR VIDEO
FLIGHT PATH NAVIGATION	GARMIN 5011 GPS
FLIGHT PATH RECOVERY	POST PROCESSED
FLIGHT PATH PROCESSING	POST PROCESSED

PLOTTING SPECIFICATIONS

PROJECTION	UTM CONFORM
SPHEROID	WGS84
CENTRAL MERIDIAN	19 DEGREE EAST
K UTM	0 METRES
V UTM	0 METRES
GRID MESH SIZE	15 METRES
ALTIMETER SUPPLIED BY	GEORSS
ALTIMETER	GEORSS
DATA ACQUISITION BY	GEORSS
DATA PROCESSING BY	GEORSS

CONTOUR INTERVAL : 1 PCT

0.1 PCT CONTOUR	_____
0.5 PCT CONTOUR	_____
2.5 PCT CONTOUR	_____



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Fig II-5-5 Potassium Radioelement Concentration Map

MARCH 1996

17 18 19 20 21 22 23 24 25 26 27 28 29 30

