MICROFILMED
FICHE No. 013296
EN FIL

94-3619

A list of transparencies of plans from portions of EL 4/61 and EL 22/85 relinquished by EZ Co of Australasia, Geopeko and Savage Resources near Savage River.

Arthur Lineament	Topographic Base (x2)	1:50 000
" "	Streams & Access, Sheets 1-8	1:10 000
" "	Interp Geology (x2)	1:50 000
" "	Aeromag Contours (x2)	1:50 000
" "	Cut Gridlines, Sheets 7 & 8	1:50 000
" "	Locality Plan (x3)	1:100 000
" "	Work Completed to 30 November 1986	1:100 000
" "	Sample Location (Savage Resources)	1:50 000
" "	Known Mineral Occurrences	1:50 000
" "	Geochem (Savage Resources) Cu	1:50 000
" "	Geochem (Savage Resources) As	1:50 000
" "	Geochem (Savage Resources) Au	1:50 000
" "	Sample Locations, Sheets 7 & 8	1:10 000
" "	Fact Geology, Sheets 7 & 8	1:10 000
" "	Sample Locations	1:40 000
" "	Geochem Highlights, Zn	1:40 000
" "	" ", Cu	1:40 000
" "	" ", Pb	1:40 000
" "	" ", Au	1:40 000
" "	Geochem, Sheets 7 & 8, Pb	1:10 000
" "	" " ", Cu	1:10 000
" "	" " ", Zn	1:10 000
" "	" " ", Au	1:10 000
" "	Ground Magnetics	1:10 000
Batty's Bend	Location Plan	1:100 000
" "	Grid Plan (x2)	1:5 000
" "	Geology	1:2 500
" "	Access	1:5 000
" "	Structural Data	? ? ?
" "	Rock Sample Locations	1:5 000
" "	Depth to Bedrock	1:5 000
" "	Geochem (Wacker) Pb	1:5 000
" "	" " Cu	1:5 000
" "	" " Zn	1:5 000
" "	" " Mn	1:5 000

Batty's Bend	Soil Geochem, Pb	1:5 000
" "	" ", Zn	1:5 000
" "	" ", Mn	1:5 000
" "	" ", Cu	1:5 000

TCR 94-3619
EL 4/61, 22/85
EZ Co., Geopeko, Savage Resources
Savage River, Arthur Lineament, Battys Bend

Trimline AO for reports

340 000m.E
350 000m.E
360 000m.E
5 420 000m.N
5 410 000m.N
5 400 000m.N
5 390 000m.N
5 380 000m.N
5 370 000m.N

Pyramid Hill
Bronzite Hill
Basalt Hill
Mt. Cleveland
Mt. Bell
Mt. Stewart
Mt. Meredith
Mt. Livingstone
Parsons Hood
Mt Lindsay
Blackguards Hill
Gabbro Hill
Brassey Hill
Duffs Hill
Heazlewood Hill
Jasper Hill
Pursell's Plain
Burgess Hill
Caudry's Hill
Western Hills
The Longback

SAVAGE RIVER
CORINNA
REECE DAM

Mine Settling Pond
Open Cut Mine
Savage River Mine
Mine Workings
Obsidian

Road
Pieman River
Corinna
Plains
Ridge
Creek
River

TOPOGRAPHIC LEGEND

- Pieman Road — Highways and Roads.
- Vehicle Tracks.
- Walking Track or Grid Line.
- Batts Creek — Rivers or Creeks.
- 400 — Contour Line – at 200m Intervals.
- Helicopter Landing Site.
- Operating Mine.
- H.E.C. – Lake Pieman.
- Trig. Point.

E&Z

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: ARTHUR LINEAMENT

Compiled: I.Mc D.	Date:	Scale: 1:50,000	
A.M.G:	Latitude:	Longitude:	
Drawn: R.J.R.	File No:	PLAN NO:	

SCALE
0 1 2 3 4 5 Km.

1:250000 SHEET

5cm

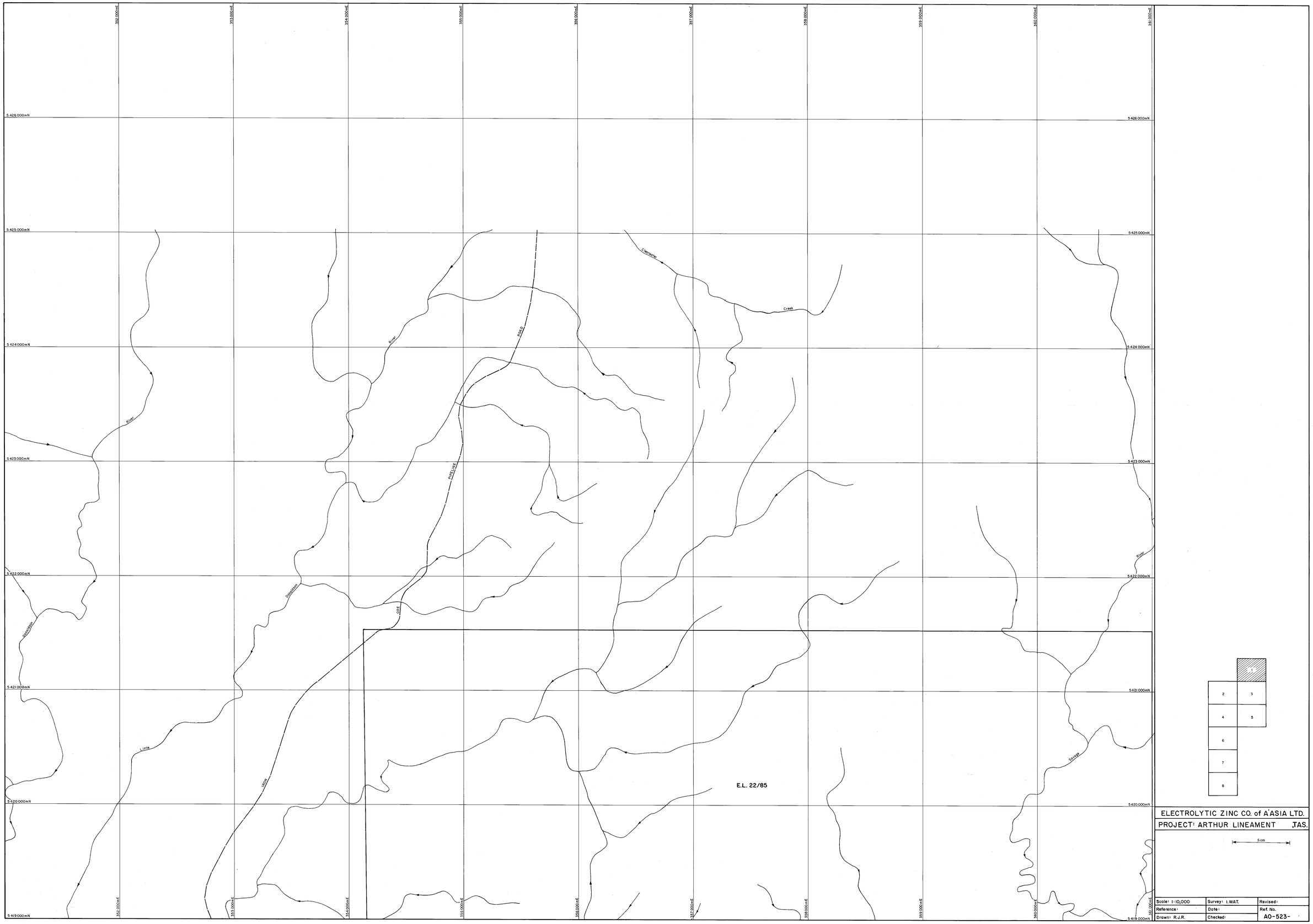
TCR 94-3619
EL 4/61, 22/85
EZ Co., Geopeko, Savage Resources
Savage River, Arthur Lineament, Battys Bend

Trimline AO for reports

340 000m.E. 350 000m.E. 360 000m.E.

5 420 000m.N. 5 410 000m.N. 5 400 000m.N. 5 390 000m.N. 5 380 000m.N. 5 370 000m.N.

Pyramid Hill
Bronzite Hill
Mt Cleveland
Mt. Bell
Mt. Meredith
Mt. Livingstone
Mt. Lindsay
Parsons Hood
Webstertite Hill
Western Hills
Blackguards Hill
Caudry's Hill
Pursell's Plain
Duffs Hill
Heazlewood Hill
Jasper Hill
Gabbro Hill
Brassey Hill
Bosolt Hill
Burgess Hill
The Longback
Mt Stewart
West Plain
Open Cut Mine
Savage River Mine
Mine Workings
Mine Settling Pond
Obsidian
SAVAGE RIVER
CORINNA
REECE DAM
Heemskirk Falls
Corinna Road
Pieman Road
Arthur Pipeline Road
Savage River
Pieman River
Arthur River
Boulder Rivulet
Horton River
Little Savage River
Big Duffer Creek
Whyte River
Franklin River
Loddon River
Dundas Creek
Linda Creek
Specimen Creek
McPhee Creek
Hall Creek
Jukes Creek
Bronzite Creek
Friday Creek
Heazlewood Creek
Rowe Creek
Mackie Creek
Bag-o-Bricks Creek
Burgess Creek
Richmond Creek
Thirteen Mile Creek
Mile Creek
Habitat Creek
Raspberry Creek
Bell Creek
Lewis Creek
Jukes Creek
Kelly Creek
Mackintosh Creek
Gordon Creek
Gabbro Creek
Bassey Creek
Jasper Creek
Hall Creek
Jimmy Creek
Guilford Creek
Broderick Creek
Burns Spur
Attwards Creek
Hazlewood Plains
Long Ridge
Contact Creek
Lagoon Creek
Castles Creek
Shields Creek
Rocky Creek
Hermes Creek
Sheila Creek
Yellow Creek
Bond Creek
Pine Creek
Kanaga Creek
Burns Creek
Office Creek
Mt. Meredith
Brocken Creek
Eight Mile Creek
Timbs Creek
Club Edge Creek
Tasmania Creek
Brown Plains
Guthrie Creek
Ridge Creek
Middleton Creek
Fitzgerald Creek
Southern Creek
Little Hughes Creek
Ahrberg Hill
Whyte Creek
Franchman Creek
Piemon Creek
Nancy Creek
Lefroy Ridge
Hades Ridge
Lucy Creek
Paradise River
Paradise Creek
Trinity Creek
Owen Creek
Meredith River
Wanderer Ridge
Hamilton Creek
Stringer Creek
Northside Ridge
Wanderer Creek
Wertonk Creek
Trial Creek
Rocky Creek
Hood Creek
Webster Creek
Shields Creek
Castles Creek
Lagoon River
Burns Creek
Nunn Creek
Mile Creek
Office Creek
Yellow Creek
Bond Creek
Pine Creek
Kanaga Creek
White River
Black River
Wilson River
Smelter Creek
Stanley River
Hermes



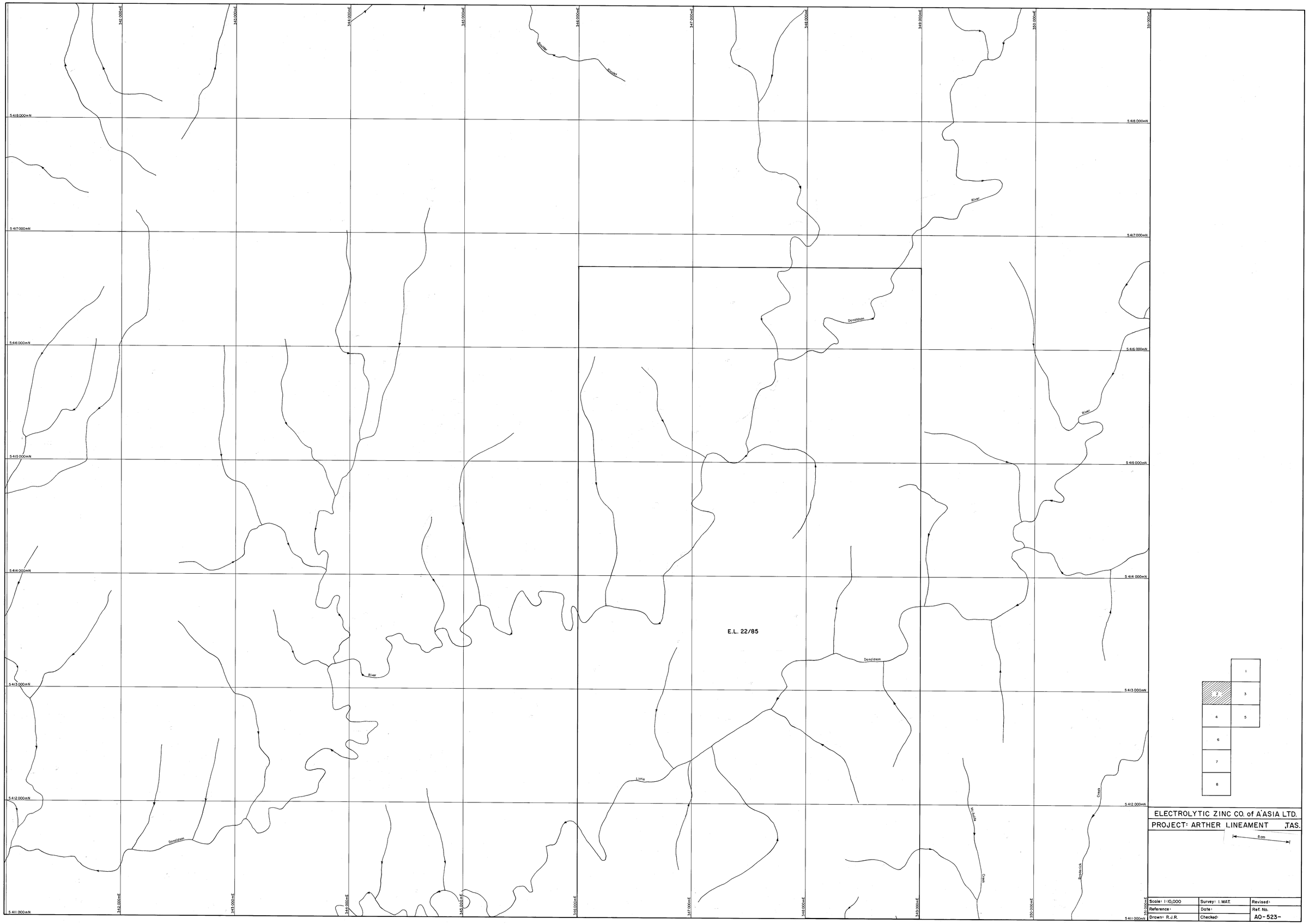
ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

5 cm

Scale: 1:10,000	Survey: I.MAT.	Revised:
Reference:	Date:	Ref. No.
Drawn: R.J.R.	Checked:	AO-523-

TCR 94-3619
EL 4/61, 22/85
EZ Co., Geopeko, Savage Resources
Savage River, Arthur Lineament, Buttys Bend



ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHER LINEAMENT ,TAS.

5 cm

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date:	Ref. No.
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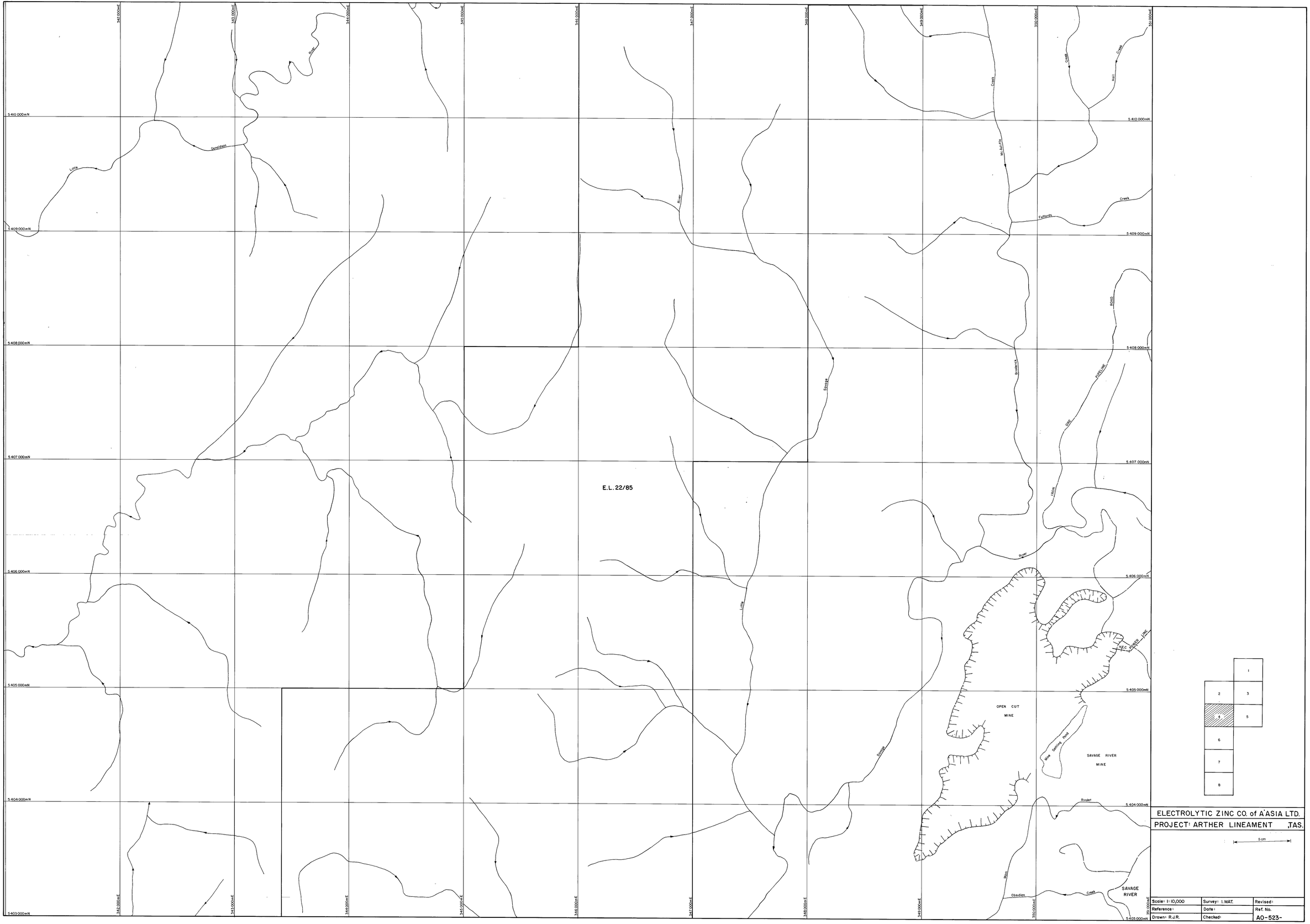
TCR 94-3619
EL 4/61, 22/85
EZ Co., Geopeko, Savage Resources
Savage River, Arthur Lineament, Battys Bend

E.L. 22/85

5418 000mN
5417 000mN
5416 000mN
5415 000mN
5414 000mN
5413 000mN
5412 000mN
5411 000mN

352 000mE
353 000mE
354 000mE
355 000mE
356 000mE
357 000mE
358 000mE
359 000mE
360 000mE
361 000mE

Creek
River
Road
Creek
Creek
Creek

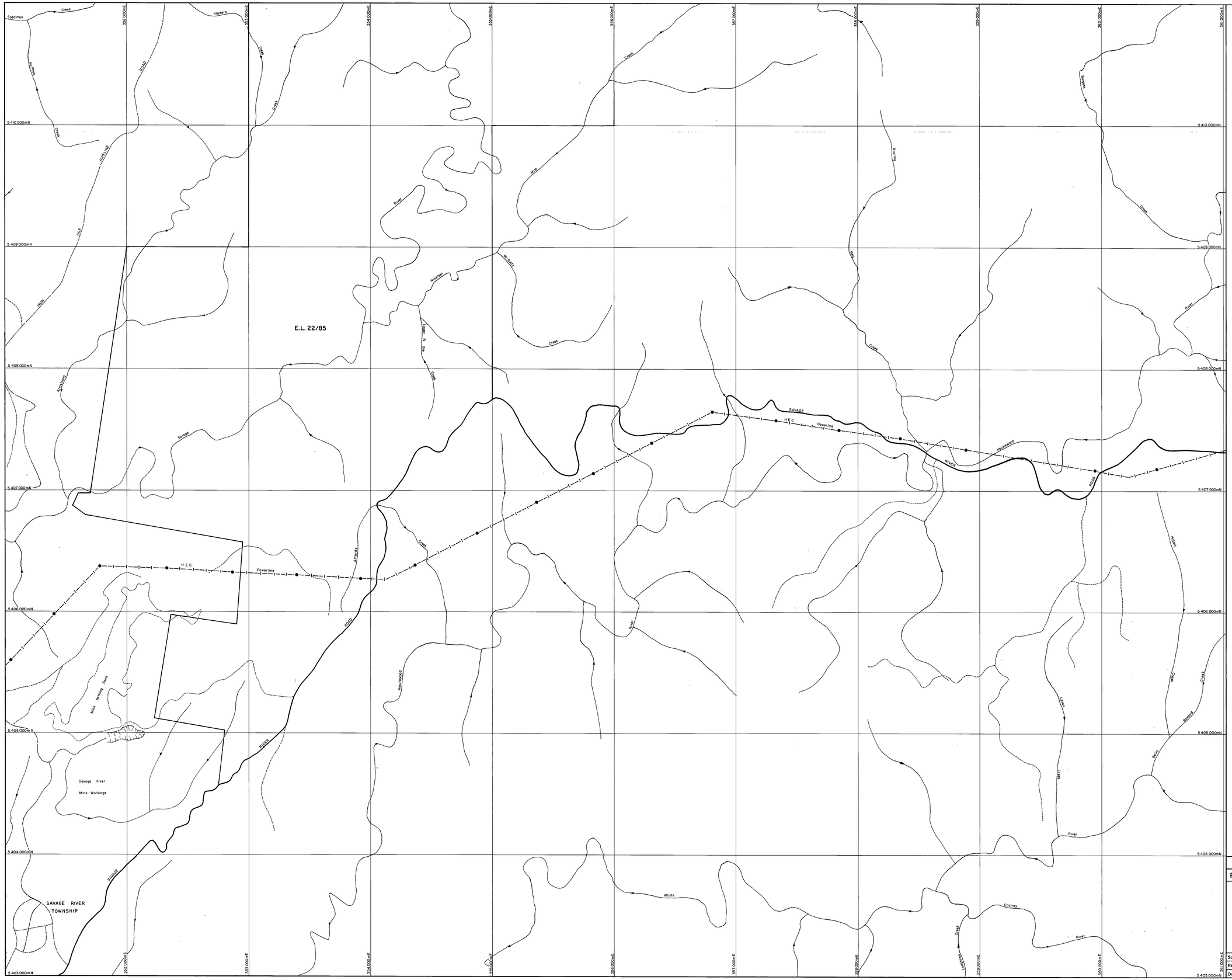


ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHER LINEAMENT ,TAS.

Scale: 1:10,000	Survey: I.MAT.	Revised:
Reference:	Date:	Ref. No.
Drawn: R.J.R.	Checked:	AO-523-

TCR 94-3619
EL 4/81, 22/85
EZ Co., Geopeko, Savage Resources
Savage River, Arthur Lineament, Battys Bend



1	
2	3
4	5
6	
7	
8	

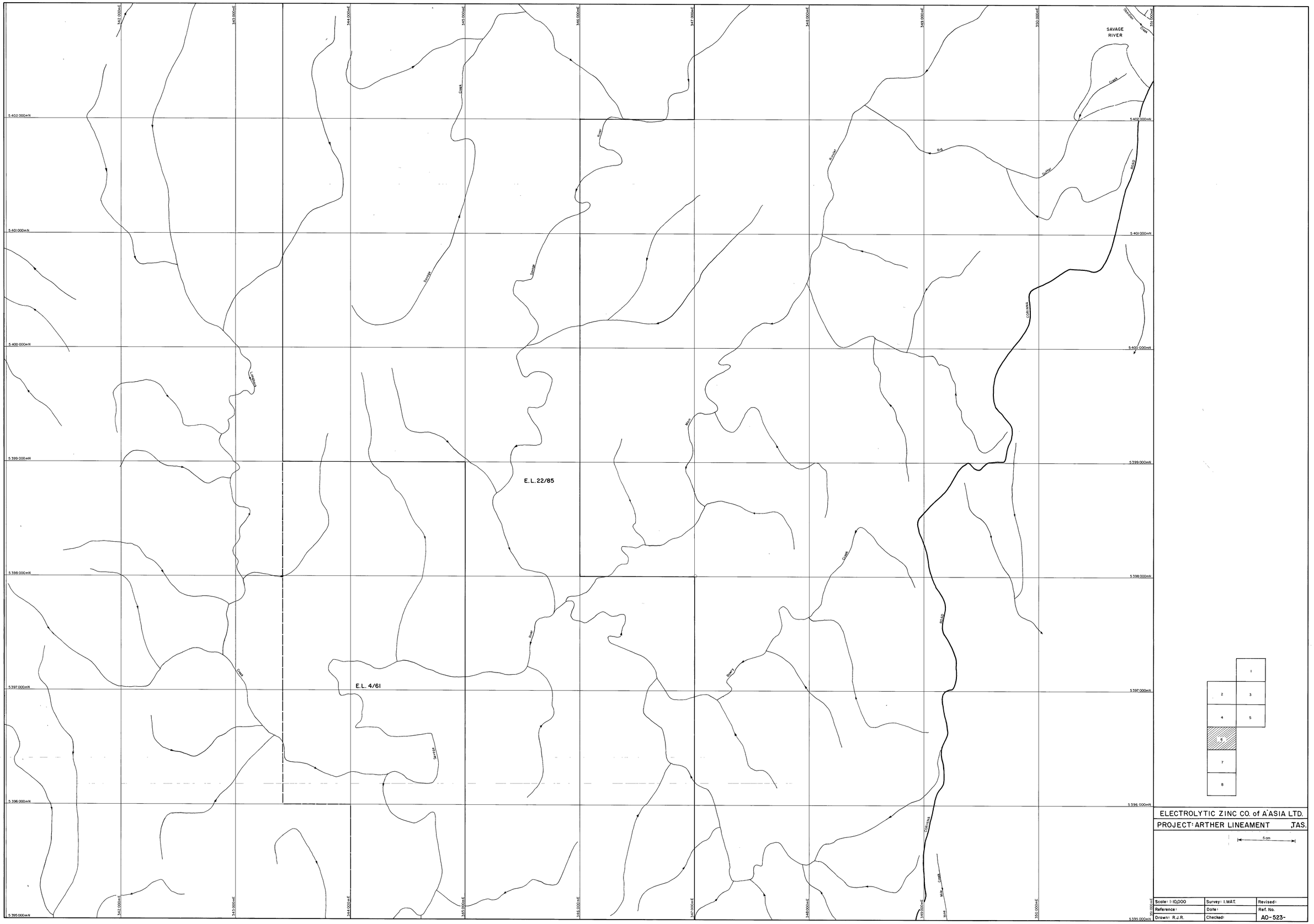
ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHER LINEAMENT ,TAS.

5 cm

Scale: 1:10,000	Survey: I.MAT.	Revised:
Reference:	Date:	Ref. No.
Drawn: R.J.R.	Checked:	AO-523-

TCR 94-3619
EL 4/61, 22/85
EZ Co., Geopeko, Savage Resources
Savage River, Arthur Lineament, Battys Bend



ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHER LINEAMENT ,TAS.

Scale: 1:10,000	Survey: I.MAT.	Revised:
Reference:	Date:	Ref. No.
Drawn: R.J.R.	Checked:	AO-523-

TCR 94-3619
EL 4/61, 22/85
E.Z. CO. GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

10

E.L. 22/85

E.L. 4/61

E.L. 22/85

Cut Line 390 N

Cut Line 389 N

Cut Line 388 N

Cut Line 387 N

Cut Line

Road

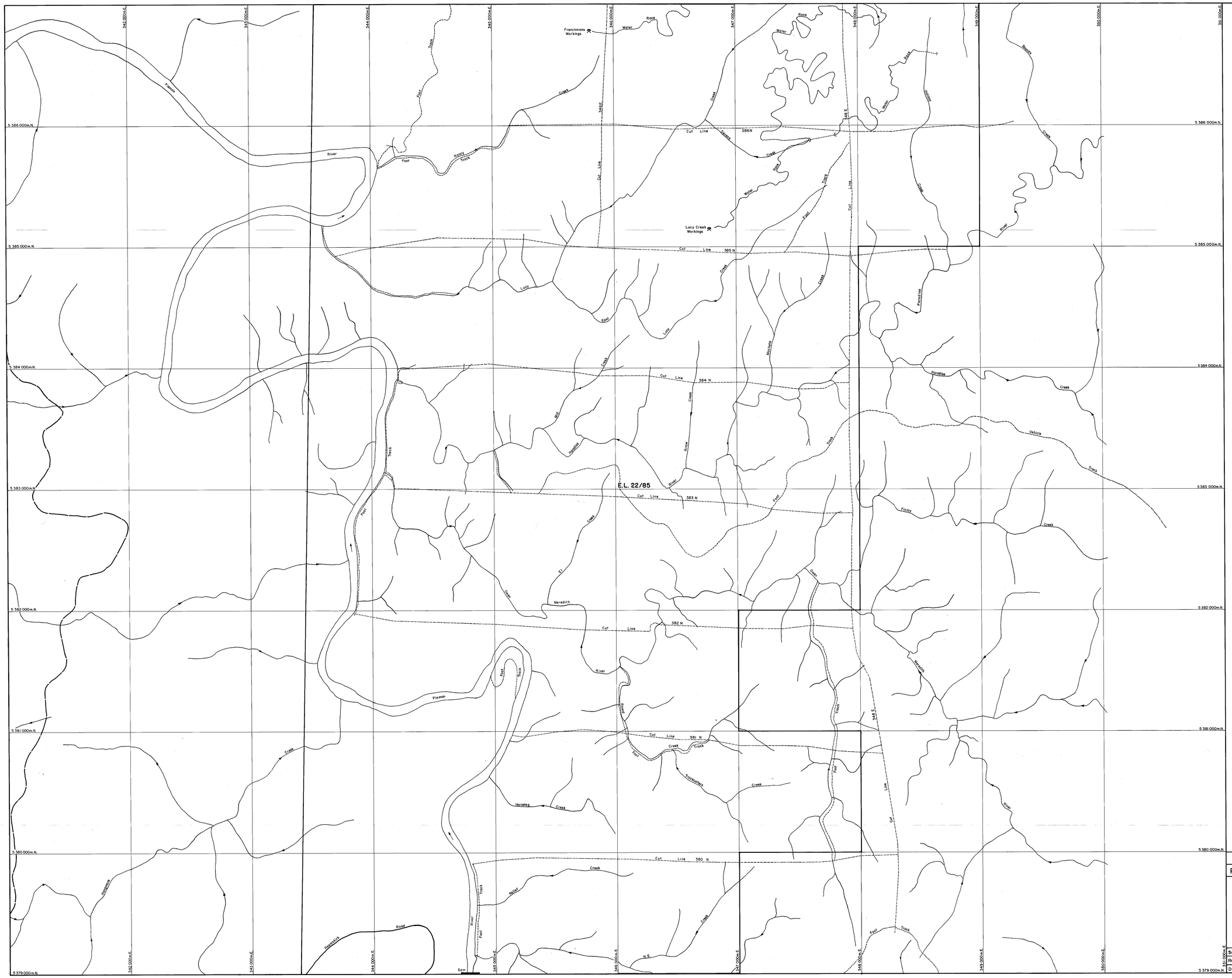
Road

Road

Creek

Creek

Creek



TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

1		
2	3	
4	5	
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7		
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ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

5 cm

Scale: 1:10,000	Survey: I.MAT.	Revised:
Reference:	Date:	Ref. No.
Drawn: N.W.D.S.	Checked:	AO-523-

E.L.22/85

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

5 cm

Scale: 1:10,000	Survey: L.MAT.	Revised:
Reference:	Date:	Ref. No.
Drawn: N.W.D.S.	Checked:	AO-523-

TCR 94 3619
EL 22/85
E.Z. CO. OF TASMANIA LTD.
GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER-ARTHUR LINEAMENT,
ENTITY DEMO

Trimline A0 for reports

ACKNOWLEDGEMENTS

GEOLOGY COMPILED FROM THE FOLLOWING SOURCES.

Published Maps (Dept. of Mines, Tasmania) – 1962
Blissett, A.H. and Gulline, A.B. – Zeehan 1 mile to 1 inch – geological sheet.

Dept. of Mines – 1973.
Burnie 1:250,000 – geological sheet.

Brown, A.V. – 1983.
Regional Geology of the Dundas – Mt. Lindsay – Mt. Ramsay Area.

Brown, A.V. – 1984.
Regional Geology of the Mt. Youngbuck – Magnet Area.

Unpublished.
Shannon, H. – 1985.
1:50,000 scale photogeological interpretation of the Savage River Area.
(Unpublished map for Savage Resources Pty. Ltd.).

GEOLOGY LEGEND

QUATERNARY

- Q — Undifferentiated Alluvium, Gravels and Glacial Deposits.

TERTIARY

- Tus — Undifferentiated Sediments and Gravels.
- Tb — Basalts.

JURASSIC

- Jd — Dolerite.

PERMO-CARBONIFEROUS

- Pt — Tillite, Glacio-Marine Mudstones.

DEVONIAN

- Dgm — Meredith Granite.

SILURO-DEVONIAN

- S-D — Undifferentiated Eldon Group Sediments.
- Sc — Crotty Quartzite.

ORDOVICIAN

- Og — Gordon Limestone.

CAMBRIAN

- €g — Gabbro.
- €t — Tonalite.
- €bm — Massive Aphyric Basalt.
- €ba — Porphyrytic (opx., chr.), High-Mg. Basalt to Andesite.
- €sp — Serpentinised Layered Peridotite and Pyroxenite.
- €sd — Serpentinised Dunite.

(€bm, €ba, €sp, €sd — Principally The Hazelwood River Complex.)

EOCAMBRIAN

- Ecc — Crimson Creek Fm. — Lithic Wackes and Mudstones.
- Eccb — Intercalated Basalts.
- Esc — Success Creek Group — Quartzwacke and minor Mudstone.

PROTEROZOIC

- P — Undifferentiated Proterozoic Rocks.
- Po — Oonah Fm. — Quartz Sandstones, Siltstones and Mudstones (Mainly in east).
- Pos — Oonah Fm. — Schistose Quartzwackes, Micaceous Pelites, some Graphitic Schist (Mainly in west).

- Pb — Battys Bend Fm. — Grey and Green Basal Mudstone, Labile Sandstone, Phyllite, Greenschist, Amphobolite, Turbidite Sandstone, Minor Carbonates, Magnesite and Magnetite near top.
  - Pbb — Bowry Member — Greenschist, Amphobolite, Sandstone.
  - Pbba — Amphibolite.
  - Pbbmg — Magnesite.
  - Pbbmt — Magnetite.
  - Pbg3 — Greenschist, Turbidite Sandstone, Amphibolite, Thin-bedded Sandstone at top.
  - Pbg2 — Quartz-Augen Greenschist.
  - Pbg1 — Greenschist, Grey and Green Phyllite, Amphibolite.
  - Pbs — Green and Grey Mudstone, minor Turbidite Sandstone.
- Pl — Longback Fm. — Slate, Dolomite, Fragmental and Massive Volcanics.
  - Plv2 — Upper Volcanics – Green Tuff with Flattened Pumice common, Amphibolite, Volcanic Breccia.
  - Pld2 — Upper Dolomite Slate Unit – Dolomite common in South only. Quartz veins and laminated Texture in Dolomite, Chert.
  - Plv1 — Lower (Bernafai) Volcanics – Tuffaceous Mudstone, Breccia, Massive Volcanics, Grey Tuff with Flattened Pumice (in north)
  - Pld1 — Lower (Savage) Dolomite – Slate expands at expense of Dolomite in North. Dolomite textures include Stromatolitic and Brecciated Stromatolitic Dololutite and Oolitic Dolarenite, Chert.
- Pd — Mt. Donaldson Fm. — Black Phyllite and Sandstone/Conglomerate.
  - Pds — Prominent Quartz Sandstone Beds.
- Prc — Rocky Cape Group — Slates and Sandstones.
  - Prcs — Prominent Sandstone Beds.

- ·····?····· Probable Geological Contact.
- ---------- Geological Contact.
- ———— Fault.

TOPOGRAPHIC LEGEND

- Pieman Road — Highways and Roads.
- Vehicle Tracks.
- Walking Track or Grid Line.
- Berts Creek — Rivers or Creeks.
- 600 — Contour Line – at 200m Intervals.
- Helicopter Landing Site.
- Operating Mine.
- H.E.C. – Lake Pieman.
- Trig. Point.

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: ARTHUR LINEAMENT

GEOLOGY INTERPRETATION

Compiled: I.McD. Date: 17-7-86 Scale: 1:50,000
AMG: Latitude: Longitude:
Drawn: R.J.R. File No: PLAN NO. A0-523-0010

SCALE 0 1 2 3 4 5 — 5cm

1:50000 SHEET

TCR 94-3619
EL 4/61, 22/85
E.Z. CO. GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

GEOLOGY LEGEND

QUATERNARY

Q — Undifferentiated Alluvium, Gravels and Glacial Deposits.

TERTIARY

Tus — Undifferentiated Sediments and Gravels.

Tb — Basalts.

JURASSIC

Jd — Dolerite.

PERMO-CARBONIFEROUS

Pt — Tillite, Glacio-Marine Mudstones.

DEVONIAN

Dgm — Meredith Granite.

SILURO-DEVONIAN

S-D — Undifferentiated Eldon Group Sediments.

Sc — Crotty Quartzite.

ORDOVICIAN

Og — Gordon Limestone.

CAMBRIAN

Principally The Hazelwood River Complex.

- €g — Gabbro.
- €t — Tonalite.
- €bm — Massive Aphyric Basalt.
- €ba — Porphyrytic (opx., chr.), High-Mg. Basalt to Andesite.
- €sp — Serpentinised Layered Peridotite and Pyroxenite.
- €sd — Serpentinised Dunite.

EOCAMBRIAN

- Ecc — Crimson Creek Fm. — Lithic Wackes and Mudstones.
- Eccb — Intercalated Basalts.
- Esc — Success Creek Group — Quartzwacke and minor Mudstone.

PROTEROZOIC

- ?E — Undifferentiated Proterozoic Rocks.
- Po — Oonah Fm. — Quartz Sandstones, Siltstones and Mudstones (Mainly in east).
- Pos — Oonah Fm. — Schistose Quartzwackes, Micaceous Pelites, some Graphitic Schist (Mainly in west).

Pb — Battys Bend Fm. — Grey and Green Basal Mudstone, Labile Sandstone, Phyllite, Greenschist, Amphobolite, Turbidite Sandstone, Minor Carbonates, Magnesite and Magnetite near top.

- Pbb — Bowry Member — Greenschist, Amphobolite, Sandstone.
- Pbba — Amphibolite.
- Pbbmg — Magnesite.
- Pbbmt — Magnetite.
- Pbg3 — Greenschist, Turbidite Sandstone, Amphibolite, Thin-bedded Sandstone at top.
- Pbg2 — Quartz-Augen Greenschist.
- Pbg1 — Greenschist, Grey and Green Phyllite, Amphibolite.
- Pbs — Green and Grey Mudstone, minor Turbidite Sandstone.

Pl — Longback Fm. — Slate, Dolomite, Fragmental and Massive Volcanics.

- Plv2 — Upper Volcanics – Green Tuff with Flattened Pumice common, Amphibolite, Volcanic Breccia.
- Pld2 — Upper Dolomite Slate Unit – Dolomite common in South only. Quartz veins and laminated Texture in Dolomite, Chert.
- Plv1 — Lower (Bernafal) Volcanics – Tuffaceous Mudstone, Breccia, Massive Volcanics, Grey Tuff with Flattened Pumice (in north)
- Pld1 — Lower (Savage) Dolomite – Slate expands at expense of Dolomite in North. Dolomite textures include Stromatolitic and Brecciated Stromatolitic Dololutite and Oolitic Dolarenite, Chert.

Pd — Mt. Donaldson Fm. — Black Phyllite and Sandstone/Conglomerate.

Pds — Prominent Quartz Sandstone Beds.

Prc — Rocky Cape Group — Slates and Sandstones.

Prcs — Prominent Sandstone Beds.

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- ——— Fault.

TOPOGRAPHIC LEGEND

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- Operating Mine
- H.E.C. – Lake Pieman
- Trig. Point

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT ARTHUR LINEAMENT

GEOLOGY INTERPRETATION

Compiled I McD	Date 17-7-86	Scale 1:50,000	
AMG	Latitude	Longitude	
Drawn RJR	File No.	PLAN NO. AO-523-0010	

SCALE 0 1 2 3 4 5 km

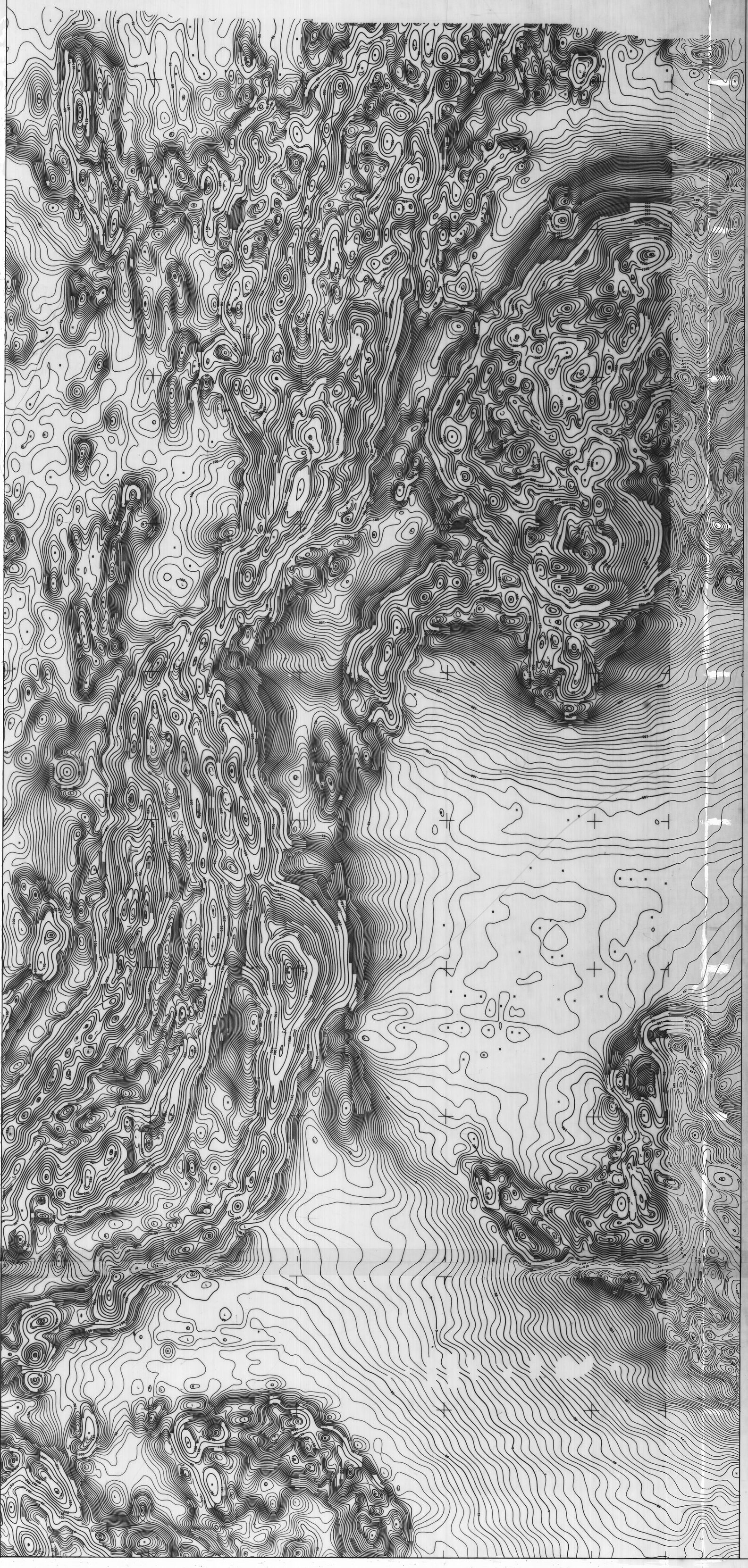
1:50000 SHEET

5 cm

TCR 94-3619
E.Z. CO. GEOPERKO, SAVAGE RESOURCES
EL 4/61, 22/85
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

345000 350000 355000 360000



LEGEND

	>10,000
	5,000 - 10,000
	1,000 - 5,000
	600 - 1,000
	400 - 600
	200 - 400
	100 - 200
	50 - 100
	0 - 50
	-50 - 0
	-200 - -50
	-500 - -200
	< -500

5 cm

PROJECT: ARTHUR LINEAMENT -TAS.

AEROMAGNETICS

Scale: 1:50,000	Survey: I. Mc D.	Revision:
Reference:		Date: June, 1986
Drawn: I. Mc D.	Checked:	Ref. No.: AO-523-0011

345000 350000 355000 360000

5 cm

22		>	10000
19	5000	–	10000
15	1000	–	5000
11	600	–	1000
52	400	–	600
60	200	–	400
6	100	–	200
5	50	–	100
48	0	–	50
64	-50	–	0
	-200	–	-50
39	-500	–	-200
35		<	-500

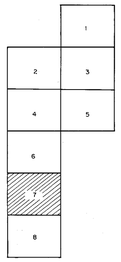
PROJECT ARTHUR LINEAMENT

AEROMAGNETICS

Scale 1:50000

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND





ELECTROLYTIC ZINC CO. of A'ASIA LTD.

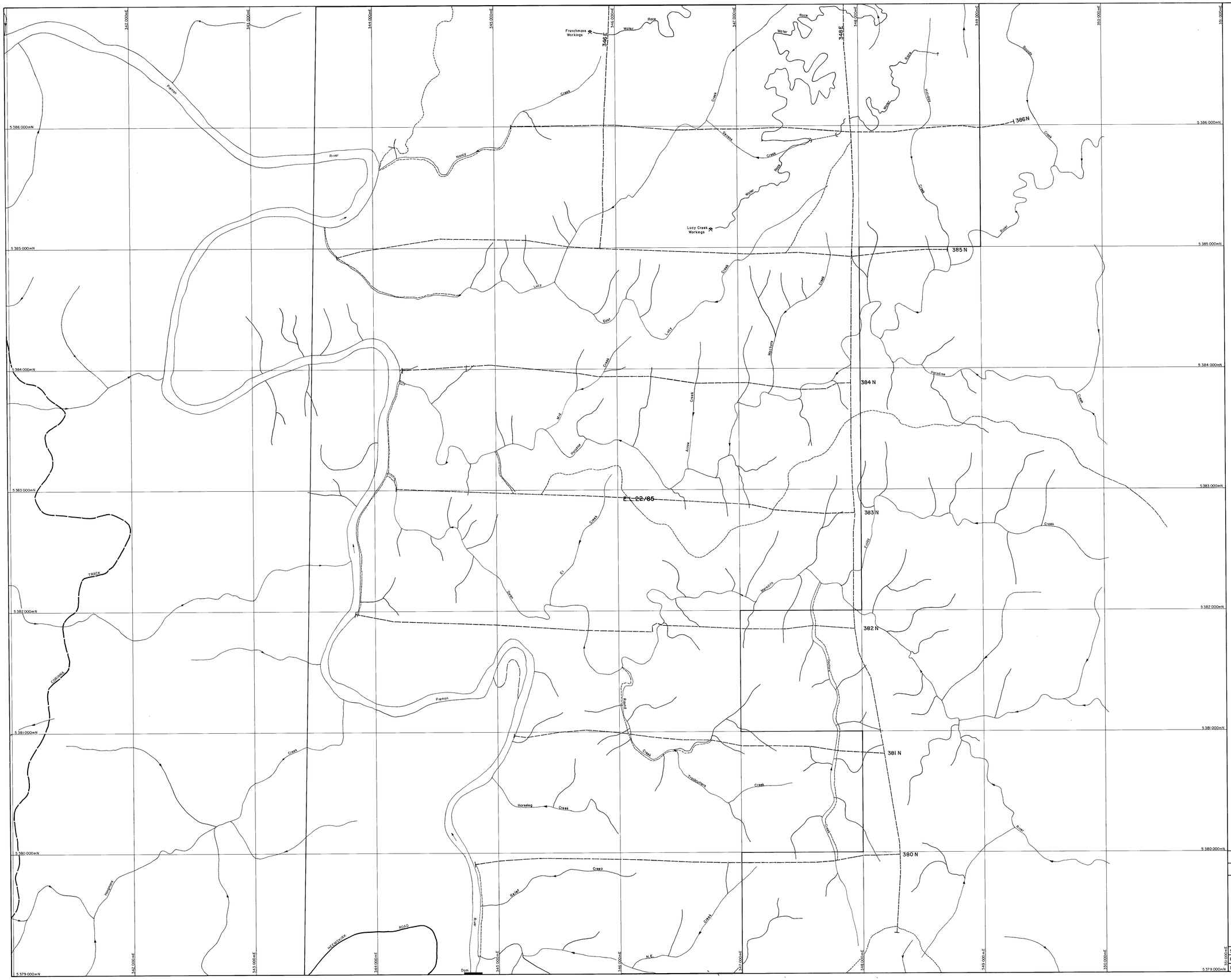
PROJECT: ARTHUR LINEAMENT ,TAS.

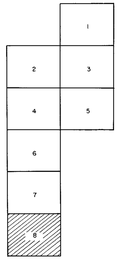
5 cm

CUT GRID LINES

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 30-9-'86	Ref. No.
Drawn: N.W.D.S.	Checked:	A0-523-0012

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND





ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

5 cm

CUT GRID LINES

Scale: 1:10,000	Survey: I.MAT.	Revised:
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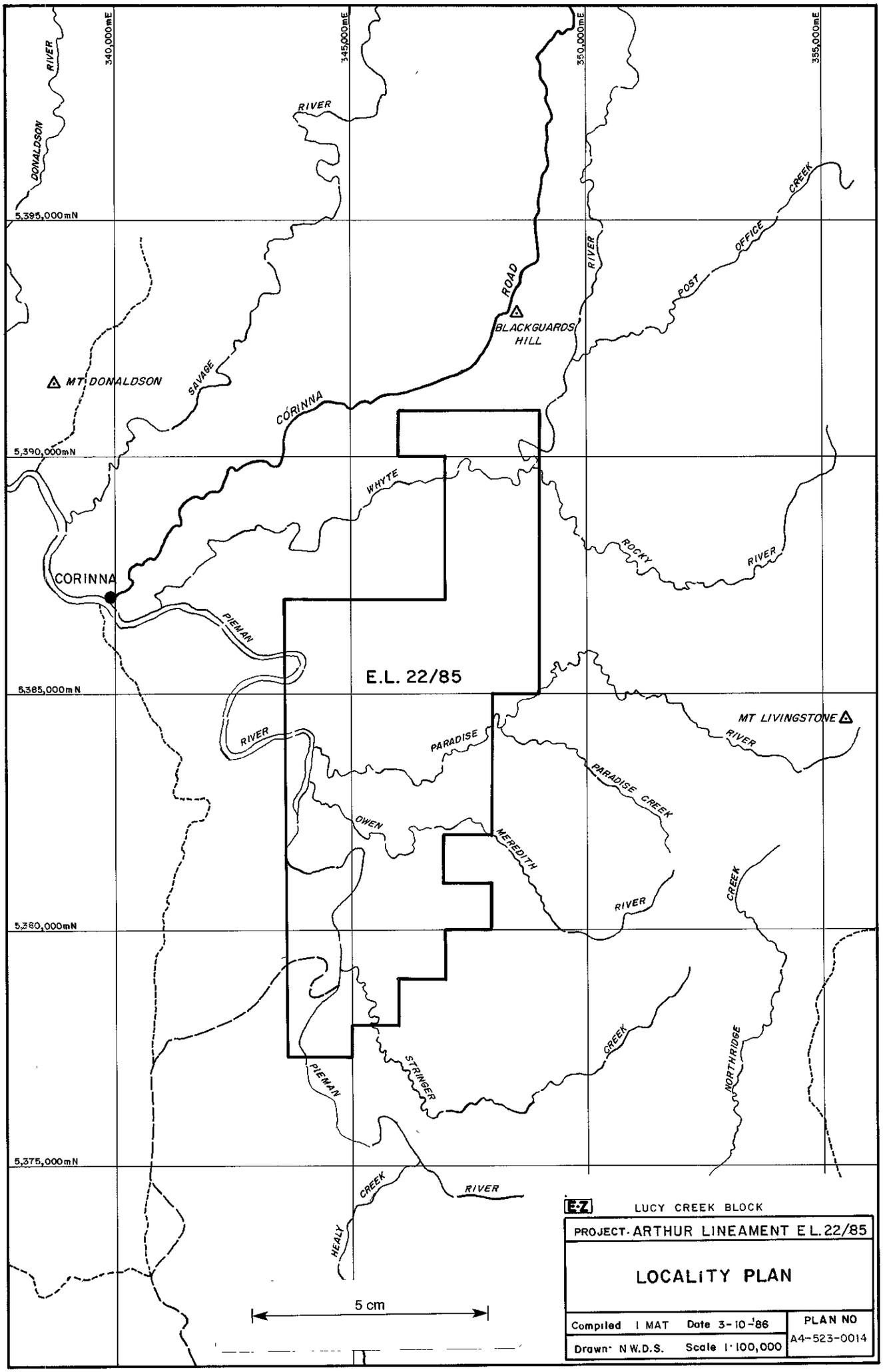
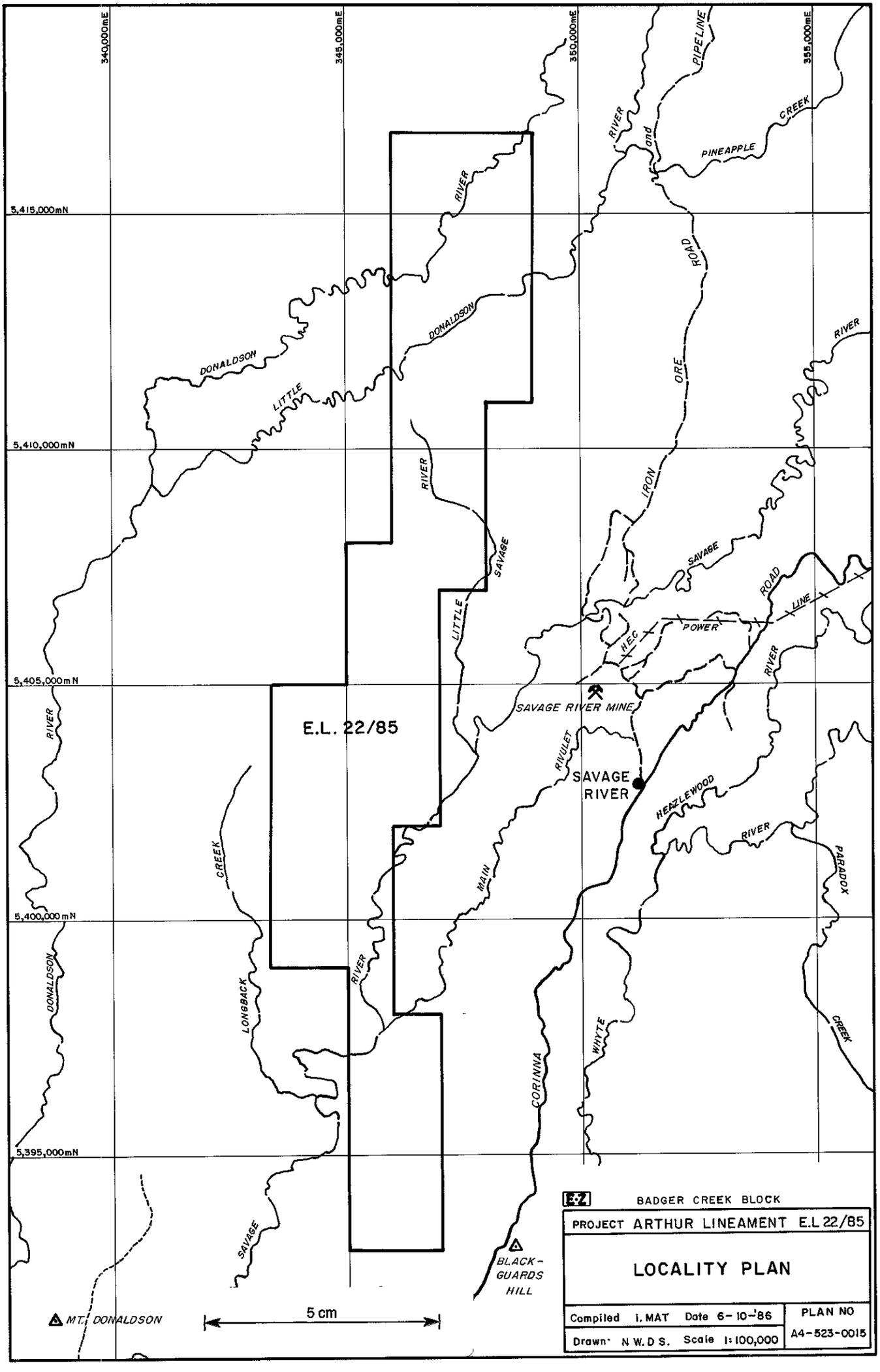
Drawn: N.W.D.S.	Checked:	A0-523-0013

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

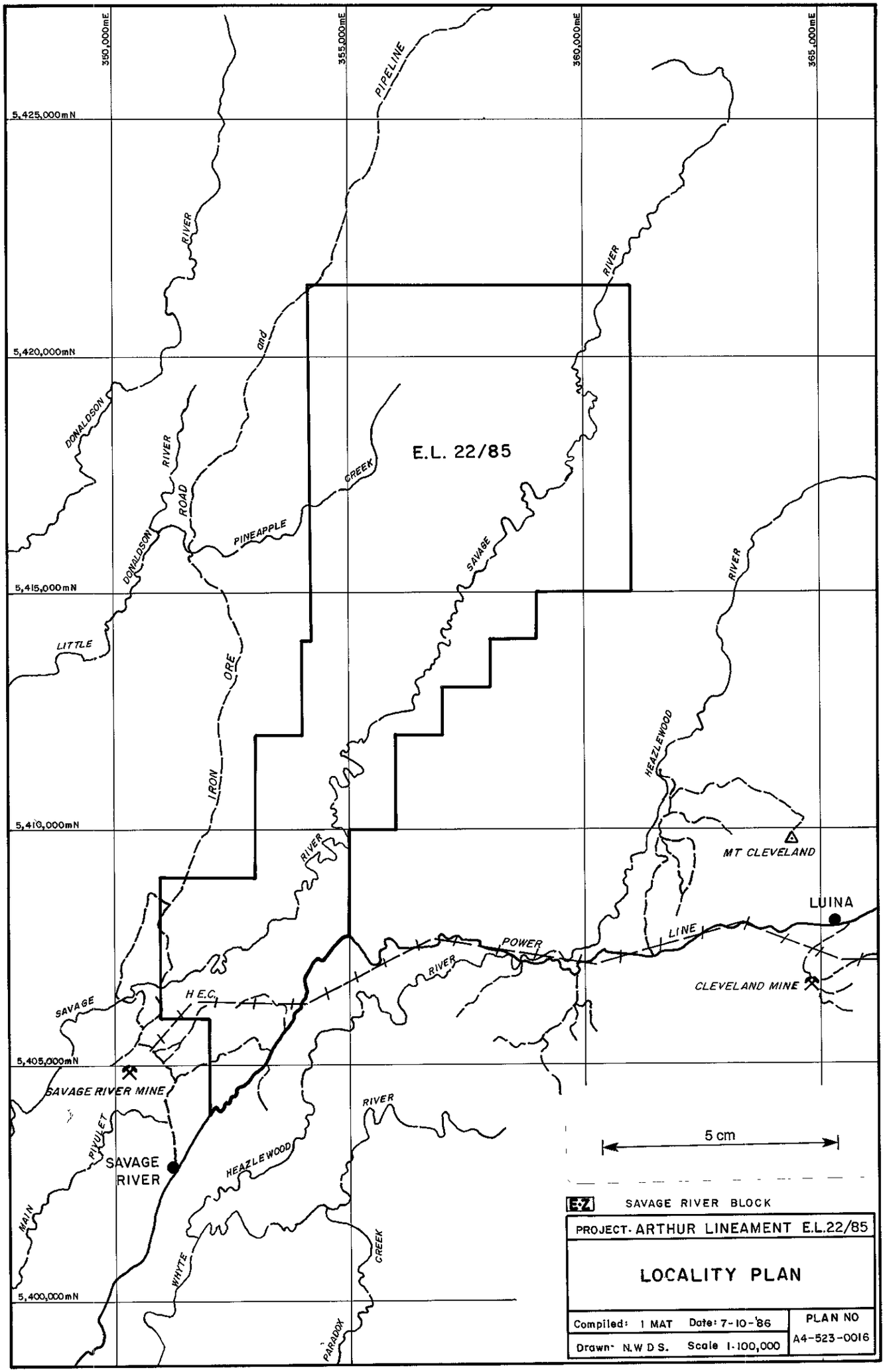
TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



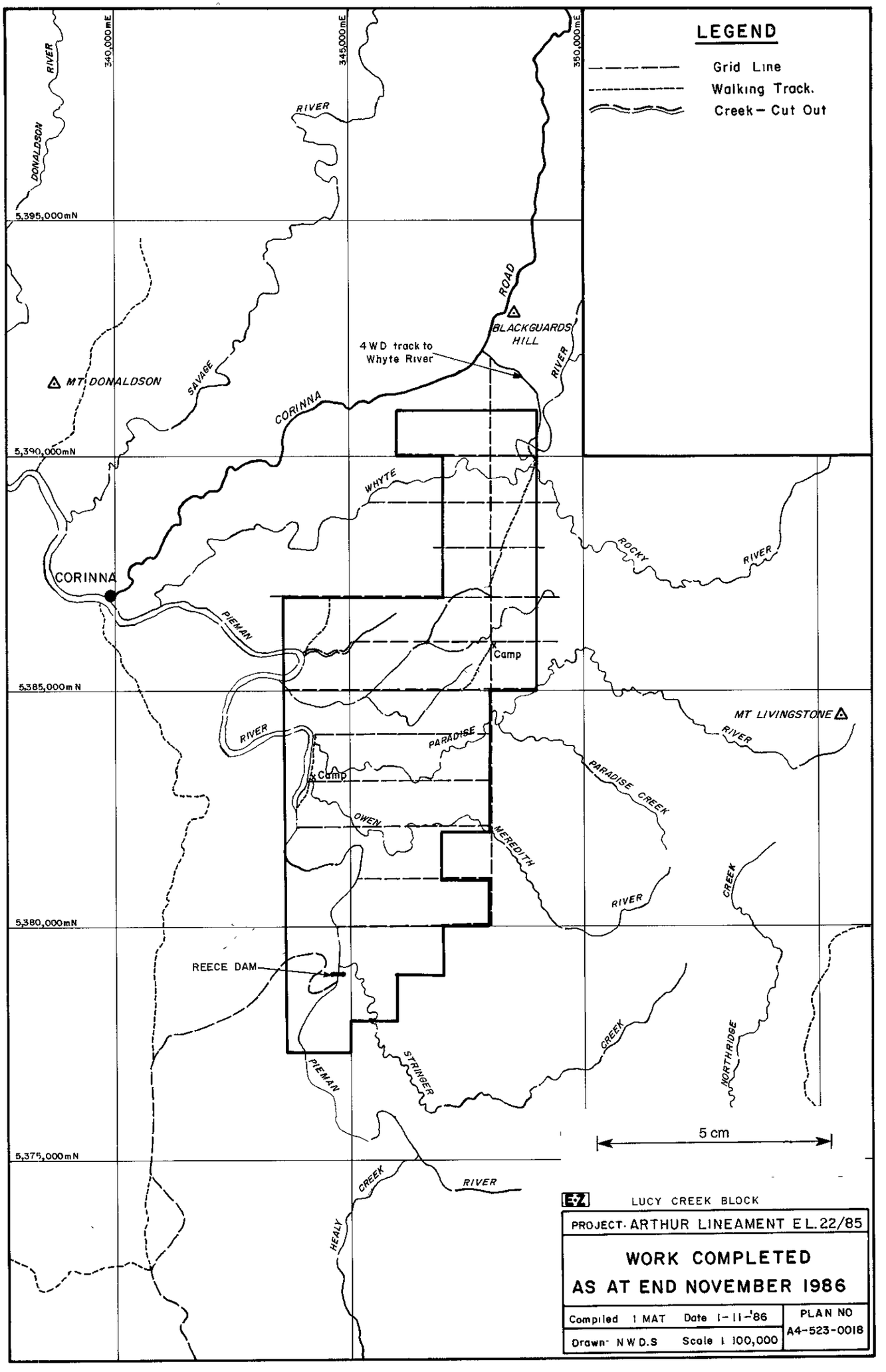
TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimline A0 for reports

A0-523-0019

340 000m.E. 350 000m.E. 360 000m.E.

5 420 000m.N. 5 410 000m.N. 5 400 000m.N. 5 390 000m.N. 5 380 000m.N. 5 370 000m.N.

TOPOGRAPHIC LEGEND

- Pieman Road — Highways and Roads.
- Vehicle Tracks.
- Walking Track or Grid Line.
- Rivers or Creeks.
- 400 — Contour Line – at 200m Intervals.
- Operating Mine.
- H.E.C. – Lake Pieman.
- Trig. Point.

EZ

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: ARTHUR LINEAMENT

SAVAGE RESOURCES SAMPLE LOCATIONS and NUMBERS

Compiled: I. MAT. Date: 5-11-'86 Scale: 1:50,000

A.M.G.: Latitude: Longitude:

Drawn: N.W.D.S. File No: PLAN NO: A0-523-0019

SCALE 0 1 2 3 4 5 km

1:250000 SHEET

5 cm

MINERAL OCCURENCE LEGEND

- Alluvial Gold Workings – (Position of some workings approximate – interpreted from old reports).
- Hardrock mineralization.
- Fe Magnetite – (Also Pbbmt).
- Cu Copper.
- Au Gold.
- Adit.
- Shaft.

MINING COMPANY LEGEND

CREEKS FROM BLAKE – 1939

Sailor Jack and Middleton Creeks	Corinna Hydraulic G.M. Co.
Nonesuch and Brooklyn Creeks.	S.R. Hydraulic G.M. Co.
Gutherie Creek.	New Donaldson Hydraulic G.M. Co.
Nonesuch Creek.	Brooklyn Hydraulic G.M. Co.
Lucy Spur.	Lucy Spur Hydraulic G.M. Co.
Brookside.	Brookside Hydraulic G.M. Co.
Nancy Spur.	Frenchman's Peak Ltd.

GEOLOGY LEGEND

QUATERNARY

- Q — Undifferentiated Alluvium, Gravels and Glacial Deposits.

TERTIARY

- Tus — Undifferentiated Sediments and Gravels.
- Tb — Basalts.

JURASSIC

- Jd — Dolerite.

PERMO-CARBONIFEROUS

- Pt — Tillite, Glacio-Marine Mudstones.

DEVONIAN

- Dgm — Meredith Granite.

SILURO-DEVONIAN

- S-D — Undifferentiated Eldon Group Sediments.
- Sc — Crotty Quartzite.

ORDOVICIAN

- Og — Gordon Limestone.

CAMBRIAN

- €g — Gabbro.
- €t — Tonalite.
- €bm — Massive Aphyric Basalt.
- €ba — Porphyrytic (opx., chr.), High-Mg. Basalt to Andesite.
- €sp — Serpentinised Layered Peridotite and Pyroxenite.
- €sd — Serpentinised Dunite.

(€bm, €ba, €sp, €sd: Principally The Hazelwood River Complex.)

EOCAMBRIAN

- Ecc — Crimson Creek Fm. — Lithic Wackes and Mudstones.
- Eccb — Intercalated Basalts.
- Esc — Success Creek Group — Quartzwacke and minor Mudstone.

PROTEROZOIC

- P — Undifferentiated Proterozoic Rocks.
- Po — Oonah Fm. — Quartz Sandstones, Siltstones and Mudstones (Mainly in east).
- Pos — Oonah Fm. — Schistose Quartzwackes, Micaceous Pelites, some Graphitic Schist (Mainly in west).

Pb — Battys Bend Fm. — Grey and Green Basal Mudstone, Labile Sandstone, Phyllite, Greenschist, Amphobolite, Turbidite Sandstone, Minor Carbonates, Magnesite and Magnetite near top.

- Pbb — Bowry Member — Greenschist, Amphobolite, Sandstone.
- Pbba — Amphibolite.
- Pbbmg — Magnesite.
- Pbbmt — Magnetite.
- Pbg3 — Greenschist, Turbidite Sandstone, Amphibolite, Thin-bedded Sandstone at top.
- Pbg2 — Quartz-Augen Greenschist.
- Pbg1 — Greenschist, Grey and Green Phyllite, Amphibolite.
- Pbs — Green and Grey Mudstone, minor Turbidite Sandstone.

Pl — Longback Fm. — Slate, Dolomite, Fragmental and Massive Volcanics.

- Plv2 — Upper Volcanics – Green Tuff with Flattened Pumice common, Amphibolite, Volcanic Breccia.
- Pld2 — Upper Dolomite Slate Unit – Dolomite common in South only. Quartz veins and laminated Texture in Dolomite, Chert.
- Plv1 — Lower (Bernafal) Volcanics – Tuffaceous Mudstone, Breccia, Massive Volcanics, Grey Tuff with Flattened Pumice (in north)
- Pld1 — Lower (Savage) Dolomite – Slate expands at expense of Dolomite in North. Dolomite textures include Stromatolitic and Brecciated Stromatolitic Dololutite and Oolitic Dolarenite, Chert.

Pd — Mt. Donaldson Fm. — Black Phyllite and Sandstone/Conglomerate.

- Pds — Prominent Quartz Sandstone Beds.

Prc — Rocky Cape Group — Slates and Sandstones.

- Prcs — Prominent Sandstone Beds.

- Probable Geological Contact.
- Geological Contact.
- Fault.

TOPOGRAPHIC LEGEND

- Highways and Roads.
- Vehicle Tracks.
- Walking Track or Grid Line.
- Rivers or Creeks.
- Contour Line – at 200m Intervals.
- Helicopter Landing Site.
- Operating Mine.
- H.E.C. – Lake Pieman.
- Trig. Point.

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT ARTHUR LINEAMENT

KNOWN MINERAL OCCURENCES

Compiled I.MAT. Date 11-11-86 Scale 1:50,000
AMG Latitude Longitude
Drawn R.J.R. File No. PLAN NO: A0-523-0020

SCALE 0 1 2 3 4 5 km

1:50000 SHEET

5cm

TCR 94-3619
EL 4/61, 22/85
E.Z. CO. GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimble AO for reports

A0-523-0021

N.B. – All readings are p.p.m.
X = below level of detection.

TOPOGRAPHIC LEGEND

- Pieman Road — Highways and Roads.
- Vehicle Tracks.
- Walking Track or Grid Line.
- Batts Creek — Rivers or Creeks.
- 400 — Contour Line – at 200m Intervals.
- Helicopter Landing Site.
- Operating Mine.
- H.E.C. – Lake Pieman.
- Trig. Point.

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

SCALE
0 1 2 3 4 5 km.

1:250000 SHEET

5cm

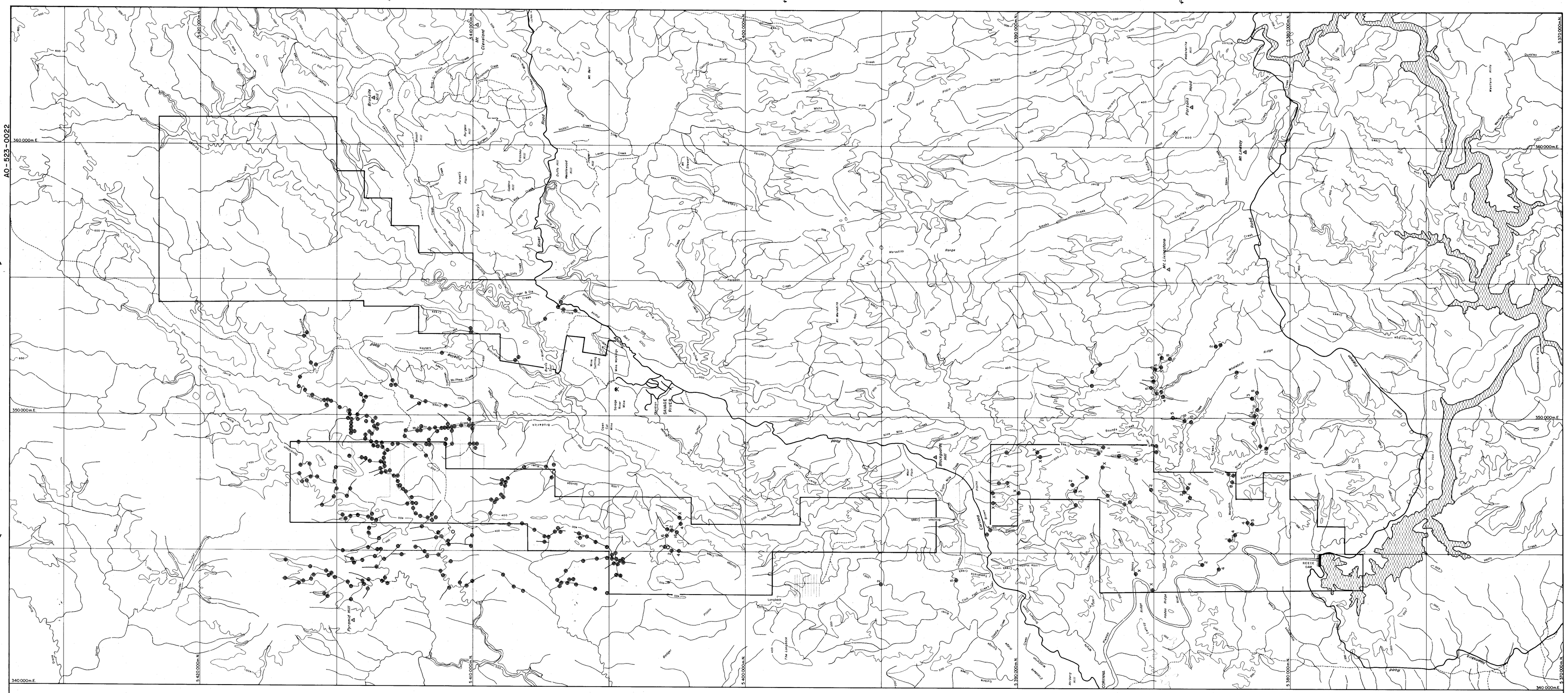
PROJECT: ARTHUR LINEAMENT

SAVAGE RESOURCES LTD.

GEOCHEMISTRY

Cu.

Compiled: I.MAT. Date: 16-11-'86 Scale: 1:50,000
AMG: Latitude: Longitude:
Drawn N.W.D.S. File No: PLAN NO: A0-523-0021



TCR 94-3619
EL 4/61, 22/85
E.Z. CO. OPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

N.B.- All readings are p.p.m.
Xr below level of detection.

TOPOGRAPHIC LEGEND

- Highways and Roads.
- Vehicle Tracks.
- Walking Track or Grid Line.
- Rivers or Creeks.
- Contour Line - at 200m Intervals.
- Helicopter Landing Site.
- Operating Mine.
- H.E.C. - Lake Pieman.
- Trig. Point.

5 cm

1:250000 SHEET

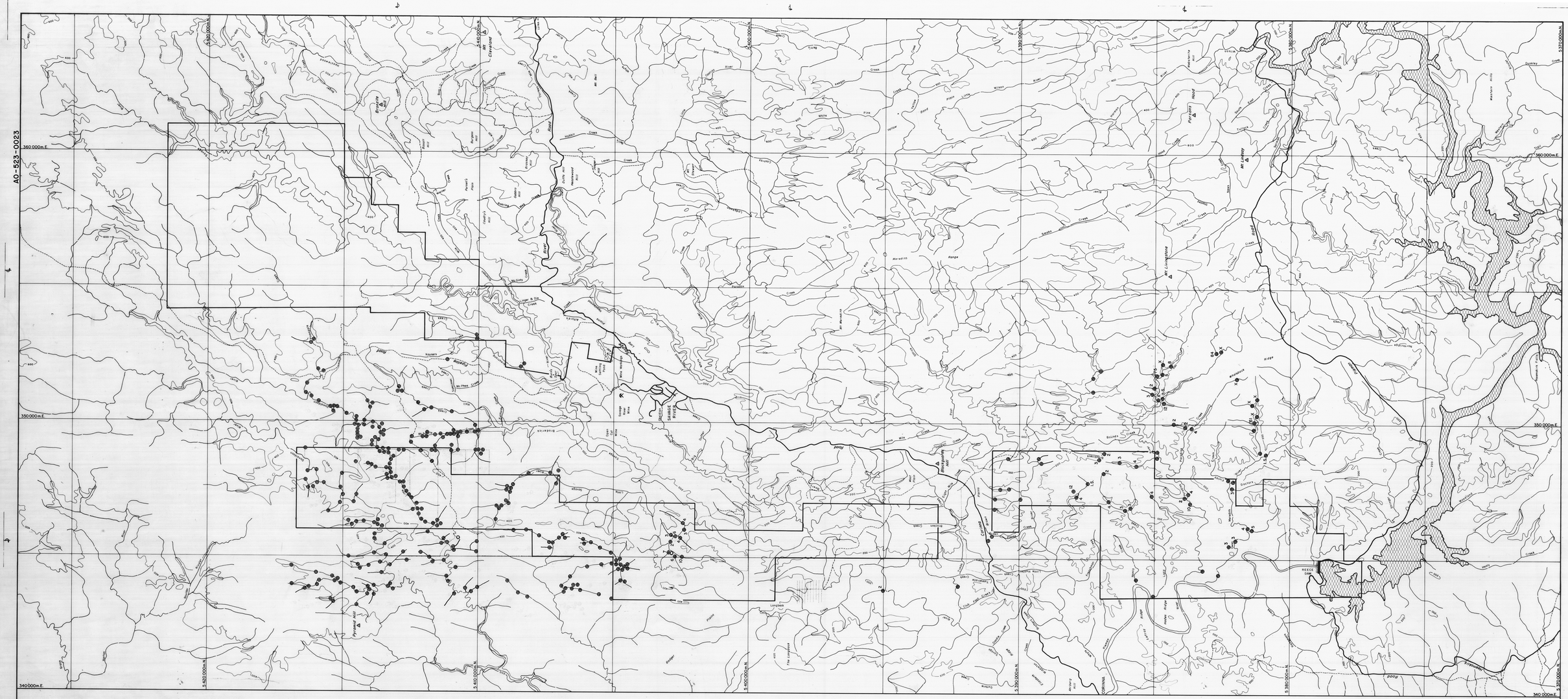
SCALE

0 1 2 3 4 5 km

EZ

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: ARTHUR LINEAMENT		
SAVAGE RESOURCES LTD. GEOCHEMISTRY As.		
Compiled: I.M.A.T.	Date: 16-11-'86	Scale: 1:50,000
AMG:	Latitude:	Longitude:
Drawn: N.W.D.S.	File No:	PLAN NO: AO-523-0022



TCR 94-3619
EL 4/61, 22/85
E.Z. CO. GEOPERO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

N.B.-All readings are p.p.b.
X = below level of detection.

TOPOGRAPHIC LEGEND

- Pieman Road — Highways and Roads.
- Vehicle Tracks.
- Walking Track or Grid Line.
- Rivers or Creeks.
- Contour Line - at 200m Intervals.
- Helicopter Landing Site.
- Operating Mine.
- N.E.C. - Lake Pieman.
- Trig. Point.

5 cm

1:250000 SHEET

SCALE

0 1 2 3 4 5
km

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: ARTHUR LINEAMENT

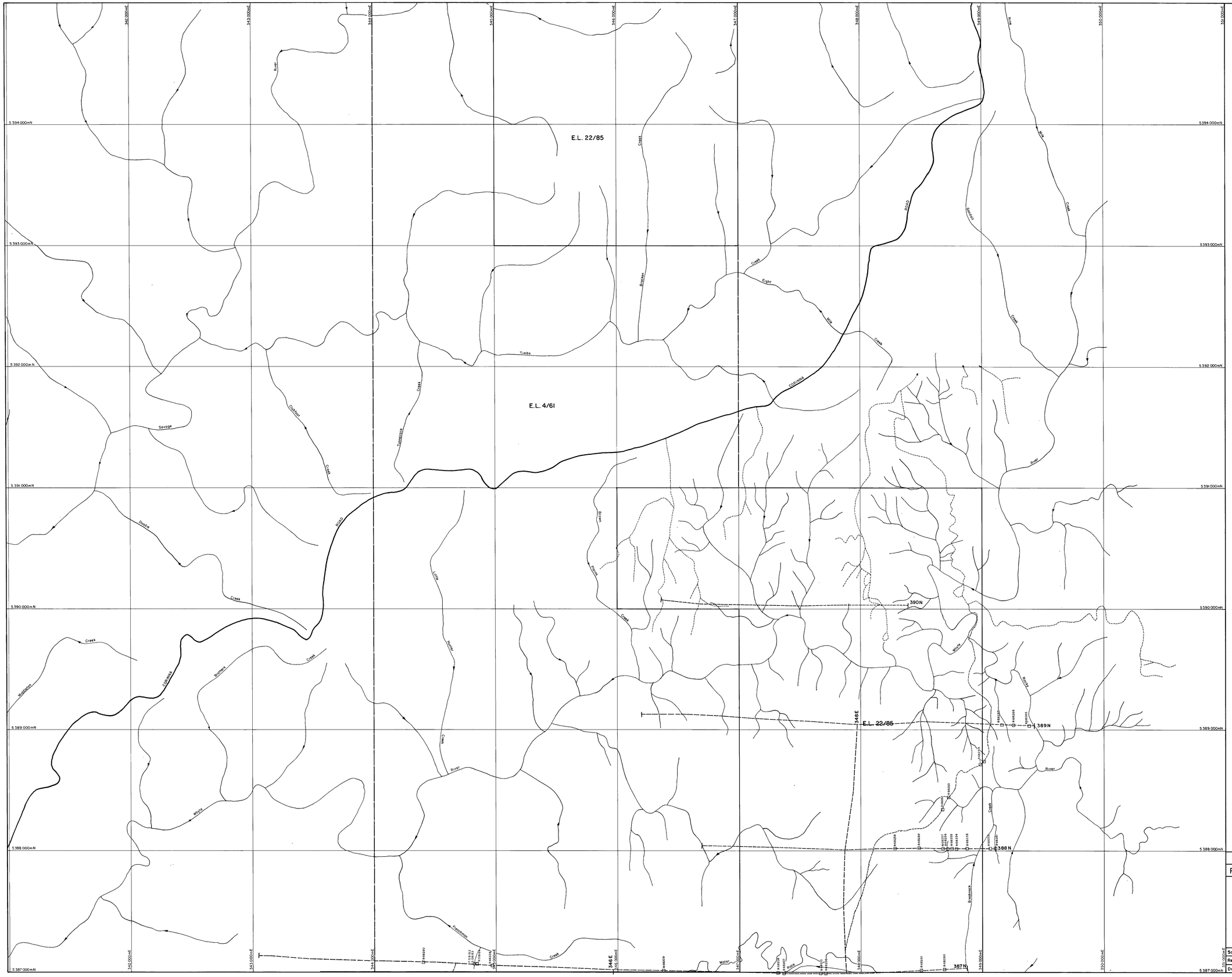
SAVAGE RESOURCES LTD.

GEOCHEMISTRY

Au.

Compiled: I.MAT.	Date: 16-11-'86	Scale: 1:50,000
AMG:	Latitude:	Longitude:
Drawn: N.W.D.S.	File No:	PLAN NO: AO-523-0023

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



□ R 12345 = Rock Chip Sample
○ S 34567 = Stream Sediment Sample.
○ P 56789 = Panned Concentrate Sample

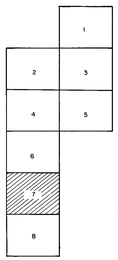


Fig. 1

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

SAMPLE LOCATIONS

5 cm

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 9-1-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	A0-523-0024

□ R 12345 = Rock Chip Sample.

○ S 34567 = Stream Sediment Sample

○ P 56789 = Panned Concentrate Sample.

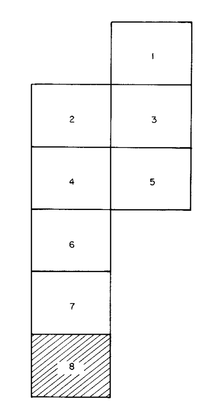


Fig. 2

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT TAS.

SAMPLE LOCATIONS

5cm

Scale: 1:10,000	Survey:- I.MAT.	Revised:-
Reference	Date:- 9-1-87	Ref. No
Drawn:- N.W.D.S.	Checked:-	AO-523-0025

E.L. 22/85
E.L. 15/85
E.L. 23/85
E.L. 24/85
E.L. 25/85
E.L. 26/85
E.L. 27/85
E.L. 28/85
E.L. 29/85
E.L. 30/85
E.L. 31/85
E.L. 32/85
E.L. 33/85
E.L. 34/85
E.L. 35/85
E.L. 36/85
E.L. 37/85
E.L. 38/85
E.L. 39/85
E.L. 40/85
E.L. 41/85
E.L. 42/85
E.L.

E.L. 22/85

E.L. 4/61

E.L. 22/85

Cut Line 390N

Cut Line 389N

Cut Line 388N

Cut Line 387N

Cut Line 348E

Cut Line 349E

Cut Line 350E

Cut Line 351E

Cut Line 352E

Cut Line 353E

Cut Line 354E

Cut Line 355E

Cut Line 356E

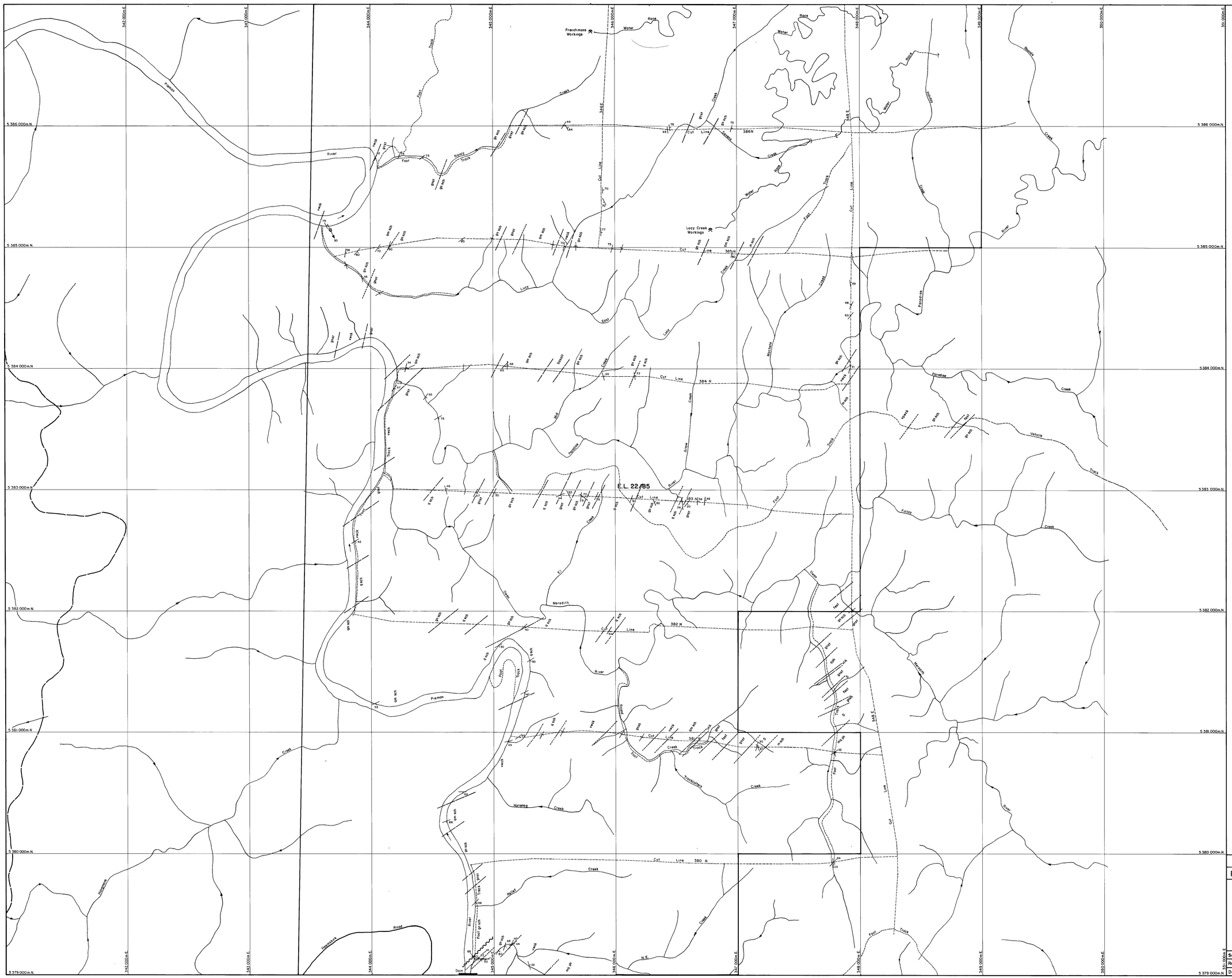
Cut Line 357E

Cut Line 358E

Cut Line 359E

Cut Line 360E

Cut Line



LEGEND

msch	=	mica schist.
gn sch	=	green schist.
gnst	=	green stone.
basalt	=	basalt.
q sch	=	quartz schist.
qm sch	=	quartz mica schist.
S	=	slates.
vtA	=	vitric tuff, Acid.
vwck	=	volcanic wacke.
vq wck	=	volcanic quartz wacke.
fest	=	iron stone.
qmph	=	quartz mica phyllite.
qph	=	quartz phyllite

Solid Line = known contact, Broken = unknown.

Inferred Contact.

Shear.

60 Dip and strike, angled.

Dip and strike, vertical

30 Plunge of anti-cline.

5 cm

1 2 3 4 5 6 7 8

Fig. 12

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

GEOLOGY

(FACT)

Scale: 1:10,000	Survey: N.M.F.	Revised:
Reference:	Date: 20-4-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	A0-523-0027

TCR 94-36119
EL 4/61, 22/85
E.Z. CO. GEOFOX, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

A3-523-0028

342 000mE
344 000mE
346E 346 000mE
348E 348 000mE
350 000mE
5 386 000mN
5 384 000mN
5 382 000mN
5 380 000mN
5 378 000mN
386N
385N
384 N
383N
382 N
381N
380 N
Frenchmans Workings
Lucy Creek Workings
WATER RACE
RIVER
PARADISE
OWEN
MEREDITH
PIEMAN
HEEMSKIRK ROAD
REECE DAM

LEGEND

PLAN No.	SAMPLE No	PLAN No	SAMPLE No	PLAN No	SAMPLE No
1	R 64392	83	R 68211	159	R 68220
2	R 68289	84	R 68212	160	R 68221
3	R 68288	85	R 68213	161	R 68222
4	R 68205	86	R 68214	162	R 68223
5	R 68204	87	R 68215	163	R 68224
6	R 68203	88	R 68216	164	R 68225
7	R 68202	89	R 68217	165	R 68226
8	R 68201	90	R 68218	166	R 68280
9	R 58161	91	R 68219	167	R 68281
10	R 58165	92	R 68240	168	R 68282
11	S 58167 - P 58166	93	R 68241	169	R 58147
12	R 58180	94	R 68242	170	R 58146
13	S 58183 - P 58182	95	R 68243	171	R 58145
14	R 58181	96	R 68245	172	R 58144
15	S 68275	97	R 68244	173	R 58143
16	R 68275	98	R 58153	174	R 58142
17	R 68279	99	R 58168	175	R 53550
18	S 68277 - P68276	100	R 58169	176	R 67076
19	R 58189	101	S 58171 - P58170	177	R 67075
20	S 68278	102	R 58172	178	R 67072
21	R 58188	103	R 58173	179	S 67073
22	R 58185	104	R 58174	180	P 67074
23	S 58187 - P58186	105	R 58151 - R58152	181	R 67071
24	R 64391	106	R 58175	182	R67070
25	R 64390	107	S 58176 - P58177	183	R 53551
26	R 64389	108	R 58178	184	R 53548
27	R 64388	109	R 58179	185	R 53547
28	R 64387	110	S 58196 - S58197	186	R 53546
29	R 58159	110	P 58198 - P58199	187	R 53545
30	R 58160	111	R 44780	188	R 53544
31	R 65870	112	R 53561	189	R 53543
32	R 65871	113	R 58195	190	R 53549
33	R 53562	114	R 58194	191	R 53542
34	R 53563	115	R 58193	192	S 44781 - P44782
35	R 53564	116	R 58192	193	R 44783
36	R 53565	117	R 58191	194	R 44784
37	R 53566	118	R 58190	195	R 44785
38	R 53567	119	R 67081	196	R 53541
39	R 53574	120	R 67080	197	R 64386
40	R 53568	121	R 58150	198	R 64385
41	R 53569	122	R 68234	199	R 44786
42	R 53570	123	R 68233	200	S 44787 - P44788
43	R 53571	124	R 58141	201	R 44789
44	R 53572	125	R 68232	202	R 64384
45	R 53573	126	R 68231	203	R 64383
46	R 53575	127	R 68230	204	R 64382
47	R 53576	128	R 68229	205	R 64381
48	R 53584	129	R 68246	206	R 64380
49	R 53578	130	R 68247	207	R 64379
50	R 53583	131	R 68248	208	R 64378
51	R 53582	132	R 68249	209	R 64377
52	R 53579	133	R 68250	210	R 68294
53	R 53580	134	R 68268	211	S 68292 - P68293
54	R 53581	135	R 68269	212	R 68295
55	S 65882 - P65883	136	R 68270	213	R 68298
56	R 65881	137	R 68283	214	S 68296 - P68297
57	R 65880	138	R 68284	215	S 68299 - P68300
58	S 65878 - P65879	139	R 68285	216	R 53552
59	R 53587	140	R 68286	217	R 53553
60	S 53585 - P53586	141	R 68287	218	R 53554
61	R 65872	142	R 67077	219	R 53555
62	S 65873 - P65874	143	R 67078	220	R 67088
63	R 53588	144	R 67079	221	R 67089
64	S 53589 - P53590	145	S 68238	222	R 67086
65	R 53591	146	S 68239 - P68271	223	R 67085
66	R 58158	147	S 68273	224	R 67084
67	R 58157	148	R 68274	225	R 67083
68	R 58156	149	S 44757 - P44758	226	R 67082
69	R 58155	150	R 44756	227	R 64371
70	R 58154	151	R 58149	228	R 53556
71	R 44770	152	R 58148	229	R 53557
72	R 44771	153	R 65869	230	R 53558
73	R 44772	154	S 64372 - S64373	231	R 53559
74	R 44773	154	P 64374 - P64375	232	R 44759
75	R 44774	154	S 65867 - P65868	233	R 44760
76	R 44775	155	R 64376	234	R 44761
77	R 44776	156	R 53536	235	R 53560
78	R 44777	156	R 53537	236	R 44762
79	R 65875	157	R 53538	237	R 44763
80	S 65876 - P65877	158	R 53540	238	R 44764
81	R 44779	158	R 53539	239	R 44765
82	R 44779			240	R 44766
				241	R 44767

N.B - R 58155 - etc = Rock Chip Sample
S 65876 - etc = Stream Sediment Sample.
P 53590 - etc. = Panned Concentrate Sample.

EL Boundary

5 cm

1 250000 SHEET

SCALE
0 800 1600 2400 3200
metres

EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT ARTHUR LINEAMENT E.L.22/85

SAMPLE LOCATIONS

Compiled N F	Date 7-6-'87	Scale 1 40,000	
Latitude	Longitude	PLAN NO	
Drawn N W D S	File No	A3-523-0028	

trimline A3 for binding within text
trimline A3 for report packets

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

A3-523-0029

342 000mE
344 000mE
346 000mE
346E
348 000mE
348E
350 000mE

5 386 000mN
5 384 000mN
5 382 000mN
5 380 000mN
5 378 000mN

386 N
385 N
384 N
383 N
382 N
381 N
380 N

Frenchmans Workings
Lucy Creek Workings
WATER RACE
RIVER
PARADISE
OWEN
MEREDITH
PLEMAN
HEEMSKIRK ROAD
REECE DAM

1 250000 SHEET

SCALE
0 800 1600 2400 3200
metres

N

LEGEND

PLAN No.	SAMPLE No	PLAN No	SAMPLE No	PLAN No	SAMPLE No
1	R 64392	83	R 68211	159	R 68220
2	R 68289	84	R 68212	160	R 68221
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7	R 68202	89	R 68217	165	R 68226
8	R 68201	90	R 68218	166	R68280
9	R 58161	91	R 68219	167	R68281
10	R 58165	92	R 68240	168	R68282
11	S 58167 – P 58166	93	R 68241	169	R 58147
12	R 58180	94	R 68242	170	R 58146
13	S 58183 – P 58182	95	R 68243	171	R 58145
14	R 58181	96	R 68245	172	R 58144
15	S 68275	97	R 68244	173	R 58143
16	R 68275	98	R 58153	174	R 58142
17	R 68279	99	R 58168	175	R 53550
18	S 68277 – P68276	100	R 58169	176	R 67076
19	R 58189	101	S 58171 – P58170	177	R 67075
20	S 68278	102	R 58172	178	R 67072
21	R 58188	103	R 58173	179	S 67073
22	R 58185	104	R 58174	180	P 67074
23	S 58187 – P 58186	105	R 58151 – R 58152	181	R 67071
24	R 64391	106	R 58175	182	R 67070
25	R 64390	107	S 58176 – P58177	183	R 53551
26	R 64389	108	R 58178	184	R 53548
27	R 64388	109	R 58179	185	R 53547
28	R 64387	110	S 58196 – S58197	186	R 53546
29	R 58159	110	P 58198 – P58199	187	R 53545
30	R 58160	111	R 44780	188	R 53544
31	R 65870	112	R 53561	189	R 53543
32	R 65871	113	R58195	190	R 53549
33	R 53562	114	R 58194	191	R 53542
34	R 53563	115	R 58193	192	S 44781 – P 44782
35	R 53564	116	R 58192	193	R 44783
36	R 53565	117	R 58191	194	R 44784
37	R 53566	118	R 58190	195	R 44785
38	R 53567	119	R 67081	196	R 53541
39	R 53574	120	R 67080	197	R 64386
40	R 53568	121	R 58150	198	R 64385
41	R 53569	122	R 68234	199	R 44786
42	R 53570	123	R 68233	200	S 44787 – P 44788
43	R 53571	124	R 58141	201	R 44789
44	R 53572	125	R 68232	202	R 64384
45	R 53573	126	R 68231	203	R 64383
46	R 53575	127	R 68230	204	R 64382
47	R 53576	128	R 68229	205	R 64381
48	R 53584	129	R 68246	206	R 64380
49	R 53578	130	R 68247	207	R 64379
50	R 53583	131	R 68248	208	R 64378
51	R 53582	132	R 68249	209	R 64377
52	R 53579	133	R 68250	210	R 68294
53	R 53580	134	R 68268	211	S 68292 – P68293
54	R 53581	135	R 68269	212	R 68295
55	S 65882 – P65883	136	R 68270	213	R 68298
56	R 65881	137	R 68263	214	S 68296 – P68297
57	R 65880	138	R 68264	215	S 68299 – P68300
58	S 65878 – P65879	139	R 68285	216	R 53552
59	R 53587	140	R 68286	217	R 53553
60	S 53585 – P53586	141	R 68287	218	R 53554
61	R 65872	142	R67077	219	R 53555
62	S 65873 – P65874	143	R 67078	220	R 67088
63	R 53588	144	R 67079	221	R 67089
64	S 53589 – P53590	145	S 68238	222	R 67086
65	R 53591	146	S68239 – P68271	223	R 67085
66	R 58158	147	S 68273	224	R 67084
67	R 58157	148	R 68274	225	R 67083
68	R 58156	149	S44757 – P44758	226	R 67082
69	R 58155	150	R 44756	227	R 64371
70	R 58154	151	R 58149	228	R 53556
71	R 44770	152	R 58148	229	R 53557
72	R 44771	153	R 65869	230	R 53558
73	R 44772	154	S64372 – S64373	231	R 53559
74	R 44773	154	P64374 – P64375	232	R 44759
75	R 44774	154	S 65867 – P65868	233	R 44760
76	R 44775	155	R 64376	234	R 44761
77	R 44776	156	R 53536	235	R 53560
78	R 44777	156	R 53537	236	R 44762
79	R 65875	157	R 53538	237	R 44763
80	S 65876 – P65877	158	R 53540	238	R 44764
81	R 44778	158	R 53539	239	R 44765
82	R 44779			240	R 44766
				241	R 44767

NB – R 58155 – etc.= Rock Chip Sample
S 65876 – etc = Stream Sediment Sample
P 53590 – etc = Panned Concentrate Sample

EL Boundary

5 cm

EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT ARTHUR LINEAMENT E.L.22/85

GEOCHEM. HIGHLIGHTS
Zn.

Compiled N F	Date 7-6-'87	Scale 1 40,000
Latitude	Longitude	PLAN NO
Drawn N W D S	File No	A3-523-0029

Original A3 for binding within text
Duplicate A3 for report pockets

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

A3-523-0030

342 000mE
344 000mE
346 000mE
348 000mE
350 000mE
346E
348E
5 386 000mN
5 384 000mN
5 382 000mN
5 380 000mN
5 378 000mN
386 N
385 N
384 N
383 N
382 N
381 N
380 N
Frenchmans Workings
Lucy Creek Workings
WATER RACE
RIVER
PARADISE
OWEN
MEREDITH
PIEMAN
HEEMSKIRK ROAD
REECE DAM
1
2
3
4
5a
5b
6
7

LEGEND

PLAN No.	SAMPLE No.	PLAN No	SAMPLE No	PLAN No	SAMPLE No
1	R 64392	83	R 68211	159	R 68220
2	R 68289	84	R 68212	160	R 68221
3	R 68288	85	R 68213	161	R 68222
4	R 68205	86	R 68214	162	R 68223
5	R 68204	87	R 68215	163	R 68224
6	R 68203	88	R 68216	164	R 68225
7	R 68202	89	R 68217	165	R 68226
8	R 68201	90	R 68218	166	R68280
9	R 58161	91	R 68219	167	R68281
10	R 58165	92	R 68240	168	R 68282
11	S 58167 - P 58166	93	R 68241	169	R 58147
12	R 58180	94	R 68242	170	R 58146
13	S 58183 - P 58182	95	R 68243	171	R 58145
14	R 58181	96	R 68245	172	R 58144
15	S 68275	97	R 68244	173	R 58143
16	R 68275	98	R 58153	174	R 58142
17	R 68279	99	R 58168	175	R 53550
18	S 68277 - P68276	100	R 58169	176	R 67076
19	R 58189	101	S 58171 - P58170	177	R 67075
20	S 68278	102	R 58172	178	R 67072
21	R 58188	103	R58173	179	S 67073
22	R 58185	104	R 58174	180	P 67074
23	S 58187 - P58186	105	R 58151 - R58152	181	R 67071
24	R 64391	106	R 58175	182	R67070
25	R 64390	107	S 58176 - P58177	183	R 53551
26	R 64389	108	R 58178	184	R 53548
27	R 64388	109	R 58179	185	R 53547
28	R 64387	110	S 58196 - S58197	186	R 53546
29	R 58159	110	P 58198 - P58199	187	R 53545
30	R 58160	111	R44780	188	R 53544
31	R 65870	112	R 53561	189	R 53543
32	R 65871	113	R58195	190	R 53549
33	R 53562	114	R58194	191	R 53542
34	R 53563	115	R 58193	192	S44781 - P44782
35	R 53564	116	R 58192	193	R 44783
36	R 53565	117	R 58191	194	R 44784
37	R 53566	118	R 58190	195	R 44785
38	R 53567	119	R67081	196	R 53541
39	R 53574	120	R67080	197	R64386
40	R 53568	121	R58150	198	R 64385
41	R 53569	122	R68234	199	R 44786
42	R 53570	123	R 68233	200	S44787 - P44788
43	R 53571	124	R 58141	201	R 44789
44	R 53572	125	R 68232	202	R64384
45	R 53573	126	R 68231	203	R 64383
46	R 53575	127	R 68230	204	R 64382
47	R 53576	128	R 68229	205	R 64381
48	R 53584	129	R 68246	206	R 64380
49	R 53578	130	R 68247	207	R 64379
50	R 53583	131	R 68248	208	R 64378
51	R 53582	132	R 68249	209	R 64377
52	R 53579	133	R 68250	210	R 68294
53	R 53580	134	R 68268	211	S68292 - P68293
54	R 53581	135	R 68269	212	R 68295
55	S 65882 - P65883	136	R 68270	213	R 68298
56	R 65881	137	R 68283	214	S68296 - P68297
57	R 65880	138	R 68284	215	S68299 - P68300
58	S 65878 - P65879	139	R 68285	216	R 53552
59	R 53587	140	R 68286	217	R 53553,
60	S 53585 - P53586	141	R 68287	218	R 53554
61	R 65872	142	R67077	219	R 53555
62	S 65873 - P65874	143	R 67078	220	R 67088
63	R 53588	144	R 67079	221	R 67089
64	S 53589 - P53590	145	S 68238	222	R 67086
65	R 53591	146	S68239 - P68271	223	R 67085
66	R 58158	147	S 68273	224	R 67084
67	R 58157	148	R 68274	225	R 67083
68	R 58156	149	S44757 - P44758	226	R 67082
69	R 58155	150	R 44756	227	R64371
70	R 58154	151	R58149	228	R 53556
71	R 44770	152	R58148	229	R 53557
72	R 44771	153	R65869	230	R 53558
73	R 44772	154	S64372 - S64373	231	R 53559
74	R 44773	154	P64374 - P64375	232	R 44759
75	R 44774	154	S65867 - P65868	233	R 44760
76	R 44775	155	R64376	234	R 44761
77	R 44776	156	R53536	235	R 53560
78	R 44777	156	R53537	236	R 44762
79	R 65875	157	R53538	237	R 44763
80	S65876 - P65877	158	R53540	238	R 44764
81	R 44778	158	R53539	239	R 44765
82	R 44779			240	R 44766
				241	R 44767

NB - R58155 - etc.= Rock Chip Sample
S 65876 - etc = Stream Sediment Sample.
P 53590 - etc. = Panned Concentrate Sample.

E.L Boundary

5 cm

1 250000 SHEET

SCALE
0 800 1600 2400 3200
metres

EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT ARTHUR LINEAMENT E.L.22/85

GEOCHEM. HIGHLIGHTS
Cu.

Compiled N F	Date 7-6-87	Scale 1 40,000
Latitude	Longitude	PLAN NO
Drawn N W D.S	File No	A3-523-0030

Trimline A3 for binding within text

Trimline A3 for report pockets

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

A3-523-0031

342 000mE
344 000mE
346 000mE
346E
348 000mE
348E
350 000mE

5 386 000mN
5 384 000mN
5 382 000mN
5 380 000mN
5 378 000mN

386 N
385 N
384 N
383 N
382 N
381 N
380 N

Frenchmans Workings
Lucy Creek Workings
WATER RACE
RIVER
PARADISE
OWEN
MEREDITH
PIEMAH
HEEMSKIRK ROAD
REECE DAM

LEGEND

PLAN No.	SAMPLE No	PLAN No	SAMPLE No	PLAN No	SAMPLE No
1	R 64392	83	R 68211	159	R 68220
2	R 68289	84	R 68212	160	R 68221
3	R 68288	85	R 68213	161	R 68222
4	R 68205	86	R 68214	162	R 68223
5	R 68204	87	R 68215	163	R 68224
6	R 68203	88	R 68216	164	R 68225
7	R 68202	89	R 68217	165	R 68226
8	R 68201	90	R 68218	166	R68280
9	R 58161	91	R 68219	167	R68281
10	R 58165	92	R 68240	168	R68282
11	S 58167 - P 58166	93	R 68241	169	R 58147
12	R 58180	94	R 68242	170	R 58146
13	S 58183 - P 58182	95	R 68243	171	R58145
14	R 58181	96	R 68245	172	R 58144
15	S 68275	97	R 68244	173	R 58143
16	R 68275	98	R 58153	174	R 58142
17	R 68279	99	R 58168	175	R 53550
18	S 68277 - P68276	100	R 58169	176	R 67076
19	R 58189	101	S 58171 - P58170	177	R 67075
20	S 68278	102	R 58172	178	R 67072
21	R 58188	103	R58173	179	S 67073
22	R 58185	104	R 58174	180	P 67074
23	S 58187 - P58186	105	R 58151 - R58152	181	R 67071
24	R 64391	106	R 58175	182	R 67070
25	R 64390	107	S 58176 - P58177	183	R 53551
26	R 64389	108	R58178	184	R 53548
27	R 64388	109	R 58179	185	R 53547
28	R 64387	110	S 58196 - S58197	186	R 53546
29	R 58159	110	P58198 - P58199	187	R 53545
30	R 58160	111	R44780	188	R 53544
31	R 65870	112	R53561	189	R53543
32	R 65871	113	R58195	190	R 53549
33	R 53562	114	R58194	191	R 53542
34	R 53563	115	R58193	192	S44781 - P44782
35	R 53564	116	R 58192	193	R 44783
36	R 53565	117	R 58191	194	R 44784
37	R 53566	118	R 58190	195	R 44785
38	R 53567	119	R 67081	196	R 53541
39	R 53574	120	R 67080	197	R 64386
40	R 53568	121	R 58150	198	R 64385
41	R 53569	122	R 68234	199	R 44786
42	R 53570	123	R 68233	200	S 44787 - P44788
43	R 53571	124	R 58141	201	R 44789
44	R 53572	125	R 68232	202	R 64384
45	R 53573	126	R 68231	203	R 64383
46	R 53575	127	R 68230	204	R 64382
47	R 53576	128	R 68229	205	R 64381
48	R 53584	129	R 68246	206	R 64380
49	R 53578	130	R 68247	207	R 64379
50	R 53583	131	R 68248	208	R 64378
51	R 53582	132	R 68249	209	R 64377
52	R 53579	133	R 68250	210	R 68294
53	R 53580	134	R 68268	211	S 68292 - P68293
54	R 53581	135	R 68269	212	R 68295
55	S 65882 - P65883	136	R 68270	213	R 68298
56	R 65881	137	R 68283	214	S 68296 - P68297
57	R 65880	138	R 68284	215	S 68299 - P68300
58	S 65878 - P65879	139	R 68285	216	R 53552
59	R 53587	140	R 68286	217	R 53553
60	S 53585 - P53586	141	R 68287	218	R 53554
61	R 65872	142	R67077	219	R 53555
62	S 65873 - P65874	143	R 67078	220	R 67088
63	R 53588	144	R 67079	221	R 67089
64	S 53589 - P53590	145	S 68238	222	R 67086
65	R 53591	146	S68239 - P68271	223	R 67085
66	R 58158	147	S 68273	224	R 67084
67	R 58157	148	R 68274	225	R67083
68	R 58156	149	S44757 - P44758	226	R 67082
69	R 58155	150	R 44756	227	R 64371
70	R 58154	151	R 58149	228	R 53556
71	R 44770	152	R 58148	229	R 53557
72	R 44771	153	R 65869	230	R 53558
73	R 44772	154	S64372 - S64373	231	R 53559
74	R 44773	154	P64374 - P64375	232	R 44759
75	R 44774	154	S 65867 - P65868	233	R 44760
76	R 44775	155	R64376	234	R 44761
77	R 44776	156	R 53536	235	R 53560
78	R 44777	156	R 53537	236	R 44762
79	R 65875	157	R 53538	237	R 44763
80	S 65876 - P65877	158	R 53540	238	R 44764
81	R 44778	158	R 53539	239	R 44765
82	R 44779			240	R 44766
				241	R 44767

N.B - R 58155 - etc = Rock Chip Sample.
S 65876 - etc. = Stream Sediment Sample.
P 53590 - etc = Panned Concentrate Sample.

E.L Boundary

5 cm

1:250000 SHEET

N

SCALE
0 800 1600 2400 3200
metres

EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT ARTHUR LINEAMENT E.L.22/85

GEOCHEM. HIGHLIGHTS
Pb

Compiled N F	Date 7-6-'87	Scale 1:40,000
Latitude	Longitude	PLAN NO A3-523-0031
Drawn N W D S	File No	

Trimline A3 for binding within text

Trimline A3 for report packets

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

A3-523-0032

342 000mE
344 000mE
346 000mE
348 000mE
350 000mE

346E
348E

5 386 000mN
5 384 000mN
5 382 000mN
5 380 000mN
5 378 000mN

386 N
385 N
384 N
383 N
382 N
381 N
380 N

X 164
0·32
2 08
20·2°
0·050

Frenchmans Workings
Lucy Creek Workings
WATER RACE
WATER
RIVER
PARADISE
OWEN
MEREDITH
PIEMAN
HEEMSKIRK ROAD
REECE DAM

LEGEND

PLAN No.	SAMPLE No	PLAN No	SAMPLE No	PLAN No	SAMPLE No
1	R 64392	83	R 68211	159	R 68220
2	R 68289	84	R 68212	160	R 68221
3	R 68288	85	R 68213	161	R 68222
4	R 68205	86	R 68214	162	R 68223
5	R 68204	87	R 68215	163	R 68224
6	R 68203	88	R 68216	164	R 68225
7	R 68202	89	R 68217	165	R 68226
8	R 68201	90	R 68218	166	R 68280
9	R 58161	91	R 68219	167	R68281
10	R 58165	92	R 68240	168	R68282
11	S 58167 – P 58166	93	R 68241	169	R 58147
12	R 58180	94	R 68242	170	R 58146
13	S 58183 – P 58182	95	R 68243	171	R 58145
14	R 58181	96	R 68245	172	R 58144
15	S 68275	97	R 68244	173	R 58143
16	R 68275	98	R 58153	174	R 58142
17	R 68279	99	R 58168	175	R 53550
18	S 68277 – P68276	100	R 58169	176	R 67076
19	R 58189	101	S 58171 – P58170	177	R 67075
20	S 68278	102	R 58172	178	R 67072
21	R 58188	103	R58173	179	S 67073
22	R 58185	104	R 58174	180	P 67074
23	S 58187 – P58186	105	R 58151 – R58152	181	R 67071
24	R 64391	106	R 58175	182	R67070
25	R 64390	107	S 58176 – P58177	183	R 53551
26	R 64389	108	R 58178	184	R 53548
27	R 64388	109	R 58179	185	R 53547
28	R 64387	110	S 58196 – S58197	186	R 53546
29	R 58159	110	P 58198 – P58199	187	R 53545
30	R 58160	111	R44780	188	R 53544
31	R 65870	112	R53561	189	R 53543
32	R 65871	113	R58195	190	R 53549
33	R 53562	114	R58194	191	R 53542
34	R 53563	115	R 58193	192	S44781 – P44782
35	R 53564	116	R 58192	193	R 44783
36	R 53565	117	R 58191	194	R 44784
37	R 53566	118	R 58190	195	R 44785
38	R 53567	119	R 67081	196	R 53541
39	R 53574	120	R 67080	197	R 64386
40	R 53568	121	R 58150	198	R 64385
41	R 53569	122	R 68234	199	R 44786
42	R 53570	123	R 68233	200	S44787 – P44788
43	R 53571	124	R 58141	201	R 44789
44	R 53572	125	R 68232	202	R 64384
45	R 53573	126	R 68231	203	R 64383
46	R 53575	127	R 68230	204	R 64382
47	R 53576	128	R 68229	205	R 64381
48	R 53584	129	R 68246	206	R 64380
49	R 53578	130	R 68247	207	R 64379
50	R 53583	131	R 68248	208	R 64378
51	R 53582	132	R 68249	209	R 64377
52	R 53579	133	R 68250	210	R 68294
53	R 53580	134	R 68268	211	S 68292 – P68293
54	R 53581	135	R 68269	212	R 68295
55	S 65882 – P65883	136	R 68270	213	R 68298
56	R 65881	137	R 68283	214	S 68296 – P68297
57	R 65880	138	R 68284	215	S 68299 – P68300
58	S 65878 – P65879	139	R 68285	216	R 53552
59	R 53587	140	R 68286	217	R 53553
60	S 53585 – P53586	141	R 68287	218	R 53554
61	R 65872	142	R67077	219	R 53555
62	S 65873 – P65874	143	R 67078	220	R 67088
63	R 53588	144	R 67079	221	R 67089
64	S 53589 – P53590	145	S 68238	222	R 67086
65	R 53591	146	S68239 – P68271	223	R 67085
66	R 58158	147	S 68273	224	R 67084
67	R 58157	148	R 68274	225	R 67083
68	R 58156	149	S44757 – P44758	226	R 67082
69	R 58155	150	R 44756	227	R 64371
70	R 58154	151	R 58149	228	R 53556
71	R 44770	152	R 58148	229	R 53557
72	R 44771	153	R 65869	230	R 53558
73	R 44772	154	S64372 – S64373	231	R 53559
74	R 44773	154	P64374 – P64375	232	R 44759
75	R 44774	154	S 65867 – P65868	233	R 44760
76	R 44775	155	R 64376	234	R 44761
77	R 44776	156	R 53536	235	R 53560
78	R 44777	156	R 53537	236	R 44762
79	R 65875	157	R 53538	237	R 44763
80	S 65876 – P65877	158	R 53540	238	R 44764
81	R 44778	158	R 53539	239	R 44765
82	R 44779			240	R 44766
				241	R 44767

NB – R 58155 – etc.= Rock Chip Sample
S 65876 – etc = Stream Sediment Sample.
P 53590 – etc. = Panned Concentrate Sample

EL Boundary

5 cm

1 250000 SHEET

SCALE
0 800 1600 2400 3200
metres

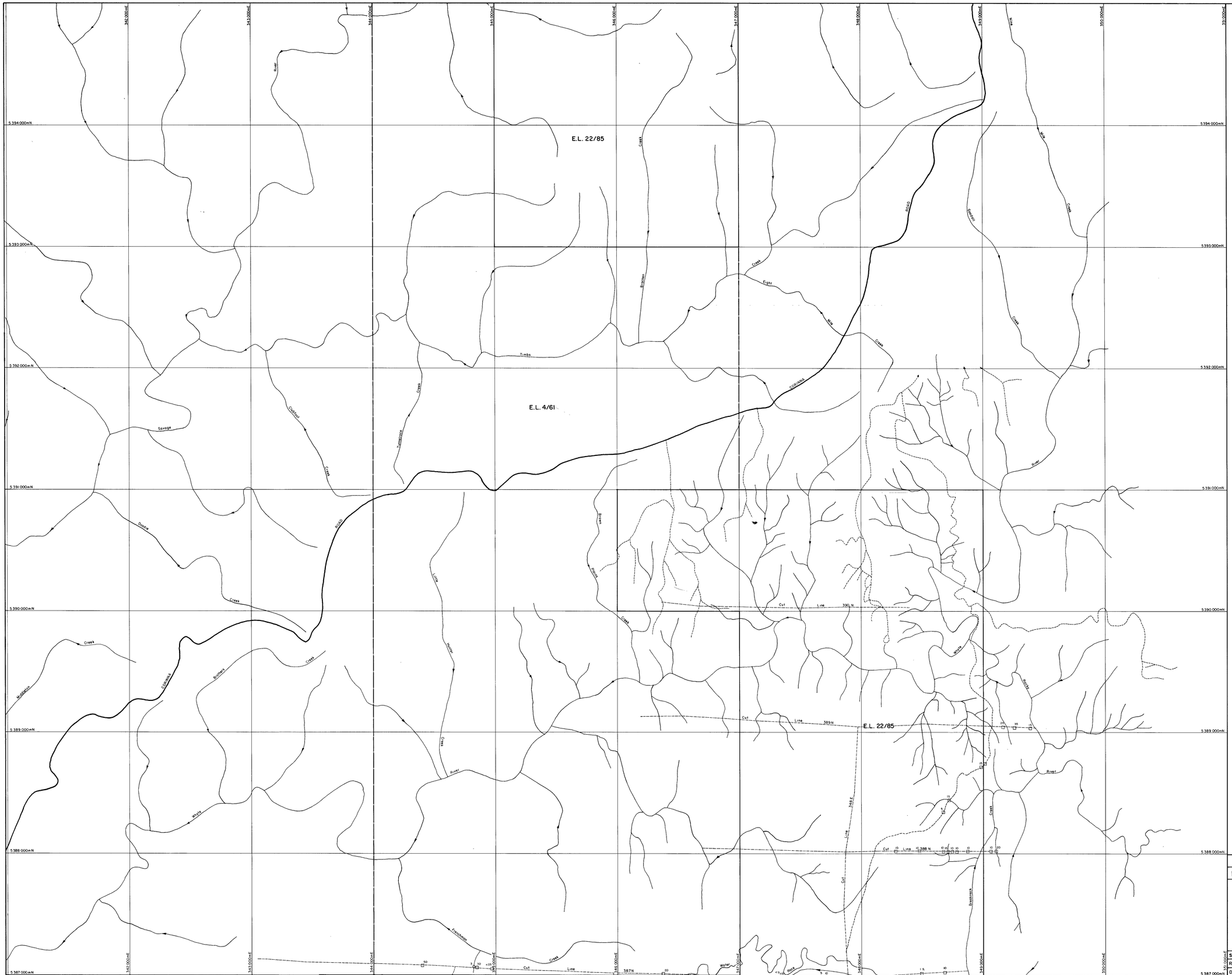
EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT ARTHUR LINEAMENT E.L.22/85

GEOCHEM. HIGHLIGHTS
Au.

Compiled N F	Date 7-6-87	Scale 1 40,000
Latitude	Longitude	PLAN NO
Drawn N W D S	File No	A3-523-0032

Outline A3 for binding within text
Outline A3 for report pockets



□ ROCK CHIP SAMPLE.

○ STREAM SEDIMENT SAMPLE.

I.S = Insufficient Sample.

N.B.- All results are ppm.

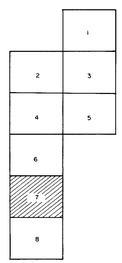


Fig. 5

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

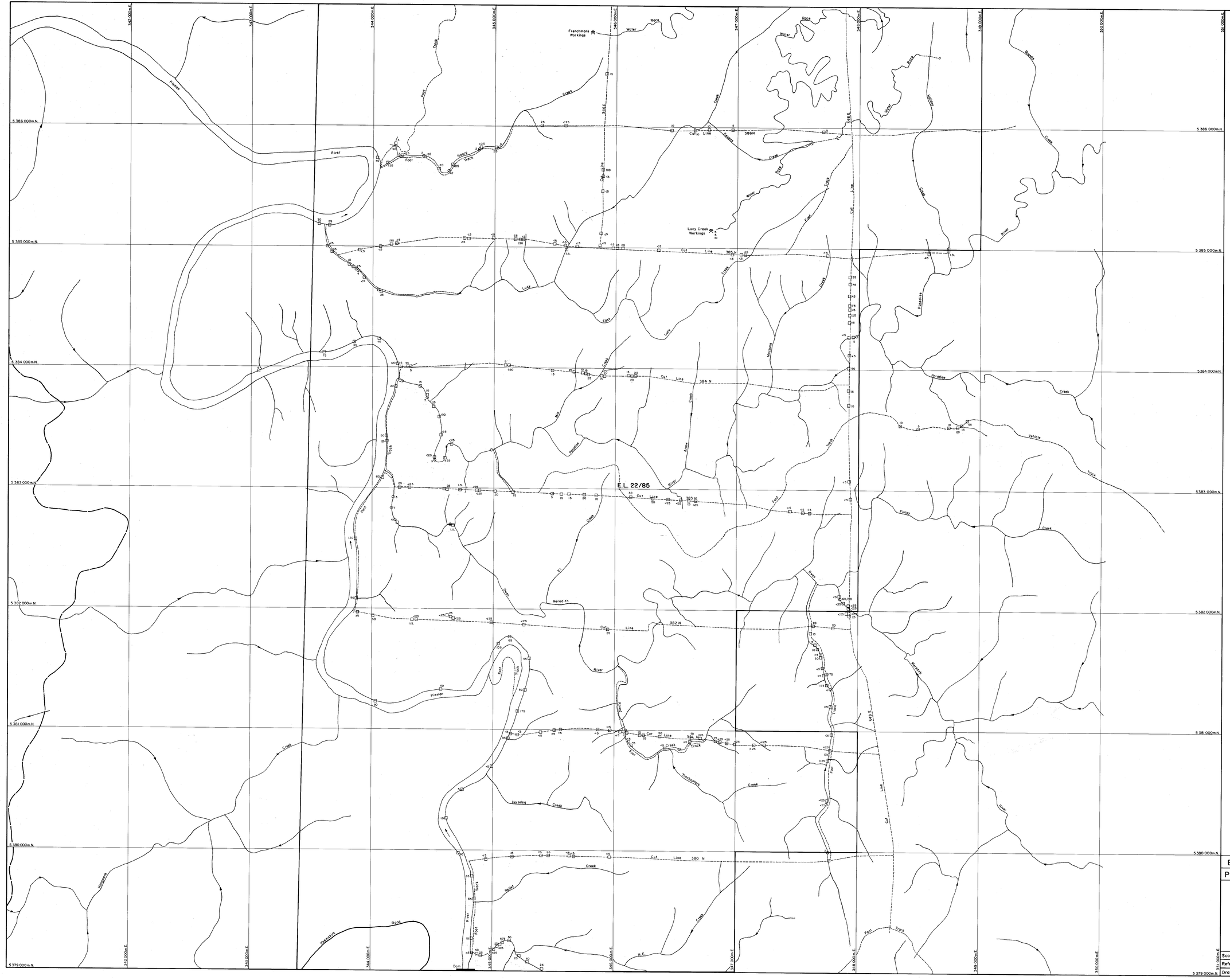
5 cm

GEOCHEMISTRY

Pb

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 17-9-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	A0-523-0037

TCR 94-3619
EL 4/61, 22/85
E.Z. CO. GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



□ ROCK CHIP SAMPLE.

○ STREAM SEDIMENT SAMPLE.

I.S.= Insufficient Sample.

N.B.- All results are ppm.

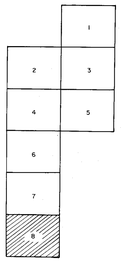


Fig. 6

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

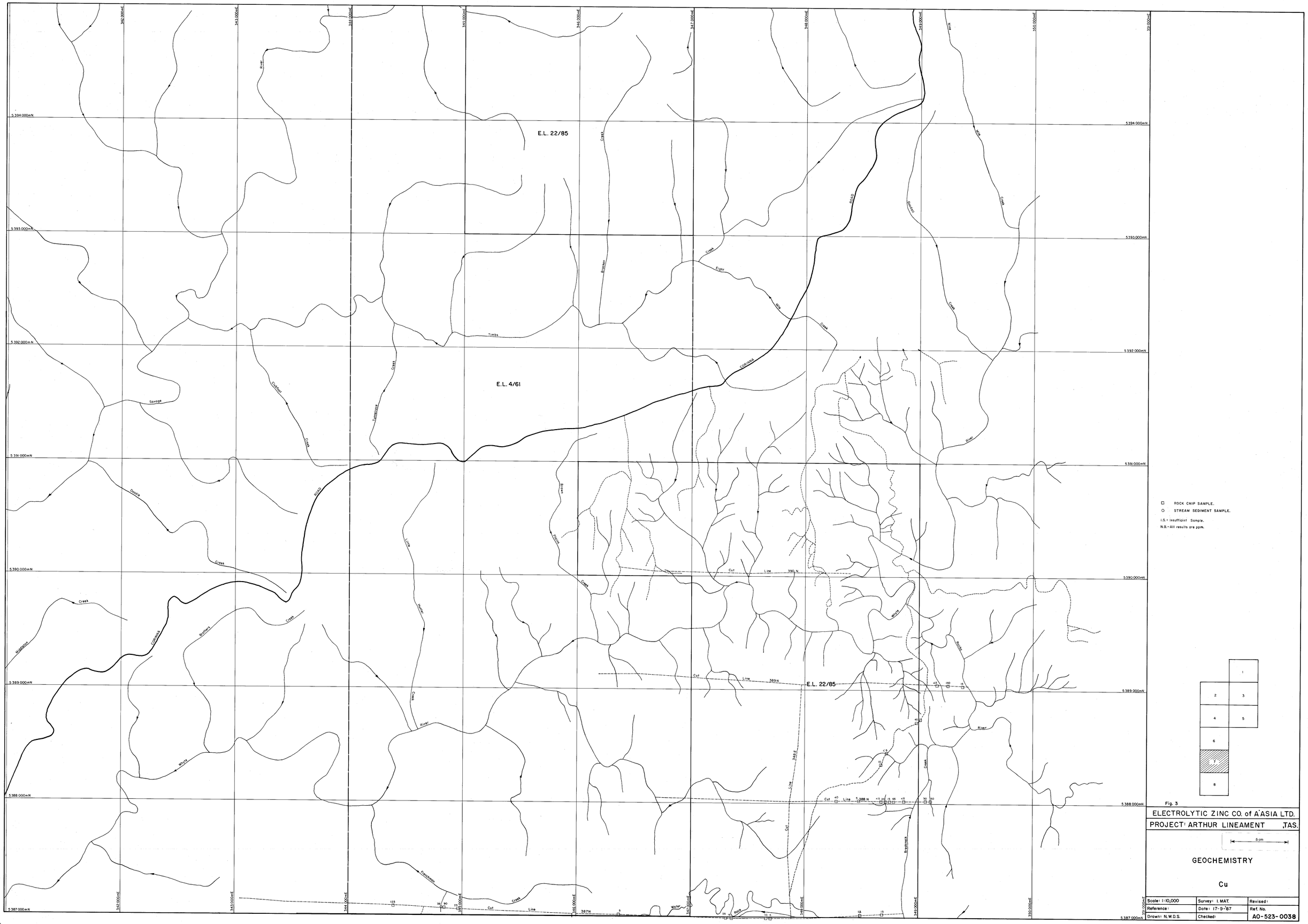
5 cm

GEOCHEMISTRY

Pb

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 17-9-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	A0-523-0041

TCR 94-3619
EL 4/61, 22/85
E.Z. CO. GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



□ ROCK CHIP SAMPLE.
○ STREAM SEDIMENT SAMPLE.
I.S. = Insufficient Sample.
N.B.- All results are ppm.

Fig. 3

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

5 cm

GEOCHEMISTRY

Cu

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 17-9-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	AO-523-0038

TCR 94-3619
EL 4/61, 22/85
E.Z. CO. GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

E.L. 22/85
EL 4/81, 22/85
ELECTROLYTIC ZINC CO. OF AUSTRALASIA LTD.
SAVAGE RIVER - ARTHUR LINEAMENT
BATTYS BEND

TCR 94-1619

342 000m.E. 343 000m.E. 344 000m.E. 345 000m.E. 346 000m.E. 347 000m.E. 348 000m.E. 349 000m.E. 350 000m.E. 351 000m.E.

5 386 000m.N.
5 385 000m.N.
5 384 000m.N.
5 383 000m.N.
5 382 000m.N.
5 381 000m.N.
5 380 000m.N.
5 379 000m.N.

Frenchmons Workings
Lucy Creek Workings
Cut Line
386N
385 N
384 N
383 N
382 N
380 N
345 E
346 E
348 E
N.E.
Dom
Meredith
Pragoon
Woodcock
Hercules
Vehicle
Finlay
Parodise
Trackwalker
Horseleg
Ironbound
Stony
Rocky
Swampy
Jumbo
Foot Track
Track
Creek
River
Water Race
Cutting
Spring
Gully
Ridge
Flat
Hill
Plain
Road
Tramway
Old Workings
Shaft
Adit
Trench
Dam
Hut
Yard
Power Line
Fence
Bridge
Ford
Cliff
Scrub
Forest
Cleared Area
Contour
Spot Height
Boundary
Lease Boundary
Claim Boundary
Grid Line
Datum Point
Trig. Station
Bench Mark
Survey Peg
Survey Line
Traverse Line
Photo Point
Photo Line
Photo Number
Photo Centre
Photo Index
Photo Mosaic
Photo Overlay
Photo Scale
Photo Date
Photo Flight
Photo Strip
Photo Block
Photo Control
Photo Tie
Photo Match
Photo Edge
Photo Corner
Photo Centre
Photo Index
Photo Mosaic
Photo Overlay
Photo Scale
Photo Date
Photo Flight
Photo Strip
Photo Block
Photo Control
Photo Tie
Photo Match
Photo Edge
Photo Corner

□ ROCK CHIP SAMPLE.
○ STREAM SEDIMENT SAMPLE.

I.S. = Insufficient Sample.
N.B.–All results are ppm.

1
2 3
4 5
6
7
8

Fig. 4

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

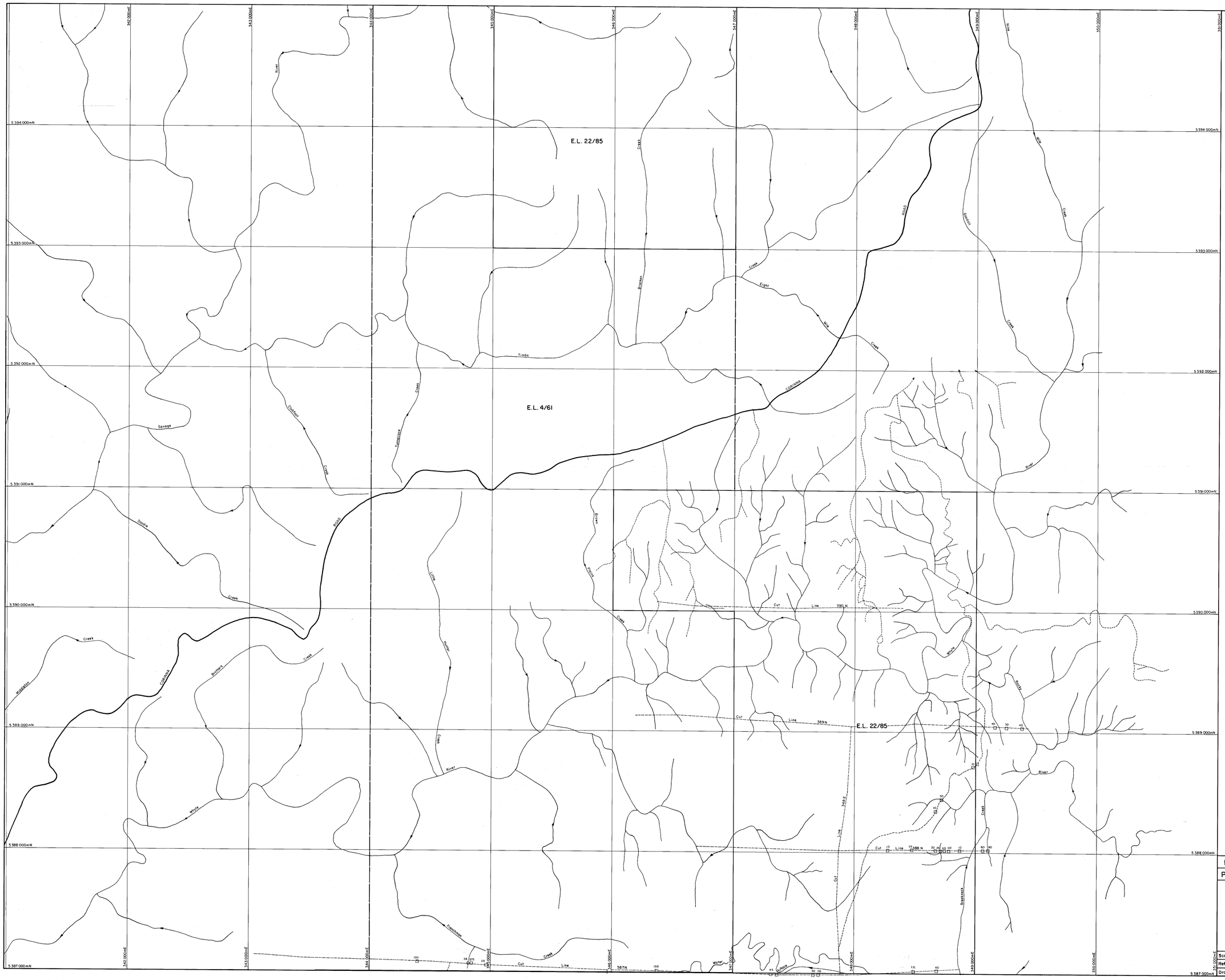
PROJECT: ARTHUR LINEAMENT ,TAS.

5 cm

GEOCHEMISTRY

Cu

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 17-9-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	AO-523-0042



□ ROCK CHIP SAMPLE.

○ STREAM SEDIMENT SAMPLE.

I.S.= Insufficient Sample.

N.B.– All results are ppm.

	1	
2		3
4		5
6		
	7	
	8	

Fig. 7

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

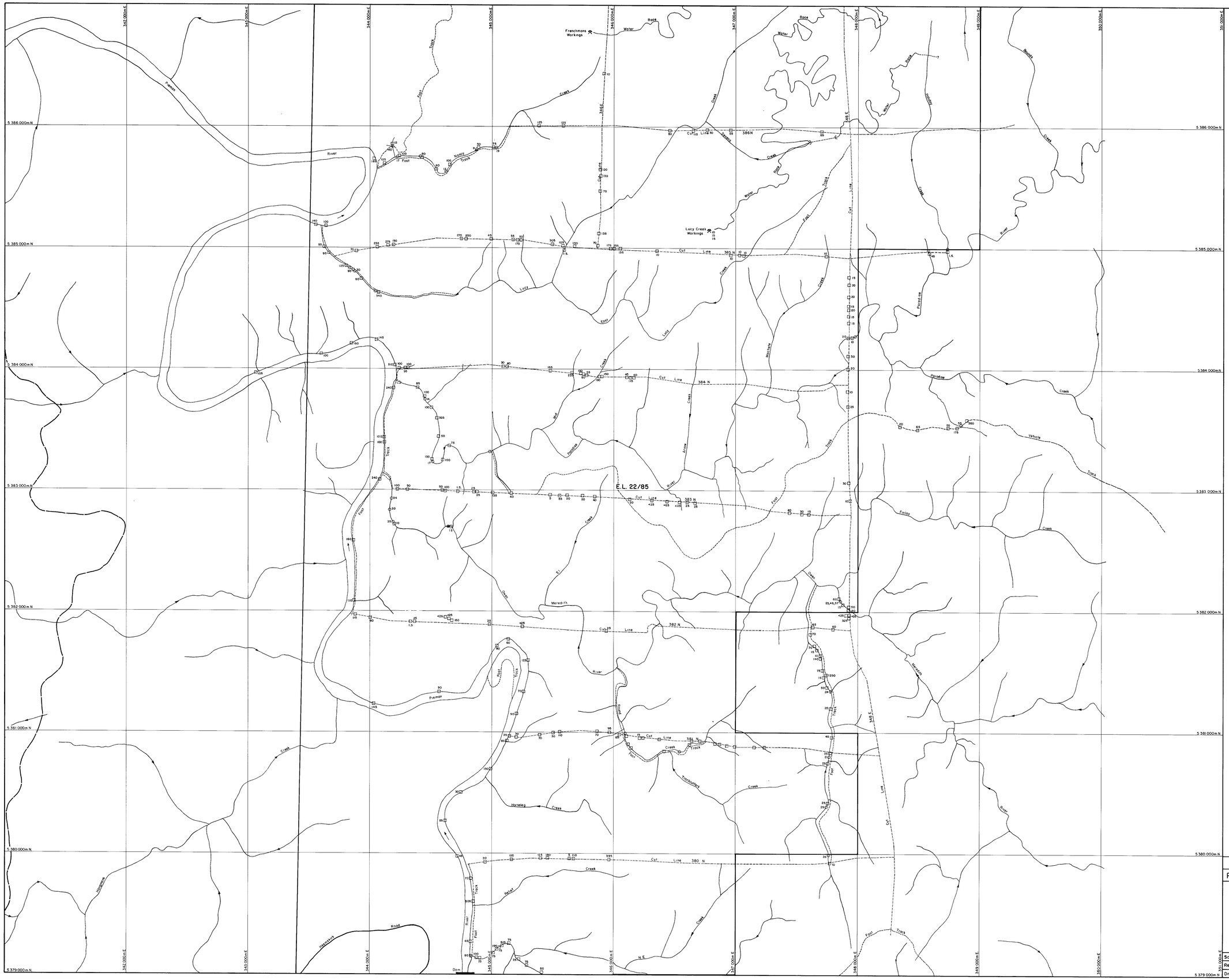
5 cm

GEOCHEMISTRY

Zn

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 17-9-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	AO-523-0039

TCN 94-36619
4/61, 22/85
E.Z. CO. GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



□ ROCK CHIP SAMPLE.

○ STREAM SEDIMENT SAMPLE.

I.S = Insufficient Sample.

N.B.- All results are ppm.

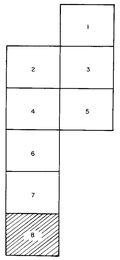


Fig. 8

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

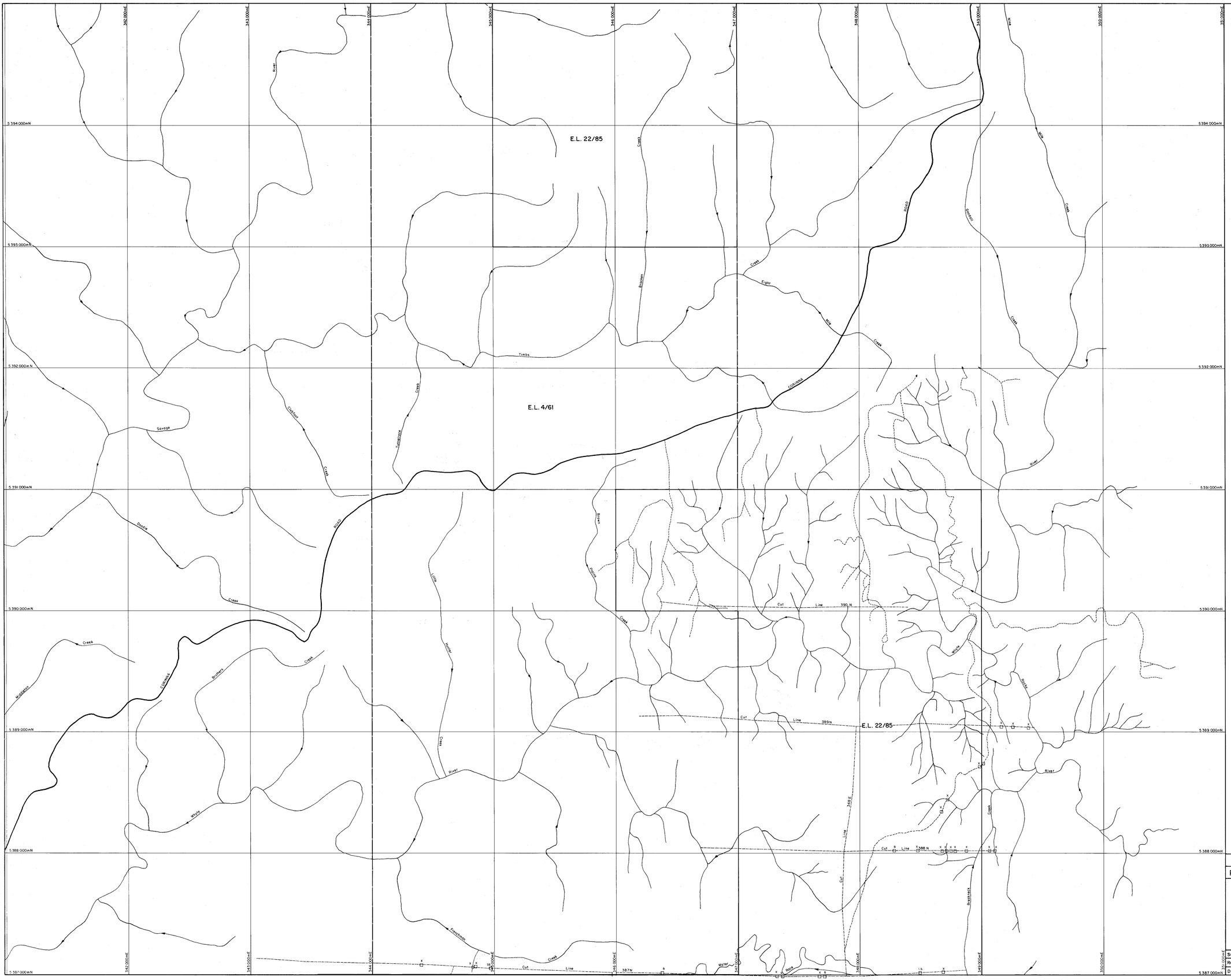
5 cm

GEOCHEMISTRY

Zn

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 17-9-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	AO-523-0043

TCR 94-3619
EL 4/61, 22/85
E.Z. CO. GROPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



□ ROCK CHIP SAMPLE.

○ STREAM SEDIMENT SAMPLE.

I.S.= Insufficient Sample.

X= Less than 8 ppb.

N.B.- All results are ppb.

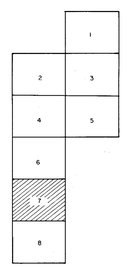


Fig. 9

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

5 cm

GEOCHEMISTRY

Au

Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 17-9-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	A0-523-0040

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



□ ROCK CHIP SAMPLE.

○ STREAM SEDIMENT SAMPLE.

X = <8p.p.b.

I.S = Insufficient Sample.

N.B - All results are ppb.

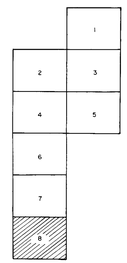


Fig. 10

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

PROJECT: ARTHUR LINEAMENT ,TAS.

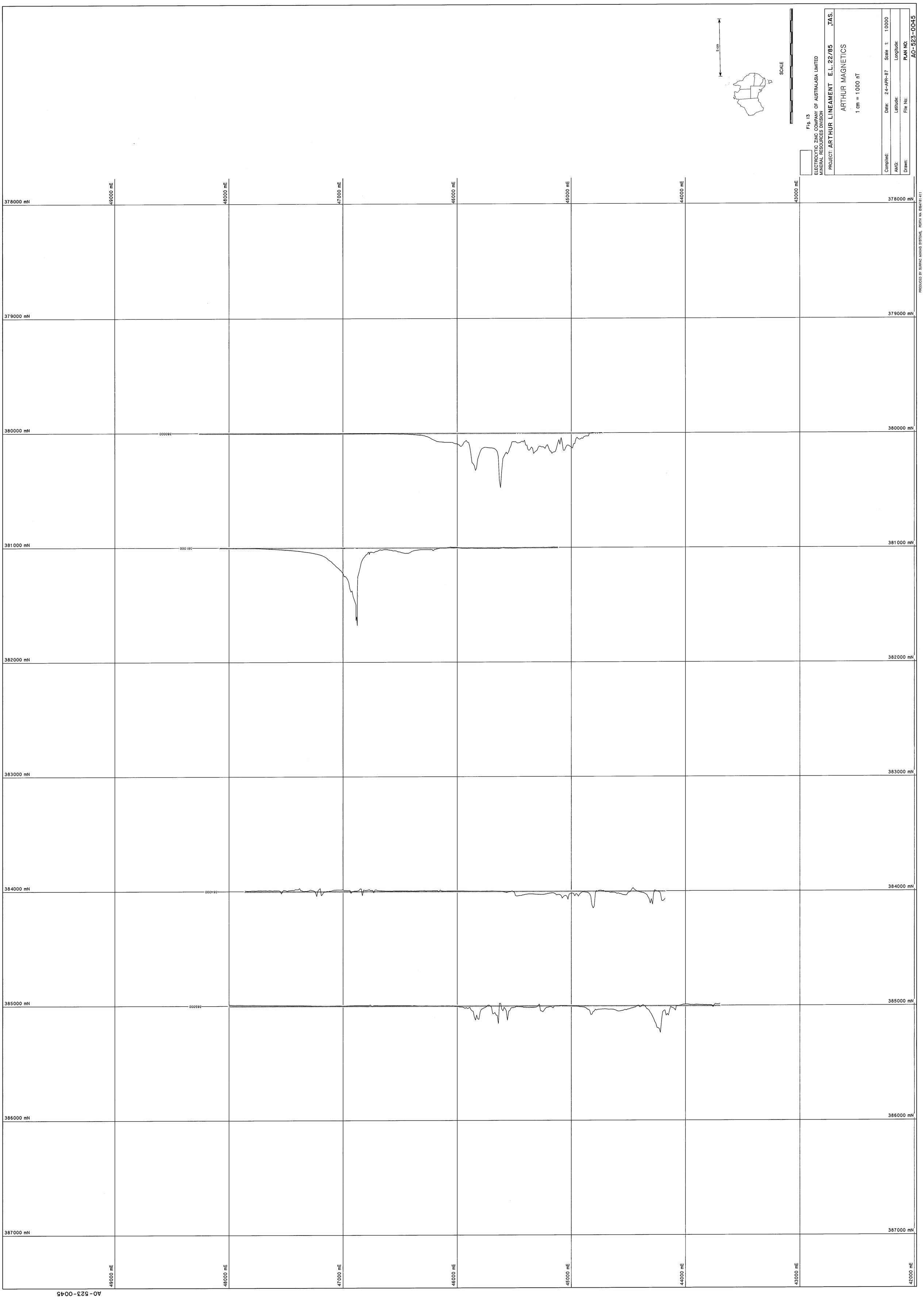
5 cm

GEOCHEMISTRY

Au

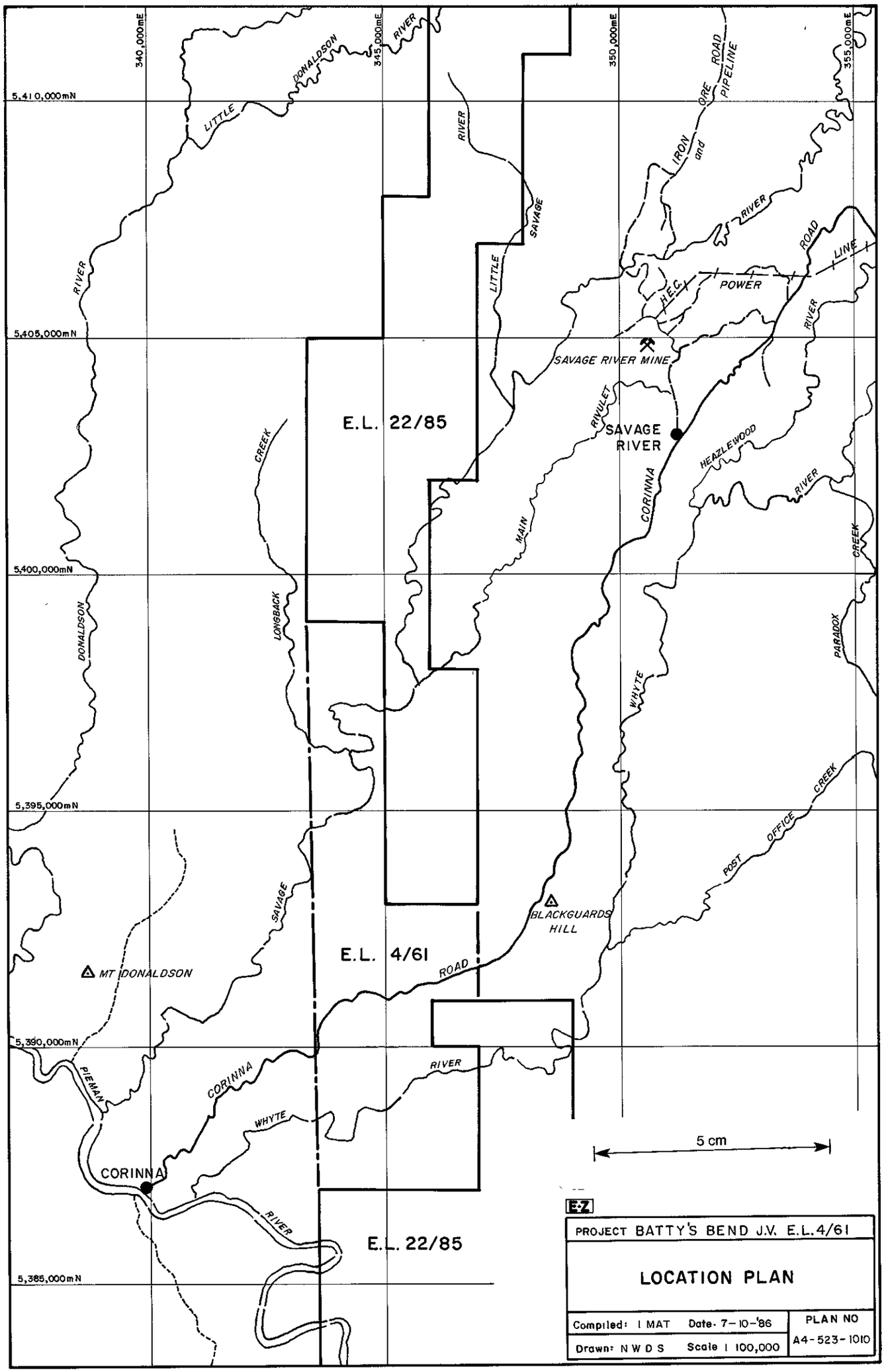
Scale: 1:10,000	Survey: I. MAT.	Revised:
Reference:	Date: 17-9-'87	Ref. No.
Drawn: N.W.D.S.	Checked:	A0-523-0044

TCR 94-3619
EL 4/61, 2/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



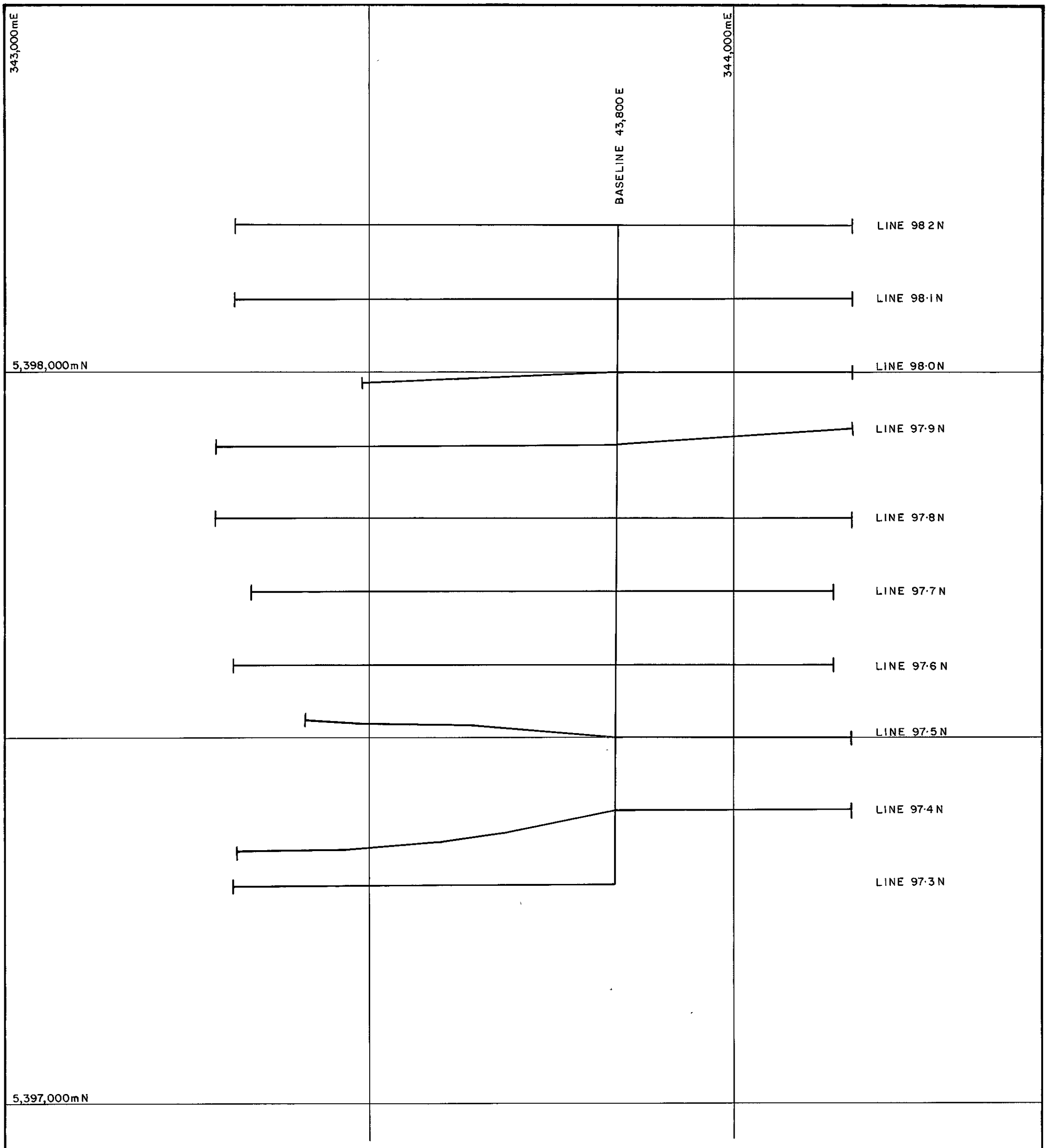
TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND



TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimline A3 for report pockets



LEGEND

- • Wacker Sample Point, Bedrock Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached
  Some uncertainty about Nature of Sample.
- •_ Bedrock Possibly Not Reached.

5 cm

SCALE
0 100 200 300 400m

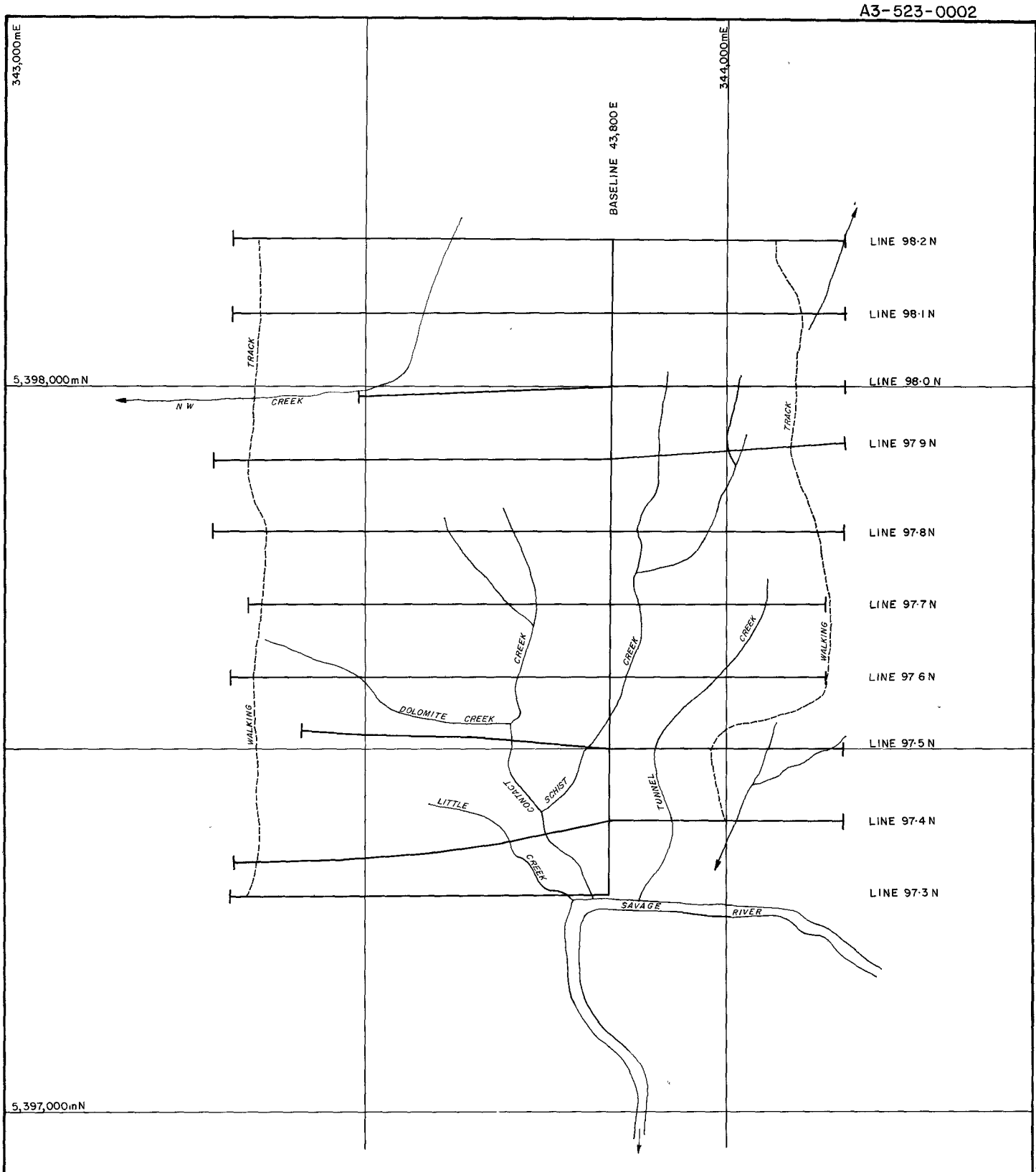
EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

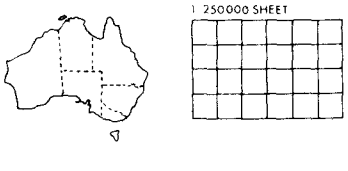
PROJECT **BATTY'S BEND J.V. E.L. 4/61**		
Compiled I McD	Date	Scale 1:5000
Latitude	Longitude	PLAN NO
Drawn R.J.R.	File No	

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimline A3 for report packets

A3-523-0002





5 cm

SCALE
0 100 200 300 400m

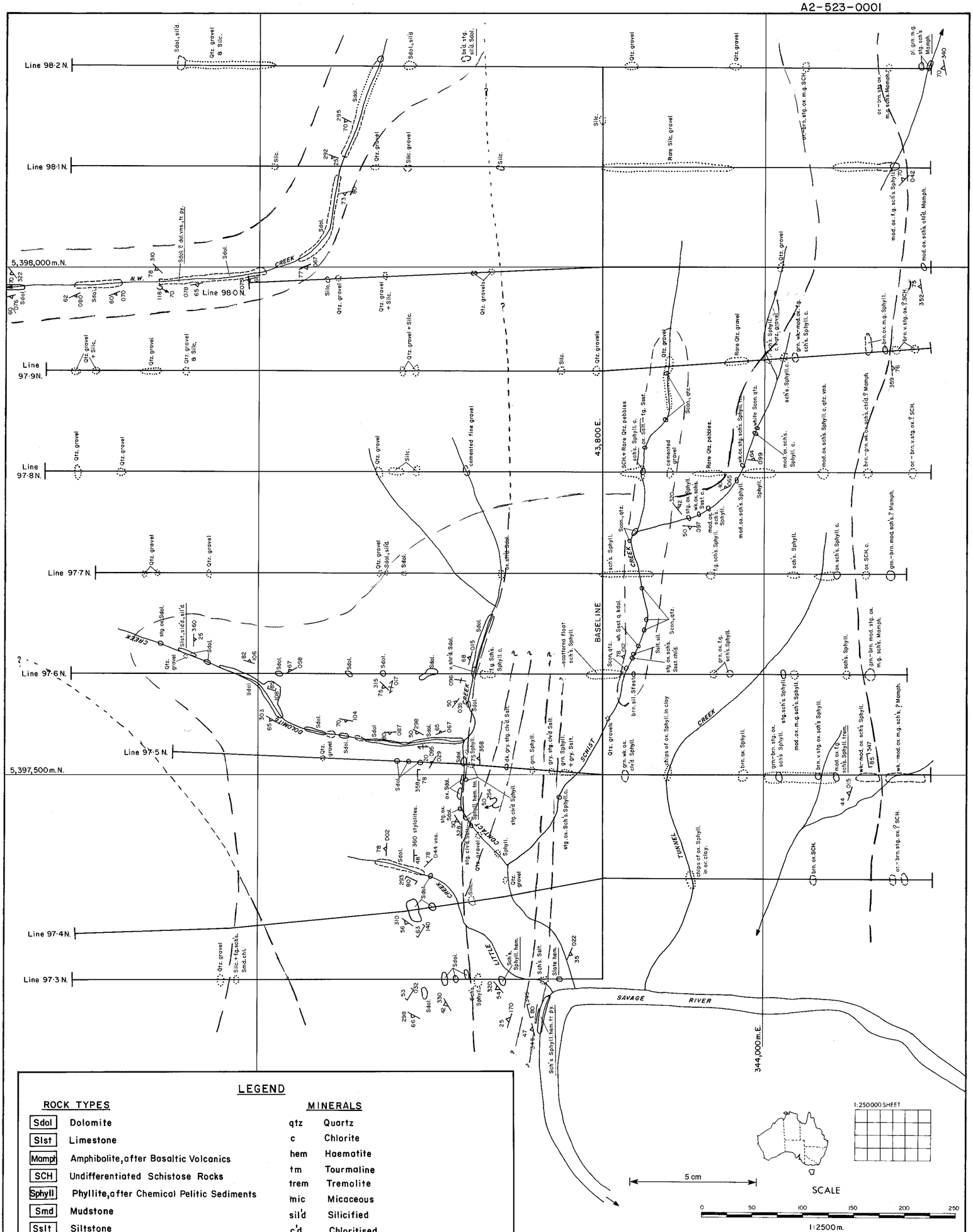
EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT BATTY'S BEND J.V. E.L. 4/61		
GRID LINES		
Compiled I. Mc D	Date 2-4-86	Scale 1:5000
Latitude	Longitude	PLAN NO
Drawn R. J. R.	File No	

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimline A2 for reports

A2-523-0001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Line 98·1 N.
Line 98·0 N.
Line 97·9 N.
Line 97·8 N.
Line 97·7 N.
Line 97·6 N.
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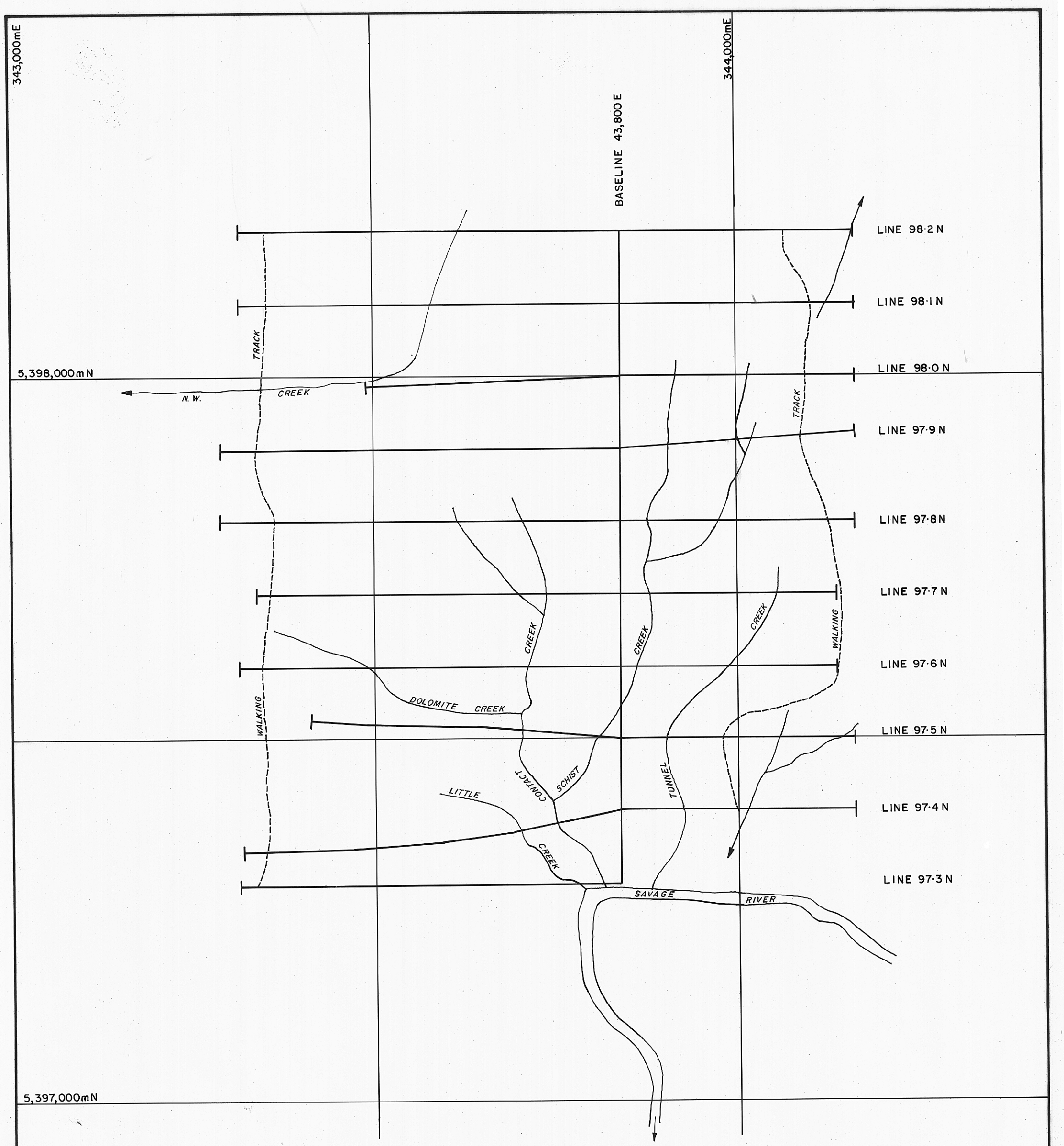
Line 97·4 N.
Line 97·3 N.
5,398,000 m.N.
5,397,500 m.N.
43,800 E.
BASELINE
344,000 m.E.
SAVAGE RIVER
N.W. CREEK
DOLOMITE CREEK
CONTACT CREEK
LITTLE CREEK
TUNNEL CREEK
SCHIST
Sdol, silic.
Qtz. gravel & Silc.
Qtz. gravel
Silc.
Rare Silc. gravel
Qtz. gravels
Qtz. gravel + Silc.
Sdol. ± qtz. silic. Sdol.
Sdol. ± dol. vns. ± tr. fgr.
Sdol. silic.
Sdol. v. hard
cemented fine gravel
Scon. qtz.
Rare Qtz. pebbles
Sch's + Rare Qtz. pebbles
cemented gravel
Sch's. Sphyll.
Sphyll.
mod. ox. sch's. Sphyll. c.
mod. ox. sch's. Sphyll. c. qtz. vns.
brn.-grn. wk. ox. sch's. chl'd. ? Mamph.
ox.- brn. v. stg. ox. ? SCH.
grn. ox. m.g. Sphyll.
grn. wk.-mod. ox. f.g. sch's. Sphyll. c.
Qtz. Sphyll. c. qtz. gravel
Rare Qtz. gravel
Sdol. ± stg. ox.
Sdol. ± dol. vns. ± tr. fgr.
Sdol. ± qtz. vns.
Sdol. ± stg. ox. ± dol. vns

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

48

Trimline A3 for report pockets.



1: 250000 SHEET

5 cm

SCALE
0 100 200 300 400m

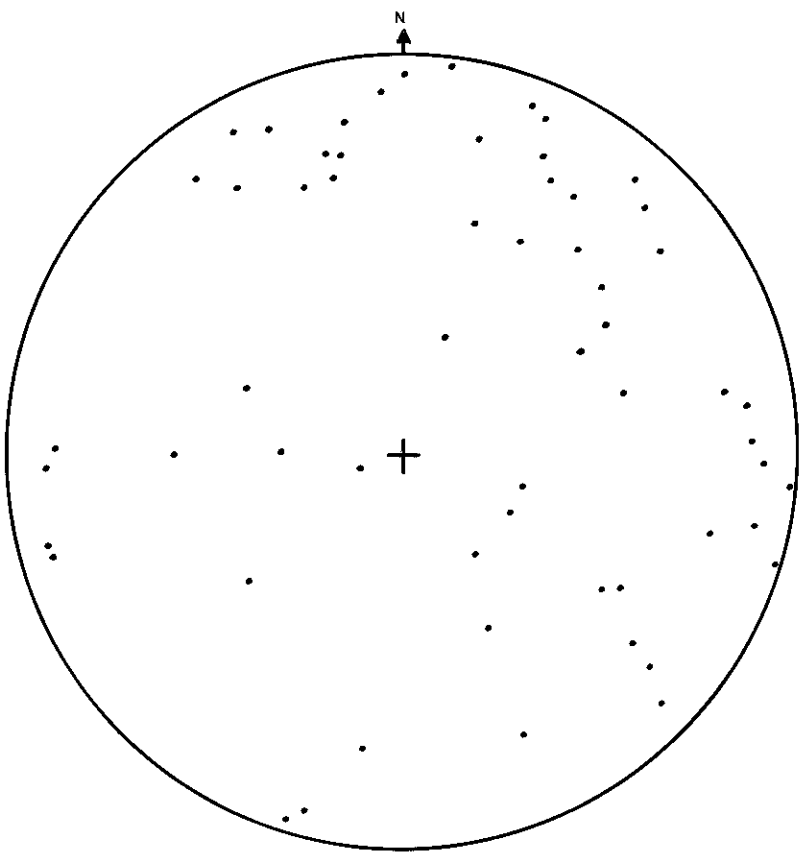
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: BATTY'S BEND J.V. E.L. 4/61		
Compiled: I. Mc D.	Date: 2-4-'86	Scale: 1:5000
Latitude:	Longitude:	PLAN NO.
Drawn: R. J. R.	File No:	

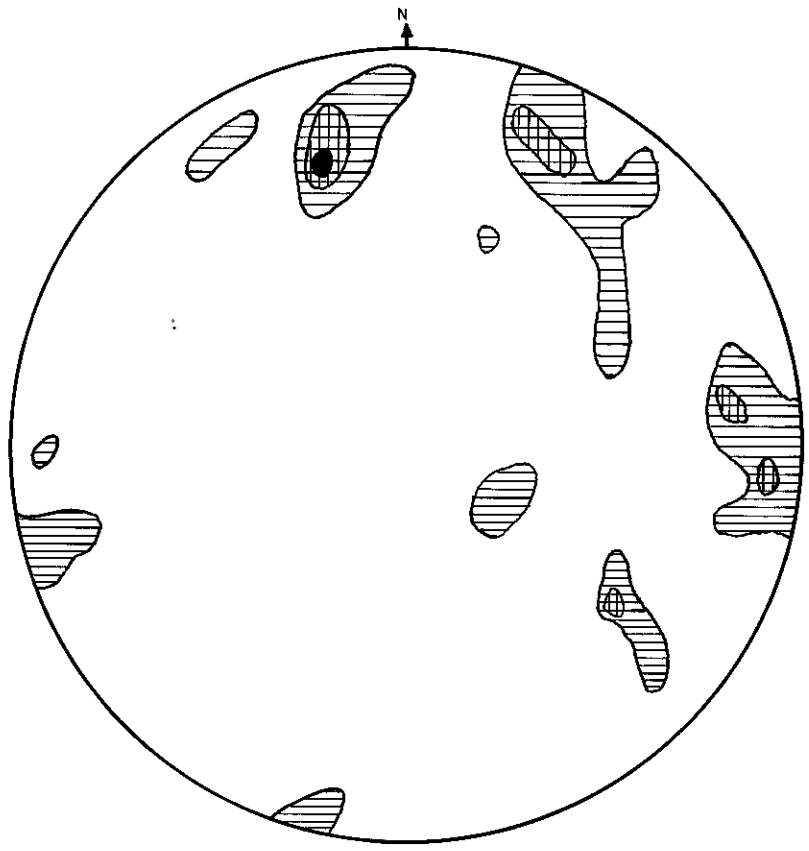
TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimline A3 for report pockets

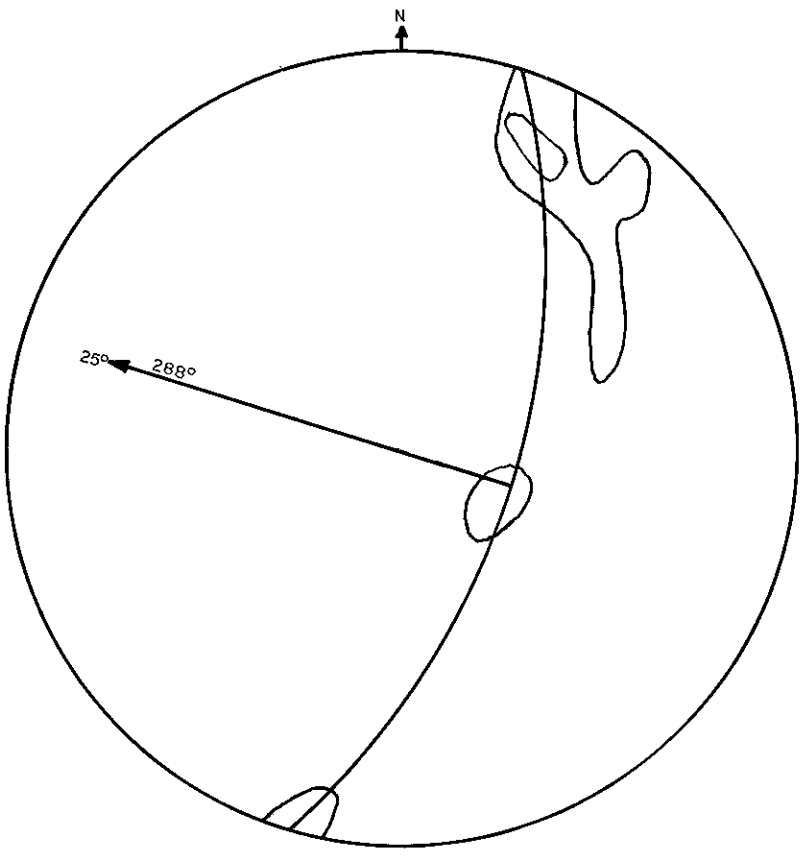
A3-523-0003



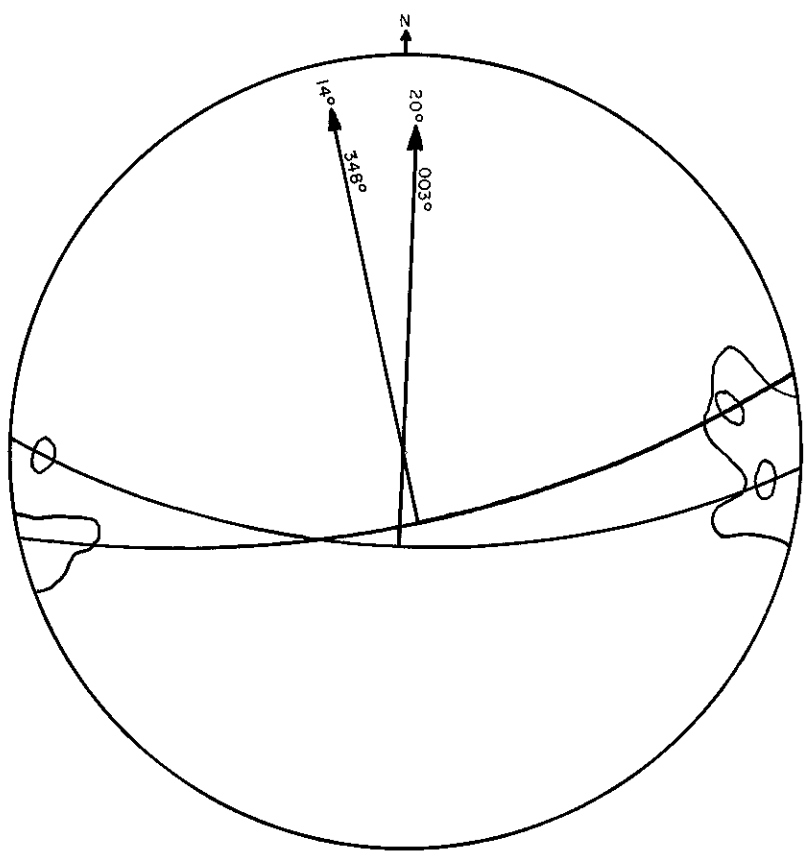
a Raw Data Plot
Poles to Undifferentiated Foliations.



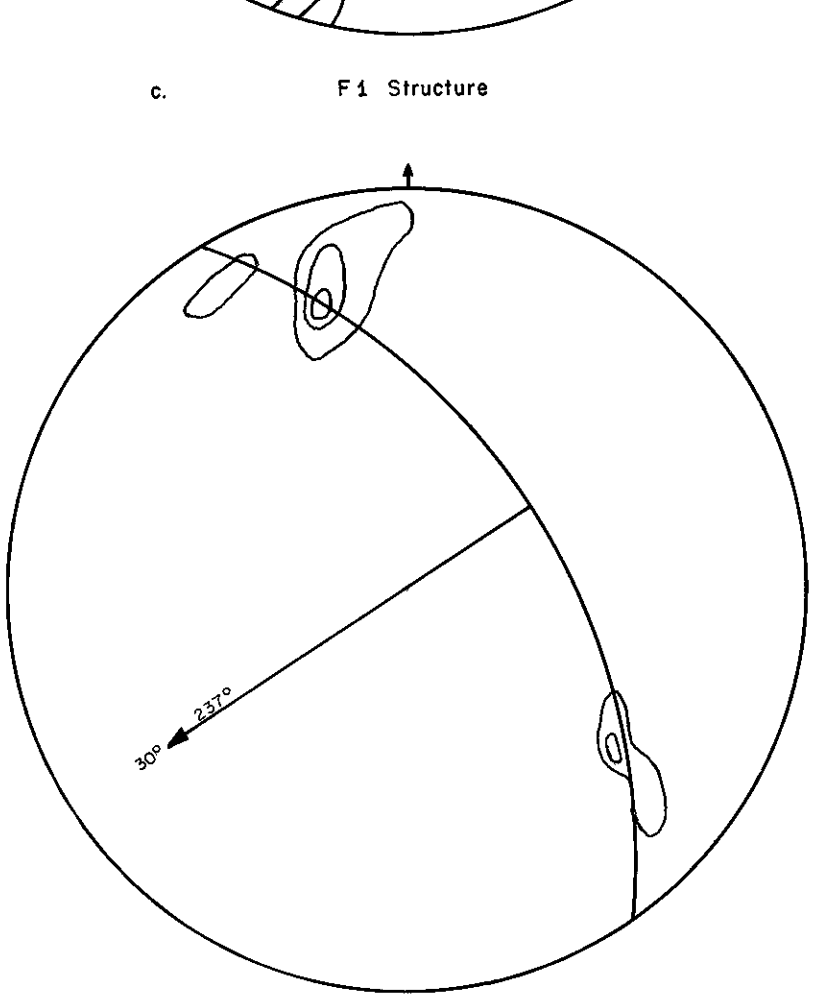
b. Density Contours Derived from Fig. 5a



c. F1 Structure



d F2 Structure.



e F3 Structure.

1 250000 SHEET

SCALE

EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

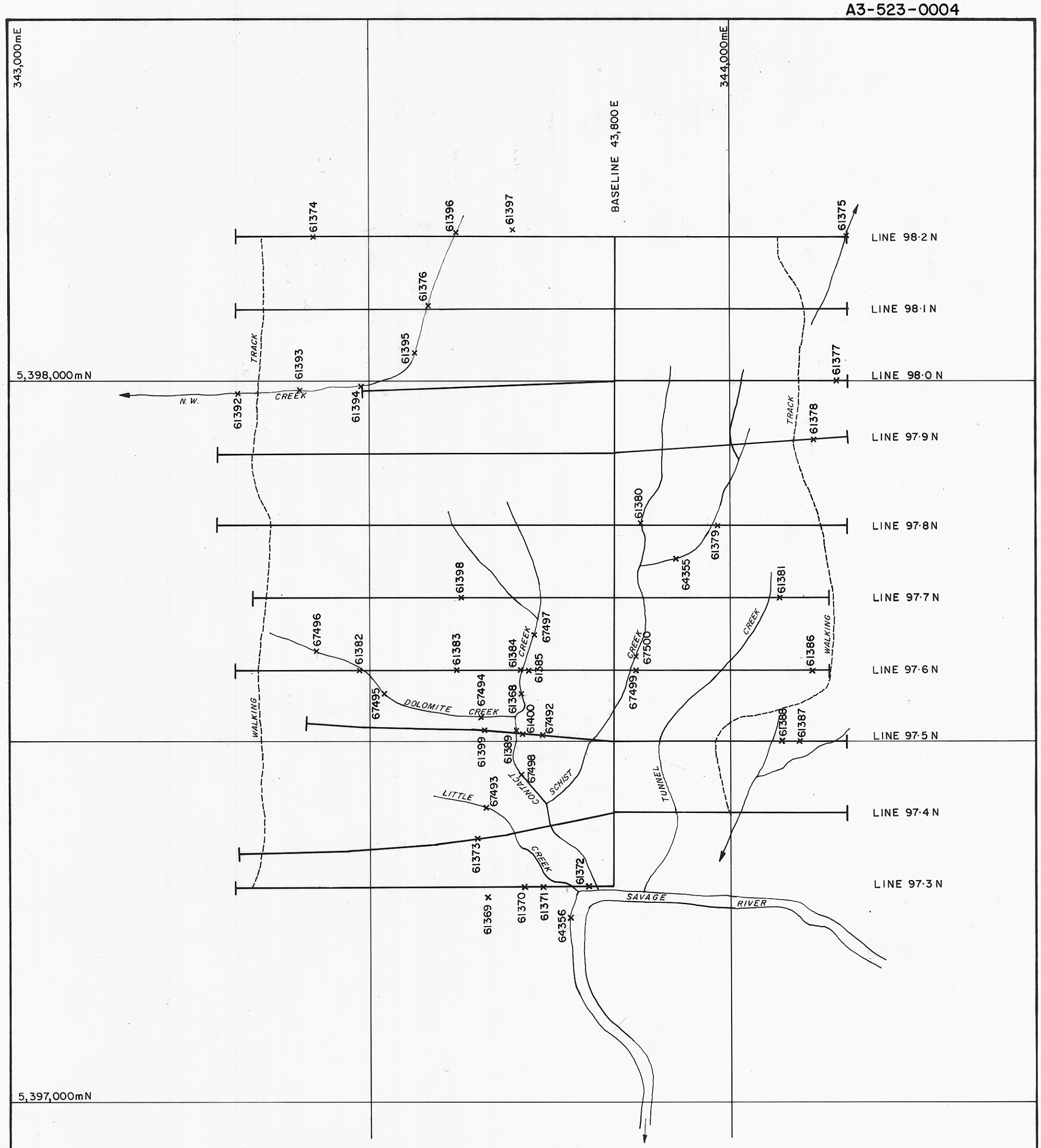
PROJECT BATTY'S BEND J.V. E.L.4/61		
STRUCTURAL DATA		
Compiled I. Mc D	Date 4-4-'84	Scale N.T.S.
Latitude	Longitude	PLAN NO
Drawn R.J.R.	File No	A3-523-0003

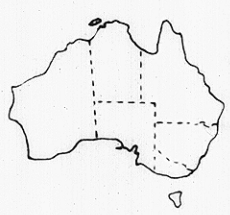
TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

53

Trimline A3 for report pockets

A3-523-0004





1:250000 SHEET

5 cm

SCALE
0 100 200 300 400m

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

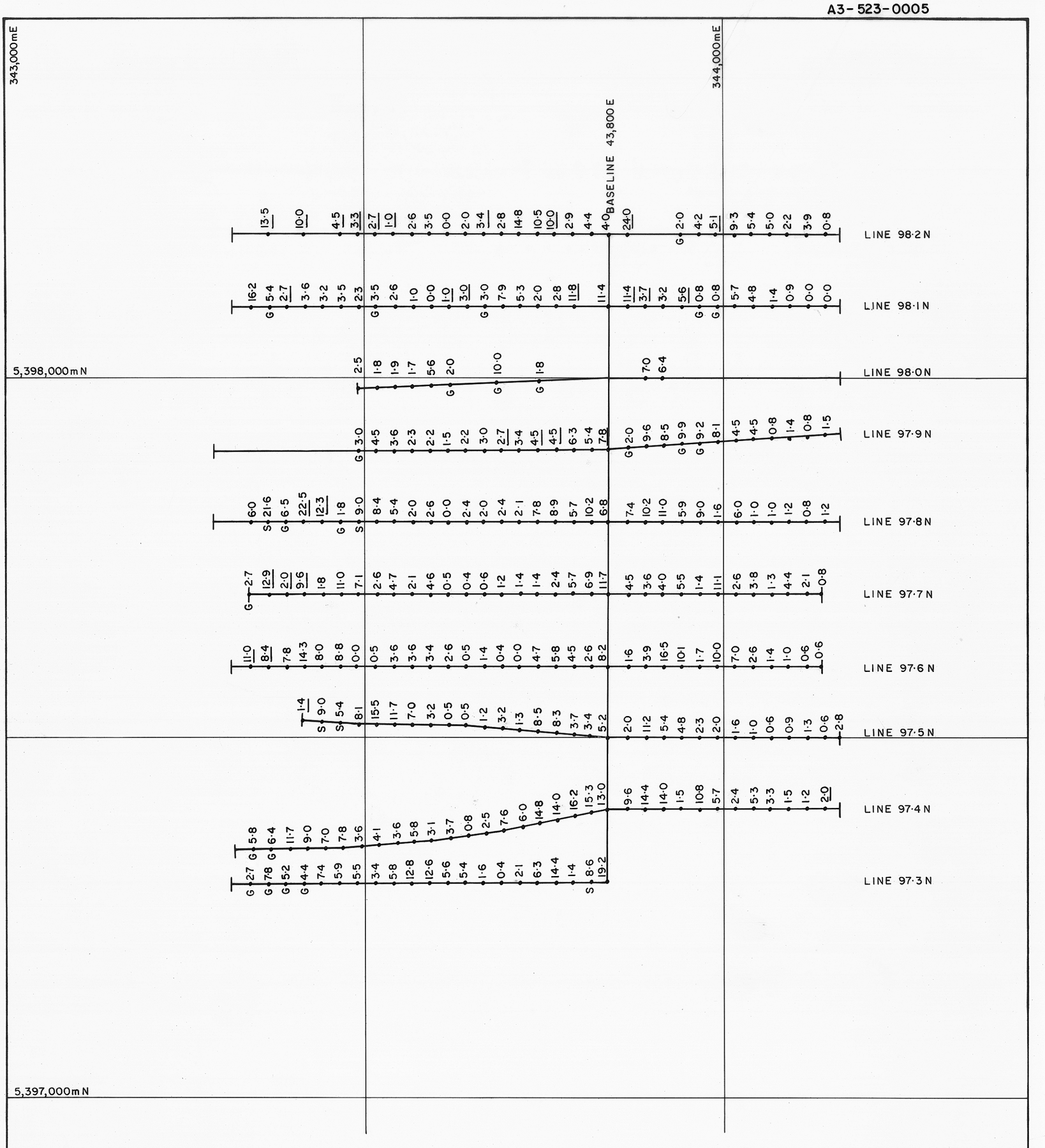
PROJECT: BATTY'S BEND J.V. E.L. 4/61

ROCK SAMPLE LOCATIONS

Compiled: I. Mc D.	Date: 2-4-'86	Scale: 1:5000
Latitude:	Longitude:	PLAN NO
Drawn: R. J. R.	File No:	A3-523-0004

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

A3-523-0005



LEGEND

- • Wacker Sample Point, **Bedrock** Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.
- •_ Bedrock Possibly Not Reached.

N.B.– All depths are in metres.

5 cm

SCALE
0 100 200 300 400m

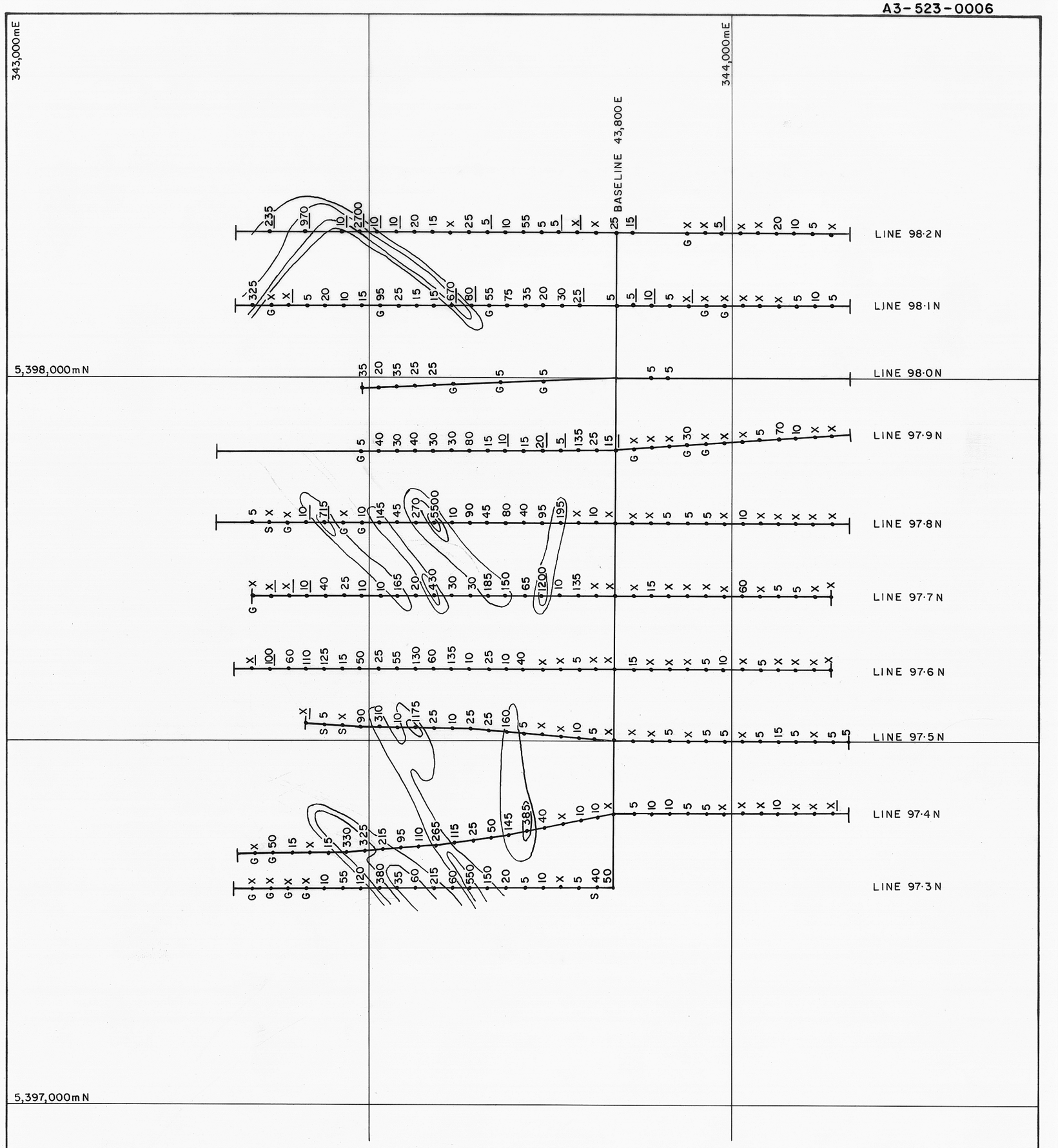
EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: BATTY'S BEND J.V. E.L. 4/61		
WACKER SAMPLE GEOCHEMISTRY DEPTH TO BEDROCK		
Compiled: I. McD.	Date: 16-4-'86	Scale: 1:5000
Latitude	Longitude	PLAN NO
Drawn: R.J.R.	File No.	A3-523-0005

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

57

A3-523-0006



LEGEND

- • Wacker Sample Point, Bedrock Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.
- •_ Bedrock Possibly Not Reached.

- > 3000 p.p.m.
- 320 – 3000 p.p.m.
- 140 – 320 p.p.m.
- < 140 p.p.m.

5 cm

SCALE
0 100 200 300 400m

N.B.– SUPERCEDED BY A2-523-0033

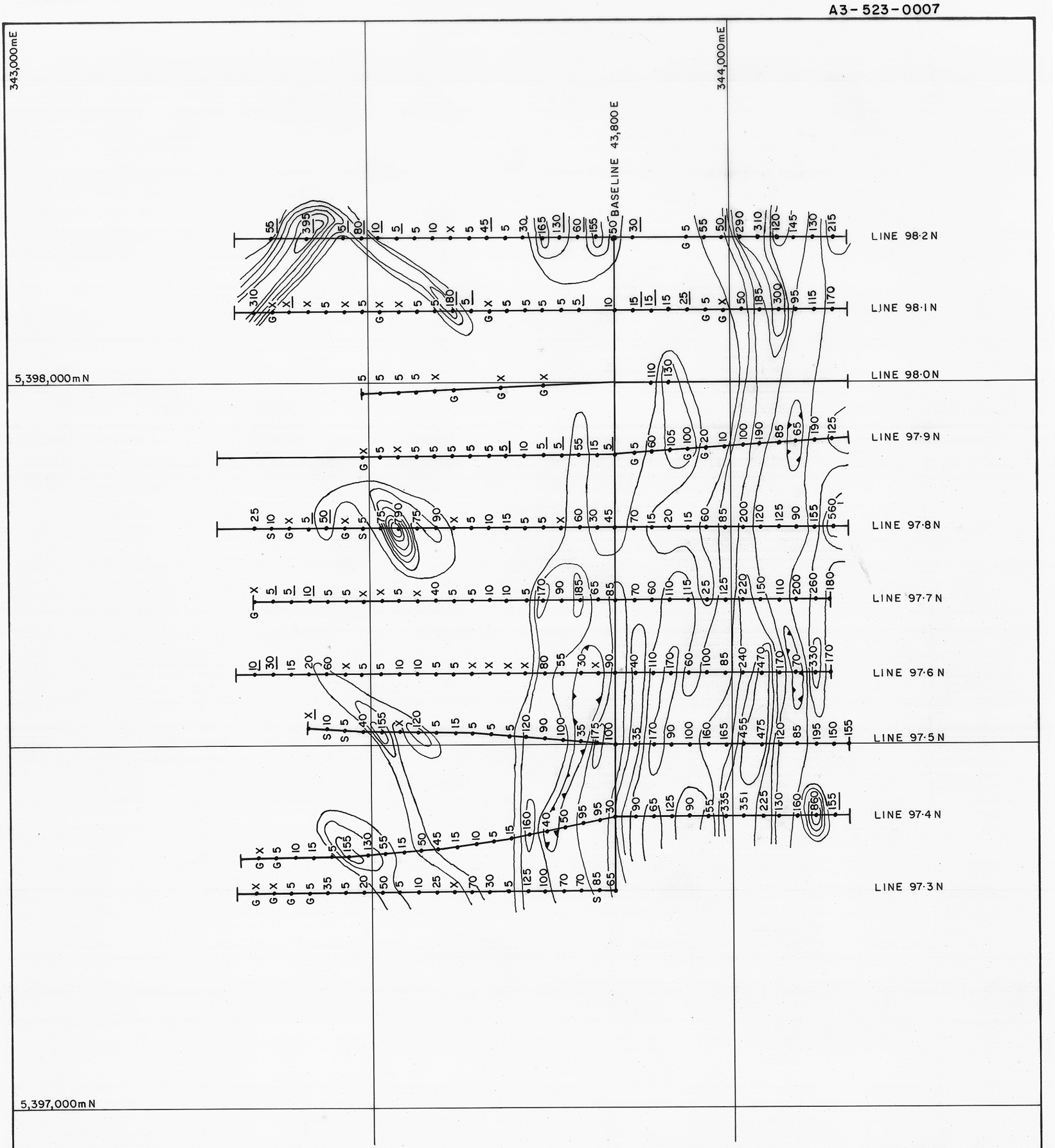
EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT BATTY'S BEND J.V. E.L. 4/61		
WACKER SAMPLE GEOCHEMISTRY LEAD		
Compiled I.McD.	Date 9-4-'86	Scale 1:5000
Latitude	Longitude	PLAN NO. A3-523-0006
Drawn R.J.R.	File No.	

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

55

A3-523-0007



LEGEND

- • Wacker Sample Point, Bedrock Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.
- •_ Bedrock Possibly Not Reached.

> 700 p.p.m.	140 - 210 p.p.m.
375 - 700 p.p.m.	78 - 140 p.p.m.
275 - 375 p.p.m	48 - 78 p.p.m.
210 - 275 p.p.m.	< 48 p.p.m.

5 cm

SCALE
0 100 200 300 400m

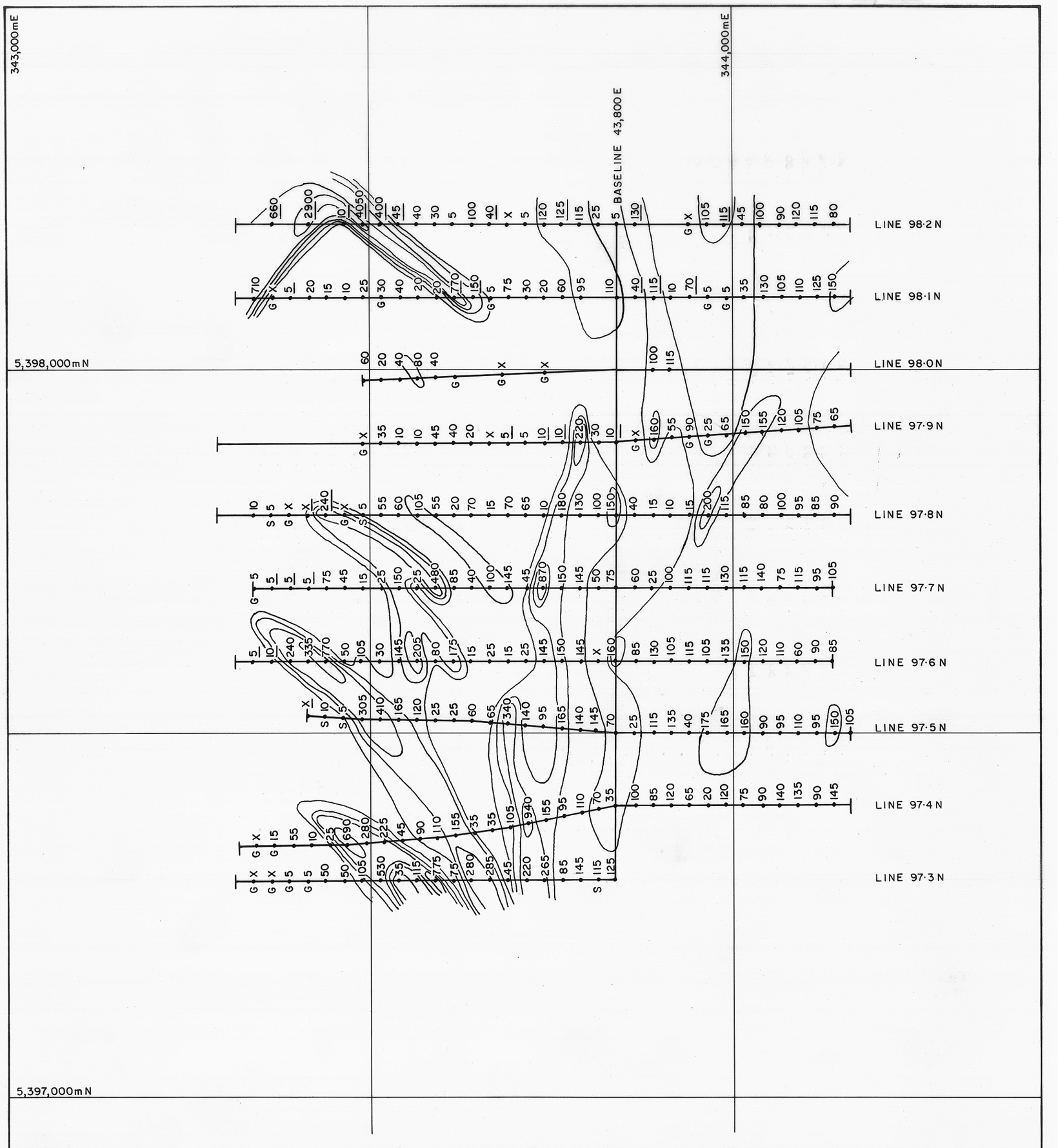
N.B.- SUPERCEDED BY A2-523-0036

EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT BATTY'S BEND J.V. E.L. 4/61		
WACKER SAMPLE GEOCHEMISTRY COPPER		
Compiled I.McD.	Date 16-4-'86	Scale 1:5000
Latitude	Longitude	PLAN NO
Drawn R.J.R.	File No.	A3-523-0007

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

A3-523-0008



LEGEND

- • Wacker Sample Point, **Bedrock** Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.
- •_ Bedrock Possibly Not Reached.

> 2000 p.p.m.	148 – 190 p.p.m.
600 – 2000 p.p.m	78 – 148 p.p.m.
190 – 600 p.p.m.	< 78 p.p.m.

N.B.–SUPERCEDED BY A2-523-0034

5 cm

SCALE
0 100 200 300 400m

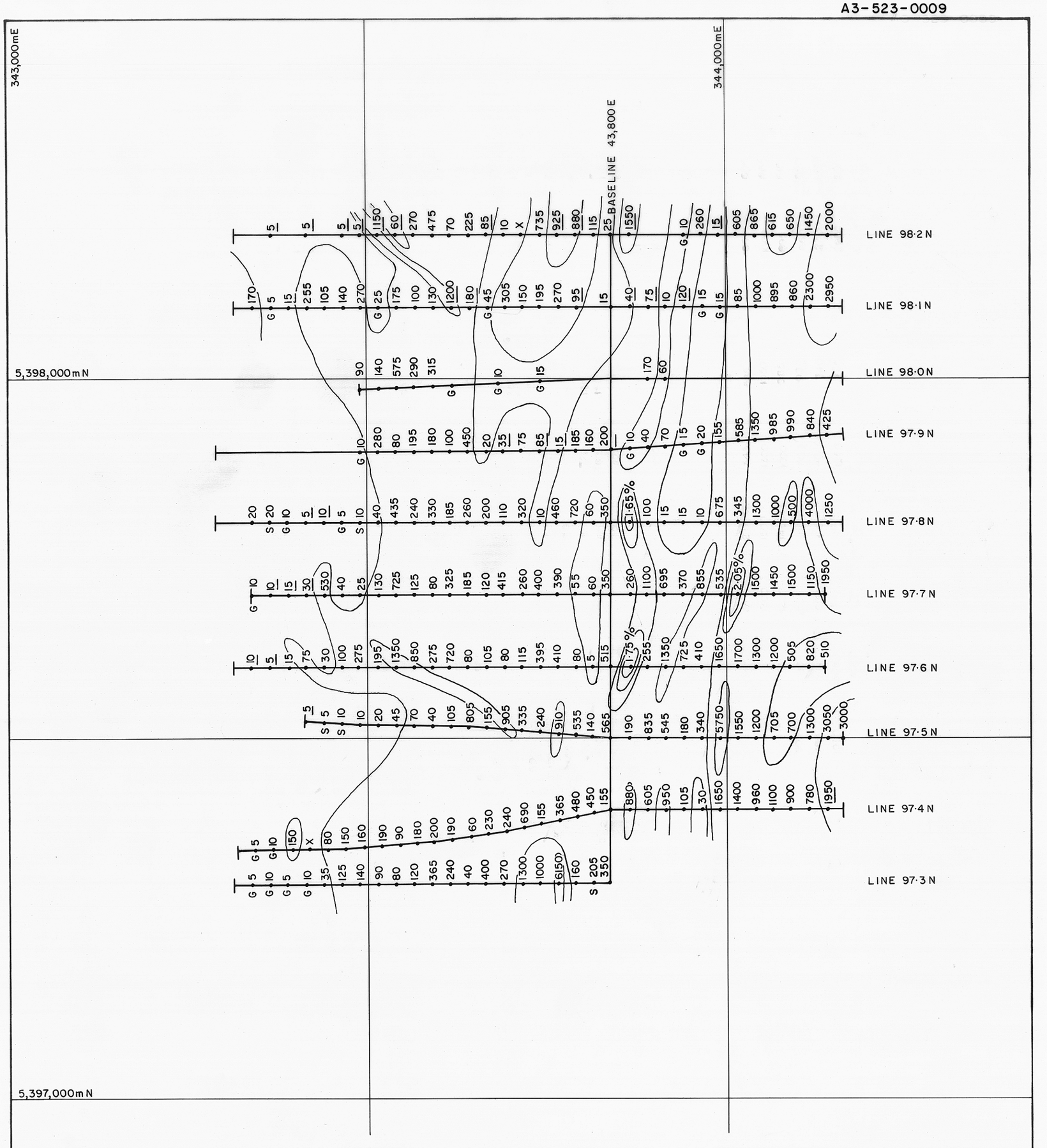
EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT BATTY'S BEND J.V. E.L. 4/61		
WACKER SAMPLE GEOCHEMISTRY ZINC		
Compiled I.McD.	Date 10-4-86	Scale 1:5000
Latitude	Longitude	PLAN NO. A3-523-0008
Drawn R.J.R.	File No.	

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

58

A3-523-0009



LEGEND

- • Wacker Sample Point, Bedrock Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.
- •_ Bedrock Possibly Not Reached.

- >1·00%
- 1800p.p.m–1·00%
- 840–1800 p.p.m.
- 65–840 p.p.m.
- < 65 p.p.m.

N.B.- SUPERCEDED BY A2-523-0035

5 cm

SCALE
0 100 200 300 400m

EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT BATTY'S BEND J.V. E.L. 4/61		
WACKER SAMPLE GEOCHEMISTRY MANGANESE		
Compiled I.McD.	Date 9-4-'86	Scale 1:5000
Latitude	Longitude	PLAN NO A3-523-0009
Drawn R.J.R.	File No.	

343 000mE

5 396 500mN

5 397 000mN

5 397 500mN

5 398 000mN

5 398 500mN

5 399 000mN

A2-523-0033

Wacker Samples
Reported April, 1986

'C' Horizon Soil Samples
Reported July, 1987

LINE 97·3N
LINE 97·4N
LINE 97·5N
LINE 97·6N
LINE 97·7N
LINE 97·8N
LINE 97·9N
LINE 98·0N
LINE 98·1N
LINE 98·2N
LINE 98·6N
LINE 98·7N

343 500mE

344 000mE

344 500mE

BASELINE 43,800 E



1: 250000 SHEET

N

SCALE
0 100 200 300 400 500
metres

LEGEND

- • Wacker Sample Point, Bedrock Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.
- •— Bedrock Possibly Not Reached.

- > 3000 p.p.m.
- 320 – 3000 p.p.m.
- 140 – 320 p.p.m.
- < 140 p.p.m.

5 cm

EZ
ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: BATTY'S BEND J.V. E.L. 4/61

SOIL GEOCHEMISTRY
'C' HORIZON
Pb

Compiled: I.McD/I.MAT. Date: 18-8-'87		Scale: 1:5000
AMG:	Latitude:	Longitude:
Drawn: N.W.D.S.	File No: A3-523-0006	PLAN NO: A2-523-0033

TCR 94-3619
EL 4/61, 22/85
E.Z. CO., GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimline A2 for reports

A3-523-0034

343 000mE

5 396 500mN

5 397 000mN

5 397 500mN

5 398 000mN

5 398 500mN

5 399 000mN

343 500mE

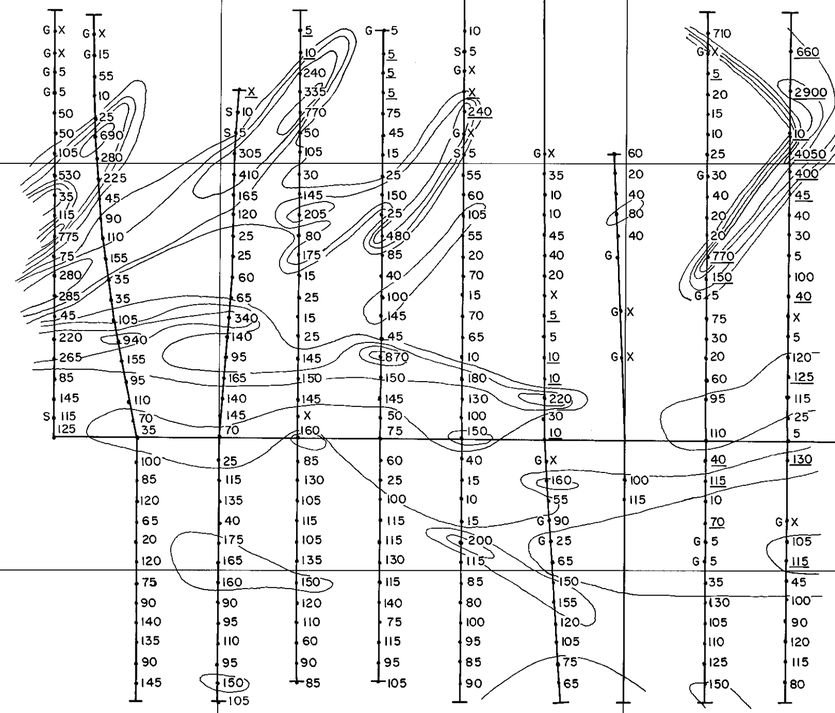
344 000mE

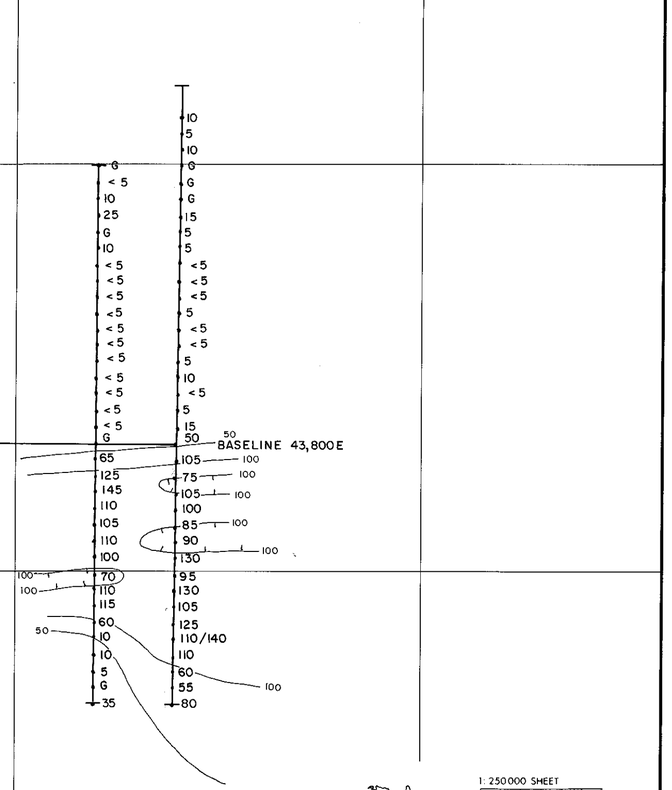
344 500mE

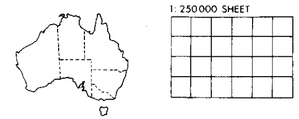
Wacker Samples
Reported April, 1986

'C' Horizon Soil Samples
Reported July, 1987

LINE 97·3N
LINE 97·4N
LINE 97·5N
LINE 97·6N
LINE 97·7N
LINE 97·8N
LINE 97·9N
LINE 98·0N
LINE 98·1N
LINE 98·2N
LINE 98·6N
LINE 98·7N







1: 250 000 SHEET

N

SCALE
0 100 200 300 400 500
metres

LEGEND

Wacker Sample Point, Bedrock Reached.

G Sample in Gravel. Bedrock Not Reached.

S Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.

_ Bedrock Possibly Not Reached.

- > 2000 p.p.m.
- 600 – 2000 p.p.m.
- 190 – 600 p.p.m.
- 148 – 190 p.p.m.
- 78 – 148 p.p.m.
- < 78 p.p.m.

5 cm

EZ

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: BATTY'S BEND J.V. E.L. 4/61

SOIL GEOCHEMISTRY
'C' HORIZON
Zn

Compiled: I.McD/I.MAT. Date: 21-8-'87 Scale: 1:5000

AMG: Latitude: Longitude:

Drawn: N.W.D.S. File No: A3-523-0008 PLAN NO: A2-523-0034

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimline A2 for reports

343 000mE

5396 500mN

5397 000mN

5397 500mN

5398 000mN

5398 500mN

5399 000mN

A2-523-0035

Wacker Samples
Reported April, 1986

'C' Horizon Soil Samples
Reported July, 1987

LINE 97·3N
LINE 97·4N
LINE 97·5N
LINE 97·6N
LINE 97·7N
LINE 97·8N
LINE 97·9N
LINE 98·0N
LINE 98·1N
LINE 98·2N
LINE 98·6N
LINE 98·7N

343 500mE

344 000mE

344 500mE

43,800E

1·75%

1·65%

2·05%

N

SCALE
0 100 200 300 400 500
metres

LEGEND

- • Wacker Sample Point, Bedrock Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.
- •— Bedrock Possibly Not Reached.

- > 1·00%
- 1800 p.p.m.–1·00%
- 840–1800 p.p.m.
- 65–840 p.p.m.
- < 65 p.p.m.

5 cm

E·Z

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: BATTY'S BEND J.V. E.L. 4/61

SOIL GEOCHEMISTRY
'C' HORIZON
Mn

Compiled: I. McD/I. MAT Date: 23-8-'87 Scale: 1:5000

AMG: Latitude: Longitude:

Drawn: N.W.D.S. File No: A3-523-0009 PLAN NO: A2-523-0035

TCR 94-3619
EL 4/61, 22/85
E. Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Tramline A2 for reports

343 000mE

5 396 500mN

5 397 000mN

5 397 500mN

5 398 000mN

5 398 500mN

5 399 000mN

343 500mE

344 000mE

344 500mE

A2-523-0036

Wacker Samples
Reported April, 1986

'C' Horizon Soil Samples
Reported July, 1987

LINE 97·3N

LINE 97·4N

LINE 97·5N

LINE 97·6N

LINE 97·7N

LINE 97·8N

LINE 97·9N

LINE 98·0N

LINE 98·1N

LINE 98·2N

LINE 98·6N

LINE 98·7N

BASELINE 43,800E

1: 250000 SHEET

N

SCALE

0 100 200 300 400 500

metres

LEGEND

- • Wacker Sample Point, Bedrock Reached.
- G• Sample in Gravel. Bedrock Not Reached.
- S• Sample in Soil. Bedrock Not Reached. Some uncertainty about Nature of Sample.
- •_ Bedrock Possibly Not Reached.

- > 700 p.p.m.
- 375 - 700 p.p.m.
- 275 - 375 p.p.m
- 210 - 275 p.p.m
- 140 - 210 p.p.m.
- 78 - 140 p.p.m.
- 48 - 78 p.p.m.
- < 48 p.p.m.

5 cm

EZ

ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED
MINERAL RESOURCES DIVISION

PROJECT: BATTY'S BEND J.V. E.L. 4/61

SOIL GEOCHEMISTRY
'C' HORIZON
Cu

Compiled: I.McD/I.MAT. Date: 24-8-'87 Scale: 1:5000

AMG: Latitude: Longitude:

Drawn: N.W.D.S. File No: A3-523-0007 PLAN NO:
A2-523-0036

TCR 94-3619
EL 4/61, 22/85
E.Z. CO, GEOPEKO, SAVAGE RESOURCES
SAVAGE RIVER, ARTHUR LINEAMENT,
BATTYS BEND

Trimline A2 for reports