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ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED**West Coast Mines****OPEN FILE**

10,364/86.

EXPLORATION LICENCE NO. 6/85**JUKES-DARWIN****Progress Report on Exploration Activity****October, 1985 to 19th September, 1986****MICROFILMED****E.Z. Report No. 219****I.J. Mathison,
S. Taylor,
October, 1986**

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AO-518-0007	1:5,000	Jukes	Sample Locations
0008	1:5,000	Snake	Sample Locations
0009	1:5,000	Darwin	Sample Locations
AO-518-0010	1:5,000	Jukes	Geochemistry Zn/Pb
0011	1:5,000	Snake	Geochemistry Zn/Pb
0012	1:5,000	Darwin	Geochemistry Zn/Pb
AO-518-0013	1:5,000	Jukes	Geochemistry Cu
0014	1:5,000	Snake	Geochemistry Cu
0015	1:5,000	Darwin	Geochemistry Cu
AO-518-0016	1:5,000	Jukes	Geochemistry Au
0017	1:5,000	Snake	Geochemistry Au
0018	1:5,000	Darwin	Geochemistry Au

APPENDIX

Stream Sediment Samples - Geochemistry
 Rock Samples - Geochemistry

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1. INTRODUCTION

1.1. Location and Access (See Fig. 1)

E.L. 6/85 of 70 sq.km. was granted to E.Z. on 19th October, 1985. It covers part of E.L. 9/66 which was relinquished by Mt. Lyell in August, 1984.

The E.L. is situated between 7km and 25km south of Queenstown. Best access to all parts of the area is by helicopter. However some road access to the eastern part of the area is provided by very rough drill tracks from the Kelly Basin Track.

1.2. Regional Geology (See Fig. 2)

In this area the threefold subdivision of the Mt. Read Volcanics of Corbett (1985) is most useful.

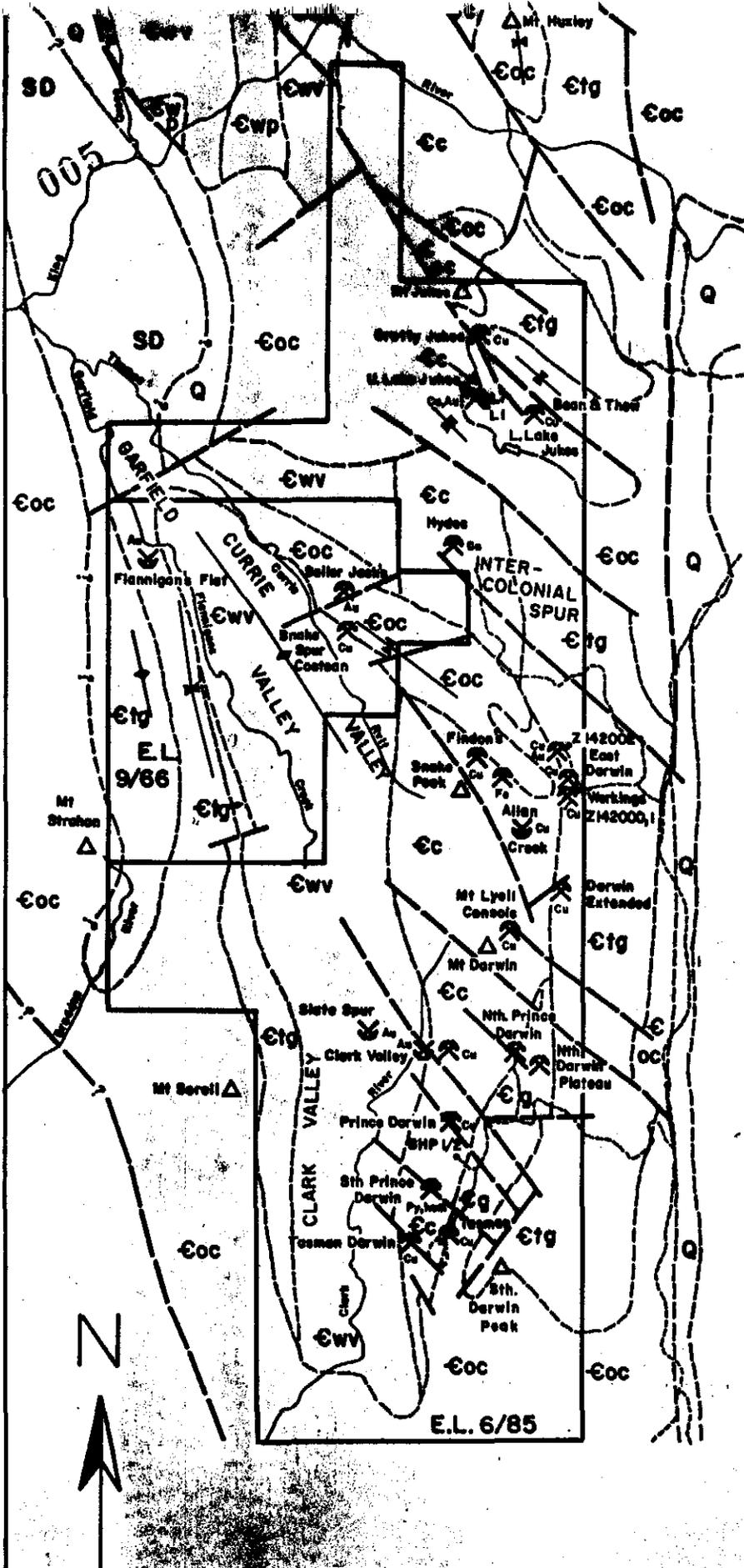
An older volcano sedimentary sequence - the Western Sequence is followed by a sequence of predominantly terrestrial acid volcanics. This unit includes lavas, ashflows, agglomerates, tuffs and minor intrusives. In the South Darwin area, the central volcanic sequence is intruded by the Darwin Granite.

Following a period of considerable erosion, the Tyndall Group of volcanoclastic conglomerate sandstone, breccia, quartz-feldspar phytic tuff and quartz-feldspar porphyry was deposited. Rocks of the Tyndall Group outcrop along the eastern and western flanks of the older volcanic rocks.

After volcanic activity in the area ceased, Cambro-Ordovician conglomerate, sandstone and limestone were deposited. These rocks are preserved to the east and west of the volcanics and in synclinal troughs across the volcanics.

1.3. Exploration Philosophy

In the Mt. Jukes to South Darwin area previous systematic exploration by Mt. Lyell, B.H.P., I.N.A.L. and Gold Fields etc. has been designed to investigate the potential for volcanogenic Cu-Pb-Zn sulphides. In these programmes, regional airborne EM and magnetic surveys have detected several anomalies, the best of which have been followed-up by IP surveys, geochemical sampling and subsequently diamond drilling. Such work has delineated widespread zones of magnetite-haematite veining within the central rhyolitic lava core of the Mt. Read Volcanics and extensive areas of disseminated chalcopyrite and pyrite within strongly altered



LEGEND

- Q** Quaternary
- SD** Silurian-Devonian
Undifferentiated Sediments
- Eoc** Cambrian-Ordovician
Owen Conglomerate
- Cambrian - Mt. Read Volcanics**
- Ecg** Tyndall Group
- Ewp** Western Sequence
quartz feldspar porphyry
- Ewv** Western Sequence
mainly volcanics
- Ec** Central Sequence
feldspar phytic volcanics
- Eg** Darwin Granite
- Fault
- - -** Geological Boundary
- Cu** Mine Workings - underground
- Au** Mine Workings - surface
- BHP 1/2** Diamond Drill Hole
- Tracks
- ~~~~~** Rivers/creeks

PROJECT: JUKES - DARWIN		
GEOLOGY		
Compiled: S.T.	Date: 8-5-85	PLAN NO
Drawn: R.J.R.	Scale:	Fig. 2

flanking pyroclastics, but no evidence of massive stratiform volcanogenic sulphides has been detected.

As all the known mineralization is of the subsurface epigenetic type and there is no indication of a quiescent submarine depositional environment suitable for the accumulation and preservation of massive sulphides, it is concluded that:

- * any massive exhalative sulphides (if they were ever formed) have been removed by erosion.
- * the areas of pyrite-silica-chlorite alteration with prominent sulphides within the flanking pyroclastics represent subsurface feeder zones of considerable hydrothermal fluid movement.

Although the possibility of volcanogenic massive sulphides can be discounted, the area still holds economic potential as the potential for bulk, low-grade, epithermal volcanogenic gold deposits has been virtually ignored by previous explorers. In recent years such deposits have become viable exploration targets due to higher gold prices, the development of specialized metallurgical techniques to treat such fine-grained ores and an increased understanding of their genetic controls and characteristics.

Examples of such deposits, which are currently being mined or at an advanced stage of exploration, include the following:

Waihi - New Zealand	14Mt @ 4.5 g/t Au
Gold Ridge - Solomon Island.	20Mt @ 2.0 g/t Au
Pueblo Viejo - Dominican Republic	27Mt @ 4.2 g/t Au
Round Mountain - Nevada	10Mt @ 1.9 g/t Au

In Western Tasmania the Mt. Read Volcanics belt seems prospective for this type of deposit as the gold content of the major volcanogenic orebodies is significant

via Rosebery	3.0 g/t Au
Que River	3.5 g/t Au
Hellyer	3.0 g/t Au
Mt. Lyell	0.4 g/t Au

As yet no distinct gold-only epithermal volcanogenic deposits are known in the Mt. Read Volcanics, but it should be noted that

- * such deposits would have escaped detection by early prospectors due to their extremely fine grained nature.
- * no systematic modern exploration programme has been designed specifically for their detection.

Within the Mt. Jukes-South Darwin area the following general features suggest potential for epithermal bulk low-grade gold deposits:

- * widespread occurrence of gold in old workings.
- * presence of subaerial felsic volcanics.
- * occurrence of extensive zones of chlorite-silica-pyrite alteration.
- * widespread zones of low-grade disseminated and veinlet Fe and Cu sulphides.
- * local occurrences of agglomerates and volcanic breccias which may represent vents.
- * the presence of major cross-cutting fractures of regional extent which may have promoted the movement of hydrothermal fluids.

2. PRELIMINARY INVESTIGATIONS

2.1. Work Completed

A data review of the results of previous exploration was completed. This review was aimed at rapidly selecting the areas with the most obvious potential for epithermal gold mineralization. No systematic review and re-interpretation of all results has yet been attempted.

2.2. Preliminary Target

The preliminary data review identified several areas with mineralization and alteration patterns which could possibly be associated with an epithermal gold deposits. The characteristics of each of these areas are outlined below.

2.2.1. Lake Jukes

In this area gold was won from the Lake Jukes workings (14 oz Au from a selected crushing of 134 tons ore) and was also reported in the Bean and Thow workings. In 1957/58 two DDH's, L1 and L7 (Fig. 2) tested disseminated pyrite and chalcopyrite in silicified felsites of the Lake Jukes workings, but encountered only insignificant Cu (max. 0.18%) Pb (max. 0.34%) and Ag values. Gold assays were only performed on two selected bulk samples of EX core from hole L7, which showed

0 - 80 feet	0.06 g/t Au
250 - 400 feet	0.12 g/t Au

Since then there has been no systematic ground investigations of this area other than geological mapping by Corbett.

In addition to the demonstrated presence of gold in this area, the following features are of significance:

- * presence of an extensive area of alteration with abundant disseminated sulphides around the Lake Jukes workings.
- * occurrence of major faulting.

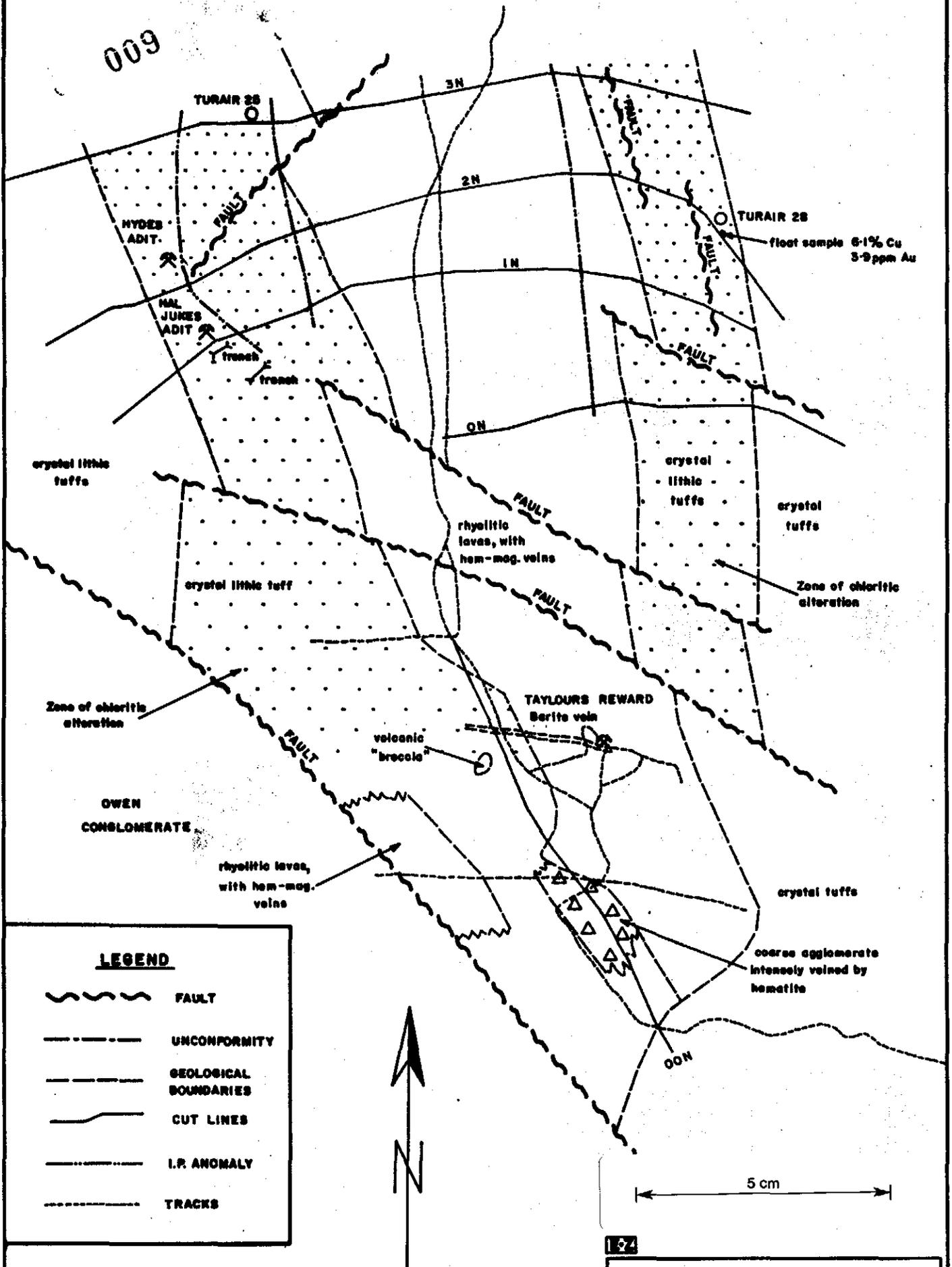
2.2.2. Hydes-Taylor's Reward (See Fig. 3)

This area (Fig. 3) comprises a suite of altered pyroclastics flanking both sides of a N-S trending zone of massive rhyolites. Disseminated Fe, Cu sulphides are prominent in the pyroclastics while magnetite-haematite veins are common in the rhyolites. Previous detailed ground work includes ground magnetics, mapping and chip sampling (BHP 1965-1972) and mapping, sampling, IP (I.N.A.L. 1972-74) to investigate the copper potential of the Hal Jukes-Hydes area in the west and the vicinity of I.N.A.L.'s Turair 28 anomaly in the east.

Although gold was reported in the Taylor's Reward barite deposit and a value of 3.9 ppm Au was recorded by I.N.A.L. in a sample of gossanous float from the area of Turair 28, no comprehensive gold sampling was undertaken until Goldfields made a belated, rushed attempt to assess the gold potential in May, 1984. In their 32 samples no values >0.01 ppm Au were established, but as they confined their activities to the easily accessible areas of the central track and the Hydes Creek area to the west, the most prospective zones of strong alteration and disseminated sulphides within the pyroclastics were not tested. It is therefore concluded that the potential for gold in this area cannot be discounted.

Areas deemed worthy of investigation for gold are:

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LEGEND

-  FAULT
-  UNCONFORMITY
-  GEOLOGICAL BOUNDARIES
-  CUT LINES
-  I.P. ANOMALY
-  TRACKS



SCALE

PROJECT:	
INTERCOLONIAL SPUR HYDES - TAYLOURS REWARD AREA	
Compiled: S.T. Date: 25-9-'64	PLAN NO
Drawn: R.J.R. Scale: 1:10,000	FIG. 3

- * the eastern area of strong chloritic alteration and disseminated sulphides around Turair 28, which featured 3.9 ppm Au in a float sample.
- * the western area of chloritic alteration and prominent Fe, Cu sulphides associated with the Hal Jukes and Hydes workings, and its extension to the south, over a total strike length of 1 km. Within this zone the area of strong sulphides in the vicinity of Hydes Adit (24m @ 0.5-1.25% Cu) warrants immediate attention.
- * the area of agglomerates and volcanic breccias with prominent haematite veining in the southern part of the area. As such fragmental lithologies may indicate the presence of vents, they are of great significance.

2.2.3. East Darwin (See Fig. 4)

The East Darwin area (Fig. 4) comprises altered, mineralized pyroclastics to the east flanking massive rhyolites to the west.

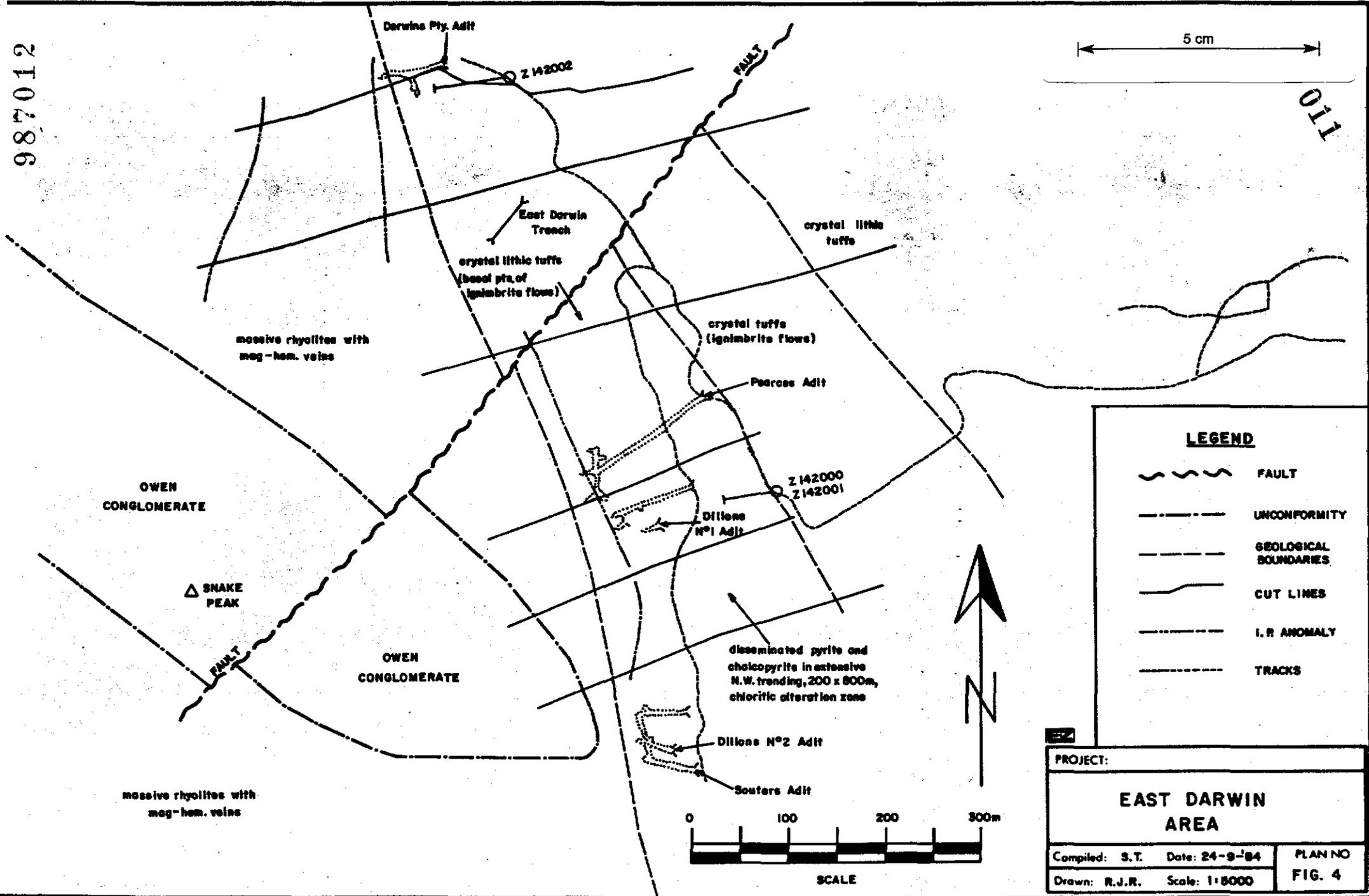
Since the early fifties the area has been subjected to periodic detailed ground investigations as follows:

- | | |
|---------|--|
| 1953-56 | Mt. Lyell sampling and mapping of east Darwin workings |
| 1956-62 | B.M.R. detailed ground EM (Turam), magnetics and SP |
| 1972-74 | I.N.A.L. follow-up of a major Turair anomaly by mapping, rock chip sampling, IP, then 3 DDH's, Z 142,000, 1 and 2. |

This work has delineated an extensive 200 x 800m zone of strong chloritic alteration in flanking pyroclastics adjacent to the massive rhyolitic core. In this zone, disseminated and veinlet pyrite and chalcopyrite is widespread, but is particularly prominent in a 70m wide development immediately adjacent to the lavas, where 8m @ 0.97% Cu has been recorded in Pearce's Adit. Testing of this zone by the three I.N.A.L. DDH's established that the copper tenor of this area decreases significantly within the first 100-180m

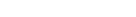
987012

011



5 cm

LEGEND

-  FAULT
-  UNCONFORMITY
-  GEOLOGICAL BOUNDARIES
-  CUT LINES
-  I.R. ANOMALY
-  TRACKS

PROJECT:		
EAST DARWIN AREA		
Compiled: S.T.	Date: 24-9-84	PLAN NO
Drawn: R.J.R.	Scale: 1:8000	FIG. 4



SCALE

depth to <0.5% Cu values, but the information available on the gold content is inconclusive. Although gold was recorded in the East Darwin workings, no assaying for gold was undertaken until I.N.A.L. submitted selected samples for Au and Ag assays from their three DDH's.

According to Ruddock (I.N.A.L. Final Report on E.L. 13/655, April, 1974), the gold assays "were consistently much less than 5 dwt to the ton" (7.5 g/t) and consequently were not worthy of further attention. Nowadays, when 1 g/t Au is highly significant, the East Darwin area appears to be an attractive gold target.

2.2.4. Findon's-Mt. Lyell Consols (Fig. 5)

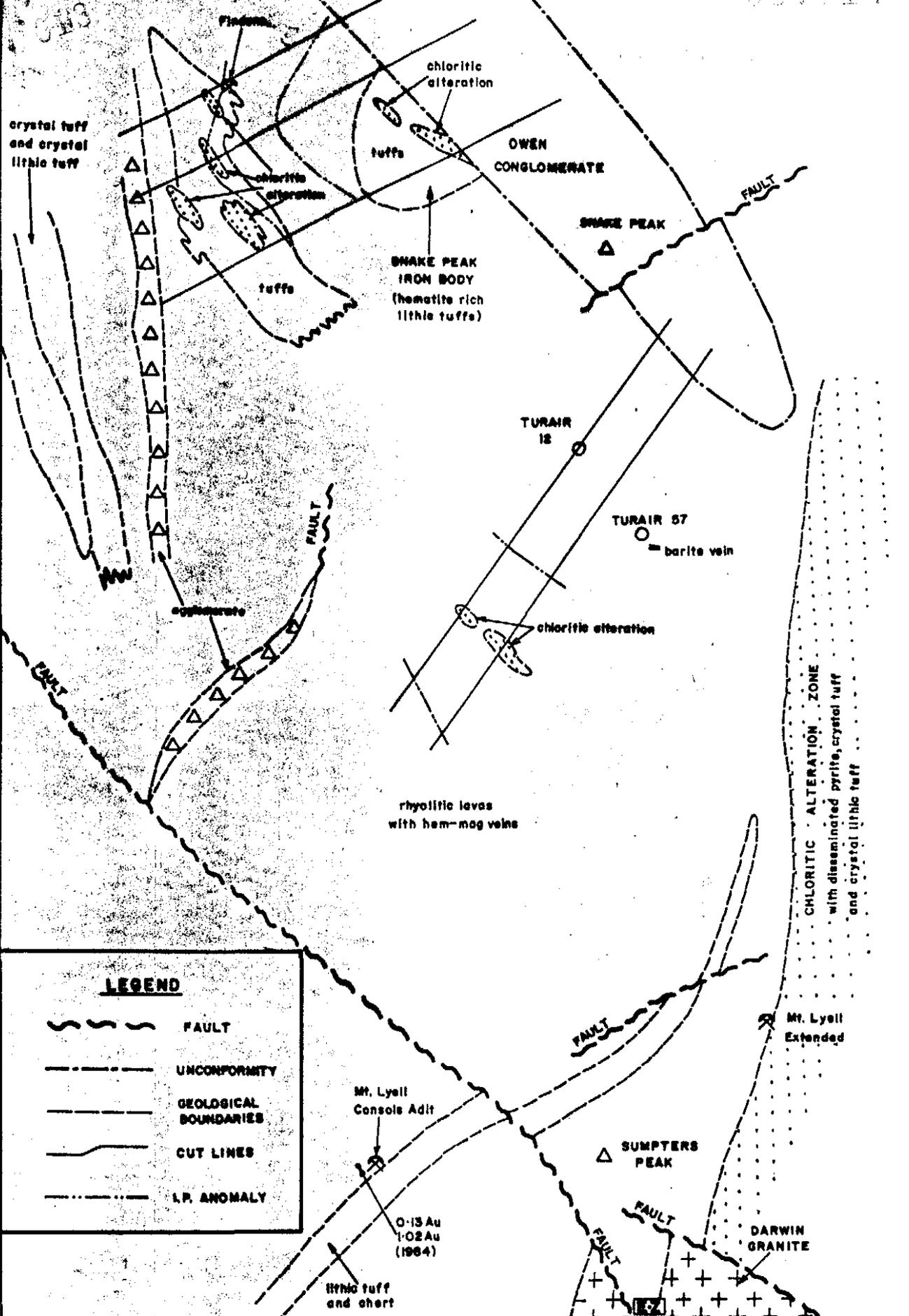
In the north of this area Findon's Workings have been investigated as follows:

1956-62	B.M.R. adit sampling, soil/rock chip sampling.
1964-65	U.S. Metal Refining Co., mapping, adit sampling and SP.
1972-76	I.N.A.L. mapping, rock chip sampling, IP.

In all these investigations the gold potential was overlooked and consequently there is no information on the gold content. There are, however, several features which suggest that the area should be assessed for its gold potential, viz

- * discrete zones of strong chloritic alteration with significant disseminated Fe and Cu sulphides at an immediately south of Findon's Workings.
- * the Snake Peak Iron Body, a 250 x 100m elliptical area of haematite-quartz-barite rich lithic tuffs, which may represent the infilling of a small vent.
- * linear lenses of agglomerate to the west and south of Findon's.

In the south east half of this area, strong chloritic alteration with disseminated pyrite and chalcopyrite occurs as discontinuous lenses within massive lavas near Turair 12 and 57 and also forms an extensive zone in the flanking pyroclastics to the east. As the Allan Creek alluvial gold workings lie adjacent to the former locality, the alteration was tested for its gold content by



LEGEND

- FAULT
- UNCONFORMITY
- GEOLOGICAL BOUNDARIES
- CUT LINES
- I.P. ANOMALY

5 cm



0 200 400 600 m

PROJECT:

FINDONS, ALLANS-SNAKE PEAK AREA

Compiled: S.T. Date: 24-9-'84 PLAN NO

014

I.N.A.L. in 1972, but the three samples returned <0.5 ppm Au and no follow-up work was undertaken.

Recently the area from Allans Creek to the Mt. Lyell Consols Workings was sampled in hurried fashion by Goldfields. Of the 24 samples taken, 19 were <0.01 ppm Au, but the 1.02 ppm Au and 0.13 ppm Au values adjacent to the Mt. Lyell Consols Workings surely warrant follow-up.

It should be noted, too, that the Goldfields sampling did not cover the area of mineralized chloritised pyroclastics to the east. Consequently the gold potential of this area cannot be discounted.

2.2.5. Area South of Mt. Darwin

In this area the main potential for epithermal gold lies in the environs of the Prince Darwin workings, where the following ground investigations have been undertaken:

- 1956-62 Lyell mapping and soil/rock chip sampling.
- 1964-65 U.S. Metals Refining Co., mapping, adit sampling and SP.
- 1965-72 B.H.P. DDH's 1 and 2.

Such work has defined an area of widespread disseminated Cu in massive and brecciated felsites, which are extensively replaced by chlorite, haematite and magnetite. The Cu-Ag content of this zone is sub-economic according to the results of DDH 1 (max. 10ft @ 0.47% Cu) and DDH 2 (max. 10ft @ 0.58% Cu), but no information is available on the gold content as gold assays were not undertaken, presumably because the Prince Darwin Workings were not noted for their gold values.

In the early sixties U.S. Metals Refining Co. recorded 125.5 feet @ 0.46% Cu and 0.1 g/t Au in their adit sampling. While the overall gold content of this section is low, it may represent a hangingwall halo reflecting higher gold values at depth.

Other features suggesting that the area should be assessed for gold are the brecciated form of the felsite host, the abundant vein, disseminated and stockwork Cu, Fe sulphide mineralization, the significant chloritisation and silicification, the

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major NW faulting which traverses the area and numerous other gold shows (Section 3184, North Darwin Plateau, Section 3353 and Section 5561-M).

3. FIELD WORK - OCTOBER, 1985 TO SEPTEMBER, 1986

3.1. Work Completed

Reconnaissance geological mapping, rock chip sampling and stream sediment sampling was carried out along roads, along old cut lines, along selected drainage channels and around old workings. This initial work was concentrated in the following areas:

South Darwin - Darwin Plateau

13 Stream sediments, 27 rock chip samples.

East Darwin

74 rock chip samples.

Intercolonial Spur

69 rock chip samples.

Upper Lake Jukes

25 rock chip samples.

Mt. Darwin - Snake Peak

13 stream sediments; 45 rock chip samples with follow-up sampling in the Findons area; 30 rock chip samples, and in the Lyell-Consols area; 17 rock chip samples.

All geochemical results have been entered on data sheets (Appendix) and plotted onto base plans. Geological mapping has also been plotted onto suitable base plans.

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3.2. Results Received**South Darwin - Darwin Plateau**

13 Stream Sediments

Element	Range	Mean	No. Anomalies
Cu	<5-35	15	-
Pb	<5-55	25	-
Zn	15-85	40	-
Ag	0.5-1.0	-	-
Fe	1700-3.35%	1.17%	-
As	<1-9	2	-
Au	<0.001-0.231	0.023	1

27 Rock Chips

Element	Range	Mean	No. Anomalies
Cu	<5-65	10	-
Pb	<5-115	5	-
Zn	5-185	25	-
Ag	All 0.05	<0.05	-
Fe	1.01-17.32%	3%	-
As	<1-18	3	-
Au	<0.005-004	<0.005	-

Sample 48965 assayed 0.231 ppm Au. The stream sediment was collected towards the top of a stream draining Mt. Darwin and the Darwin Plateau.

East Darwin

Results for the adit, core and road traverse rock chip sampling are summarized below.

74 Rock Chips

Element	Range	Mean	No. Anomalies
Cu	<5-2.89%	80	8
Pb	<5-350	30	4
Zn	<5-1840	50	3
Ag	<0.5-9	1	2
Fe	5600-24.33%	3.5%	1
As	<1-46	10	-
Au	<0.005-0.51	0.005	1

017

All anomalies are associated with the adit sampling. The highest value 2.89% Cu, 350 Pb and 9 Ag (63923) was from Pearce's Adit mullock heap. All other Cu values were <0.4%. The gold anomaly of 0.51 ppm (48929) came from Darwin Pty. adit.

The diamond drill holes Z 142001 and Z 142002 drilled by I.N.A.L. underneath the East Darwin adits showed less mineralization at depth and gave poor Au assays. The mineralization is in pyritic quartz sericite schists of the Flanking Pyroclastics and is adjacent to the probable fault contact with the Central Rhyolites. Mineralization decreases away from this contact.

Intercolonial Spur

69 Rock chip sample assays are summarized below

Element	Range	Mean	No. Anomalies
Cu	5-9,500	40	3
Pb	<5-250	30	0
Zn	10-415	75	0
Ag	<0.5-4.5	<0.5	0
Fe	1650-35.45%	3.5	3
As	<1-92	8	0
Au	<0.005-0.32	0.01	2

Samples 66490 and 66525 assayed 0.1 & 0.32 ppm Au respectively. They are from a chloritic, pyritic fault zone exposed at a waterfall on line 00N of the I.N.A.L. grid.

3 gossanous samples showed minor gold with sample 66479 being the best at 0.07 Au and 1,200 Cu. The Taylors Reward Barite vein showed 9,500 Cu.

Lake Jukes

25 Rock chip assays are summarized below

Element	Range	Mean	No. Anomalies
Cu	5-4,9009	90	3
Pb	15-520	35	2
Zn	110-630	220	0
Ag	<0.5-6.5	1.3	3
Fe	1.36-8.36%	3.8%	0
As	<1-16	3.5	0
Au	<0.01-1.98	0.01	2

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The anomalous samples are:

A chloritised rhyolite (no. 66537) with 4,600 ppm Cu and 6.5 ppm Ag.

A fine grained quartz porphyry (no. 66539) with 4,900 ppm Cu, 3.5 ppm Ag and 1.98 ppm Au.

A cleaved sericitised quartz tuff (no. 66541) with 3,700 ppm Cu, 5.5 ppm Ag and 0.31 ppm Au.

Mt. Darwin - Snake Peak

13 stream sediment and 45 rock chip assays are summarized below.

13 Stream sediment samples

Element	Range	Mean	No. Anomalies
Cu	20-135	50	-
Pb	25-170	100	-
Zn	35-125	85	-
Ag	0.5-1.5	1.0	-
Fe	1.15-2.85%	2.29%	-
As	6-82	38	-
Au	<0.001-0.268	0.043	3

45 Rock chip samples

Element	Range	Mean	No. Anomalies
Cu	<5-8685	40	2
Pb	<5-630	20	1
Zn	<5-320	40	1
Ag	<0.5-50	0.5	1
Fe	1.11-44.26%	3.03%	1
As	<1-3100	4.5	1
Au	<0.005-5.13	<0.005	1

The notable anomaly within this area is sample 48989. This is a 1 metre square gossan outcrop near Sumpters Peak and assays Cu 8685, Pb630, Zn <5, Ag 50, Fe 44.26%, As 3100 and Au 5.13. The anomalous Au values 63963, 82, 86 are from streams draining the area containing the gossan. The gossan is surrounded by a 100m chloritised zone. A large sample of the chloritic rock assayed <0.005 Au.

Findons

17 Rock chip samples

Element	Range	Mean	No. Anomalies
Cu	10-1.25%	70	3
Pb	<5-405	20	1
Zn	10-365	90	0
Ag	<0.5-2.0	<0.5	0
Fe	0.1-17.19%	5.3%	0
As	<1-10	1	0
Au	<0.008-0.12	0.008	0

Samples 66512, 66513 and 66518 were all above 1,110 ppm Cu and represents samples of the chloritised tuffs near the adits and from the mullock heaps at the Findons Workings. The zinc average is high and seems to reflect a chloritic alteration effect.

Lyell Consols

17 Rock chip sample assays are summarized below.

Element	Range	Mean	No. Anomalies
Cu	5-335	70	1
Pb	5-2890	25	1
Zn	15-1350	70	1
Ag	<0.5-1.0	<0.5	0
Fe	3400 ppm-20.28%	2.55%	1
As	<1-7	2.5	0
Au	Only one sample above detection limit and it is only 0.01 ppm		

Sample No. 66803 is the only anomalous sample. It is a heavily chloritised rhyolite and contains 355 ppm Cu; 2,890 ppm Pb; 1,350 ppm Zn and 20.28% Fe.

Four stream sediment samples were collected in the Lyell-Consols area and two of these returned anomalous gold values with 1.45 ppm Au and 3.04 ppm Au respectively. No other element is anomalous in any of the four samples.

4. DISCUSSION OF RESULTS

During 1986, reconnaissance sampling and mapping were concentrated around areas of known mineralization. Several elevated gold values were reported from both rock chip samples and stream sediment samples. Although these elevated gold values were scattered and erratic and although no discrete zones with elevated gold values could be defined the results are still encouraging. The reconnaissance nature of the sampling with widely spaced samples collected at irregular sample intervals was not tight enough to outline such zones. Further sampling is recommended.

5. PROPOSED PROGRAMME FOR 1986-87

- * Rehabilitation of old grid lines around Lake Jukes, Hydes-Taylours, East Darwin, Findons-Mt. Lyell Consols and South Darwin.
- * Detailed rock chip sampling along these grid lines.
- * Detailed rock chip sampling along suitable drainage channels through these selected areas.
- * Detailed geological mapping of the above areas.
- * Preliminary geological mapping, rock chip sampling and evaluation of other alteration zones within the Central Sequence of the Mount Read Volcanics.

CITED REFERENCES

- CORBETT, K.D., 1985 Geological compilation map of the Mount Read Volcanics, Que River to Mt. Darwin. Unpub. Report Tas. Dept. Mines 1985/11.

021

APPENDIX

Stream Sediment Samples - Geochemistry
Rock Samples - Geochemistry

987023

E.Z. Co. of A'Asia Ltd,
ROSEBERY, Tasmania

GEOCHEMICAL SAMPLE DATA SHEET

PROJECT: ..JUKES - DARWIN..
LOCALITY: ..MT. DARWIN..
GRID NAME:
NOMINAL GRID AZIMUTH:

MATERIAL: Stream Sediments.....
SAMPLE METHOD:
SAMPLED BY: ..P. GAMMON..
DATE: ..18/3/95.....

SIZE FRACTION ANALYSED:80#.....
ANALYSED BY: ..ANALABS.....
METHOD: AAS, CARBON ADD.....

022

SAMPLE NUMBER	SAMPLE LOCATION DATA			STREAM DATA			COMPOSITION DATA			METAL CONTENT (ppm unless specified)									
	GRID LINE NO.		A.N.G. CO-ORDINATES	Str. Order Direction of Flow	Width	Active Stream Load	Clay	Sand	Rock Frags.	Organic	CONTAM.	Geology	Cu	Pb	Zn	Ag	Au	Fe	As
	GRID EASTING	NORTHING																	
DARWIN CREEK																			
48955	X	D		321035382360	W	1	SML			X		135	50	110	10	0.002	2.82	6	
48965	X	D		319495382885	W	2	MED			X		20	25	40	X	0.231	1.42	X	
48973	X	D		319415382585	W	3	MED			X		30	40	85	1.0	0.048	1.92	1	
48976	X	D		319385382335	W	3	MED			X		30	40	35	X	0.009	1.452	X	
48979	X	D		319395382305	W	3	MLGE			X		35	55	70	1.0	X	3.352	9	
DARWIN CREEK																			
63963	X	D		321745384490	ESE	2	MED			X		50	85	125	1.5	0.057	2.852	69	
63967	X	D		321715384710	ESE	2	MED			X		40	80	65	1.5	0.010	2.82	24	
63970	X	D		321675384940	ESE	2	MED			X		45	135	120	1.5	0.005	2.752	27	
63974	X	D		321685385055	ESE	2	MED			X		30	65	50	0.5	0.011	1.22	17	
63977	X	D		321790385200	ESE	2	MED			X		35	125	55	1.0	0.010	1.852	44	
63979	X	D		321820385450	ESE	2	MED			X		40	170	90	1.0	0.002	2.32	76	
66403					ESE	2	MED			X	ADAD	20	170	315	1.5	0.002	1.152	47	
ALLEN'S CREEK																			
48990	X				E	2	MED			X		55	50	65	1.0	I/S	2.12	17	
63982	X	DS		322515384630	E	2	MED			X		40	105	60	0.5	0.268	1.62	23	
63987	X	S		322505384810	E	2	MED			X		70	90	95	1.0	0.106	2.252	29	
63990	X	S		322425384990	E	3	MED			X		60	110	75	0.5	0.012	2.22	82	
63994	X	S		322545385145	E	3	MED			X		35	130	95	0.5	0.003	1.652	36	
ALLEN'S CREEK																			
66429	X	S		32280385130	E	1	SML					5	80	65	0.5	X	6.650	1	
66432	X	S		322935384965	E	2	SML					5	50	45	X	0.001	5.850	1	

987024

Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER				PROJECT: JUKES-DARWIN		LOCALITY: EAST DARWIN						
							COLLECTED BY: P. GANNON		DATE: 0/3/53						
Sample Number	A.M.G.Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section			Metal Content (p.p.m. unless specified)						
	N	E				By	Reference	Rock-type (Microscopic)	Cu	Pb	Zn	Ag	As	Fe	Au
48921	B.M.P. DRILL TRACK		ROCK	DK GRN F.G.R. CHL QZ AMPHIB. PYRITIC CLAYED RHYOLITE					60	115	X	X	7	3.66%	X
48922	HAMPY DUMPY		"	GRN VF.GR. LITHOL. RHYD. PY. VENS. FRASSED	RHYOLITE				40	X	X	X	2	3.21%	0.01
48923	"		"	GRN F.G.R. FELD QZ RHYD. FRASSED	RHYOLITE				20	X	X	X	X	1.61%	X
48924	"		"	GRN F.G.R. QZ FELD RHYOLITE MINOR M/H	RHYOLITE				X	X	X	X	X	1.01%	X
48925	DARWIN PITY APT 20m		"	TUFFAN F.G.R. QZ FELD LITHOL. CHL TUFF	TUFF				95	X	X	X	7	5.16%	X
48926	" " 40m		"	TUFFAN F.G.R. QZ FELD LITHOL. TUFF MINOR PY	TUFF				X	X	25	X	X	5.26%	X
48927	" " 60m		"	GRN F.G.R. CHL QZ FELD PHYLITE	CHL. PHYLITE				10	X	10	X	2	6.11%	X
48928	" " " 5 STARS SOUTH ON COMPASS 0.8m		"	GRN F.G.R. CHL QZ PHYLITE MINOR PY	CHL. PHYLITE				730	X	X	X	3	7.71%	X
48929	" " " 5-10m		"	LT GRN F.G.R. QZ CHL SER. SCHIST MINOR PY	SCHIST				1735	X	40	X	2	6.81%	0.51
48930	" " " 10-15m		"	LT GRN F.G.R. CHL QZ SER. SCHIST MINOR PY	SCHIST				520	X	X	X	6	6.21%	0.01
48931	" " " 15-20m		"	LT GRN F.G.R. CHL QZ SER. SCHIST MINOR PY	SCHIST				2535	X	X	X	2	4.61%	0.04
48932	" " " 20-25m		"	LT GRN F.G.R. QZ CHL SER. SCHIST MINOR PY	SCHIST				35	X	X	X	14	4.56%	X
48933	" " " 25-30m		"	LT GRN F.G.R. LITHOL. QZ CHL TUFF MINOR PY	TUFF				260	X	X	X	2	3.41%	0.01
48934	" " " 30-35m		"	LT GRN F.G.R. LITHOL. FELD QZ TUFF	TUFF				10	X	X	X	6	1.66%	X
48935	" " " 35-40m		"	LT GRN F.G.R. LITHOL. QZ CHL SCHIST	SCHIST				15	50	15	X	5	3.56%	0.02
48936	" " " 40-45m		"	GRN F.G.R. CHL FELD QZ PHYLITE PYRITIC	PHYLITE				20	X	X	X	1	3.86%	X
48937	" " " 45-50m		"	LT GRN VF.GR. LITHOL. QZ CHL ASH	STRIATED ASH				5	X	X	X	X	2.56%	X
48938	" " " 50-55m		"	LT GRN VF.GR. QZ LITHOL. CHL ASH MINOR PY	" "				5	X	X	0.5	X	3.16%	X
48939	" " " 55-60m		"	GRN VF.GR. QZ CHL ASH MINOR PY	" "				20	X	X	X	X	4.66%	X
48940	" " " 60-65m		"	GRN VF.GR. QZ CHL ASH MINOR PY	" "				15	X	X	X	X	4.51%	X
48941	" " " 65-70m		"	GRN F.G.R. QZ LITHOL. CHL SCHIST MINOR PY	SCHIST				130	X	X	X	4	5.26%	X
48942	322 730	338 295	"	LT GRN F.G.R. FELD QZ CHL TUFF CLEAVED	TUFF				65	140	1775	0.5	5	2.16%	X
48943	322 935	384 350	"	LT GRN F.G.R. FELD QZ TUFF CLEAVED	TUFF				X	65	X	X	X	9.150	X
48944	323 120	384 320	"	LT GRN F.G.R. QZ FELD PY. TUFF CLEAVED	TUFF				70	45	X	X	4	3.16%	X
48946	321 125	383 030	"	GRN F.G.R. FELD QZ RHYD. MINOR M/H	RHYOLITE				105	X	X	X	X	2.23%	X
48948	321 110	382 830	"	GRN F.G.R. QZ FELD RHYD. MINOR M/H	RHYOLITE				25	5	10	X	X	1.98%	X
48950	321 095	382 705	"	GRN F.G.R. QZ RHYD. M/H VENNED	RHYOLITE				25	35	X	X	7	3.63%	X
48951	321 065	382 620	"	GRN F.G.R. QZ RHYD.	QZ RHYOLITE				25	30	X	0.5	6	3.38%	X
48952	321 025	382 550	"	GRN/VF.GR. QZ CHL RHYD. MINOR PY	QZ RHYOLITE				20	X	X	X	X	2.43%	X
48954	321 035	382 360	"	GRN/VF.GR. QZ CHL RHYD. MINOR M/H	RHYOLITE				10	X	30	X	X	1.63%	X
48956	321 035	382 305	"	GRN F.G.R. QZ CHL RHYD. (ALTERED) MINOR PY	RHYOLITE				10	X	15	X	X	2.83%	X

987025

Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER				PROJECT: JUKES DRAWN		LOCALITY: SOUTH OAKWIND - OF DRAWN								
							COLLECTED BY: P. GAMMON		DATE: 02/11/54								
Sample Number	A.M.G. Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section				Metal Content (p.p.m. unless specified)							
	N	E				T or P	By	Reference	Rock-type (Microscopic)	Cu	Pb	Zn	Ag	Fe	As	Au	
48957	5321 030	5382 260	ROCK	GEN. F.G.R. QZT. MSL. CHL. TUFF CLEAVED.	METATUFF						30	20	15	X	4.73%	14	X
48959	320 980	382 180	"	GEN. V.G.R. VOLC. QUATZITE. MENOR. PY.	QUARTZITE						10	5	X	0.5	2.43%	X	X
48960	320 955	382 145	"	BLK. V.F.G.R. TUFFACEOUS SHALE	SHALE						35	65	155	0.5	4.18%	37	X
48962	320 860	382 040	"	LT. GRAY. QZT. FELD TUFF. OXID. PY. CARBONIFEROUS	TUFF						20	15	65	X	3.08%	32	X
48963	320 870	381 970	"	BLK. F.G.R. LITHOL. QZT. TUFF. PY. VEH. CHL. PA-STAINED	TUFF	T	C.M.S.	85/3/20	PARAPHENOLITE		50	95	45	X	2.64%	22	X
48964	320 900	381 920	"	LT. GRAY. F.M.G.R. QZT. SER. TUFF. CLEAVED.	TUFF						30	20	15	X	2.55%	20	X
48966	319 495	382 885	"	P. F.G.R. FELD QZT. RHYO	RHYOLITE						5	X	X	X	1.91%	X	X
48967	319 485	382 850	"	P. F.G.R. FELD QZT. RHYO	RHYOLITE						X	X	X	X	2.01%	X	X
48968	319 475	382 805	"	WHY. V.F.G.R. ?CHERT?/SILICEOUS RHYO	QZT. RHYOLITE						X	X	X	X	1.91%	X	X
48969	319 460	382 745	"	P. F.G.R. FELD QZT. RHYO FRACTURED	RHYOLITE						65	X	X	X	1.66%	X	X
48970	319 430	382 670	"	D. GRAY. F.G.R. QZT. FELD CHL. RHYO	RHYOLITE						X	X	X	X	1.91%	X	X
48971	319 425	382 620	"	GRAY. F.G.R. QZT. FELD SER. TUFF	TUFF						X	X	X	X	1.61%	X	X
48972	319 415	382 565	"	P. GRAY. F.G.R. LITHOL. QZT. FELD TUFF	TUFF						25	10	85	X	1.53%	6	X
48974	319 385	382 485	"	BLK. F.V.F.G.R. BASALT	BASALT						10	35	155	X	8.48%	4	X
48975	319 380	382 430	"	P. F.G.R. FELD QZT. RHYOLITE	RHYOLITE						10	5	30	X	2.23%	3	X
48977	319 385	382 335	"	P. GRAY. F.G.R. QZT. FELD RHYOLITE MENOR. M/H	RHYOLITE						25	10	5	X	1.63%	X	X
48978	319 395	382 305	"	L. GRAY. F.G.R. ?CHERT?/SILICEOUS RHYO DISSEM./VEN. PY.	QZT. RHYOLITE						10	5	X	X	2.08%	15	0.04
48980	321 300	383 900	"	P. WHY. F.G.R. QZT. FELD TUFF (SILICEOUS)	TUFF						180	X	X	X	2.66%	7	X
48981	321 360	383 855	"	P. GRAY. V.F.G.R. QZT. FELD CHL. TUFF (SILICEOUS)	TUFF						20	X	X	X	3.78%	2	X
48982	321 250	383 955	"	WHY. V.F.G.R. QZT. ASH. PYRETIC	ASH						115	X	X	X	1.96%	70	X
48983	321 170	383 780	"	P. GRAY. V.F.G.R. QZT. FELD CHL. TUFF (SILICEOUS)	TUFF						5	30	X	X	2.31%	2	X
48984	321 025	383 580	"	P. GRAY. V.F.G.R. QZT. FELD CHL. TUFF (SILICEOUS)	TUFF						180	45	X	X	2.86%	X	X
48985	321 055	383 555	"	WHY./BLK. V.F.G.R. QZT. ASH. PYRETIC (SILICEOUS)	ASH						125	100	X	X	2.56%	60	0.06
48986	321 090	383 520	"	WHY./GRAY. V.F.G.R. QZT. ASH (SILICEOUS)	ASH						5	25	X	X	1.11%	3	X
48987	321 300	383 630	"	P. GRAY. F.G.R. QZT. FELD CHL. RHYO	RHYOLITE						75	X	X	X	3.51%	X	X
48988	321 495	383 785	"	P. GRAY. F.G.R. CHL. QZT. FELD RHYO	RHYOLITE						80	150	X	X	5.21%	X	X
48989	321 495	383 785	"	BRN. F.L.G.R. LITHOLITE / HEM./M/L. GOSSAN	GOSSAN						8685	620	X	50	44.26%	3100	5.13
48991	PEARCES ADIT		"	GEN./GRAY. F.G.R. QZT. SER. SCHIST	SCHIST						100	85	1840	X	3.38%	6	X
48992	PEARCES ADIT		"	GEN./GRAY. F.G.R. QZT. SER. SCHIST PYRETIC	SCHIST						30	5	95	X	4.33%	10	X
48993	PEARCES ADIT		"	Young BLK. F.G.R. RHYOLITE 2 ABUNDANT M/H / PY	RHYOLITE						70	25	65	0.5	24.33%	12	0.04
48994	PEARCES ADIT		"	GEN./GRAY. F.G.R. QZT. SER. PY. SCHIST	SCHIST						90	10	170	X	6.33%	10	0.02

920786

Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER				PROJECT: JAMES-DARWIN		LOCALITY: EAST DARWIN							
							COLLECTED BY: P. GAMMON		DATE:							
Sample Number	A.M.G.Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section			Metal Content (p.p.m. unless specified)							
	N	E				T or P	By	Reference	Rock-type (Microscopic)	Ca	Pb	Zn	Ag	Fe	As	Au.
48995	PEARLES	ADST	ROCK	GRN/GRY F.GR. RTZ SER PY SCHIST	SCHIST					65	10	80	X	4.63%	9	0.03
48996	"	"	"	GRY F.GR. RTZ PY SER SCHIST	SCHIST					115	250	105	3.5	13.33%	47	0.04
48997	"	"	"	GRY M.GR. RTZ PY SCHIST MODER SER	SCHIST					610	40	205	X	6.08%	29	0.02
48998	"	"	"	GRY F.GR. RTZ SER PY CHL SCHIST	SCHIST					30	10	70	X	5.58%	18	X
48999	"	"	"	GRY M.GR. RTZ SER SCHIST PY/CLP ^{WITH STIBITE}	SCHIST					2090	30	15	X	8.53%	40	0.02
49000	"	"	"	GRY M.GR. RTZ SER SCHIST PY/CLP	SCHIST					675	15	160	X	7.13%	21	0.01
63922	PEARLES ADST MULLOCK HEAP		"	RTZ OF CNT RHYD, RTZ SER PY SCHIST, RTZ MICA SCHIST, SHALLOWSIDE /PY/M/H PRESENT	SCHIST					4540	265	340	3.5	14.33%	71	0.04
63923	"	"	"	RTZ SER SCHIST, PY/CLP ABUNDANT	SCHIST					287%	350	100	9	15.33%	41	0.06
63924	DILLONS NO.1. LOWER ADST		"	GRANITE FGR MODER SCHIST PY/G SER'D	SCHIST					245	15	70	X	2.4%	2	X
63925	"	"	"	GRY/GRN FGR RTZ SER SCHIST PY	SCHIST					3240	230	705	1	10.3%	20	0.02
63926	"	"	"	LT GRY F.GR. AT SER SCHIST PY	SCHIST					460	80	135	X	3.53%	24	X
63927	" MULLOCK HEAP		"	GRN F.GR. RTZ SER PY SCHIST	SCHIST					100	20	140	X	7.28%	18	0.02
63928	Z142002	20-25m	"	GRN C.GR. RTZ LITHIC FELD TUFF	TUFF					N/A	N/A	N/A	0.5	2.7%	9	0.01
63929	"	60-70m	"	GRY F.GR. FELD RTZ LITHIC SER TUFF	TUFF					"	"	"	0.5	2.6%	3	X
63930	"	90-98m	"	GRN F-MGR. RTZ FELD DACTILE CLEAVED	DIORITE					"	"	"	5	4.12%	1	0.01
63931	"	100-106m	"	GRN F.GR. RTZ FELD SER TUFF CLEAVED	TUFF					"	"	"	8	4.92%	20	0.06
63932	"	106-115m	"	LT GRN F.GR. RTZ SER PY SCHIST	SCHIST					"	"	"	1.5	3.6%	35	0.01
63933	"	115-120m	"	GRN F.GR. RTZ SER SCHIST DISSEM PY ^{WITH A}	SCHIST					"	"	"	1	3.92%	31	0.03
63934	"	120-130m	"	GRN F.GR. RTZ SER PY SCHIST	SCHIST					"	"	"	0.5	2.4%	20	X
63935	"	130-140m	"	GRN F.GR. RTZ SER SCHIST PY	SCHIST					"	"	"	X	5.6%	7	0.05
63936	"	150-160m	"	GRN F.GR. RTZ SER SCHIST PY	SCHIST					"	"	"	X	7.9%	11	X
63937	"	175-185m	"	R/GRN F.GR. RTZ FELD RHYD M/H = PY	AMPHIBOLE					"	"	"	1	4.2%	4	X
63938	"	185-200m	"	GRN F.GR. RTZ SER SCHIST M/H = PY	SCHIST					"	"	"	X	4.0%	5	X
63939	Z142001	15-30m	"	PZ F.GR. FELD RTZ RHYD M/H = PY	AMPHIBOLE					"	"	"	0.5	1.9%	1	X
63940	Z142001	40-55m	"	GRN C.GR. RTZ LITHIC FELD TUFF CLEAVED	TUFF					"	"	"	X	2.4%	3	X
63941	"	55-70m	"	GRN F.GR. RTZ LITHIC TUFF MOD PY	TUFF					"	"	"	X	2.7%	2	X
63942	"	75-90m	"	GRN F.GR. RTZ LITHIC FELD TUFF	TUFF					"	"	"	1	2.0%	1	X
63943	"	90-100m	"	GRN F.GR. RTZ LITHIC TUFF MOD CLEAVED	TUFF					"	"	"	X	2.2%	5	X
63944	"	100-110m	"	GRN F-MGR FELD RTZ LITHIC TUFF CLEAVED	TUFF					"	"	"	1	3.0%	1	X
63945	"	120-130m	"	GRN F.GR. RTZ CHL TUFF CLEAVED ^{DISSEM PY}	TUFF					"	"	"	X	2.7%	2	X
63946	"	130-135m	"	GRN F-MGR RTZ CHL FELD TUFF CLEAVED	TUFF					"	"	"	0.5	5.5%	10	0.03

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N/A = NOT ASSAYED

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987027

Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER					PROJECT: JUKES - DARWIN		LOCALITY: EAST DARWIN - MT. DARWIN					
								COLLECTED BY: A. GAMMON		DATE: 2/5/60					
Sample Number	A.M.G.Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section			Metal Content (p.p.m. unless specified)						
	N	E				Y or P	By	Reference	Rock-type (Microscopic)	Cu	Pb	Zn	Ag	Fe	As
63947	2142001	135-145m	Rock	GRN F.G.R. QTZ SER CHL TUFF CLEAVED PY	TUFF				N/A	N/A	N/A	0.5	5.87%	5	X
63948	"	115-150m	"	GRN F.G.R. QTZ SER CHL TUFF CLEAVED PY	TUFF				"	"	"	0.5	4.27%	8	X
63949	"	150-160m	"	GRY F.F.G. QTZ LETHE FELD SER CHL TUFF CLEAVED PY	TUFF				"	"	"	0.5	4.97%	13	X
63950	"	160-170m	"	DK GRN VF.GR. QTZ CHL ASH MINOR PY	ASH				"	"	"	0.5	4.17%	15	0.01
63951	"	175-185m	"	GRN F.G.R. QTZ SER PY TUFF CLEAVED	TUFF				"	"	"	0.5	5.27%	4	X
63952	"	185-192m	"	GRN F.G.R. QTZ SER CHL PY TUFF CLEAVED	TUFF				"	"	"	0.5	5.22%	12	X
63953	"	192-200m	"	GRN F.G.R. QTZ SER PY TUFF CLEAVED	TUFF				"	"	"	X	5.37%	16	X
63954	"	210-220m	"	GRN F.G.R. QTZ SER PY TUFF CLEAVED	TUFF				"	"	"	1	5.42%	12	X
63955	"	225-240m	"	GRN F.G.R. QTZ SER PY FELD TUFF CLEAVED	TUFF				"	"	"	0.5	5.57%	5	X
63956	"	240-250m	"	DK GRY F.G. FELD QTZ RHYO ABUNDANT M/H	RHYOLITE				"	"	"	0.5	5.57%	4	X
63957	"	250-255m	"	DK GRY F.G.R. QTZ M/H RHYO MINOR PY	RHYOLITE				"	"	"	1.5	7.42%	6	X
63958	"	255-265m	"	Pz. F.G.R. FELD QTZ RHYO M/H - PY	RHYOLITE				"	"	"	1	3.97%	4	X
63959	"	265-278m	"	Pz. F.G.R. FELD QTZ RHYO M/H - PY	RHYOLITE				"	"	"	1	3.32%	5	X
63960	"	164.5m	"	F.G.R. QUARTZ VEIN SAMPLE	QUARTZ				"	"	"	X	5600	X	X
63961	DARWIN PIX ABIT 60m.		"	F.G.R. W/H QUARTZ VEIN	QUARTZ				85	X	X	X	2.11%	14	X
63962	5321750	5384450	"	GRN-BLK F.G. QTZ CHL BACTEL TUFF PY VESIC	TUFF				20	45	125	X	8.78%	2	Y
63964	321745	384490	"	DK GRY M.G. QTZ FELD LETHEC TUFF CLEAVED	TUFF				30	15	190	X	2.43%	X	Y
63965	321725	384570	"	GRY F.G. QTZ CHL TUFF xTA	TUFF				15	25	160	Y	2.26%	5	X
63966	321700	384635	"	GRY F.G. QTZ FELD TUFF xTA	TUFF				25	10	55	X	2.88%	X	Y
63968	321725	384725	"	GRY M.G. FELD QTZ TUFF MINOR PY	TUFF				40	25	70	Y	4.28%	4	X
63969	321750	384830	"	DK GRY VF.G. RHYOLITE ASH MINOR PY	ASH				85	15	X	0.5	4.48%	23	Y
63971	321675	384940	"	DK GRY F.G. FELD PY FELD TUFF xTA	TUFF				20	15	5	Y	2.13%	8	0.03
63972	321660	384995	"	GRY F.G. FELD PY FELD TUFF xTA MINOR PY	TUFF				10	5	Y	X	2.03%	X	Y
63973	321665	385030	"	DK GRY F.G. FELD QTZ TUFF MINOR PY	TUFF				30	X	30	Y	4.98%	1	0.01
63975	321755	385130	"	DK GRY F.G. QTZ FELD TUFF PYRITIC SERICITIC	TUFF				30	20	35	X	4.23%	2	0.01
63976	321790	385200	"	DK GRY M.G. FELD QTZ TUFF PYRITIC CHLORITE	TUFF				265	15	30	X	6.58%	21	Y
63978	321815	385330	"	TAN F.G. FELD QTZ TUFF WEATHERED	TUFF				15	30	70	Y	3.03%	X	Y
63980	321820	385450	"	TAN F.G. FELD QTZ TUFF CLEAVED	TUFF				10	37	60	X	1.93%	5	X
63981	322505	384600	"	GRY F.G. QTZ CHL SER PHYLITE PYRITIC	TUFFACEOUS PHYLITE				20	10	75	Y	2.75%	10	0.02
63983	322515	384630	"	DK GRY F.G. QTZ CHL QTZITE/BH MINOR PY	QUARTZITE				15	5	55	Y	1.93%	8	0.02
63984	322530	384680	"	GRY F.G. QTZ FELD CHL QTZITE/ASH CLEAVED	QUARTZITE				5	Y	X	X	1.83%	X	Y

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Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER				PROJECT: THVES - DARWIN		LOCALITY: SOUTH DARWIN						
							COLLECTED BY: P. GAMMON		DATE: 02/1						
Sample Number	A.M.G.Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section			Metal Content (p.p.m. unless specified)						
	N	E				T or P	By	Reference	Rock-type (Microscopic)	Cu	Pb	Zn	Ag	Fe	As
63985	5322540	5384785	ROCK	PLE GRY F.G. RTZ FELD LITH SER TUFF MARGALY	TUFF				10	5	25	X	2.332	X	X
63987	322505	384810	"	TAN F.G. RTZ FELD LITH SER TUFF WEATHERED	TUFF				Y	X	X	Y	1.932	X	Y
63988	322440	384850	"	GRY F.G. RTZ TUFF XTA	TUFF				Y	X	10	Y	2.232	Y	Y
63989	322390	384910	"	GRY F.G. RTZ CHL TUFF MINOR Fe STAIN	TUFF				Y	5	90	Y	2.082	Y	Y
63991	322425	384970	"	PLE GRY F.G. RTZ FELD LITH SER TUFF	TUFF				Y	40	35	Y	2.582	Y	Y
63992	322495	385060	"	PLE GRY F.G. RTZ FELD CHL TUFF	TUFF				Y	90	320	Y	2.832	Y	0.01
63993	322545	385145	"	TAN F.G. RTZ FELD CHL TUFF WEATHERED	TUFF				15	10	X	X	1.632	X	X
63996	KELLY BASIN RD.		FLOAT	GRY F.G. RTZ CHL TUFF PY VEINS	TUFF				10	15	50	Y	4.82	8	X
63997	"	"	"	TAN/BRN M.C.G. LITH TUFF Fe STAINED	TUFF				25	20	Y	X	10332	100	Y
66401	"	"	"	WH/DKR C.G. LITH TUFF PY CONGLOMERATE	CONGLOMERATE				20	145	145	Y	1.732	11	Y
66402	"	"	"	GRY F.G. RTZ CHL TUFF PY VEINS	TUFF				25	20	65	0.5	2.982	8	X
66405	"	"	"	YELLOW/TAN F.M.G. FO RTZ GOSSAN	GOSSAN				5	280	Y	1	3.082	100	Y
66406	B.H.P. DRILL HOLE TAN		ROCK	BLK/BRN F.G. RTZ CHL ANG HEM RHYOLITE PY	RHYOLITE				20	10	Y	X	17.332	18	X
66407	"	"	"	" " " " " " " " " " PY	RHYOLITE				30	10	Y	X	6.32	10	X
66409	STREAM NEAR S.D.	10 MILE HILL	"	BRN/WH F.G. RTZ FELD TUFF	TUFF				Y	5	Y	X	1.082	X	Y
66410	"	"	"	PLE GRY F.G. FELD RTZ TUFF	TUFF				Y	5	25	X	2.082	X	Y
66412	"	"	"	BRN F.G. RTZITE RTZ VEINS	QUARTZITE				10	10	20	X	2.782	1	Y
66413	"	"	"	GRY F.G. FELD LITH TUFF XTA	TUFF				45	5	35	Y	1.082	X	Y
66417	319405	384850	"	PLE GRY F.G. RTZ TUFF XTA	TUFF				10	30	185	X	2.082	6	Y
66419	319390	384960	"	GRY F.G. RTZ FELD TUFF SELECEG	TUFF				Y	5	Y	X	1.982	X	Y
66420	319455	385055	"	PLE GRY M.G. RTZ FELD TUFF SELECEG	TUFF				5	Y	30	Y	2.382	Y	Y
66421	319450	385155	"	PLE GRY F.G. RTZ FELD LITH SER TUFF	TUFF				5	10	60	Y	2.082	X	X
66423	319575	385290	"	GRY F.M.G. RTZ FELD SER TUFF Fe STAINED	TUFF				X	5	20	Y	2.382	X	Y
66424	319510	385495	"	GRY F.M.G. RTZ FELD SER TUFF	TUFF				X	Y	20	Y	1.882	6	Y
66428	322930	385270	"	TAN F.G. RTZ FELD SER TUFF WEATHERED	TUFF				10	35	315	Y	2.782	5	Y
66430	322880	385130	"	GRY/TAN F.G. RTZ FELD LITH SER PHYLITE	PHYLITE				15	100	75	Y	2.532	X	X
66431	322920	385010	"	GRY/TAN F.G. RTZ FELD LITH SER PHYLITE	PHYLITE				5	90	215	Y	3.132	Y	X
66433	322930	384900	"	GRY F.G. FELD LITH TUFF XTA	TUFF				10	15	140	X	1.532	5	X

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Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER				PROJECT: JUKES - DARWIN		LOCALITY: INTERCOLONY SPUR														
							COLLECTED BY: P. GAMMON		DATE:														
Sample Number	A.M.G.Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section			Metal Content (p.p.m. unless specified)														
	N	E				T or P	By	Reference	Rock-type (Microscopic)	Cu	Pb	Zn	Ag	Fe	As	Au.							
INTERCOLONY SPUR.																							
66434	5324785	5383710	ROCK	GRY F.G. QZ SER PHYLLITE PY CLVD.	PHYLLITE	T	C.M.S.	85/3/20	BRONZE RHYOLITE	10	10	50	Y	1.4%	1	Y							
66435	324815	383575	"	PKRY F.G. QZ SER TUFF MEND.PY. CLVD	TUFF					15	20	30	Y	1.55%	1	X							
66436	324825	383535	"	PKRY F.G. QZ PORPHYRY PHYLLITE	QZ PORPHYRY					15	5	10	0.5	5600	4	0.02							
66437	324855	383000	"	PURP F.G. QZ HEM RHYOLITE (STALACTITE?)	RHYOLITE					10	5	20	Y	1.7%	Y	Y							
66438	324850	383180	"	GRY F.G. QZ SER PHYLLITE PY CLVD	PHYLLITE					5	5	25	Y	1.35%	Y	Y							
66439	324850	383235	"	PURP F.G. QZ FELD SER HEM PHYLLITE CLVD	PHYLLITE					115	15	55	Y	9.85%	1	X							
66440	325070	383405	FLOAT	BRN F.G. LHM/HEM GOSSAN	GOSSAN					35	15	20	X	35.45%	21	X							
66441	325110	383440	ROCK	GRN/RED/GRN/UM. B. BARYTE MI. CP. PY	BARYTE					9500	5	10	1.5	1.3%	7	0.03							
66442	325120	383515	"	PK F.G. FELD QZ RHYOLITE MAND. CHL.	RHYOLITE					20	15	30	X	1.4%	Y	X							
66443	325265	382465	"	PK/PURP F.G. QZ SER FELD HEM PHYLLITE CLVD	PHYLLITE	T	C.M.S.	85/3/20	FELTIC OBSEDIAN	10	5	20	Y	2.9%	2	X							
66444	325295	382630	"	PK F.G. QZ FELD RHYOLITE	RHYOLITE					10	10	40	Y	1.6%	Y	X							
66445	325315	382740	"	BRN F.G. QZ SER TUFF SANDSTONE CLVD	SANDSTONE					15	15	70	X	1.8%	2	X							
66446	325350	382760	"	GRN/GRY F.G. QZ FELD ASH CLVD	ASH					15	20	30	Y	1.35%	3	Y							
66447	325355	383200	"	GRY M.L.G. LITHOLITE SER PLAC LAP TUFF	LAP TUFF	T	C.M.S.	85/3/20	RHYOLITE TUFF	40	5	130	Y	3.8%	Y	X							
66448	325980	382950	"	PK F.G. FELD DACITE QZ 'DANTE'	DACITE					10	15	60	Y	1.4%	2	X							
66449	325995	383185	"	DR PK F.G. BOTTLE FELD 'DANTE' M.F. CHL.	DACITE					35	10	45	Y	2.2%	Y	Y							
66450	326000	383265	"	BRN M.G. LITHOLITE QZ FELD QZ LAP TUFF	LAP TUFF					80	10	75	Y	2.35%	Y	Y							
66451	326005	383385	"	BRN F.M.G. QZ FELD RHYOLITE BANDA	RHYOLITE					5	Y	60	0.5	1.8%	1	Y							
66452	325975	383520	"	GRY F.G. FELD LITHOLITE QZ SER TUFF CLVD	TUFF					30	10	65	Y	1.85%	64	Y							
66453	325970	383480	"	GRN F.G. LITHOLITE LAP TUFF SANDSTONE CLVD	LAP TUFF					60	25	95	X	2.85%	27	X							
66454	325955	383730	"	PK/GRN F.G. FELD QZ RHYOLITE	RHYOLITE					165	250	95	X	3.15%	4	X							
66455	326005	383695	"	GRY F.G. Q. F. RHYOLITE F. STRENO	RHYOLITE					5	15	45	Y	1.95%	3	Y							
66456	326070	383650	"	GRY F.G. LITHOLITE QZ SER TUFF CLVD	TUFF					35	5	25	Y	3.3%	1	Y							
66457	326100	383630	"	GRN F.G. LITHOLITE QZ SER TUFF CLVD	TUFF					20	5	115	Y	3.75%	1	Y							
66458	326160	383530	"	GRN/BRN F.G. LITHOLITE QZ SER TUFF CLVD	TUFF					10	80	415	Y	2.5%	2	X							
66459	325955	383730	"	GRN F.G. QZ FELD RHYOLITE PY SPRT	RHYOLITE	T	C.M.S.	85/3/20	DACITE	1950	15	115	Y	9.95%	3	Y							
66460	326125	383040	"	BRN F.G. HEM/HEM GOSSAN	GOSSAN					35	35	30	Y	34.45%	35	Y							
66461	326125	383040	"	GRN/PR F.G. FELD QZ CHL RHYOLITE	RHYOLITE					10	10	50	Y	2.45%	1	X							
66462	326070	382845	"	PK F.G. F.O. RHYOLITE BREGIATED	RHYOLITE					15	5	35	X	1.6%	2	X							
66463	325970	382685	"	GRN F.G. QZ LITHOLITE CHL TUFF	TUFF					20	5	130	Y	3.35%	1	Y							

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Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER					PROJECT: JUKES - DARWIN		LOCALITY: INTERCOLONY SPUR						
								COLLECTED BY: P. GAMMON		DATE: 8/10						
Sample Number	A.M.G.Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section			Metal Content (p.p.m. unless specified)							
	N	E				T or P	By	Reference	Rock-type (Microscopic)	Cu	Pb	Zn	Ag	Fe	Al	Au
66464	5325965	5382585	ROCK	GRN F.G. LITHOL. RTZ CHL. TUFF	TUFF					45	10	75	Y	5.2%	1	Y
66465	325880	382700	"	GRN F.G. RTZ FELD RHYO. CHL'D	RHYOLITE					310	20	95	0.5	11.4%	28	Y
66466	325835	382735	"	GRN VF.G. LITHOL. RTZ ASH BANDED CHL'D	ASH					30	20	60	X	2.45%	4	X
66467	325870	382720	"	GRN F.G. RTZ BROWN RHYOLITE PYR. CHL'D	DALZITE					165		130	4.5	11.45%	5	X
66468	325905	382760	"	PR/GRN F.G. FELD RTZ BLD RHYOLITE CHL'D	RHYOLITE					25	10	60	X	2.4%	Y	X
66469	325910	382820	"	WHT F.G. FELD RTZ PORPHYRY	RHYOLITE					10		35	X	1.2%	Y	X
66470	325925	382845	"	GRN F.M.G. LITHOL. TUFF CHL'D	TUFF					20	15	90	X	4.2%	8	X
66471	324765	383425	"	GRY F.G. LITHOL. RTZ SEPTUFF. CHL'D	INT. TUFF	T	CM.S.	85/3/20	RHYOLITE TUFF							
66472	326300	383660	"	GRN F.M.G. RTZ LITHOL. FELD SEPTUFF. CHL'D	TUFF					5	5	75	Y	2.55%	Y	X
66473	326310	383625	"	GRY F.G. LITHOL. RTZ FELD SEPTUFF. CHL'D	TUFF					10	15	55	X	1.8%	Y	X
66474	326320	383585	"	GRY F.G. FELD RTZ ASH MI. CHL.	ASH					15	5	65	X	2%	Y	X
66475	326335	383625	"	GRN/GRY F.G. RTZ FELD ASH CHL. BY'D/VEN'D	ASH					10	30	145	X	2.5%	3	X
66476	326340	383510	"	GRN F.G. RTZ LITHOL. TUFF CHL'D CLVD	TUFF					110	15	105	X	3%	11	X
66477	326380	383370	"	GRY/GRN F.G. RTZ PORPHYRY WHT. REMNANT PY.	RHYOLITE					15	130	20	0.5	1.55%	5	Y
66478	326360	383295	"	BLD GRN F.G. RTZ RHYOLITE MARG. CHL.	RHYOLITE					60	130	65	Y	2.2%	3	X
66479	326330	383165	"	GRN F.G. LITHOL. WHT. GOSSAN	GOSSAN.					1200	40	45	Y	30.95%	88	0.07
66480	326330	383145	"	GRN/PK F.G. FELD RTZ RHYO. MARG. CHL.	RHYOLITE					45	10	35	X	2.2%	3	Y
66481	326145	382270	"	GRY F.G. RTZ FELD TUFF REMNANT PY.	TUFF					10	5	20	X	1.35%	Y	Y
66482	326260	382580	"	GRN F.G. RTZ FELD RHYO. CHL'D	RHYOLITE					25	5	100	Y	7.45%	Y	X
66483	326290	382680	"	GRN F.G. RTZ LITHOL. TUFF CHL'D	TUFF					310	175	130	0.5	8.65%	28	0.01
66484	326290	382770	"	GRY/GRN F.G. RTZ LITHOL. TUFF CHL'D	TUFF					10	20	45	Y	2.05%	5	X
66485	326310	382940	"	PR/GRN F.G. FELD RTZ RHYOLITE CHL'D	RHYOLITE					45	10	90	X	2.2%	1	X
66486	325705	383815	"	GRN F.G. FELD RTZ TUFF MARG. CHL.	TUFF					20	25	210	X	2.1%	1	Y
66487	325730	383770	"	GRN/GRY F.G. RTZ FELD LITHOL. TUFF CHL'D	TUFF					5	5	70	X	1.6%	Y	X
66488	325750	383685	"	GRN F.G. LITHOL. RTZ TUFF CHL'D SECT'D	TUFF					10	45	65	X	1.65	1	X
66489	325750	383620	"	GRN F.G. PY. ASH CLVD	ASH					65	30	50	2	3.4%	92	0.09
66490	325750	383560	"	GRY/PR F.G. LITHOL. RTZ ASH BLD. PY. CLVD	ASH					25	95	40	1.5	6.7%	12	0.1
66491	325750	383560	"	GRN F.G. RTZ LITHOL. TUFF PY.	TUFF					55	35	80	X	2.6%	3	X
66525	325750	383560	"	YELLOW P.M.G. MASSIVE PY. FROM FAULT	PYRITE					30	45	45	1	10.95%	9	0.32
66492	325750	383550	"	GRN/GRY F.G. RTZ BLD TUFF CHL'D CLVD PY.	TUFF					15	10	115	X	5.0%	3	X
66493	325745	383500	"	GRN/GRY F.G. FELD RTZ TUFF MARG. CHL.	TUFF					5	15	50	X	2.1%	X	X

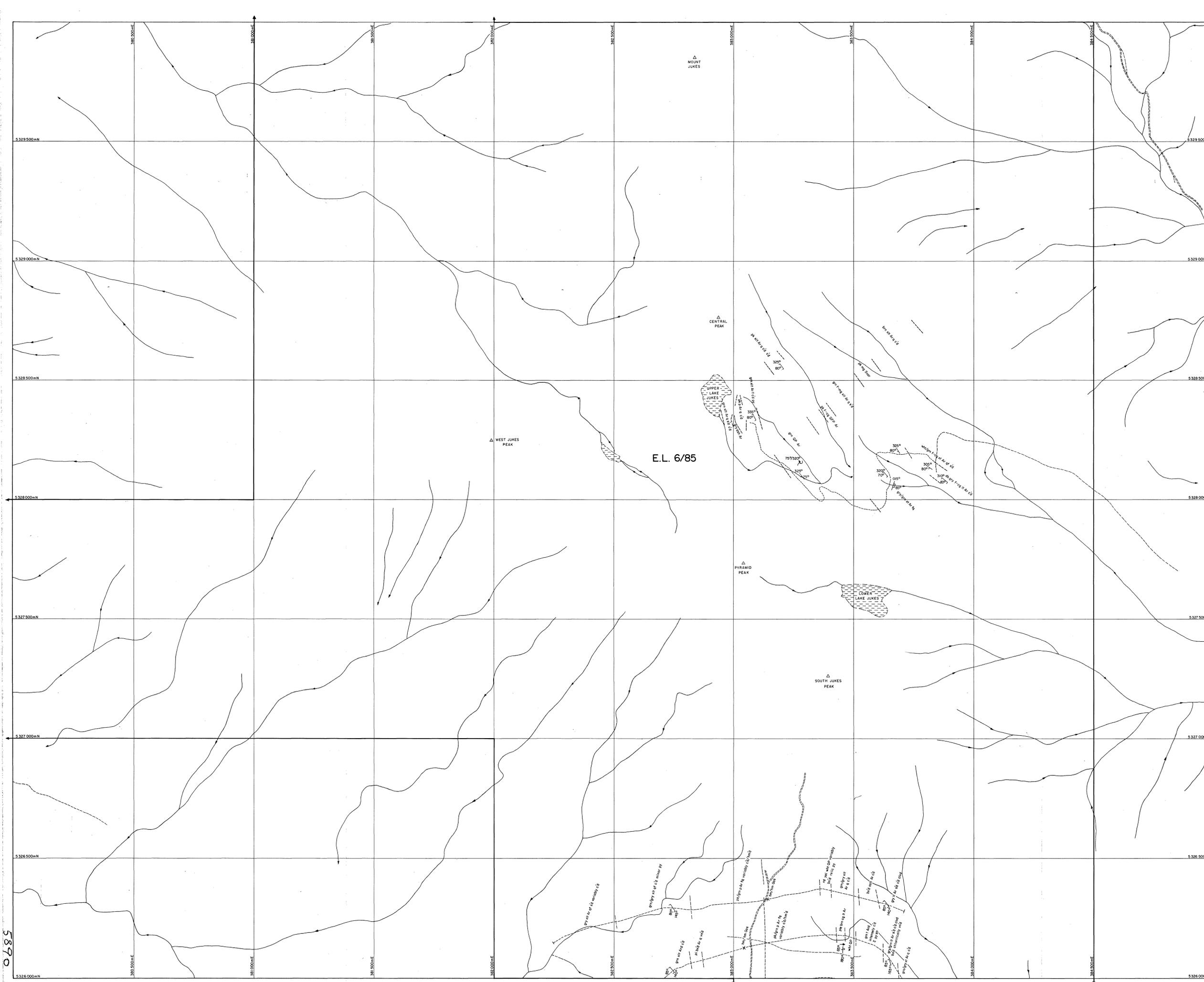
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Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER				PROJECT: JUKES - DARWIN		LOCALITY: INTERCOLLEGE SAAR							
							COLLECTED BY: P. GAMMON.		DATE: 8/0							
Sample Number	A.M.G.Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section			Metal Content (p.p.m. unless specified)							
	N	E				T or P	By	Reference	Rock-type (Microscopic)	Cu	Pb	Zn	Ag	Fe	As	Au.
66494	5325115	5383345	ROCK	BLK F.G. RTZ FELD RHYOLITE CHL'D	RHYOLITE				120	25	240	Y	6.95%	1	X	
66495	325155	383420	"	PR F.G. RTZ FELD RHYO. MARG. (A-C)	RHYOLITE				5	15	45	Y	2.32	1	X	
66496	325150	383310	"	PR F.G. RTZ PORPHYRY	PORPHYRY				30	15	20	X	1.42	1	X	
66497	325730	382450	"	GRN F.G. LITHIC RTZ FELD TUFF SAND CHL'D	TUFF				10	25	15	X	1.53	Y	X	
66498	325710	382500	"	GRN F.G. RTZ TUFF CHL'D CLVD	TUFF				30	120	190	X	3.55%	1	X	
66499	325770	382570	"	WHT F.G. RTZ PORPHYRY	PORPHYRY				5	5	30	Y	1.32	Y	X	
66500	325830	382640	"	GRN F.G. RTZ LITHIC TUFF CHL'D CLVD	TUFF				30	30	90	X	3.52	3	X	
66501	325855	382680	"	GRN F.G. RTZ LITHIC TUFF CHL'D	TUFF				10	5	60	1.5	3.05%	1	X	
66502	325865	382690	"	GRN F.G. LITHIC RTZ TUFF PYSTR. CHL'D	TUFF				190	50	100	0.5	10.45%	17	X	
FINDINGS																
66503	322515	383850	ROCK	WHT F.G. BARITE VEIN	BARITE				225	X	10	Y	1000	X	X	
66504	322460	383720	"	PR/GRN F.G. RHYOLITE CHL'D	RHYOLITE				25	54	70	0.5	2.66%	Y	Y	
66505	322315	383495	"	PR/GRN F.G. RHYOLITE CHL'D MARG. PYL.	RHYOLITE				45	110	150	1	13.87%	10	0.02	
66506	322295	383530	"	GRN F.G. RHYOLITE CHL'D	RHYOLITE				50	75	165	Y	5.79%	Y	X	
66507	322470	383135	"	GRN F.G. LITHIC RTZ AGGLOMERATE	AGGLOMERATE				10.5	17	75	X	3.69%	4	0.01	
66508	322490	383440	FLOAT	PR/GRN F.G. RTZ RHYOLITE CHL'D	RHYOLITE				70	15	65	X	3.69%	Y	0.12	
66509	322490	383460	"	BLK F.G. QUARTZITE	QUARTZITE	P	C.M.S. 85/4/17	PSAMMOPHYTE	95	405	160	1.5	6.44%	1	X	
66510	322490	383460	"	GRY V.F.G. RHYOLITE ASH	ASH				20	10	50	Y	3.19%	3	Y	
66511	322490	383460	"	PR F.G. RTZ FELD RTZ RHYOLITE CHL'D	RHYOLITE				35	5	75	X	3.14%	1	0.04	
66512	323265	383005	ROCK	DR GRN F.G. TUFF PYSTR/VNS CHL'D	TUFF	P	C.M.S. 85/4/17	CHL'D BRECCIA	125%	15	135	2	14.69%	3	0.02	
66513	323420	383040	"	DR GRN F.G. RTZ LITHIC TUFF PYSTR/VNS CHL'D	TUFF	P	C.M.S. 85/4/17	CHL'D ANDESITE	1150	5	185	Y	8.99%	2	X	
66514	323215	383410	"	GRN/PR F.G. TUFF CHL'D	TUFF				50	15	95	Y	5.19%	1	X	
66515	323195	383385	"	DR PR F.G. RTZ TUFF MARG/VNS CHL'D	TUFF				10	10	70	X	2.76%	Y	0.01	
66516	323160	383325	"	RED/BLK F.G. RTZ LITHIC TUFF MARG/VNS REPAID	TUFF				10	20	25	Y	17.19%	1	X	
66517	323445	382960	"	GRY F.G. RTZ RHYOLITE	RHYOLITE				45	5	25	Y	1.66%	Y	Y	
66518	323400	382880	"	GRN F.G. LITHIC RTZ TUFF CHL'D MARG. PYL.	TUFF				1650	5	145	X	14.87%	1	Y	
66519	323400	382880	"	PR F.G. RTZ RHYOLITE	RHYOLITE				145	Y	35	Y	2.09%	6	X	
66520	323500	382820	"	GRY/GRN M-L.G. LITHIC TUFF	TUFF				95	10	40	Y	2.64%	1	X	
66521	323350	382880	"	GRY V.F.G. BANDED ASH	ASH				10	5	25	X	1.79%	2	Y	
66522	323320	382885	"	GRY V.F.G. FELD BANDED A.M. CHL'D LITHIC	ASH	P	C.M.S. 85/4/17	TUFFALOUS FELT	40	10	35	X	3.09%	Y	X	
66523	323195	582945	"	PR/GRN F.G. LITHIC RTZ TUFF	TUFF				205	5	55	Y	2.49%	1	X	

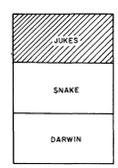
230786

Electrolytic Zinc Co. of A'asia Ltd. Rosebery, Tas.			ROCK SAMPLE LEDGER				PROJECT: JUKES - DARWIN		LOCALITY: FENNONS WEST															
							COLLECTED BY: P. GANNON		DATE: 10/2/85															
Sample Number	A.M.G.Co-ordinates		Sample Type	Geological Description	Rock-type (Macroscopic)	Thin or Polished Section			Metal Content (p.p.m. unless specified)															
	N	E				T or P	By	Reference	Rock-type (Microscopic)	Ca	Pb	Zn	As	Fe	Al	Au.								
FENNONS																								
66524	322 950	382 715	ROCK	GRY/GRN F.G. LITHCL TUFF CH'D B'D	TUFF						15	5	30	X	2.842	1	X							
66526	322 690	382 920	"	GRN F.M.G. QZ B'D OOLITE PYL	OOLITE						20	5	95	X	4.872	1	X							
66527	322 780	382 945	"	GRY/GRN F.G. FELD RTZ TUFF	TUFF						20	20	110	X	3.272	1	X							
66528	322 925	382 990	"	GRN F.G. ASH CH'D	ASH						25	30	55	X	2.473	Y	X							
66529	322 970	383 010	"	GRY/GRN F.G. RTZ LITHCL FELD TUFF CH'D	TUFF						125	20	365	Y	10.492	X	Y							
66530	323 135	383 145	"	PK/GRN F.G. FELD RTZ B'D B'D CH'D	RYHOLETE	P	C.M.S.	95/4/17	OBSIDIAN		135	15	60	X	3.045	X	0.01							
66531	322 935	383 310	"	WH/GRN F.G. ASH	ASH						55	45	70	X	2.242	X	X							
66532	322 695	383 250	"	PK F.G. FELD B'D RHYOLETE	RHYOLETE						15	5	40	X	1.475	X	X							
66533	322 645	383 200	"	GRN F.G. RTZ FELD B'D RHYOLETE CH'D	RHYOLETE						115	5	190	X	9.842	X	X							
LAKE JUKES																								
66534	328 110	383 845	ROCK	DRY GRN F.M.G. LITHCL TUFF CH'D CLEAVED	TUFF						115	520	580	1.5	4.662	11	0.02							
66535	328 110	383 845	"	GRN F.C.G. LITHCL TUFF CH'D PYL CLEAVED	TUFF						35	50	295	1.5	6.26	16	0.02							
66536	328 555	383 155	"	PK/GRY F.G. RTZ LITHCL TUFF SER'D CLEAVED	TUFF						145	20	180	0.5	2.24	4	X							
66537	328 410	383 020	"	PK/GRN F.G. RHYOLETE CH'D	RHYOLETE						4600	25	275	6.5	7.86	4	X							
66538	328 430	382 975	"	PK/GRY F.C.G. LITHCL TUFF SER'D CLEAVED	TUFF						30	30	100	0.5	6.76	7	X							
66539	328 315	383 090	"	GRN F.G. RTZ PORPHYRY	PORPHYRY						4900	25	245	3.5	7.21	3	1.98							
66540	328 315	383 090	"	GRY/WHY F.C.G. FELD LITHCL TUFF CH'D	TUFF						75	40	125	0.5	2.16	2	X							
66541	328 210	383 050	"	GRY/WHY F.G. RTZ TUFF SER'D CLEAVED	TUFF						3700	480	185	5.5	8.36	2	0.31							
66542	328 230	383 850	"	WHY/GRN F.M.G. RTZ FELD TUFF SER'D CLEAVED	TUFF						30	20	145	0.5	8.21	1	X							
66543	328 180	383 700	"	ORGN F.G. FELD TUFF CLEAVED	TUFF						10	25	65	0.5	2.06	3	X							
66544	328 065	383 655	"	WHY/GRN F.M.G. RTZ FELD TUFF CH'D CLEAVED	TUFF						20	40	140	0.5	1.86	2	X							
66545	328 120	383 235	"	PK/GRN F.G. RTZ PORPHYRY CLEAVED	RTZ PORPHYRY						10	35	105	1.0	1.76	2	X							
66546	328 200	383 115	FLOAT	WHY/GRN F.C.G. RTZ MALMETITE JEMMING	QUARTZ VEIN						715	20	180	1.5	3.51	2	0.05							
66547	328 245	383 030	ROCK	BLK/GRN F.G. RHYOLETE CH'D CLEAVED	RHYOLETE						265	15	560	1.0	6.51	6	0.01							
66548	328 345	382 980	"	GRN F.G. RTZ FELD LITHCL TUFF CH'D CLEAVED	TUFF						55	30	190	0.5	1.86	X	X							
66549	328 330	383 000	"	GRY/GRN F.G. BANDED ASH CLEAVED	ASH						15	15	165	0.5	2.11	X	X							
66550	328 320	383 065	"	GRN F.C.G. LITHCL FELD TUFF CH'D CLEAVED	TUFF						335	20	150	0.5	3.06	2	X							
66551	328 070	383 105	"	GRN F.M.G. FELD RTZ LITHCL TUFF SER'D	TUFF						25	30	220	0.5	2.26	2	X							
66552	328 160	383 200	"	GRY/WHY F.M.G. RTZ PORPHYRY CH'D	RTZ PORPHYRY						15	30	105	0.5	1.71	2	X							
66553	328 240	383 325	"	GRY/WHY F.M.G. RTZ PORPH CH'D	RTZ PORPHYRY						10	100	170	2.5	1.76	1	X							

LAKE JUKES
31



E.L. 6/85



5 cm

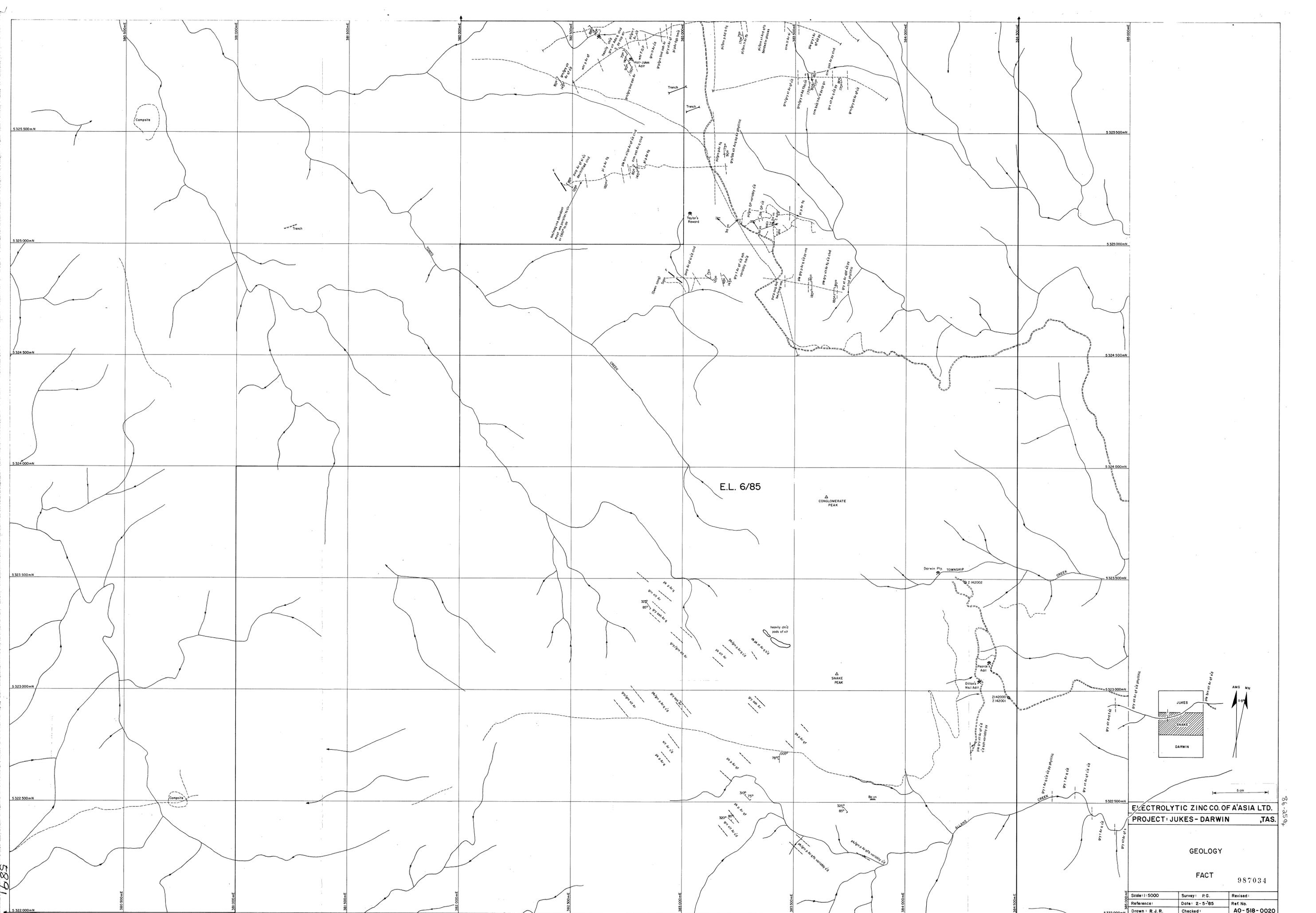
ELECTROLYTIC ZINC CO. OF ASIA LTD.
PROJECT: JUKES - DARWIN, TAS.

GEOLOGY

FACT 987033

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 2-5-'85	Ref. No.
Drawn: R.J.R.	Checked:	AO-518-0019

5890

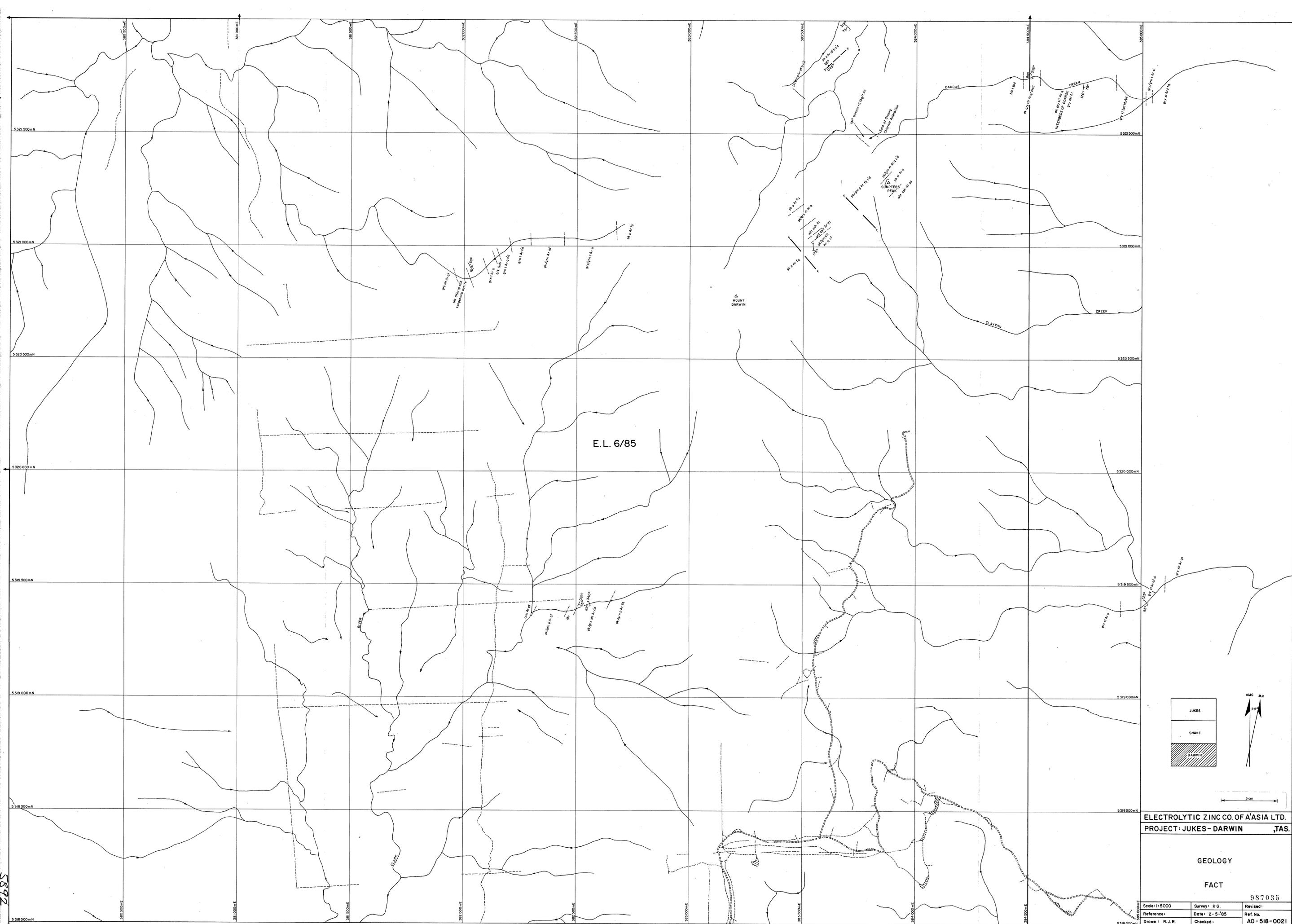


1685

ELECTROLYTIC ZINC CO. OF ASIA LTD.
 PROJECT: JUKES - DARWIN, TAS.

GEOLOGY
 FACT 987034

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 2-5-85	Ref. No.
Drawn: R.J.R.	Checked:	AO-518-0020



E.L. 6/85

MOUNT DARWIN

JUKES
SNAKE
DARWIN



5 cm

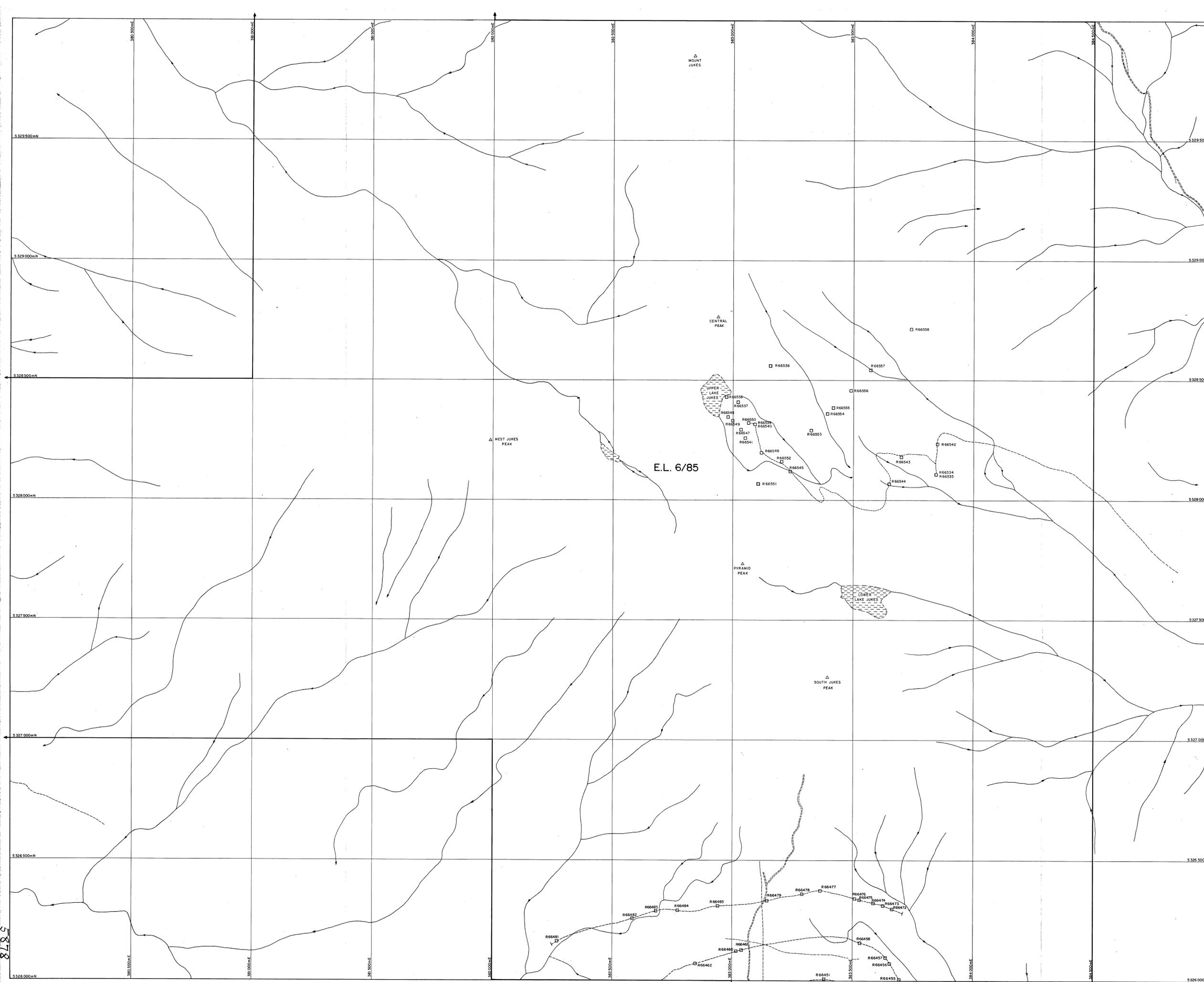
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PROJECT: JUKES-DARWIN, TAS.

GEOLOGY
FACT

987035

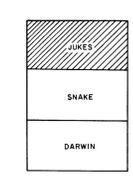
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11652-32



E.L. 6/85

- R66473 - Rock Chip Sample.
- S48973 - Stream Sediment Sample.



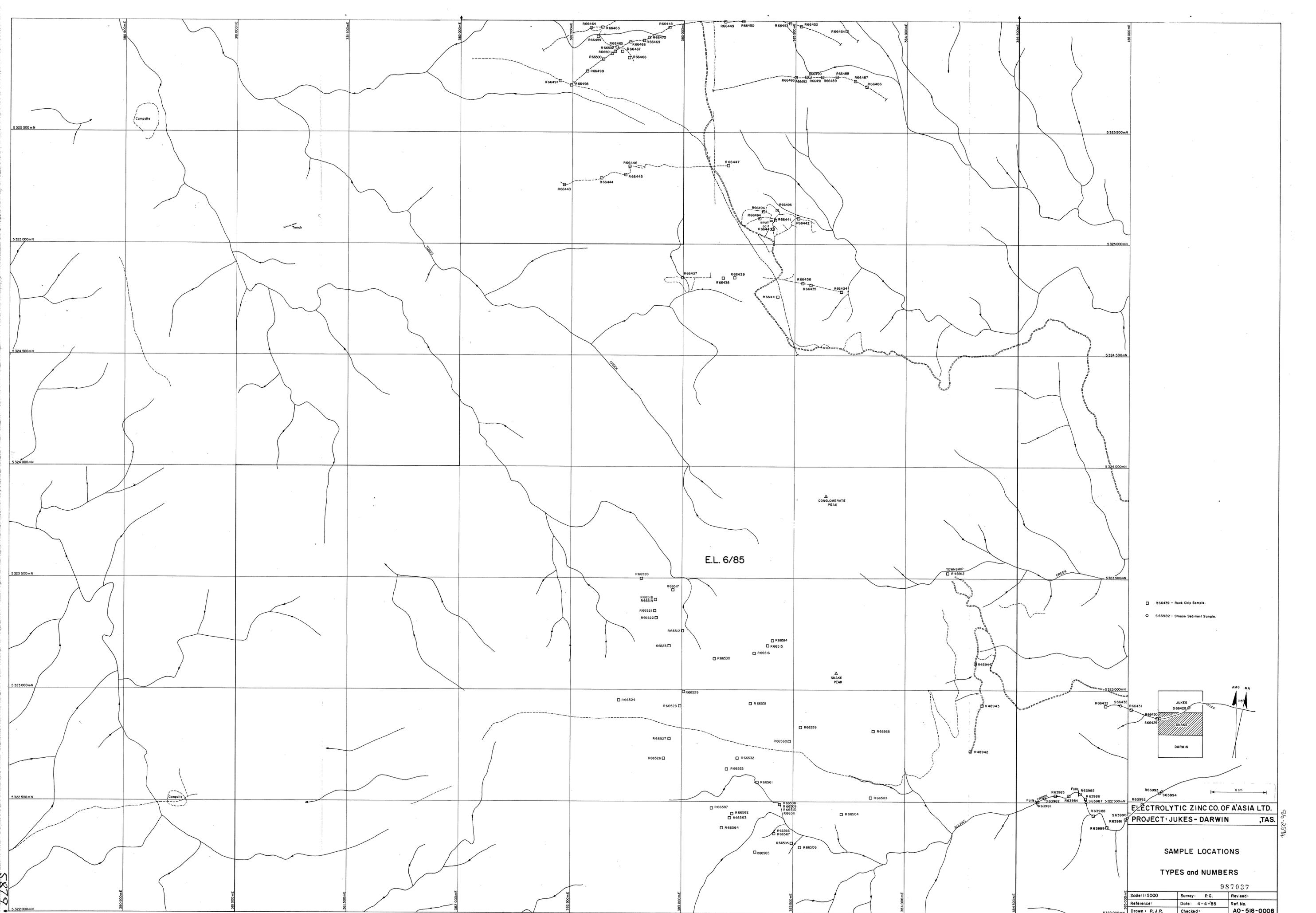
ELECTROLYTIC ZINC CO. OF AUSTRALIA LTD.
PROJECT: JUKES-DARWIN, T.A.S.

SAMPLE LOCATIONS
TYPES and NUMBERS

987036

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 4-4-85	Ref No:
Drawn: R.J.R.	Checked:	AO-518-0007

5878



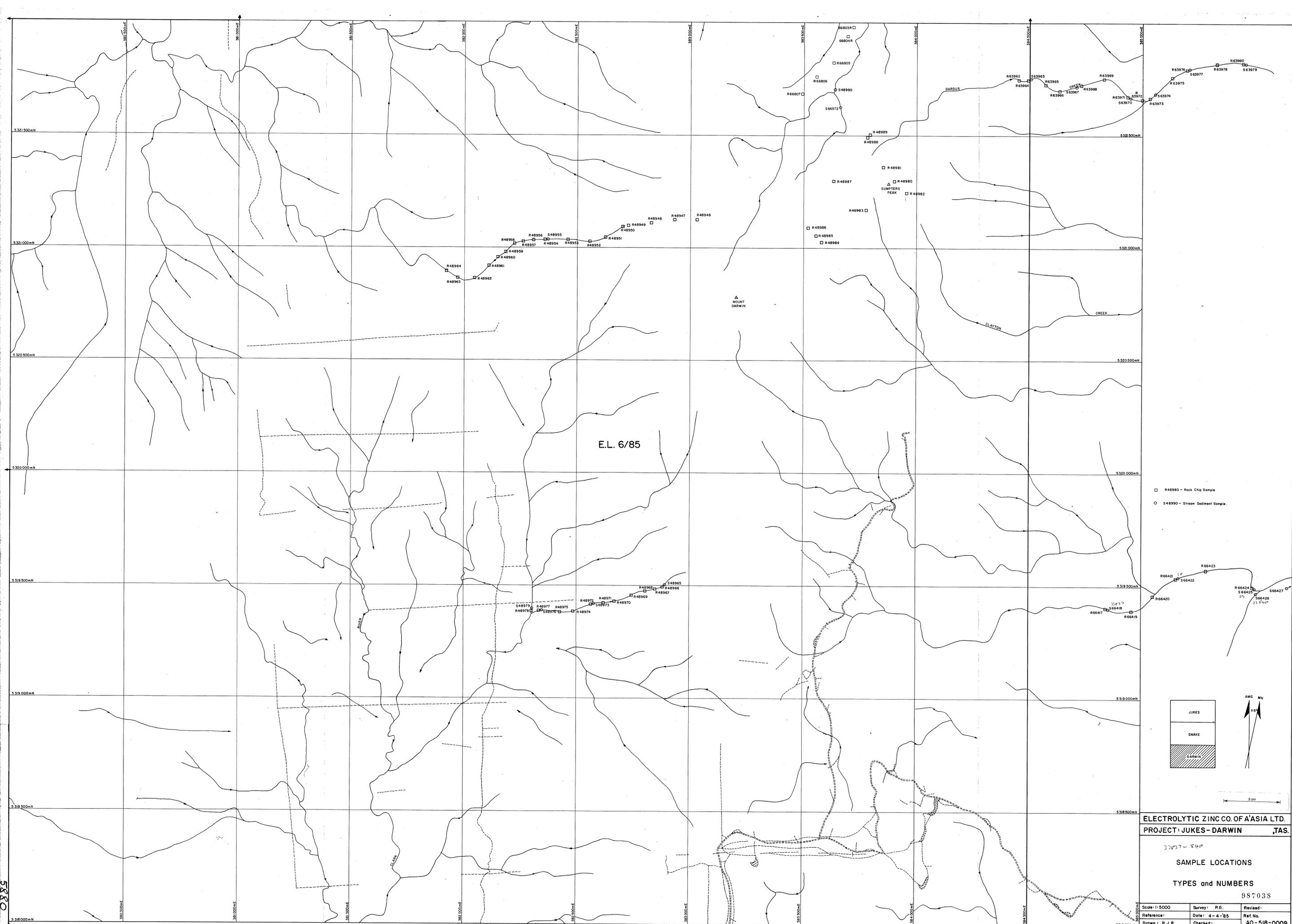
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PROJECT: JUKES - DARWIN, T.A.S.

SAMPLE LOCATIONS
TYPES and NUMBERS
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Reference:	Date: 4-4-85	Ref. No.
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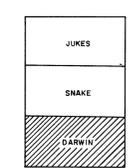
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4152-915



E.L. 6/85

- R48980 - Rock Chip Sample
- S48990 - Stream Sediment Sample

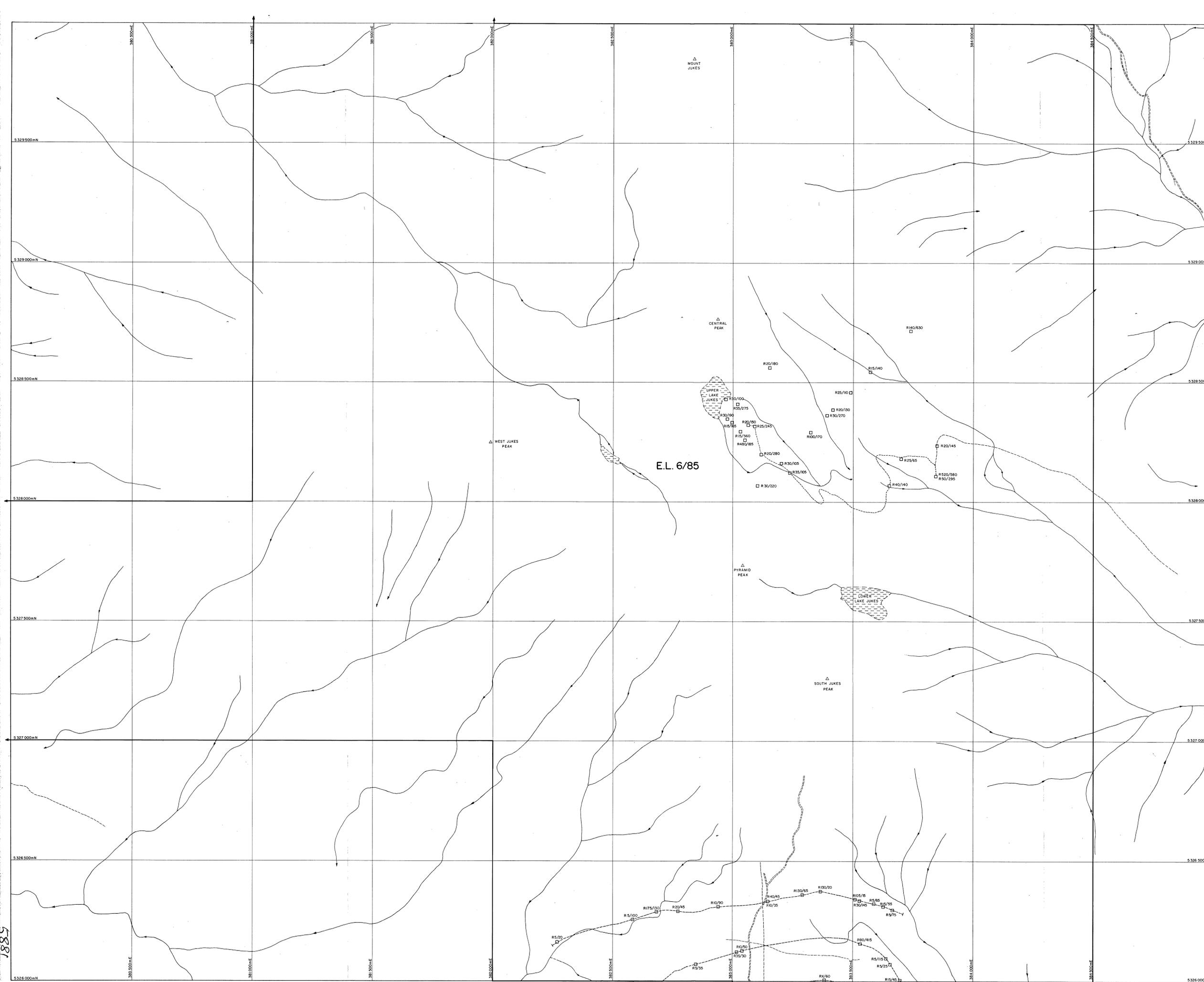


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PROJECT: JUKES - DARWIN, TAS.

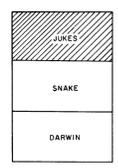
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SAMPLE LOCATIONS
TYPES and NUMBERS
 98703S

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 4-4-85	Ref. No.
Drawn: R.J.R.	Checked:	AO-518-0009



□ R 20 - Rock Chip Sample.
 ○ S 50 - Stream Sediment Sample.
 N.B. - All results are ppm.
 Pb Zn
 R 20/R 30



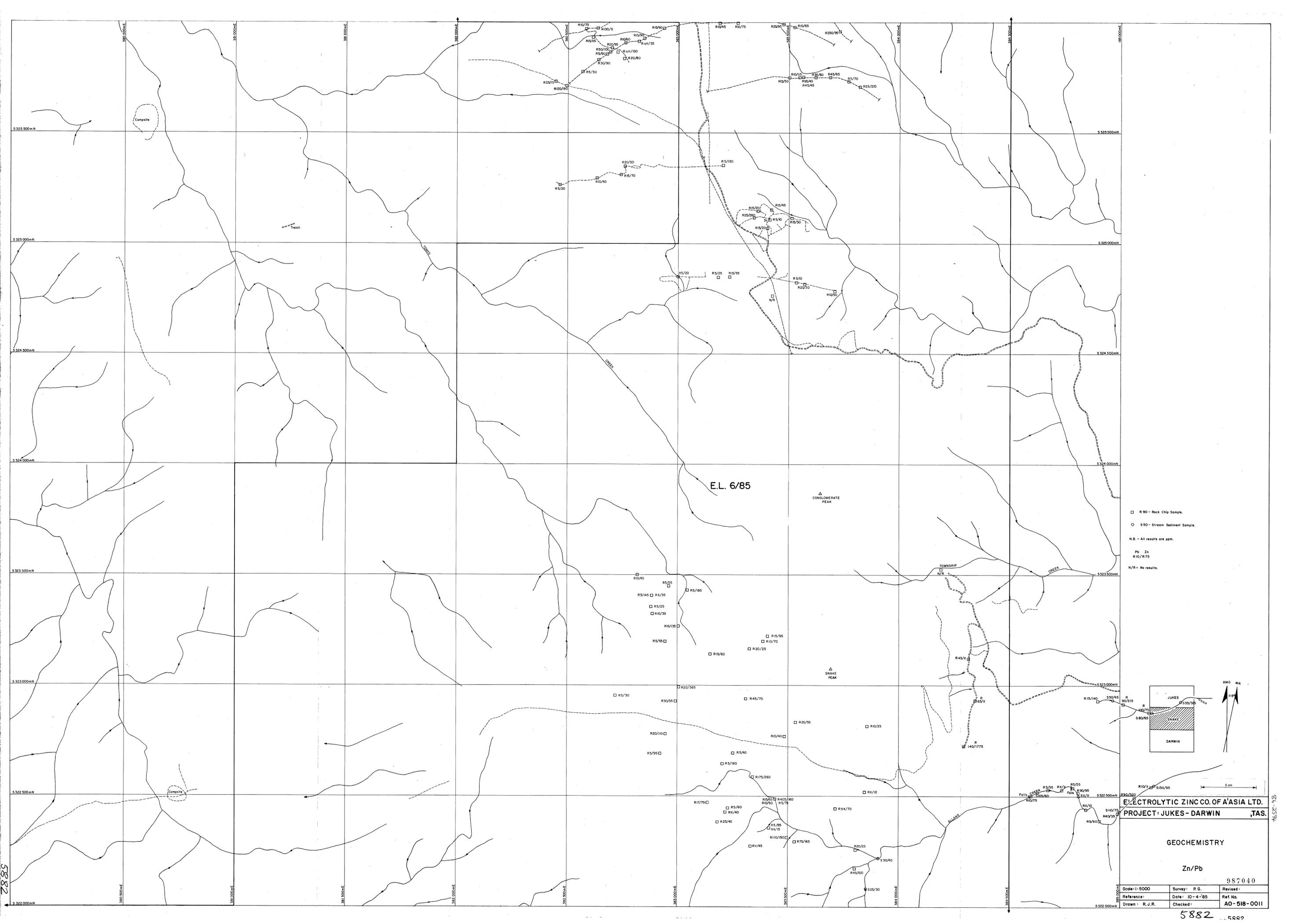
ELECTROLYTIC ZINC CO. OF A'ASIA LTD.
 PROJECT: JUKES - DARWIN ,TAS.

GEOCHEMISTRY

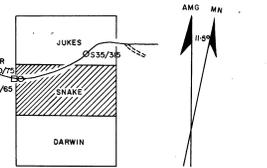
Zn/Pb

987039

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 10-4-85	Ref No:
Drawn: R. J. R.	Checked:	AO-518-0010



□ R 90 - Rock Chip Sample.
 ○ S50 - Stream Sediment Sample.
 N.B. - All results are ppm.
 Pb Zn
 R10/R75
 N/R = No results.



ELECTROLYTIC ZINCO OF ASIA LTD.
PROJECT: JUKES - DARWIN, T.A.S.

GEOCHEMISTRY

Zn/Pb

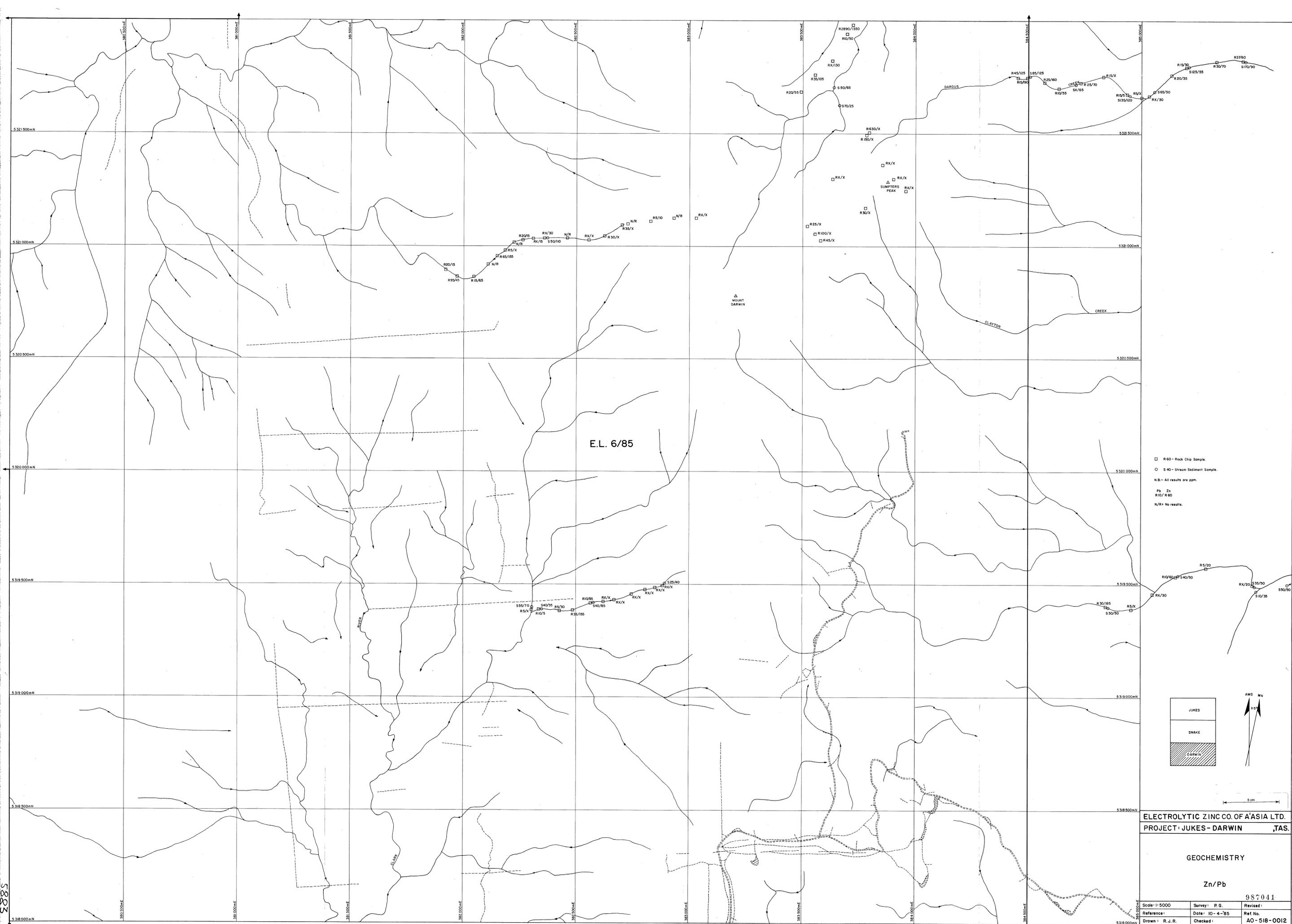
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Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 10-4-85	Ref. No.
Drawn: R.J.R.	Checked:	AO-518-0011

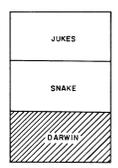
5882

71528-9.25

5882



□ R 60 - Rock Chip Sample.
 ○ S 40 - Stream Sediment Sample.
 N.B. - All results are ppm.
 Pb Zn
 R10/ R 60
 N/R - No results.



5 cm

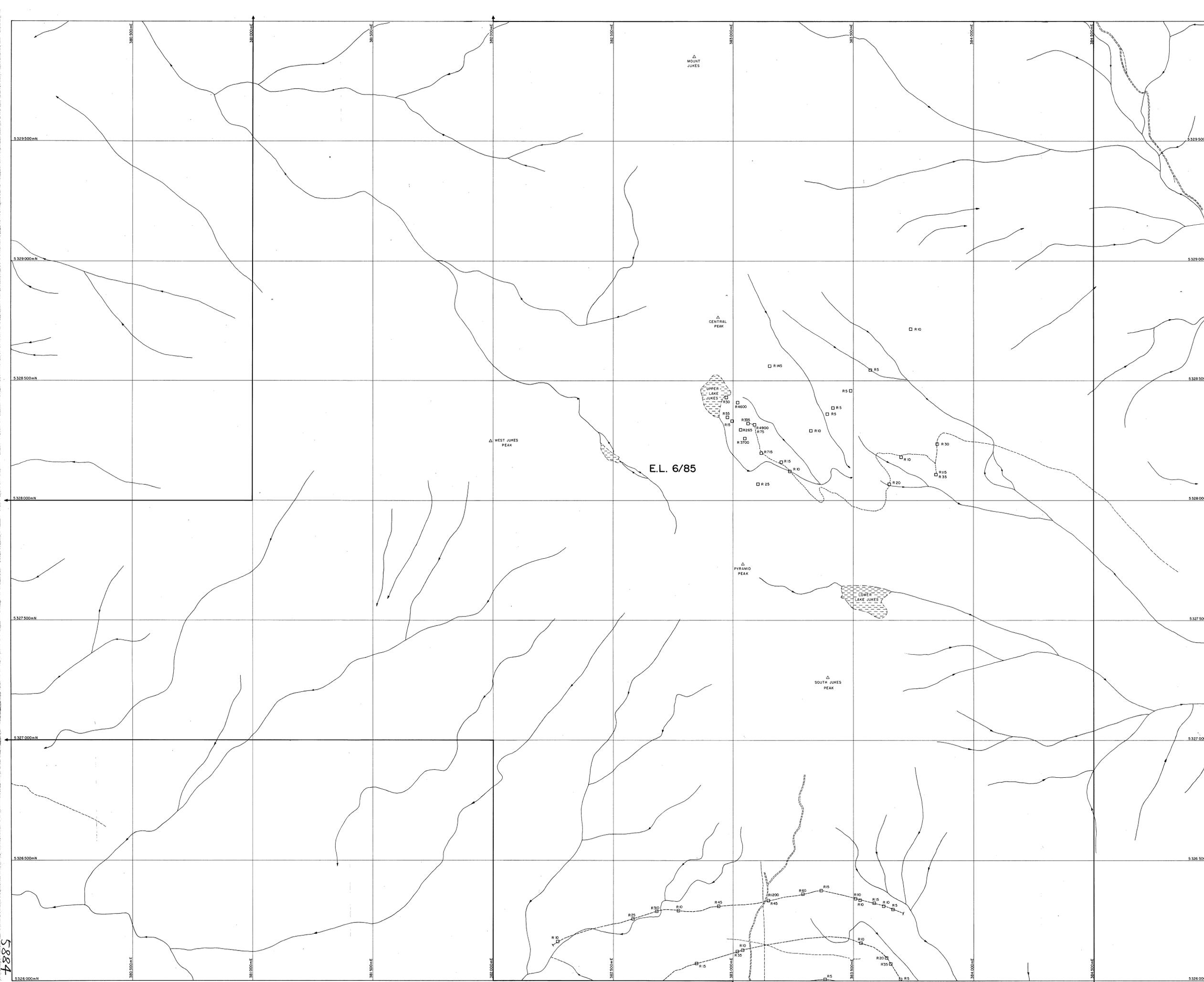
ELECTROLYTIC ZINC CO. OF ASIA LTD.
 PROJECT: JUKES - DARWIN, T.A.S.

GEOCHEMISTRY

Zn/Pb

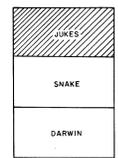
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Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 10-4-'85	Ref No:
Drawn: R.J.R.	Checked:	AO-518-0012



E.L. 6/85

- R 20 - Rock Chip Sample.
 - S 50 - Stream Sediment Sample.
- N.B. - All results are ppm.



ELECTROLYTIC ZINC CO. OF ASIA LTD.
PROJECT: JUKES - DARWIN, TAS.

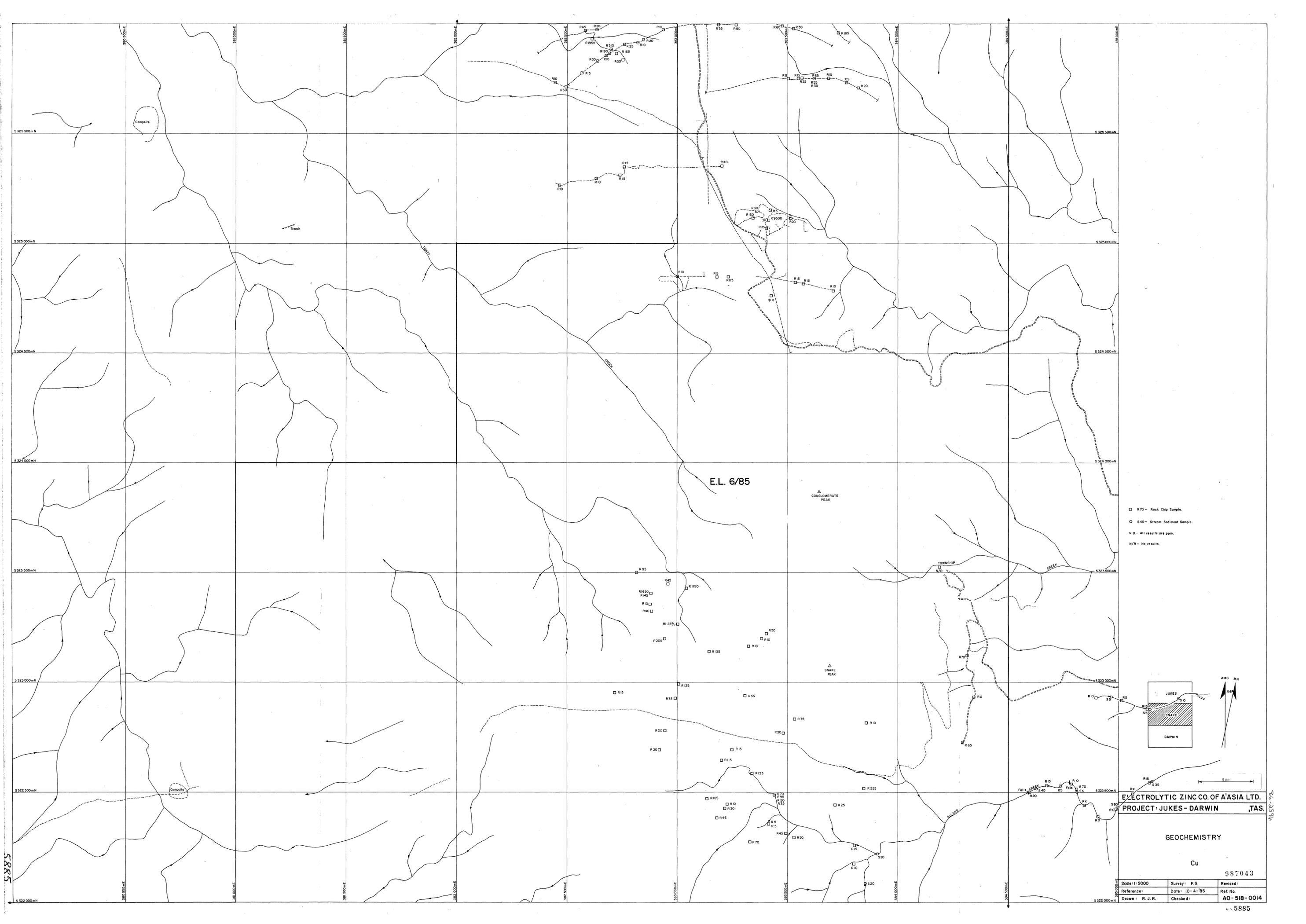
GEOCHEMISTRY

Cu
987042

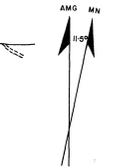
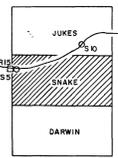
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Reference:	Date: 10-4-85	Ref No.
Drawn: R. J.R.	Checked:	AO-518-0013

4652-92

5884



□ R70 - Rock Chip Sample.
 ○ S40 - Stream Sediment Sample.
 N.B. - All results are ppm.
 N/R = No results.



5cm

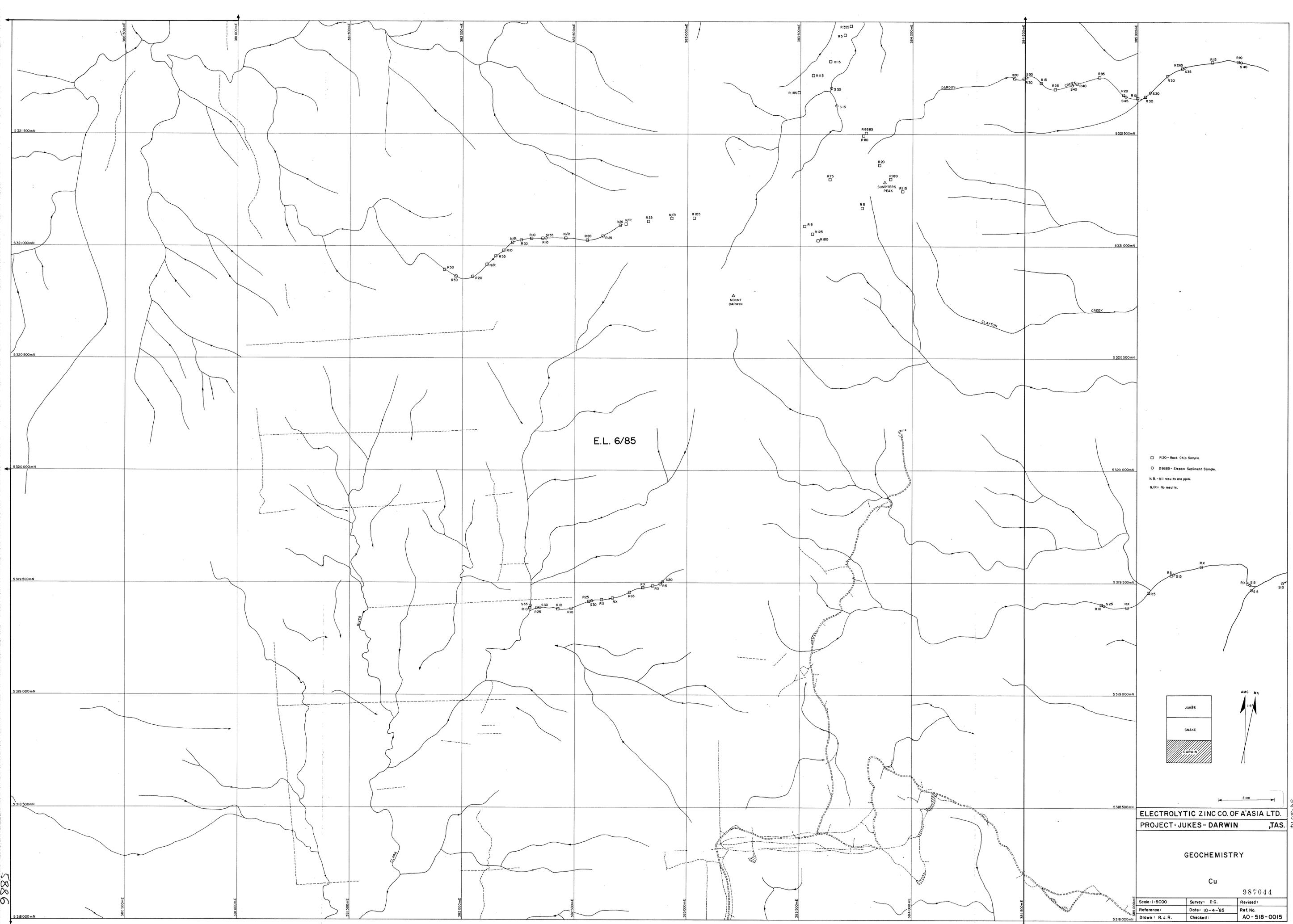
ELECTROLYTIC ZINC CO. OF ASIA LTD.
 PROJECT: JUKES - DARWIN, T.A.S.

GEOCHEMISTRY

Cu

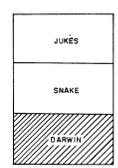
987043

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 10-4-85	Ref. No.
Drawn: R. J. R.	Checked:	AO-518-0014



E.L. 6/85

□ R20 - Rock Chip Sample.
 ○ S9685 - Stream Sediment Sample.
 N.B. - All results are ppm.
 N/R - No results.



5 cm

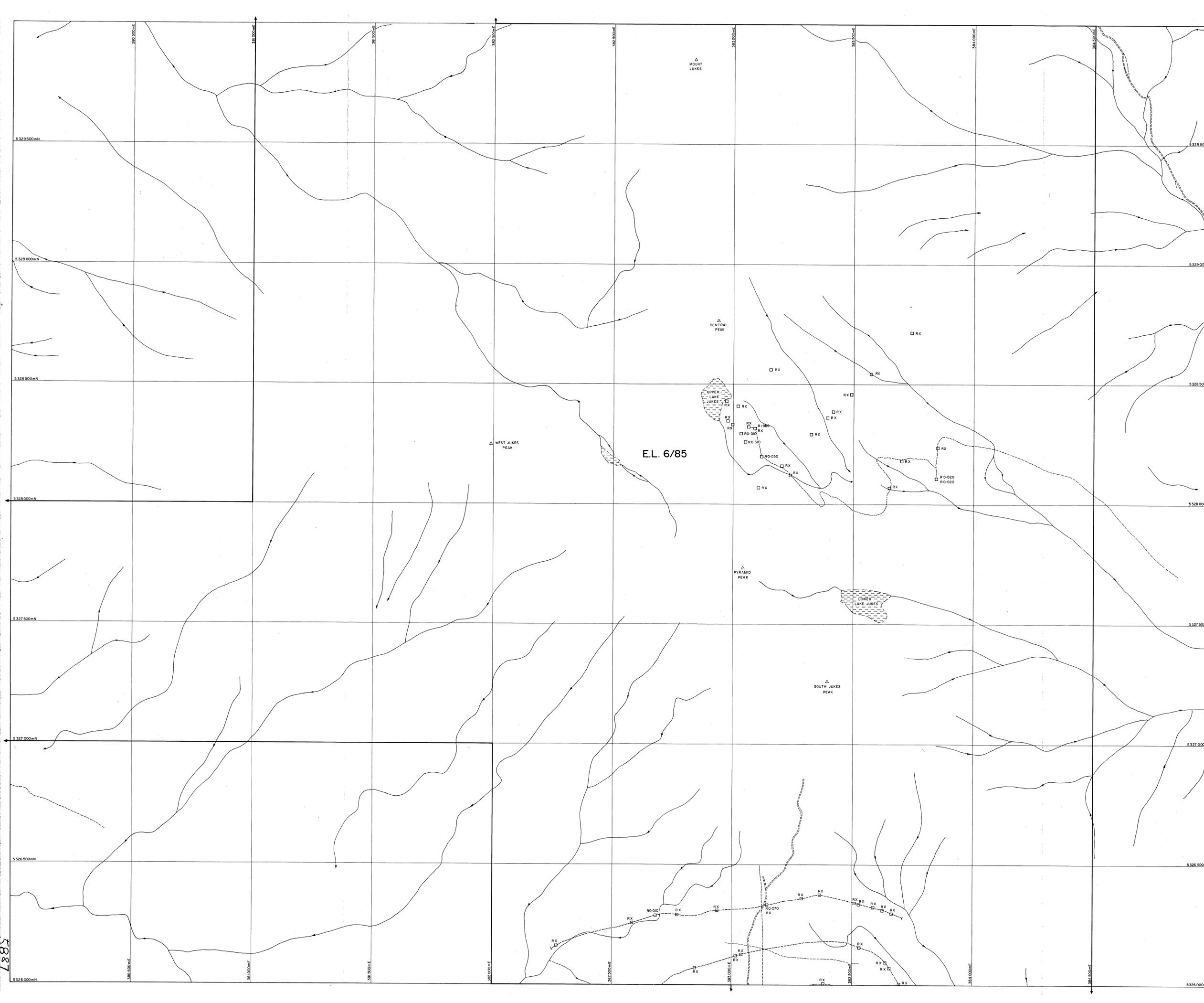
ELECTROLYTIC ZINC CO. OF A'ASIA LTD.
 PROJECT: JUKES - DARWIN TAS.

GEOCHEMISTRY

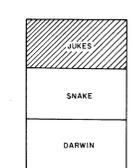
Cu

987044

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 10-4-85	Ref No.
Drawn: R.J.R.	Checked:	AO-518-0015



□ R20 - Rock Chip Sample
 ○ S50 - Stream Sediment Sample
 N.B. - All results are ppm.



5 cm

ELECTROLYTIC ZINC CO. OF A'ASIA LTD.
 PROJECT: JUKES - DARWIN ,TAS.

GEOCHEMISTRY

Au

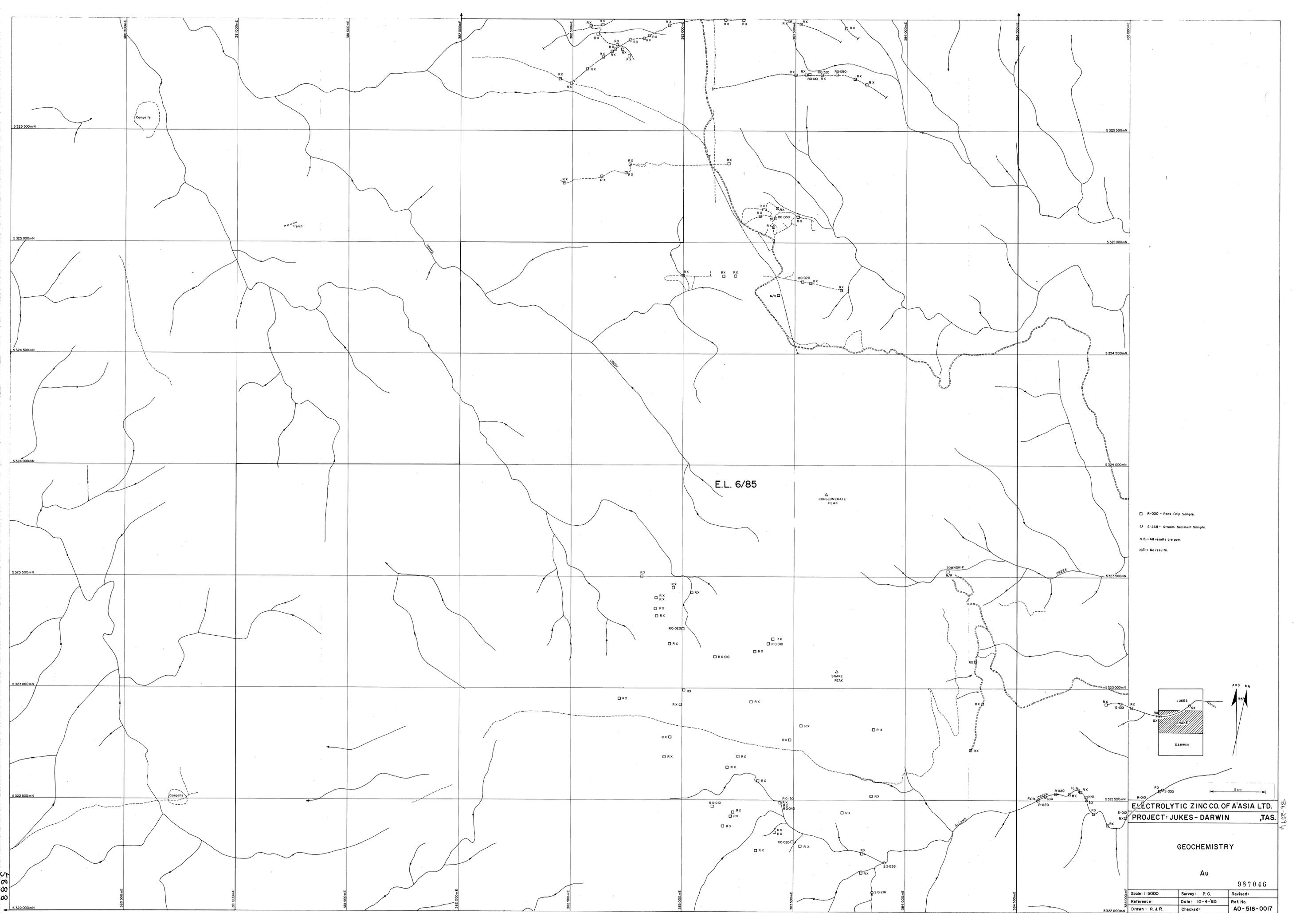
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Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 10-4-85	Ref. No.
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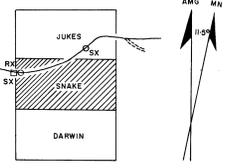
5827

7656-93

5827



□ R-020 - Rock Chip Sample.
 ○ S-268 - Stream Sediment Sample.
 N.B. - All results are ppm
 N/R - No results.



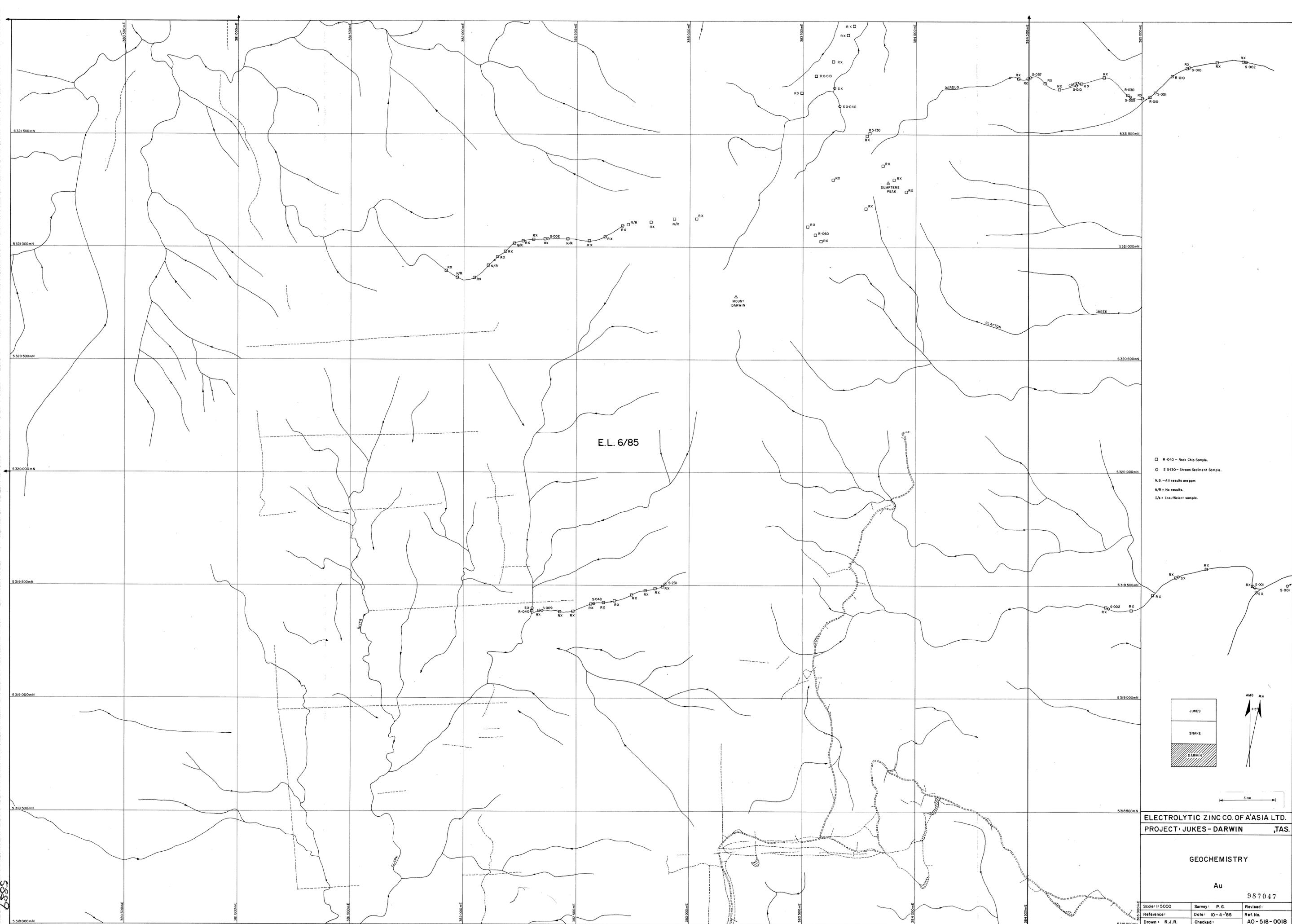
ELECTROLYTIC ZINC CO. OF ASIA LTD.
 PROJECT: JUKES - DARWIN, TAS.

GEOCHEMISTRY

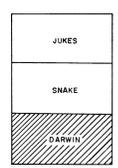
Au

987046

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 10-4-'85	Ref No.
Drawn: R.J.R.	Checked:	AO-518-0017



□ R 040 - Rock Chip Sample.
 ○ S 5130 - Stream Sediment Sample.
 N.B. - All results are ppm
 N/R - No results.
 I/x - Insufficient sample.



ELECTROLYTIC ZINC CO. OF A'ASIA LTD.
 PROJECT: JUKES - DARWIN ,TAS.

GEOCHEMISTRY

Au

987047

Scale: 1:5000	Survey: P.G.	Revised:
Reference:	Date: 10-4-'85	Ref. No.
Drawn: R.J.R.	Checked:	AO-518-0018