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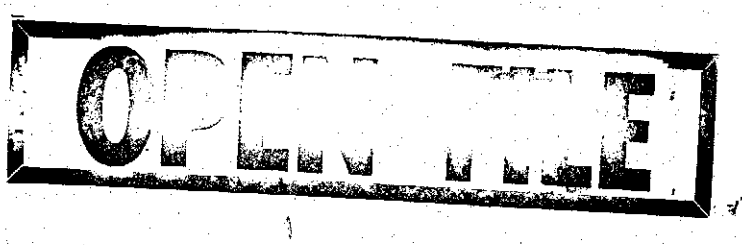

E.L. 2/63 AND E.L. 18/73

MT. LINDSAY AREA

WESTERN TASMANIA

ANNUAL REPORT 1974-75

L.A. Newnham
CHIEF GEOLOGIST

August, 1975.

Copies To:

C.G.F.A.	(1)
Cominco	(2)
Tas. Mines Dept.	(2)
Renison	(2)

AMG REFERENCE POINTS ADDED

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1. SUMMARY:

During 1974-75, exploration for replacement type orezones of Devonian age in the Mt. Lindsay area progressed satisfactorily by way of detailed soil sampling and ground geophysical surveys.

This work has succeeded in defining a number of targets which justify diamond drilling.

A program of 6 - 7 drill holes is recommended for the 1975-76 summer in order to test these targets.

$151,171 were spent in the area during the year, bringing total expenditure since October 1972 to $316,860.

A total budget of $120,000 is proposed for the 1975-76 year.

2. INTRODUCTION:

By the end of the 1973-74 year, ground and airborne geophysical surveys combined with very limited geochemical soil sampling and mapping programs had succeeded in defining two broad anomalous areas within E.L.'s 2/63 and 18/73 which justified detailed exploration, viz. the Misty Valley and Mt. Lindsay Grid Areas.

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Thus it was decided that detailed ground geophysical surveys and soil sampling programs should be undertaken in these areas during 1974-75, with a view to closely defining targets worthy of diamond drilling in the 1975-76 summer, the primary search target being Devonian replacement type deposits.

The regional location of the two Exploration Licence areas together with the two gridded areas of interest are shown on the attached Location Map. (Map 1).

The 1974-75 field season was directed and supervised by Rene Schellekens who was unfortunately unavailable to compile this report. However, acknowledgement is here made of his efforts during the year, often under extremely difficult conditions.

3. PREVIOUS WORK:

As seen by the extensive bibliography attached to this report, there has been a considerable amount of previous exploration undertaken on the Mt. Lindsay area.

This work is summarised below:-

(a) 1959: Airborne E.M. - magnetic survey by Rio Tinto.

(b) 1963-1965: In addition to mapping, geochemical and geophysical surveys 18 diamond drill holes were drilled into the Mt. Lindsay Mine Main Ore Zone.

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A further 4 holes were drilled into the No.1 Anomaly Zone to the south of the Main Ore Zone.
As a result of this drilling, the Main Ore Zone potential reserve was calculated as 208,000 tonnes of 0.83% Sn.

(c) 1969: Seven holes were diamond drilled to test the No.2 Anomaly Zone to the north of the Main Ore Zone. No economic mineralisation was located in a magnetite-sulphide rich zone.

(d) 1970-1972: Regional and semi-detailed I.P., S.P., magnetic and geochem. surveys undertaken by Paringa between Mt. Lindsay and the Pieman River.

(e) October, 1972: J./V. Agreement signed between Aberfoyle Companies - Renison - C.G.F.A.

(f) 1972-1974: Airborne E.M. - magnetic survey followed by ground geophysical, geochemical and geological surveys in the Mt. Lindsay and Misty Valley Grid Areas.

4. EXPLORATION COMPLETED 1974-75:

Work completed during 1974-75 was confined to the Mt. Lindsay Grid area and was designed to follow up, by way of detailed surveys, anomalous zones defined by the previous year's surveys.

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The following work was completed:

(a) Extension of the access road to the Mt. Lindsay Mine and onto the No.2 Anomaly Zone area, with a branch road to the No.1 anomaly Zone.

(b) Extension of several grid lines to cover possible anomaly extensions and the cutting of several intermediate lines to further detail anomalous zones.

(c) Detailed ground magnetic surveys on these intermediate lines.

(d) Soil sampling at 25m intervals of the whole Mt. Lindsay Grid, with samples being assayed for Sn, WO_3, Cu, Pb, Zn, As in the - 80 mesh fraction.

(e) Follow up detailed soil sampling at variable depths and at 12.5m intervals over geochemically anomalous zones as defined by the initial geochemical survey.

(f) A detailed I.P. survey over specific areas of interest on the grid. Unfortunately this survey was severely curtailed by inclement weather.

The results of the above programs are discussed in more detail below.

No additional geological information is contained in this report, and the reader is referred to the 1973-74 Annual Report for a geological summary.

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4.1. Road and Traverse Line Construction:

All existing roads and traverse lines are shown on the attached 1:10,000 Geology Map. (Map 2).

The access road was extended to the Mt. Lindsay Mine and then one branch pushed N.E. into the No.2 Anomaly Zone, and a second branch pushed S.E. into the No.1 Anomaly Zone.

Traverse lines 1, 3, 5, 7, were extended to the north to more fully cover I.P. anomalous zones defined during the 1973-74 surveys.

Intermediate lines 4.5, 6.5, 8.5, 9.5, 10.5, 11.5, 12.5, 13.5, 14.5 were cut over I.P. anomaly zones, to facilitate more detailed surveys.

The roads and some traverse line points were all surveyed by the Renison Survey Section.

4.2. Magnetic Surveys:

Additional magnetic surveys were completed on all the intermediate lines.

Duplicate readings were taken every 10m along the lines with a G816 proton precession magnetometer.

The results are plotted in profile form on the 1:5000 composite profiles attached to this report, and are presented in a stacked profile form on the attached Map 4.

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Irvine (45) presented an interpretation of the magnetic results obtained during the 1973-74 year but no interpretation using this latest data has been attempted.

It should be NOTED WELL, that the plans contained in Irvine's report are not directly comparable in detail with the magnetic data contained in this report as there have been several alterations in the traverse line locations resulting from more detailed surveying.

Several features are prominent in the magnetic profiles. There is a very distinct and mappable magnetic difference between the Oonah Formation sediments, and the Crimson Creek Formation sediments, and the Meredith Granite.

Further, the magnetic character of the Crimson Creek Formation is highly erratic and this is attributed to widespread disseminated magnetite and zones of highly concentrated magnetite such as in the No.1, Main Lode and No.2 Anomaly Zones which are prominent on the profiles. The widespread existence of magnetite is thought to reflect the relative shallowness of the Meredith Granite beneath the whole Mt. Lindsay Grid area, and the high level of hydrothermal migration and alteration in the aureole. A very similar picture is emerging in the Pine Hill area on the Renison Mining Lease and future direct comparisons of exploration findings between these two areas could be very useful.

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4.3. Initial Geochemical Soil Sampling Surveys:

The complete Mt. Lindsay grid was initially soil sampled every 25m along the lines at depths generally in the top of the 'B' soil horizon.

All samples were dried and sieved at Renison in an area free of normal mine contamination.

The - 80 mesh fraction was assayed by X.R.F. for Sn, WO_3 and As, and for Cu, Pb, Zn by A.A.S. All elements had a 5 p.p.m. detection limit.

An internal 1 in 10 random sampling checking system was set up and the results are shown in Appendix 3.

The results of the 4,000 (approx.) samples taken are presented on the attached 1:5000 composite profiles and on the 1:5000 geochemical plans. [Maps 5 (a), (b), (c), (d), (e) and (f)].

No detailed statistical analyses of the results were attempted nor were the plans contoured in detail. Instead, because of the geochemically similar character between the Mt. Lindsay survey and others undertaken in the Renison and Heemskirk areas, it was considered sufficient to "eyeball" contour the significantly anomalous areas on the attached plans.

It was obvious from the plans that, as with the Renison and Heemskirk areas, there is a striking

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geochemical difference between the Donah Formation, and the Crimson Creek Formation and the Meredith Granite.

Very few significant Pb or Zn anomalies were defined. Large, moderate order Zn anomalies were outlined in the Crimson Creek Formation in several areas (e.g.) Lines 17 and 18 immediately west of the access road, Lines 8 and 9 between 1000-1500m N and Line 9 between 2500-3000 N. Similar broad Zn anomalies have been observed elsewhere in the Crimson Creek Formation and it is possible they merely represent zones of volcanic activity slightly enriched in zinc. Unless accompanied by strong geophysical or other geochemical responses, these anomalies are not considered significant.

Several strong zones of Sn, WO_3, As and Cu reponses were recorded and these elements are considered to be the ones most likely to be present above ore-zones of the type being explored for at Mt. Lindsay.

Ore broad As anomaly stretching from Line 4 near 2000 N to Line 8 and up to 300m wide is very difficult to explain. It doesn't coincide with many other strong geochemical responses but does coincide with some strong magnetic and I.P. responses.

4.4. Detailed Follow up Soil Sampling:

Anomalous zones defined by way of the above described survey were detailed by further sampling at 12.5m intervals along the lines and at several

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depths in the soil profile.

In all cases, these anomalies were confirmed and better defined by way of this additional work.

The results are presented on the 1:5000 Geochemical Plans. (Maps 5).

4.5. Detailed I.P. Survey:

Late in the season, it was decided to conduct some I.P. work over specific anomalous zones on the Mt. Lindsay Grid in order to better define them prior to making drilling decisions.

Unfortunately, the work was severely impeded and finally abandoned due to incessant rain.

What few results were obtained are presented on the 1:5000 composite line profiles for lines 4, 5, 6, 10, 12, 13, 14 and discussed in the Scintrex report: "A Report on Additional Electrical Induced Polarisation Surveys at Mt. Lindsay, Near Renison Bell, West Coast Tasmania on Behalf of Renison Limited" by A.W. Howland-Rose, March 1975.

5. ANOMALY EVALUATION:

It is considered that the style of orebody being sought at Mt. Lindsay should have:

(a) A geochemically anomalous response in the overlying residual soils of one or more of the elements Sn, WO_3, Cu, As.

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AND (b) Either an I.P. - resistivity or a magnetic anomalous response, or both.

The coincidence of the above two response groups with possible carbonate sequences is seen as a plus factor but not vital.

Considering the geochemical response types further, it is important to remember that in order to have a Sn or WO_3 anomaly in the soils, the orezone would have to come virtually to surface for it to breakdown and the Sn or WO_3 to move into the soil development cycle. Some Sn and WO_3 may of course move chemically but the amounts are probably very small. On the other hand, As and Cu may be removed from deeper orezones by circulating waters and brought to surface and deposited in overlying soils. Thus, if an orezone like the Main Lode Orezone plunged to the east, a strong Sn - Cu - As anomaly would be expected around the mine area where it outcrops, and going south this anomaly would weaken rapidly for tin to the point of non-existence and taper off somewhat slower for Cu and As. This type of thinking would possibly explain the long As anomaly mentioned above which continues along strike from the No.1 Anomaly Zone and Main Ore Zone.

Geophysically, a magnetic response of some size would be expected over almost any orezone of consequence in this area. However, an I.P. or conductivity response may not be all that critical, particularly close to the granite where high temperatures are possibly more

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sympathetic to iron-oxide rather than iron sulphide formation. Stronger I.P. - conductivity responses further from the granite may however justify more attention. It is interesting to note that the Main Ore Zone sometimes has a very poor I.P. - resistivity response (e.g.) Line 11, but in other places it has a rather good response (e.g.) Line 12. Thus it is likely that breaks in the continuity of I.P. - resistivity anomalies may not necessarily mean breaks in a mineralised zone.

Thus in placing priorities on anomalous zone, the following guide lines were used:

AA: Top Priority:-

Coincident Sn, Cu, As soil anomalies with coincident I.P. - conductivity and magnetic responses, and some suggestion of strike continuity.

A: High Priority:-

Coincident Cu - As anomalies (preferably with some Sn response), coincident with a magnetic anomaly, and some suggestion of strike continuity.

B: Medium Priority:-

Strong coincident magnetic and I.P. - conductivity anomalies, preferably not "stratigraphic anomalies". Some form of geochemical response would be a further encouragement.

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C: Low Priority:-

Low order coincident geochemical and geophysical anomalies, preferably if along strike from a higher priority anomaly.

Generalised anomaly plans of the Mt. Lindsay Grid are attached to this report. (Maps 3). They were used in conjunction with the 1:5000 profiles to evaluate specific anomalies.

Whilst many scattered anomalies occur on the grid, seven (7) broad anomalous zones are fairly obvious. They are shown on Maps 5 as Zone A, B, C, D, the Main Ore Zone, the No. 1 Anomaly and the No. 2 Anomaly. Each of these zones is discussed in detail below.

All significant anomalies are tabulated as Appendix 4.

5.1. Zone A:

A very wide (100m) highly conductive and chargeable zone seen on lines M.L 5, 8, 9 and 11. Numerous sharp, but moderate strength magnetic anomalies occur within the zone.

Moderate to low order tin anomalies occur on lines 5, 8 and 9 within the zone.

The I.P. survey was of the Gradient Array type with current dipoles on line 5 from 900-3500 N, and on line 11 from 700-3700 N. Line 7 was

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surveyed from the Line 5 set up and Lines 8 and 9 from the line 11 set up. Lines 6 and 7 were not surveyed over this zone.

Whilst the anomaly was probably exaggerated by it's close proximity to the margins of gradient blocks, it is probably still real and is regarded an an A - B priority anomaly.

One drill hole on Line 5 is recommended at this stage.

5.2. No.2 Anomaly:

This anomalous zone has a strike length of at least 1000m, and is approx. 30m wide.

In 1969, Aberfoyle drilled 7 holes into the anomaly and thereby tested about 700m of strike length to a depth of 100-150m. On the western end of the anomaly, they located the granite at a shallow depth (30) with two holes. The other 5 holes intersected a zone 12-36m wide, consisting essentially of actinolite - magnetite - pyrrhotite, with minor zones of calcite - biotite - fluorite and garnet. The best intersection was 12m of 0.20 Sn. Most of the tin occurred in actinolite - magnetite - pyrrhotite zones.

The Renison surveys suggested that the strike length may be greater than 1000m. Where the

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anomalous zone came close to the surface, it was characterised by very large magnetitic and Sn - Cu - As soil anomalies. Often it was highly conductive and chargeable but not always, which possibly suggests patchy development of massive and semi-massive sulphides along the zone.

One drill hole is recommended, at this stage, on line 9.

5.3. Main Ore Zone:

The main Mt. Lindsay Mine Workings were developed on the Main Ore Zone. Aberfoyle thought it extended for at least 1000m of strike length with a width of 24m. They tested approx. 600m of this strike with 18 drill holes, and on the basis of these holes, inferred reserves of 208,000 tonnes of 0.83 Sn. Most holes intersected the ore zone at shallow depths, (less than 50m) with a few holes testing it to 100-125m.

The mineralisation was very similar to that of the No.2 Anomaly, and Aberfoyle concluded that tin values dropped off at depth and along strike, although the mineralised zone was still strong at depth.

In the main part of the orezone, Sn - Cu - As anomalies are very strong. Magnetic responses are also generally strong but, as with the No.2 Anomaly Zone, I.P. - conductivity results are not always strong or even present at all.

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The recent surveys suggest that the Main Ore Zone may extend further east to line 3, thus extending the strike length to 3000m.

In this eastern extension, there is generally a Cu - As anomaly coincident with conductive and magnetic zones. If the orezone does exist in this area, it probably doesn't outcrop.

Two drill holes are recommended in this area, one on line 6.5, the other on line 4.

5.4. No.1 Anomaly Zone:

Magnetic and geochemical surveys by Aberfoyle suggested this zone was in excess of 1500m long and of a similar width and mineralogy to the Main Ore Zone and No.2 Anomaly.

In 1964, Aberfoyle drilled 5 holes to test the anomaly at shallow depths over a 300m strike length. The results were disappointing and suggested the zone was thinner and weaker magnetically than the Main Ore Zone and No.2 Anomaly.

The recent surveys suggest that the No.1 Anomaly may extend in a discontinuous form for over 3000m strike length. It never appears to be as strong geochemically as the No.2 and Main Ore Zone Anomalies. The general anomaly zone is regarded as having a B priority, with perhaps higher priority on lines 7 and 16.

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5.5. Anomaly Zones B, C and D:

These three anomalous zones are similar in that they appear to conform with the basal Cambrian stratigraphy. However, they are not geophysically uniform enough to call them purely stratigraphic (e.g.) a graphitic shale. Each of the anomalies have sections which are highly conductive and chargeable. In general, magnetic and geochemical responses are small. One exception to this is Zone B on line 13, where the zone is highly conductive, chargeable, moderately magnetic and possesses a strong As anomaly.

These three anomaly zones are probably far enough from the granite to place them more in the sulphide stability field and since they occur in geological sequences similar to those of the Renison Mine, anomalies such as that on Line 14 (Zone B) should be given a high priority. A drill hole is recommended on this anomaly.

5.6. Other Isolated Anomalies:

Several other isolated anomalies are worth noting:-

Line 12/1125-1175 N:

This is a strongly magnetic anomaly with coincident I.P. - conductivity and moderate As responses. It is given a B or A priority.

Line 13/1000-1100 N:

This is a strong magnetic anomaly with a moderate Sn and Cu response. It may be part

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of the above anomaly, and is given a B or A priority.

Line 14.5/275-350 S:

On the flank of a magnetic anomaly, with a high As, moderate Sn and Cu coincident anomaly - A, possibly B priority.

Line 15/1725-1775 N:

Strong I.P. - cond. anomaly with a moderate magnetic, Sn and As response. A priority.

6. RECOMMENDATIONS:

It is recommended that exploration during 1975-76 should be confined to diamond drilling.

Six or possibly seven holes are proposed - 4 or 5 on E.L. 2/63 and 2 on E.L. 18/73.

Budgets of $80,000 for E.L. 2/63 and $40,000 for E.L. 18/73 are proposed and budget details are attached as Appendix 2.

The seven holes recommended are:

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HOLE NO.	TESTING	COLLAR CO-ORDS.	DIP	BEARING	LENGTH
1	Zone A	5/2800 N	- 45°	Grid N	250m
2	No.2 Anomaly	9/2275 N	- 45°	Grid N	250m
3	Main Zone	4/1850 N	- 45°	Grid N	250m
4	Main Zone	6.5/300 S	- 45°	Grid N	250m
5	No.1 Anomaly	7/1950 N	- 45°	Grid N	300m
6	Zone B	13/50 S	- 45°	Grid N	300m
7	Isolated Anomaly ?	15/1850 N	- 45°	Grid S	250m

It is further recommended that a detailed analysis of all the Aberfoyle drilling in the area be undertaken as it is felt further potential for ore development along the Main Ore Zone may emerge from such an analysis.

A much more detailed drilling proposal report including drill sections etc. will be prepared prior to November, 1975.

It is hoped to undertake the drilling between December, 1975 - February, 1976.

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APPENDIX 1

JOINT VENTURE

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Period No.: 12

Ending: 24.6.75

STANLEY AREA (E.L. 18/73)

	This Period	Y.T.D.
Salaries	727	23198
Materials	238	1564
Outside Services		13770
Diamond Drilling		
Geophysics		2078
Geology		5879
General Costs	55	969
Hire of Equipment		
Capital Equipment		
STANLEY AREA EXPENDITURE	1020	47458

SUMMARY OF RENISON EXPENDITURE

Total Expenditure	1020	47458
Less Recovered — ½ C.G.F.A.	510	23729
½ SHARE — RENISON LIMITED	510	23729

SUMMARY OF EXPENDITURE

½ — Renison Limited		
— C.G.F.A.		
RENISON SHARE OF JOINT VENTURE EXPENDITURE	510	23729

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APPENDIX 2 (b)

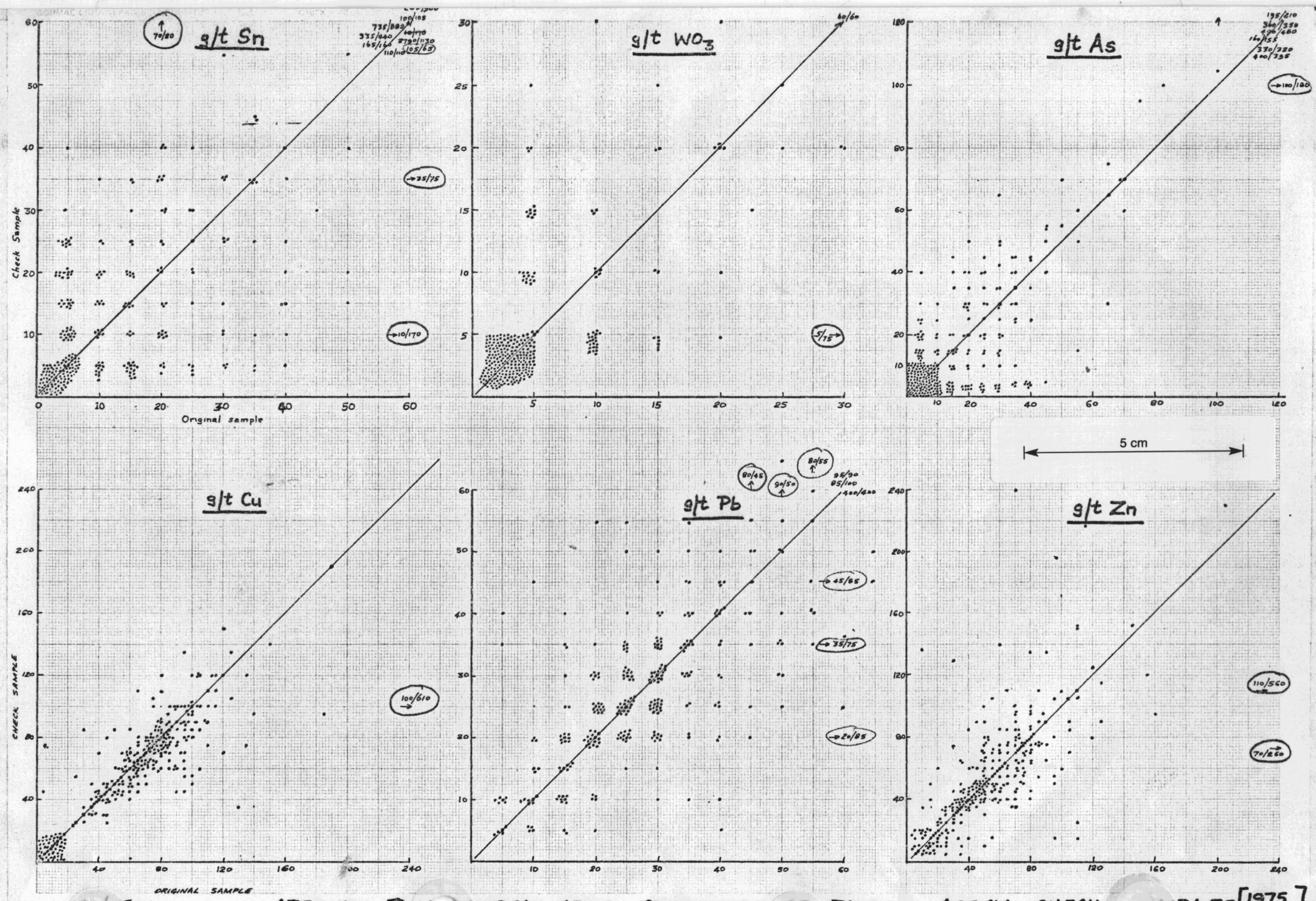
E.L. 18/73

1975-76 BUDGET PROPOSAL

ITEM	Month 1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
Salaries (1 Geologist and 1 Assistant for 2 months).	1029	100	100	100	300	371	200	200	400	300	100	100	3300
Road Repairs and Drill Site Construction	-	-	-	-	1000	1000	200	1000	200	-	-	-	3400
Diamond Drilling	-	-	-	-	-	15000	-	-	15000	-	-	-	30000
Miscellaneous Costs	178	100	100	150	400	600	500	522	400	150	100	100	3300
TOTALS	1207	200	200	250	1700	16971	900	1722	16000	450	200	200	40000

120

500039



APPENDIX B : LINDSAY AREA : CORRELATION OF RANDOM ASSAY CHECK SAMPLES. [1975 SURVEY]

500030

APPENDIX 4

ANOMALY ANALYSIS

NUMBER	STATION	ANOMALY ZONE	CHARACTERISTICS	PRIORITY
1	Line 4/1950-2000 N	Possible extension of No.2 Anomaly Zone or Main Ore Zone.	As 4-600 Conductive Cu 140 Chargeable Side of a Mod. Mag. anomaly. Possible strike extensions.	A possibly AA
2	Line 4/1650 N	Possible extension of No.1 Anomaly Zone.	Strong I.P. - Cond. response, a mod. mag. anomaly. On flank of weak As anomaly.	B
3	Line 4/75 N	Zone D	Strongly chargeable - conductive.	C
4	Line 5/2875-2975	Zone A	Very chargeable, mod. conductive. No magnetic coverage low Sn Anomaly 50 ppm.	B
5	Line 5/1950-2000	Main Ore Zone ?	As: 2-400 Cu: 100 Conductive. Flank of a mag. anomaly. (Same as 1). Good strike extension possibilities.	A possibly B
6	Line 6/1850-1875	No.1 Anomaly Extension ?	Weak - moderate As + Cu anomaly. I.P. + conductive. Neg. mag. anomaly.	B
7	Line 6.5/100-2505	Main Ore Zone	Very strong As + Mag. anomaly. As: 200-600 No I.P. Coverage. Mod. Cu 120	AA
8	Line 7/2625 N	Individual anomaly	Strong I.P., mildly conductive. No geochem.	C

.../2

020

500031

NUMBER	STATION	ANOMALY ZONE	CHARACTERISTICS	PRIORITY
9	Line 7/2150-2225 N	Main Ore Zone	Mod. As + Cu anomaly. Very strong mags.	A
	Line 7/1975-2100 N	No.1 Anomaly	As 6-900. Very small Sn anomaly with conductive axis at 2075 possible centre of anomaly on top of hill with As anomaly "fanning" down hill.	A
10	Line 8/3250 N	Zone A	Wildly fluctuating mags. Very chargeable and conductive. Mod. Sn anomaly. (Critical sample missing).	A
11	Line 8/1375 N	Individual	Mildly chargeable - cond. + mag. response. No geochem. anomaly.	B
12	Line 8.5/250 S	No.1 Anomaly	Appears as a strong magnetic anomaly.	
		NOTE: The strong As and No.1 and Main Ore lines 8 and 8.5.	Conductivity anomalies expressed by the Zone East of Line 8 are not seen on	
13	Line 9/3275-3400	Anomaly A	Very conductive and chargeable with some erratic mag. responses. No sig. geochem. responses. (Very weak Sn anomalies).	B possibly A
14	Line 9/2400 N	No.2 Anomaly	First appearance as a very strong mag. anomaly with a weak Sn response down slope and slightly conductive.	B
15	Line 9/1750 N	Individual	780 As, flank of a very strong mag. anomaly.	C
		NOTE: Main Ore Zone not distinctive on line 9.		

.../

030

NUMBER	STATION	ANOMALY ZONE	CHARACTERISTICS	PRIORITY
16	Line 9.5/75 S	Main Ore Zone	Weak Sn - As anomaly. No mag. anomaly. No I.P. coverage.	C
		NOTE: The No.1 Anomaly Zone was strongly magnetic but very weak geochem.		
17	Line 10/2275-2375 N Centre 2350	No.2 Anomaly	Sharp, strong magnetic, I.P. conductivity, Sn anomaly. Cu and As mod. anomalies.	AA
18	Line 10/2150 N	Main Ore Zone	Very conductive and chargeable, poor magnetic response, Mod. Sn, Cu anomalies. Strong As. Mod. WO_3.	AA (Sulphide stability field ?) [drill]
19	Line 10/2000 N	No.1 Anomaly	Sharp, strong mag. peak mod. I.P. - cond. anomaly. Poor geochem. response	B
20	Line 10.5/125 N	No.2 Anomaly	Very strong Sn, Cu, As, magnetic response. No I.P. cover.	AA (already drilled D.D.H. 2/3: 5m 0.14 Sn
21	Line 11/3200-3350 N	Anomaly A	Strong I.P. - conductivity, highly fluctuating magnetics. Some critical geochem. samples missing.	B
22	Line 11/2300-2500 N	No.2 Anomaly	Extremely high and wide magnetic anomaly with no I.P. or cond. anomaly. High Sn, As, Mod. Cu.	AA
23	Line 11/250 S	Anomaly C	Very strong I.P. - conductive anomaly mild Cu anomalies in general area.	C
24	Line 11/575 S	Anomaly D	Strong I.P. - conductive anomaly. Strong Cu anomaly in general area.	C

.../4

031

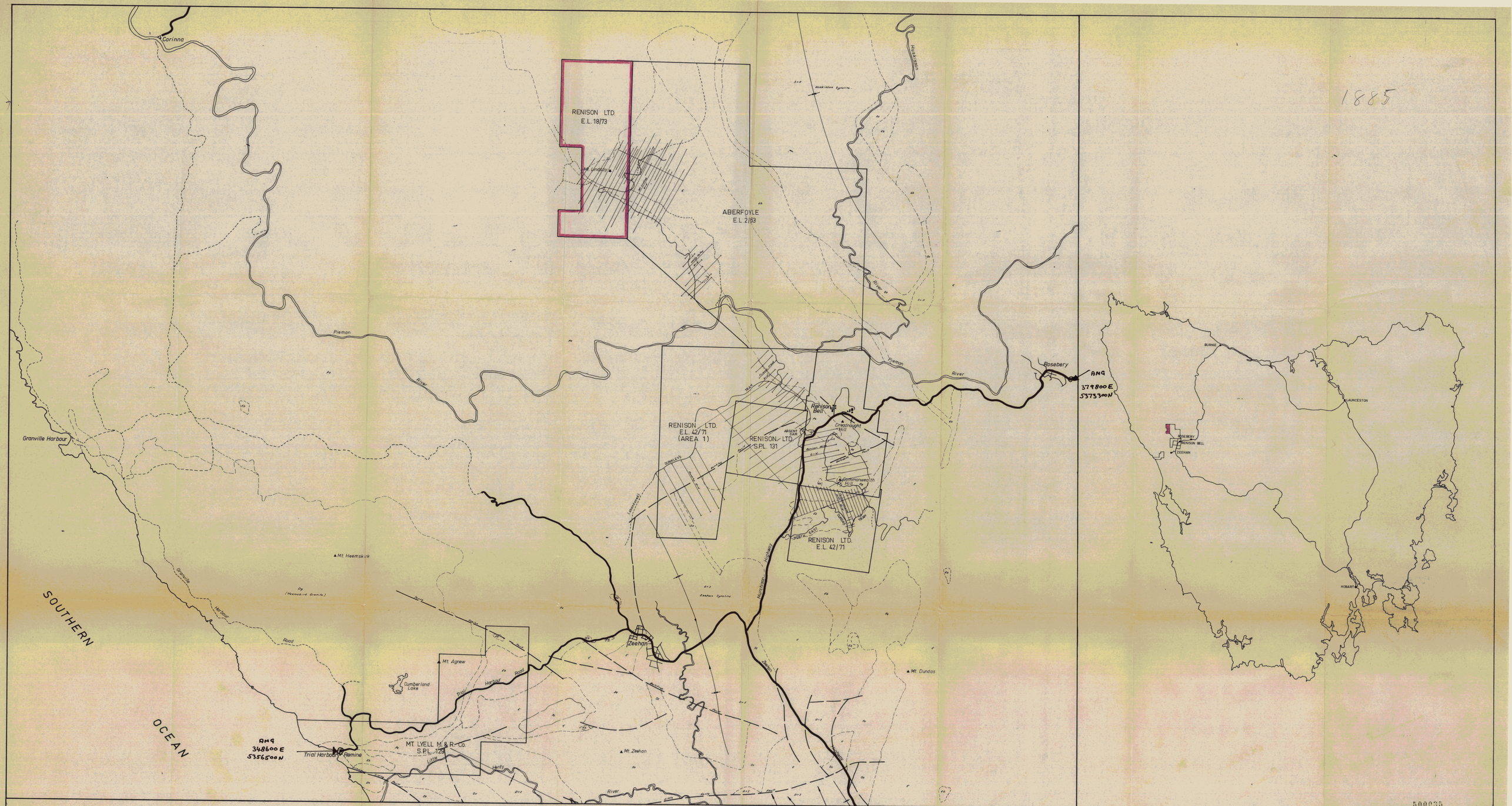
NUMBER	STATION	ANOMALY ZONE	CHARACTERISTICS	PRIORITY
25	Line 11.5/100-200 N	No.2 Anomaly	Strong magnetic, Sn, Cu and As response. No I.P. coverage.	AA (Already drilled)
26	Line 11.5/50-75 S	Main Ore Zone	Strong magnetic, Sn and Cu plus moderate As anomaly. No. I.P. coverage.	AA (Already drilled)
27	Line 12/2325-2375 N	No.2 Anomaly	Very strong magnetic response. Conductive, chargeable, high Sn, mod. Cu and As anomaly.	AA
28	Line 12/2125-2200 N	Main Ore Zone	Strongly magnetic, chargeable, conductive, very strong Sn, As, Cu anomalies.	AA (Already drilled)
29	Line 12/1125-1175 N	Individual	Strong magnetic, I.P., cond. anomaly, with mod. As anomaly.	B or A
30	Line 12/350-400 S	Anomaly D	Very strong I.P. Cond. Anomaly. Moderate Mag. peak. No geochem. anomaly.	B
31	Line 12.5/250-300 N	No.2 Anomaly	Very strong magnetically but weak geochem. No I.P. coverage.	B (or A)
32	Line 12.5/0-75 N	Main Ore Zone	Sharp, strong magnetics, Sn and As anomalies. Mod. Cu. No I.P. coverage.	AA
33	Line 13/2150-2200 N	No.2 Anomaly (?) (Slightly S of projected No.2)	Strong Sn (0.26%) As and Cu. Mild I.P. response. Strong magnetics.	AA
34	Line 13/1975-2025 N	Main Ore Zone	Highly magnetic, conductive, chargeable, high Sn and As.	AA (Already drilled)
35	Line 13/1000-1100 N	Individual	Strong mag. response, moderate Sn and Cu.	B (or A)

.../5

500034

NUMBER	STATION	ANOMALY ZONE	CHARACTERISTICS	PRIORITY
36	Line 13/25-100 N	Anomaly B	Very strong I.P. - cond. anomaly. Strong As adjacent. Magnetic anomaly.	AA drill Also useful stratigraphic hole.
37	Line 13.5/200-300 N	No.2 Anomaly	Mod. mag. anomaly. Very strong Sn, As, Cu response. No I.P. coverage.	AA (Already drilled)
38	Line 13.5/0-25 N	Main Ore Zone	Strong mags., As, mod. Sn. No I.P. coverage.	AA (drilling may not have reached main part of orezone).
		NOTE: M.L. 14	Main Ore Zone and No.2 Anomaly zones very confused, possibly by shallow granite. Only moderate geochem. responses.	
39	Line 14/125-175 S	Anomaly B	Very strong I.P. - conductivity responses. Mod. As anomaly coincides with N. flank.	B
40	Line 14.5/50-0 S	Main Ore Zone	Strong Mag., Sn and As response. Mod. Cu.	A
41	Line 14.5/275-350 S	Individual	South flank of Mag. anomaly. High As. Mod. Sn and Cu.	A (possibly B)
42	Line 15/2025-2075 N	Main Ore Zone	Strong Sn and mag. anomaly. Mod. I.P. response.	A
43	Line 15/1725-1775 N	Individual	Strong I.P. - cond. anomaly. Mod. Mag. response. Mod. Sn and As.	
44	Line 16/1850 N	No.1 Anomaly ?	Strong magnetic, As, Sn and mod. Cu anomaly. No I.P. coverage. Suggestion of fairly shallow granite ?	A possible AA drill ?
45	Line 16/525 S	Anomaly C	Small magnetic and Sn anomaly. No I.P. coverage.	C

033



500035

KEY

Permian & Younger.	Precambrian Units.
Devonian & Silurian Sediments.	Cambrian Basic & Ultrabasic Intrusives.
Ordovician Sediments.	Devonian Granite Intrusives.
Cambrian Sediments & Volcanics.	Traverse Line Systems.

AMG REFERENCE POINTS ADDED

5 cm

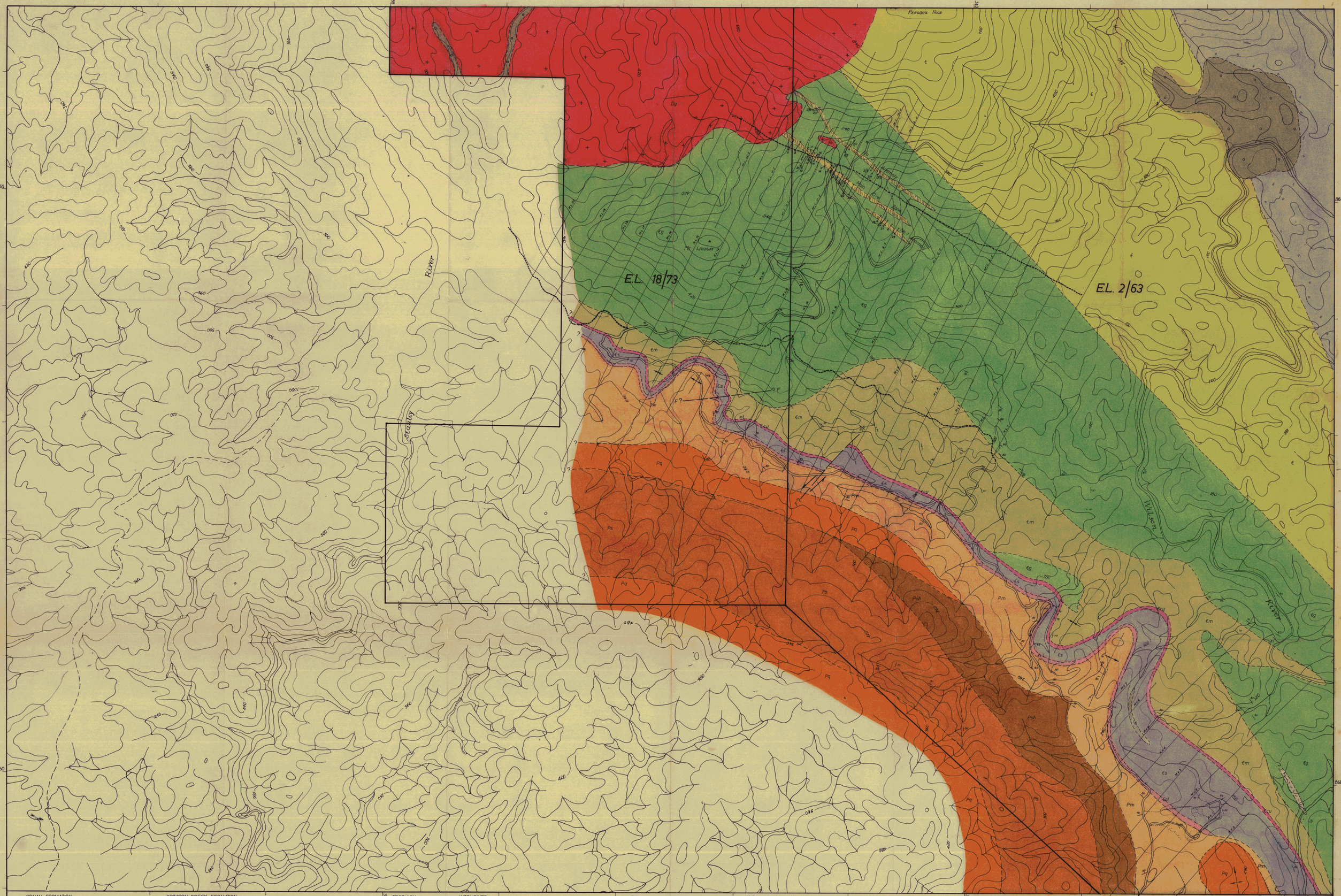
RENISON LIMITED

75-1120
Vol.1

LOCALITY MAP

GEOLOGIST : L.A. Newnham	SCALE 1:50,000 METRES
DRAUGHTSMAN : F. Colson	MAP 1:1,000,000 METRES
DATE : Aug. 75.	
REVISIONS :	DRAWING No. 1.

1885



QONAH FORMATION. (LOWER CAMBRIAN ?)

- Pq — Massive Quartzite.
- Ps — Siltstones.
- Psh — Shales, often graphitic & slumped.
- Pm — Mudstones, siltstones.

CRIMSON CREEK FORMATION. (MIDDLE CAMBRIAN ?)

- Ꞓc — Chert.
- Ꞓcl — Lower Chert.
- Ꞓs — Siltstones.
- Ꞓcu — Upper Chert.
- Ꞓm — Fine Clastic sediments, some tuffs.
- Ꞓg — Mainly tuffs, some fine clastic sediments.
- Ꞓ — Cambrian Undifferentiated.

TERTIARY

- Alluvium.

INTRUSIVES.

- Devonian granite.
- Cambrian, gabbro.
- Cambrian, Ultramafic

KEY.

- Strike & dip of beds.
- Anticline Syncline showing plunge.
- Inferred fault.
- Mt. Lindsay Mine Anomalies (After Aberfoyle).
- Aberfoyle D.D.H.
- Traverse lines.

Note: Mapping mainly by R.R. Scheliekens 1972 – 1974.

5 cm

CORINNA D/54	CORINNA D/54
ZEEHAN B/1	ZEEHAN B/12

RENISON LIMITED

E.L. 18/73, E.L. 2/63.

INTERPRETATIVE GEOLOGY.

500036

SCALE. 1:10,000 METRES

DRAWN	L.A.N.
TRACED	R.J.P.
DATE	3.9.74.
SCALE	1:10,000.
DRAWING No.	2.

1886



Strong
Moderate
Significant I.P. Responses.
Generally with coincident Magnetic Responses.

Sn. Strong Geochemical Responses.

Sn. Moderate Geochemical Responses.

5 cm

KEY

Road & Walking Track.

2000N Grid Line & Sample Locality.

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

RENISON LIMITED 75-1120 Vol. 1.

CORINNA D3/1.

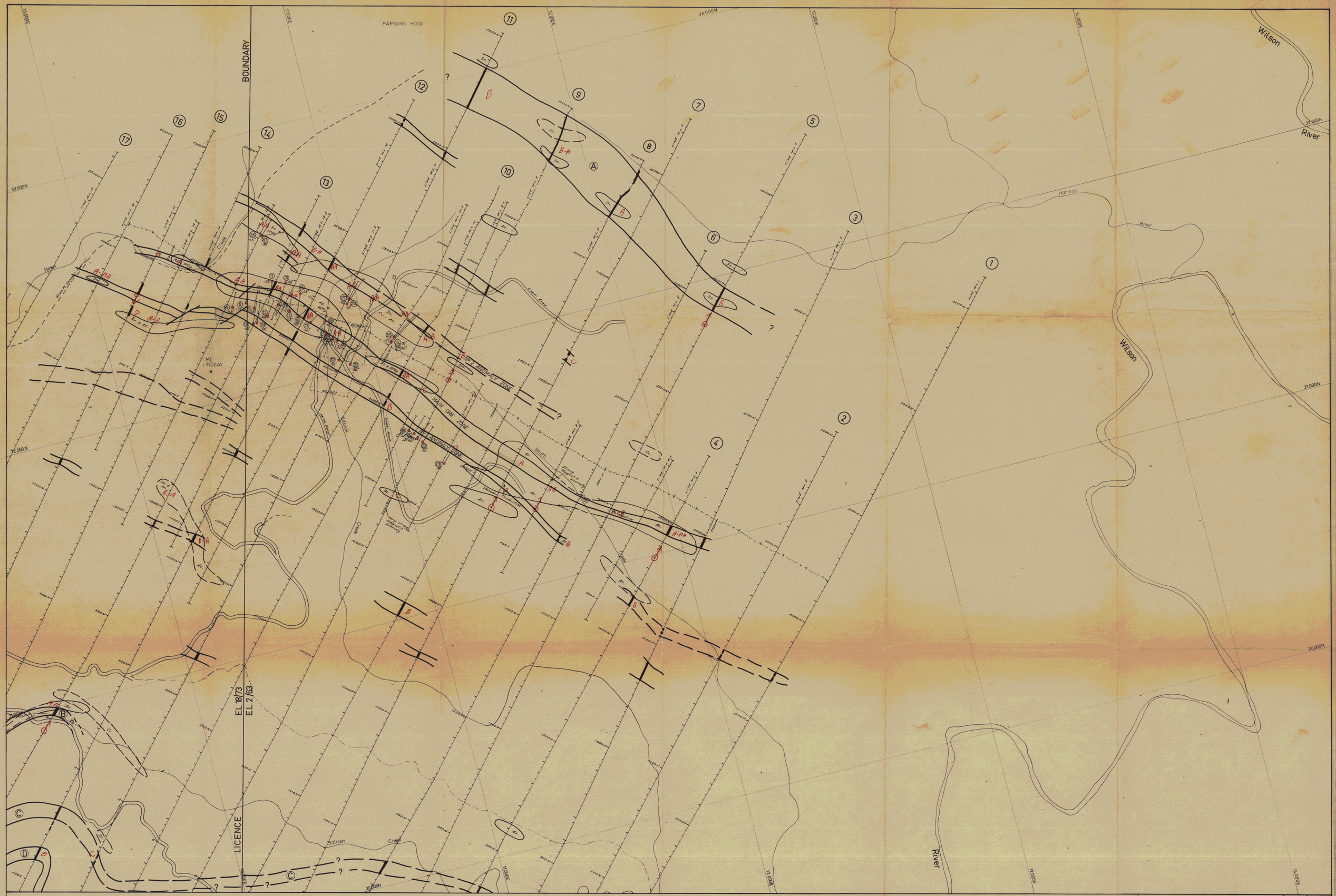
GENERALISED ANOMALY PLAN

SCALE. 1: 5000 METRES

100 0 100 200 300

DRAWN	L.A.N.
TRACED	F.A.C.
DATE	Aug. '75
SCALE	1 5000
DRAWING No.	3(a)

1887



Strong
Moderate
Significant I.P. Responses. Generally with coincident Magnetic Responses

Strong Geochemical Responses.

Moderate Geochemical Responses.

Prop. holes
A-B Priority (Anomalies)

5 cm

KEY

Road & Walking Track

Grid Line & Sample Locality.

Aberfoyle Drill Hole.

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

RENISON LIMITED

CORINNA D3/2. 75-1120 Vol. 1.

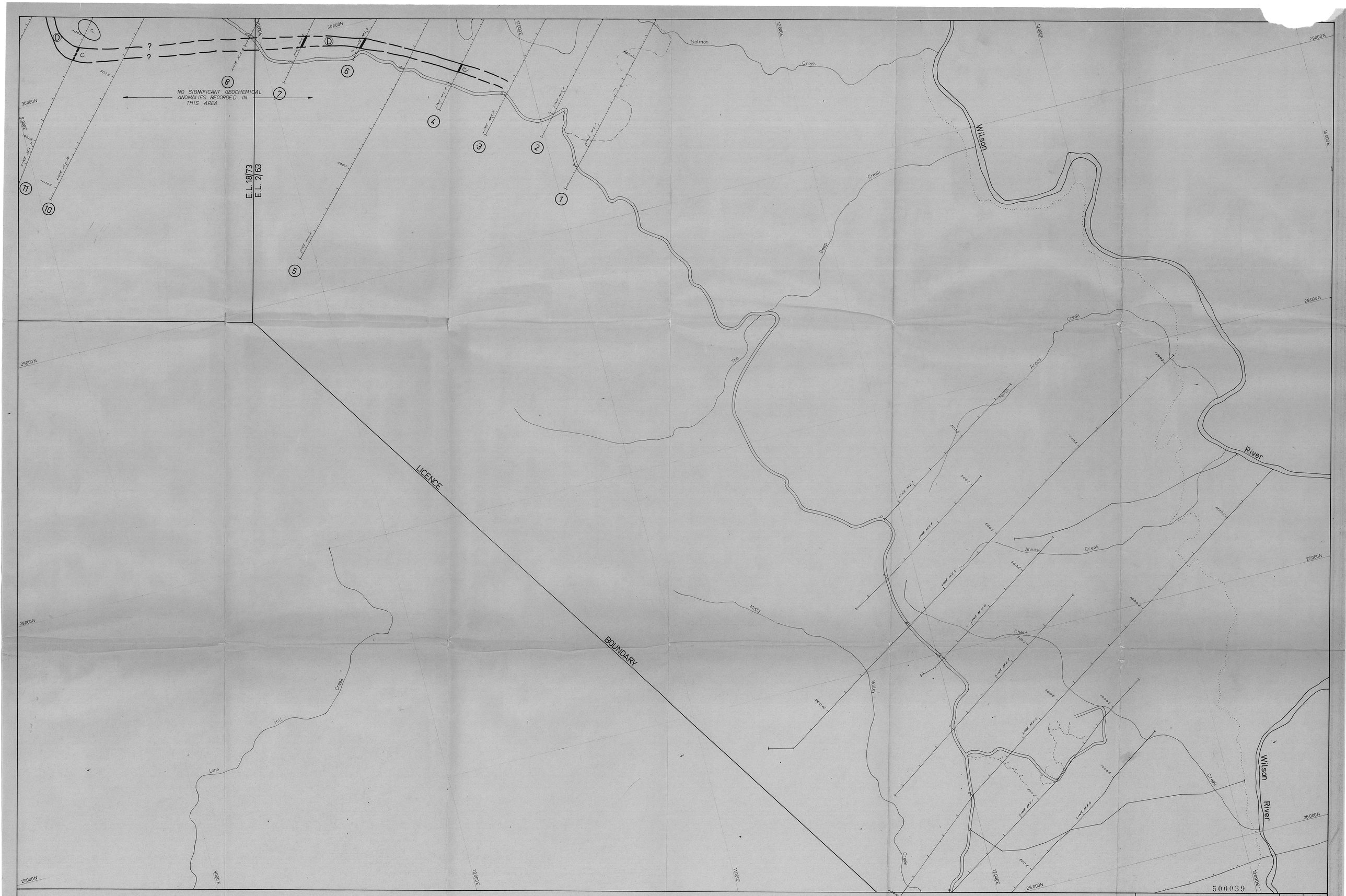
GENERALISED ANOMALY PLAN

SCALE. 1:5000 METRES

100 0 100 200 300

DRAWN	L.A.N.
TRACED	F.A.C.
DATE	Aug. '75
SCALE	1:5000
DRAWING No.	3 (b)

500038 1888



Strong
Moderate
Significant I.P. Responses
Generally with coincident Magnetic Responses.

Strong Geochemical Responses.

Moderate Geochemical Responses.

5 cm

KEY

Road & Walking Track.

Grid Line & Sample Locality.

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

RENISON LIMITED

CORINNA D3/4. 75-1120 Vol. 1.

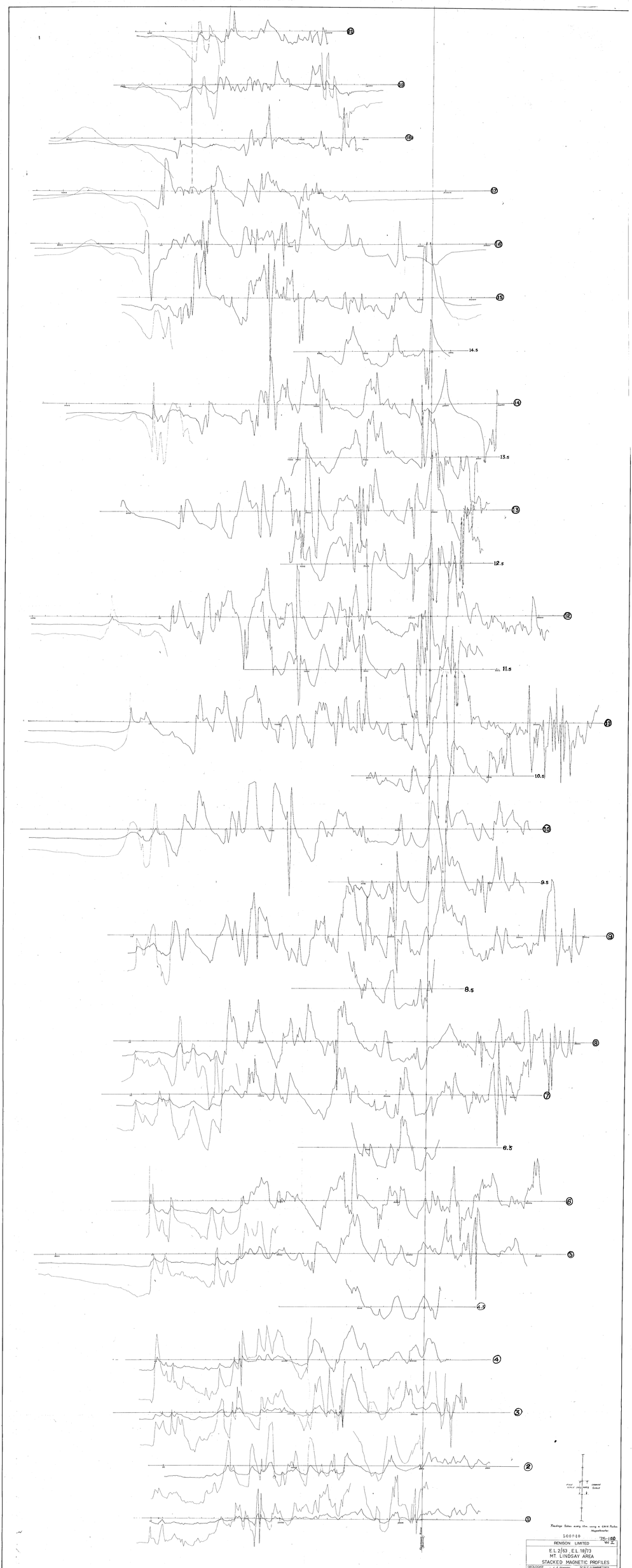
GENERALISED ANOMALY PLAN

SCALE. 1:5,000 METRES

100 0 100 200 300

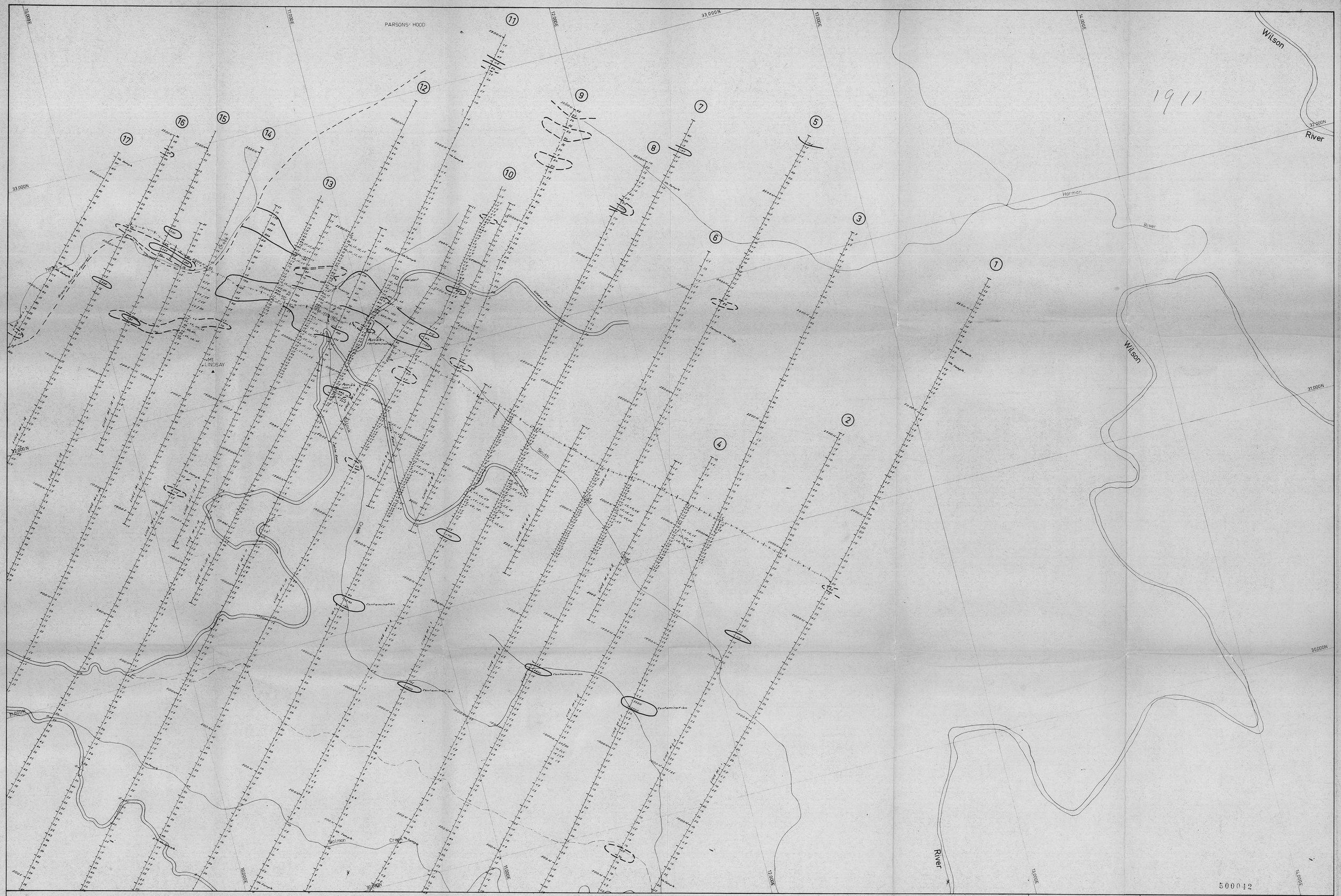
DRAWN	L.A.N.
TRACED	F.A.C.
DATE	Aug. '75
SCALE	1:5,000
DRAWING No.	3(c)

1889



20
19
18
17
16
15
14.5
14
13.5
13
12.5
12
11.5
11
10.5
10
9.5
9
8.5
8
7
6.5
6
5
4.5
4
3
2
1
Magnetic Area
Field Grid
Long Grid
Lateral Grid
Readings taken every 10m. using a GSM Proton Magnetometer
500040
75-180
Vol. 2
RENISON LIMITED
E.L. 2/63, E.L. 18/73
MT. LINDSAY AREA
STACKED MAGNETIC PROFILES
GEOLOGIST: J. P. Kennedy
SCALE: 1 CENTIMETRES
DRAUGHTSMAN: JM
DATE: Sept 78
REVISIONS: 1.0m
DRAWING No. 4.

5,000E
6,000E
7,000E
8,000E
9,000E
34,000N
33,000N
32,000N
31,000N
River
Stanley
News
Creek
Grid Control Location
19
18
17
16
15
14
13
20
1000N
1100N
1200N
1300N
1400N
1500N
1600N
1700N
1800N
1900N
2000N
2100N
2200N
2300N
2400N
2500N
2600N
2700N
2800N
2900N
3000N
3100N
3200N
3300N
3400N
3500N
3600N
3700N
3800N
3900N
4000N
4100N
4200N
4300N
4400N
4500N
4600N
4700N
4800N
4900N



5 cm

KEY

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

Weak Anomaly (>50 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 D3/2.

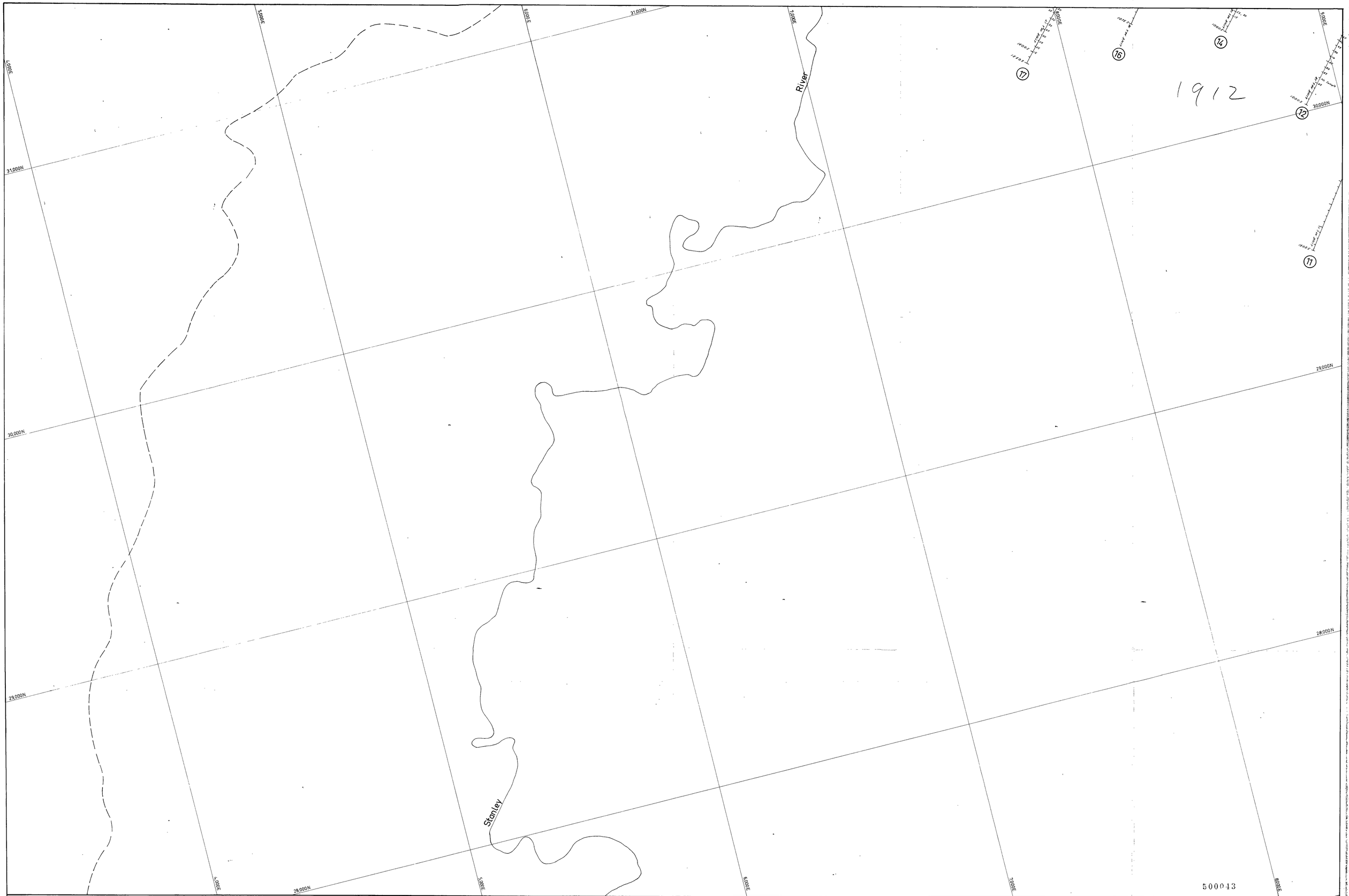
GEOCHEMICAL SAMPLING / Sn.

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(a)/(ii)

1911



5 cm

Strong Anomaly (>100 ppm)

Weak Anomaly (>50 ppm)

KEY

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 / Sn.

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(a)/(iii)

1913

Salmon Creek
Wilson Creek
Deep Creek
Tree Creek
Annas Creek
Misty Creek
Chert Creek
Valley Creek
Hill Creek
Lone Creek
Wilson River
River

30000N
29000N
28000N
27000N
26000N
9000E
10000E
11000E
12000E
13000E

MV1 MV2 MV3 MV4 MV5 MV6

500044

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 :10p.p.m , Mt Lindsay :5p.p.m.

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

5 cm

Strong Anomaly (>100 p.p.m.)
Weak Anomaly (>50 p.p.m.)

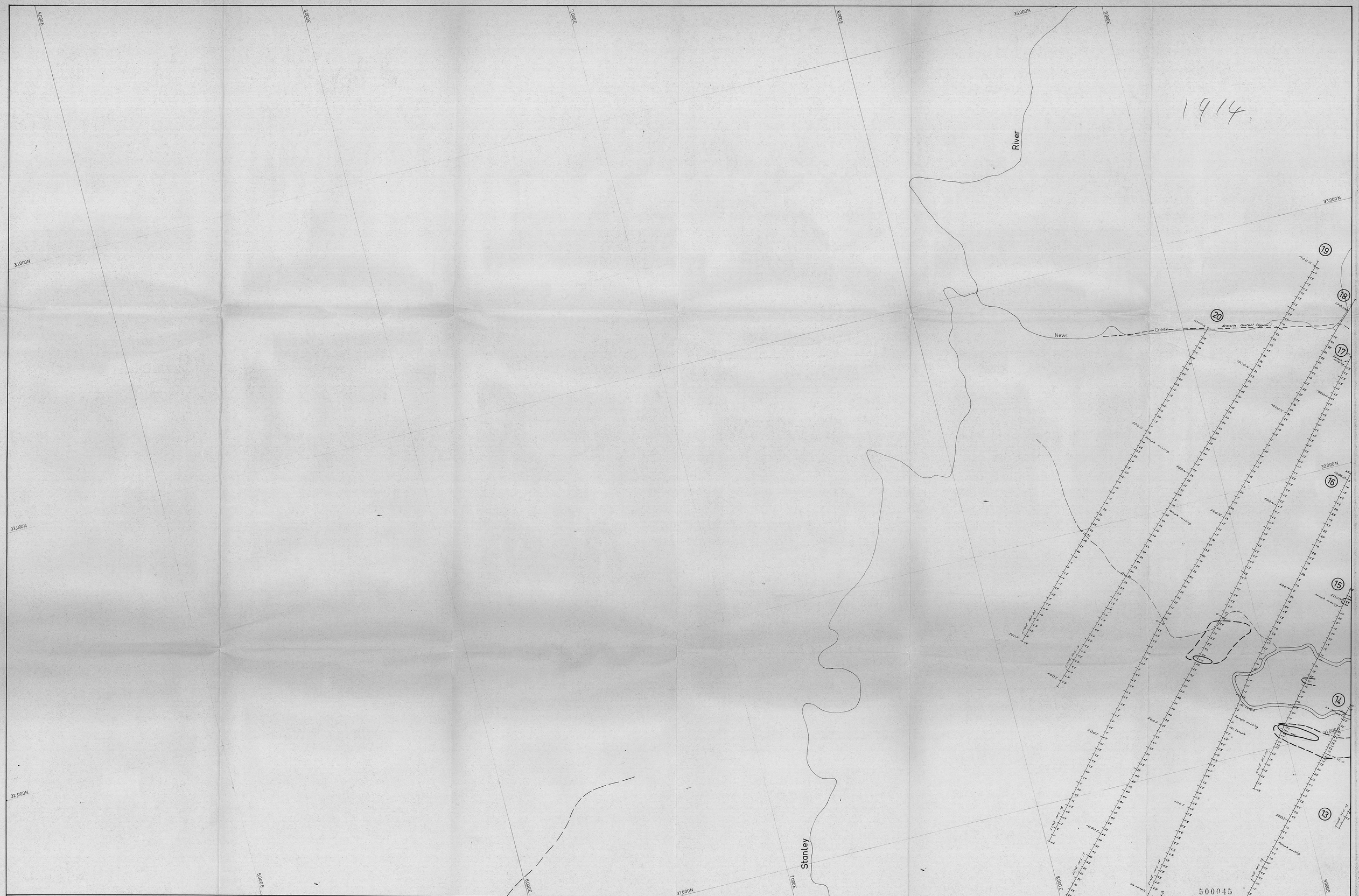
KEY
Road & Walking Track
Grid Lines & Sample Locality
Original Sample Value with Resampling Values at 0-3.0, 6.0-9 m. Depth respectively.
Original Sample Value with Duplicate Sample

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

RENISON LIMITED 75-1120
CORINNA D3/4.
GEOCHEMICAL SAMPLING / Sn.
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(a)/(iv)

1913



KEY

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

Weak Anomaly (> 50 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

5 cm

RENISON LIMITED 75-1120

CORINNA D3/1.

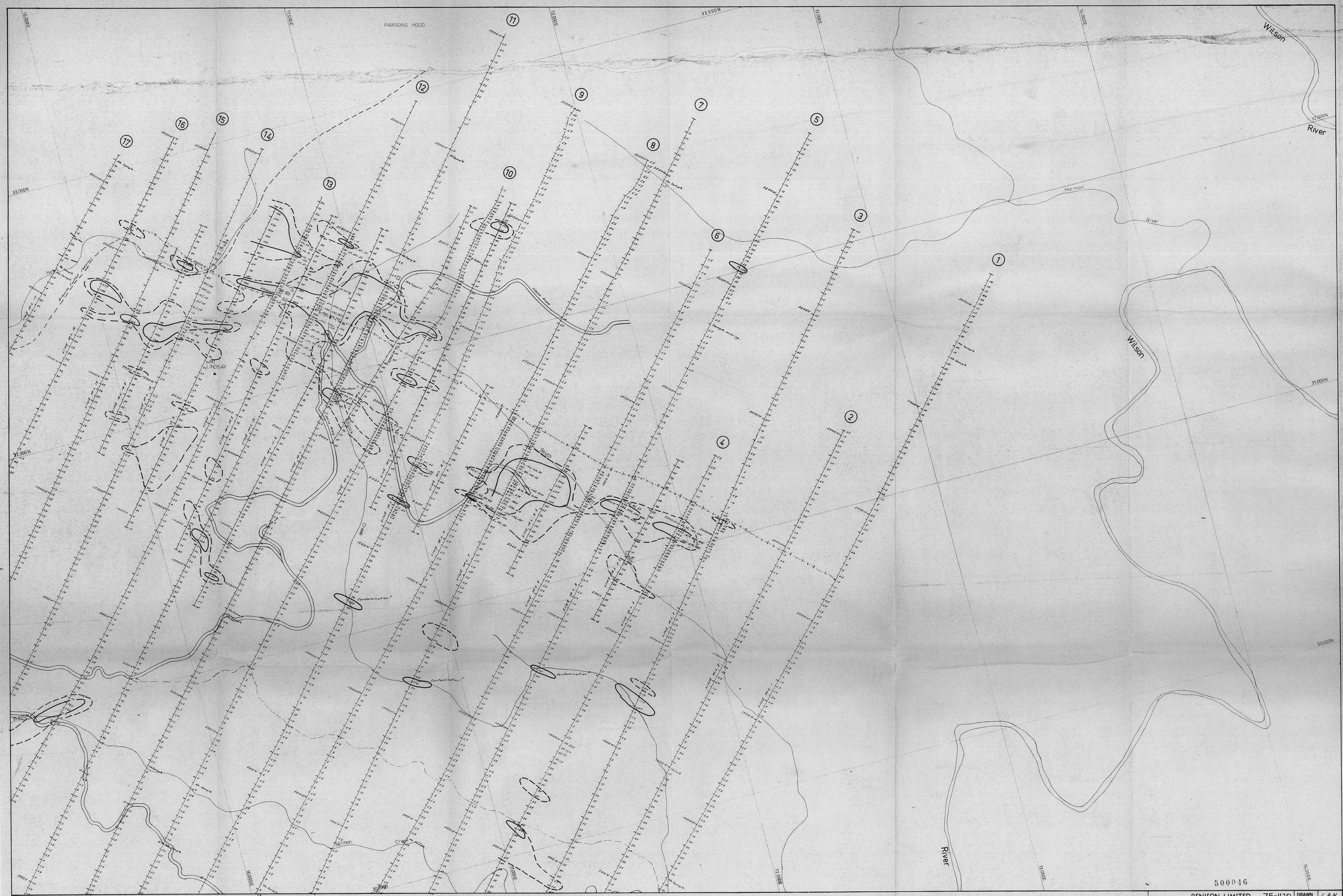
GEOCHEMICAL SAMPLING / As.

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(b)/(i)

1914



KEY

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

Weak Anomaly (>50 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

5 cm

RENISON LIMITED 75-1120

CORINNA D3/2.

GEOCHEMICAL SAMPLING / As.

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(b)/(ii)

1915

River

Stanley

31,000N

30,000N

29,000N

28,000N

4,000E

5,000E

6,000E

7,000E

8,000E

9,000E

500047

KEY

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

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

Weak Anomaly (>50 p.p.m.)

5 cm

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

RENISON LIMITED

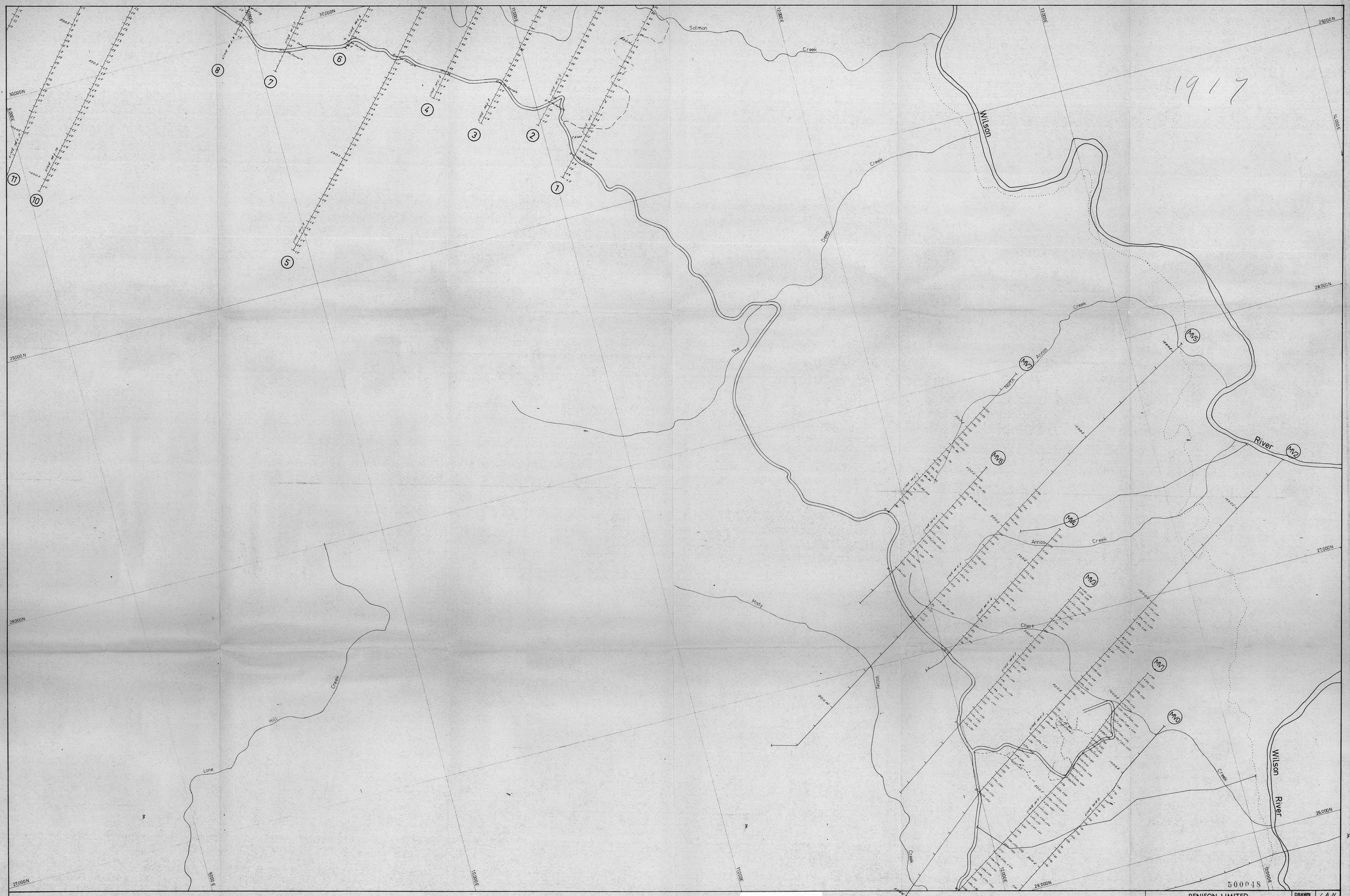
CORINNA D3/3.

GEOCHEMICAL SAMPLING / As.

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(b)/(ii)



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 : 50 p.p.m., Mt. Lindsay : 5 p.p.m.

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

5 cm

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

Weak Anomaly (>50 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

CORINNA D3/4.

GEOCHEMICAL SAMPLING / As.

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(b)/(iv)

1917



5 cm

KEY

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

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

Road & Walking Track

2000N — Grid Line & Sample Locality.

8, 6.5, 10, 20 — Original Sample Value with Resampling Values at 0.3, 0.6, 0.9m Depth respectively

5/10 — 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 D3/1.

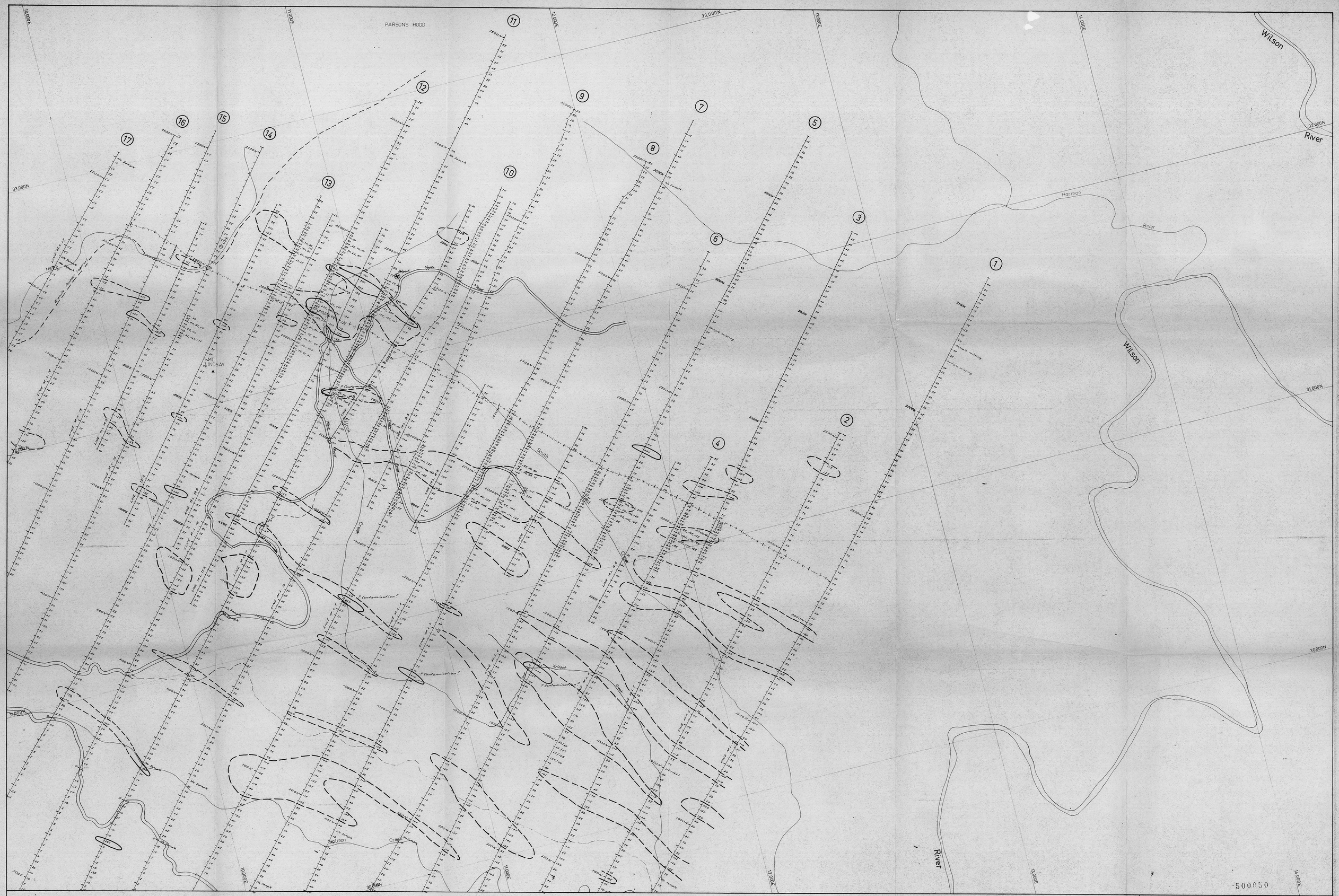
GEOCHEMICAL SAMPLING / Cu.

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(c)/(i)

1918



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 / Cu.

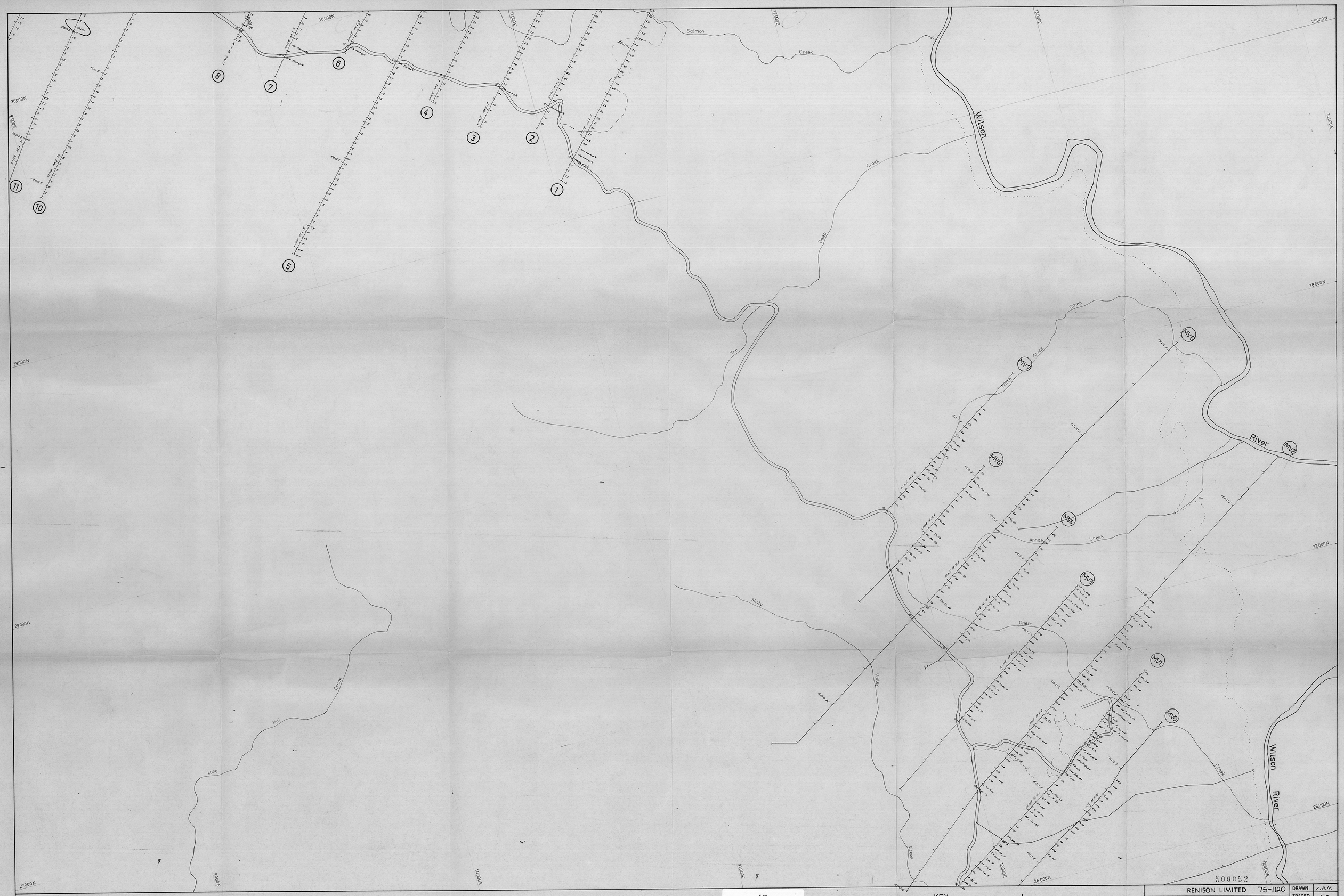
SCALE. 1:5000 METRES

100 0 100 200 300

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

1919


River
Stanley
31,000N
30,000N
29,000N
28,000N
4,000E
5,000E
6,000E
7,000E
8,000E
9,000E
17
16
14
12
11
1800S
1900S
1000S
LINE 44 W
LINE 45 W
LINE 46 W
LINE 47 W
LINE 48 W
LINE 49 W
LINE 50 W
LINE 51 W
LINE 52 W
LINE 53 W
LINE 54 W
LINE 55 W
LINE 56 W
LINE



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: Gen.10p.p.m., Mt. Lindsay: 5p.p.m.

2. The strong anomaly on MV1 800/900m.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.

2000N — Grid Line & Sample Locality.

5, 6.5, 10, 50 — Original Sample Value with Resampling Values at 0.3, 0.6, 0.9m. Depth respectively.

5/10 — 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 / Cu.

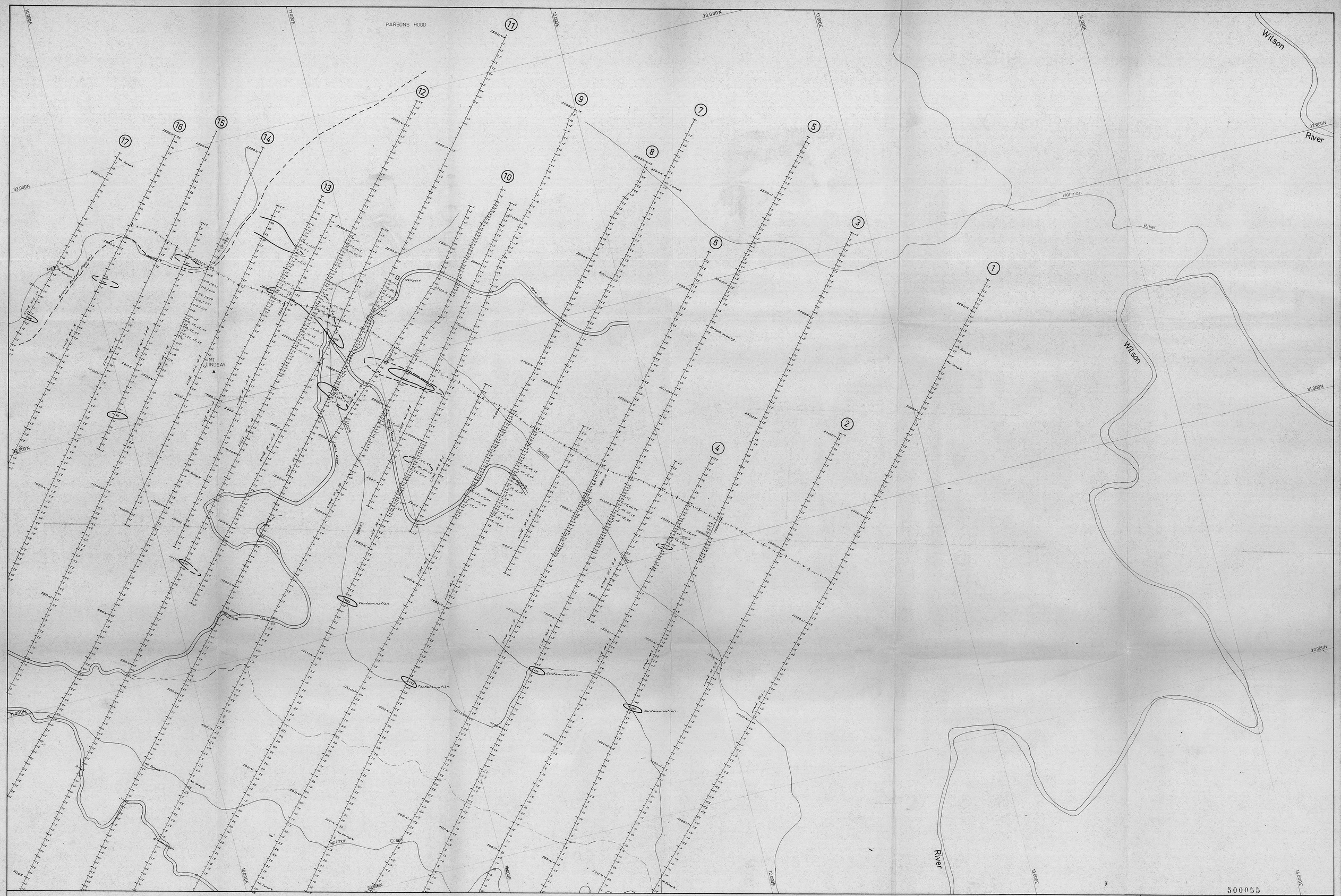
SCALE. 1:5,000 METRES

100 0 100 200 300

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

1921

5005E
6000E
7000E
8000E
9000E
34,000N
33,000N
32,000N
31,000N
River
Creek
News
Stanley
Growth Control Imagery
19
18
17
16
15
14
13
20
1200N
1100N
1000N
900N
800N
700N
600N
500N
400N
300N
200N
100N
Remote mining
Old Temple
LINE 46.0
LINE 45.0
LINE 44.0
LINE 43.0
LINE 42.0
LINE 41.0
LINE 40.0
LINE 39.0
LINE 38.0
LINE 37.0
LINE 36.0
LINE 35.0
LINE 34.0
LINE 33.0
LINE 32.0
LINE 31.0
LINE 30.0
LINE 29.0
LINE 28.0
LINE 27.0
LINE 26.0
LINE 25.0
LINE 24.0
LINE 23.0
LINE 22.0
LINE 21.0
LINE 20.0
LINE 19.0
LINE 18.0
LINE 17.0
LINE 16.0
LINE 15.0
LINE 14.0
LINE 13.0
LINE 12.0
LINE 11.0
LINE 10.0
LINE 9.0
LINE 8.0
LINE 7.0
LINE 6.0
LINE 5.0
LINE 4.0
LINE 3.0
LINE 2.0
LINE 1.0
LINE 0.0
LINE -1.0
LINE -2.0
LINE -3.0
LINE -4.0
LINE -5.0
LINE -6.0
LINE -7.0
LINE -8.0
LINE -9.0
LINE -10.0
LINE -11.0
LINE -12.0
LINE -13.0
LINE -14.0
LINE -15.0
LINE -16.0
LINE -17.0
LINE -18.0
LINE -19.0
LINE -20.0
LINE



KEY

Strong Anomaly (>50 p.p.m.)
Weak Anomaly (>30 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

5 cm

RENISON LIMITED 75-1120

CORINNA D3/2.

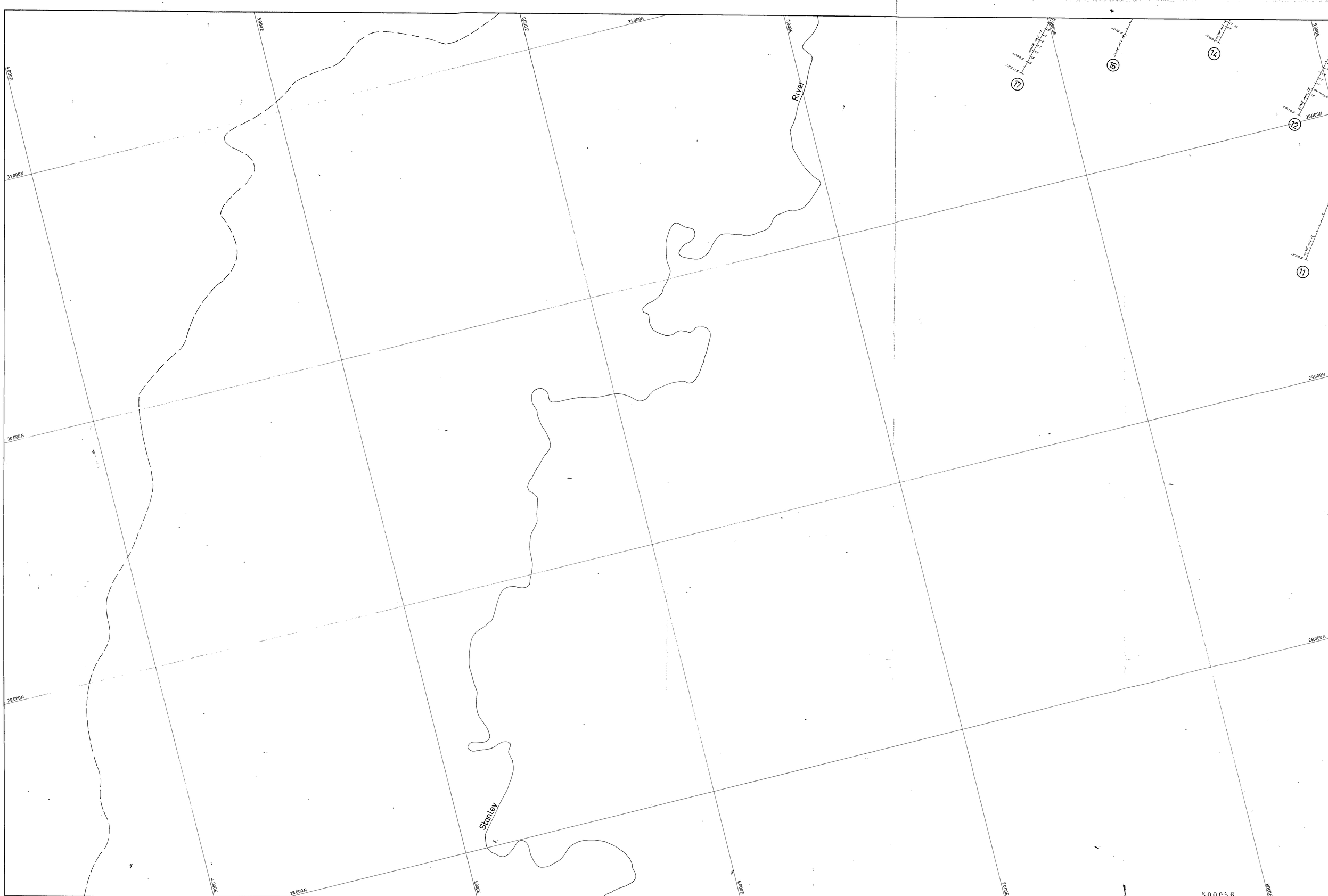
GEOCHEMICAL SAMPLING / WO_3

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(d)/(ii)

1923



500056

5 cm

Strong Anomaly (>50 p.p.m)
Weak Anomaly (>30 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

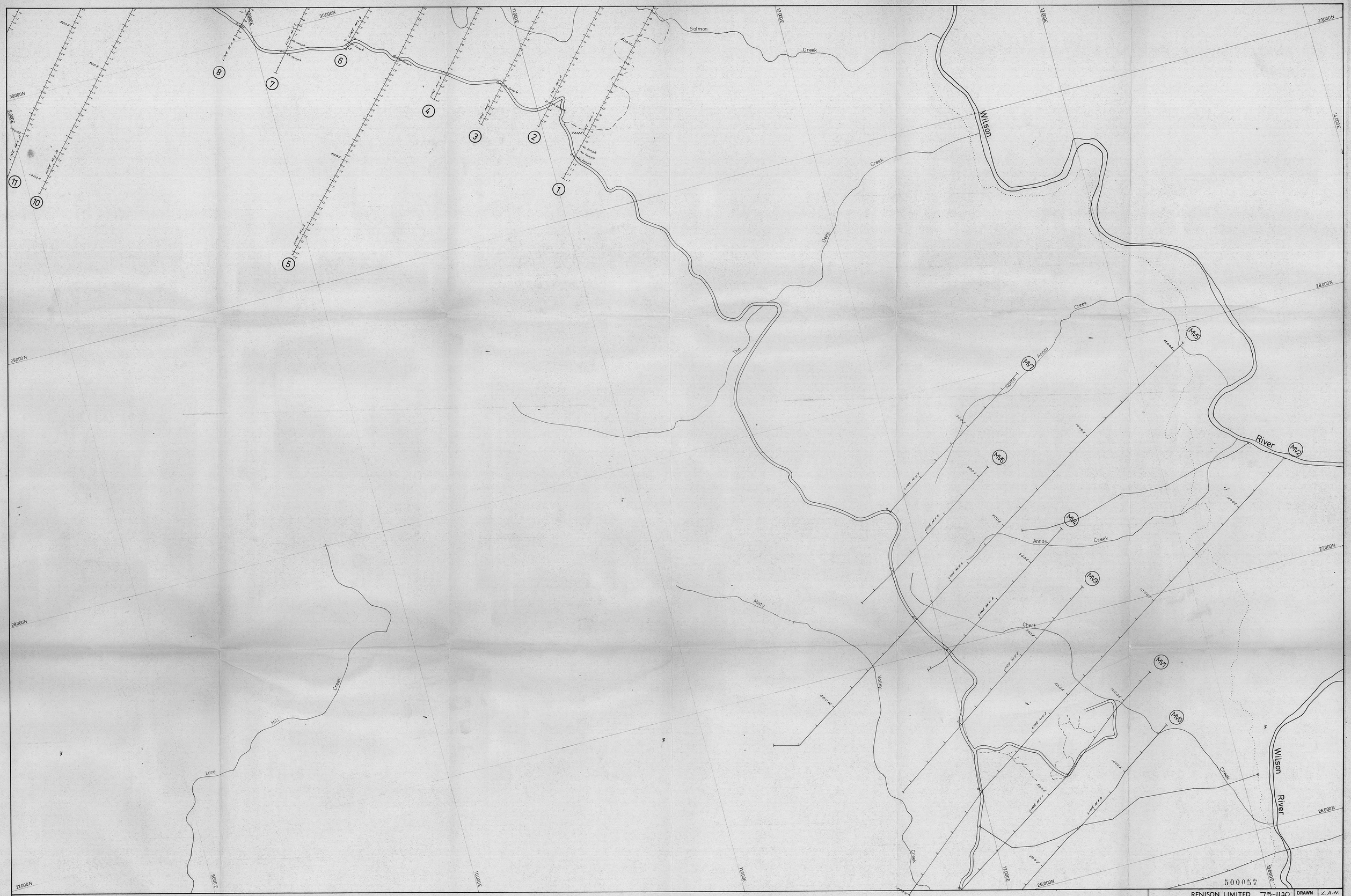
CORINNA D3/3.

GEOCHEMICAL SAMPLING / WO_3

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(d)/(iii)

1924



500057

NOTE: The Misty Valley Grid was sampled during the 1973-74 summer.
The Mt. Lindsay Grid was sampled during the 1974-75 summer.

KEY

Strong Anomaly. (>50 p.p.m.)
Weak Anomaly. (>30 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

5 cm

N.B. Samples taken on the Misty Valley Grid in January 1974 were not assayed for Tungsten.

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 / WO_3

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(d)/(iv)

1925



500058

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

5 cm

RENISON LIMITED 75-112D

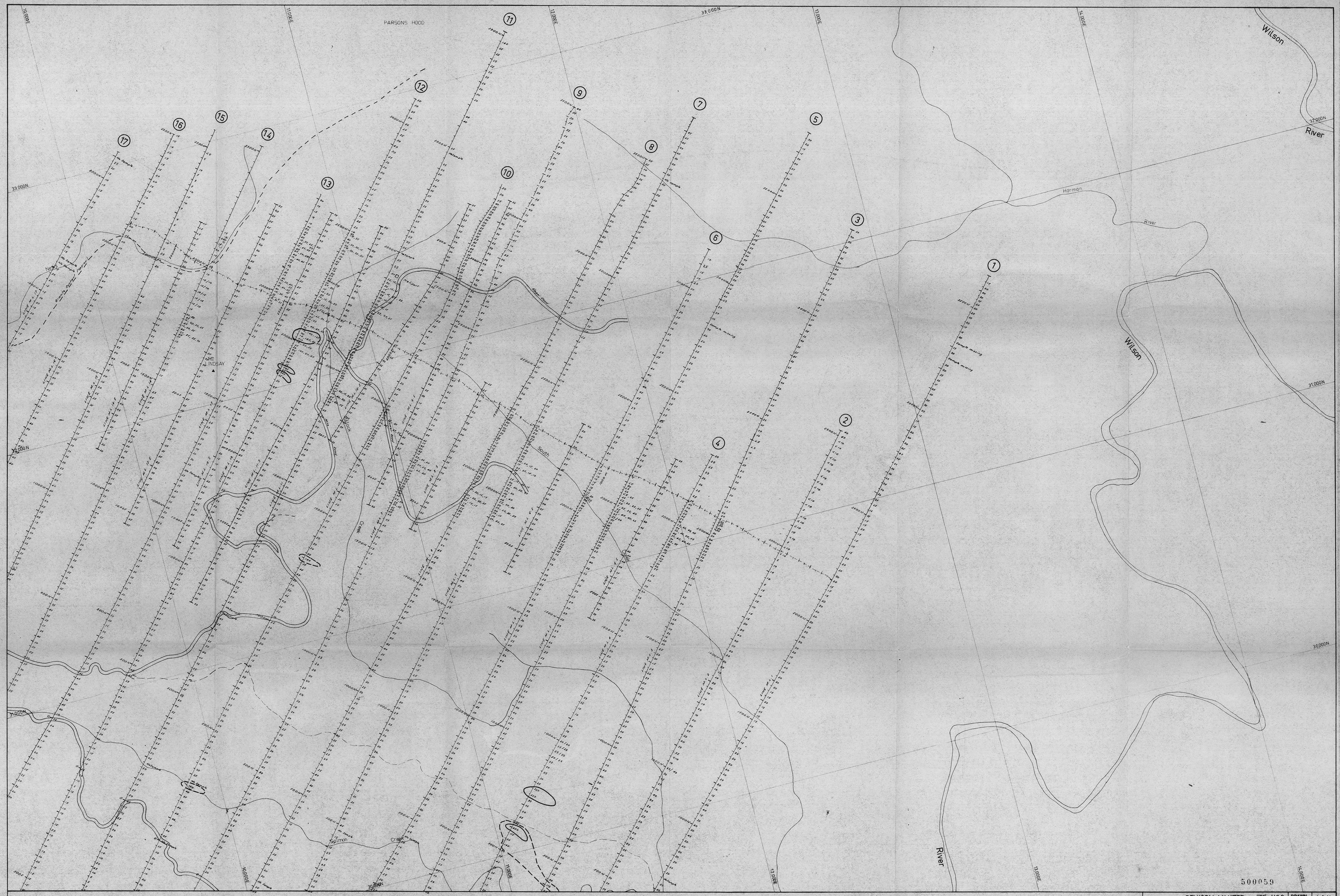
CORINNA D3/1.

GEOCHEMICAL SAMPLING / Pb.

SCALE: 1:5000 METRES

DRAWN	L.A.N.
TRACED	F.C.
DATE	Aug 75
SCALE	1:5000
DRAWING No.	5(e)/(i)

1926



5 cm

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

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

KEY

Road & Walking Track.

2000N — Grid Line & Sample Locality.

5, 45, 10, 50 — Original Sample Value with Resampling Values at 0·3, 0·6, 0·9 m. Depth respectively.

5/10 — 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 / Pb.

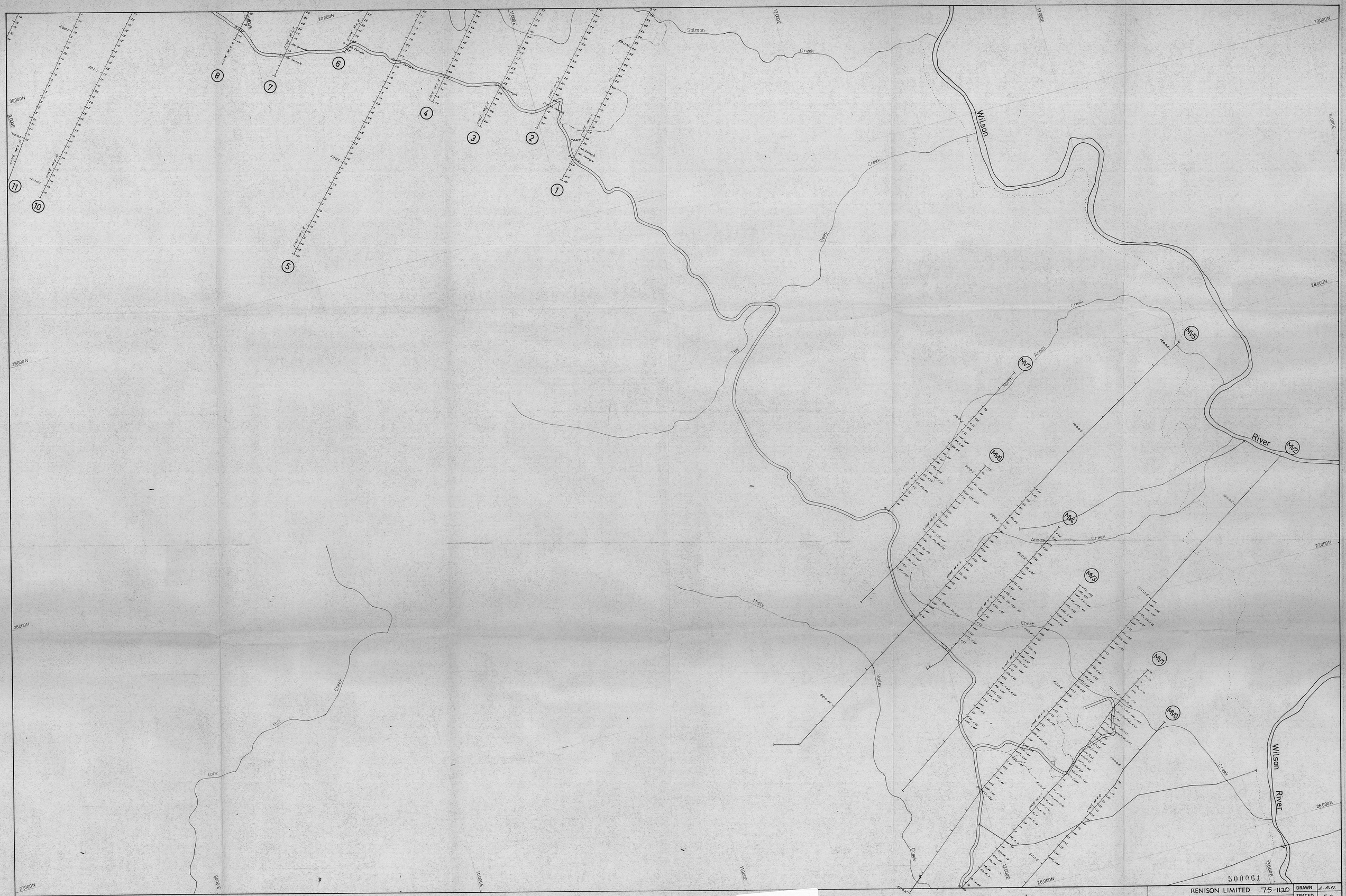
SCALE. 1:5000 METRES

100 0 100 200 300

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

1927

4,000E
5,000E
31,000N
30,000N
29,000N
River
Stanley
6,000E
7,000E
8,000E
16
14
12
11
17
1E05 S
1E00 S
1E10 S
1E15 S
1E20 S
1E25 S
1E30 S
1E35 S
1E40 S
1E45 S
1E50 S
1E55 S
1E60 S
1E65 S
1E70 S
1E75 S
1E80 S
1E85 S
1E90 S
1E95 S
1E100 S
1E105 S



NOTE:

1. The Misty Valley Grid was sampled during the 1973-74 summer.
   The Mt. Lindsay Grid was sampled during the 1974-75 summer.
2. The strong anomaly on MV1 800/900m.E was not repeatable and was probably due to contamination.

The lower limit of detection was different for the two grids: Misty Valley 25 p.p.m. Mt. Lindsay 5 p.p.m.

5 cm

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, 0.9 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 D3/4.

GEOCHEMICAL SAMPLING / Pb.

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(e)/(iv)

1929

5,000E
6,000E
7,000E
8,000E
9,000E
34,000N
33,000N
32,000N
31,000N
River
Creek
News
Stanley
Ground Contour (approx.)
Line 44 W
Line 45 W
Line 46 W
Line 47 W
Line 48 W
Line 49 W
Line 50 W
Line 51 W
Line 52 W
Line 53 W
Line 54 W
Line 55 W
Line 56 W
Line