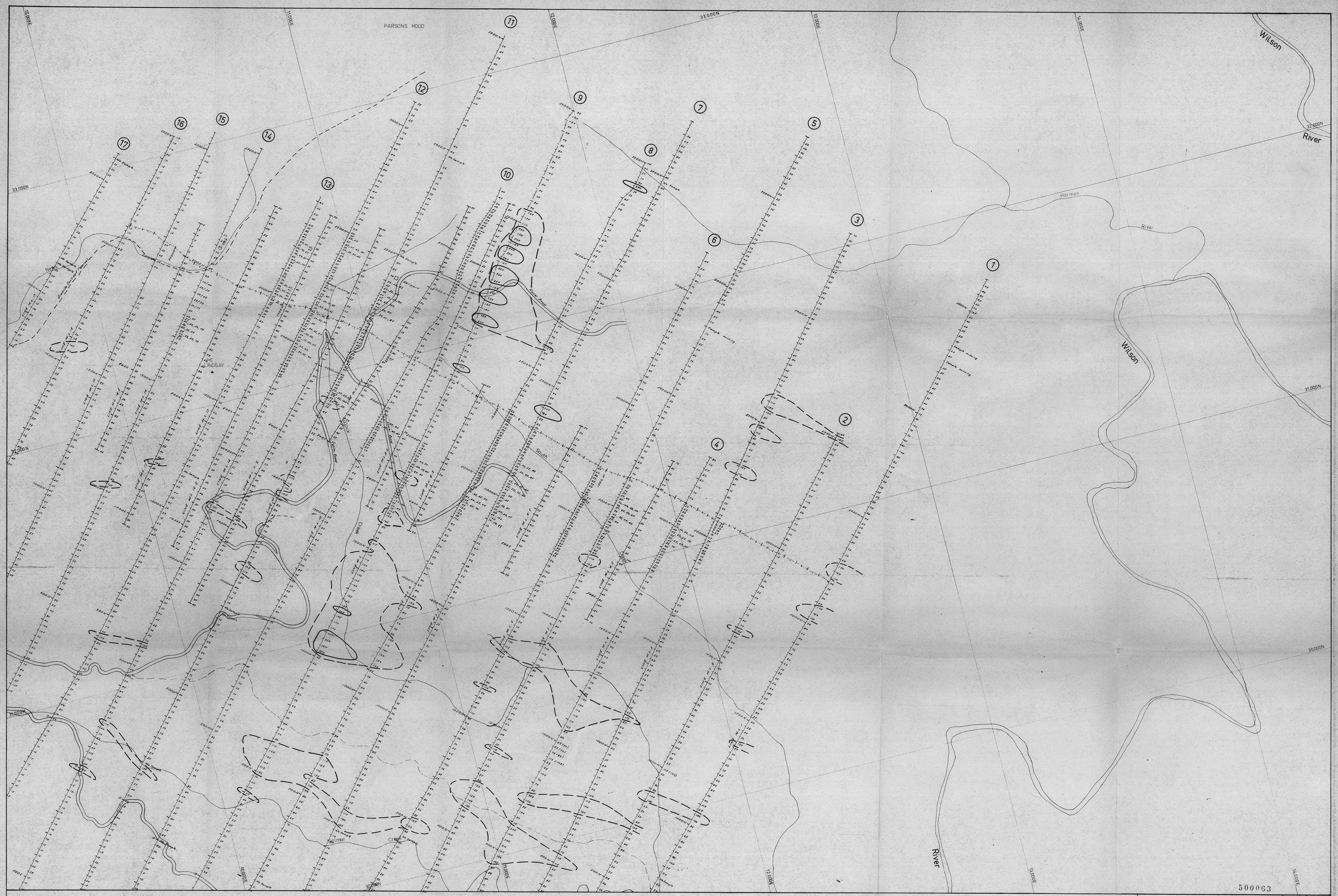


500063

KEY

Strong Anomaly. (>200 p.p.m.)

Weak Anomaly. (>100 p.p.m.)

Road & Walking Track.

Grid Line & Sample Locality.

Original Sample Value with Resampling Values at 0.3, 0.6, 0.9m. Depth respectively.

Original Sample Value with Duplicate Sample.

CORINNA D1/3	CORINNA D1/4
CORINNA D3/1	CORINNA D3/2
CORINNA D3/3	CORINNA D3/4

RENISON LIMITED 75-1120

CORINNA D3/2.

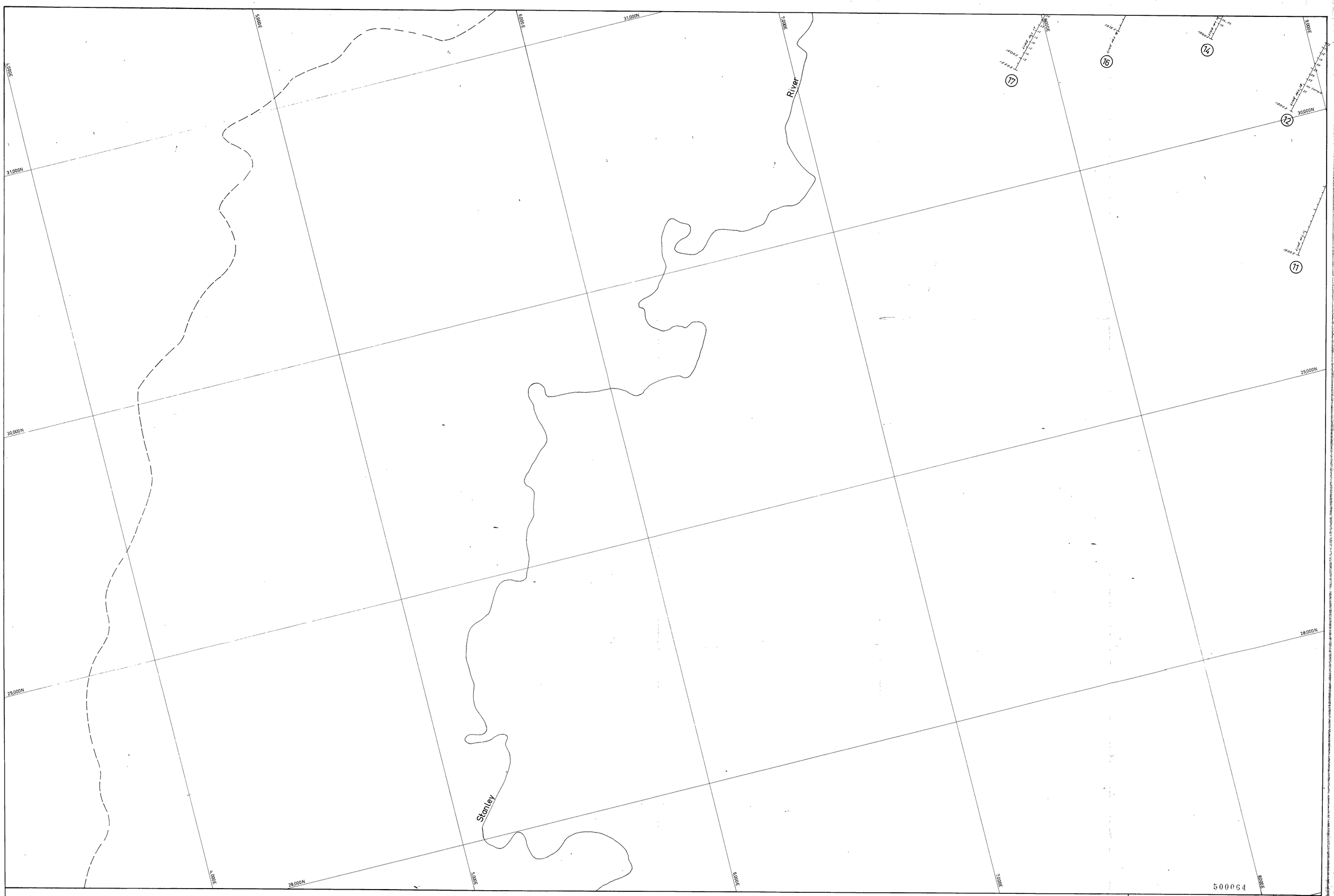
GEOCHEMICAL SAMPLING / Zn.

SCALE. 1:5000 METRES

100 0 100 200 300

DRAWN	L.A.N.
TRACED	F.C.
DATE	AUG 75
SCALE	1:5000
DRAWING No.	5(f)/(ii)

1931



500064

KEY

Strong Anomaly (>200 p p m)

Weak Anomaly (>100 p p m)

Road & Walking Track

Grid Line & Sample Locality

Original Sample Value with Resampling Values at 0.3, 0.6, 0.9 m Depth respectively

Original Sample Value with Duplicate Sample

CORINNA D1/3	CORINNA D1/4
CORINNA D3/1	CORINNA D3/2
CORINNA D3/3	CORINNA D3/4

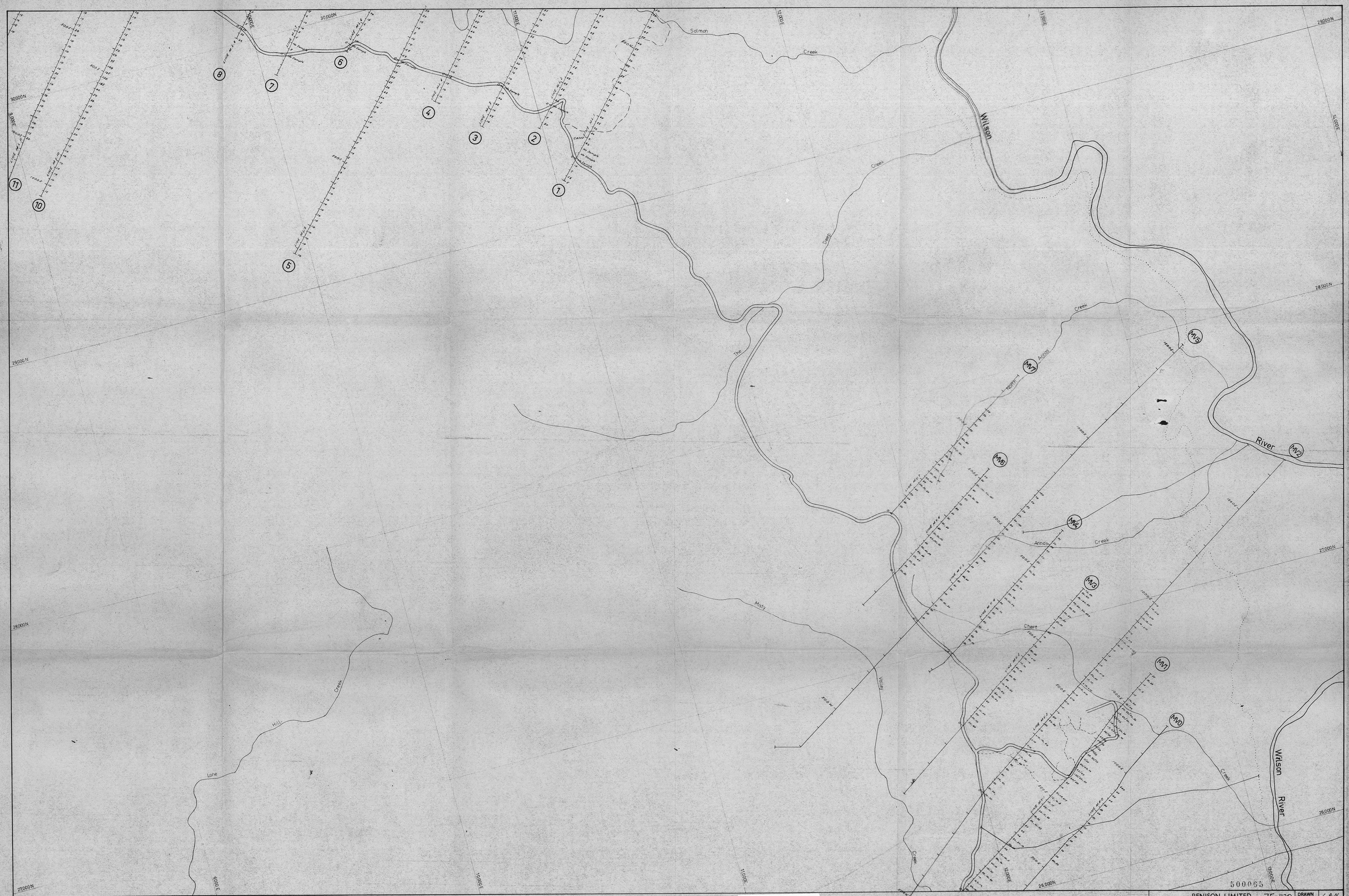
RENISON LIMITED 75-1120

CORINNA D3/3.

GEOCHEMICAL SAMPLING / Zn.

SCALE. 1:5000 METRES

DRAWN	L.A.N.
TRACED	F.C.
DATE	AUG 75
SCALE	1:5000
DRAWING No.	5(f)/(iii)



500065

5 cm

NOTE: 1. The Misty Valley Grid was sampled during the 1973-74 summer.
The Mt. Lindsay Grid was sampled during the 1974-75 summer.
The lower limit of detection was different for the two grids: Misty Valley: 10 p.p.m., Mt. Lindsay: 5 p.p.m.

2. The strong anomaly on MV1 800/900 m.E was not repeatable and was probably due to contamination.

Strong Anomaly (>200 p.p.m.)

Weak Anomaly (>100 p.p.m.)

KEY

Road & Walking Track.

Grid Line & Sample Locality.

Original Sample Value with Resampling Values at 0.3-0.6-0.9m. Depth respectively.

Original Sample Value with Duplicate Sample.

CORINNA D1/3	CORINNA D1/4
CORINNA D3/1	CORINNA D3/2
CORINNA D3/3	CORINNA D3/4

RENISON LIMITED 75-1120

CORINNA D3/4.

GEOCHEMICAL SAMPLING / Zn.

SCALE. 1:5,000 METRES

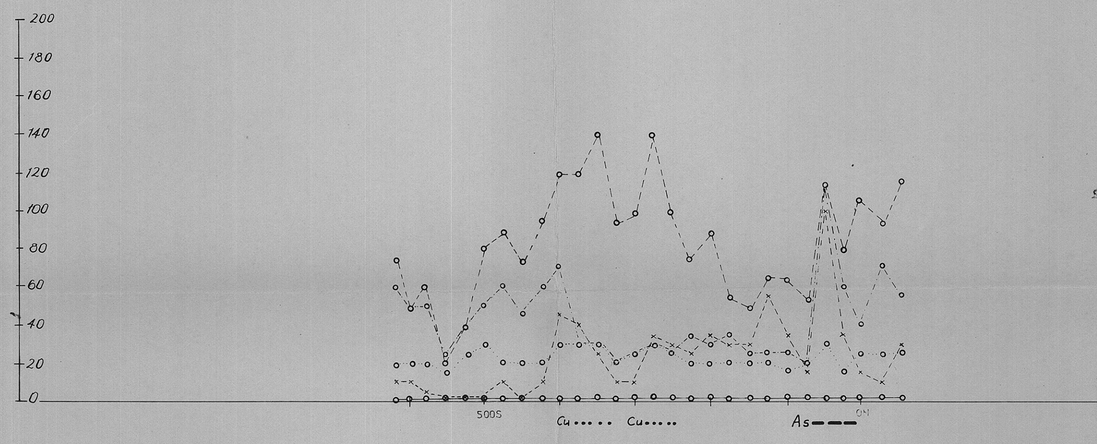
100 0 100 200 300

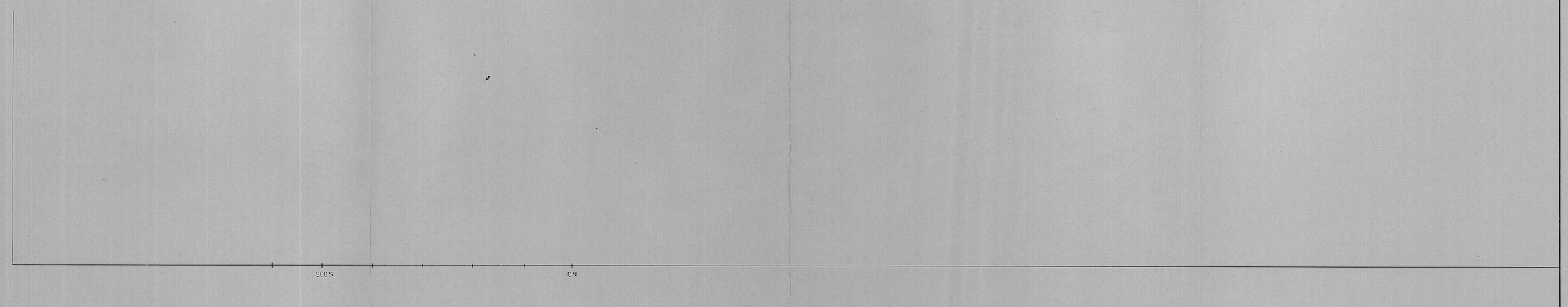
DRAWN	L.A.N.
TRACED	F.C.
DATE	AUG 75
SCALE	1:5,000
DRAWING No.	5(f)/(iv)

1933

Geochemistry

p.p.m.

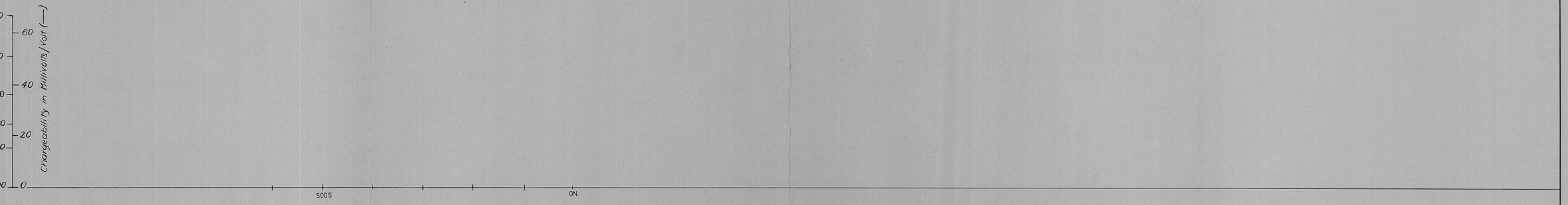




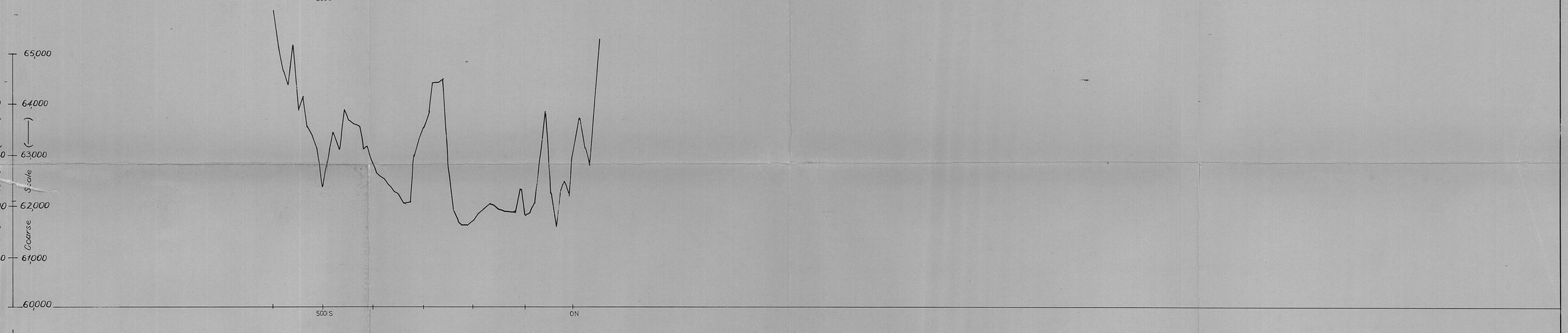
I.P. Data

Resistivity in Ohm-Metres (----)

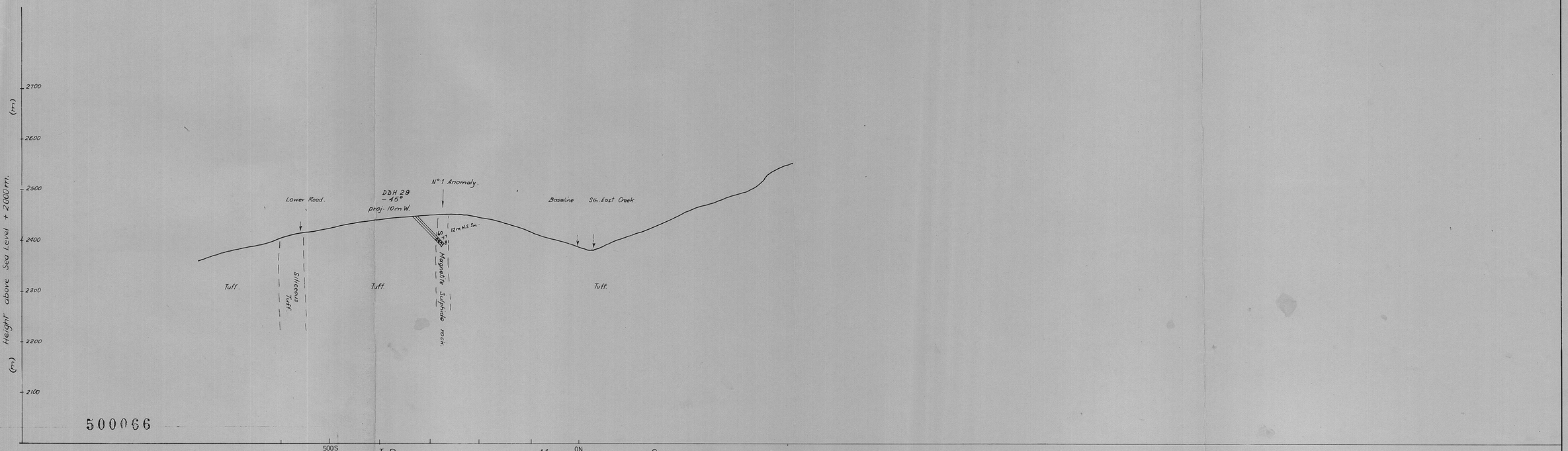
Chargeability in Millivolts/Volt (——)



Total Magnetic Field (δ)



Topography & Geology.



500066

RENISON LIMITED	
E.L. 2/63. 75-1120 Vol. 2.	DRAWN R.R.S.
MT. LINDSAY GRID.	TRACED
LINE M.L. 8·5.	DATE May 1975.
	SCALE 1:5000
SCALE. 1:5000 METRES. 100 0 100 200 300	DRAWING No. 6

IP

Chargeability.

Resistivity.

MAGNETICS.

5000 δ Scale

1000 δ Scale

GEOCHEMISTRY.

Sn.

Cu.

Pb.

Zn.

As.

W.

GEOCHEMICAL ANOMALIES

Sn. ———— Strong.

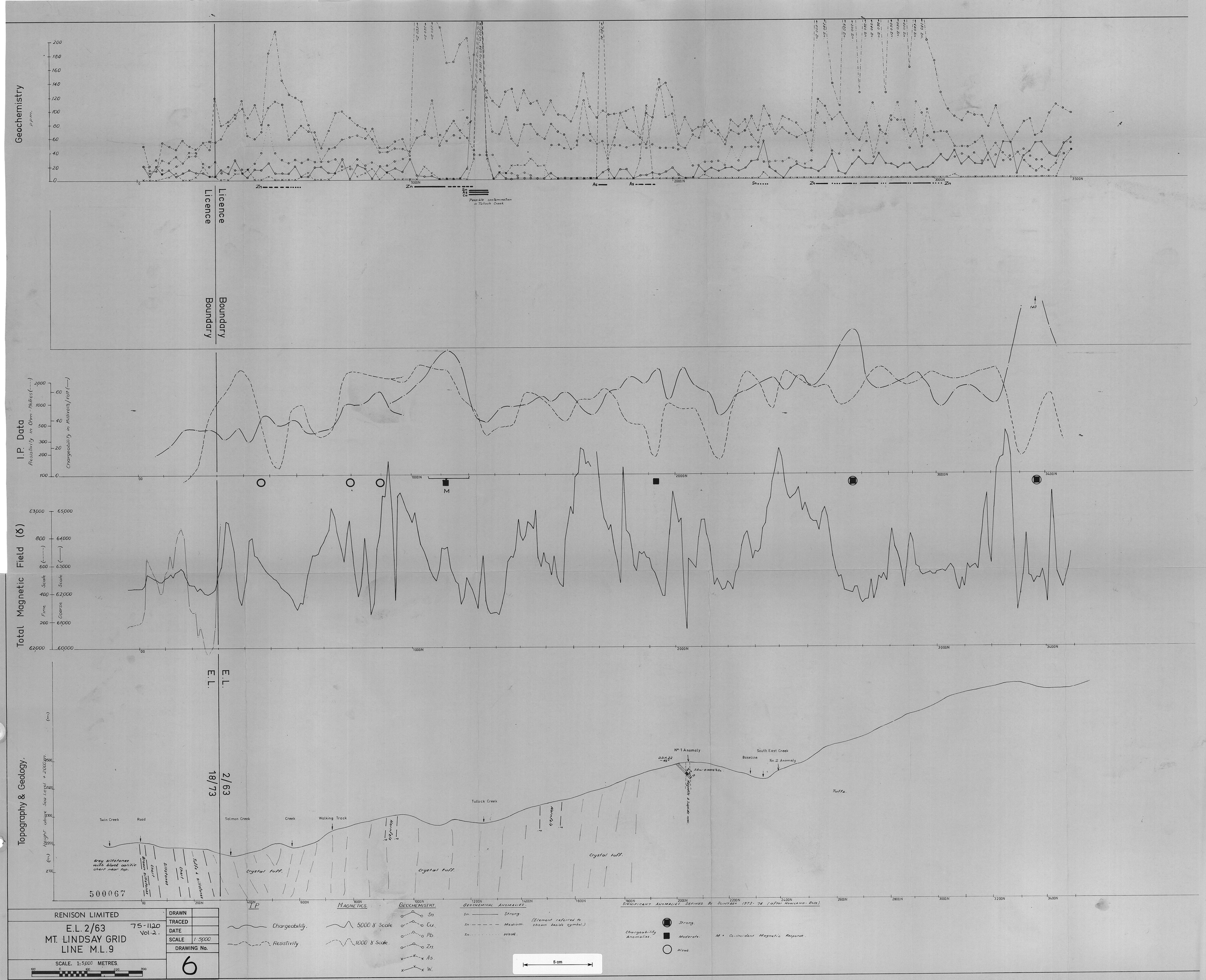
Sn. – – – – Medium.

Sn. ..... Weak.

(Element referred to shown beside symbol)

5 cm

1891

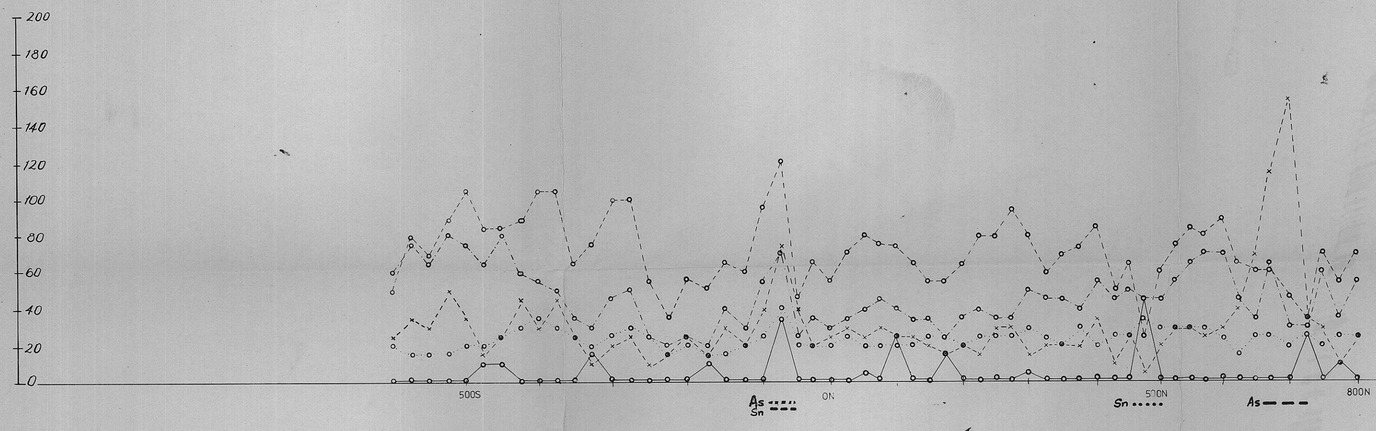


Geochemistry
ppm.
Licence Boundary
Licence Boundary
Possible contamination in Tulloch Creek
I.P. Data
Resistivity in Ohm-Metres (---)
Chargeability in Millivolts/Volt (—)
Total Magnetic Field (γ)
Fine Scale (---)
Coarse Scale (—)
E.L. 2/63
E.L. 18/73
Topography & Geology.
Height above Sea Level + 2000 ft.
Twin Creek
Road
Salmon Creek
Creek
Walking Track
Tulloch Creek
Nº 1 Anomaly
South East Creek
Baseline
No. 2 Anomaly
Tuffs.
Crystal tuff.
Grey siltstones with black oolitic chert near top.
Brown siltstones
Chert
Siltstones
Tuffs & siltstones
500067
RENISON LIMITED
E.L. 2/63
MT. LINDSAY GRID
LINE M.L.9
75-1120 Vol. 2.
SCALE. 1:5,000 METRES.
DRAWN
TRACED
DATE
SCALE 1:5000
DRAWING No.
6
I.P.
Chargeability.
Resistivity.
MAGNETICS.
5000 γ Scale.
1000 γ Scale.
GEOCHEMISTRY.
Sn.
Cu.
Pb.
Zn.
As.
W.
GEOCHEMICAL ANOMALIES.
Sn. Strong.
Sn. Medium.
Sn. Weak.
(Element referred to shown beside symbol.)
SIGNIFICANT ANOMALIES DEFINED BY SCINTREX 1973-74 (after HOWLAND-ROSE).
Chargeability Anomalies.
Strong.
Moderate.
Weak.
M = Co-incident Magnetic Response.
5 cm

1892

Geochemistry

ppm.



I.P. Data

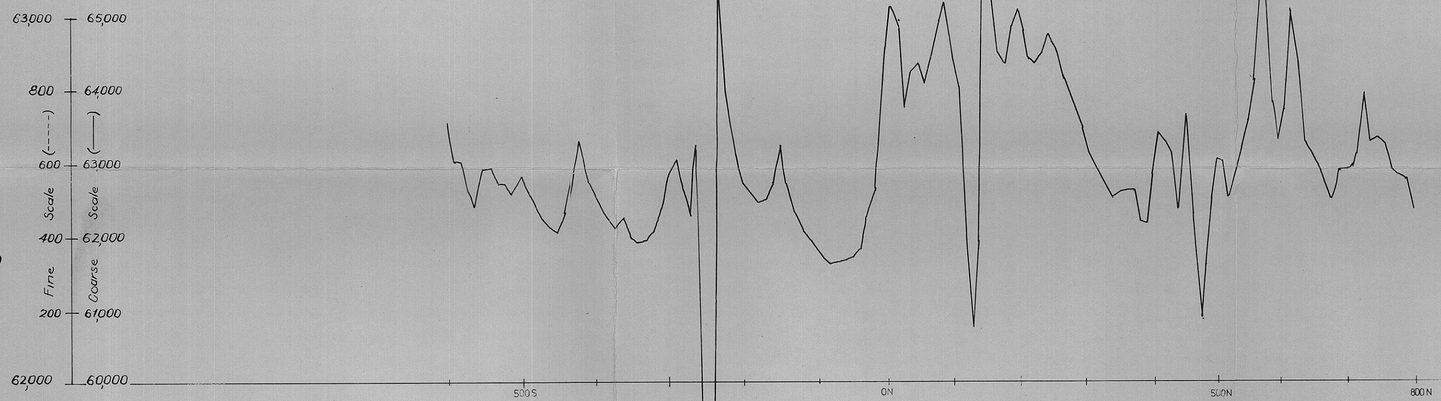
Resistivity in Ohm - Metres (---)

Chargeability in Millivolts/Volt (—)

Total Magnetic Field (δ)

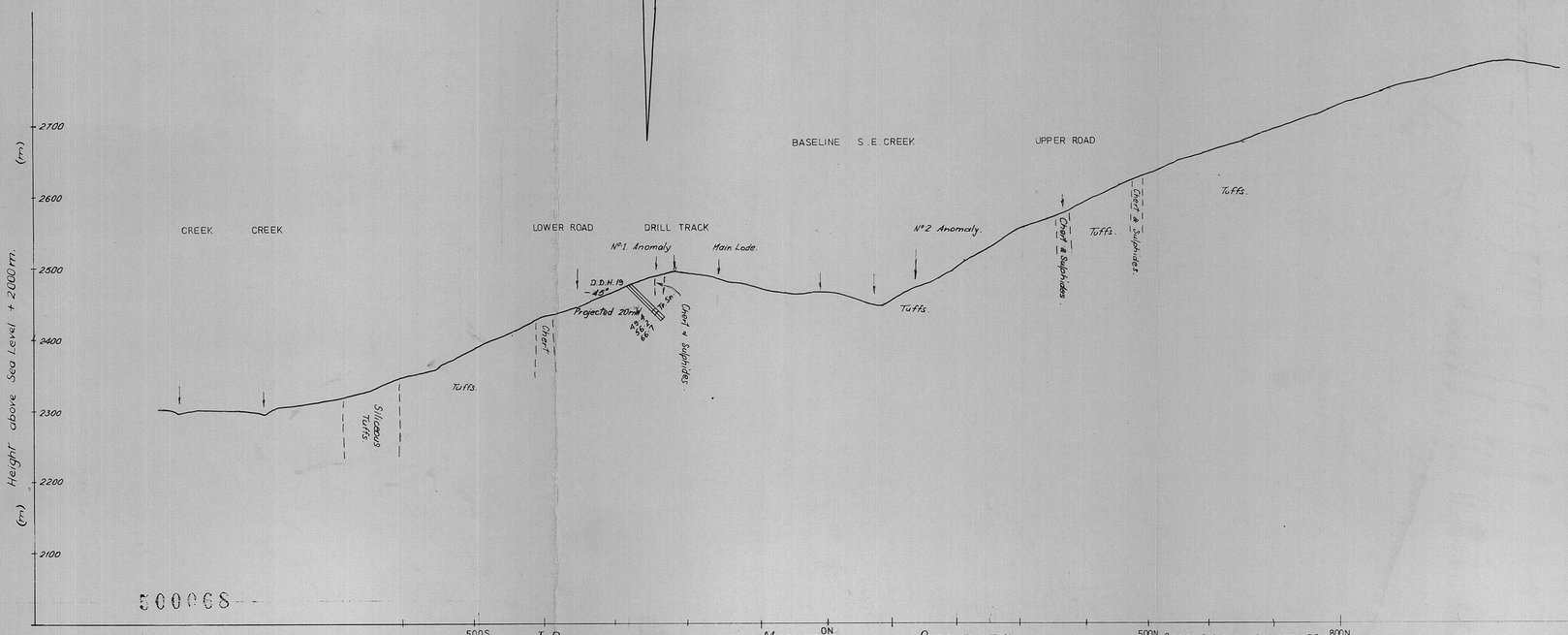
Fine Scale (-----)

Coarse Scale (——)



Topography & Geology.

Height above Sea Level + 2000 m. (m)



500068

IP — Chargeability. — Resistivity.

MAGNETICS — 5000 δ Scale. — 1000 δ Scale.

GEOCHEMISTRY. Sn. Cu. Pb. Zn. As. W.

GEOCHEMICAL ANOMALIES

Sn. ——— Strong.

Sn. – – – – Medium. (Element referred to shown beside symbol.)

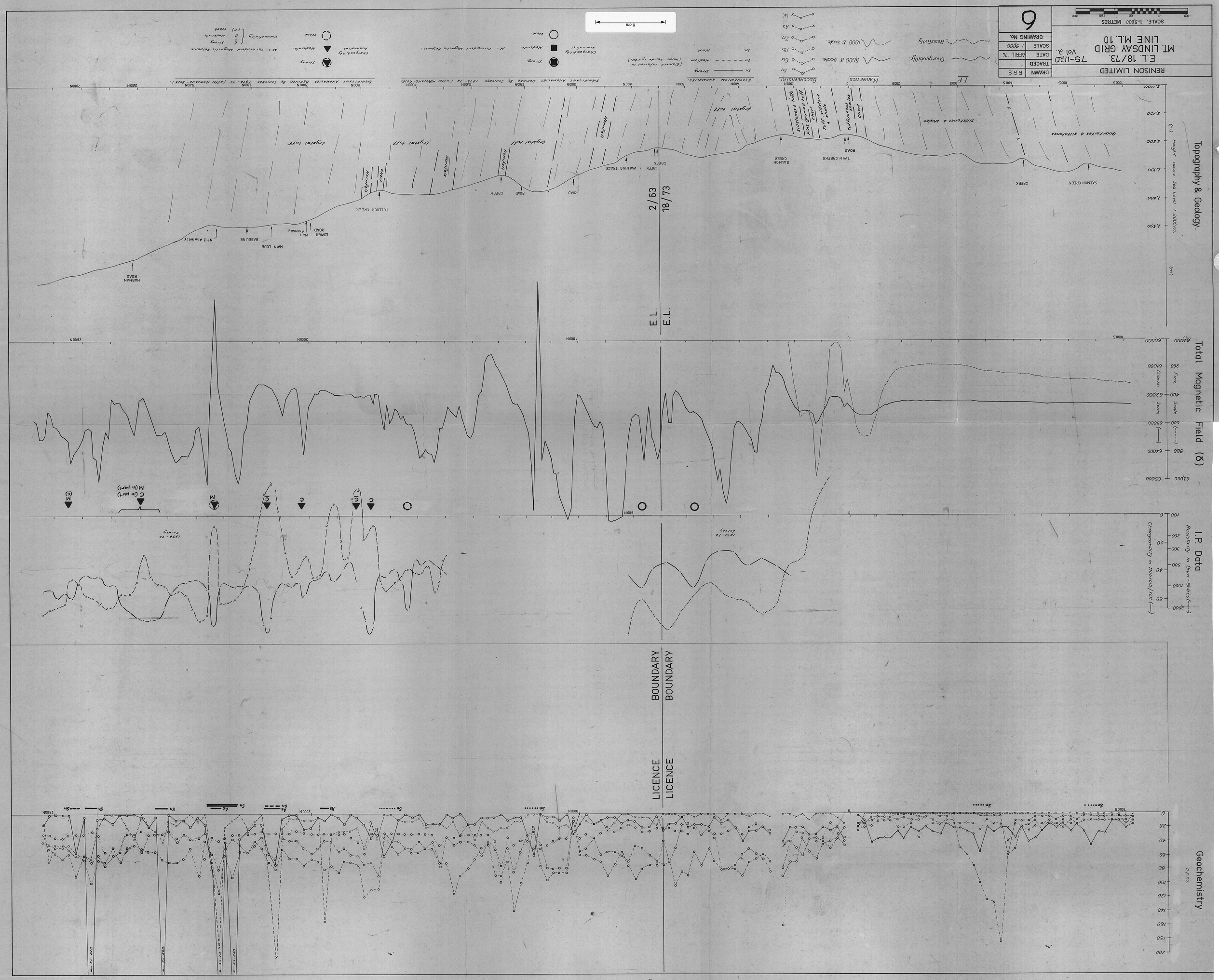
Sn. ..... Weak.

5 cm

RENISON LIMITED	
E.L. 2/63. 75-1120 Vol. 2.	
MT. LINDSAY GRID	
LINE M.L.9·5.	
SCALE. 1:5,000 METRES. 100 0 100 200 300	

DRAWN	R.R.S.
TRACED	
DATE	May 1975.
SCALE	1:5000
DRAWING No.	6

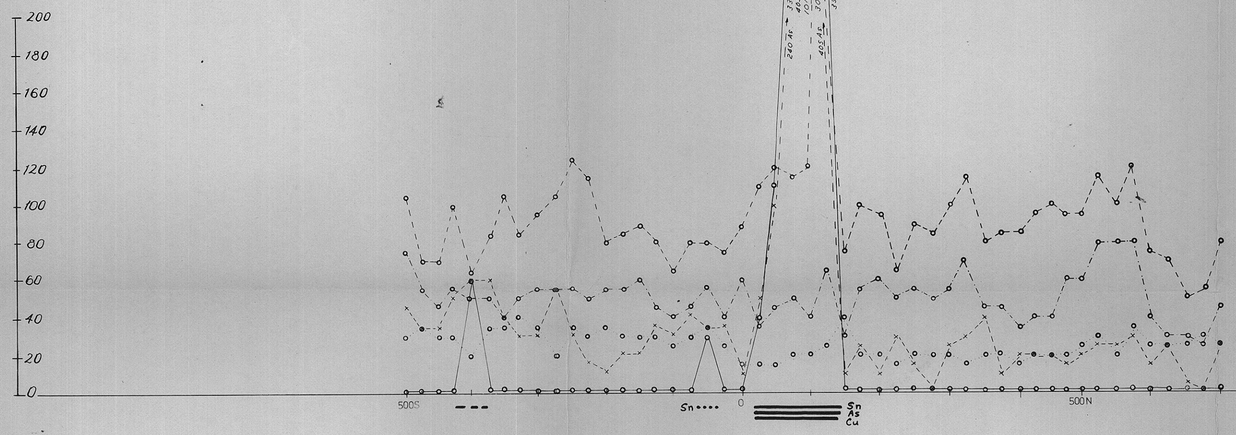
1893

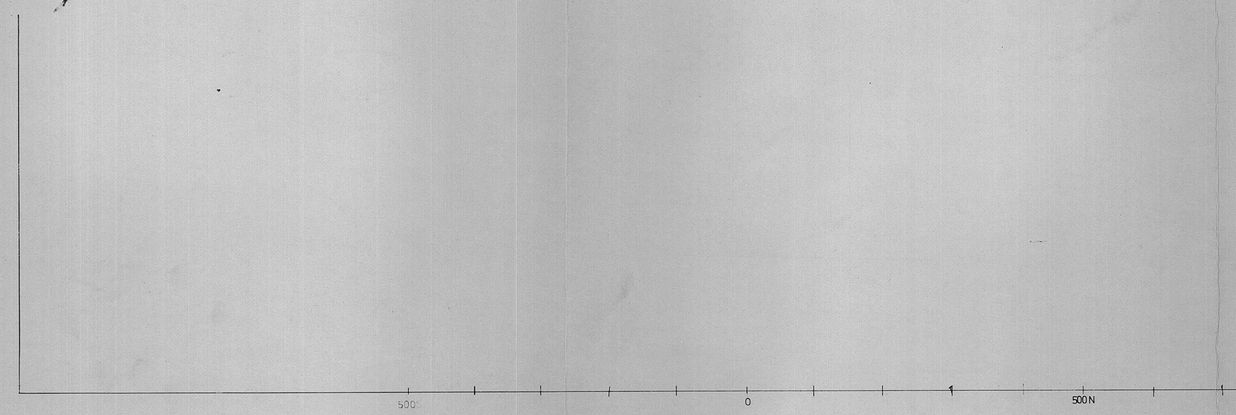


RENISON LIMITED
E.L. 18/73.
MT. LINDSAY GRID
LINE M.L. 10
75-1120
Vol. 2.
DRAWN R.R.S.
TRACED
DATE APRIL '74
SCALE 1:5000
DRAWING No. 6
SCALE. 1:5000 METRES.
Topography & Geology.
Height above Sea Level + 2000 m.
Total Magnetic Field (γ)
Fine Scale
Coarse Scale
I.P. Data
Resistivity in Ohm-Metres
Chargeability in Millivolts/Volt
Geochemistry
ppm.
E.L.
2/63
18/73
LICENCE BOUNDARY
LICENCE BOUNDARY
HARMAN ROAD
MAIN LODE
BASELINE
LOWER ROAD
TULLOCK CREEK
WALKING TRACK
SALMON CREEK
TWIN CREEKS ROAD
Crystal tuff
Hornfels
Quartzites & siltstones
Siltstones & shales
Tuffaceous shales
Chert
Sn
As

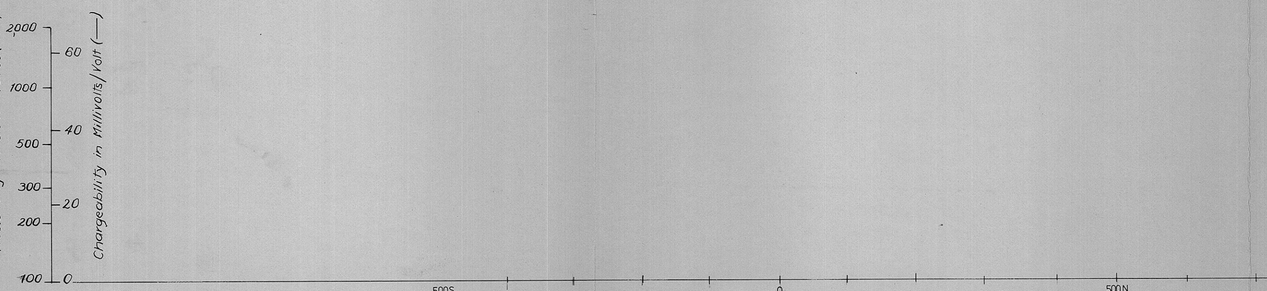
Geochemistry

ppm.

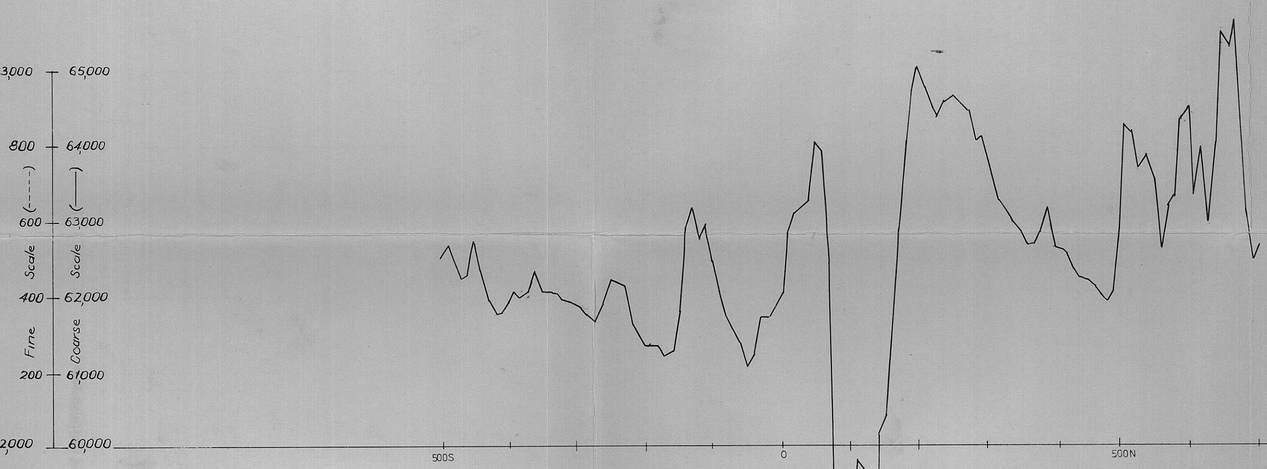




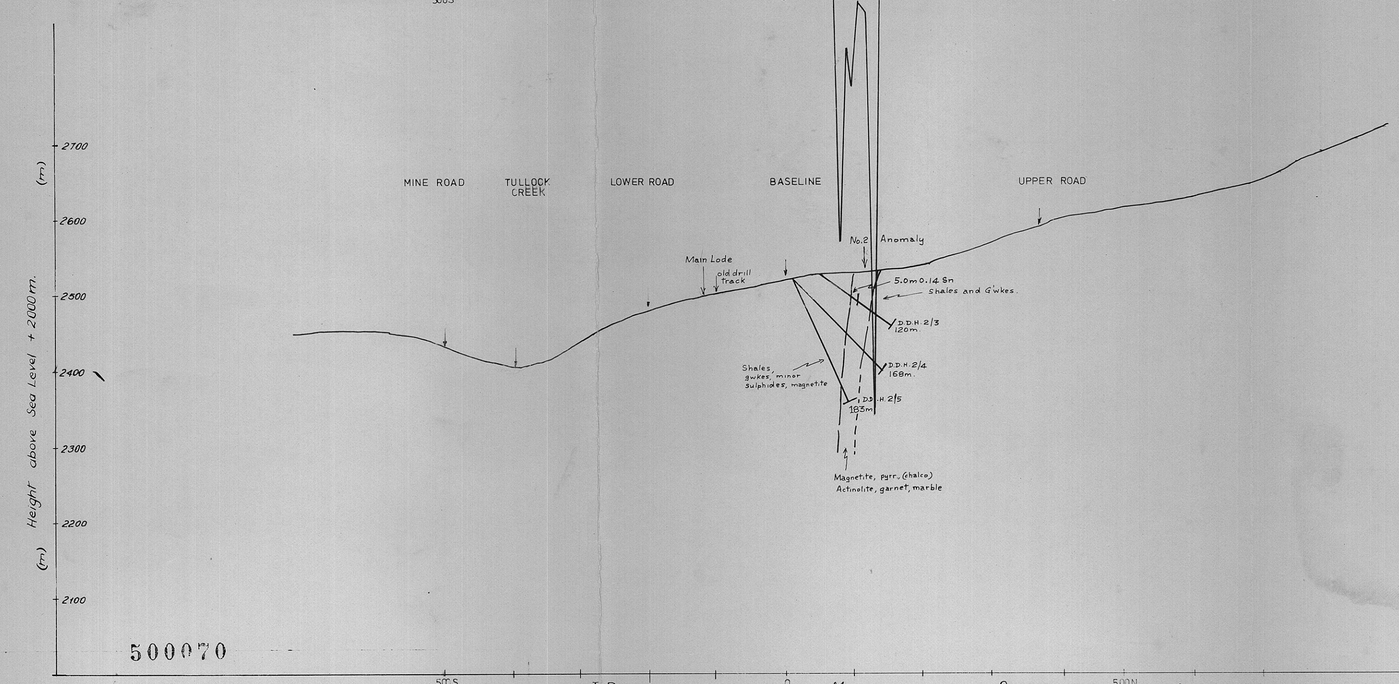
I.P. Data



Total Magnetic Field (δ)



Topography & Geology.



500070

RENISON LIMITED	DRAWN: R.R.S.
E.L. 2/63. 75-1120 Vol. 2.	TRACED:
MT. LINDSAY GRID.	DATE: May 1975.
LINE M.L. 10·5.	SCALE: 1:5000
SCALE. 1:5000 METRES. 100 0 100 200 300	DRAWING No. 6

I.P
Chargeability.
Resistivity.

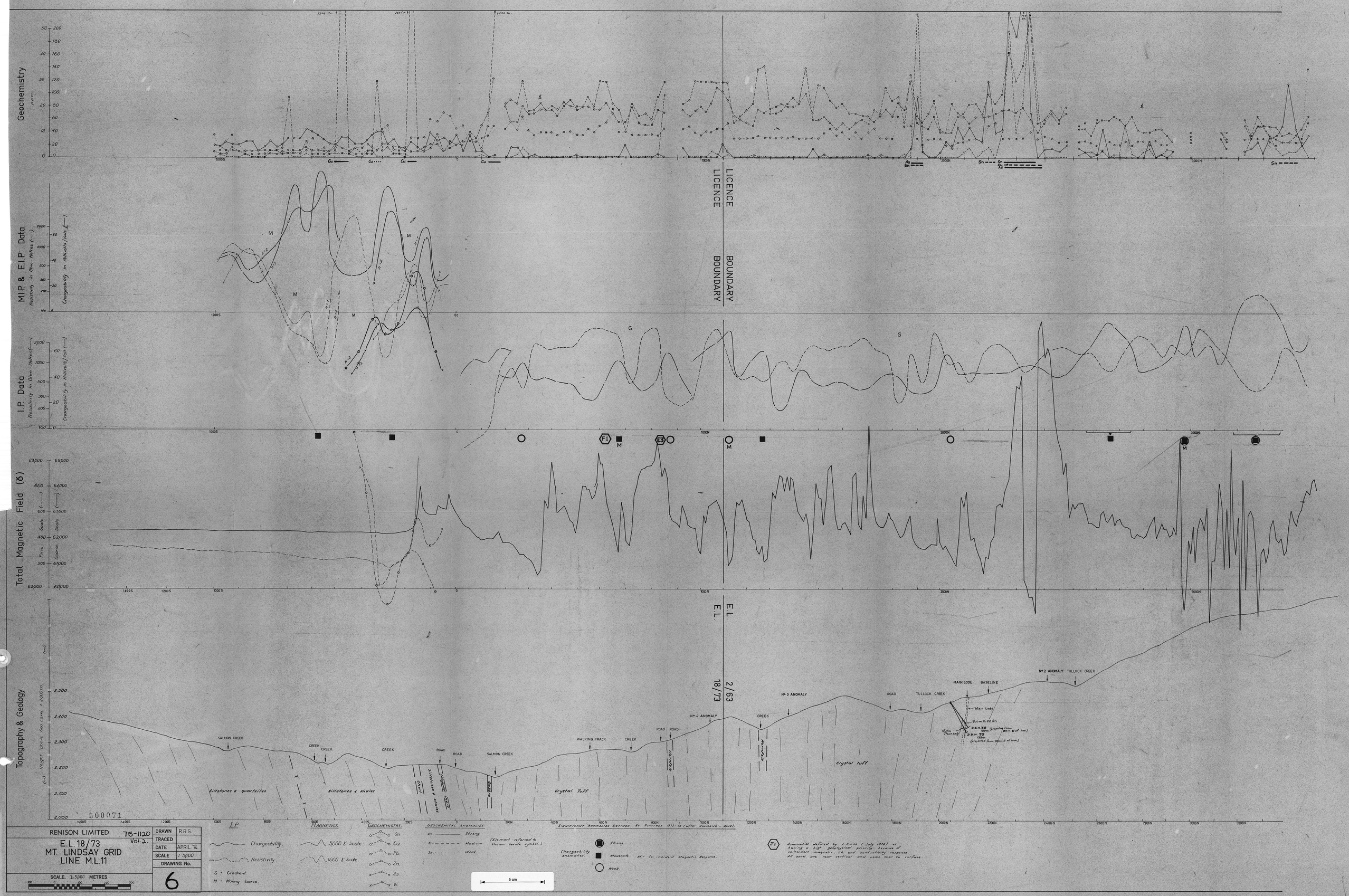
MAGNETICS.
5000 δ Scale.
1000 δ Scale.

GEOCHEMISTRY.
Sn
Cu.
Pb.
Zn.
As.
W.

5 cm

GEOCHEMICAL ANOMALIES.
Sn. ———— Strong.
Sn. – – – – Medium. (Element referred to shown beside symbol.)
Sn. ..... Weak.

1895



Geochemistry
ppm
M.I.P. & E.I.P. Data
Resistivity in Ohm-Metres (---)
Chargeability in Millivolts/Volt (—)
I.P. Data
Total Magnetic Field (γ)
Fine Scale (---)
Coarse Scale (—)
Topography & Geology
Height above Sea Level + 2000m
LICENCE BOUNDARY
LICENCE BOUNDARY
E.L. 2/63
E.L. 18/73
SALMON CREEK
CREEK
ROAD
WALKING TRACK
Nº 4 ANOMALY
Nº 3 ANOMALY
Nº 2 ANOMALY
TULLOCK CREEK
MAIN LODE
BASELINE
Siltstones & quartzites
Siltstones & shales
Crystal Tuff
Crystal tuff
Chert
Hornfels
Gabbro
500071
RENISON LIMITED
75-1120
Vol. 2.
E.L. 18/73
MT. LINDSAY GRID
LINE M.L.11
SCALE. 1:5000 METRES
DRAWN R.R.S.
TRACED
DATE APRIL '74
SCALE 1:5000
DRAWING No.
6
I.P.
Chargeability.
Resistivity
G = Gradient.
M = Moving Source.
MAGNETICS.
5000 γ Scale
1000 γ Scale
GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W.
GEOCHEMICAL ANOMALIES.
Sn. Strong.
Sn. Medium.
Sn. Weak.
(Element referred to shown beside symbol.)
SIGNIFICANT ANOMALIES DEFINED BY SCINTREX 1973-74 (after HOWLAND - ROSE).
Chargeability Anomalies.
Strong.
Moderate.
Weak.
M = Co-incident Magnetic Response.
Anomalies defined by J. Irvine (July 1974) as having a high geophysical priority because of coincident magnetic, I.P. and conductivity response. All zones are near vertical and come near to surface.
5 cm
1896

Geochemistry

ppm.

200 180 160 140 120 100 80 60 40 20 0

1400S 1000S 500S 0 400N

Sn ····

Sn Cu

As

I.P. Data

Resistivity in Ohm-Metres (----)

Chargeability in Millivolts/Volt (——)

2000 1000 500 300 200 100

60 40 20 0

1400S 1000S 500S 0 400N

Total Magnetic Field (δ)

Fine Scale (----)

Coarse Scale (——)

63,000 64,000 63,000 62,000 61,000 60,000

800 600 400 200

1400S 1000S 500S 0 400N

Topography & Geology.

Height above Sea Level + 2000 m. (m)

2700 2600 2500 2400 2300 2200 2100 (m)

CREEK

MINE ROAD CREEK

MINE ROAD

N°4 Anomaly

N°3 Anomaly

Tuffs.

Chert & Sulphides.

MINE ROAD

TULLOCK CK.

BASELINE

TULLOCK CK.

N°2 Anomaly.

Collar proj. 85mW

Collar proj. 20mW DDH 72 -45°

DDH 71 -45°

1.5m 1.24% Sn at surface

7.0m 0.24% Sn down hole (pyrr. mag. py.)

Min. Gadl.

Mt. Lindsay Open Cut.

Chert

Tuffs.

Chert & Sulphides & Skarn?

D.D.H. 4 0.8m.

Tuffs.

15m-0.17% Sn.

12m-0.08% Sn.

Tuffs.

Chlorite rock.

1400S 1000S 500S 0N 400N

500072

IP

Chargeability.

Resistivity.

MAGNETICS.

5000 γ Scale

1000 γ Scale

GEOCHEMISTRY.

Sn.

Cu.

Pb.

Zn.

As.

W.

GEOCHEMICAL ANOMALIES.

Sn. ———— Strong.

Sn. – – – – – Medium.

Sn. ····· Weak.

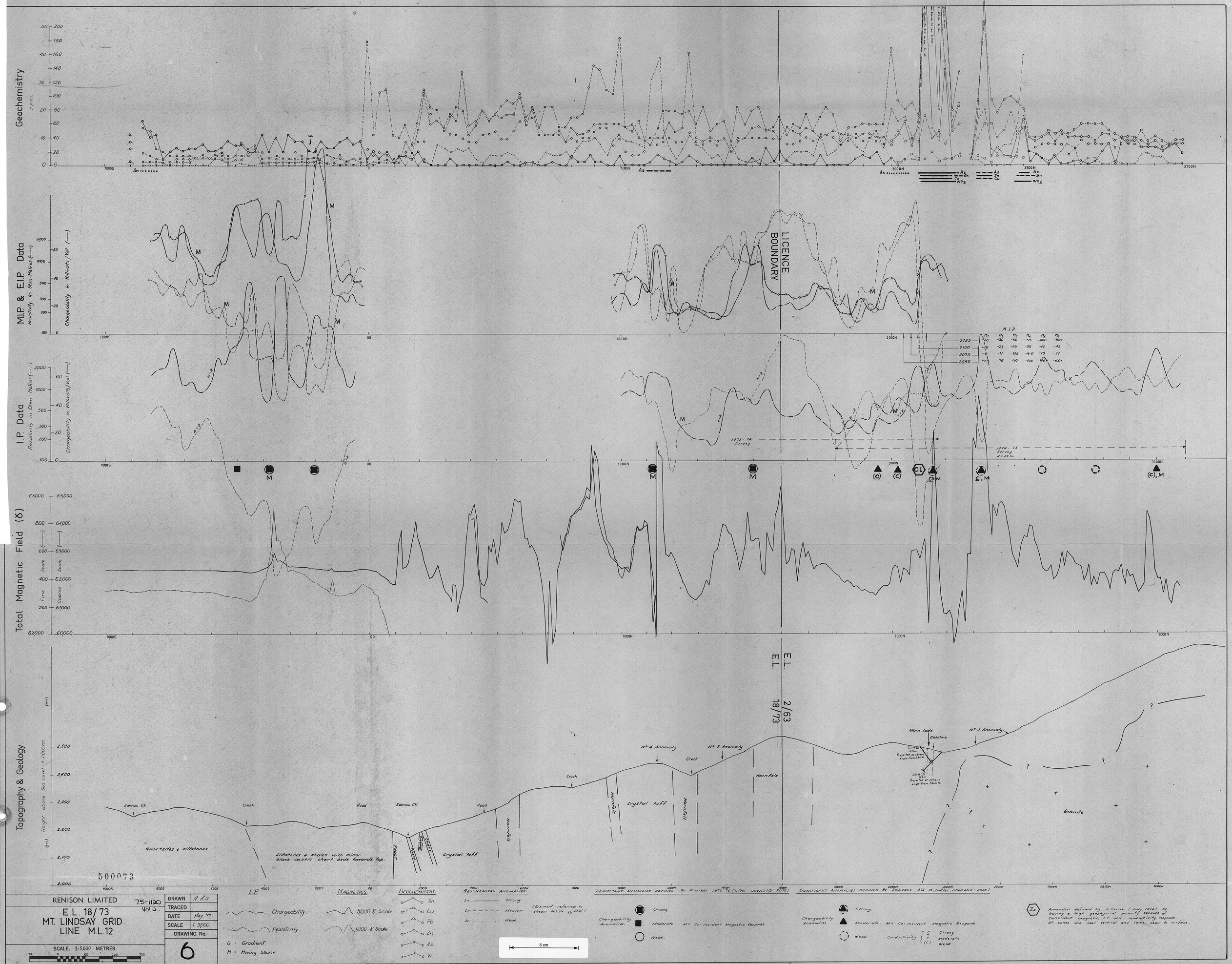
(Element referred to shown beside symbol.)

5 cm

RENISON LIMITED 75-1120 Vol. 2.	
E.L. 2/63. MT. LINDSAY GRID. LINE M.L. 11·5.	
DRAWN	R.R.S.
TRACED	
DATE	May 1975.
SCALE	1:5000
DRAWING No.	6

SCALE. 1:5000 METRES. 100 0 100 200 300

1897



Geochemistry
ppm.
M.I.P. & E.I.P. Data
Resistivity in Ohm-Metres (----)
Chargeability in Millivolts/Volt (—)
I.P. Data
Resistivity in Ohm-Metres (----)
Chargeability in Millivolts/Volt (—)
Total Magnetic Field (γ)
Fine Scale (----)
Coarse Scale (—)
Topography & Geology.
Height above Sea Level + 2000m. (m)
LICENCE BOUNDARY
E.L. 2/63
E.L. 18/73
Salmon Ck.
Creek
Road
Salmon Ck.
Road
Creek
Quartzites & siltstones
Siltstones & shales with minor black oolitic chert beds towards top.
Fault
Chert
Crystal tuff
Hornfels
Hornfels
Crystal tuff
Hornfels
Hornfels
Creek
Nº 4 Anomaly
Nº 3 Anomaly
Main Lode
Baseline
Nº 2 Anomaly
Granite
M.I.P.
1973-74 Survey
1974-75 Survey
500073
RENISON LIMITED
75-1120
Vol. 2.
E.L. 18/73
MT. LINDSAY GRID.
LINE M.L.12.
SCALE. 1:5000 METRES.
DRAWN R.R.S.
TRACED
DATE May '74.
SCALE 1:5000
DRAWING No.
6
I.P.
Chargeability.
Resistivity.
G = Gradient.
M = Moving Source
MAGNETICS.
5000 γ Scale
1000 γ Scale
GEOCHEMISTRY.
Sn.
Cu.
Pb.
Zn.
As.
W.
GEOCHEMICAL ANOMALIES.
Sn. Strong.
Sn. Medium.
Sn. Weak.
(Element referred to shown beside symbol.)
5 cm
SIGNIFICANT ANOMALIES DEFINED BY SCINTREX 1973-74 (after HOWLAND-ROSE)
Chargeability Anomalies.
Strong.
Moderate. M = Co-incident Magnetic Response.
Weak.
SIGNIFICANT ANOMALIES DEFINED BY SCINTREX 1974-75 (after HOWLAND-ROSE)
Chargeability Anomalies.
Strong.
Moderate. M = Co-incident Magnetic Response.
Weak.
Conductivity C Strong, C Moderate, (C) Weak
Z2 Anomalies defined by J. Irvine (July 1974) as having a high geophysical priority because of coincident magnetic, I.P. and conductivity response. All zones are near vertical and come near to surface.
1898

Geochemistry

ppm.

200 180 160 140 120 100 80 60 40 20 0

1000S 500S — — — Cu

Sn As Cu 0 — — — Sn 400N

1000S 500S 0 400N

LICENCE BOUNDARY E.L. 2/63.
E.L. 18/73

I.P. Data

Resistivity in Ohm-Metres (----)
Chargeability in Millivolts/Volt (——)

2000 1000 500 300 200 100
60 40 20 0

1000S 500S 0 400N

Total Magnetic Field (δ)

63,000 64,000 62,000 61,000 60,000
800 600 400 200
Fine Scale (----) Coarse Scale (——)
62000

1000S 500S 0 400N

Topography & Geology.

(m) Height above Sea Level + 2000m.

2700 2600 2500 2400 2300 2200 2100 (m)

CREEK
N°.4 Anomaly.
CREEK
N°.3 Anomaly.
Tuffs & Argillite.
Tuffs.
Chert & Cherty Tuffs.
BASELINE
DDH 12 -45°
Main Lode.
Trench
Helipart track
Projected east 40m
7m 0.33 Sn
3m
6.1m
7m Low Grade
D.D.H 13
80m
Projected E 15m
Collar location inaccurate?
D.D.H 31
210m
4.0m 0.15 Sn
Hole terminated in lode material
N°.2 Anomaly.
Tuffs.
Tuffs.
Tuffs.
Granite.
Sandy Loam Valley.

500074

1000S 500S 0 400N

IP
Chargeability.
Resistivity.

MAGNETICS.
5000 γ Scale.
1000 γ Scale.

GEOCHEMISTRY.
Sn.
Cu.
Pb.
Zn.
As.
W.

GEOCHEMICAL ANOMALIES.
Sn. ——— Strong.
Sn. — — — — Medium.
Sn. . . . . Weak.
(Element referred to shown beside symbol.)

5 cm

RENISON LIMITED 75-1120 Vol.2.	
E.L.2/63 & E.L.18/73. MT. LINDSAY GRID. LINE M.L. 12·5.	
SCALE. 1:5000 METRES. 100 0 100 200 300	
DRAWN	R.R.S.
TRACED	
DATE	May 1975.
SCALE	1:5000
DRAWING No.	6

1899

Geochemistry

p.p.m.

200 180 160 140 120 100 80 60 40 20 0

Sn — As

Sn - - - ..... 1000N --- Cu Sn

As Sn 2000N As Cu Wo Sn 2400N

LICENCE BOUNDARY

LICENCE BOUNDARY

M.I.P. & E.I.P. Data

Resistivity in Ohm-Metres (----) 2,000 1,000 500 300 200 100

Chargeability in Millivolts/Volt (——) 60 40 20 0

a = 50m. (1973-74 Survey)

n=3 n=2 n=1

n=1

200S 0 200N

M F1 M D1 M M M M

a=12.5 (1974-75 Survey)

0.4 a=12.5

I.P. Data

Resistivity in Ohm-Metres (----) 2000 1000 500 300 200 100

Chargeability in Millivolts/Volt (——) 60 40 20 0

0 1000N 2000N 2400N

Total Magnetic Field (δ)

63000 800 600 400 200 62000

Fine Scale (----)

65000 64000 63000 62000 61000 60000

Coarse Scale (——)

400S 0 1000N 2000N 2400N

E.L. 2/63

E.L. 18/73

Topography & Geology.

(m) Height above Sea Level + 2000m. (m)

2,500 2,400 2,300 2,200 2,100 2,000

CREEK ROAD SALMON CREEK ROAD CREEK CREEK No. 4 ANOMALY CREEK No. 3 ANOMALY No. 2 ANOMALY

Siltstones & shales with minor black oolitic cherts near top.

Siltstone Chert Siltstone & tuffs crystal tuffs

There appears to be several mineralised zones present in these holes. Several legs are missing.

MAIN LODE BASELINE

D.D.H. 9 D.D.H. 11 D.D.H. 30 D.D.H. 10 (no leg of this hole is available)

5.0m 0.05Sn 8.0m 0.24Sn 7.0m 1.78Sn 5.0m 0.15Sn

500075

4005 2005 0 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N

I.P. MAGNETICS GEOCHEMISTRY

Chargeability. Resistivity. 5000 δ Scale 1000 δ Scale Sn Cu Pb Zn As W.

GEOCHEMICAL ANOMALIES.

Sn. ——— Strong.

Sn. - - - - - Medium. (Element referred to shown beside symbol.)

Sn. ..... Weak.

SIGNIFICANT ANOMALIES DEFINED BY SCINTREX 1973-74 (after NOWLAND-ROSE)

Chargeability Anomalies. Strong. Moderate. M = Co-incident Magnetic Response. Weak.

Z2 Anomalies defined by J. Irvine (July 1974) as having a high geophysical priority because of coincident magnetic, I.P. and conductivity response. All zones are near vertical and come near to surface.

5 cm

RENISON LIMITED 75-1120 Vol 2.	
E.L. 18/73	
MT. LINDSAY GRID.	
LINE M.L. 13	
SCALE. 1:5000 METRES. 100 0 100 200 300	

DRAWN	R.R.S.
TRACED	F.A.C.
DATE	MAY '74.
SCALE	1:5000.
DRAWING No.	6

1800

Geochemistry

ppm.

200 180 160 140 120 100 80 60 40 20 0

1000S 500S 0 350N

Cu ..... Sn ..... Sn ..... Sn — — — Sn As Sn As Cu

LICENCE BOUNDARY E.L.2/63

E.L. 18/73.

I.P. Data

Resistivity in Ohm - Metres (----)

Chargeability in Millivolts/Volt (——)

2000 1000 500 300 200 100

60 40 20 0

1050S 1000S 500S 0 350N

Total Magnetic Field (δ)

63,000 65,000

800 64,000

600 63,000

400 62,000

200 61,000

62,000 60,000

Fine Scale (----) Coarse Scale (——)

1050S 1000S 500S 0 350N

Topography & Geology.

(m) Height above Sea Level + 2000m. (m)

2700 2600 2500 2400 2300 2200 2100

CREEK

N°1 Anomaly.

N°3 Anomaly.

BASELINE

Main Lode.

DDH 5 -45°

trench 10m West of line.

collar projected 15m W.

Western Adit

Weathered sulphide & gossan.

N°2 Anomaly.

Collar projected 30m W.

DDH 2,6+2,7 -45°, -38°.

Crystal Tuffs.

Granite.

1050S 1000S 500S 0 350N

500076

RENISON LIMITED 75-1120 Vol.2.

E.L. 2/63 & E.L. 18/63

MT. LINDSAY GRID.

LINE M.L. 13·5.

SCALE. 1:5000 METRES.

100 0 100 200 300

DRAWN	R.R.S.
TRACED	
DATE	May 1975.
SCALE	1·5000
DRAWING No.	6

IP

Chargeability.

Resistivity.

MAGNETICS.

5000 γ Scale.

1000 γ Scale.

GEOCHEMISTRY.

Sn. Cu. Pb. Zn. As. W.

GEOCHEMICAL ANOMALIES.

Sn. —— Strong.

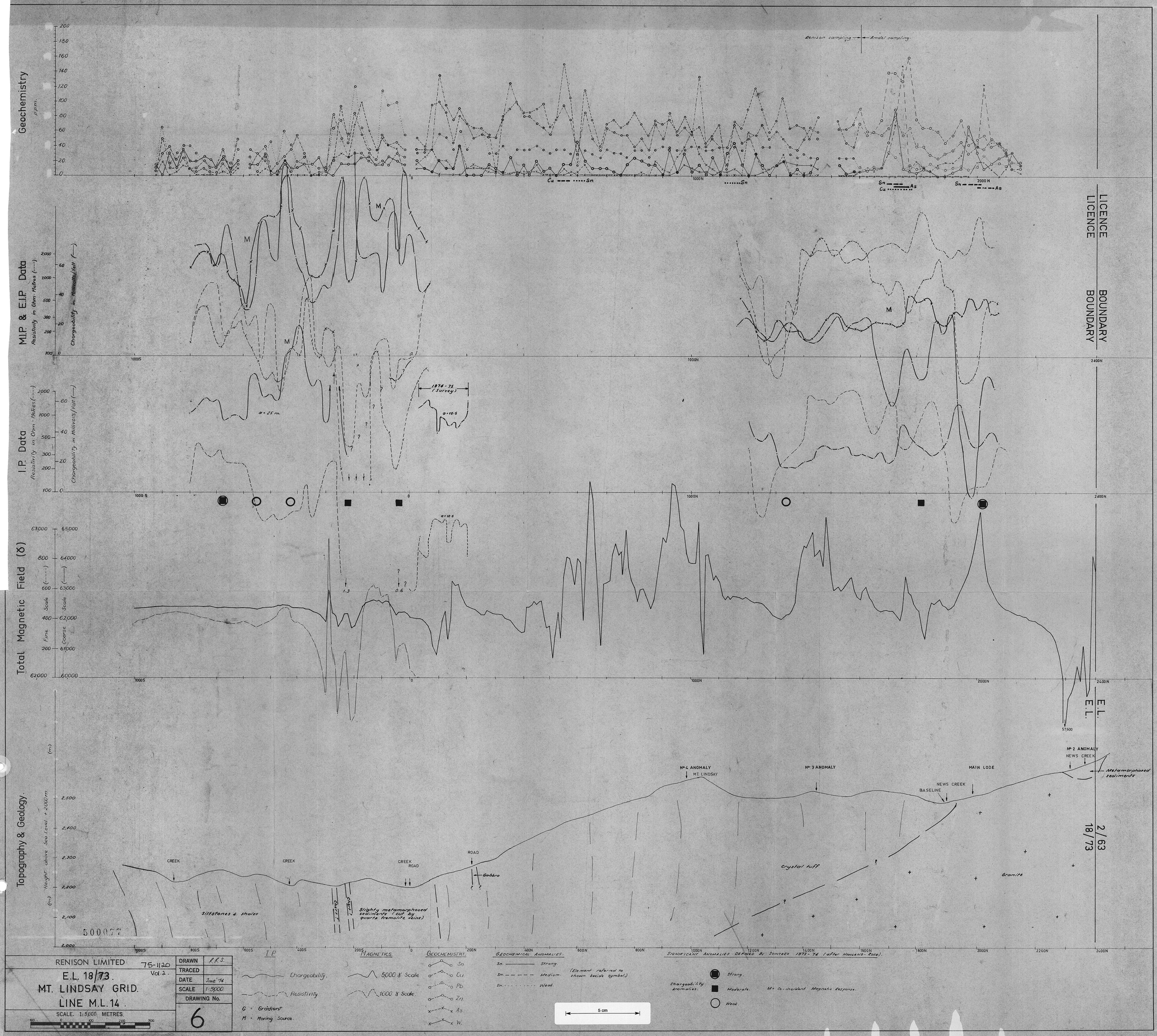
Sn. — — — Medium.

Sn. ..... Weak.

(Element referred to shown beside symbol.)

5 cm

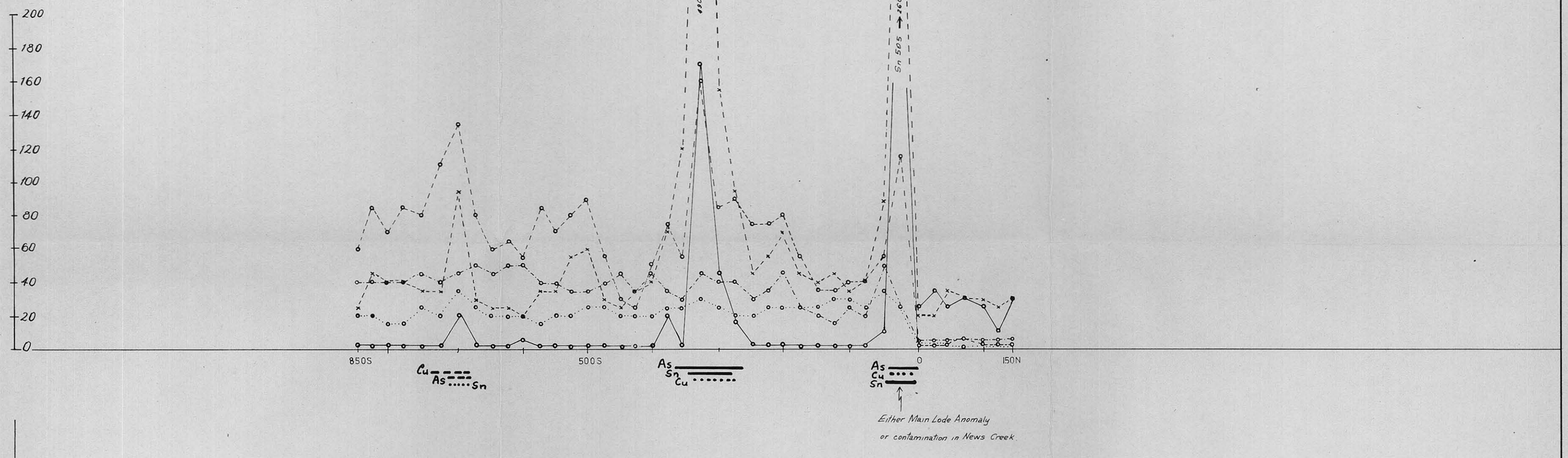
1901



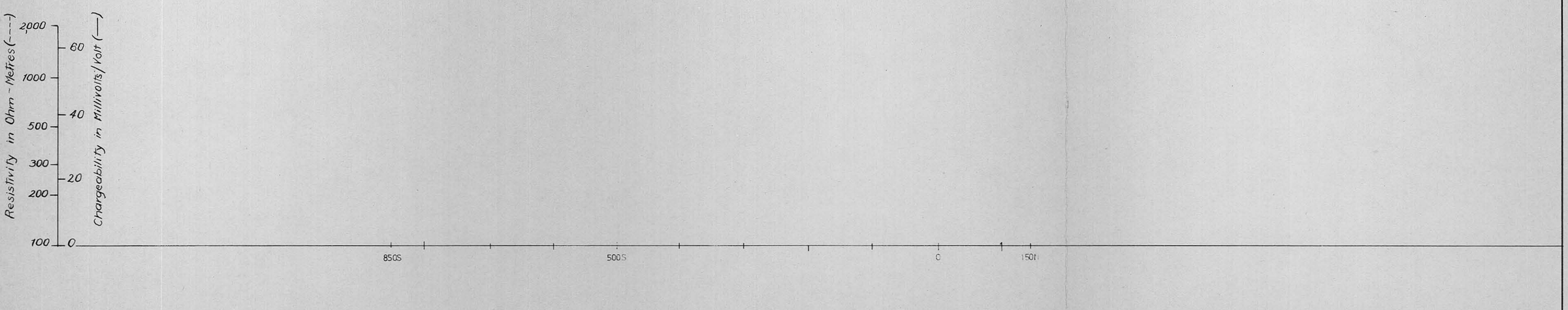
Geochemistry
ppm.
Renison sampling
Amdel sampling
Cu
Sn
As
M.I.P. & E.I.P. Data
Resistivity in Ohm-Metres (----)
Chargeability in Millivolts/Volt (——)
I.P. Data
Resistivity in Ohm-Metres (----)
Chargeability in Millivolts/Volt (——)
1974-75 (Survey)
a = 25 m.
a = 12.5
Total Magnetic Field (γ)
Fine Scale (----)
Coarse Scale (——)
Topography & Geology.
Height above Sea Level + 2000 m.
(m)
CREEK
ROAD
Gabbro
Siltstones & shales
Slighty metamorphosed sediments (cut by quartz tremolite veins)
Nº 4 ANOMALY
MT. LINDSAY
Nº 3 ANOMALY
MAIN LODE
NEWS CREEK
BASELINE
Nº 2 ANOMALY
Metamorphosed sediments
Crystal tuff
Granite
LICENCE BOUNDARY
E.L.
2/63
18/73
500077
RENISON LIMITED
75-1120
Vol. 2.
E.L. 18/73.
MT. LINDSAY GRID.
LINE M.L. 14.
SCALE. 1:5000 METRES.
DRAWN R.R.S.
TRACED
DATE June '74.
SCALE 1:5000
DRAWING No.
6
I.P.
Chargeability.
Resistivity.
G = Gradient
M = Moving Source.
MAGNETICS.
5000 γ Scale
1000 γ Scale.
GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W.
GEOCHEMICAL ANOMALIES.
Sn. Strong.
Sn. Medium.
Sn. Weak.
(Element referred to shown beside symbol.)
SIGNIFICANT ANOMALIES DEFINED BY SCINTREX 1973-74 (after HOWLAND-ROSE).
Chargeability Anomalies.
Strong.
Moderate.
Weak.
M = Co-incident Magnetic Response.
5 cm
1902

Geochemistry

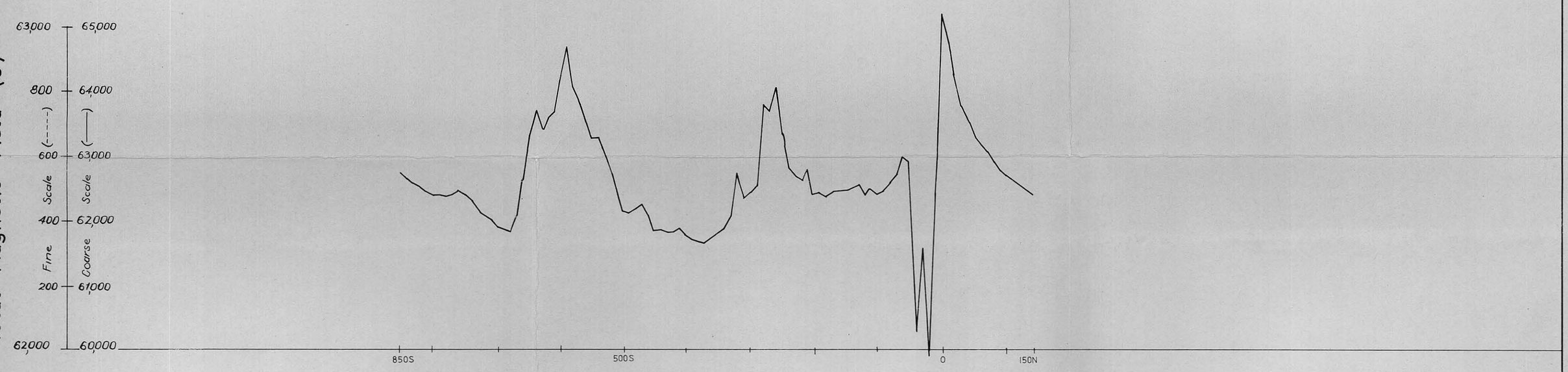
ppm.



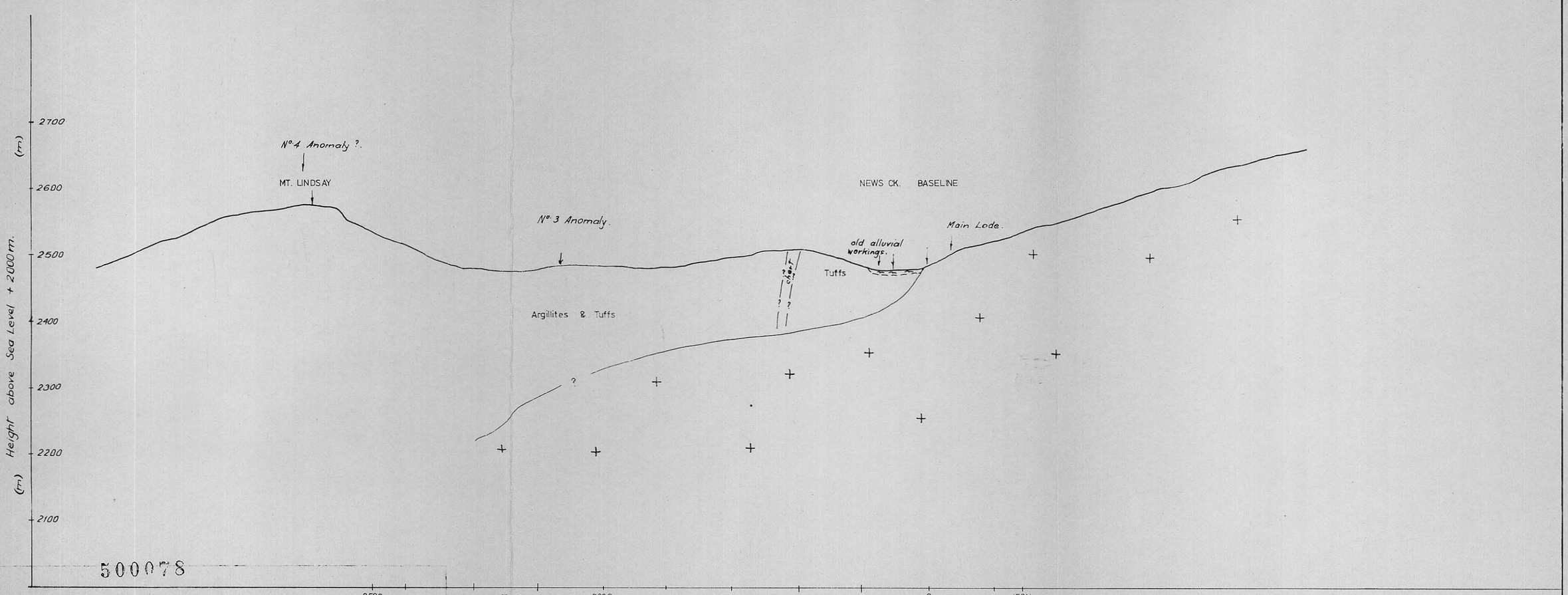
I.P. Data



Total Magnetic Field (δ)



Topography & Geology.



500078

RENISON LIMITED 75-1120 Vol. 2.	DRAWN: R. R. S.
E.L. 18/73.	TRACED:
MT. LINDSAY GRID.	DATE: May 1975.
LINE M.L. 14·5.	SCALE: 1:5000
SCALE. 1:5000 METRES. 100 0 100 200 300	DRAWING No. 6

IP
Chargeability.
Resistivity.

MAGNETICS.
5000 γ Scale.
1000 γ Scale.

GEOCHEMISTRY.
Sn.
Cu.
Pb.
Zn.
As.
W.

GEOCHEMICAL ANOMALIES.
Sn. ———— Strong.
Sn. – – – – – Medium.
Sn. ····· Weak.
(Element referred to shown beside symbol)

5 cm

1903

Geochemistry

ppm.

200 180 160 140 120 100 80 60 40 20 0

As —— Sn --- ---- Sn

Sn ——

Sn ··· Sn ·-·· ··· Sn

As — — ·····As

Sn ·-·· — — — Sn
As
Cu —— Cu

Sn —— ·····Cu —— Sn

0 1000N 2000N 2500N

I.P. Data

Resistivity in Ohm - Metres (----)

Chargeability in Millivolts/Volt (——)

2000 1000 500 300 200 100

60 40 20 0

0 1000N 2000N 2400N

-M (M) M M B2

Total Magnetic Field (δ)

63,000 64,000 65,000

800 600 400 200

Fine Scale (----)

Coarse Scale (——)

62,000 63,000 64,000

61,000 62,000 60,000

0 1000N 2000N 2400N

Topography & Geology.

(m) Height above Sea Level + 2000 m. (m)

2,500 2,400 2,300 2,200 2,100 2,000

Nº 4 ANOMALY
MT. LINDSAY

CREEK, Nº 3 ANOMALY

MAIN LODE
NEWS CREEK

CREEK CREEK

Siltstones & shales

Altered siltstones, shales & tuffs.

Crystal tuff

Granite

500079

200S 0 200N 400N 600N 800N 1000N 1200N 1400N 1600N 1800N 2000N 2200N 2400N

I P
Chargeability.
Resistivity.

MAGNETICS.
5000 δ Scale.
1000 δ Scale.

GEOCHEMISTRY.
Sn
Cu.
Pb
Zn
As
W.

GEOCHEMICAL ANOMALIES.
Sn. —— Strong.
Sn. — — — — Medium.
Sn. ····· Weak.
(Element referred to shown beside symbol.)

Chargeability Anomalies.
Strong.
Moderate
Weak.

M= Co-incident Magnetic Response.

SIGNIFICANT ANOMALIES DEFINED BY SCINTREX 1973-74 (after HOWLAND-ROSE)

Zz Anomalies defined by J. Irvine (July 1974) as having a high geophysical priority because of co-incident magnetic, I.P. and conductivity response. All zones are near vertical and come near to surface.

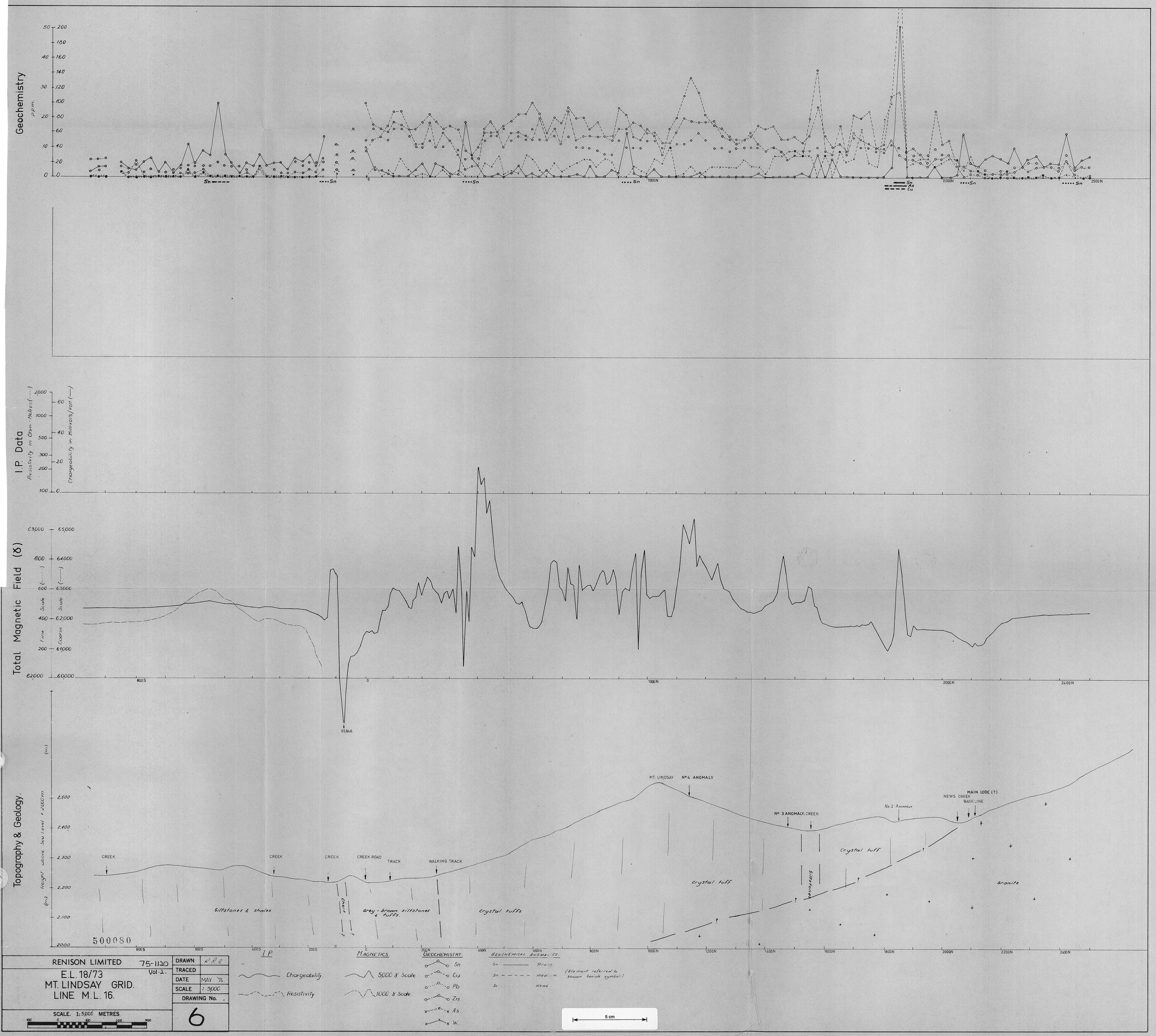
5 cm

RENISON LIMITED 75-1120 Vol.2.
E.L. 18/73
MT. LINDSAY GRID
LINE M.L.15

SCALE. 1:5000 METRES.
100 0 100 200 300

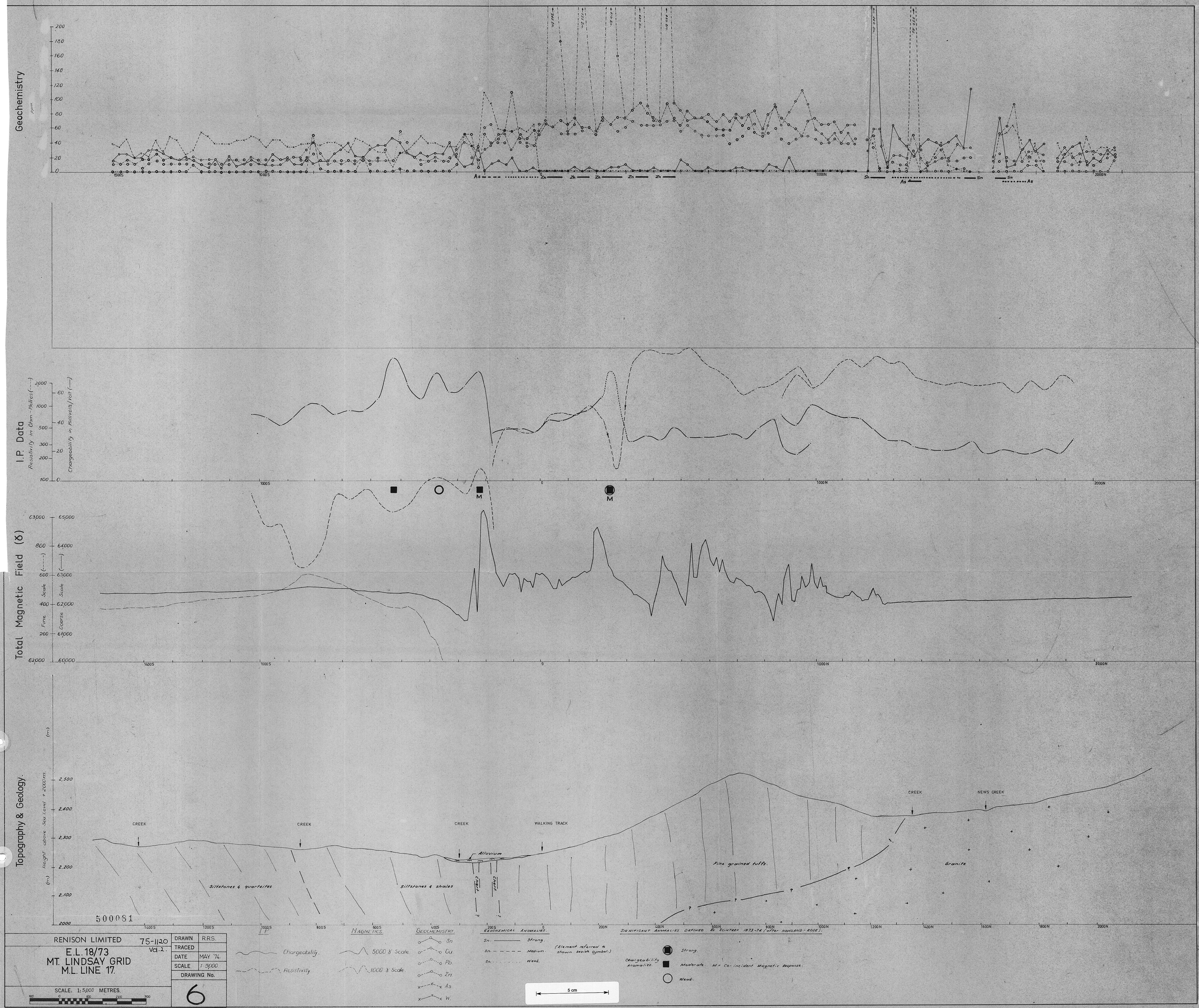
DRAWN	R.R.S.
TRACED	
DATE	MAY '74
SCALE	1:5000
DRAWING No.	6

1904



RENISON LIMITED	75-1120 Vol. 1.	DRAWN	R.R.S.
E.L. 18/73		TRACED	
MT. LINDSAY GRID.		DATE	MAY '74.
LINE M.L. 16.		SCALE	1:5000
		DRAWING No.	6
SCALE. 1:5,000 METRES.			

1905



Geochemistry
ppm
I.P. Data
Resistivity in Ohm-Metres (---)
Chargeability in Millivolts/Volt (—)
Total Magnetic Field (γ)
Fine Scale (----)
Coarse Scale (—)
Topography & Geology.
Height above Sea Level + 2000 m.
CREEK
WALKING TRACK
NEWS CREEK
Alluvium
Siltstones & quartzites
Siltstones & shales
Chert
Fine grained tuffs.
Granite
M
500081
RENISON LIMITED
75-1120
Vol. 2.
E.L. 18/73
MT. LINDSAY GRID
M.L. LINE 17.
DRAWN R.R.S.
TRACED
DATE MAY '74.
SCALE 1:5000
DRAWING No.
6
SCALE. 1:5,000 METRES.
IP
Chargeability.
Resistivity
MAGNETICS.
5000 γ Scale.
1000 γ Scale.
GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W.
GEOCHEMICAL ANOMALIES.
Sn. Strong.
Sn. Medium.
Sn. Weak.
(Element referred to shown beside symbol.)
SIGNIFICANT ANOMALIES DEFINED BY SCINTREX 1973-74 (after HOWLAND-ROSE).
Chargeability Anomalies.
Strong.
Moderate. M = Co-incident Magnetic Response.
Weak.
5 cm

1906

Geochemistry

ppm.

50 — 200
180
40 — 160
140
30 — 120
100
20 — 80
60
10 — 40
20
0 — 0

315 Zn.
160 Zn.
420 Zn.

900 S | 1000 N | 1500 N

Sn ···· Sn ···· Zn ····· Zn —— Zn —— Zn —— Zn ——

LICENCE BOUNDARY

I.P. Data

Resistivity in Ohm - Metres (----)
Chargeability in Millivolts/Volt (——)

2000 — 60
1000
500 — 40
300
200 — 20
100 — 0

Total Magnetic Field (δ)

63,000 — 65,000
800 — 64,000
600 — 63,000
400 — 62,000
200 — 61,000
62,000 — 60,000

Fine Scale (----) Coarse Scale (——)

800S | 0 | 1000 N | 1400N

E.L. 18/73

Topography & Geology.

(m) Height above Sea Level + 2000 m. (m)

2,500
2,400
2,300
2,200
2,100
2,000

CREEK
WALKING TRACK
NEWS CREEK
Chert
Siltstones & shales
Fine grained tuffs.
Granite

800S | 600S | 400S | 200S | 0 | 200N | 400N | 600N | 800N | 1000N | 1200N | 1400N

500082

I.P
Chargeability.
Resistivity.

MAGNETICS.
5,000 γ Scale.
1000 γ Scale.

GEOCHEMISTRY.
Sn.
Cu.
Pb.
Zn.
As.
W.

GEOCHEMICAL ANOMALIES.
Sn. ——— Strong.
Sn. – – – – Medium.
Sn. ····· Weak.
(Element referred to shown beside symbol.)

5 cm

RENISON LIMITED	75-1120 Vol·2.
E.L.18/73 MT. LINDSAY GRID LINE M.L.18	
SCALE. 1:5,000 METRES. 100 0 100 200 300	

DRAWN	R.P.S.
TRACED	
DATE	MAY '74
SCALE	1:5000
DRAWING No.	6

1907

Geochemistry

p.p.m.

50 — 200
40 — 160
30 — 120
20 — 100
10 — 80
0 — 60
40
20
0

500 S — 0 — 1000 N — 1500 N

Sn

Possible granite background or contamination by News Creek.

LICENCE BOUNDARY

I.P. Data

Resistivity in Ohm - Metres (----)
Chargeability in Millivolts/Volt (——)

2000 — 60
1000 — 40
500 — 30
300 — 20
200
100 — 0

0 — 1000 N

Total Magnetic Field (δ)

63,000 — 65,000
800 — 64,000
600 — 63,000
400 — 62,000
200 — 61,000
62,000 — 60,000

(----) Fine Scale
(——) Coarse Scale

400 S — 0 — 1000 N — 1400 N

E.L. 18/73

Topography & Geology.

(m) Height above Sea Level + 2000 m.

2,500
2,400
2,300
2,200
2,100
2,000

WALKING TRACK
NEWS CREEK
Siltstones & Shales
Crystal tuff.
Granite
500083

400 S — 200 S — LP — 200 N — 400 N — 600 N — 800 N — 1000 N — 1200 N — 1400 N

MAGNETICS.
Chargeability.
Resistivity
5000 δ Scale
1000 δ Scale

GEOCHEMISTRY.
Sn
Cu
Pb
Zn
As
W

GEOCHEMICAL ANOMALIES.
Sn. ——— Strong.
Sn. - - - - - Medium.
Sn. . . . . Weak.
(Element referred to shown beside symbol.)

5 cm

RENISON LIMITED 75-1120 Vol. 2.

E.L. 18/73
MT. LINDSAY GRID
LINE M.L. 19

SCALE. 1:5000 METRES.
100 0 100 200 300

DRAWN	R.R.S.
TRACED	
DATE	MAY '74.
SCALE	1:5000
DRAWING No.	

6

1908

Geochemistry

ppm.

200 180 160 140 120 100 80 60 40 20 0

500 S — 0 — 1000 N

Sn ---- ---- Sn

Zn ---

Zn — Zn

240 Zn.

340 Zn.

LICENCE BOUNDARY

I.P. Data

Resistivity in Ohm - Metres (- - -)

Chargeability in Millivolts/Volt (——)

2000 1000 500 300 200 100

60 40 20 0

Total Magnetic Field (δ)

63,000 — 65,000

800 — 64,000

600 — 63,000

400 — 62,000

200 — 61,000

62,000 — 60,000

(- - - -) Fine Scale

(——) Coarse Scale

400S — 0 — 1000N

E.L. 18/73

Topography & Geology.

Height above Sea Level + 2000 m. (m)

2,500 2,400 2,300 2,200 2,100 2,000

WALKING TRACK

NEWS CREEK

Siltstones & shales

Siliceous tuff

Soft weathered siltstones & tuffs.

Tuffs

Granite

500084

400S 200S 0 200N 400N 600N 800N 1000N

IP

Chargeability.

Resistivity

MAGNETICS

5000 δ Scale

1000 δ Scale

GEOCHEMISTRY.

Sn

Cu.

Pb.

Zn.

As.

W.

GEOCHEMICAL ANOMALIES.

Sn. —— Strong.

Sn. - - - - - Medium.

Sn. . . . . Weak.

(Element referred to shown beside symbol.)

5 cm

RENISON LIMITED 75-1120 Vol.2.

E.L. 18/73
MT. LINDSAY GRID
M.L. LINE 20

SCALE. 1:5000 METRES

100 0 100 200 300

DRAWN	R.R.S
TRACED	
DATE	MAY '74
SCALE	1:5000
DRAWING No.	

6

1909