FEDERATION GRID BASELINE

E.L.11/76

S.P.L.129

OLD EZ GRID BASELINE

EAST HEEMSKIRK GRID

BASELINE TRIAL HARBOUR GRID

Cumberland Lake

Colemans

Sweeney's Mine

Orient Mine

Cumberland Creek

Little Henty River

Henty River

K.McDermott 90 M/72 4O

F.J.Griffiths 4M/73 4O

714362

82-1827
Vol 3/4

KEY

- >200
- 100 - 200
- 50 - 100
- 25 - 50

LEGEND

- Cut grid lines
- Walking track
- Cut grid lines, not located accurately

ZEEHAN C2/2	ZEEHAN D1/1
ZEEHAN C2/4	ZEEHAN D1/3

5 cm

RENISON LIMITED

ZEEHAN C2/4.

SOIL GEOCHEMISTRY (-180 µm)

ZINC IN P.P.M.

SCALE. 1:5,000 METRES

100 0 100 200 300

DRAWN	P.ROBERTS
TRACED	T.G.D.S.
DATE	JUNE 1981
SCALE	1:5,000
DRAWING No.	PLAN 9J

2241

E.L.11/76

S.P.L.129

FEDERATION GRID BASELINE

AGNEW GRID BASE LINE

EAST HEEMSKIRK GRID

OLD E.Z. GRID BASELINE

BASELINE TRIAL HARBOUR GRID

Coleman's

Cumberland Lake

Sweeney's Mine

Orient Mine

Cumberland Creek

Henty River

Little Henty River

Gallymore Creek

K. McDermott 90 MP72 4O

F.J. Griffiths 4M/73 4O

714363

KEY

>200	
100-200	
50-100	
25-50	

LEGEND

- Cut grid lines
- Walking track
- Cut grid lines, not located accurately

ZEEHAN C2/2	ZEEHAN D1/1
ZEEHAN C2/4	ZEEHAN D1/3

5 cm

RENISON LIMITED

ZEEHAN C2/4.

SOIL GEOCHEMISTRY (-180µm)

ARSENIC IN P.P.M.

SCALE. 1:5000 METRES

100 0 100 200 300

DRAWN	P. ROBERTS
TRACED	T.G.D.S.
DATE	JUNE 1981
SCALE	1:5,000
DRAWING No.	PLAN 9K

83-1837 (Vol 3/4)

2243

351600 E
351700 E
351800 E
351900 E
352000 E
5359000 N
5358900 N
5358800 N
5358700 N
5358600 N
5358500 N

Zone of argillic alteration defined by soil sample descriptions as brown, yellow or orange clays, sandy clays and clayey soils

Sn > 0.1% in soil
(?) subcropping mineralisation
max values: Sn 1820 ppm, Cu 185 ppm
Pb 190, Zn 600 ppm, As 850 ppm (in soil)
float; up to 0.16% Sn, 0.05% Zn, 29g/t Ag.

adit, entrance overgrown
running water at depth
sample: weathered silicified granite
1.1% Sn, Zn 0.01%, WO_3 0.02%

alluvial workings and remains of dwelling

FED 20 158·2m
FED 21 117·0m
FED 22 227·5m
FED 23 232·8

AM.1193
AM.1192
AM.1191
AM.1190
AM.1189
AM.1188
AM.1187
AM.1186
AM.1185

PM 18
PM 17
PM 16
PM 12

NOTE: CONTOUR INFORMATION IS NOT RELIABLE AND SHOULD ONLY BE USED AS FORM LINES.

- Coarse grained Red Granite.
- Altered coarse Red Granite - alteration includes: argillic : sericitic : greinenous.
- Medium coarse grained Red Granite.
- Medium grained porphyritic Red Granite.
- Mineralised coarse grained Red Granite - mineralization includes massive, semi massive or abundant pyrite sphalerite
- Mineralised coarse grained Red Granite with Tin >01%.
- Meduim - coarse grained White Granite
- Meduim grained White Granite
- Porphyritic phase associated with White Granite

5 cm

DATE	SVY.	AMENDMENT	F.B. REF.
JAN 82	S.W.	DIGITIZED CONTOURS FROM 1:2000 ADDED.	

82-1827 (Vol 414)

RENISON LIMITED

INTERPRETIVE GEOLOGY AND DRILLHOLE LOCATION PLAN

AGNEW GRID - ANOMALY 1

SCALE. 1:500. METRES

DRAWN	DJK
TRACED	DJK
DATE	JUNE 82
SCALE	
DRAWING No.	PLAN 10 (TF-10)

711364

2243

500 E
550 E
600 E
650 E
700 E
725 E
750 E
800 E
FED 20
FED 21
FED 22
FED 23
N.S.
714365
5 cm

82-1827
CVol 4 /4

RENISON LIMITED

AGNEW GRID

Sn SOIL GEOCHEMISTRY

ANOMALY NO. 1 2244

SCALE. 1:1000 METRES

DRAWN	
TRACED	
DATE	
SCALE	
DRAWING No.	
PLAN 11 A	

714366

5 cm

82-1827
(Vol 4/4)

RENISON LIMITED

AGNEW GRID

Cu SOIL GEOCHEMISTRY
ANOMALY NO. 1

2245

DRAWN	
TRACED	
DATE	
SCALE	
DRAWING No.	
PLAN 11 B	

SCALE. 1: 1000 METRES

500 E
550 E
600 E
650 E
700 E
725 E
750 E
800 E
FED 20
FED 21
FED 22
FED 23
714367
5 cm
82-1827
(Vol 4 14)
RENISON LIMITED
AGNEW GRID
Pb SOIL GEOCHEMISTRY
ANOMALY NO. 1
2246
SCALE. 1: 1000 METRES
DRAWN
TRACED
DATE
SCALE
DRAWING No.
PLAN 11 C

500 E
550 E
600 E
650 E
700 E
725 E
750 E
800 E
N.S.
FED 20
FED 21
FED 22
FED 23

714368

5 cm

82-1822
(Vol 4 /4)

RENISON LIMITED

AGNEW GRID

Zn SOIL GEOCHEMISTRY

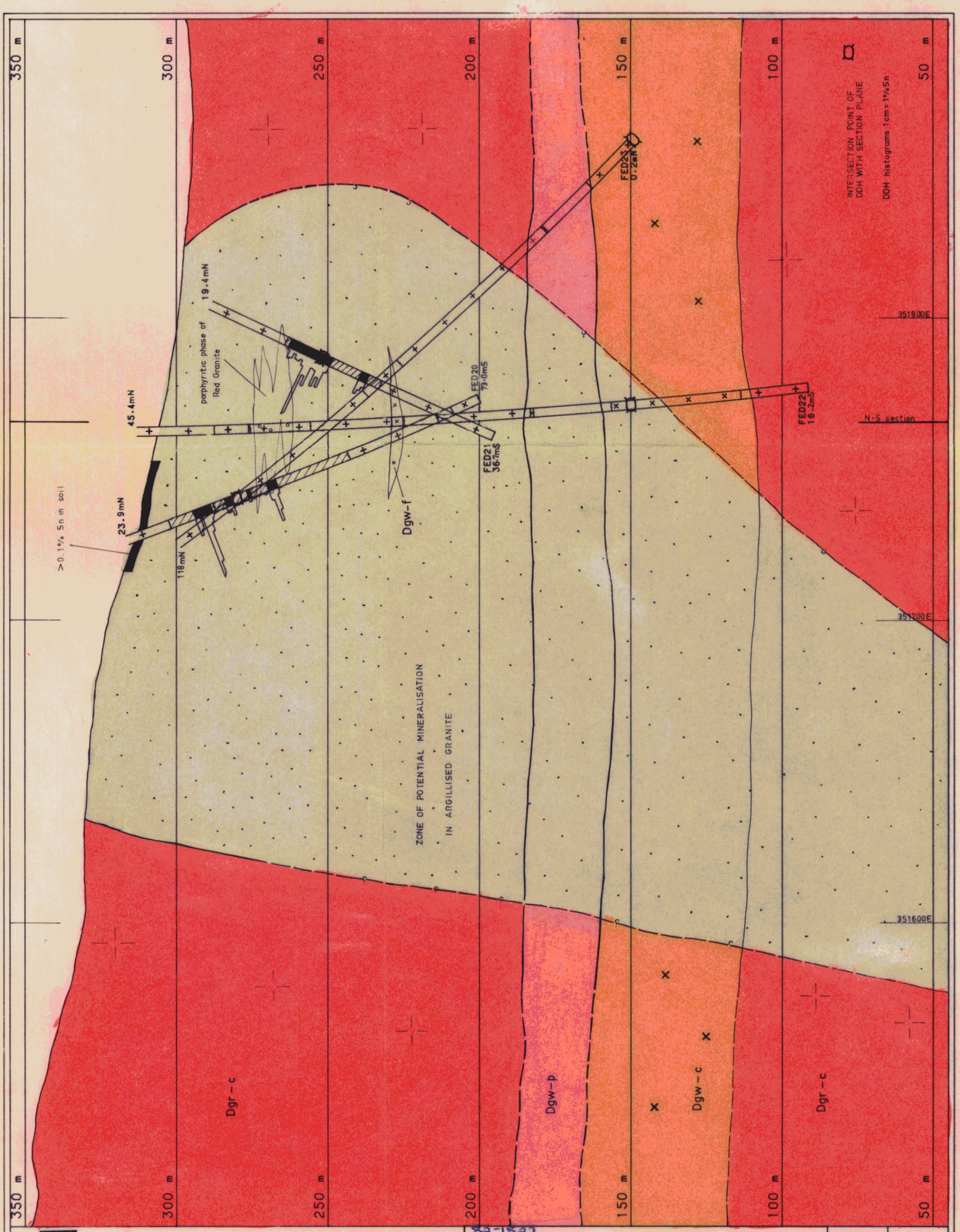
ANOMALY NO. 1

2247

SCALE. 1: 1000 METRES

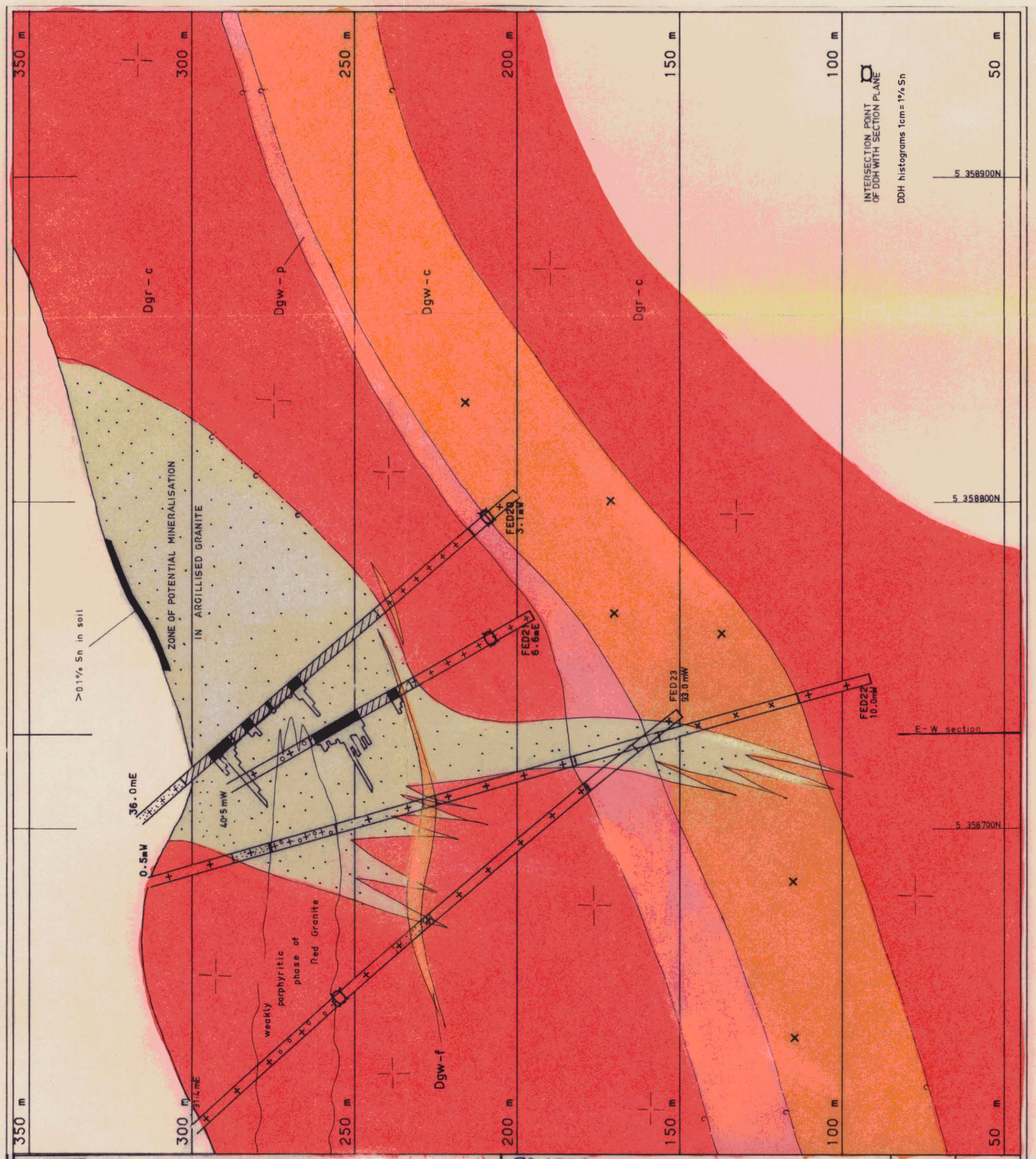
DRAWN	
TRACED	
DATE	
SCALE	
DRAWING No.	
PLAN 11D	

500 E
550 E
600E
650E
700E
725E
750E
800 E
FED 20
FED 22
FED 23
714369
5 cm
82-1827
(Vol 4 /4)
RENISON LIMITED
AGNEW GRID
As SOIL GEOCHEMISTRY
ANOMALY NO. 1
2248
SCALE. 1:1000 METRES
DRAWN
TRACED
DATE
SCALE
DRAWING No.
PLAN 11E



83-1827
CV01 4/4)

2249


350 m
300 m
250 m
200 m
150 m
100 m
50 m
INTERSECTION POINT OF DDH WITH SECTION PLANE
DDH histograms 1cm = 1% Sn
5 358900N
5 358800N
5 358700N
E-W section
Dgr - c
Dgw - p
Dgw - c
Dgw - f
ZONE OF POTENTIAL MINERALISATION
IN ARGILLISED GRANITE
>0.1% Sn in soil
weakly porphyritic phase of Red Granite
FED20 3.1mW
FED21 6.6mE
FED23 93.0mW
FED22 10.0mW
36.0mE
40.5mW
0.5mW
31.4mE
>0.1% Sn
Sulphide bearing sericitised and and argillised granite
Coarse grained Red Granite (Dgr-c)
Coarse grained White Granite (Dgw-c)
Porphyritic fine grained White Granite (Dgw-p)
Fine grained White Granite (Dgw-f)
5 cm
82-1827
(Vol 4)
RENISON LIMITED
AGNEW GRID ANOMALY 1
NORTH - SOUTH SECTION
714371
BEARING 000 AMG ON 351765E
LOOKING WEST
20.0 10.0 0.0 10.0 20.0 30.0 40.0 50.0
DRAWN ESCS
TRACED ESCS
DATE 5JUL82
SCALE 1:1000
DRAWING NO.
PLAN 13
2250
2250

2251

353 200 E
353 300 E
353 400 E
353 500 E
353 600 E

5 359 500 N
5 359 400 N
5 359 300 N
5 359 200 N
5 359 100 N
5 359 000 N

00 BASELINE
00 E
40 E
80 E
120 E
160 E
200 E
240 E
320 E
55 S
80 S
210 S
270 S
450 S
EHG 2750 N
EHG 2700N
100E
150 E
150 S
250 E
300 E
350 E
30N
30S
500 W
600W
550W/2750N
350 W

TH8
TH9
TH 7

AM 850
AM 851
AM 849
AM 848
AM 847
AM 845
AM 852
AM 844
AM 836
AM 843
AM 842
AM 841
AM 839
AB 499
AB 498
AB 497

PM 19
PM 20
PM 21
PM 22
PM 23
PM 24
PM 25
PM 26
PM 27
PM 28
PM 29

BL 747
BL 748
BL 749
BL 750
BL 751

714372

82-1827
(Vol 4 of 4)

LEGEND

- Potentially economic Sn and/or Ag grades *
- Tourmaline alteration
- Greisenised granite
- Argillic alteration
- Fine grained porphyritic granite
- Coarse grained White Granite
- Fine grained White Granite
- Medium to coarse grained Red Granite

*see Section 7.2.4

Tourmaline veining; near vertical

Jointing and Greisen veining; near vertical or steeply dipping as shown

5 cm

RENISON LIMITED

GLOBE MINE AREA

INTERPRETIVE GEOLOGY AND DRILLHOLE LOCATION

2251

SCALE. 1:500 METRES

DRAWN	D.J.K.
TRACED	
DATE	JUNE 82
SCALE	
DRAWING No.	

PLAN 14

I.P. Data

Geochemistry

PPM

As (10 ppm.

I.P. Data

GRADIENT ARRAY

CHARGEABILITY IN MILLIVOLTS / VOLT (—)

RESISTIVITY IN Ohm - METRES (- - -)

POLE - DIPOLE OR DIPOLE - DIPOLE

RESISTIVITY (Ωm)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

POLE - DIPOLE

CHARGEABILITY (ms/v)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

Total Magnetic Field (γ)

62 600
62 500
62 400
62 300
62 200
62 100

Topography & Geology

HEIGHT ABOVE SEA LEVEL - (METRES)

400
375
350
325

CREEK

714373

30S 00 30N 60N 90N 120N 150N 180N 210N 240N

I P DATA

CHARGEABILITY & RESISTIVITY

S Anomaly Letter number

MAGNETICS

5 cm

GEOCHEMISTRY

Sn
Cu
Pb
Zn
As (10ppm

GEOLOGY

ALTERATION

Quartz and topaz and / or tourmaline
Total tourmalinization, accasionally with hematite
Hydrothermal
Collapse
Breccias
White alteration Dykes

Argillic alteration
'Green alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

LEGEND

ROCK TYPES

Aplite or microgranite
Fine grained
Medium grained
White granite

Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F Fault
Definite
Approximate
? Inferred
Geological boundaries

RENISON LIMITED	
GLOBE MINE GRID S.P.L. 129	
LINE OOE.	
SECTION LOOKING W	
SCALE. 1: 500 METRES (0 10 20 30)	PLAN 15A

DRAWN	G.P.S
TRACED	T.G.D.S.
DATE	Feb 1982
SCALE	1 500
DRAWING No.	

82-1827
(Vol 1 of 4)

2252

I. P. Data

Geochemistry

P P M

240 (Sn)

280 (Sn)

280 (Sn)

GRADIENT ARRAY

CHARGEABILITY IN MILLIVOLTS / VOLT (——)

RESISTIVITY IN Ohm - METRES (- - -)

60S 50S 30S 00 30N 60N 90N 120N 150N 180N 210N 240N

DIPOLE - DIPOLE

RESISTIVITY (Ωm)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

POLE - DIPOLE OR DIPOLE - DIPOLE

CHARGEABILITY (mv/v)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

Total Magnetic Field (γ)

Topography & Geology

HEIGHT ABOVE SEA LEVEL - (METRES)

CREEK

CREEK

714374

60S 50S 30S 00 30N 60N 90N 120N 150N 180N 210N 240N

I.P. DATA

CHARGEABILITY & RESISTIVITY

S Anomaly (etter number

5 cm

MAGNETICS

GEOCHEMISTRY

Sn
Cu
Pb
Zn
As

GEOLOGY

ALTERATION

Quartz and topaz and / or tourmaline
Total tourmalinization, occasionally with hematite
Hydrothermal
Collapse
Breccias
White Alteration "Dykes"

Argillic alteration
"Green" alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

LEGEND

ROCK TYPES

Aplite or microgranite
Fine grained
Medium grained
White granite

Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F —— F Fault
Definite
Approximate
—?— Inferred
Geological boundaries

82-1807
(Vol 4 Lg)

RENISON LIMITED

GLOBE MINE GRID S.P.L. 129

LINE 40E. 2253

SECTION LOOKING W.

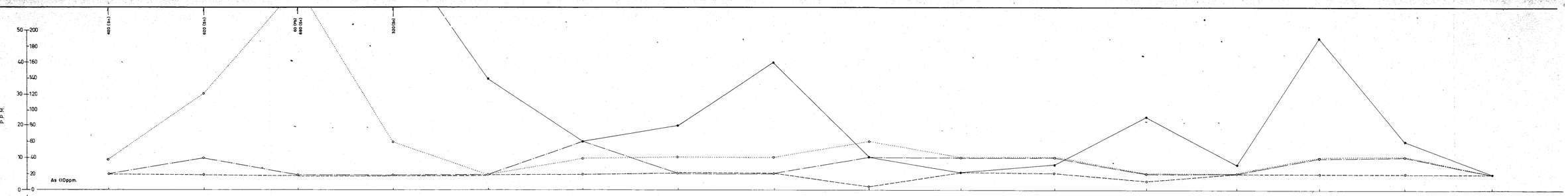
SCALE. 1: 500 METRES

10 0 10 20 30

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb. 1982
SCALE	1: 500
DRAWING No.	PLAN 15B

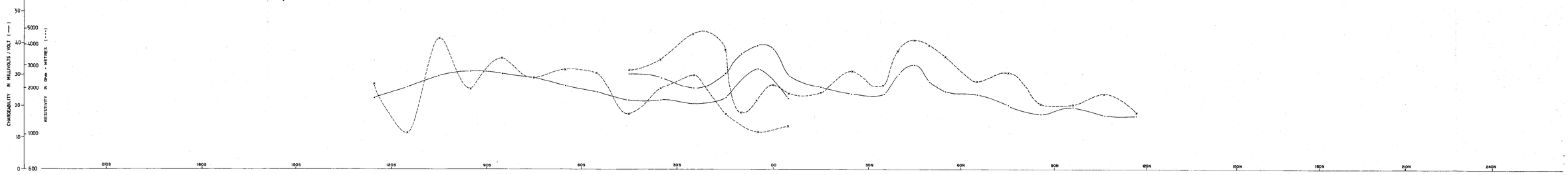
I.P. Data

Geochemistry P.P.M.



GRADIENT ARRAY

CHARGEABILITY IN MILLIVOLTS / VOLT (——)
RESISTIVITY IN Ohm - METRES (- - -)



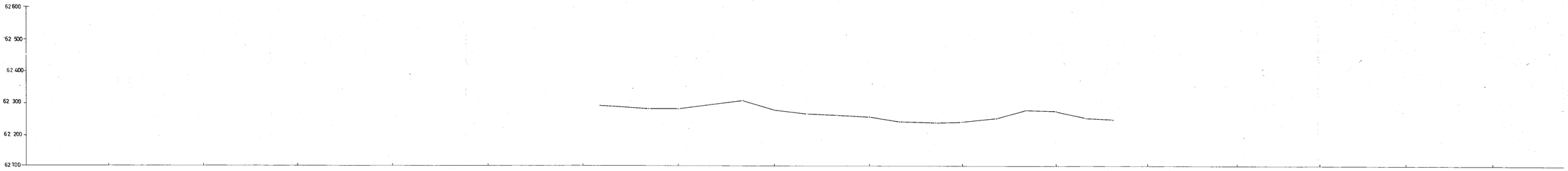
POLE - DIPOLE OR DIPOLE - DIPOLE RESISTIVITY (Ωm)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

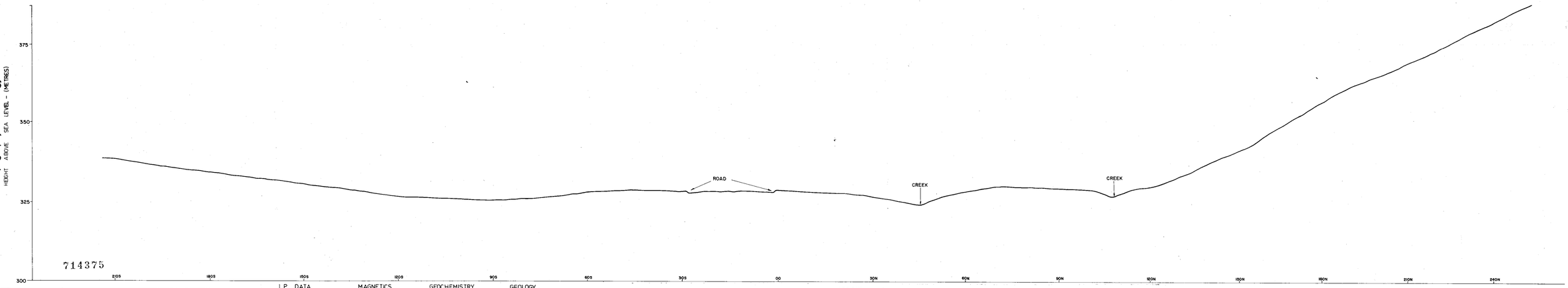
POLE - DIPOLE OR DIPOLE - DIPOLE CHARGEABILITY (mv/v)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

Total Magnetic Field (γ)



Topography & Geology HEIGHT ABOVE SEA LEVEL - (METRES)



(Vol 4 14) RENISON LIMITED

GLOBE MINE GRID S.P.L. 129

LINE 80E. 2254

SECTION LOOKING W.

SCALE 1: 500 METRES 10 0 10 20 30

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb.1982
SCALE	1:500
DRAWING No.	PLAN 15C

I.P. DATA

CHARGEABILITY & RESISTIVITY

S Anomaly Letter number

5 cm

MAGNETICS

GEOCHEMISTRY

Sn
Cu
Pb
Zn
As x10ppm

GEOLOGY

ALTERATION

Quartz and topaz and/or tourmaline
Total tourmalinization, occasionally with hematite
Hydrothermal
Collapse
Breccias
White alteration "dykes"
Argillic alteration
"Green" alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

LEGEND

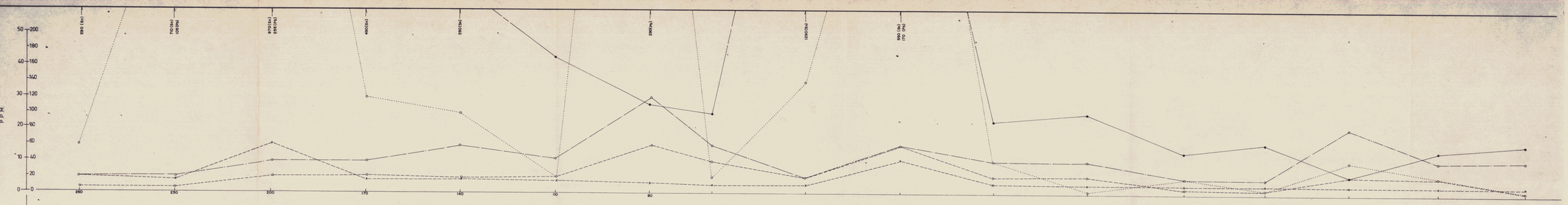
ROCK TYPES

Aplite or microgranite
Fine grained
Medium grained
White granite
Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F —— F Fault
Definite
Approximate
Inferred
Geological boundaries

Geochemistry

P P M

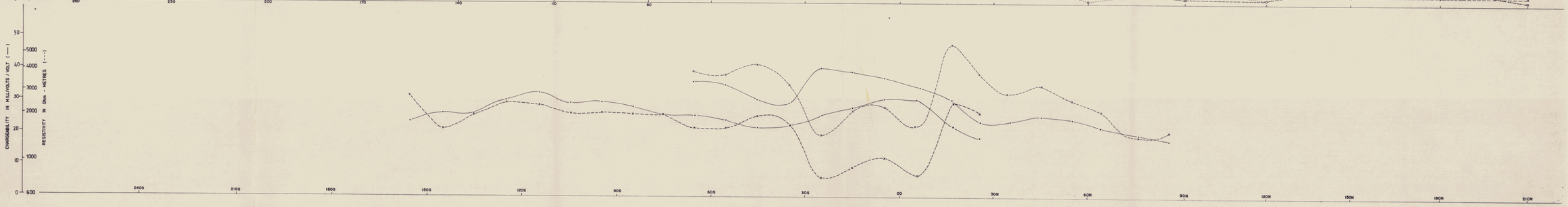


I.P. Data

GRADIENT ARRAY

CHARGEABILITY IN MILLIVOLTS / VOLT (——)

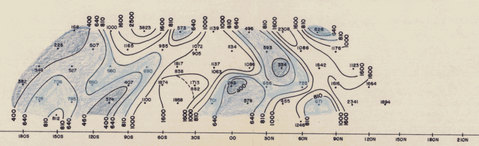
RESISTIVITY IN Ohm - METRES (- - -)



POLE - DIPOLE OR DIPOLE - DIPOLE

RESISTIVITY (Ωm)

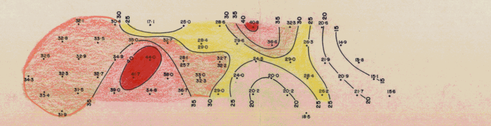
— n = 1
— n = 2
— n = 3
— n = 4
— n = 5



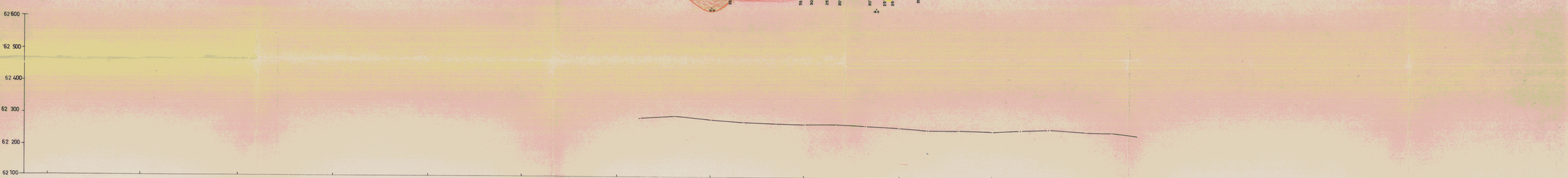
POLE - DIPOLE

CHARGEABILITY (mv/v)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

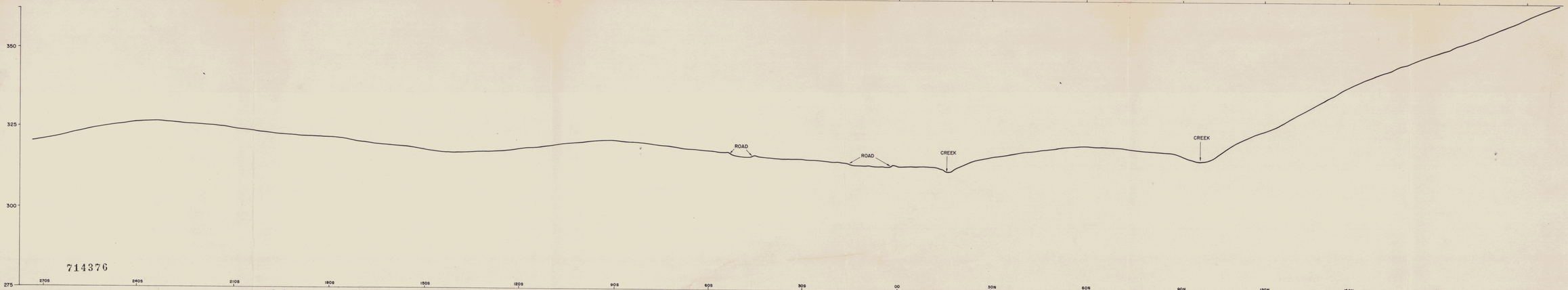


Total Magnetic Field (γ)



Topography & Geology

HEIGHT ABOVE SEA LEVEL - (METRES)



714376

RENISON LIMITED

GLOBE MINE GRID S.P.L. 129

LINE 120E.

SECTION LOOKING W

SCALE. 1: 500 METRES

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb. 1982.
SCALE	1: 500
DRAWING No.	PLAN 15D

I.P. DATA

CHARGEABILITY & RESISTIVITY

Gradient Array

S Anomaly Letter number

5 cm

MAGNETICS

GEOCHEMISTRY

Sn
Cu
Pb
Zn
As
W

GEOLOGY

ALTERATION

Quartz and topaz and / or tourmaline
Total tourmalinization, occasionally with hematite
Hydrothermal
Collapse
Breccias
White Alteration Dykes'
Argillic alteration
"Green" alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

LEGEND

ROCK TYPES

Aplite or metagranite
Fine grained
Medium grained
White granite
Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F F Fault
Definite
Approximate
Inferred
Geological boundaries

2255

Geochemistry P.P.M.

As (10ppm.

I.P. Data

GRADIENT ARRAY

CHARGEABILITY IN MILLIVOLTS / VOLT (——)

RESISTIVITY IN Ohm - METRES (- - -)

90S 60S 30S 00 30N 60N 90N 120N 150N 180N 210N 240N 270N 300N

POLE - DIPOLE OR DIPOLE - DIPOLE

RESISTIVITY (Ωm)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

CHARGEABILITY (mv/v)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

Total Magnetic Field (γ)

62 600
62 500
62 400
62 300
62 200
62 100

Topography & Geology

HEIGHT ABOVE SEA LEVEL - (METRES)

350
325
300
275

ROAD
ROAD
CREEK
CREEK

714377

82-1827
(Vol 4 of 4)

RENISON LIMITED

GLOBE MINE GRID S.P.L. 129

LINE 160E. (NTH.)

SECTION LOOKING W.

SCALE 1: 500 METRES

10 0 10 20 30

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb. 1982
SCALE	1: 500
DRAWING No.	PLAN 15E

I.P. DATA

CHARGEABILITY & RESISTIVITY

Gradient Array

S Anomoly Letter number

5 cm

MAGNETICS

GEOCHEMISTRY

Sn
Cu
Pb
Zn
As (10ppm

GEOLOGY

ALTERATION

Quartz and topaz and / or tourmaline
Total tourmalinization, occasionally with hematite
Hydrothermal
Collapse
Breccias
White alteration 'Dykes'
Argillic alteration
"Green" alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

LEGEND

ROCK TYPES

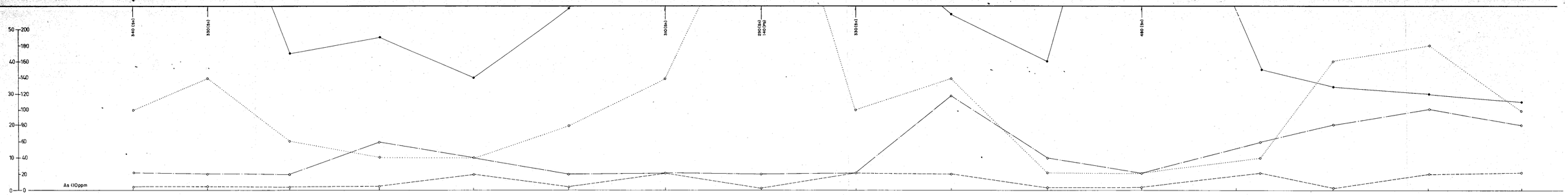
Aplite or microgranite
Fine grained
Medium grained
White granite
Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F — F Fault
Definite
Approximate
Inferred
Geological boundaries

2256

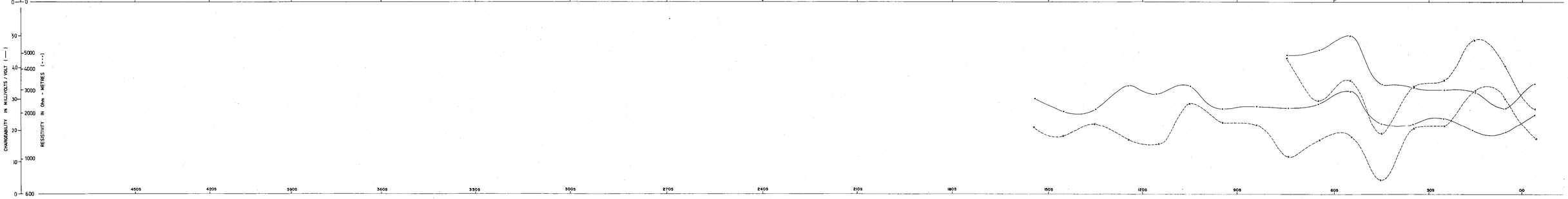
I.P. Data

Geochemistry P.P.M.



GRADIENT ARRAY

CHARGEABILITY IN MILLIVOLTS / VOLT (——)
RESISTIVITY IN Ohm - METRES (- - -)



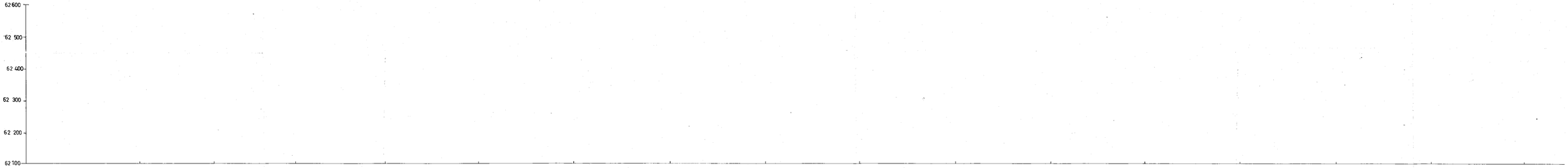
DIPOLE - DIPOLE RESISTIVITY (Ωm)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

POLE - DIPOLE OR DIPOLE - DIPOLE CHARGEABILITY (mv/v)

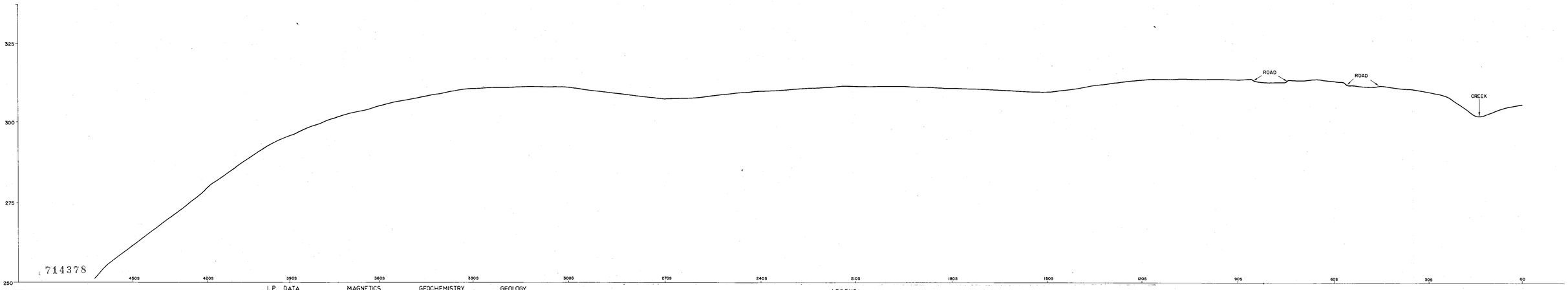
— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

Total Magnetic Field (γ)



Topography & Geology

HEIGHT ABOVE SEA LEVEL - (METRES)



I.P. DATA
CHARGEABILITY & RESISTIVITY
——— Gradient Array
S Anomaly Letter number

MAGNETICS
5 cm

GEOCHEMISTRY
Sn
Cu
Pb
Zn
As (10ppm

GEOLOGY

ALTERATION
- Quartz and topaz and / or tourmaline
- Total tourmalinization, occasionally with hematite
- Hydrothermal
- Collapse
- Breccias
- White Alteration Dykes
- Argillic alteration
- "Green" alteration (sericitized granite) generally with hematite or pyrite
- Quartz - mica greisen
- Area of tourmaline nodules

LEGEND

ROCK TYPES
- Aplite or microgranite
- Fine grained
- Medium grained
- White granite
- Porphyritic granite
- Medium grained
- Coarse grained
- Red granite

- Major lineament
- F —— F Fault
- Definite
- Approximate
- ?— Inferred
- Geological boundaries

(80-1827/14) (Vol 4)

RENISON LIMITED

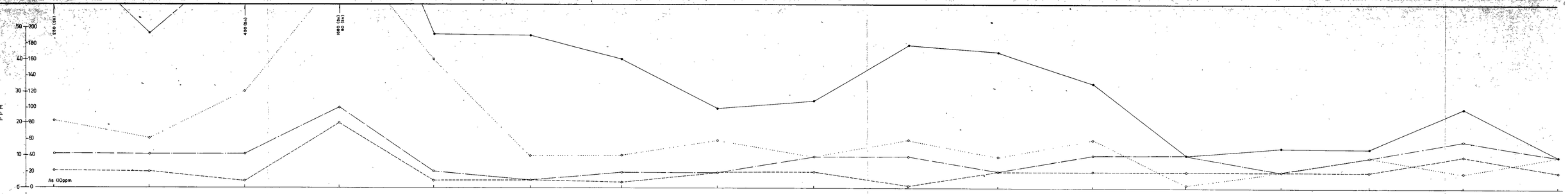
GLOBE MINE GRID S.P.L. 129
LINE 160E. (STH.)
SECTION LOOKING W.

SCALE 1: 500 METRES
10 0 10 20 30

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb. 1982
SCALE	1: 500
DRAWING No.	PLAN 15F

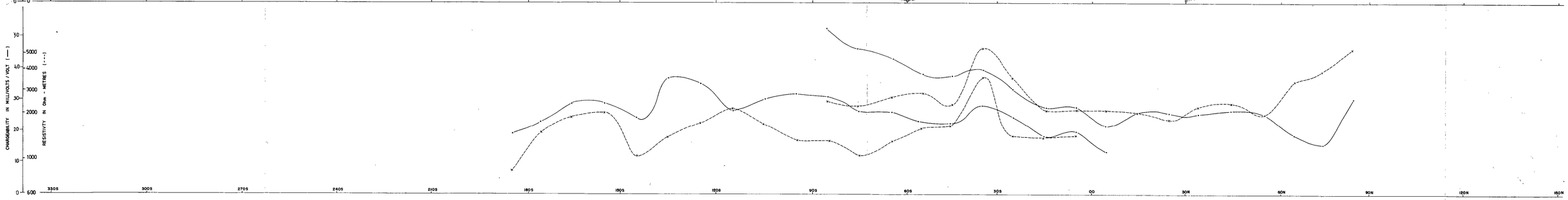
I.P. Data

Geochemistry PPM



GRADIENT ARRAY

CHARGEABILITY IN MILLIVOLTS / VOLT (——)
RESISTIVITY IN Ohm - METRES (- - -)



3300S 3000S 2700S 2400S 2100S 1800S 1500S 1200S 900S 600S 300S 00 300N 600N 900N 1200N 1500N

POLE - DIPOLE OR DIPOLE - DIPOLE

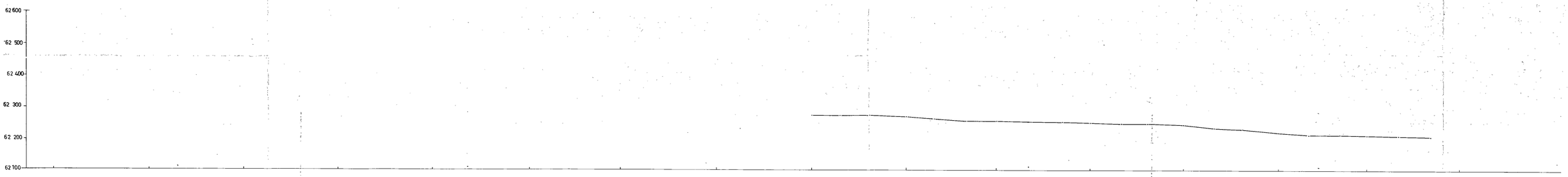
RESISTIVITY (Ωm)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

CHARGEABILITY (mv/v)

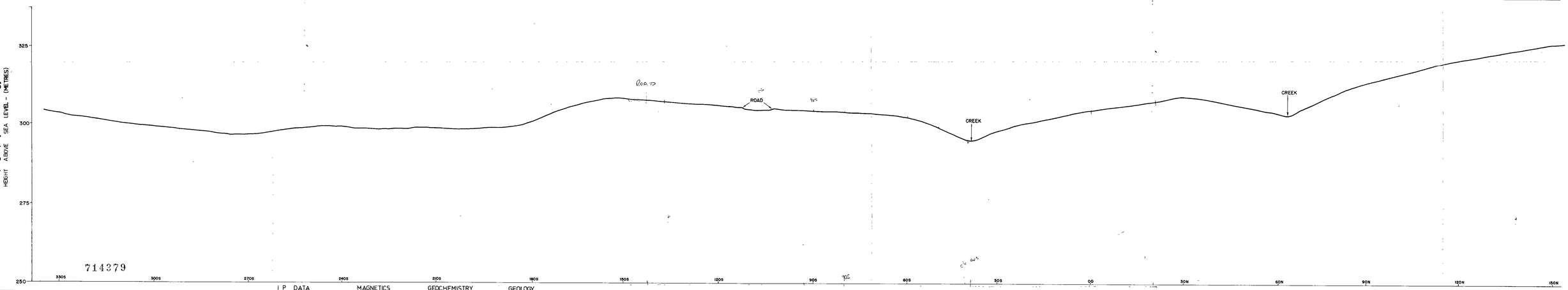
— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

Total Magnetic Field (γ)



Topography & Geology

HEIGHT ABOVE SEA LEVEL - (METRES)



3300S 3000S 2700S 2400S 2100S 1800S 1500S 1200S 900S 600S 300S 00 300N 600N 900N 1200N 1500N

714379

85-1827
Sw 614 14

RENISON LIMITED

GLOBE MINE GRID S.P.L. 129

LINE 200E.

SECTION LOOKING W.

SCALE. 1: 500 METRES
0 10 20 30

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb 1982
SCALE	1: 500
DRAWING No.	PLAN 15 G

I P DATA

CHARGEABILITY & RESISTIVITY

——— Gradient Array

S Anomaly Letter number

5 cm

MAGNETICS

GEOCHEMISTRY

Sn
Cu
Pb
Zn
As <10ppm

GEOLOGY

ALTERATION

Quartz and topaz and / or tourmaline
Total tourmalinization, occasionally with hematite
Hydrothermal
Collapse
Breccias
White alteration 'Dykes'
Argillic alteration
"Green" alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

LEGEND

ROCK TYPES

Aplite or microgranite
Fine grained
Medium grained
White granite
Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F —— F Fault
Definite
Approximate
? Inferred
Geological boundaries

2253

Geochemistry
P. P. M.

I.P. Data
GRADIENT ARRAY
CHARGEABILITY IN MILLIVOLTS / VOLT (——)
RESISTIVITY IN Ohm. - METRES (- - -)

POLE - DIPOLE OR DIPOLE - DIPOLE
RESISTIVITY (Ωm)
— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

POLE - DIPOLE
CHARGEABILITY (mv/v)
— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

Total Magnetic Field (γ)

Topography & Geology
HEIGHT ABOVE SEA LEVEL - (METRES)

ROAD
CREEK
CREEK

714380

330S 300S 270S 240S 210S 180S 150S 120S 90S 60S 30S 00 30N 60N 90N 120N

RENISON LIMITED
GLOBE MINE GRID S.P.L. 129
LINE 240E.
SECTION LOOKING W.
SCALE 1: 500 METRES
10 0 10 20 30

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb. 1982
SCALE	1: 500
DRAWING No.	PLAN 15 H

I.P. DATA
CHARGEABILITY & RESISTIVITY
Gradient Array
S Anomaly Letter number

MAGNETICS
5 cm

GEOCHEMISTRY
Sn
Cu
Pb
Zn
As

GEOLOGY

ALTERATION
Quartz and topaz and / or tourmaline
Total tourmalinization, occasionally with hematite
Hydrothermal
Collapse
Breccias
White Alteration Dykes
Argillic alteration
"Green" alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

LEGEND
ROCK TYPES
Aplite or microgranite
Fine grained
Medium grained
White granite
Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F —— F Fault
Definite
Approximate
?
Inferred
Geological boundaries

2259

Geochemistry
PPM

I.P. Data

GRADIENT ARRAY
CHARGEABILITY IN MILLIVOLTS / VOLT (——)
RESISTIVITY IN Ohm - METRES (- - -)

POLE - DIPOLE OR DIPOLE - DIPOLE
RESISTIVITY (Ωm)
— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

POLE - DIPOLE
CHARGEABILITY (mv/v)
— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

Total Magnetic Field (γ)

Topography & Geology
HEIGHT ABOVE SEA LEVEL - (METRES)
ROAD
CREEK
CREEK
CREEK

714381

82-1527
(No1 4 of 4)

RENISON LIMITED

GLOBE MINE GRID S.P.L. 129
LINE 320E.
SECTION LOOKING W

SCALE. 1: 500 METRES
10 0 10 20 30

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb.1982
SCALE	1: 500
DRAWING No.	PLAN 15 J

I P DATA
CHARGEABILITY & RESISTIVITY
——— Gradient Array
S Anomaly Letter number

MAGNETICS
5 cm

GEOCHEMISTRY
Sn
Cu
Pb
Zn
As

GEOLOGY

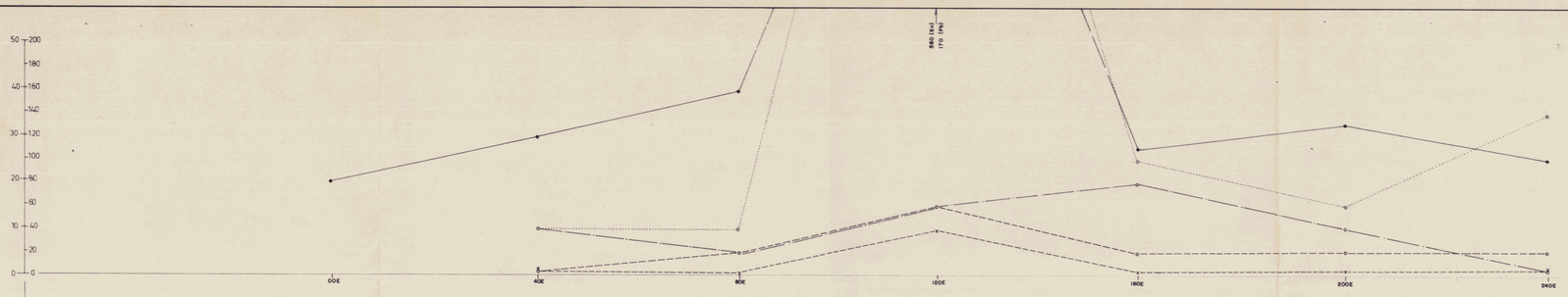
ALTERATION
Quartz and topaz and /or tourmaline
Total tourmalinization, occasionally with hematite
Hydrothermal
Collapse
Breccias
White Alteration Dykes
Argillic alteration
"Green" alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

LEGEND
ROCK TYPES
Aplite or microgranite
Fine grained
Medium grained
White granite
Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F —— F Fault
Definite
Approximate
Inferred
Geological boundaries

2260

Geochemistry
PPM



I.P. Data

GRADIENT ARRAY

CHARGEABILITY IN MILLIVOLTS / VOLT (——)

RESISTIVITY IN Ohm - METRES (- - -)

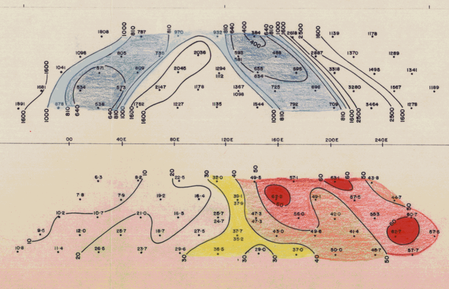


POLE - DIPOLE OR DIPOLE - DIPOLE

RESISTIVITY (Ωm)

CHARGEABILITY (ms/v)

— n = 1
— n = 2
— n = 3
— n = 4
— n = 5

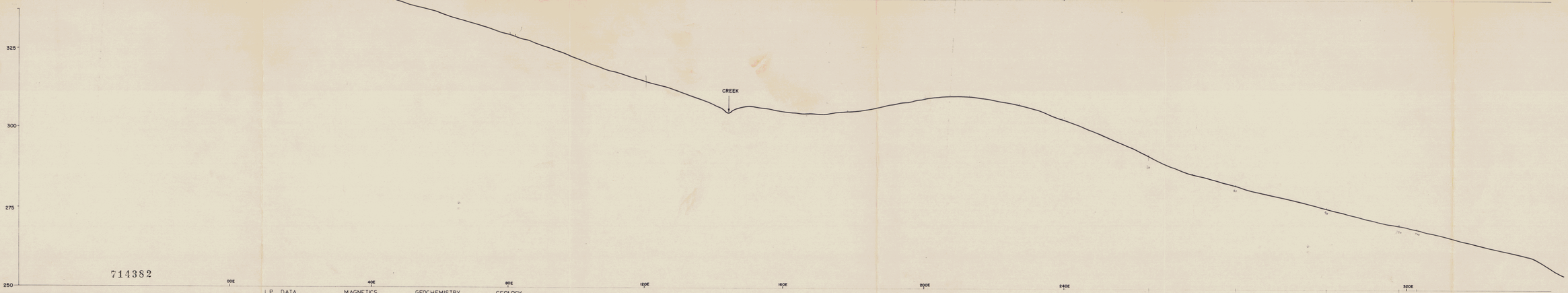


Total Magnetic Field (γ)



Topography & Geology

HEIGHT ABOVE SEA LEVEL - (METRES)



714382

32-1827 (Vol 4 of 4)

RENISON LIMITED	
GLOBE MINE GRID S.P.L. 129	
BASE LINE OON.	
SECTION LOOKING N.	
SCALE. 1: 500 METRES (10 0 10 20 30)	PLAN 15K

DRAWN	G.P.S.
TRACED	T.G.D.S.
DATE	Feb. 1982
SCALE	1: 500
DRAWING No.	

I.P. DATA

CHARGEABILITY & RESISTIVITY

Gradient Array

S Anomaly Letter number

5 cm

MAGNETICS

GEOCHEMISTRY

Sn
Cu
Pb
Zn
As

GEOLOGY

ALTERATION

Quartz and topaz and / or tourmaline
Total tourmalinization, occasionally with hematite
Hydrothermal
Collapse
Breccias
White Alteration Dykes
Argillic alteration
'Green' alteration (sericitized granite) generally with hematite or pyrite
Quartz - mica greisen
Area of tourmaline nodules

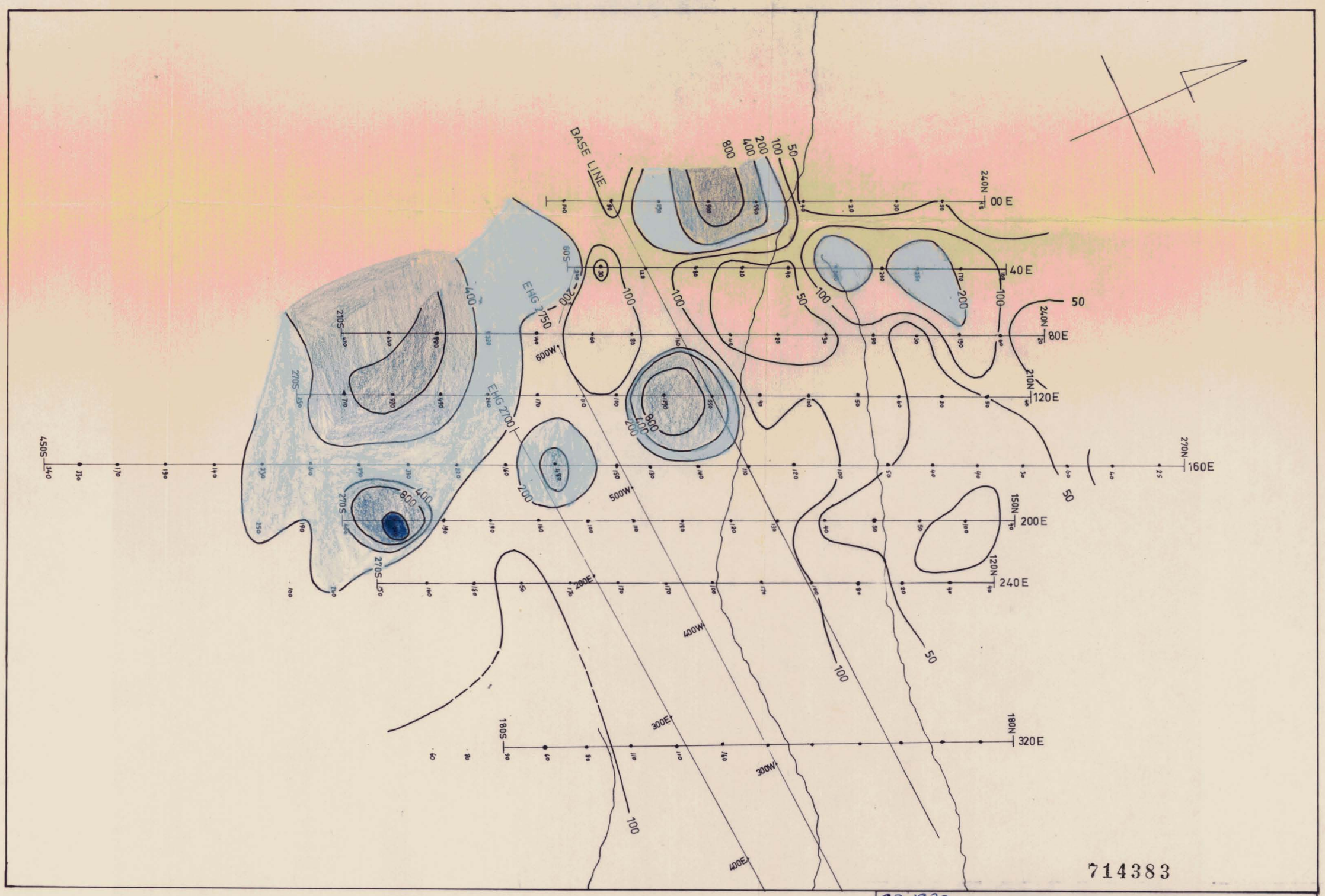
LEGEND

ROCK TYPES

Aplite or microgranite
Fine grained
Medium grained
White granite
Porphyritic granite
Medium grained
Coarse grained
Red granite

Major lineament
F — F Fault
Definite
Approximate
Inferred
Geological boundaries

2261



5 cm

714383

82-1827
(W01 4(4)

RENISON LIMITED

GLOBE MINE GRID
Sn SOIL GEOCHEMISTRY

GEOLOGIST :DJK	SCALE 1:2000 METRES
DRAUGHTSMAN :IF, CS	
DATE :JUNE 1982	
REVISIONS :	DRAWING No. 16 A

2262



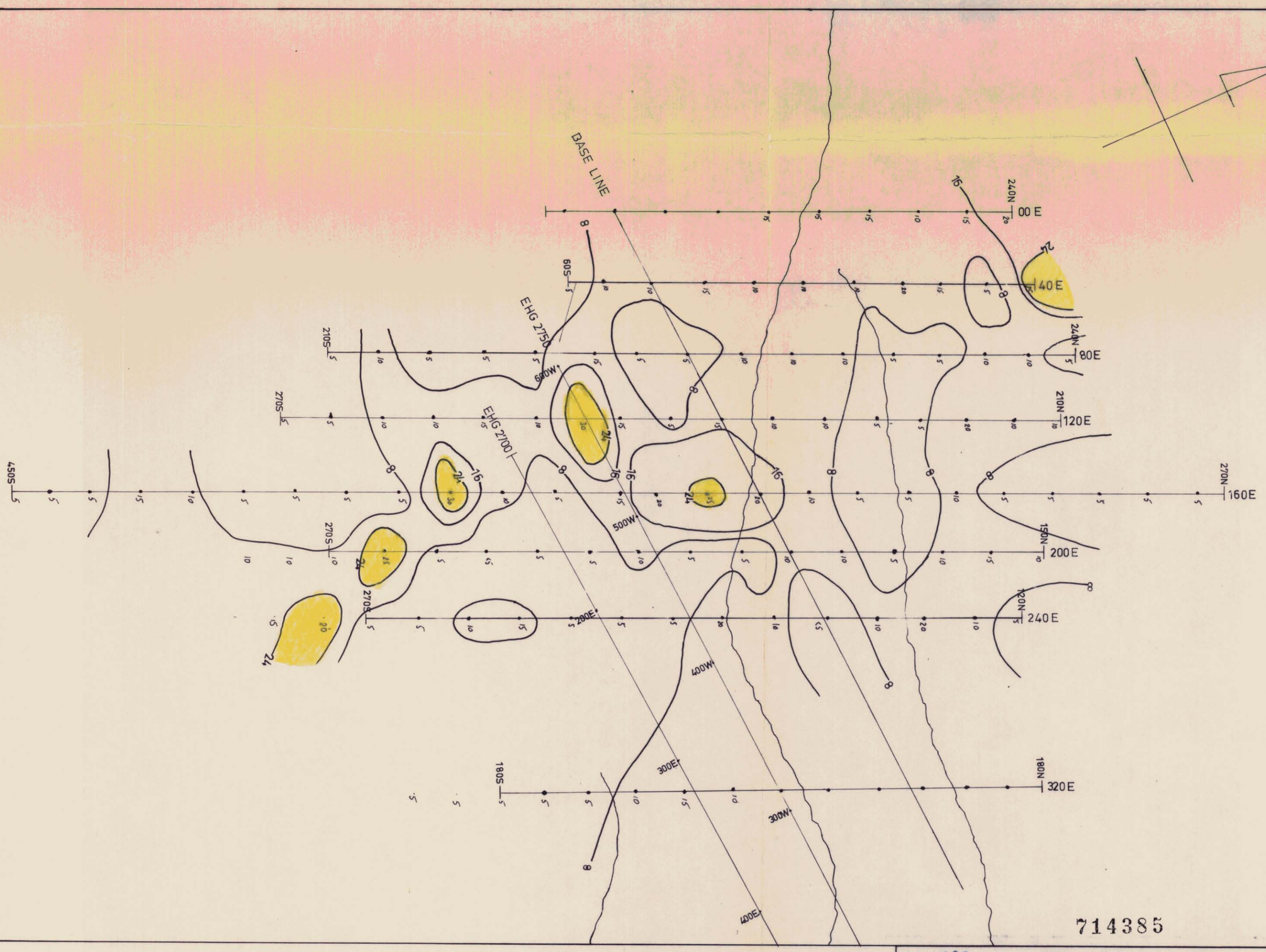
714384

82-1827 (Vol 4/4)

RENISON LIMITED

GLOBE MINE GRID
Pb SOIL GEOCHEMISTRY

GEOLOGIST :DJK	SCALE · 1:2000 METRES
DRAUGHTSMAN :IF, GS	
DATE :JUNE 1982	
REVISIONS :	DRAWING No. 16 B



5 cm

714385

82-1827 (Vol 4-4)

RENISON LIMITED

GLOBE MINE GRID
Zn SOIL GEOCHEMISTRY

GEOLOGIST :DJK	SCALE 1:2000 METRES
DRAUGHTSMAN :IF, GS	
DATE :JUNE 1982	
REVISIONS :	DRAWING No. 16 C

2264

353300E 353400 E 353500 E 353600 E

300 280 260 240 220 200 180 160 140

proj 14mS

Area of potential mineralisation in quartz tourmaline alteration with greisenised granite

Sn, Ag

Sn Ag, Pb

proj 8mS

Ag

Ag

Sn, Pb, Zn, Ag, Bi

proj 23mS

tourmaline-greisen veins

proj 12m S

disseminated pyrite

Sn

greisen veins minor pyrite

TH 8

proj 54mS

TH 9

minor greisen veining in granite

tourmaline and greisen veins

TH 7

proj 7mN

LEGEND

potentially economic* Sn and or Ag grades with significant base metals as shown; Sn 0.1% or Ag 20ppm

quartz - tourmaline alteration ± sulphide

greisenised granite and greisen veins

argillic and sericitic alteration

porphyritic fine grained granite

medium grained White Granite

fine to medium grained granite

*see Section 7.2.4

RENISON LIMITED 82-1837 (Vol 7, 4)

EAST - WEST SECTION (bearing 105 AMG)

through the Globe Mine Area; facing north

GEOLOGIST : DJK	SCALE 1:500 METRES (10 0 10 20)
DRAUGHTSMAN : DJK	
DATE : JUNE 1982	
REVISIONS :	DRAWING No. PLAN 17

714386

5 cm

2265

proj 20mE

Sn Ag

proj 30mW

Ag, Pb

Ag

Sn, Pb, Zn, Ag

proj 8mE

area of potential mineralisation
in quartz-tourmaline alteration
with argillised granite

disseminated pyrite in argillised granite

Sn

tourmaline-greisen veins

greisen veins with minor pyrite

300

280

260

240

TH 8

TH 9

proj 77mW

LEGEND

- potentially economic* Sn and or Ag grades with significant base metals as shown
- quartz-tourmaline alteration ± sulphide
- argillic and sericitic alteration
- porphyritic fine grained granite
- medium grained White Granite
- medium - coarse grained Red Granite

* see Section 7.2.4

5 cm

714387

PLAN 18

C(101 4/4)
82-182

RENISON LTD.

SCALE	1 : 500
DRAWN	DJK
DATE	JUNE 1982
TITLE	N - S Section through Globe Mine workings

facing west

2266

2267

DIGHEM^{II} SURVEY

STONEHENGE AREA, TASMANIA

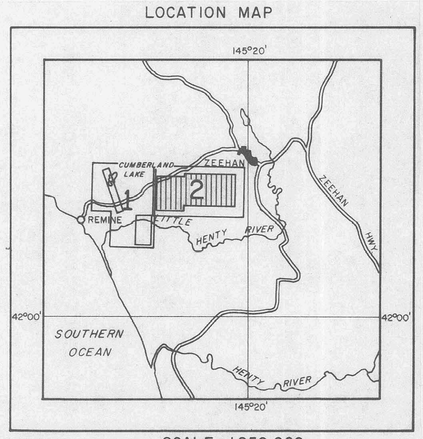
MAGNETICS

FOR

RENISON LTD.

714388

LOCATION MAP



SCALE 1:250,000

REGISTERED PROFESSIONAL ENGINEER
D. C. FRASER
PROVINCE OF ONTARIO

5 cm

SCALE 1:10,000

1/2 0 1/2 Kilometres

1/4 0 1/4 1/2 Miles

PLAN 19
82-1827
Vol 4 (4)

2267

Flight line

Fiducials and numbers

ISOMAGNETIC LINES

(total field)

1000 ..... 1000 gammas

200 ..... 200 gammas

50 ..... 50 gammas

..... 25 gammas

..... magnetic depression

Magnetic Inclination within the survey area: 72°

JOB	DATE	DRAWN BY	CHECKED BY
354	APRIL, 1982	BP	W.S.

2268

ZEEHAN

Mt. ZEEHAN

Mc IVOR HILL

DONAN HILL

BALSTRUP FAULT

GEOLOGY

Quarternary
- Qra — Recent Alluvium

Tertiary ?
- Ironstone Outcrop, Scree. Includes Magnetite Limonite, Ferruginous Wad, Gossan.
- Iron Rich Soils, Ironstone Scree, Lateritic Development.

Ordovician
- Oz — Mt. Zeehan Conglomerate

Cambrian

Dundas Group
- €d — Black Siltstone; Greywacke, Siltstone, Minor Sandstone, Quartzite; Carbonate; Siltstone, greywacke; Conglomerate; Chert; Basic Volcanics

Crimson Creek Formation
- €c — Undifferentiated

Precambrian

Oonah Formation
- Puo — Quartzite and Siltstone; Siltstone, minor Quartzite Carbonate; Spilite

IGNEOUS ROCKS
- Dg — Devonian Granite and Adamellite.
- €g — Cambrian Gabbro

SYMBOLS

- Geological Boundary
- Geological boundary unconformable and/or fault
- Limit of hornfelsing
- Fault and linear negative topographic features
- Lode - open stope
- Dip and strike of bedding
- Dip and strike of bedding overturned
- Dip and strike of foliation
- Anticline syncline axis
- Trend bedding
- Mine workings Adit
- Shaft
- Dump

ZEEHAN 15/5 | ZEEHAN 15/6 | ZEEHAN 16/5 | ZEEHAN 16/6

5 cm

RENISON LIMITED

ZEEHAN D/1.

INTERPRETATIVE GEOLOGY

SCALE. 1: 10,000 METRES

200 0 200 400 600

DRAWN	R.P.
TRACED	T.G.D.S.
DATE	July, 1982
SCALE	1:10000
DRAWING No.	PLAN 20

82-1827 (Vol 4 /4)

714389

2268

2269

DIGHEM^{II} SURVEY

CUMBERLAND LAKE AND FEN CREEK AREAS, TASMANIA

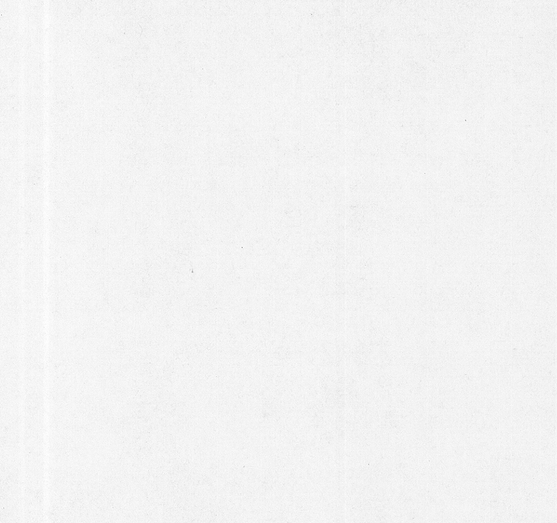
MAGNETICS

FOR

714390

RENISON LTD.

LOCATION MAP



SCALE 1:250,000

REGISTERED PROFESSIONAL ENGINEER
D. C. FRASER
PROVINCE OF ONTARIO

5 cm

SCALE 1 : 10,000

1/2 0 1/2 1 Kilometres

1/4 0 1/4 1/2 Miles

PLAN 21

2269

82-1827 (101 4/4)

Flight line

Fiducials and numbers

ISOMAGNETIC LINES

(total field)

1000 ..... 1000 gammas

200 ..... 200 gammas

50 ..... 50 gammas

..... 25 gammas

..... magnetic depression

Magnetic Inclination within the survey area: 72°

JOB	DATE	DRAWN BY	CHECKED BY
354	APRIL, 1982	S.P.	W.S.

2270

350000mE
5358500mN

352000mE
5358500mN

FEDERATION GRID

BASELINE GRID

AGNEW

TRAIL HARBOUR ROAD

700W
500W
300W
100W
100E
200E
300E
400E
500E
600E
700E

5357000mN
350000mE

5357000mN
352000mE

714391

5 cm

COMPILATION NOTE

This sheet is a composite of photogrammetric contours superimposed on a half tone reproduction of compiled orthophotos from aerial photography dated 12.12.77.

Orthophoto base mapping and photogrammetric contours by Aust. Aerial Mapping.

Aerial photography	Wild RC.8
Aerial triangulation	Wild A.8
Contouring	Wild B.8
Orthophotos	Zeiss Topocart

REFERENCE

Contours
Depressions
Spot Heights
Control
N.B. Broken lines indicate lower reliability
Contour interval 5 metres
Spot heights to 0.5 metres
REDUCED LEVELS TO AUST. HEIGHT DATUM
CO-ORDINATES AUST. MAP GRID
Grid interval 200 metres

SHEET AND INDEX LOCATION

SHEET 1 | SHEET 2
SHEET 3 | SHEET 4
SHEET 5 | SHEET 6

5357000mN
350000mE
TRIAL HARBOUR
Kennecott
MT. AGNEW

RENISON LIMITED 83-1321 CVol 2 f40

FEDERATION GRID

GROUND MAGNETICS (TOTAL FIELD)

GEOLOGIST:	P.R.B.D.K.
DRAUGHTSMAN:	T.G.D.S.
DATE:	July 1982
REVISIONS	

SCALE 1:2000 METRES
0 40 80

DRAWING NO.
PLAN 22A

2270

2271

5 358 500 N

354 000 E

5 358 000 N

5 357 500 N

5 357 000 N

352 000 E

352 500 E

353 000 E

353 500 E

354 000 E

BASELINE

GRID

AGNEW

62 600 E
550 E
500 E
450 E
400 E
350 E
300 E
62 250 E

LEGEND:

Normal Contour

Contour interval changed to accomodate increased gradient

714392

5 cm

SHEET AND INDEX LOCATION

SHEET 1	SHEET 2	SHEET 7
SHEET 3	SHEET 4	SHEET 9
SHEET 5	SHEET 6	SHEET 11

RENISON LIMITED 82-1827 (Vol 4/4)

HEEMSKIRK AREA

GROUND MAGNETICS (TOTAL FIELD)

GEOLOGIST	PR&DK	SCALE 1:2000 METRES
DRAUGHTSMAN	T.G.D.S.	
DATE	July 1982	
REVISIONS		DRAWING No PLAN 22B

2272

5 360 000 N

352 000 E

352 500 E

353 000 E

353 500 E

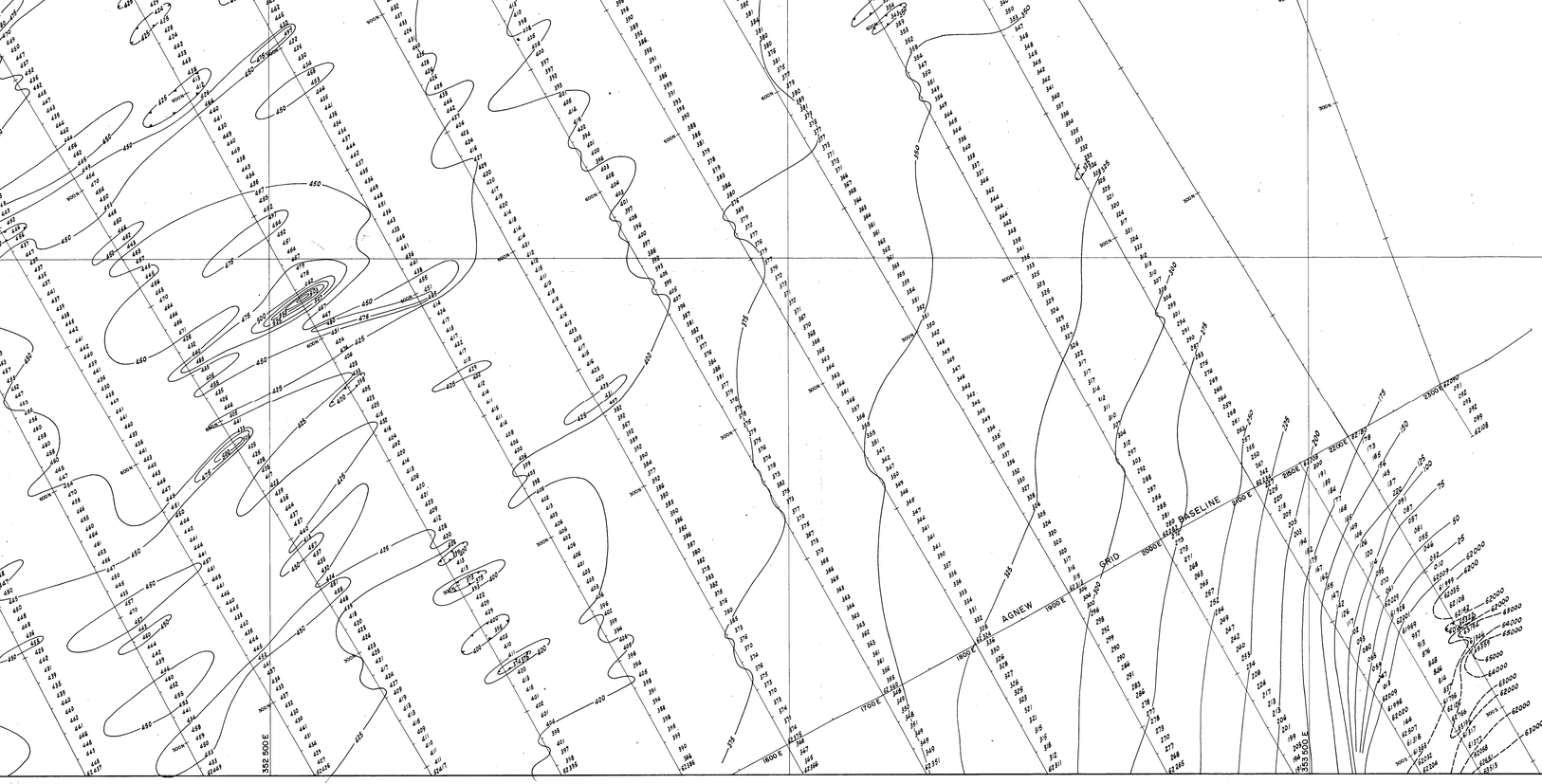
354 000 E

5 359 500 N

5 359 000 N

5 358 500 N

AGNEW GRID BASELINE



62 600 ¥
62 550 ¥
62 500 ¥
62 450 ¥
62 400 ¥
62 350 ¥
62 300 ¥
62 250 ¥

714393

LEGEND:

5 cm

Normal Contour

Contour interval changed to accomodate increased gradient

SHEET AND INDEX LOCATION

SHEET 1	SHEET 2	SHEET 7
SHEET 3	SHEET 4	SHEET 9
SHEET 5	SHEET 6	SHEET 11

RENISON LIMITED 82-1627 (Vol 4/4)

HEEMSKIRK AREA

GROUND MAGNETICS (TOTAL FIELD)

GEOLOGIST	P.R. & D.K.
DRAUGHTSMAN	T.G. D.S.
DATE	July 1982
REVISIONS	

SCALE 1:2000 METRES

DRAWING No.

PLAN 22C

2272