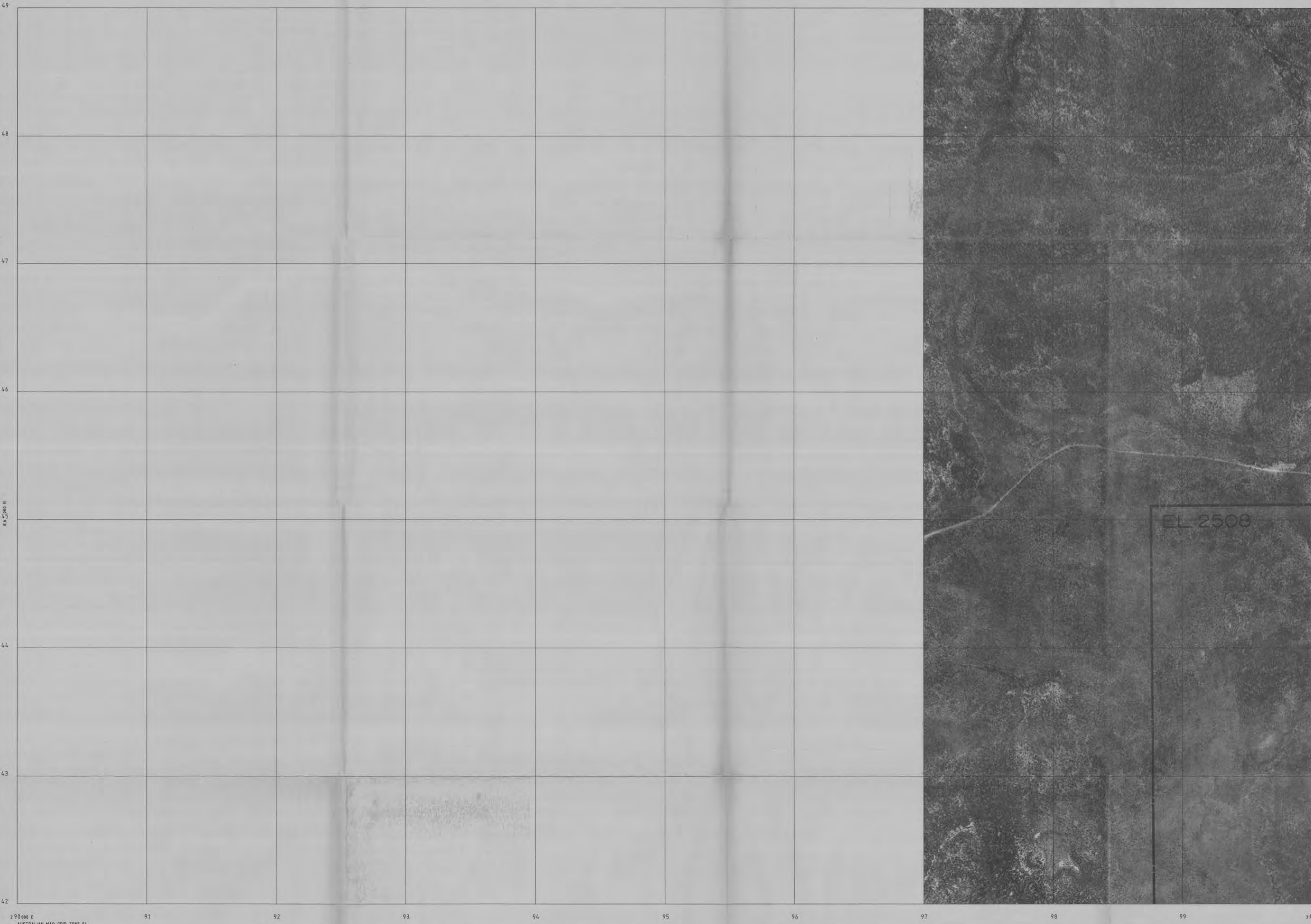


REFERENCE



4.9
4.8
4.7
4.6
4.5
4.4
4.3
4.2

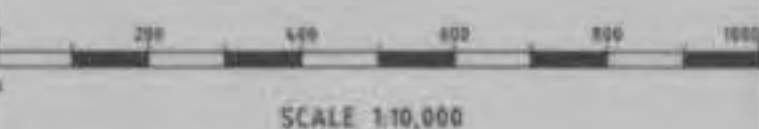
91 92 93 94 95 96 97 98 99

290 000 E
AUSTRALIAN MAP GRID-ZONE 54

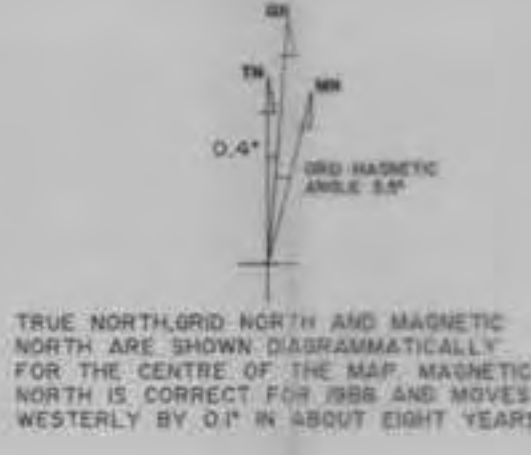
300 000 E

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035



Amendment	Date	Description



PHOTOGRAMMETRY

SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEL GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508

ORTHOPHOTOMOSAIC BASE

Author: DR. A. RUTHERFORD	Scale: 1:10,000	Drawing No. 001
Drawn: C. J. DICOMAN	Computer File No. 9042-1	
Date: SEPT. 88		

REFERENCE

QUATERNARY

- Qb Black sand & clay (predominantly in drainage minor silt / sand)
- Qs Unconsolidated sand, outwash, colluvium

TERTIARY TO QUATERNARY

- Czt Silt / siltstone & siltstone rubble, sand / talus and scree
- Cxs Unconsolidated sand, ferruginous and clayey sand
- Cztl Mollusc, concretionary, plastic to lentic, within silt sandy, loam
- Czlm Outcropping nodular concretionary, plastic lentic

CARPENTARIAN

- Ehn Nungbarr Volcanics
- Ehkt Kombolgie Formation
Or sandstone, breccia conglomerate hematitic and brown ferruginous sandstone s-bedded, ripple-marked conglomerate lenses

EARLY PROTEROZOIC

- Edo Rhyolitic siltstone dolomite, apatite dolomite, granophyre dolomite and differentiated, peridotite, C-banded identification of rock, C-banded identification of country rock
- Bdz Zamu Dolomite
Mandolite, peridotite amphibolite

- Emx Undifferentiated, inferred Myra Falls metamorphics

- Emqs Quartz mica schist
- Emqs Mica quartz schist
- Eqs Quartz schist
- Ems Mica schist
- Eq Quartzite

- Emx Undifferentiated, inferred Myra Falls metamorphics

- Emqs Quartz schist
- Emqs Mica schist
- Emqs Mica quartz schist

GEOLOGICAL BOUNDARIES

- Geological boundaries, position accurate
- Geological boundaries, position approximate
- Geological boundaries, position inferred
- Geological boundaries, position interpreted

FOLDING

- Anticline showing plunge
- Syncline showing plunge

FAULTING

- Fault, position accurate (Cuzhen, Ugal)
- Fault, position approximate showing relative movement
- Fault, position inferred
- Fault containing breccia (B), quartz (Q), mylonite (M)
- Shear zone

BEDDING

- Strike and dip of bedding
- Strike and dip of refraction
- Strike of vertical bedding
- Horizontal bedding
- Trend of bedding

OTHER GEOLOGICAL SYMBOLS

- Strike and dip of refraction
- Strike and dip of cleavage
- Unconformity (top of "x" to younger rocks)
- Joint pattern
- Direction of movement of sediment bearing current

TOPOGRAPHIC SYMBOLS

- Watercourse
- Spring
- Road and track
- Mine
- Exploration Licence (EL) Boundary
- Statutory Mining Lease (SML) Boundary
- Aboriginal Sacred Site Boundary
- Boundary - Area excluded from exploration by N.L.C.

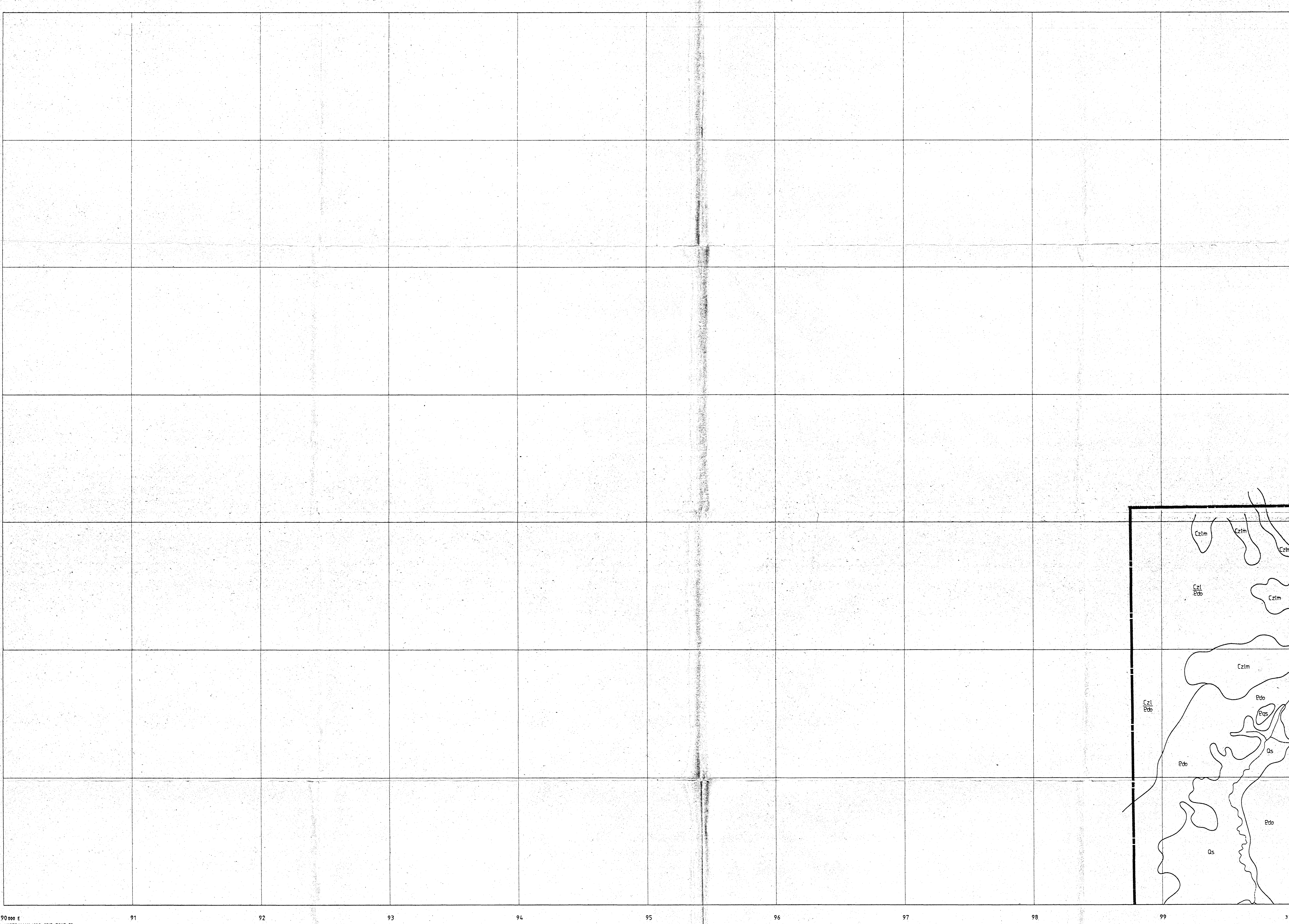
SAMPLING

- Rock Sample Location And Number (A-Assembly)
- Petrological, S-Specimen
- Rock Sample for age determination

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

0 200 400 600 800 1000
SCALE 1:10,000



Amendment	Date	Description

TRUE NORTH, TRUE NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1988 AND MOVES WESTERLY BY 0.1° IN ABOUT EIGHT YEARS

SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD

ARNHEM LAND EXPLORATION PROJECT, EL 2508

GEOLOGY

Author: DR. N. RUTHERFORD
Scale: 1:10,000
Drawn: G. COURT
Computer File No. 9042-2
Date: SEPT. 88
Drawing No. 002

CR 89-423 C

REFERENCE

Instrument : Geometrics G-256
Sampling time 20 secs
Base level 15.0 e cps
Vertical scale 30.0 e cps/cm

TOPOGRAPHIC SYMBOLS

Exploration Licence (EL) Boundary
Special Mining Lease (SML) Boundary
Aboriginal Sacred Site Boundary
Boundary - Area excluded from exploration by N.L.C.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

SCALE 1:10,000

QUEENSLAND MINES LTD

ARNHEM LAND EXPLORATION PROJECT, EL 2508

TOTAL COUNT (cps)
RADIOMETRIC PROFILES

Author: DR. N. F. RUTHERFORD

Drawn: C. J. DEHMAN

Date: JAN 89

Scale: 1:10,000

Computer File No.

9042RACS

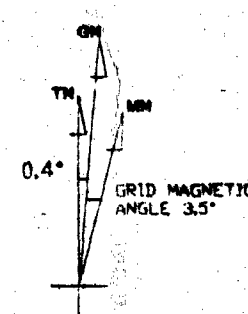
Drawing No.

003

SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

TRUE NORTH, GRID NORTH AND MAGNETIC
NORTH ARE SHOWN. MAGNETICALLY
FOR THE CENTRE OF THE MAP, MAGNETIC
NORTH IS CORRECT FOR 1989 AND MOVES
WESTERLY BY 0.1° IN ABOUT EIGHT YEARS



49

133 05'

133 06'

133 07'

133 08'

133 09'

12 13 S

48

12 14 S

47

46

12 15 S

44

12 16 S

43

42

2 90 000 E

91

92

93

94

95

96

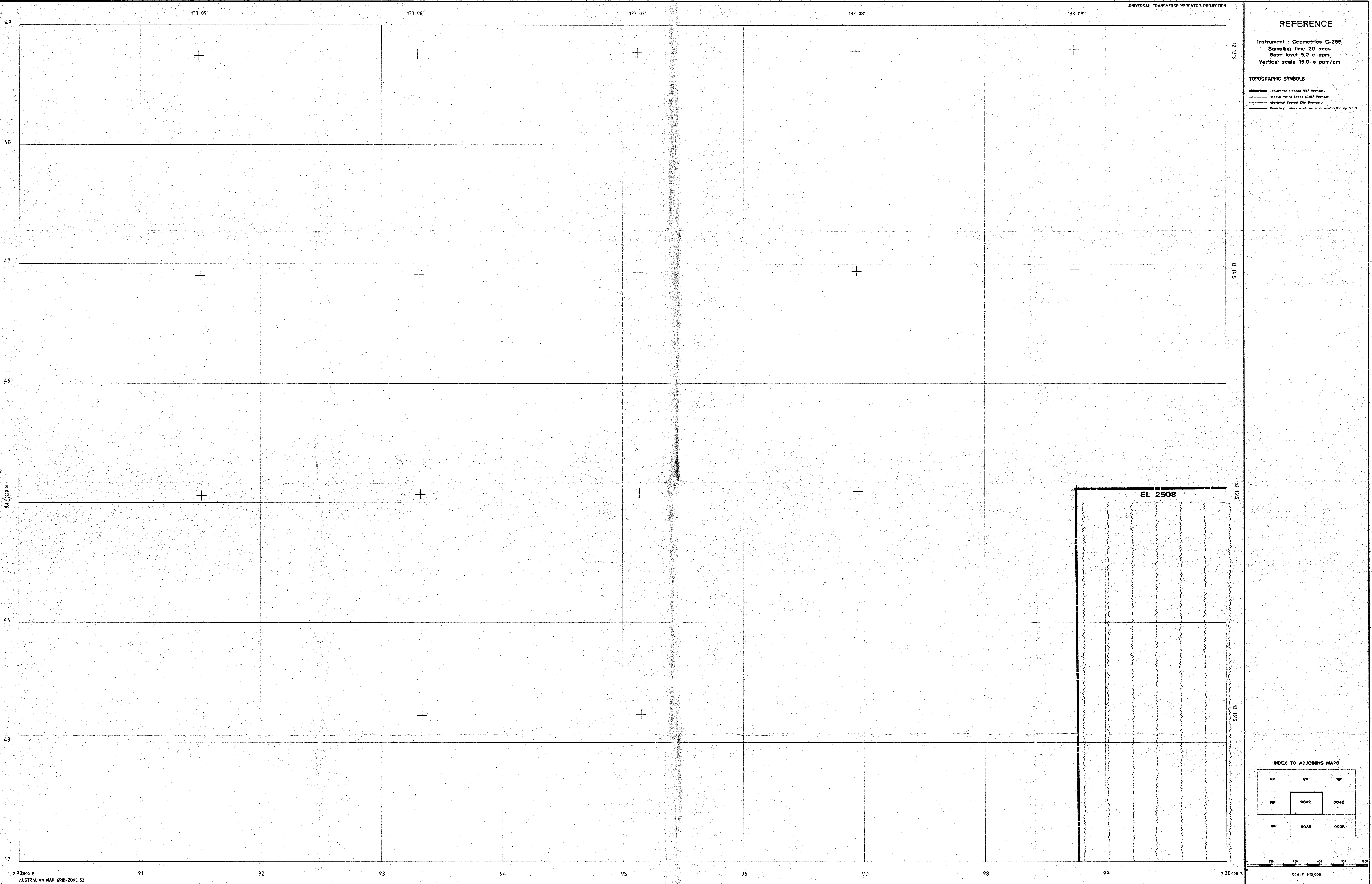
97

98

99

3 00 000 E

Amendment	Date	Description



REFERENCE

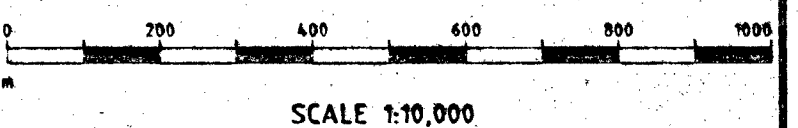
Instrument : Geometrics G-256
Sampling time 20 secs
Base level 5.0 e ppm
Vertical scale 15.0 e ppm/cm

TOPOGRAPHIC SYMBOLS

- Exploration Licence (EL) Boundary
- State Mining Lease (SML) Boundary
- Aboriginal Sacred Site Boundary
- Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035



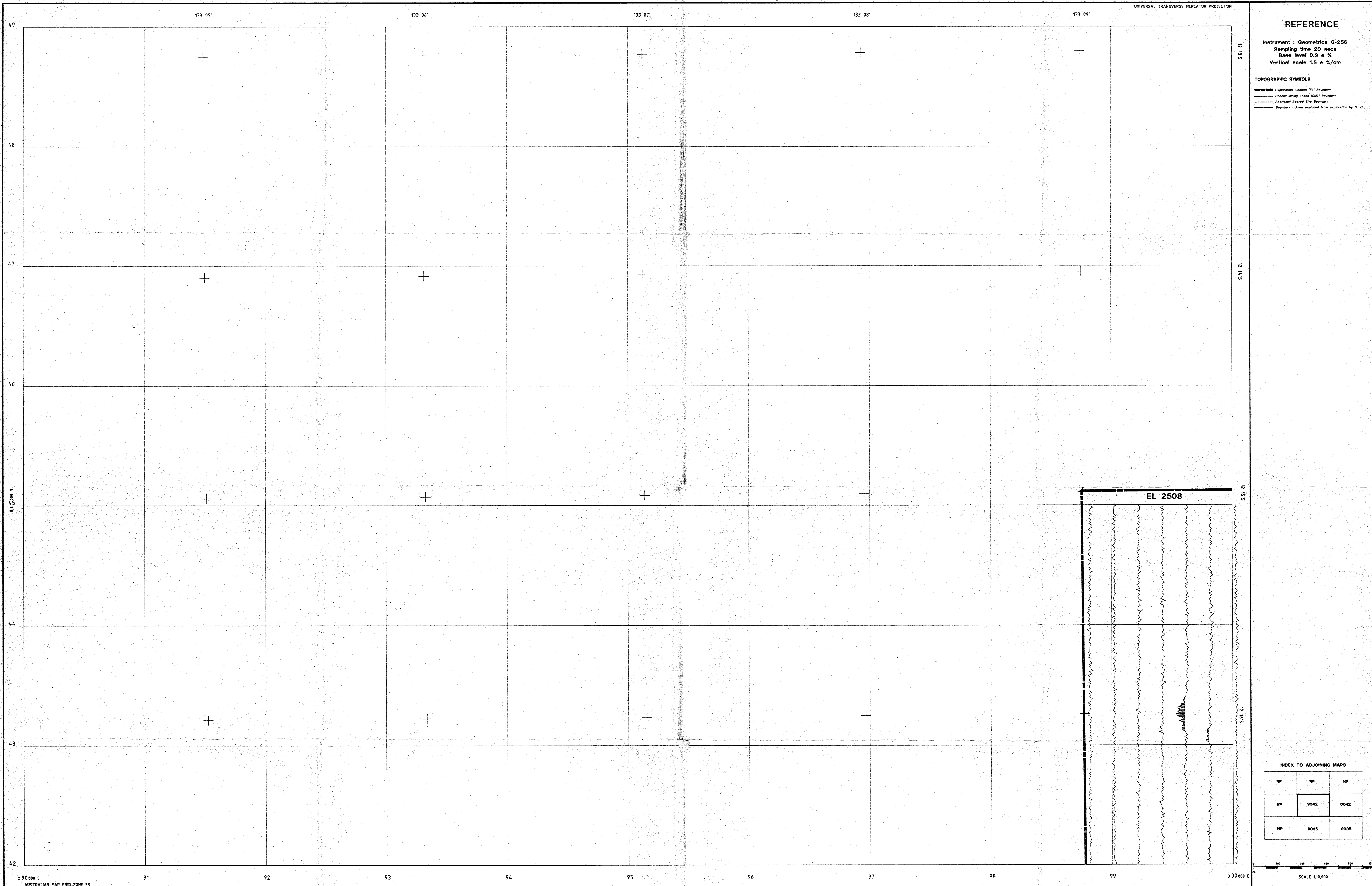
Amendment	Date	Description

TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1990 AND DECREASES WESTERLY BY 0.1" IN ABOUT EIGHT YEARS.

SURTEC
SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508
URANIUM (e ppm)
RADIOMETRIC PROFILES

Author: DR. N. F. RUTHERFORD	Scale: 1:10,000
Drawn: C. J. DEOHAN	Computer File No. 9042RAUS
Date: JAN. 89	Drawing No. 004



REFERENCE

Instrument : Geometrics G-256
Sampling time 20 secs
Base level 0.3 e %
Vertical scale 1.5 e %/cm

TOPOGRAPHIC SYMBOLS

Exploration Licence (EL) Boundary
Special Mining Lease (SML) Boundary
Aboriginal Sacred Site Boundary
Boundary - Area excluded from exploration by N.L.C.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

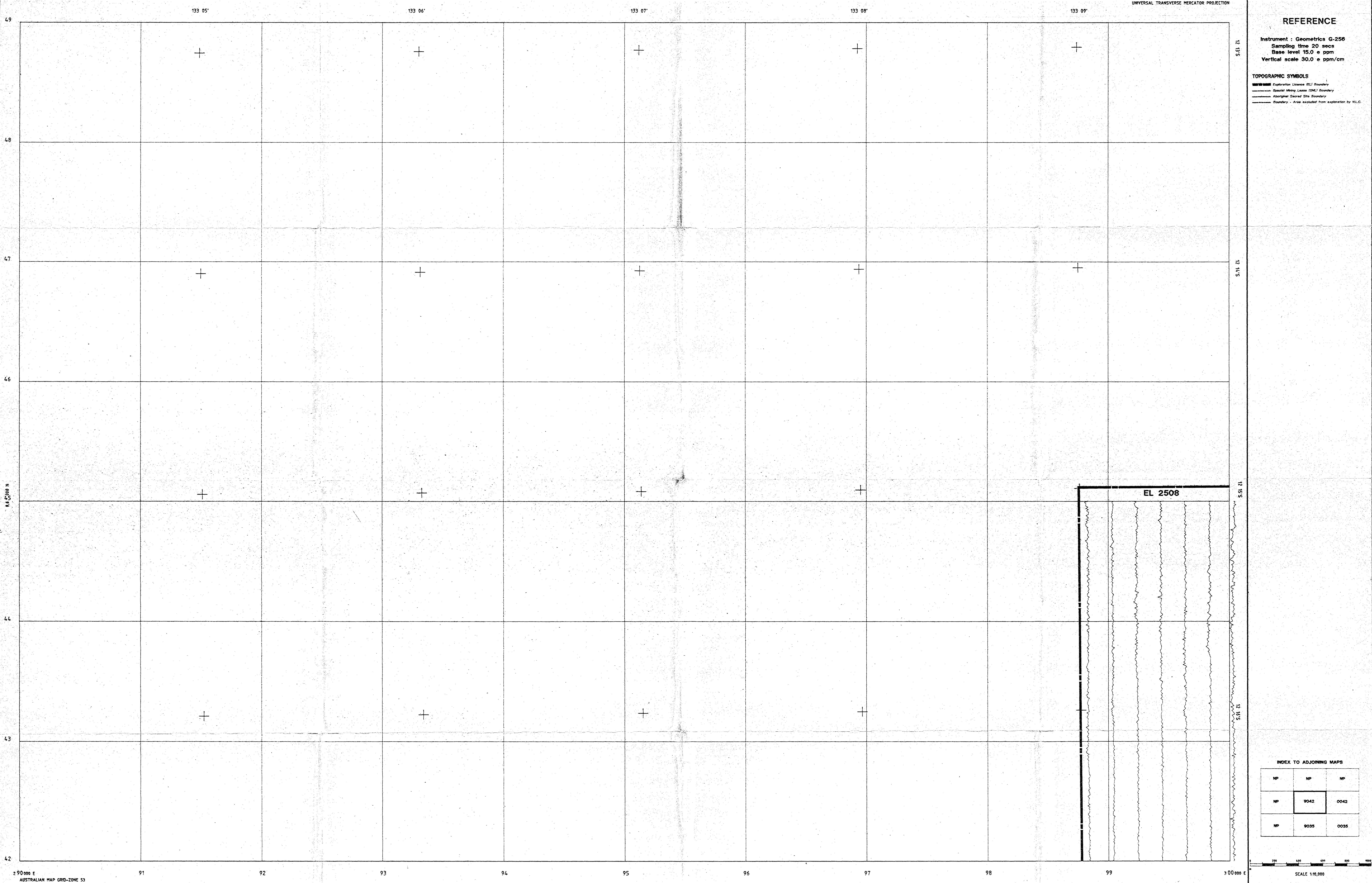
SCALE 1:10,000

Amendment	Date	Description

TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1989 AND MOVES WESTERLY BY 0.1° IN ABOUT EIGHT YEARS.

SURTEC
SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARMHEM LAND EXPLORATION PROJECT, EL 2508
**POTASSIUM (e %)
RADIOMETRIC PROFILES**
Author: DR. N. F. RUTHERFORD
Drawn: C. J. OEDMAN
Date: JAN 89
Scale: 1:10,000
Computer File No. 9042RAKS
Drawing No. 005



REFERENCE

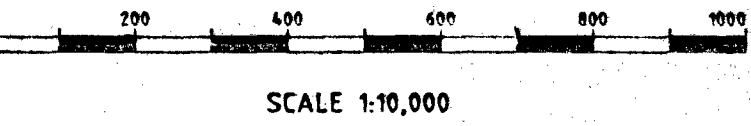
Instrument : Geometrics G-256
Sampling time 20 secs
Base level 15.0 e ppm
Vertical scale 30.0 e ppm/cm

TOPOGRAPHIC SYMBOLS

- Exploration Licence (EL) Boundary
- Special Mining Lease (SML) Boundary
- Aboriginal Sacred Site Boundary
- Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035



SCALE 1:10,000

Amendment	Date	Description

TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGONALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1988 AND MOVES WESTERLY BY 0.1° IN ABOUT EIGHT YEARS.

SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD

ARNHEM LAND EXPLORATION PROJECT, EL 2508

**THORIUM (e ppm)
RADIOMETRIC PROFILES**

Author: DR. N. F. RUTHERFORD	Scale: 1:10,000
Drawn: C. J. DEEMAN	Computer File No. 9042RATS
Date: JAN. 89	Drawing No. 005

REFERENCE

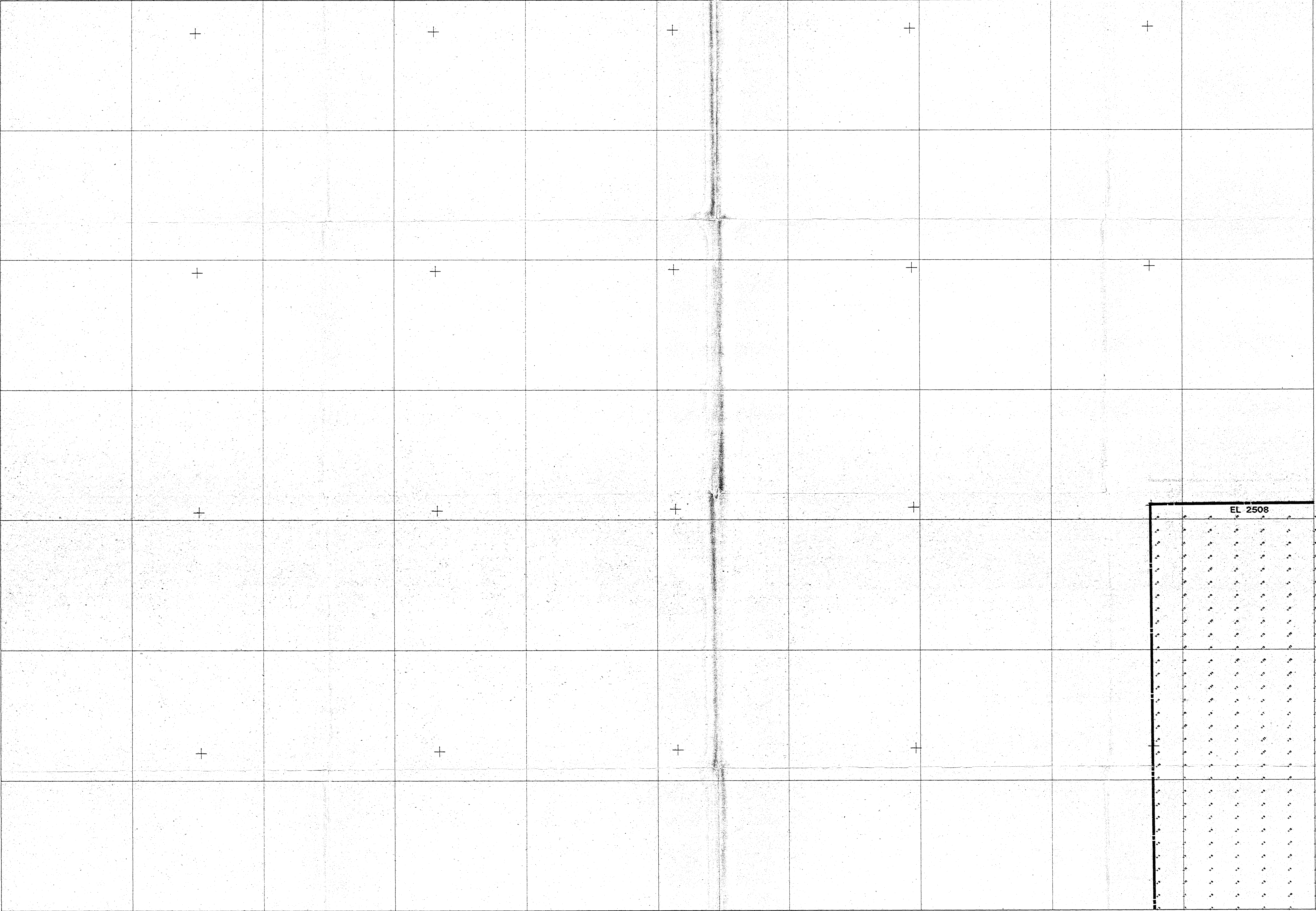
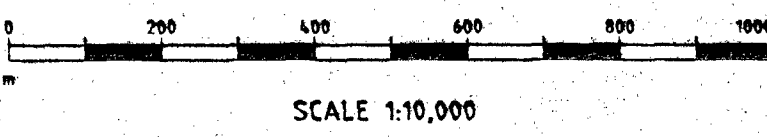
Instrument : Geometrics G-256
Sampling Time : 20 secs

TOPOGRAPHIC SYMBOLS

Exploration Licence (EL) Boundary
Special Mining Lease (SML) Boundary
Aboriginal Sacred Site Boundary
Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035



2 90 000 E
AUSTRALIAN MAP GRID-ZONE 53

91

92

93

94

95

96

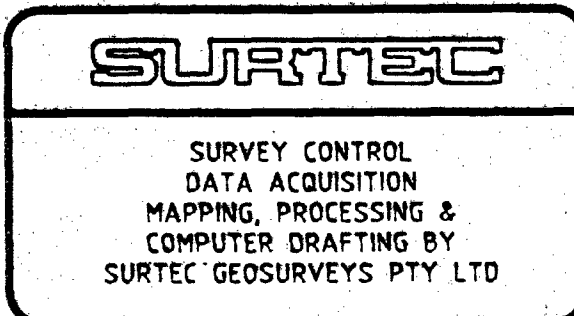
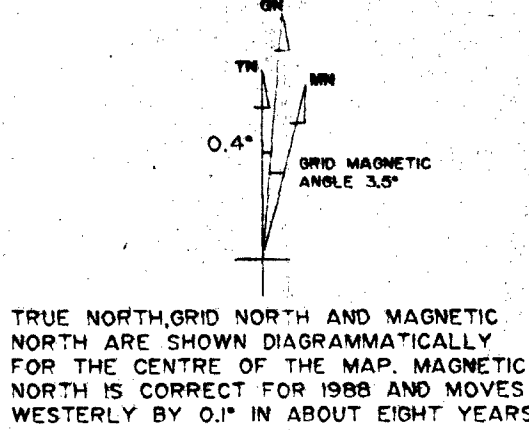
97

98

99

3 00 000 E

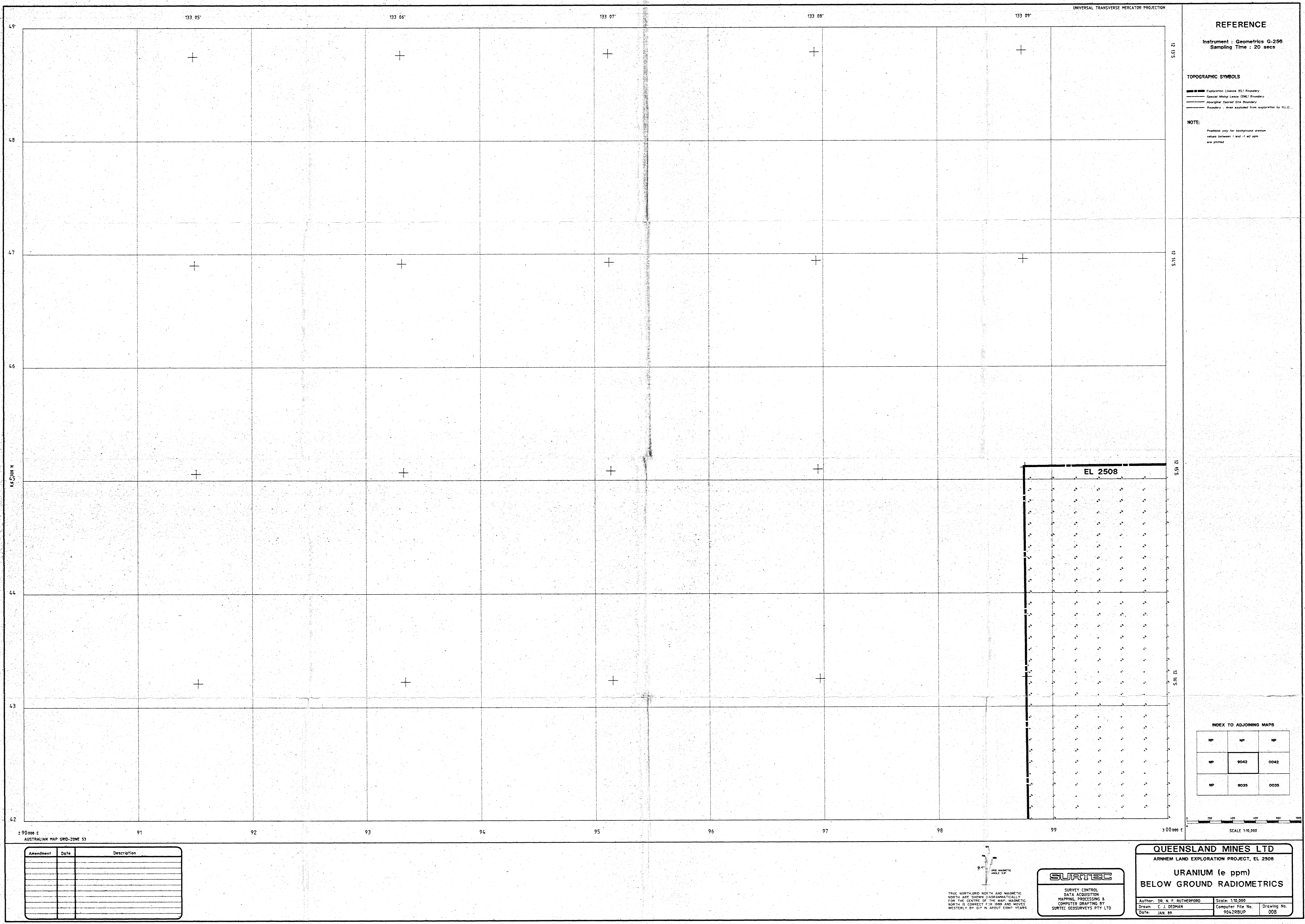
Amendment	Date	Description



QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508

TOTAL COUNT (cps)
BELOW GROUND RADIOMETRICS

Author: DR. N. F. RUTHERFORD	Scale: 1:10,000	
Drawn: C. J. DEAMAN	Computer File No. 9042RBCP	Drawing No. 007
Date: JAN 89		



REFERENCE

Instrument : Geometrics G-256
Sampling Time : 20 secs

TOPOGRAPHIC SYMBOLS

Exploration Licence (EL) Boundary
Special Mining Lease (SML) Boundary
Aboriginal Sacred Site Boundary
Boundary - Area excluded from exploration by N.L.C.

NOTE:

Position only for background uranium
values between + and -1.00 ppm
are plotted

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

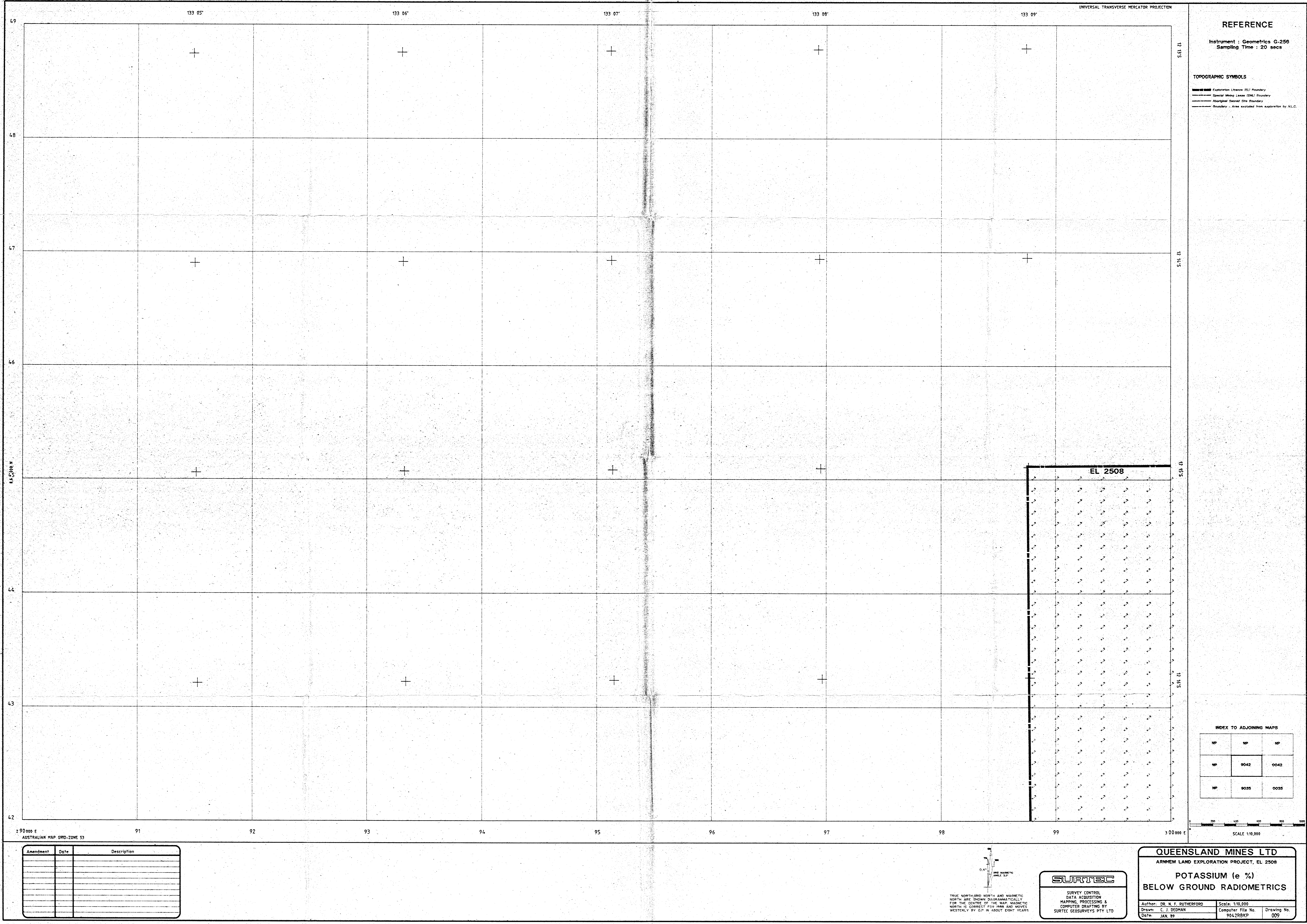
SCALE 1:10,000

Amendment	Date	Description

TRUE NORTH, GRID NORTH AND MAGNETIC
NORTH ARE SHOWN. MAGNETICALLY
FOR THE CENTRE OF THE MAP. MAGNETIC
NORTH IS CORRECT FOR 1988 AND MOVES
WESTERLY BY 0.1° IN ABOUT EIGHT YEARS

SURTEC
SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508
URANIUM (e ppm)
BELOW GROUND RADIOMETRICS
Author: DR. N. F. RUTHERFORD
Drawn: C. J. DEDMAN
Date: JAN. 89
Scale: 1:10,000
Computer File No.
9042RUP
Drawing No.
008



REFERENCE

Instrument : Geometrics G-256
Sampling Time : 20 secs

TOPOGRAPHIC SYMBOLS

- Exploration Licence (EL) Boundary
- Special Mining Lease (SML) Boundary
- Aboriginal Land (AL) Boundary
- Boundary - Area excluded from exploration by N.L.C.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

0 200 400 600 800 1000
SCALE 1:10,000

Amendment	Date	Description

TRUE NORTH GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1990 AND MOVES WESTERLY BY 0.1° IN ABOUT EIGHT YEARS.

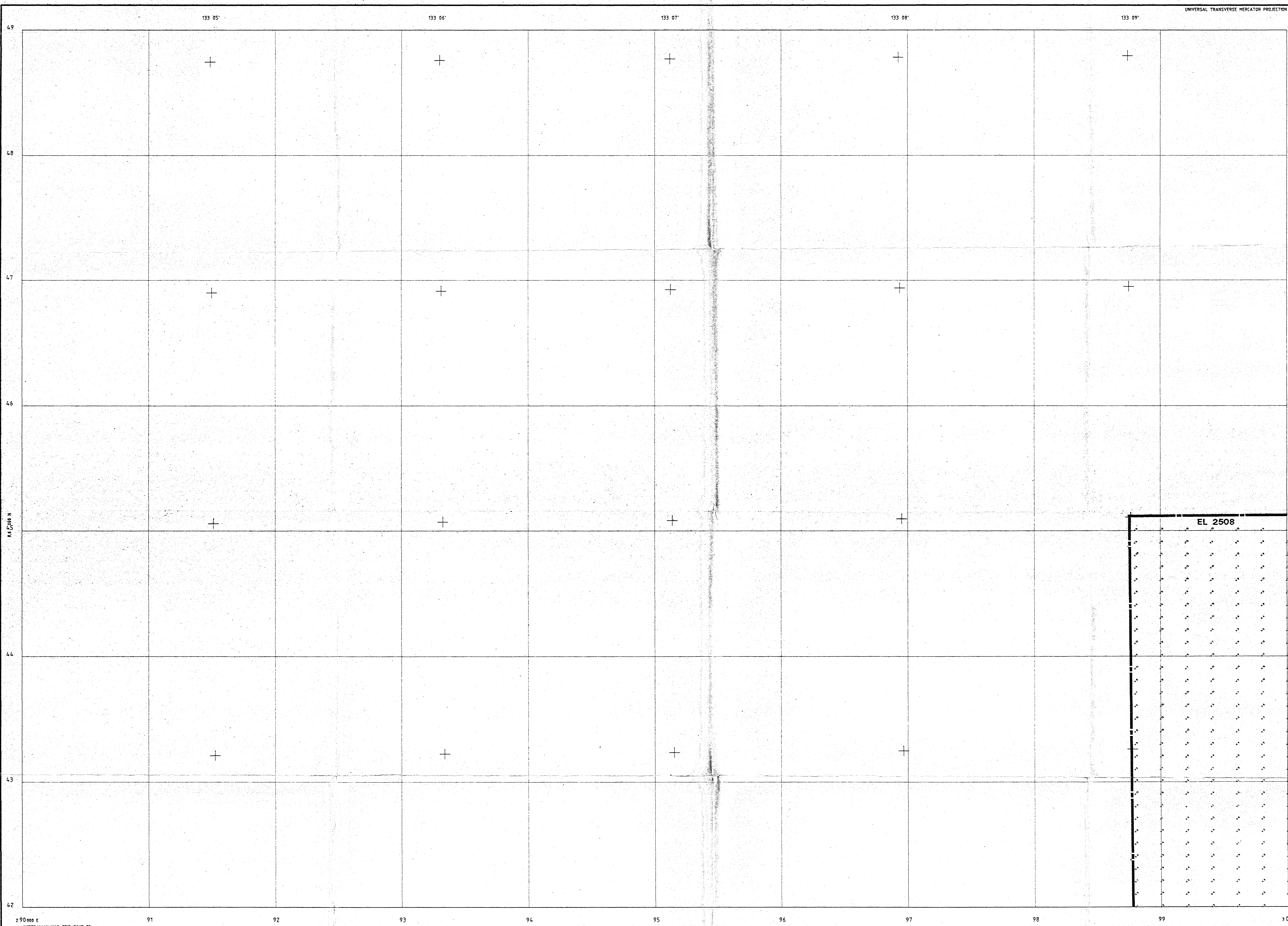
SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508
**POTASSIUM (e %)
BELOW GROUND RADIOMETRICS**

Author: DR. N. F. RUTHERFORD
Drawn: C. J. DEBRIAN
Date: JAN. 89

Scale: 1:10,000
Computer File No: 9042R8KP
Drawing No: 009



REFERENCE

Instrument : Geometrics G-256
Sampling Time : 20 secs

TOPOGRAPHIC SYMBOLS

- Exploration Licence (EL) Boundary
- Special Mining Lease (SML) Boundary
- Aboriginal Sacred Site Boundary
- Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

290000 E
AUSTRALIAN MAP GRID-ZONE 53

91

92

93

94

95

96

97

98

99

300000 E

SCALE 1:10,000

Amendment	Date	Description

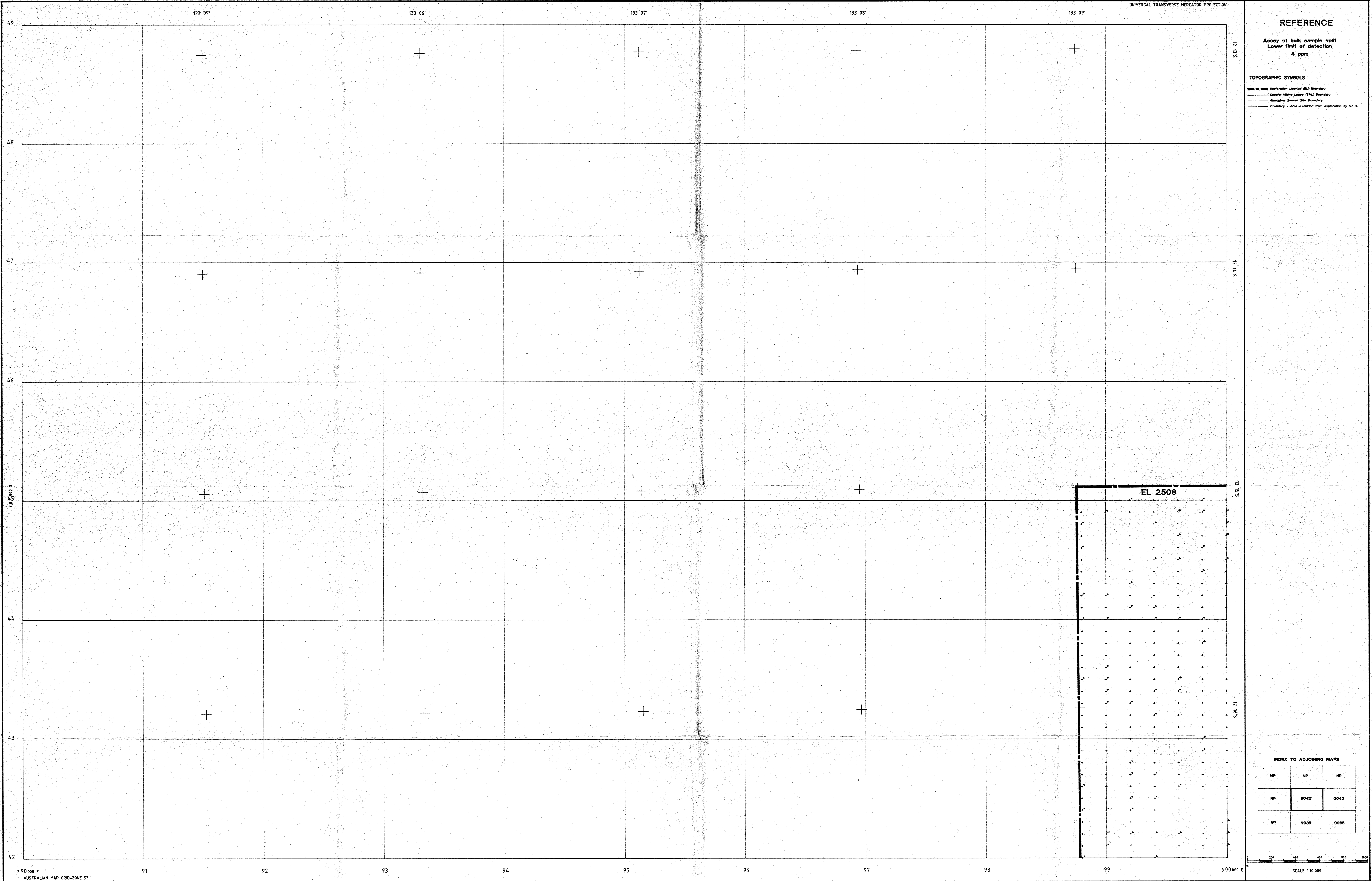
TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1988 AND MOVES WESTWARD BY 0.1° IN ABOUT EIGHT YEARS.

SURTEC
SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508

**THORIUM (e ppm)
BELOW GROUND RADIOMETRICS**

Author: DR. N. F. RUTHERFORD	Scale: 1:10,000
Drawn: C. J. DEDMAN	Computer File No. 9042RBTP
Date: JAN. 89	Drawing No. 010



REFERENCE

Assay of bulk sample split
Lower limit of detection
4 ppm

TOPOGRAPHIC SYMBOLS

Exploration Licence (EL) Boundary
Geological Mining Lease (GML) Boundary
Aboriginal Cultural Site Boundary
Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

SCALE 1:10,000

Amendment	Date	Description

TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1980 AND MOVES WESTERLY BY 0.1° IN ABOUT EIGHT YEARS.

SURTEC
SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508
**URANIUM (U ppm)
SOIL GEOCHEMISTRY**
Author: DR. N. F. RUTHERFORD
Drawn: C. J. DEEDMAN
Date: JAN. 89
Scale: 1:10,000
Computer File No: 9042AUP
Drawing No: 011



REFERENCE
Assay of bulk sample split
Lower limit of detection
4 ppm

TOPOGRAPHIC SYMBOLS
Exploration Licence (EL) Boundary
Quadrangle Mining Lease (QML) Boundary
Aboriginal Land Boundary
Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

SCALE 1:10,000

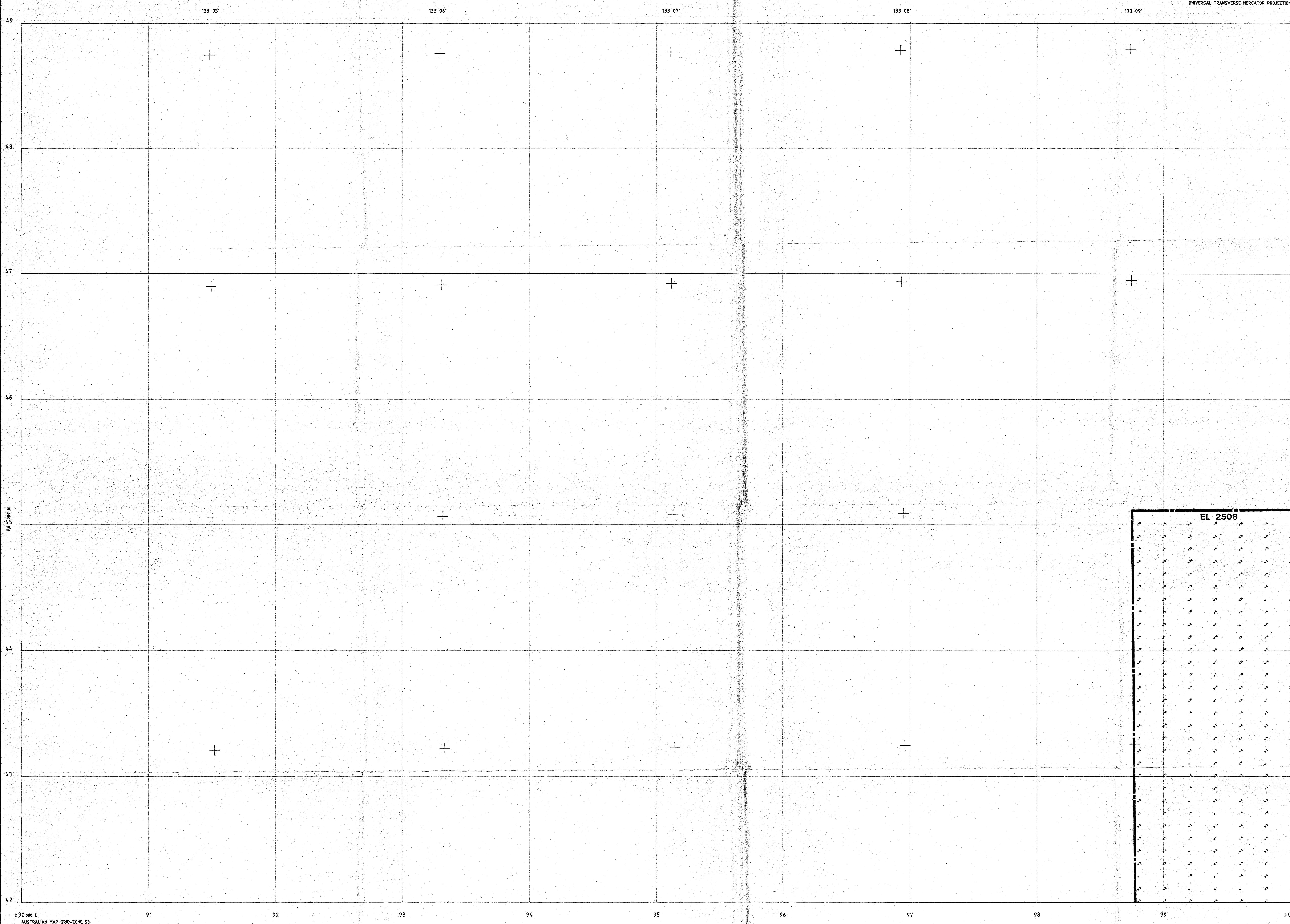
Amendment	Date	Description

TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN. MAGNETIC NORTH IS CORRECT FOR 1980 AND MOVES WESTWARD BY 0.1° IN ABOUT EIGHT YEARS.

SURTEC
SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARMHEM LAND EXPLORATION PROJECT, EL 2508
**THORIUM (Th ppm)
SOIL GEOCHEMISTRY**

Author: DR. N. E. RUTHERFORD	Scale: 1:10,000	Drawing No.
Drawn: C. J. DEDMAN	Computer File No. 9042ATHP	012
Date: JAN. 89		



REFERENCE

Assay of bulk sample split
Lower limit of detection
2 ppm

TOPOGRAPHIC SYMBOLS

Exploration Licence (EL) Boundary
Special Mining Lease (SML) Boundary
Aboriginal Tenured Site Boundary
Boundary - Area excluded from exploration by N.L.D.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

SCALE 1:10,000

Amendment	Date	Description

TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1990 AND MOVES WESTERLY BY 0.1° IN ABOUT EIGHT YEARS.

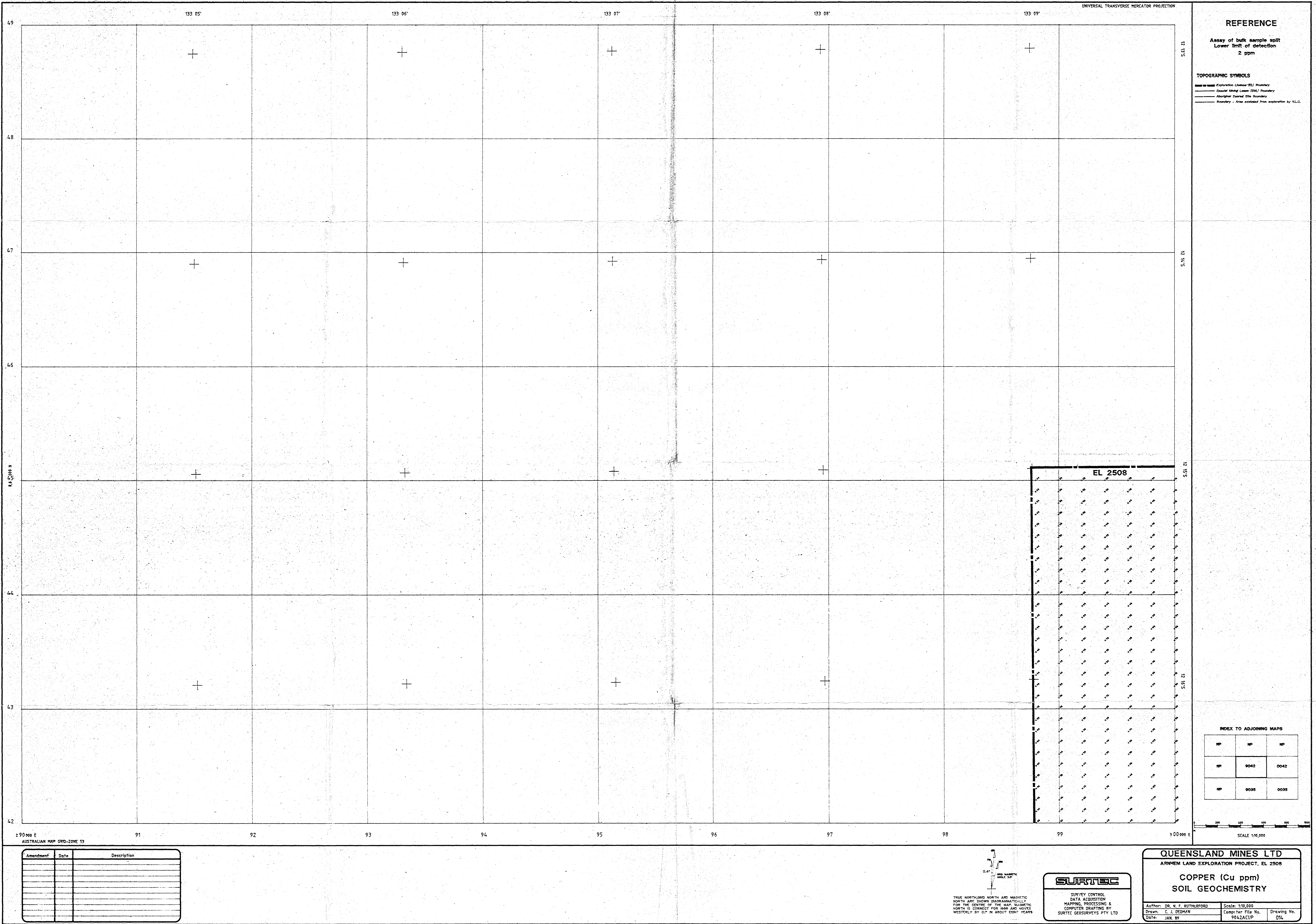
SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508

**ARSENIC (As ppm)
SOIL GEOCHEMISTRY**

Author: DR. N. F. RUTHERFORD	Scale: 1:10,000
Drawn: C. J. DEEMAN	Computer File No. 9042AASP
Date: JAN. 89	Drawing No. 013



REFERENCE

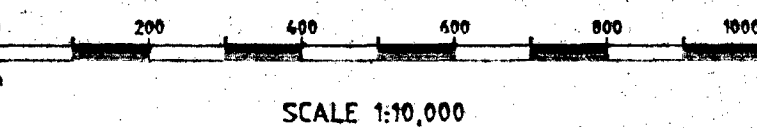
Assay of bulk sample split
Lower limit of detection
2 ppm

TOPOGRAPHIC SYMBOLS

- Exploration Licence (EL) Boundary
- State Mining Lease (SML) Boundary
- Aboriginal Sacred Site Boundary
- Boundary - Area excluded from exploration by N.L.G.

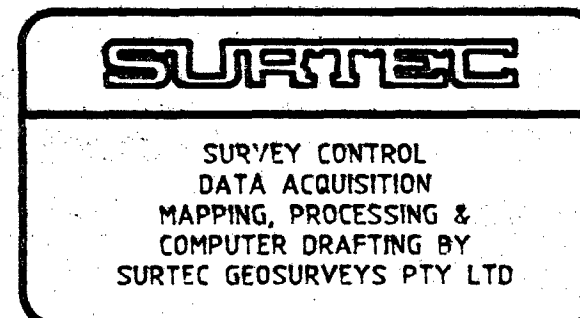
INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035



Amendment	Date	Description

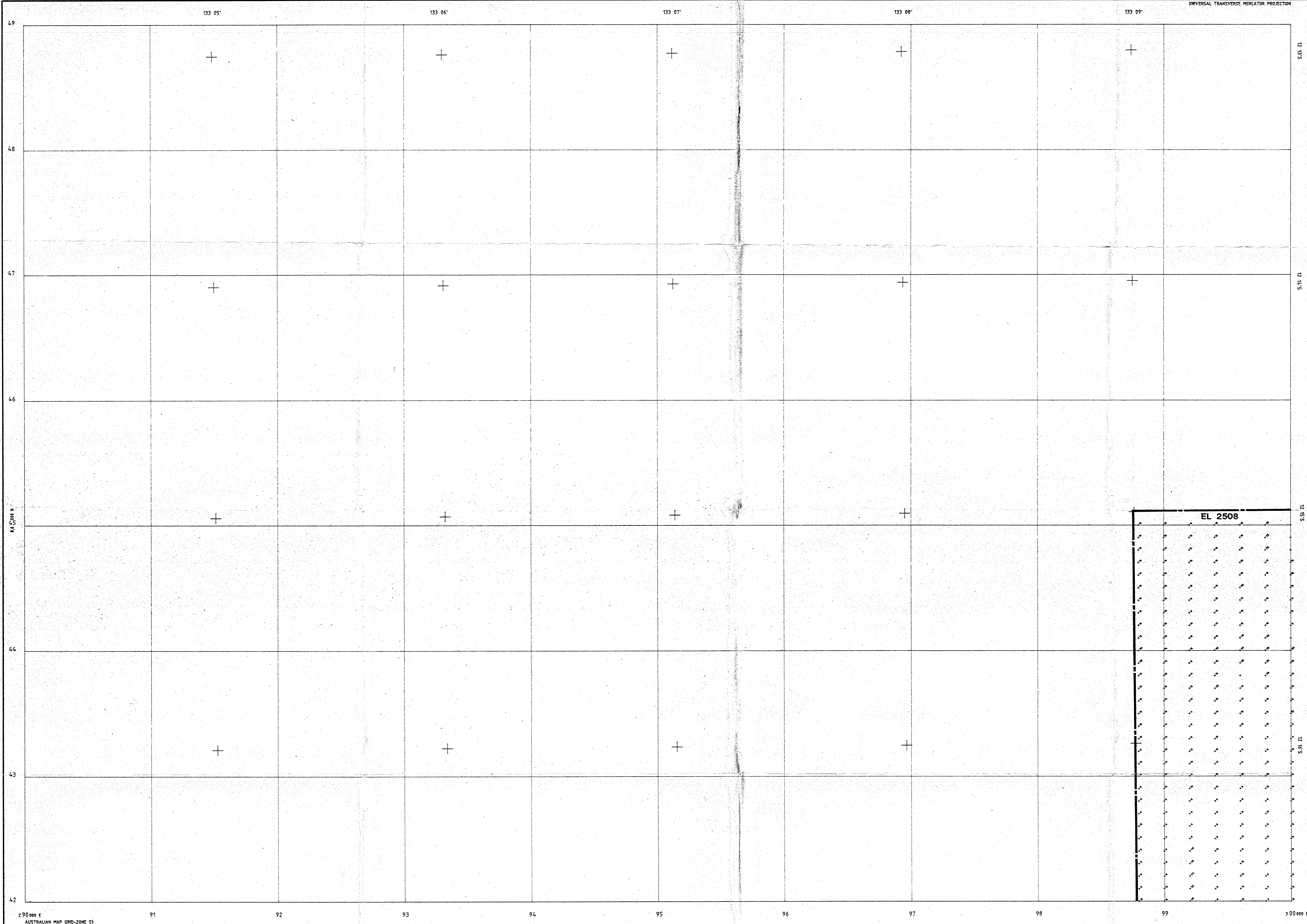
TRUE NORTH, NORTH AND MAGNETIC NORTH ARE SHOWN DIAGONALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1980 AND MOVES WESTERLY BY 0.1° IN ABOUT EIGHT YEARS.



QUEENSLAND MINES LTD
ARMHEM LAND EXPLORATION PROJECT, EL 2508
**COPPER (Cu ppm)
SOIL GEOCHEMISTRY**

Author: DR. N. F. RUTHERFORD
Drawn: C. J. DEWMAN
Date: JAN. 89

Scale: 1:10,000
Computer File No. 9042ACUP
Drawing No. 016



REFERENCE

Assay of bulk sample split
Lower limit of detection
4 ppm

TOPOGRAPHIC SYMBOLS

- Exploration Licence (EL) Boundary
- Shaded Mining Lease (SML) Boundary
- Aboriginal Sacred Site Boundary
- Boundary - Area excluded from exploration by N.L.C.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

SCALE 1:10,000

Amendment	Date	Description

TRUE NORTH, NORTH AND MAGNETIC NORTH ARE SHOWN. MAGNETIC NORTH IS CORRECT FOR 1984 AND MOVES WESTERLY BY 0.7" IN ABOUT EIGHT YEARS.

SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYING PTY LTD

QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508

LEAD (Pb ppm)
SOIL GEOCHEMISTRY

Author: DR. N. F. RUTHERFORD
Drawn: C. J. DODMAN
Date: JAN. 89

Scale: 1:10,000
Computer File No. 9042APBP
Drawing No. 015

REFERENCE

Assay of bulk sample split
Lower limit of detection
2 ppm

TOPOGRAPHIC SYMBOLS

Exploration Licence (EL) Boundary
Special Mining Lease (SML) Boundary
Aboriginal Land Use Boundary
Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

SCALE 1:10,000

QUEENSLAND MINES LTD

ARNHEM LAND EXPLORATION PROJECT, EL 2508

ZINC (Zn ppm)
SOIL GEOCHEMISTRY

Author: DR. N. F. RUTHERFORD

Drawn: C. J. DEDMAN

Date: JAN. 89

Scale: 1:10,000

Computer File No.

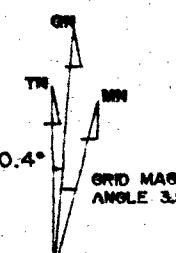
9042AZNP

Drawing No.

016

SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD



TRUE NORTH AND MAGNETIC
NORTH ARE SHOWN. MAGNETIC
NORTH IS CORRECT FOR 1980 AND MOVES
WESTERLY BY 0.4° IN ABOUT EIGHT YEARS



2 90 000 E
AUSTRALIAN MAP GRID-ZONE 53

91

92

93

94

95

96

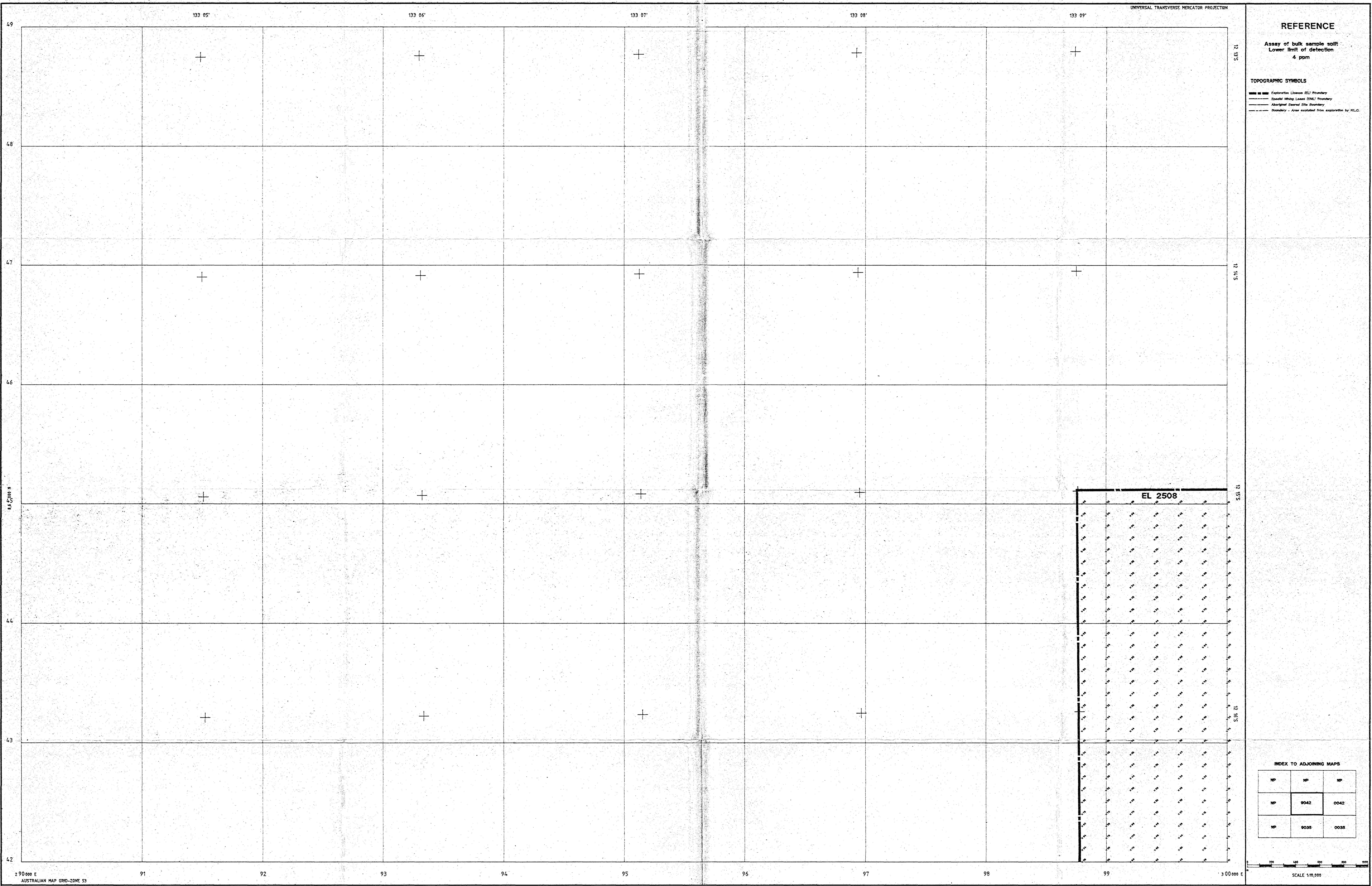
97

98

99

3 00 000 E

Amendment	Date	Description



REFERENCE

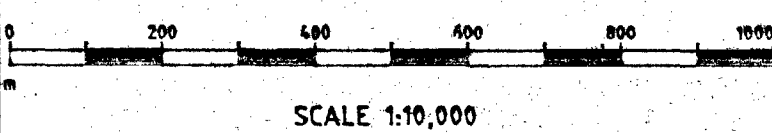
Assay of bulk sample soil
Lower limit of detection
4 ppm

TOPOGRAPHIC SYMBOLS

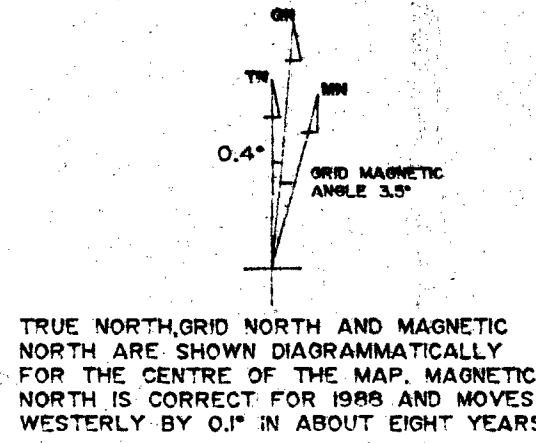
Exploration Licence (EL) Boundary
Special Mining Lease (SML) Boundary
Aboriginal Stated Site Boundary
Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035



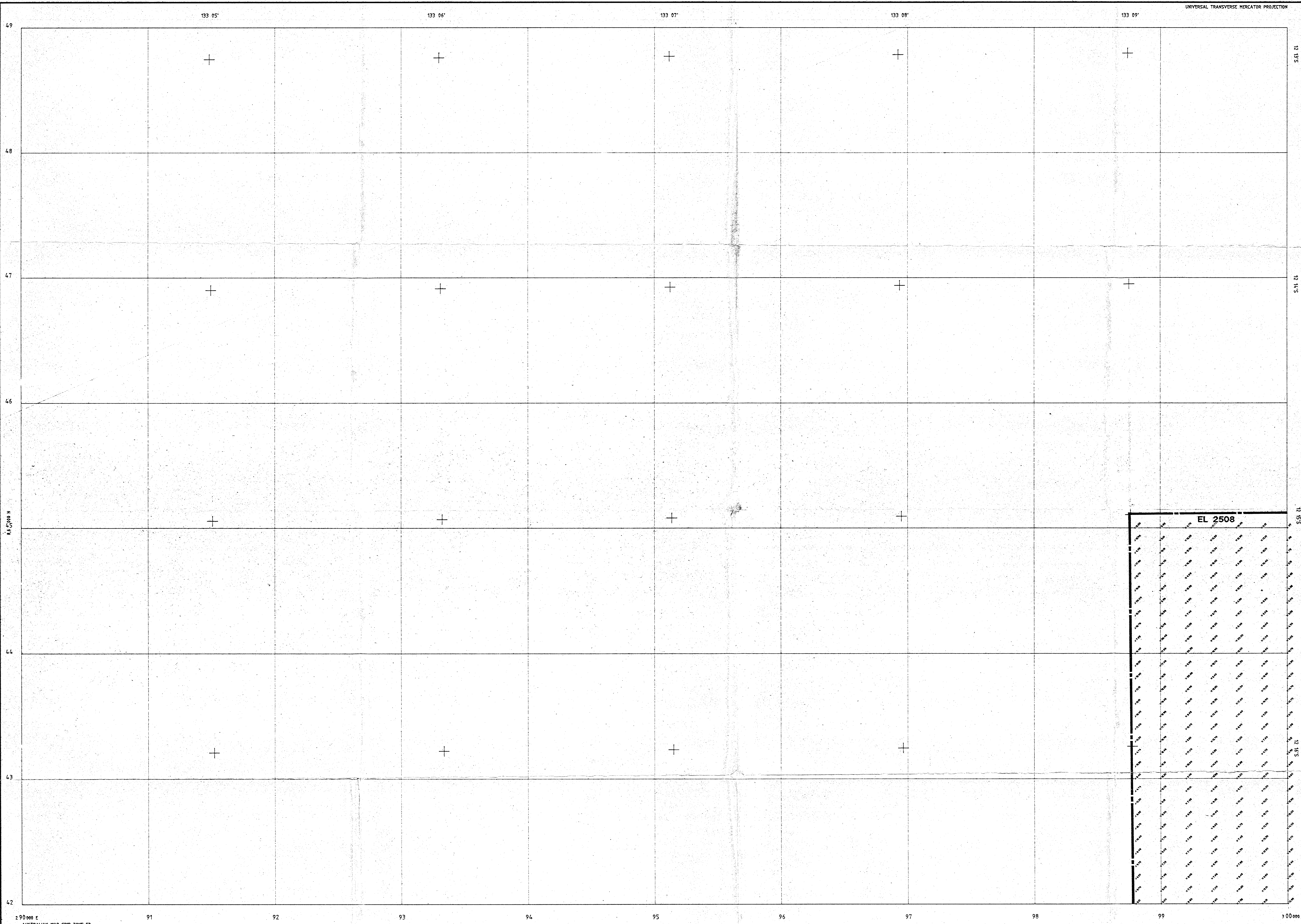
Amendment	Date	Description



SURTEC
SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD
ARMHEM LAND EXPLORATION PROJECT, EL 2508
**NICKEL (Ni ppm)
SOIL GEOCHEMISTRY**

Author: DR. N. P. RUTHERFORD	Scale: 1:10,000
Drawn: C. J. DEEDMAN	Computer File No. 9042ANIP
Date: JAN 89	Drawing No. 017



REFERENCE

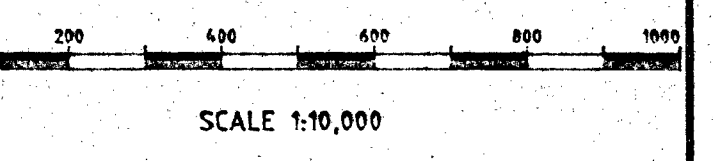
Assay of bulk sample split
Lower limit of detection
0.01 %

TOPOGRAPHIC SYMBOLS

- Exploration Licence (EL) Boundary
- Geological Mining Lease (GML) Boundary
- Aboriginal Claim Site Boundary
- Boundary - Area excluded from exploration by N.L.C.

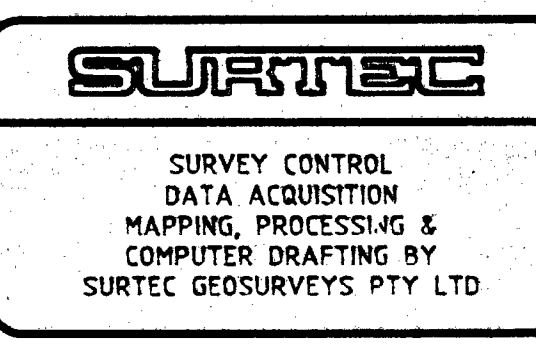
INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035



Amendment	Date	Description

TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN. MAGNETIC NORTH IS CORRECT FOR 1990 AND MOVES WESTERLY BY 0.1° IN ABOUT EIGHT YEARS.

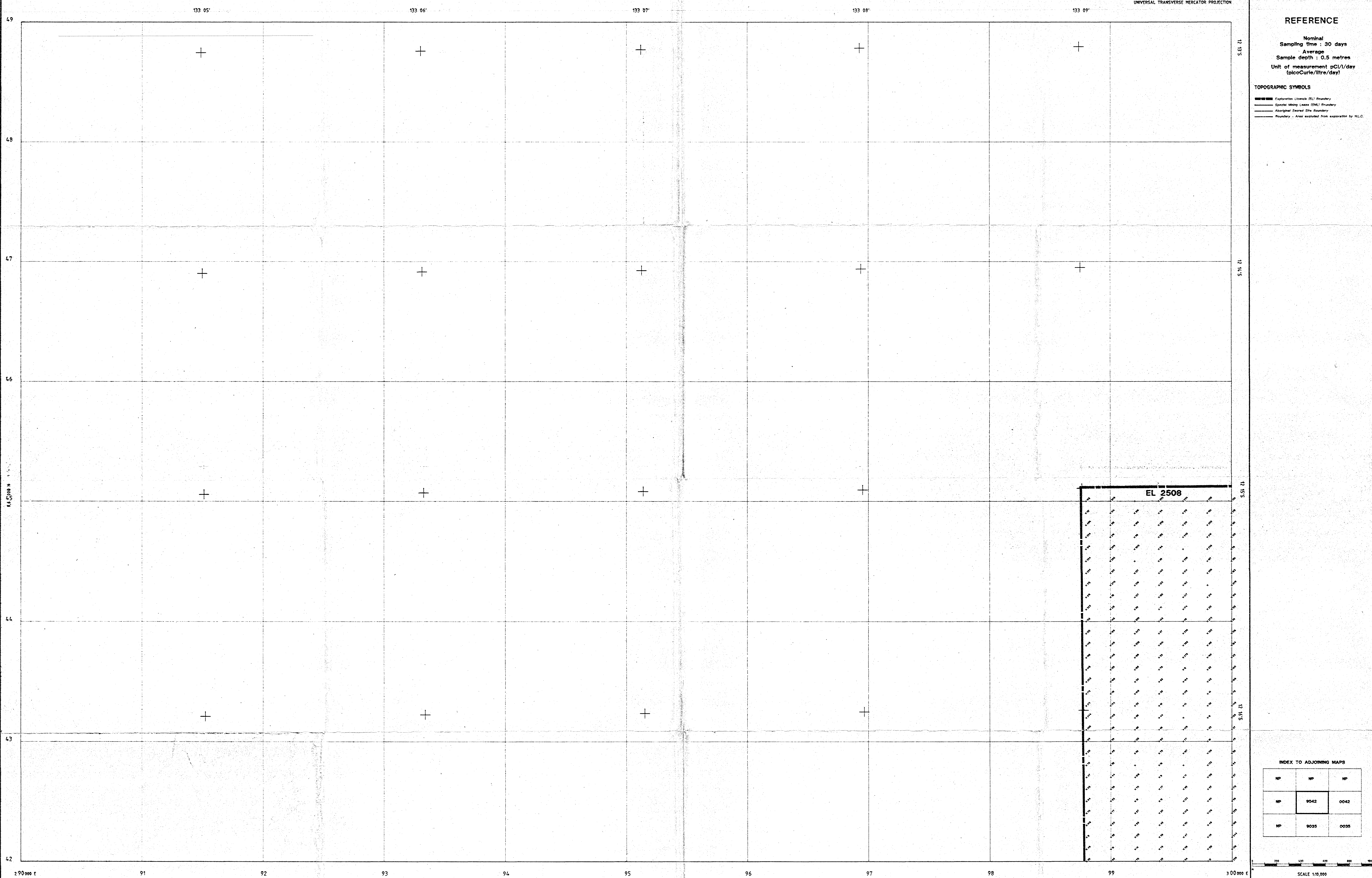


QUEENSLAND MINES LTD
ARNHEM LAND EXPLORATION PROJECT, EL 2508

IRON (Fe %)
SOIL GEOCHEMISTRY

Author: DR. N. F. RUTHERFORD
Drawn: C. J. DEEDMAN
Date: JAN89

Scale: 1:10,000
Computer File No. 9042AFEP
Drawing No. 018



REFERENCE

Nominal
Sampling time : 30 days
Average
Sample depth : 0.5 metres
Unit of measurement pCi/l/day
(picoCurie/litre/day)

TOPOGRAPHIC SYMBOLS

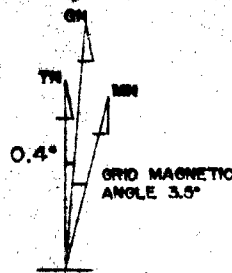
Exploration Licence (EL) Boundary
Special Mining Lease (SML) Boundary
Aboriginal Sacred Site Boundary
Boundary - Area excluded from exploration by N.L.G.

INDEX TO ADJOINING MAPS

NP	NP	NP
NP	9042	0042
NP	9035	0035

SCALE 1:10,000

Amendment	Date	Description



TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1988 AND MOVES WESTERLY BY 0.1 IN ABOUT EIGHT YEARS

SURTEC

SURVEY CONTROL
DATA ACQUISITION
MAPPING, PROCESSING &
COMPUTER DRAFTING BY
SURTEC GEOSURVEYS PTY LTD

QUEENSLAND MINES LTD

ARNHEM LAND EXPLORATION PROJECT, EL 2508

RADON (pCi/l/day)
(TRACK ETCH CUP TECHNIQUE)

Author: DR. N. F. RUTHERFORD
Drawn: C. J. DEWMAN
Date: JAN. 89

Scale: 1:10,000
Computer File No. 9042RN
Drawing No. 019