MICROFILMED
FICHE No. 013293 -
OPEN FILE

94-3616

List of transparencies of plans from portions of EL 56/80 relinquished by Geopeko covering the Sandy Cape area.

Sandy Cape	Masters (x 11)	1:10 000
" "	Topo Masters (x 3)	1:50 000
" "	Grid Locations	1:50 000
" "	Aeromag Profiles, Sheets 1-6	1:10 000
" "	Flight Path Plots, Sheets 1-6	1:10 000
" "	Aeromag Contours, Sheets 1-6	1:10 000
" "	Aeromag Contours (x 2)	1:50 000
" "	Aeromag Contours, Sheets 5 & 6	1:24 000
" "	EM Anomalies, Sheets 5 & 6	1:24 000
" "	Geology & Input Anomalies	1:50 000
" "	Photo Geology (x 2)	1:40 000
" "	Stream Sediment Sample Locations	1:50 000
" "	Anomaly No 6, Geology	1:2 500
" "	Anomaly No 6, Ground Magnetic Contours	1:2 500
" "	Anomaly No 6, Grid & Ground Magnetic Values	1:2 500
" "	Anomaly No 4, Grid & Ground Magnetics	1:2 500
" "	Anomaly No 1, Ground Magnetic Contours	1:2 500
" "	Anomaly No 1, Grid & Ground Magnetic Values	1:2 500
" "	Stream Sediment Geochem, Sn	1:50 000
" "	" " ", As	1:50 000
" "	" " ", Zn	1:50 000
" "	" " ", Cu	1:50 000
" "	Stream Sediment Locations (Pickands Mather)	1:50 000
" "	Aeromag Anomalies, to be followed up	1:50 000
" "	Stream Sediment Geochem (-80#), Mo	1:50 000
" "	" " " ", Cu	1:50 000
" "	" " " ", Pb	1:50 000
" "	" " " ", Zn	1:50 000
" "	" " " ", Bi, As	1:50 000
" "	" " " ", Sn, W	1:50 000
" "	" " " ", Ag	1:50 000
" "	Aeromag Contours & Input Data	1:50 000
" "	Geology (x 2)	1:50 000
Sandy Cape	Photogeology (x 2)	1:50 000
" "	Anomaly 1, Crone PEM Contours	1:25 000
" "	Sectn DDH SCP 255	1:1 000
" "	Sectn DDH SCP 256	1:1 000

OVERSIZED PLANS

② 94-3616 Detection - 1 Amdel AAS = 2 = 5 2 10 20 4 10

Sample N°	Mo -80	Cu -80	Pb -80	Zn	Bi	As	Sn
45214	9	6	-5	22			-10
45213	11	4	-5	12			-10
45212	9	4	-5	22			-10
45211	8	6	-5	20			-10
45210	8	6	5	18			-10
45209	12	6	5	24			-10
45208	9	8	-5	18			-10
45207	8	2	-5	20			-10
45206	10	14	5	30	10		-10
45205	11	14	5	22	10		12
45204	10	8	10	50			8
45203	10	6	5	18			12
45202	9	10	10	28	10		-
45201	20	6	45	50	10		22
45215	9	14	10	22	10		16
45216	10	10	5	30	10		24
45217	10	8	5	42	10		-
45218	10	14	5	32	10		-
45219	9	12	5	26	10		85
45220	9	8	5	24	10		-
45221	11	6	5	20	10		24
45222	9	4	5	16			26
45223	10	4	5	16			22
45224	10	4	5	16	10		20
45225	12	4	5	16			34
45226	11	4	5	16	10		18
45227	10	2	5	18			16
45228	10	2	10	20			20
45249	-	2	10	16			-
45250	-	2	10	16			-
45251	-	2	15	28			20
45252	-	-2	5	18			8

3

94-3616

	Mo	Cu	Pb	Zn	Bi	As	Sn	W
45236	12	4	5	14			16	
45235	11	4	-5	12			10	
45234	13	2	-5	26			16	
45233	12	4	10	230	20		150	25
45232	11	2	-5	50			44	
45231	12	2	-5	12			6	
45230	11	2	-5	16			18	
45229	20	150	10	36			-	
45237	16	4	5	12	10	20	-	
45238	13	6	10	18	10	30	14	
45239	13	-2	5	14			-	
45240	13	-2	5	12			8	
45241	14	-2	5	20	10		14	10
45242	12	-2	5	16			4	
45243	13	-2	5	14			14	
45244	13	-2	5	14			12	
45245	13	-2	5	16	-	20	18	
45246	13	-2	-5	14			16	
45247	13	-2	-5	12			20	
45248	12	-2	5	10			-	
45253	14	-2	-5	4			6	
45254	14	-2	5	6			-	
45255	13	2	-5	14	10		10	
45256	4	-2	-5	8			8	
45257	6	-2	-5	6			8	
45258	4	-2	-5	6			4	
45259	4	2	-5	10			6	
45260	3	2	-5	6	10		10	
45261	4	2	5	8				

94 3616

	Mo	Cu	Pb	Zn	Bi	As	Sn	W
43550	4	4	5	8	20		12	
43551	2	4	5	4	20		10	
43552	4	2	-5	10	20		8	
43553	4	2	-5	4	20		8	
43538	3	-2	-5	8	10		6	
43539	2	2	-5	10			14	
43540	3	2	-5	4			12	
43541	2	2	-5	6			10	
43542	3	-2	5	6			6	
43543	1	2	-5	14			16	
43544	4	-2	-5	8	20		10	
43545	3	2	-5	8	20		6	
43546	1	4	-5	6	10		22	
43547	3	2	-5	6	10		12	
43548	3	-2	-5	8	10		8	
43549	4	6	-5	8	20		10	
45296	2	6	5	8	10		26	
45297	10	2	25	28	10		—	
45294	2	2	5	10		20	8	
45295	-1	2	5	10	[redacted]	[redacted]	6	
45293	1	4	-5	6	10		—	
45292	2	8	5	12			6	
45291	—	—	—	—			—	
45290	—	—	—	—			—	
45289	4	4	-5	8		20	6	
45288	2	4	-5	14			16	
45286	3	-2	-5	10			10	
45287	3	2	-5	10			12	
45262	3	-2	5	6			6	
45263	—	—	—	2			—	—
45266	2	2	-5	6			4	
45265	3	2	10	6			6	

5

94-3616

	Mo		Cu	Pb	Zn	Bi	As	Sn
45264	~~4~~		—	—	—			—
45267	4		2	-5	6	10		12
45269	3		-2	5	8			8
45268	3		-2	20	8			-
45271	4		2	10	26	10		14
45270	3		-2	-5	10			8
45272	4		2	-5	8			12
45273	2		4	-5	14			10
45274	3		4	5	18			
45275	3		-2	-5	6			8
45276	14		10	35	20			
45277	3		2	-5	14			12
45278	3		2	-5	6		30	10
45279	3		2	-5	4			4
45280	2		-2	-5	8			6
45281	3		2	-5	16			-
45282	2	90838	-2	-5	6			-4
45283	3		-2	-5	4			8
45284	2	90840	-2	-5	10			-4
45285	4		-2	-5	4			10

b

94-3616A

Sample No	Sn	As	Zn	Cu
780368	-7	10	35	5
785456	80	—	80	7
785457	1	—	20	5
785458	2	—	80	5
785459	1	—	25	5
780466	5	—	35	10
780467	1	—	95	10
780464	3	—	70	5
780465	1	—	75	5
785453	-1	5	55	10
785454	1	—	80	20
785455	40	—	40	5
785450	2	—	50	2
785448	10	—	35	2
785447	1	—	15	2
785446	4	5	60	3
785445	1	5	15	5
780386	1	—	55	5
780385	1	—	10	5
780384	1	—	5	3
780382	1	—	7	2
780392	-1	—	2	3
780391	1	—	15	3
780390	250	—	15	3
780393	2	50	7	3
780394	1	—	15	3
780404	1	—	5	2
780389	-1	—	7	3
780402	1	—	2	2
780403	-1	—	20	2
780388	-1	—	2	3

1

94-3616A

	Sn	As	Zn	Cu
780399	-1	—	10	2
780401	-1	—	2	~~3~~
780400	-1	—	5	3
780387	-1	—	5	3
780395	1	—	5	2
780396	1	—	2	3
780397	1	—	25	3
~~3~~780398	1	—	5	2
785452	120	—	60	2
785451	100	—	15	2
785449	5	—	20	3
785444	1	—	15	3
785442	2	—	7	2
785443	1	—	15	3
780381	-1	—	7	2
780380	-1	5	10	2
780379	1	—	10	3
785434	1	5	15	3
785441	1	—	5	2
785440	1	—	7	3
785436	1	—	15	3
~~785437~~	-1	—	7	2
780407	-1	—	15.	2
780406	1	—	2	2
780405	1	—	5	3
~~785440~~	~~1~~	—		
785439	1	—	20	5
785438	1	—	15	20
780378	-1	—	15	2
780377	-1	—	20	3
780376	1	—	7	2

8

94-3616A

	SN	AS	ZN	CU
780423	15	5	10	3
780418	1	—	15	3
780413	1	—	10	3
780414	1	—	7	2
780422	1	5	15	3
780419	3	—	65	3
780421	1	—	30	2
780420	1	—	10	2
780418	2	—	15	3
780416	-1	—	5	3
780417	1	—	10	3
780412	1	—	40	2
780411	2	—	50	2
780409	1	—	2	2
780410	1	—	2	3
780408	1	—	5	3
785518	1	—	10	1
785577	-1	5	7	1
785576	1	—	20	1
785575	-1	5	15	1
785574	1	5	65	5
785573	1	15	75	1
785572	1	—	10	1
785570	1	10	20	5
785569	1	20	7	1
785568	-1	5	20	1
785567	-1	5	25	1
785566	-1	5	7	1
785571	1	10	15	1
785564	1	5	7	5
785565	-1	—	7	1
785563	-1	—	7	1
785562	-1	5	10	1

a. 94 3616A

	SN	AS	ZN	CU
785549	-1	—	15	5
780444	4	5	25	20
785550	1	5	15	5
785551	1	60	90	40
780445	1	5	15	20
780446	8	5	35	10
785552	-1	10	—	5
780448	55	—	10	5
780447	100	5	45	5
785553	1	—	10	5
785554	1	—	20	15
780449	1	—	45	5
785555	-1	5	45	10
785561	1	5	10	1
785560	-1	5	7	1
785556	-1	5	15	5
780450	1	5	30	1
480451	-1	5	70	1
785557	-1	10	20	5
785558	1	5	10	5
785559	1	—	20	5
780456	-1	10	15	1
780454	-1	—	20	1
780452	2	5	25	1
780455	-1	5	40	—
780453	-1	—	7	1

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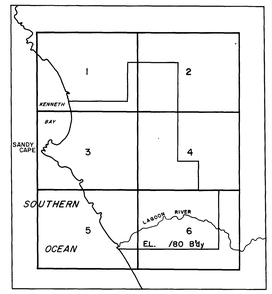

ELECTROLYTIC ZINC CO. OF AASIA. LTD.

PROJECT: EL. /80 SANDY CAPE | TAS.

5cm

SCALE 1:10 000	Survey.	Revised.
Reference	Date.	REF. NO A0-516-
Drawn	Checked	

TCR. 94.316
EL. 94/80
E.Z. CO. OF TAS.
SANDY CAPE

5 424 000 N

311 000 E | 312 000 E | 313 000 E | 314 000 E | 315 000 E | 316 000 E | 317 000 E | 318 000 E | 319 000 E | 320 000 E | 321 000 E

5 423 000 N

5 422 000 N

5 421 000 N

5 420 000 N

5 419 000 N

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5 416 000 N

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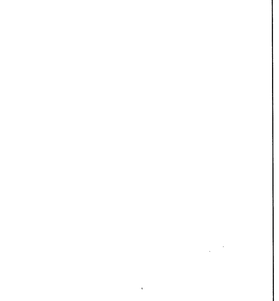
S A N D

100

100

100



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ELECTROLYTIC ZINC CO. OF AASIA. LTD.

PROJECT: EL. 180 SANDY CAPE | TAS.

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Reference	Date.	REF. NO. AO-516-
Drawn	Checked:	

TCR 94-3616
EL 5180
SANDY CAPE

5 424 000 N

321 000 E | 322 000 E | 323 000 E | 324 000 E | 325 000 E | 326 000 E | 327 000 E | 328 000 E | 329 000 E | 330 000 E | 331 000 E

5 423 000 N

5 422 000 N

5 421 000 N

5 420 000 N

5 419 000 N

5 418 000 N

5 417 000 N

5 416 000 N

500

200

300

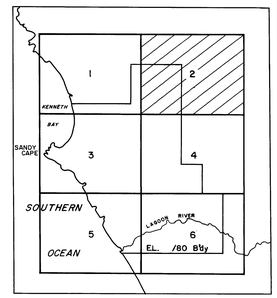
400

600

M.T. HAZEL

100

200



5cm

ELECTROLYTIC ZINC CO. OF AASIA. LTD.

PROJECT: EL. /80 SANDY CAPE | TAS.

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Reference	Date:	REF. NO. AO-516-0002
Drawn	Checked:	

CONTOUR CHECKED
E. 2.78
TCL
5/8/96
94-316

5 416 000 N
5 415 000 N
5 414 000 N
5 413 000 N
5 412 000 N
5 411 000 N
5 410 000 N
5 409 000 N
5 408 000 N
312 000 E
313 000 E
314 000 E
315 000 E
316 000 E
317 000 E
318 000 E
319 000 E
320 000 E
321 000 E

SANDY CAPE

SAND RIDGES

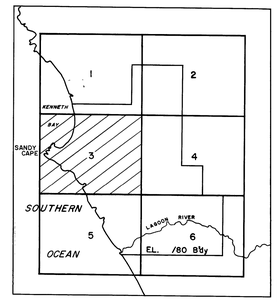
SAND DUNES

W.H.

SAND

100

150



5 cm

ELECTROLYTIC ZINC CO. OF AASIA. LTD.

PROJECT: E.L. /80 SANDY CAPE | TAS.

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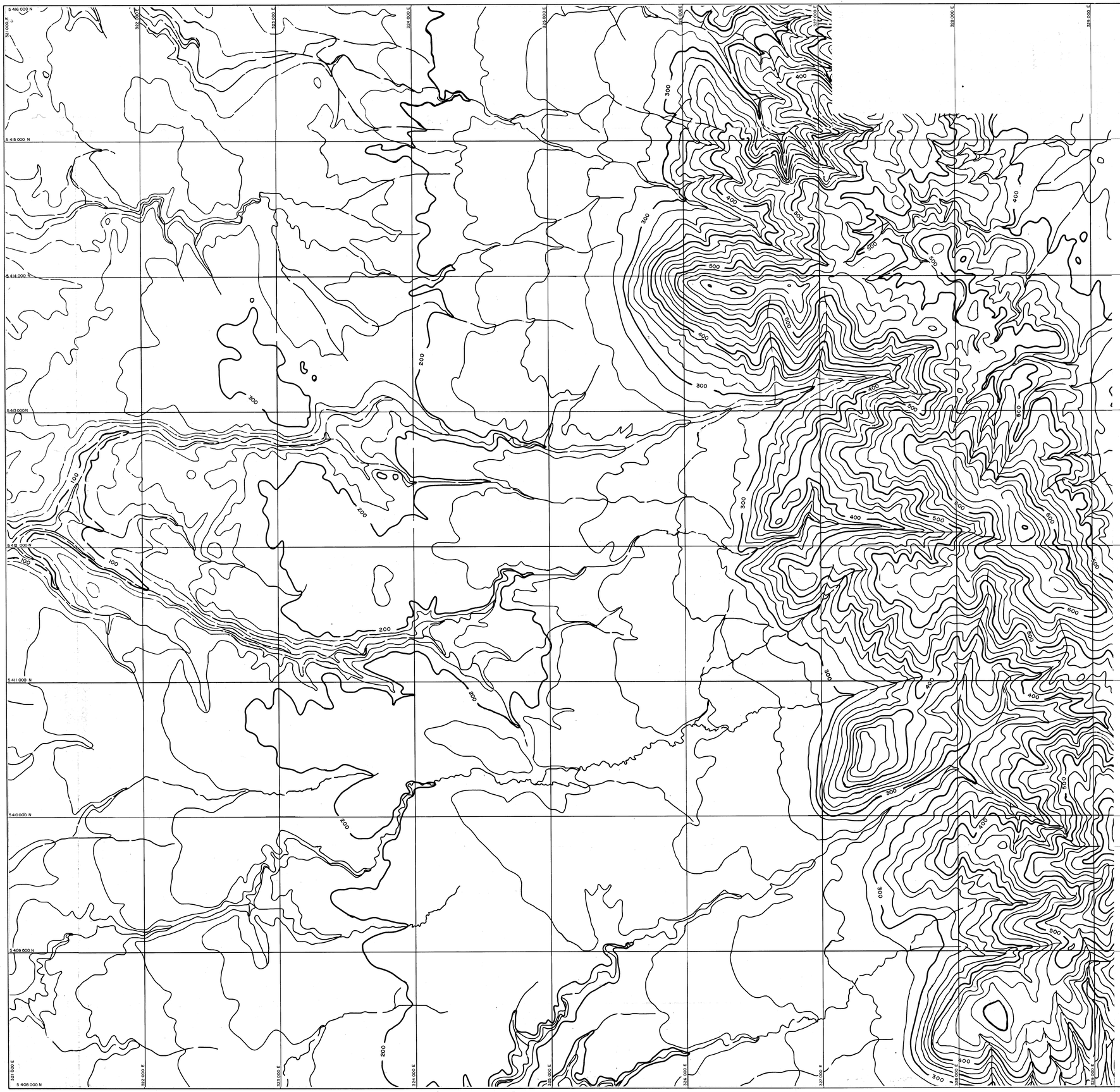
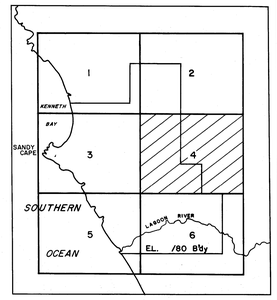
Drawn:	Checked:	

TCR 94-3616
EL 56/80
GEOPERO
SANDY CAPE





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ELECTROLYTIC ZINC CO. OF AASIA. LTD.

PROJECT: EL. 180 SANDY CAPE | TAS.

SCALE 1:10 000	Survey:	Revised:
Reference:	Date:	REF. NO. A0-516-0004
Drawn:	Checked:	

TCR. 94-3616
E.Z. CO. OF TAS.
GROPPERO
SANDY CAPE

5 408 000 N
5 407 000 N
5 406 000 N
5 405 000 N
5 404 000 N
5 403 000 N
5 402 000 N
5 401 000 N
5 400 000 N

311 000 E
312 000 E
313 000 E
314 000 E
315 000 E
316 000 E
317 000 E
318 000 E
319 000 E
320 000 E
321 000 E

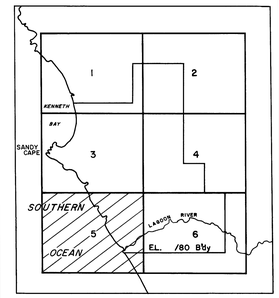
ARAGES

SMALL SWAMPS

SAND DUNE

SMALL SWAMPS

100
200
150
50
100



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ELECTROLYTIC ZINC CO. OF AASIA. LTD.

PROJECT: EL. /80 SANDY CAPE | TAS.

SCALE 1:10 000	Survey:	Revised:
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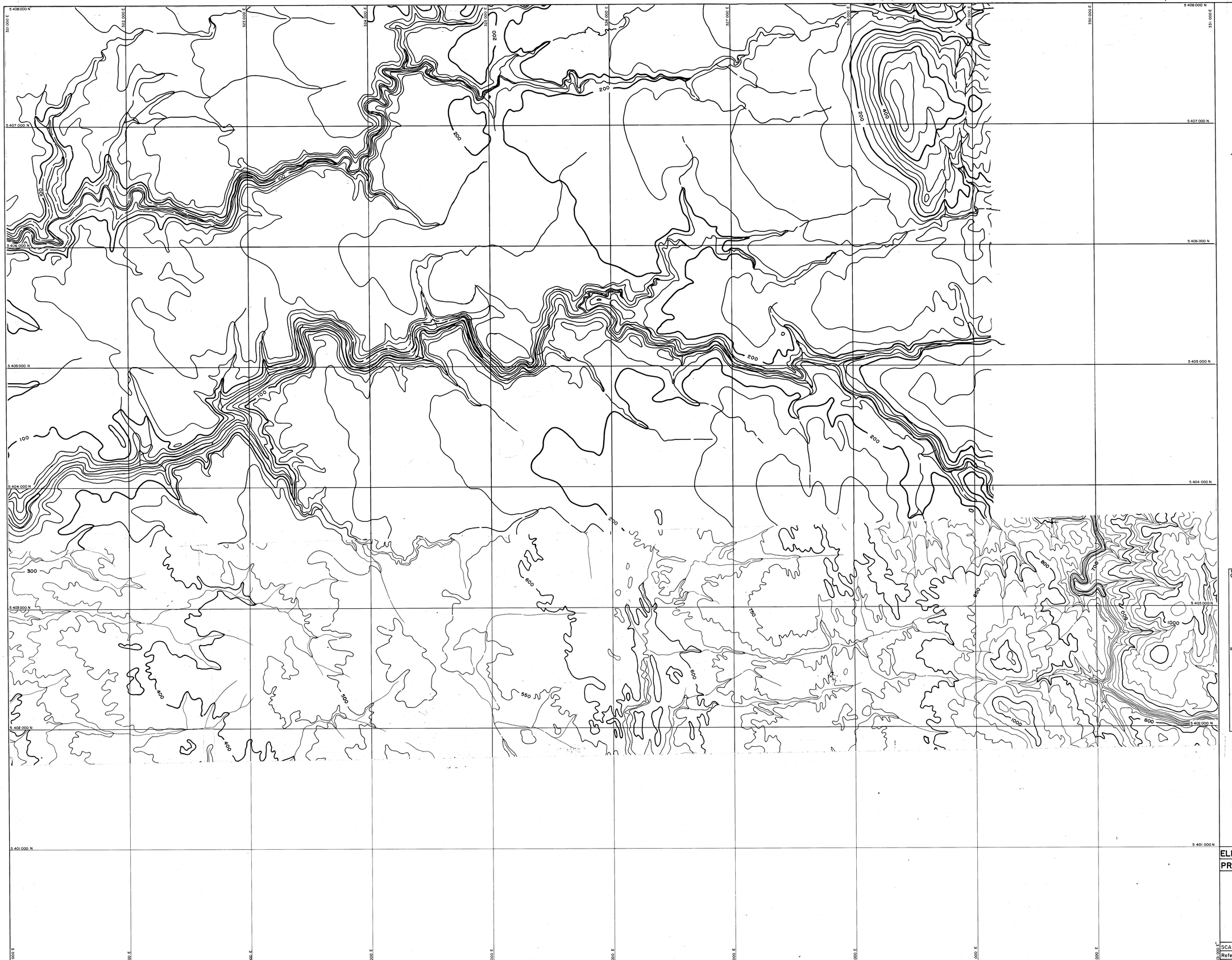
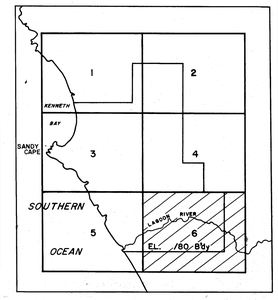
Drawn:	Checked:	

SANDY CAPE
E.Z. CO.
EL. 94/80
TCL 94-3916





5 cm

ELECTROLYTIC ZINC CO. OF AASIA. LTD.

PROJECT: EL. /80 SANDY CAPE | TAS.

SCALE 1:10 000	Survey:	Revised:
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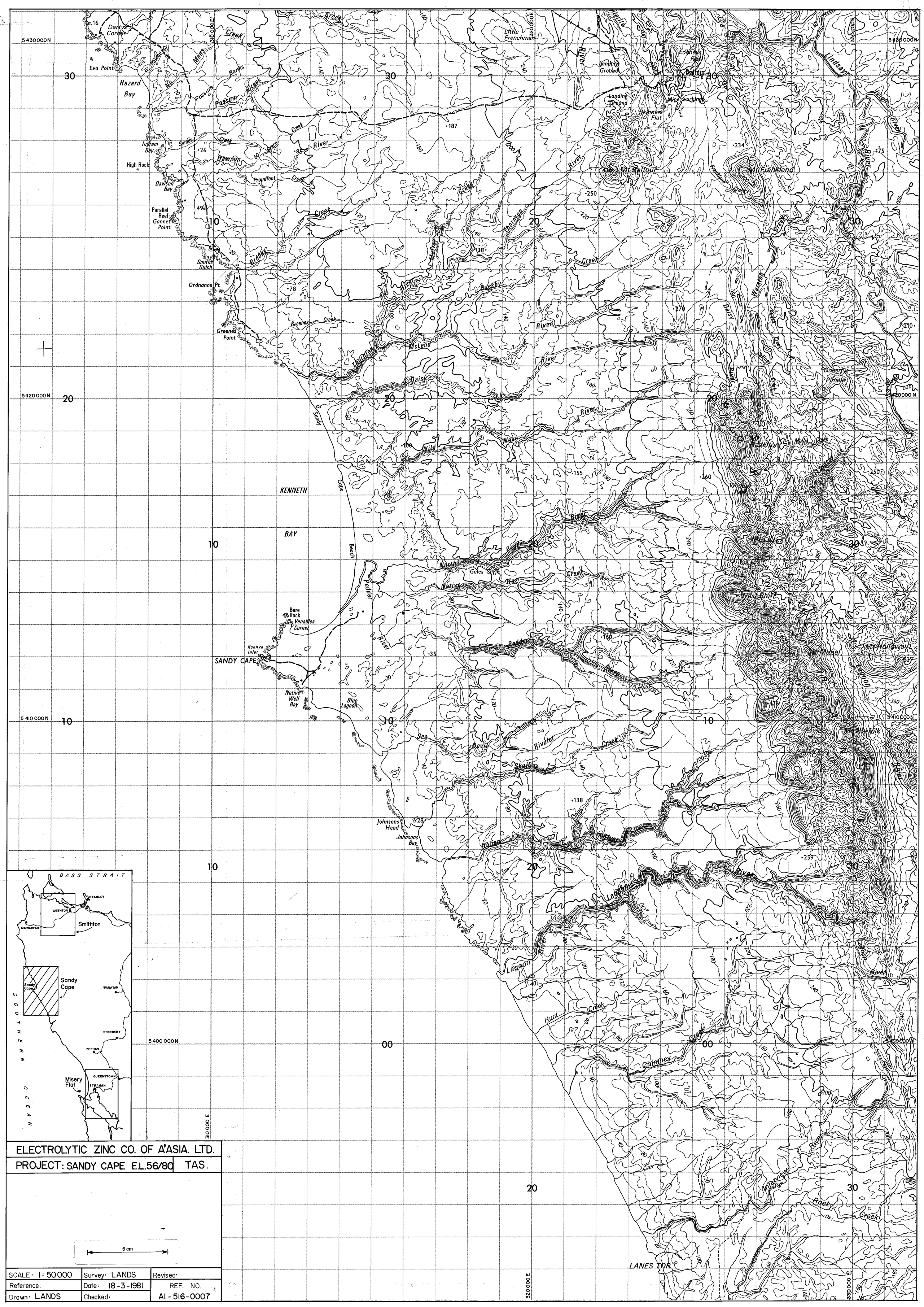
Drawn:	Checked:	

TCR 7 7516
E.Z. CO. OF
SANDY CAPE



ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

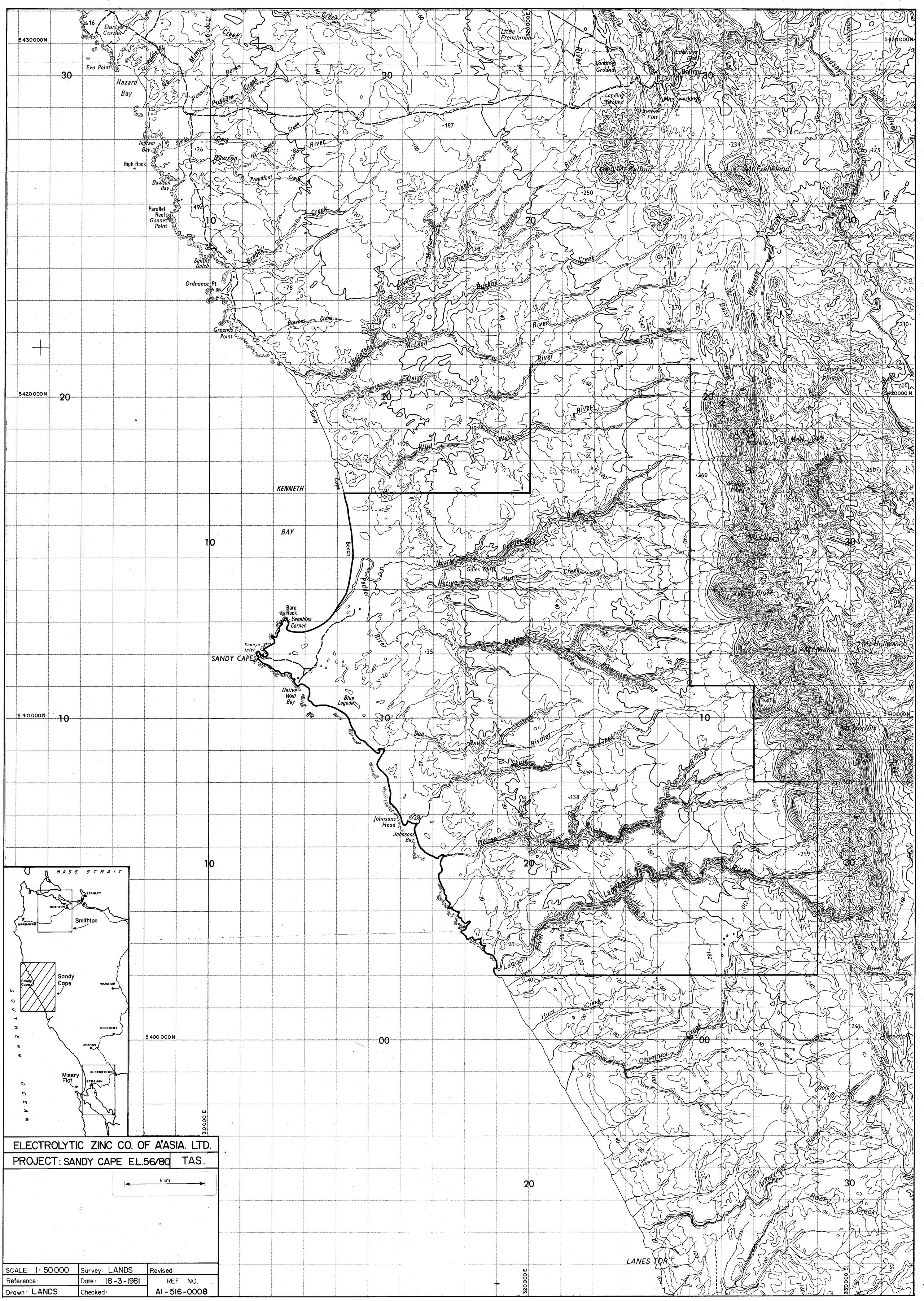
PROJECT: SANDY CAPE E.L.56/80 TAS.

5 cm

SCALE: 1:50000	Survey: LANDS	Revised:
Reference:	Date: 18-3-1981	REF. NO.
Drawn: LANDS	Checked:	AI-516-0007

ORIGINAL
DO NOT USE

TCR 94-3616
EL 56/80
E.Z. CO, GEOFFKO
SANDY CAPE



ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.		
PROJECT: SANDY CAPE E.L.56/80		TAS.
5 cm		
SCALE: 1:50000	Survey: LANDS	Revised:
Reference:	Date: 18-3-1981	REF. NO.
Drawn: LANDS	Checked:	AI-516-0008

TCR 94-3616
EL 56/80
E.Z. CO. GROPEKO
SANDY CAPE

310 000 E

320 000 E

330 000 E

5 430 000 N

30

Hazard Bay

Ingram Bay

Ordnance Pt

Mine workings

Lindsay River

20

KENNETH BAY

Cape Beerch

Venables Corner

SANDY CAPE

5 410 000 N

10

Johnsons Bay

Lagoon River

00

5 400 000 N

20

BASS STRAIT

STANLEY

SMITHTON

MARRAWAH

Smithton

Sandy Cape

WARATAH

ROSEBERY

ZEEHAN

QUEENSTOWN

STRAHAN

Misery Flat

SOUTHERN OCEAN

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.		
PROJECT: SANDY CAPE E.L. 56/80	TAS.	
5 cm		
SCALE: 1:50 000	Survey:	Revised:
Reference:	Date: 12·5·1981	REF. NO.
Drawn:	Checked:	AI-516-0009

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

5 430 000 N

30

310 000 E

320 000 E

330 000 E

Hazard Bay

Ingram Bay

Ordnance Pt

Mine workings

Lindsay River

5 420 000 N

20

KENNETH BAY

Cape Beach

Venables Corner

SANDY CAPE

Anomaly Grid No 1

Anomaly Grid No 2

5 410 000 N

10

Johnsons Bay

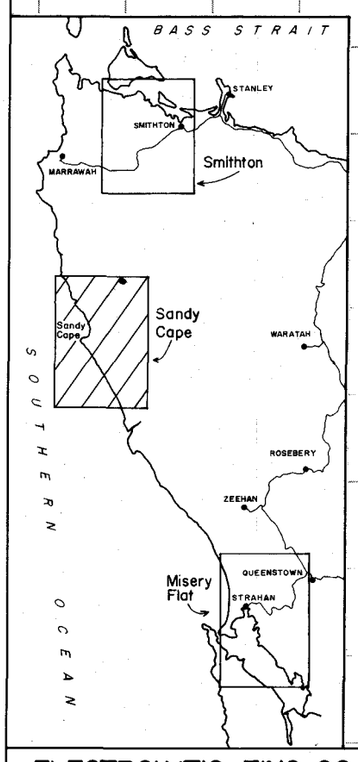
Lagoon River

10

5 400 000 N

00

20



ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L. 56/80 | TAS.

ANOMALY GRID

LOCATION PLAN

5 cm

SCALE: 1:50 000	Survey: I. McD.	Revised:
Reference:	Date: 12·5·1981	REF. NO
Drawn: R.J.R.	Checked:	A1-516-0010

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

311000 312000 313000 314000 315000 316000 317000 318000 319000 320000 321000

424000 423000 422000 421000 420000 419000 418000 417000 416000

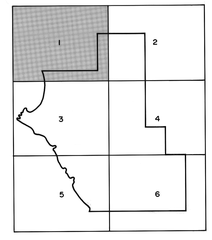
9041 980 970 960 950 940 930 920 910 900 890 880 871 860 850 841 830 820 810 800 790 780 774 761 750 740 730

9020 9030 9120 9130

SURVEY BOUNDARY

BASELINE VALUE -200nT VERTICAL SCALE 25nT per CM.

SHEET INDEX



5cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA – TAS.

AEROMAGNETIC TOTAL INTENSITY PROFILES

SCALE 1:10000

AO 516-0014

SURVEYED: FEB.'81	APPROVED: J.E.HAIGH
PROJECT N°: 81518	SHEET N°: 1

TCR 94-1616
E.Z. CO. GROPPERO
SANDY CAPE

321000 322000 323000 324000 325000 326000 327000 328000 329000 330000 331000

424000
423000
422000
421000
420000
419000
418000
417000
416000

9052

980 970 960 950 940 930 920 910 900 890 880 871 860 850 841 830 820 810 800 790 780 774 761 750 740 730

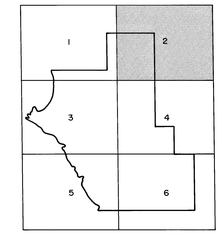
9041

9052

SURVEY BOUNDARY

BASELINE VALUE -200nT VERTICAL SCALE 25nT per CM.

SHEET INDEX



5cm

GEOEX
PTY LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA — TAS.

AEROMAGNETIC TOTAL INTENSITY PROFILES

SCALE 1:10000

AO 516-0012

SURVEYED: FEB.'81	APPROVED: J.E.HAIGH
PROJECT N°: 8151B	SHEET N° 2

TCR. 5816
TCR. 5816
2. CO. OF TAS.
GEOEX
SANDY CAPE

311000 312000 313000 314000 315000 316000 317000 318000 319000 320000 321000

416000 415000 414000 413000 412000 411000 410000 409000 408000

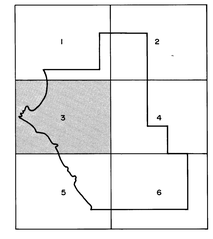
9020 9030 9041 1106 1116

730 720 710 700 690 681 670 660 650 640 630 620 610 600 590 580 570 560 555 540 530 520 510 500 491 480 470 461 451 442 430 420 410 400 390 380 370 360 350 340 330

SURVEY BOUNDARY

BASELINE VALUE -200nT VERTICAL SCALE 25nT per CM.

SHEET INDEX



5cm

GEOEX PTY LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA - TAS.

AEROMAGNETIC TOTAL INTENSITY PROFILES

SCALE 1:10000

AO 516-0016

SURVEYED: FEB.'81	APPROVED: J.E.HAIGH
PROJECT No: 81518	SHEET No: 3

SANDY CAPE
GEOEX
PTY LTD.
E.Z.C.
TAS.

321000 322000 323000 324000 325000 326000 327000 328000 329000 330000 331000

416000 415000 414000 413000 412000 411000 410000 409000 408000

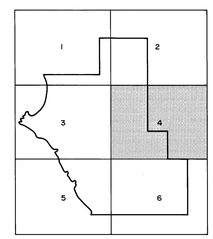
730 720 710 700 690 681 670 660 650 640 630 620 610 600 590 580 570 560 555 540 530 520 510 500 491 480 470 461 451 442 430 420 410 400 390 380 370 360 350 340 330

9052 9060 9072

SURVEY BOUNDARY

BASELINE VALUE -200nT VERTICAL SCALE 25nT per CM.

SHEET INDEX



5cm

GEOEX
PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA - TAS.

AEROMAGNETIC TOTAL INTENSITY PROFILES

SCALE 1:10000

AO 516-0013

SURVEYED: FEB.'81	APPROVED: J.E.HAIGH
PROJECT No: 81518	SHEET No 4

TCR. 94.1616
E.Z. CO. GEOPERCO
SANDY CAPE

311000 312000 313000 314000 315000 316000 317000 318000 319000 320000 321000

408000 407000 406000 405000 404000 403000 402000 401000 400000

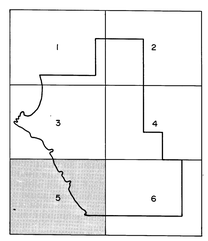
9020 9030 1436

340 330 320 310 300 290 280 270 260 250 240 230 220 210 201 190 180 170 160 150 141 130 120 110 100 90 81 71 61 50 40 30 21 10

SURVEY BOUNDARY

BASELINE VALUE -200nT VERTICAL SCALE 25nT per CM.

SHEET INDEX



5cm

GEOEX PTY LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA – TAS.

AEROMAGNETIC TOTAL INTENSITY PROFILES

SCALE 1:10000

AO 516-0011

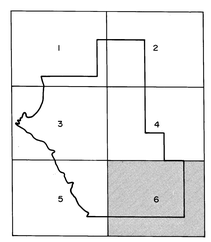
SURVEYED: FEB.'81	APPROVED: J.E.HAIGH
PROJECT Nº: 815/8	SHEET Nº 5

TCN 94/2616
ELECTROLYTIC ZINC CO. OF AUSTRALASIA LTD.
SANDY CAPE

SURVEY BOUNDARY

BASELINE VALUE -200nT VERTICAL SCALE 25nT per CM.

SHEET INDEX



5cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA — TAS.

AEROMAGNETIC TOTAL INTENSITY PROFILES

SCALE 1:10000

A0 516-0015

SURVEYED: FEB. '81	APPROVED: J.E. HAIGH
PROJECT Nº: 81518	SHEET Nº 6

TCR 94-3616
DLI 5/7/1996
CASE SANDY CAPE

311000 312000 313000 314000 315000 316000 317000 318000 319000 320000 321000

424000 423000 422000 421000 420000 419000 418000 417000 416000

⊕525 ⊕526 ⊕19 ⊕20 ⊕522 ⊕523

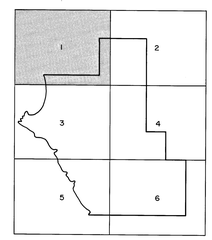
9041 9020 9030

980 2220 2236 2252 980
970 2606 2620 2634 970
960 2998 3014 3030 960
950 3418 950
940 3824 940
930 3956 4008 930
920 4320 4372 920
910 2124 2128 910
900 2546 2526 2598 900
890 2930 2906 890
880 3342 880
871 3920 3892 871
860 4286 4244 860
850 4630 4610 850
841 4754 4728 841
830 5190 5270 5242 830
820 5650 5674 5694 820
810 6122 6150 6102 810
800 6020 6038 6052 800
790 7096 7114 7128 7144 7160 7170 7182 7194 7218 7234 7252 790
780 7698 7696 7708 7720 7734 7748 7762 7788 7808 7820 7832 7844 780
774 1072 1060 1048 1036 1012 992 964 930 774
761 9022 9034 9048 9052 9080 9094 9112 9128 9144 9160 9172 9184 761
750 5158 5152 5138 5124 5114 5102 5084 5062 5048 5024 750
740 5620 5614 5598 5588 5578 5560 5544 5524 5508 740

4152 4154

SURVEY BOUNDARY

SHEET INDEX



5cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

FLIGHT PATH PLOT

SCALE 1:10000

AO 516-0022

SURVEYED: FEB. '81	APPROVED: J.E. HAIGH
PROJECT No: 81518	SHEET No: 1

TCR 84-3516
E.Z. CO. 5508
SANDY CAPE

321000 322000 323000 324000 325000 326000 327000 328000 329000 330000 331000

424000 423000 422000 421000 420000 419000 418000 417000 416000

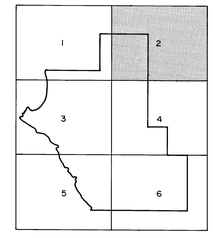
⊕526 ⊕527 ⊕21 ⊕104 ⊕523 ⊕524

9052 9041 9051 9061 9101 9201 9301 9401 9501

980: 2288 2284 2300 2316 2336 2354 2374 980
970: 2654 2670 2688 2704 2722 2748 2786 970
960: 3048 3064 3084 3100 3118 3134 3148 960
950: 3454 3470 3490 3508 3534 3554 950
940: 3684 3688 3712 3728 3744 3770 940
930: 4026 4046 4080 4074 4094 4114 930
920: 4406 4420 4434 4488 4490 920
910: 2110 2092 2074 2050 2032 2018 910
900: 2484 2470 2454 2438 2422 2406 900
890: 2884 2886 2850 2824 2820 2806 2792 890
880: 3276 3288 3246 3230 3214 3200 3184 880
871: 3886 3836 3810 3788 871
860: 4214 4198 4180 4158 4136 860
850: 4588 4572 4556 4540 4518 4500 850
841: 4830 4830 4846 4862 4882 4904 841
830: 5272 5290 5312 5322 5346 5380 830
820: 5708 5724 5736 5750 5766 5780 5794 5814 820
810: 6176 6194 6210 6224 6240 6260 6278 6290 810
800: 6670 6684 6700 6716 6732 6750 6786 6778 800
790: 7222 7288 7302 7318 7338 7352 7386 7380 790
780: 7836 7872 7882 7900 7914 7936 7958 7978 780
774: 818 884 872 856 840 828 774
761: 9196 9210 9224 9240 9264 9280 9294 9306 761
750: 5008 4990 4972 4954 4940 4926 4916 750
740: 5474 5482 5450 5432 5416 5408 5394 5374 740
730: 5890 5878 5858 5840 730

SURVEY BOUNDARY

SHEET INDEX



5 cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

FLIGHT PATH PLOT

SCALE 1:10000

AO 516-0021

SURVEYED: FEB. '81	APPROVED: J.E. HAIGH
PROJECT Nº : 81518	SHEET Nº 2

TCR 84-1316
E.Z. CO. TASMANIA
SANDY CAPE

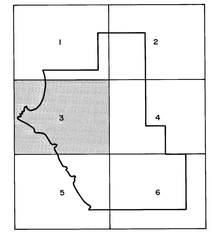
311000 312000 313000 314000 315000 316000 317000 318000 319000 320000 321000

416000 415000 414000 413000 412000 411000 410000 409000 408000

9020 9030 9041

SURVEY BOUNDARY

SHEET INDEX



5cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

FLIGHT PATH PLOT

SCALE 1:10000

A0 516-0020

SURVEYED: FEB. '81	APPROVED: J.E.HAIGH
PROJECT NO: 81518	SHEET NO 3

TCR 94-3516
DOC 5600KO
CASE 5400PS

321000 322000 323000 324000 325000 326000 327000 328000 329000 330000 331000

416000 415000 414000 413000 412000 411000 410000 409000 408000

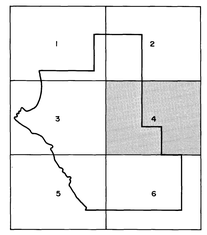
730 6536 5946 5930 730
720 6408 6392 6370 6350 6336 6318 720
710 6916 6904 6892 6876 6884 6854 6842 6830 6820 710
700 7512 7498 7480 7480 7450 7434 7420 7410 700
690 8092 8054 8034 8022 8008 7994 690
681 8814 8788 8772 8732 8722 681
670 9772 9792 9806 9824 9848 9872 670
660 10328 10348 10362 10382 10402 10430 660
650 10930 10952 10972 10988 11012 11024 650
640 9420 9398 9374 9354 9336 9314 640
630 9954 9954 9936 9914 9898 9878 630
620 10540 10518 10498 10478 10462 10452 620
610 4382 4378 4394 4410 4426 4442 4472 610
600 3680 3698 3712 3728 3744 3758 600
590 2950 2986 2982 2998 3014 3038 590
580 2220 2218 2236 2252 2268 2284 2310 580
570 1464 1480 1496 1512 1528 1544 1560 1576 570
560 796 812 828 844 860 876 896 560
555 1430 1462 1480 555
540 5410 1328 5332 5320 540
530 4580 4562 4548 4532 4518 4502 4478 530
520 3876 3860 3844 3828 3810 3794 3780 520
510 3158 3142 3128 3112 3096 3068 3052 510
500 2428 2410 2392 2376 2354 2338 2322 500
491 1708 1694 1676 1662 1644 1628 1614 1598 491
480 5104 5120 5136 5158 5176 5192 5208 5226 5260 480
470 730 750 768 768 808 828 844 470
461 1044 1024 1002 982 964 944 926 910 896 878 461
451 1652 1634 1614 1594 1578 1558 1538 1518 451
442 2142 2162 2182 2202 2222 2242 2256 2272 2290 442
430 2850 2866 2884 2904 2922 2938 2960 2978 3002 430
420 3572 3594 3612 3632 3650 3680 3698 3724 420
410 4288 4314 4338 4354 4372 4390 4408 4424 4438 410
400 5012 5030 5048 5066 5082 5106 5126 5148 400
390 5704 5720 5740 5758 5780 5802 5818 5844 390
380 6372 6428 6458 6478 6522 6524 380
370 1642 1626 1610 1592 1576 1560 1544 1524 1500 370
360 2442 2422 2402 2382 2362 2342 2318 360
350 3122 3156 3138 3118 3098 3078 3058 3038 350
340 3930 3914 3894 3874 3852 3838 3818 3774 3758 3748 340
330 4642 4624 4606 4590 4576 330 4490 4472 330
⊕520 ⊕521 ⊕524 ⊕95

9052 1054 1122 1192 1258 1328 1392 9050 9072 1842

⊕12 ⊕18 ⊕11 ⊕103 ⊕102 ⊕17

SURVEY BOUNDARY

SHEET INDEX



5cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

FLIGHT PATH PLOT

SCALE 1:10000

AO 516-0018

SURVEYED: FEB.'81	APPROVED: J.E.HAIGH
PROJECT Nº: 8158	SHEET Nº 4

PCR 94.3416
PCR 94.3417
R.F. COL. GEOFOTO
SANDY CAPE

311000 312000 313000 314000 315000 316000 317000 318000 319000 320000 321000

408000 407000 406000 405000 404000 403000 402000 401000 400000

⊕519 ⊕520 ⊕516 ⊕517 ⊕10 ⊕89 ⊕206

9020 9020 9030 9030 9041 9041

340 4074 4060 4046 340 4708 330 320

330 4794 4778 4762 4744 4728 5380 5362

320 5484 5474 5454 5436 5406 6098 6080 6060 310

310 6180 3922 6164 6132 6784 6788 6756 300

300 6662 6852 6828 6944 6940 7698 7716 7738 290

290 6898 6916 7672 7656 7536 7510 7490 280

280 7614 7624 7556 8244 8208 8192 270

270 7586 7578 8228 8266 8404 8428 8458 260

260 8306 8354 8380 9080 9088 9120 9140 250

250 8324 9038 9060 9748 9722 9794 3822 240

240 9016 9706 9728 10414 10436 10454 10472 230

230 9684 10378 10394 11104 11122 11148 220

220 10356 11082 11756 11782 11804 11824 210

210 11054 11736 8176 8196 8216 8240 201

201 11736 8156 8924 8978 8956 8936 8914 190

190 8156 9654 9642 9622 9622 9574 180

180 8924 10324 10306 10284 10264 10244 10232 170

170 9654 11012 11000 10980 10960 10936 160

160 10324 11714 11688 11688 11646 11622 150

150 11012 564 584 606 626 646 141

141 11714 1178 1184 1148 1124 1106 130

130 564 7552 7574 7596 7624 120

120 1178 6952 6970 6992 6928 7020 110

110 7552 6364 6380 6396 6414 6432 100

100 6952 5710 5726 5742 5760 5780 90

90 6364 1198 1216 1234 1280 1272 81

81 5710 1118 1138 1158 1176 71

71 1198 8142 8122 8108 8088 61

61 1118 7532 7508 7480 50

50 8142 6946 6928 6910 40

40 7532 6350 6334 6314 6298 30

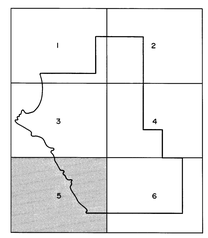
30 6946 1694 1680 1666 21

21 6350 10

10 1694

SURVEY BOUNDARY

SHEET INDEX



5cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

FLIGHT PATH PLOT

SCALE 1:10000

AO 516-0019

SURVEYED: FEB '81	APPROVED: J.E. HAIGH
PROJECT Nº: 81SIB	SHEET Nº 5

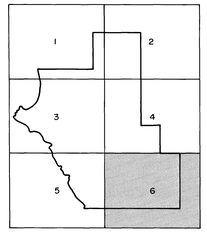
TCS 94-1616
81 SIB 05
CONTOUR
DATE

321000 322000 323000 324000 325000 326000 327000 328000 329000 330000 331000

408000 407000 406000 405000 404000 403000 402000 401000 400000

SURVEY BOUNDARY

SHEET INDEX



5cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

FLIGHT PATH PLOT

SCALE 1:10000

AO 516-0017

SURVEYED FEB. '81	APPROVED J.E.HAIGH
PROJECT Nº : 81518	SHEET Nº 6

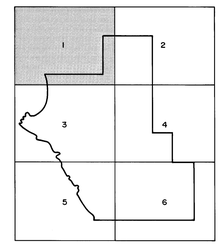
TCB 94-3516
CLL 5/10/2000
SANDY CAPE

424000 N
423000 N
422000 N
421000 N
420000 N
419000 N
418000 N
417000 N
416000 E
311000 E
312000 E
313000 E
314000 E
315000 E
316000 E
317000 E
318000 E
319000 E
320000 E
321000 E

SURVEY BOUNDARY

CONTOUR INTERVAL 5nT

SHEET INDEX



5 cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

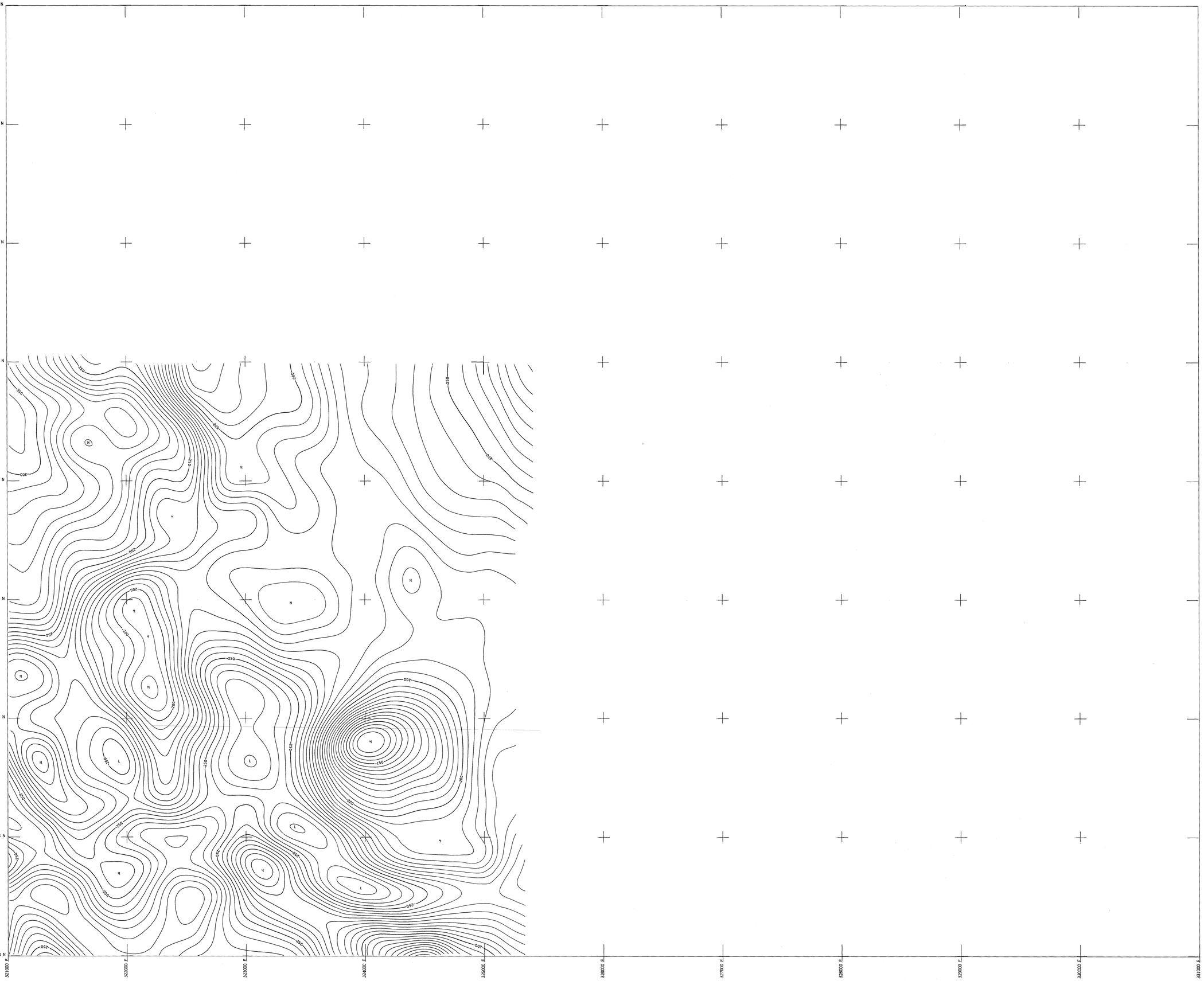
AEROMAGNETIC TOTAL INTENSITY CONTOURS

SCALE 1:10000

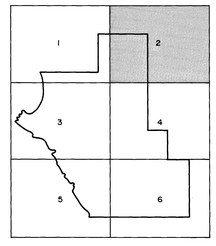
AO 516-0023

SURVEYED: FEB. '81	APPROVED: J.E.HAIGH
PROJECT Nº : 8151B	SHEET Nº: 1

TCR 94-3616
EL 56/80
SANDY CAPE



SHEET INDEX



6 cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

AEROMAGNETIC TOTAL INTENSITY CONTOURS

SCALE 1:10000

AO 516-0024

SURVEYED: FEB.'81	APPROVED: J.E.HAIGH
PROJECT NO: 81SIB	SHEET NO 2

TCN 94 516
B.M. 2.7.13
CO-ORD GRID
SURVEY CNTR

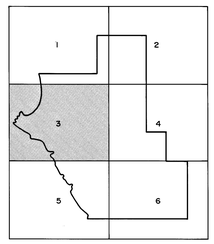
416000 N
415000 N
414000 N
413000 N
412000 N
411000 N
410000 N
409000 N
408000 N

311000 E
312000 E
313000 E
314000 E
315000 E
316000 E
317000 E
318000 E
319000 E
320000 E
321000 E

SURVEY BOUNDARY

CONTOUR INTERVAL 5nT

SHEET INDEX



5 cm

GEOEX
PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

AEROMAGNETIC TOTAL INTENSITY CONTOURS

SCALE 1:10000

AO 516-0025

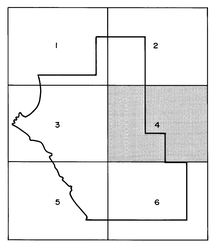
SURVEYED: FEB '81	APPROVED: J.E.HAIGH
PROJECT № : 81518	SHEET № 3

TCR. 94-3614
RSL 5670/80
SANDY CAPE
R. 2. 2

SURVEY BOUNDARY

CONTOUR INTERVAL 5nT

SHEET INDEX



5 cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

AEROMAGNETIC TOTAL INTENSITY CONTOURS

SCALE 1:10000

AO 516-0026

SURVEYED: FEB. '81	APPROVED: J.E. HAIGH
PROJECT NO: 81518	SHEET NO: 4

TCR 94-3616
TEL 56/080
SANDY CAPE
ZONE 55

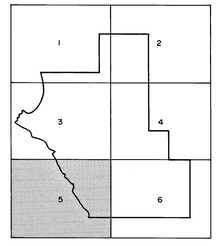
408000 N
407000 N
406000 N
405000 N
404000 N
403000 N
402000 N
401000 N
400000 N

311000 E
312000 E
313000 E
314000 E
315000 E
316000 E
317000 E
318000 E
319000 E
320000 E
321000 E

SURVEY BOUNDARY

CONTOUR INTERVAL 5nT

SHEET INDEX



5 cm

GEOEX PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

AEROMAGNETIC TOTAL INTENSITY CONTOURS

SCALE 1:10000

AO 516-0027

SURVEYED: FEB. '81	APPROVED: J.E. HAIGH
PROJECT No: 81518	SHEET No: 5

TCR 94-3616
EL 5/78 (RENEWAL)
E, Z, TO
SANDY CAPE

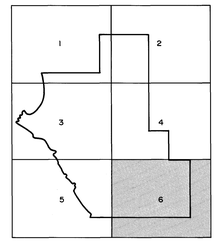
408000 N
407000 N
406000 N
405000 N
404000 N
403000 N
402000 N
401000 N
400000 N

321000 E
322000 E
323000 E
324000 E
325000 E
326000 E
327000 E
328000 E
329000 E
330000 E
331000 E

SURVEY BOUNDARY

CONTOUR INTERVAL 5nT

SHEET INDEX



5 cm

GEOEX
PTY. LTD.

ELECTROLYTIC ZINC CO. OF AASIA LTD.

SANDY CAPE AREA-TAS.

AEROMAGNETIC TOTAL INTENSITY CONTOURS

SCALE 1:10000

A0 516 - 0028

SURVEYED: FEB. '81	APPROVED: J.E. HAIGH
PROJECT No: 81518	SHEET No: 6

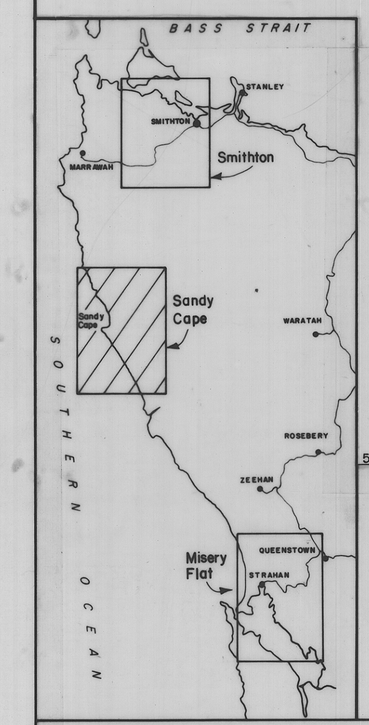
TCR 94-1616
EL 5/80
OREMCO
SANDY CAPE
R.2

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

AI-516-0035

310 000 E
320 000 E
330 000 E
5 430 000 N
5 420 000 N
5 410 000 N
5 400 000 N

4a 1 3a 2 4b 3b 4c 5 6a 6b 9 8 7
10a 10b 11 12 13 14 17 16a 15a 20a 18a 15b 20b 19 18b 16b 20c 21a 21b 23a 24 21c 22 25 23b 26 27



ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L.56/80 | TAS.

SANDY CAPE
AEROMAGNETIC SURVEY

Contour Interval 5 gammas

Scale : 1:50 000	Survey : Geoex	Revised :
Reference : EZ/MG 82/01	Date : Feb. 1981	FIG. 2
Drawn : T.G.D.S.	Ref. No.: AI-516-0035	

LEGEND:

- − 50 to 0 Gammas
- − 100 to −50
- − 125 to −100
- − 150 to −125
- − 175 to −150
- − 200 to −175
- − 225 to −200
- − 250 to −225
- − 300 to −250
- to −300 Gammas
- Interpreted granite contact (Compare with boundary shown in Figure 1)

SURVEY SPECIFICATIONS

Flown by	:	Geoex
Date	:	Jan. 1981
Flight line direction	:	East - West
Flight line spacing	:	200 m
Sensor height	:	100 m

This map has been compiled from reductions of the original 1:10000 sheets

5 cm

310 000 E

320 000 E

330 000 E

5 430 000 N

5 420 000 N

5 410 000 N

5 400 000 N

310 000 E.

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L.56/80 TAS.

SANDY CAPE
AEROMAGNETIC SURVEY

Contour Interval 5 gammas

5 cm

Scale : 1:50 000	Survey : Geoex	Revised :
Reference :	Date : Feb. 1981	REF. NO.
Drawn : T.G.D.S.	Checked :	AI 516-0029

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

COMBINED AIRBORNE EM AND MAGNETOMETER SURVEY

BARRINGER "INPUT" ELECTROMAGNETIC SYSTEM

ISOMAGNETIC CONTOUR MAP

PIEMAN RIVER AREA

TASMANIA, AUSTRALIA

FOR

ESSO AUSTRALIA LTD.

SHEET 5

AX 516-0030

5cm

SCALE : 1/24,000 APPROXIMATELY

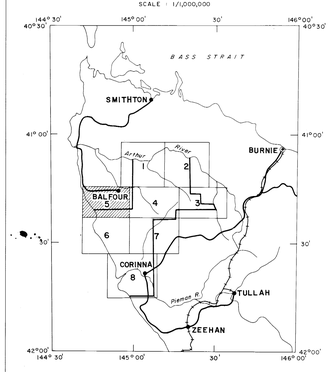
SURVEY FLOWN & PROCESSED BY
geoterrex limited
OTTAWA
HOUSTON - TUCSON

FLOWN IN MARCH, 1975

GEOTERREX PROJECT No. 83-128

LOCATION MAP

SCALE : 1/1,000,000



LEGEND

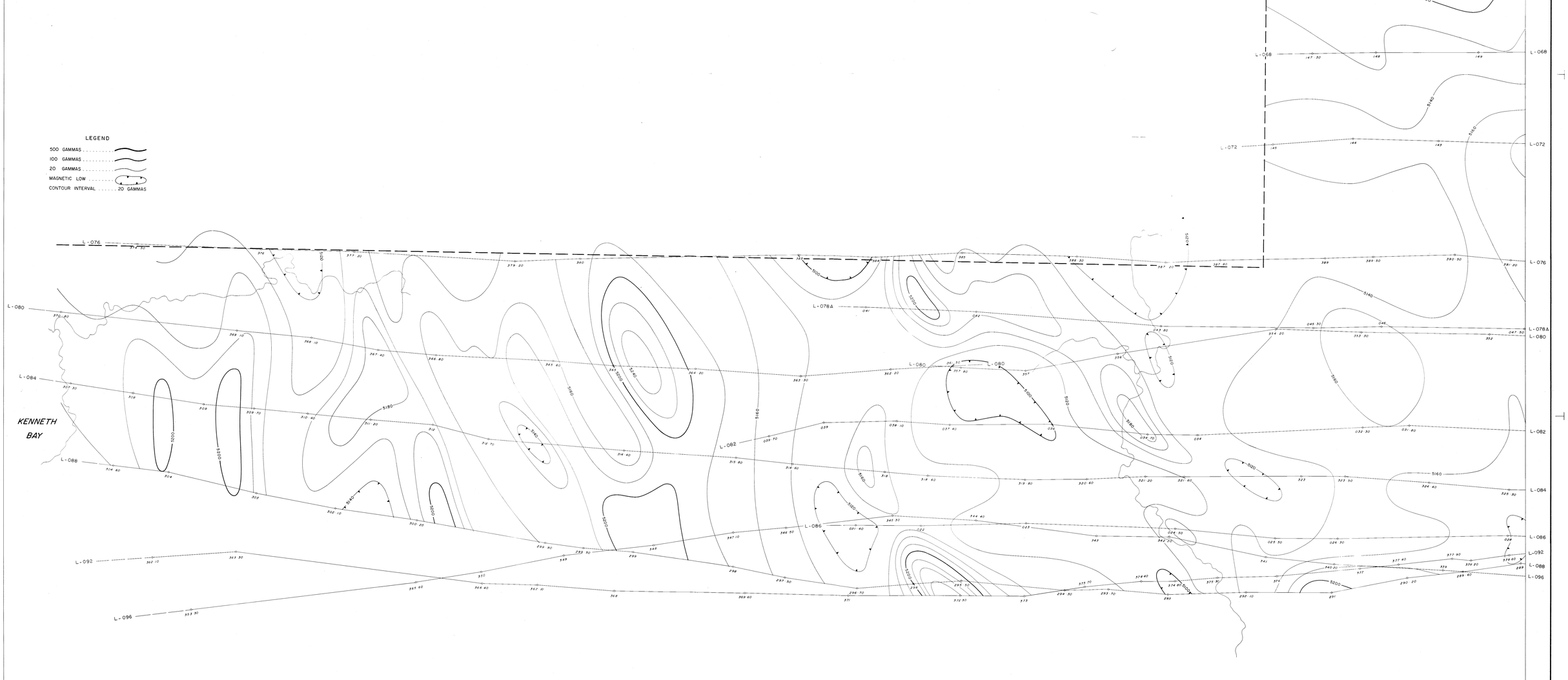
500 GAMMAS

100 GAMMAS

20 GAMMAS

MAGNETIC LOW

CONTOUR INTERVAL ..... 20 GAMMAS



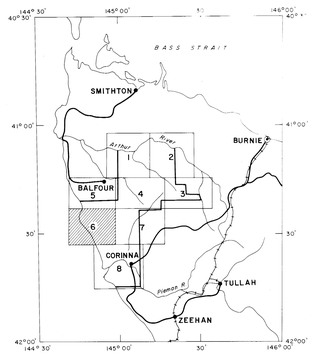
TCR 94-3616
RSL 56/78/0
DO NOT DISCARD
E.Z. DISPOSERO
SANDY CAPE

AX 516-0033

KENNETH BAY

LOCATION MAP

SCALE 1/1,000,000



COMBINED AIRBORNE EM AND MAGNETOMETER SURVEY

BARRINGER "INPUT" ELECTROMAGNETIC SYSTEM

ISOMAGNETIC CONTOUR MAP

PIEMAN RIVER AREA

TASMANIA, AUSTRALIA

FOR

ESSO AUSTRALIA LTD.

SHEET 6

5 cm

SCALE 1/24,000 APPROXIMATELY

3 MILE 0 1 2 3

0.5 0.25 0 0.5 1 1.5 2 2.5 KILOMETERS

SURVEYED COMPILED & INTERPRETED BY
GEOPHYSICAL SERVICES

LEGEND

500 GAMMAS

100 GAMMAS

20 GAMMAS

MAGNETIC LOW

CONTOUR INTERVAL ..... 20 GAMMAS

TCR 94-3616
SEP 15 1994
B.Z. CO. CEDRIBRO
SANDY CAPE

COMBINED AIRBORNE EM AND MAGNETOMETER SURVEY

BARRINGER "INPUT" ELECTROMAGNETIC SYSTEM

EM PLAN MAP

PIEMAN RIVER AREA

TASMANIA, AUSTRALIA

FOR

ESSO AUSTRALIA LTD.

SHEET 5

AX 516-0031

5 cm

SCALE : 1/24,000 APPROXIMATELY

1 MILE 0 1 2

0.5 0.25 0 0.5 1 1.5 2 2.5 KILOMETERS

SURVEYED, COMPILED & INTERPRETED BY
geoterrex limited
OTTAWA
HOUSTON - TUCSON

FLOWN IN MARCH, 1973

GEOTERREX PROJECT No. 83-128

INPUT LEGEND

6 CHANNEL ANOMALY
5 CHANNEL ANOMALY
4 CHANNEL ANOMALY
3 CHANNEL ANOMALY
2 CHANNEL ANOMALY
1 CHANNEL ANOMALY

PEAK POSITION
1st and 4th. CHANNEL AMPLITUDES
ALTITUDE (FEET)
COINCIDENT MAGNETIC ANOMALY (GAMMAS)
OFFSET MAGNETIC ANOMALY

CULTURAL ANOMALY (INTERPRETED)
RESIDUAL ANOMALY (INTERPRETED)

50 Hz WITH NORMAL ANOMALY
50 Hz WITH ABNORMAL ANOMALY

INTERPRETATION LEGEND

CONDUCTOR OUTLINE AND
IDENTIFICATION NUMBER
SELECTED CONDUCTOR

LOCATION MAP

SCALE : 1/1,000,000

144° 30' 145° 00' 30' 146° 00'
40° 30' 41° 00' 30' 42° 00'

BASS STRAIT
SMITHTON
BURNIE
Arthur River
BALFOUR
CORINNA
Pieman R.
TULLAH
ZEEHAN
1 2 3 4 5 6 7 8

FRANKLAND RIVER
PR1-10
PR5-1
L-048 L-050 L-052 L-056 L-060 L-064 L-068 L-072 L-076 L-078A L-080 L-082 L-084 L-086 L-088 L-092 L-096
KENNETH BAY

TCR 94-3616
RE: 56/8690
E-Z-SAN CONSULTING
SANDY CAVE

AX 516-0032

TCR 94-3616
ELL 16(2)
DWG 16(2)0280
E.Z. 16(2)0280KO
SANDY CAPE

KENNETH BAY

L-088 8/10 x 450 3/0·2 x 500 3/– x 400 L-092 L-088 L-090 L-094 L-099 L-100 L-101 L-098 L-104B L-104A L-104 L-102 L-108A L-108 L-106 L-108C L-108B L-110 L-111 L-112 L-113 L-114 L-116 L-120 L-124 L-128 L-132

L-092 30/10 x 450 31/5 x 400

L-096 30/5·0 x 400 9/1·2 x 400 2·1/4·5 x 400 1/0·5 x 400 7·1/5 x 400 PR6-1

L-100 19/5·0 x 400

L-104 27/10 x 450 5/0·5 x 350

L-108 3/– x 400

L-112 37/10·7

L-116 3/– x 400 PR6-3 3/– x 400 PR6-2 3·5/0·5 x 400

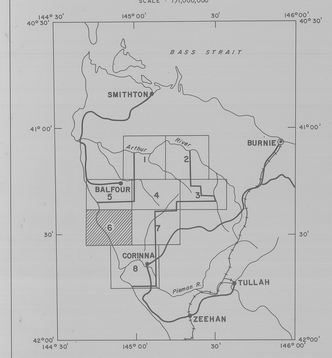
L-101 L-098 L-104A L-104 L-102 PR6-4 5/0·5 x 350 5/0·5 x 400

L-106 L-108A L-108C L-108B L-110 L-111 L-113 L-114 L-116 L-120 PR6-5 4·5/0·4 x 440

L-124 L-128 L-132

LOCATION MAP

SCALE : 1/1,000,000



COMBINED AIRBORNE EM AND MAGNETOMETER SURVEY

BARRINGER "INPUT" ELECTROMAGNETIC SYSTEM

EM PLAN MAP

PIEMAN RIVER AREA

TASMANIA, AUSTRALIA

FOR

ESSO AUSTRALIA LTD.

SHEET 6

5 cm

SCALE : 1/24,000 APPROXIMATELY

1 MILE 0 ½ 1 1½ 2

0.5 0.25 0 0.5 1 1.5 2 2.5 KILOMETERS

SURVEYED, COMPILED & INTERPRETED BY

geoterrex limited

OTTAWA

INPUT LEGEND

6 CHANNEL ANOMALY
5 CHANNEL ANOMALY
4 CHANNEL ANOMALY
3 CHANNEL ANOMALY
2 CHANNEL ANOMALY
1 CHANNEL ANOMALY

PEAK POSITION
1st and 4th CHANNEL AMPLITUDES 19/3.3
ALTITUDE (FEET) 450
COINCIDENT MAGNETIC ANOMALY (GAMMAS) 50γ
OFFSET MAGNETIC ANOMALY 25γ
CULTURAL ANOMALY (INTERPRETED) C
RESIDUAL ANOMALY (INTERPRETED)
50 Hz WITH NORMAL ANOMALY 50 Hz
50 Hz WITH ABNORMAL ANOMALY

INTERPRETATION LEGEND

CONDUCTOR OUTLINE AND IDENTIFICATION NUMBER 32-3
SELECTED CONDUCTOR

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

49

AI-516-0034

310 000 E
320 000 E
330 000 E
5 430 000 N
5 420 000 N
5 410 000 N
5 400 000 N
30
20
10
10
00
20

Hazard Bay
Ingram Bay
Ordnance Pt
Mine workings
Lindsay River
KENNETH
Cape
BAY
Beach
Venables Corner
SANDY CAPE
Johnsons Bay
Lagoon
River
Lagoon
River
P€
L076
L080
L082
L084
L086
L088
L090
L092
L094
L096
L098
L100
L101
L104
L104A
L106
L108
L108C
L1088
L110
L111
L112
L113
L114
L116
L120
L124
L128
L132
PR6-1
PR6-2
PR6-3
PR6-4
PR6-5
4/.450
11/10
5/10.470
17/5.0.420
8/10.460
3/02.520
2/.380
30/10.420
31/8.400
7/05.460
25/5.400
9/6.400
22/4.400
20/5.0.400
35/02.400
19/50.400
27/10.400
5/05.420
3/.400
37/10
4570-4.440
2/.400
5/05.380
5/02.400

BASS STRAIT
STANLEY
SMITHTON
MARRAWAH
Smithton
Sandy Cape
WARATAH
ROSEBERY
ZEEHAN
QUEENSTOWN
STRAHAN
Misery Flat
SOUTHERN OCEAN

INPUT LEGEND

6 CHANNEL ANOMALY
5 CHANNEL ANOMALY
4 CHANNEL ANOMALY
3 CHANNEL ANOMALY
2 CHANNEL ANOMALY
1 CHANNEL ANOMALY
PEAK POSITION
1st and 4th CHANNEL AMPLITUDES
ALTITUDE (FEET)
COINCIDENT MAGNETIC ANOMALY (GAMMAS)
OFFSET MAGNETIC ANOMALY
CULTURAL ANOMALY (INTERPRETED)
RESIDUAL ANOMALY (INTERPRETED)
50 Hz WITH NORMAL ANOMALY
50 Hz WITH ABNORMAL ANOMALY

INTERPRETATION LEGEND

CONDUCTOR OUTLINE AND IDENTIFICATION NUMBER (S2-3)
SELECTED CONDUCTOR

INPUT SURVEY 1973 for Esso Aust. Ltd.

GEOLOGY LEGEND

Alluvium
Tertiary Basalt
Devonian Granite
Precambrian Sediments
Hinge of fold, showing plunge direction

Source of geology – Mines Dept.
1: 250,000
SK55-3 (Burnie)

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L. 56/80 | TAS.

SANDY CAPE

GEOLOGY & INPUT ANOMALIES

5 cm

SCALE 1:50 000	Survey:	Revised
Reference: EZ/MG82/01	Date: JANUARY 1982	FIG. 1
Drawn: T.G.D.S.	Ref. No: AI-516-0034	

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

59

2X-516-0036

PHOTOGEOLOGICAL WORK-SHEET MAP OF THE SANDY CAPE AREA, TASMANIA

Scale 1 : 40 000 (Photoscale)

1 0 1 2 3 4 5 km

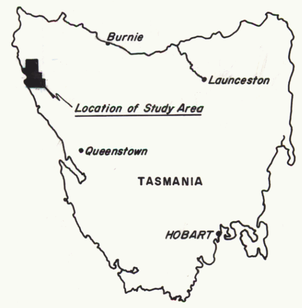
5 cm

LEGEND

QUATERNARY	Qa	Alluvium
	Qbs	Active coastal beaches and dunes
	Qs	Stabilized coastal dunes and sands
TERTIARY	Ts	Sandstones and conglomerates, silicified in places close to fault zones
DEVONIAN	Dg	Muscovite granite with tourmaline-rich aplite dykes
PROTEROZOIC – Lagoon River Quartzite	Eql	Mature fine grained, cross-bedded quartzites with a possible tuffaceous component in the lower parts of the sequence exposed in the area.

- Unconformity
- Trace of bedding
- Geological contact
- Inferred geological contact
- Boundary of surficial deposits
- Dip of strata, moderate and steep
- Fracture
- Fault
- Inferred fault
- Dolerite dyke
- R9 / 11 Photocentre

LOCATION DIAGRAM



Undertaken on behalf of ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED

by HUNTING GEOLOGY AND GEOPHYSICS (AUSTRALIA) PTY LIMITED FEBRUARY 1982 GA 94 / 81

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

2X-516-0036
2X-516-0037

PHOTOGEOLOGICAL WORK-SHEET MAP OF THE SANDY CAPE AREA, TASMANIA

Scale 1 : 40 000 (Photoscale)

0 1 2 3 4 5 km

5 cm

LEGEND

QUATERNARY	Qa	Alluvium
	Qbs	Active coastal beaches and dunes
	Qs	Stabilized coastal dunes and sands
TERTIARY	Ts	Sandstones and conglomerates, silicified in places close to fault zones
DEVONIAN	Dg	Muscovite granite with tourmaline-rich aplite dykes
PROTEROZOIC - Lagoon River Quartzite	Eql	Mature fine grained, cross-bedded quartzites with a possible tuffaceous component in the lower parts of the sequence exposed in the area.

- Unconformity
- Trace of bedding
- Geological contact
- Inferred geological contact
- Boundary of surficial deposits
- Dip of strata, moderate and steep
- Fracture
- Fault
- Inferred fault
- Dolerite dyke
- R9 / 11 Photocentre

LOCATION DIAGRAM

Undertaken on behalf of ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED

by HUNTING GEOLOGY AND GEOPHYSICS (AUSTRALIA) PTY LIMITED FEBRUARY 1982 GA 94 / 81

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

51

2X-516-0037

PHOTOGEOLOGICAL WORK-SHEET MAP OF THE SANDY CAPE AREA, TASMANIA

Scale 1 : 40 000 (Photoscale)

1 0 1 2 3 4 5 km

5 cm

LEGEND

QUATERNARY	Qa	Alluvium
	Qbs	Active coastal beaches and dunes
	Qs	Stabilized coastal dunes and sands
TERTIARY	Ts	Sandstones and conglomerates, silicified in places close to fault zones
DEVONIAN	Dg	Muscovite granite with tourmaline-rich aplite dykes
PROTEROZOIC – Lagoon River Quartzite	Eql	Mature fine grained, cross-bedded quartzites with a possible tuffaceous component in the lower parts of the sequence exposed in the area.

- Unconformity
- Trace of bedding
- Geological contact
- Inferred geological contact
- Boundary of surficial deposits
- Dip of strata, moderate and steep
- Fracture
- Fault
- Inferred fault
- Dolerite dyke
- R9 — Photocentre

LOCATION DIAGRAM

Undertaken on behalf of ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED

by HUNTING GEOLOGY AND GEOPHYSICS (AUSTRALIA) PTY LIMITED FEBRUARY 1982 GA 94 / 81

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

A1-516-003B

310 000 E
320 000 E
330 000 E
5 430 000 N
5 420 000 N
5 410 000 N
5 400 000 N
30
20
10
00
Hazard Bay
Ingram Bay
Ordnance Pt
Cape Beach
KENNETH BAY
Venables Corner
SANDY CAPE
Johnsons Bay
Mine workings
Lindsay River
Lagoon River
Lagoon
BASS STRAIT
STANLEY
SMITHTON
Smithton
MARRAWAH
Sandy Cape
WARATAH
ROSEBERY
ZEEHAN
QUEENSTOWN
STRAHAN
Misery Flat
SOUTHERN OCEAN
5 cm

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L. 56/80 | TAS.

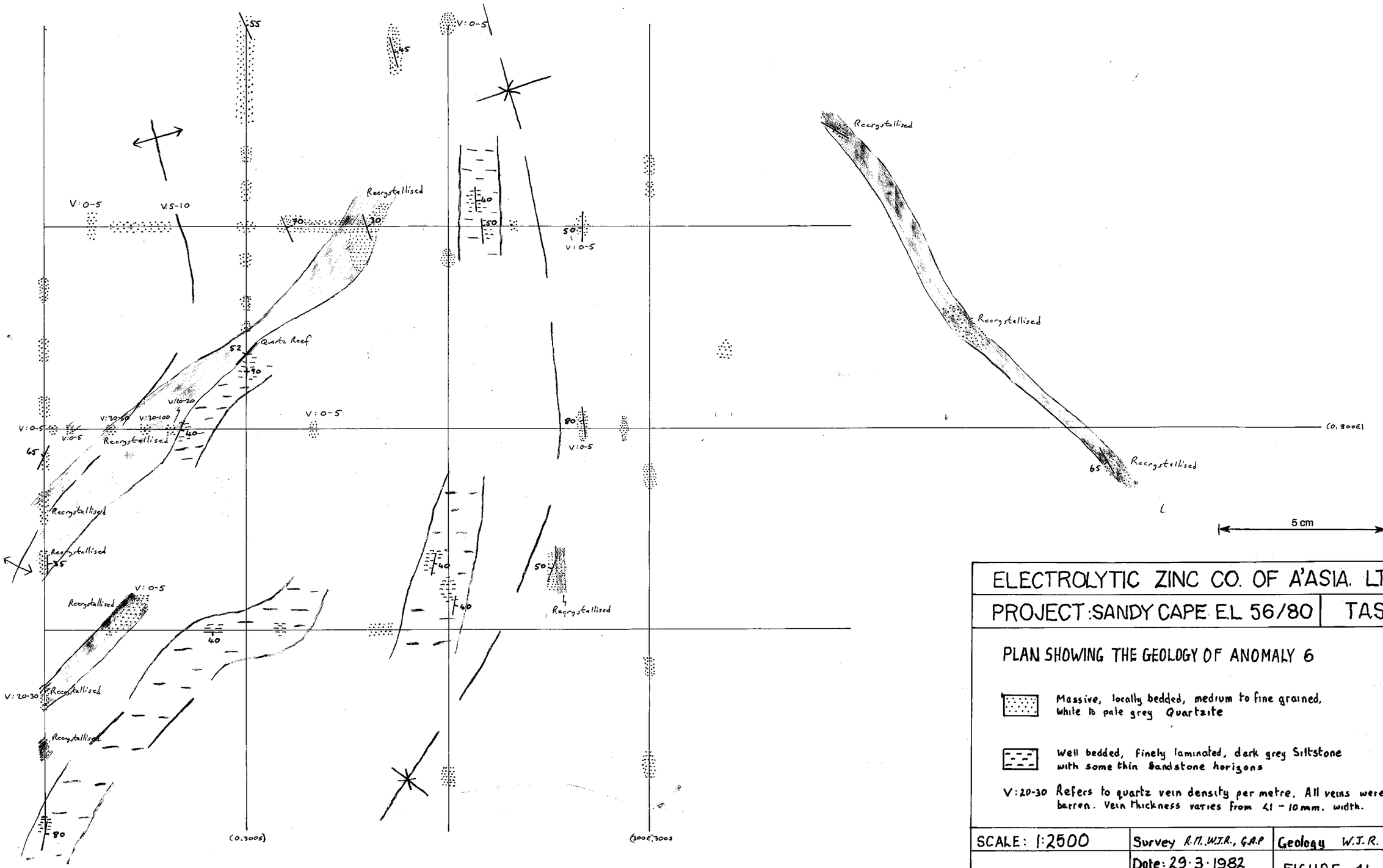
PLAN SHOWING LOCATIONS OF E.Z. Co. (1982) STREAM SEDIMENT SAMPLES

Numbers refer to E.Z. Stream Sediment Samples. Original plotting on 1:40,000 aerial photographs.

SCALE: 1:50 000	Survey:	Revised:
Reference:	Date 29·3 1982	REF. NO
Drawn: R.M.	Checked:	FIGURE 43

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

AB-516-0039



ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.	
PROJECT: SANDY CAPE E.L. 56/80	TAS.

PLAN SHOWING THE GEOLOGY OF ANOMALY 6

Massive, locally bedded, medium to fine grained, white to pale grey Quartzite

Well bedded, finely laminated, dark grey Siltstone with some thin Sandstone horizons

V:20-30 Refers to quartz vein density per metre. All veins were barren. Vein thickness varies from <1 - 10mm. width.

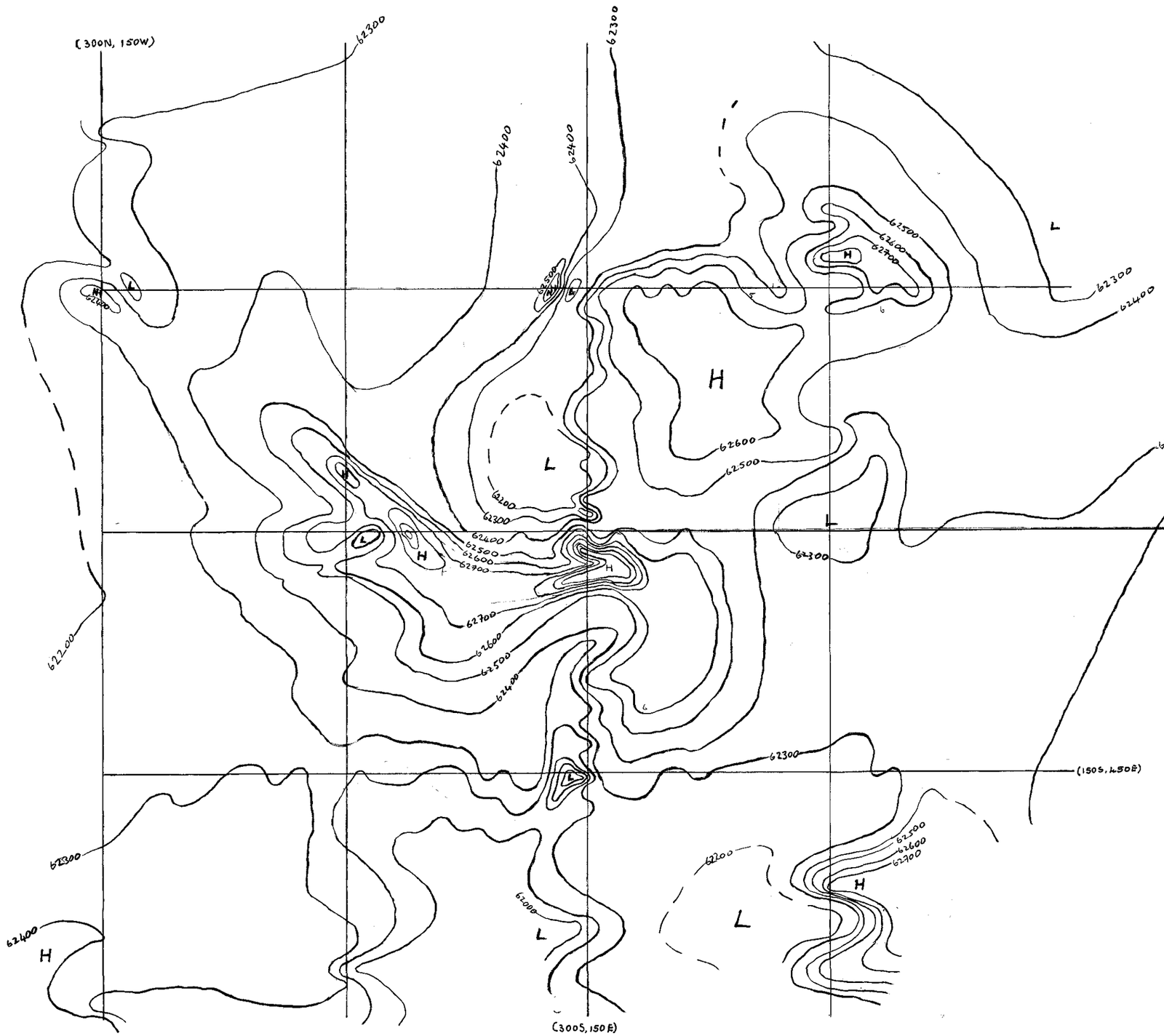
SCALE: 1:2500	Survey R.M., W.J.R., G.A.P.	Geology W.J.R.
	Date: 29·3·1982	FIGURE 41
Drawn: R.M.		

A3-516-0039

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

5K

AB-516-0040



ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.		
PROJECT: SANDY CAPE E.L. 56/80		TAS.

ANOMALY 6 : Plan showing contoured Total Magnetic Field

Contour interval : 100nT. up to 63,000 nT.
then 1000 nT.

Readings taken every 10m. over the grid using a Scintrex MP-2 Proton Precession Magnetometer and corrected to a base station reading of 62,660 nT.

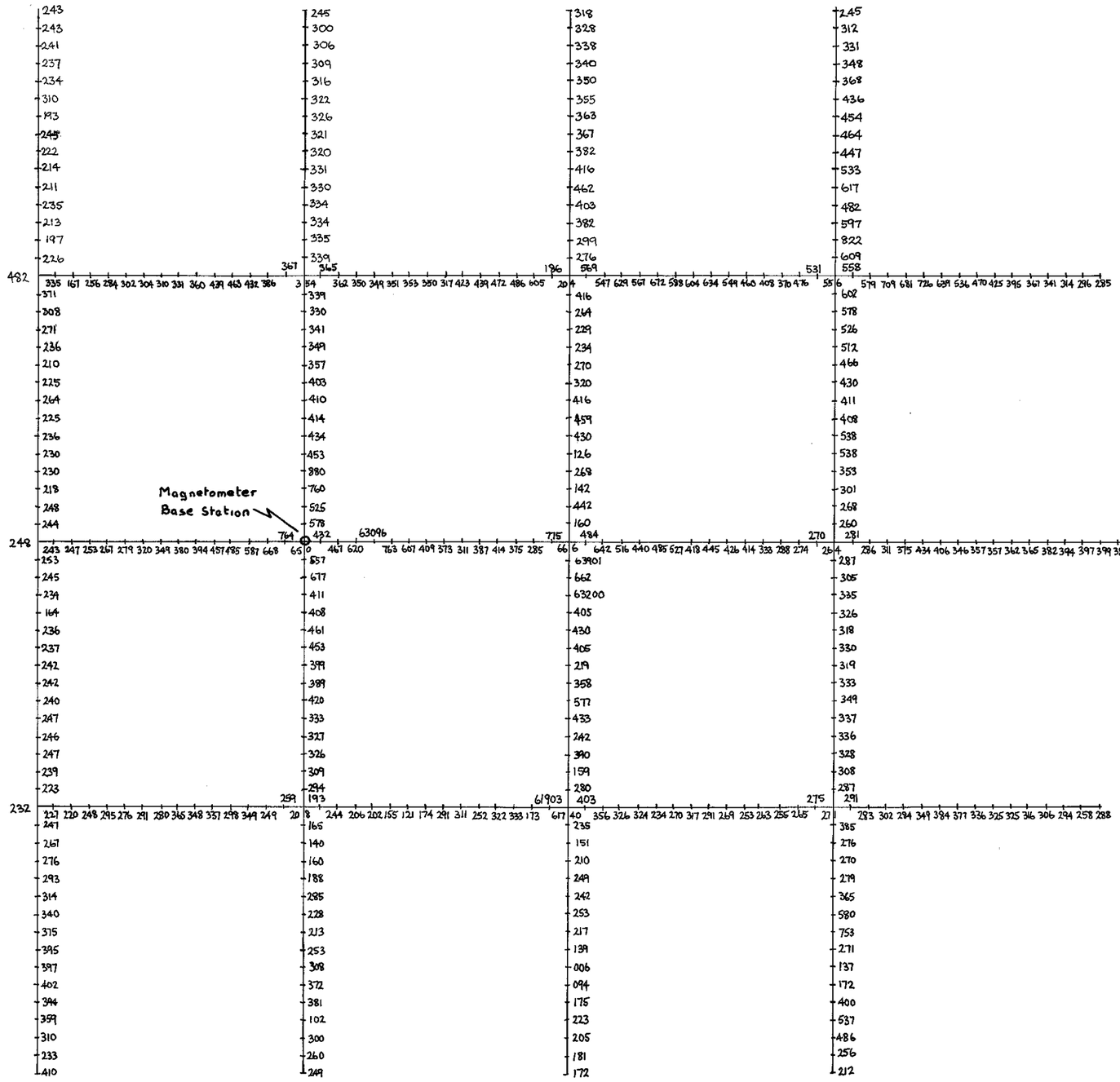
SCALE : 1:2500	Survey: R.M., W.J.R., G.A.R., I.D.	
	Date: 29·3·1982	FIGURE 33
Drawn: R.M.	Checked R.M.	

A3-516-0040

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

55

A3-516-0041



ELECTROLYTIC ZINC Co. of A'ASIA. LTD.		
PROJECT : SANDY CAPE E.L. 56/80		TAS.
Anomaly 6 : Plan showing position of grid lines and posted values of Total Magnetic Field in nanoteslas Data reduced to base station value of 62660 nT Instrument Used : Scintrex MP-2 Portable Proton Precession Magnetometer		
Scale 1:2,500	Survey : R.M., W.J.R., G.A.R., J.D.	
	Date : 29-3-82	FIGURE 32
Drawn by R.M.	Checked : R.M.	

Note : Values posted are all in 62000 nT range unless stated.

A3-516-0041

41-516-0042

ELECTROLYTIC ZINC Co. of A'ASIA. LTD.

PROJECT: SANDY CAPE E.L. 56/80 | TAS.

Anomaly 4: Plan showing position of grid lines and contoured readings of Total Magnetic Field in nanoteslas

Data reduced to Base Station Value of 62470 nT.

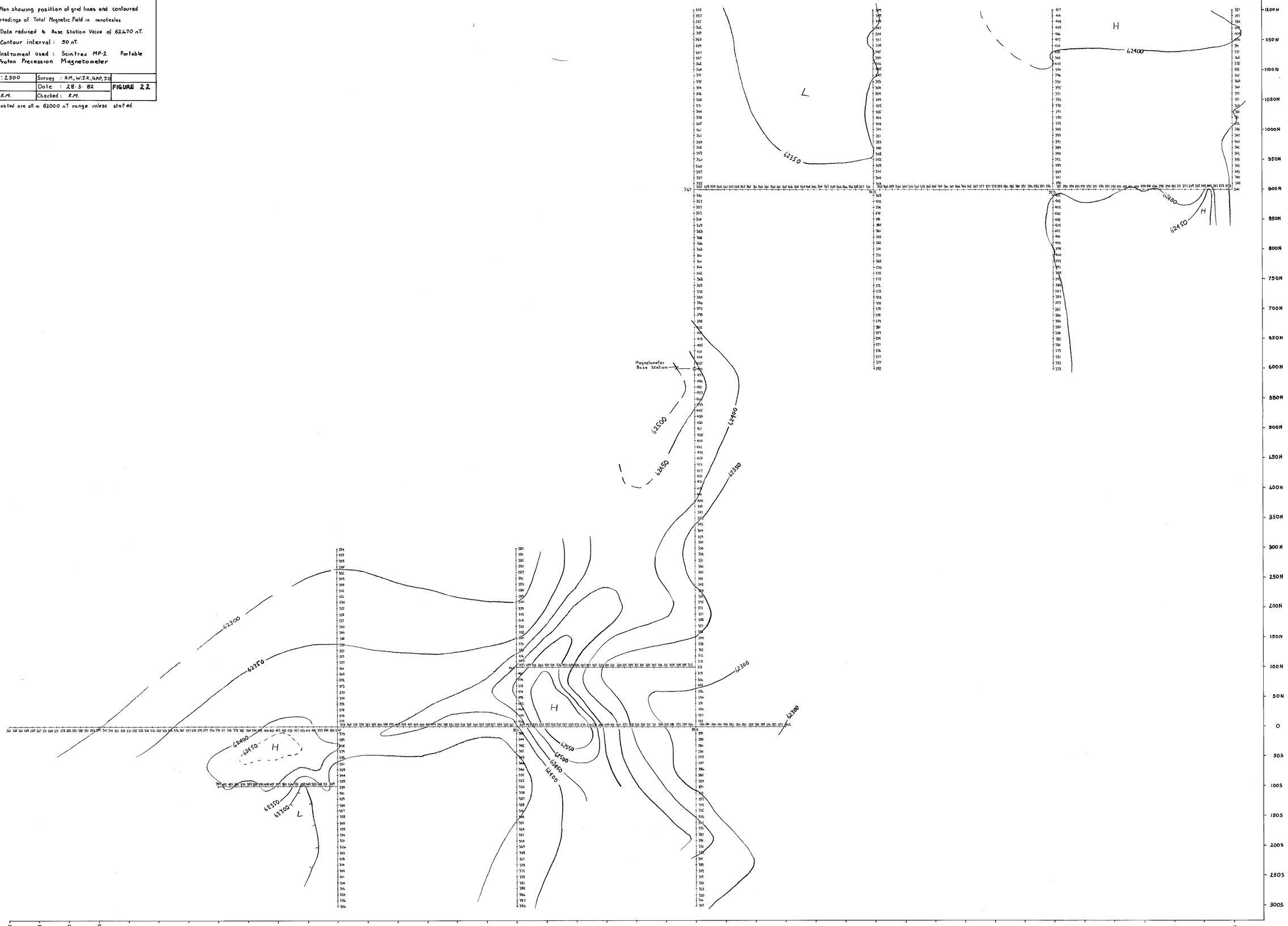
Contour interval: 50 nT.

Instrument used: Scintrex MP-2 Portable Proton Precession Magnetometer

Scale : 1:2500	Survey : R.M., W.J.R., GAP, T.D.	
	Date : 28·3·82	FIGURE 22
Drawn by : R.M.	Checked : R.M.	

Note : Values posted are all in 62000 nT range unless stated

5cm

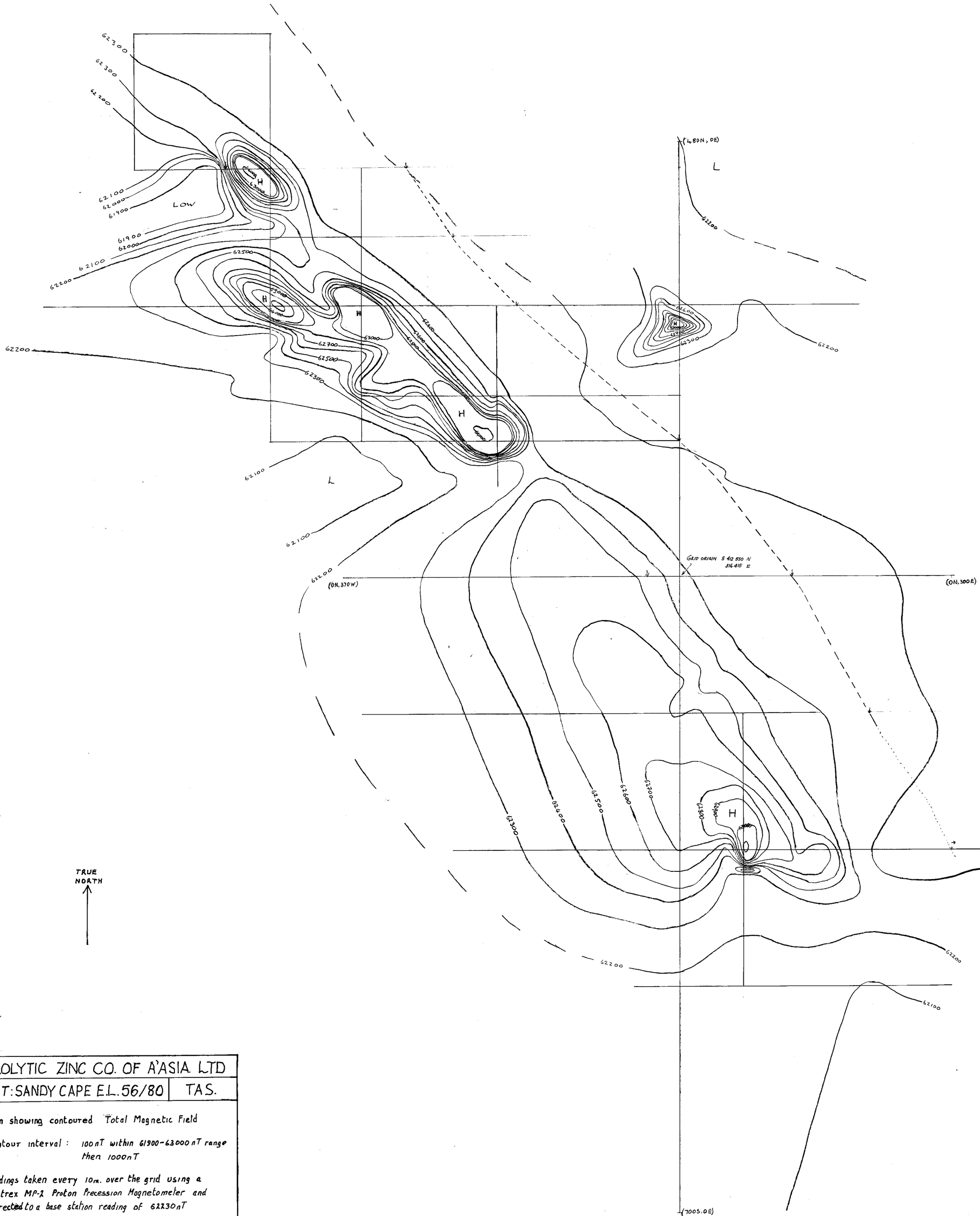


TCR 94-3616
EL 56/80
E.Z. CO. GROPEKO
SANDY CAPE

41-516-0042

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

A1-516-0043



TRUE NORTH

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD	
PROJECT: SANDY CAPE E.L. 56/80	TAS.

ANOMALY I. : Plan showing contoured Total Magnetic Field

Contour interval : 100nT within 61900-63000nT range
then 1000nT

Readings taken every 10m. over the grid using a Scintrex MP-2 Proton Precession Magnetometer and corrected to a base station reading of 62230nT

SCALE 1:2.500	SURVEY R.M, W.T.R.GAI, J.D.	FIGURE 11
	DATE 16·3·1982	
DRAWN : R.M.	CHECKED : R.M.	

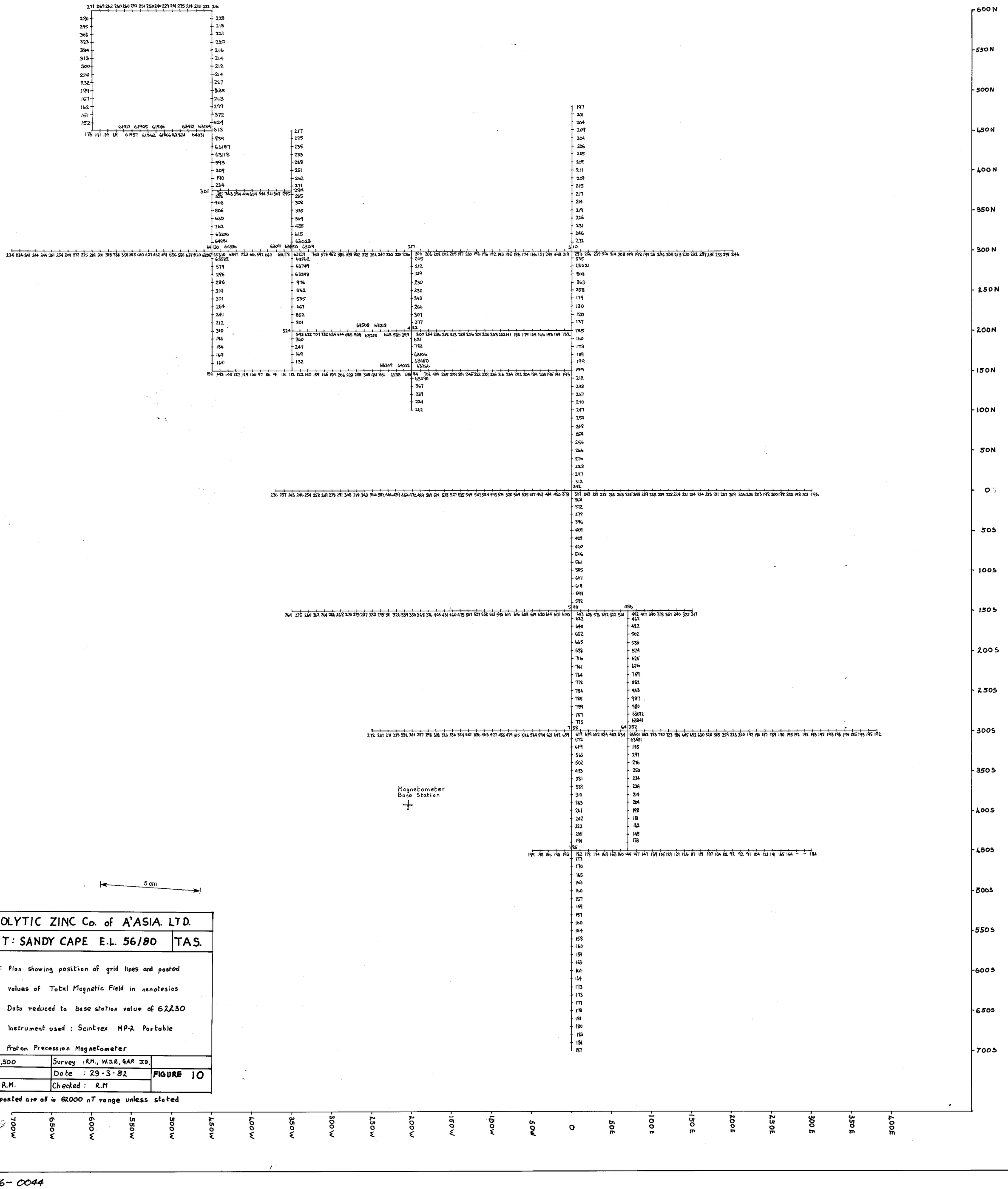
5 cm

A1-516-0043

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

58

A1 - 516 - 0044



ELECTROLYTIC ZINC Co. of A'ASIA. LTD.	
PROJECT: SANDY CAPE E.L. 56/80	TAS.

Anomaly 1 : Plan showing position of grid lines and posted values of Total Magnetic Field in nanoteslas

Data reduced to base station value of 62230

Instrument used : Scintrex MP-2 Portable Proton Precession Magnetometer

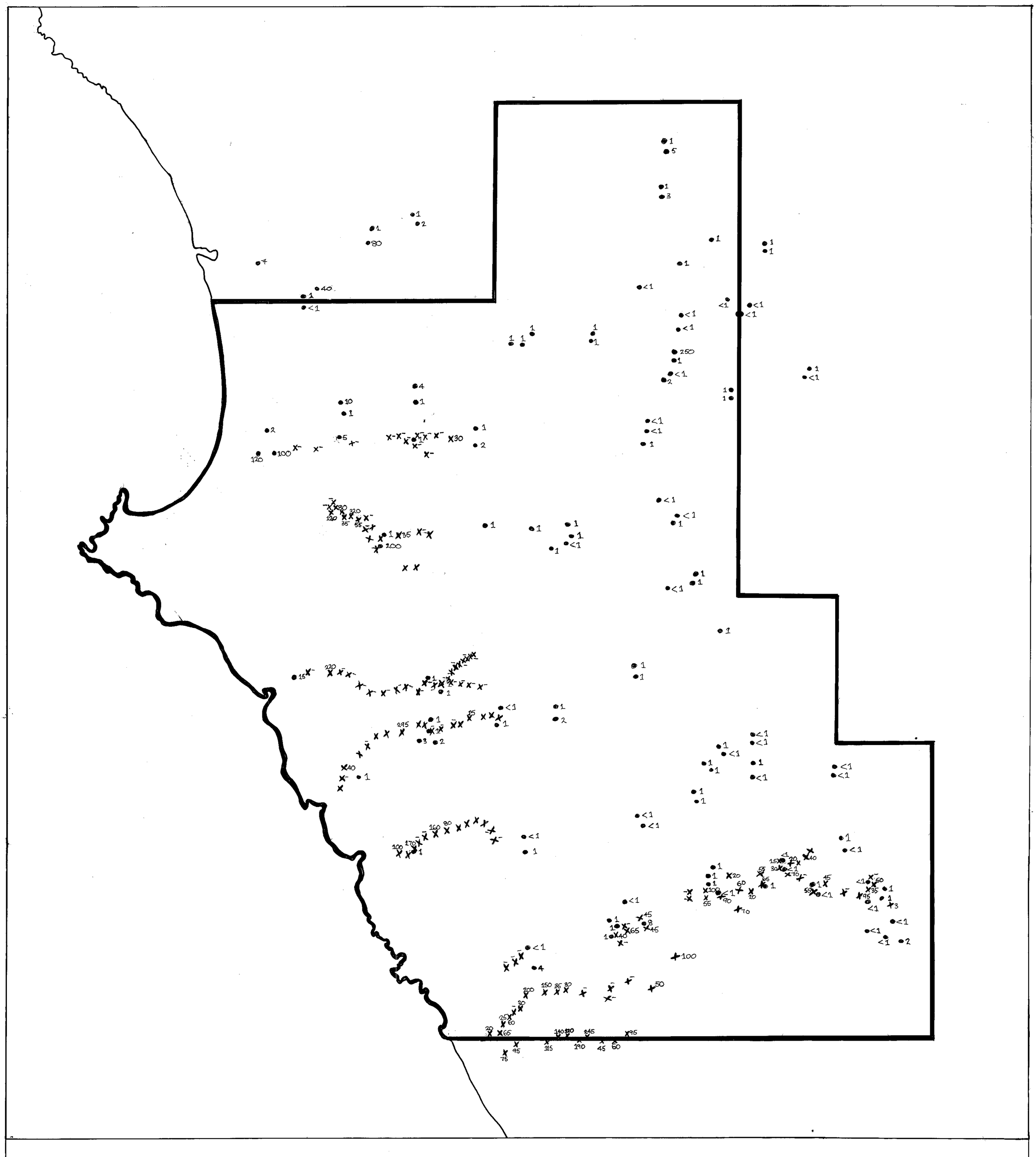
Scale 1:2,500	Survey : R.M., W.I.R., G.A.P. J.D.	
	Date : 29-3-82	FIGURE 10
Drawn by R.M.	Checked : R.M.	

Note : Values posted are all in 62000 nT range unless stated

A1 - 516 - 0044

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

62



ELECTROLYTIC ZINC CO. OF A'ASIA LTD.

PROJECT : SANDY CAPE, EL 56/80 (TASMANIA)

TIN VALUES FOUND DURING STREAM SEDIMENT SAMPLING (VALUES IN P.P.M.), 1967 and 1972

SCALE 1:50,000

Drawn : G. Pojak 4.2.82

FIGURE 8

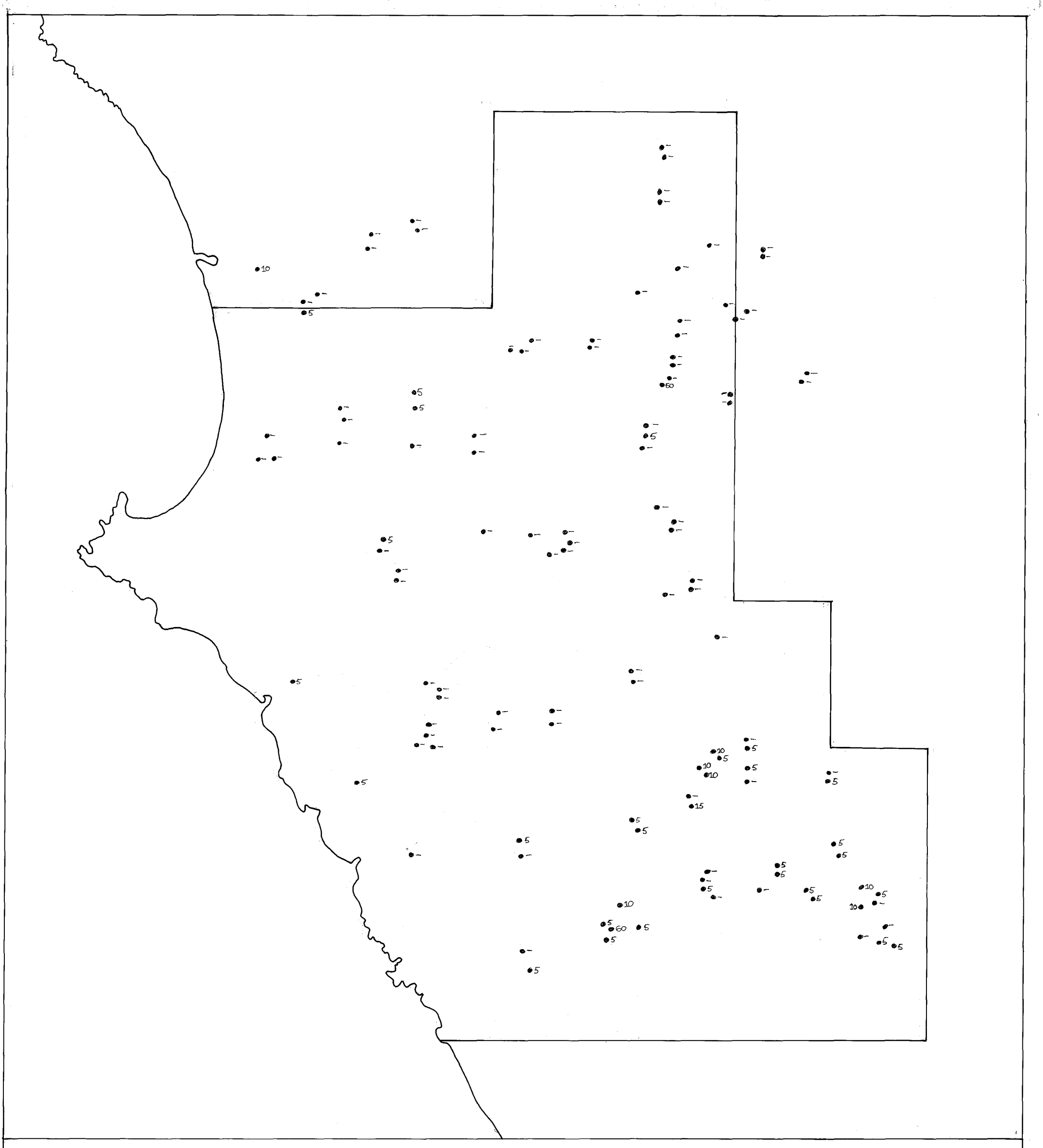
●1 Pickands Mather (1967) tin values. Values transposed from one inch to one mile plan. Stream sediment geochemical sample location.

✗80 Renison Bell (1972) tin values. (-85 mesh fraction). Stream sediment geochemical sample location.

Locations without values are unlisted in Renison data.

A2-516-0045

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE



ELECTROLYTIC ZINC CO. OF AUSTRALASIA LTD.

PROJECT : SANDY CAPE, EL 56/80 (TASMANIA)

ARSENIC VALUES FOUND DURING STREAM SEDIMENT SAMPLING (VALUES IN P.P.M.), 1967

SCALE 1:50,000

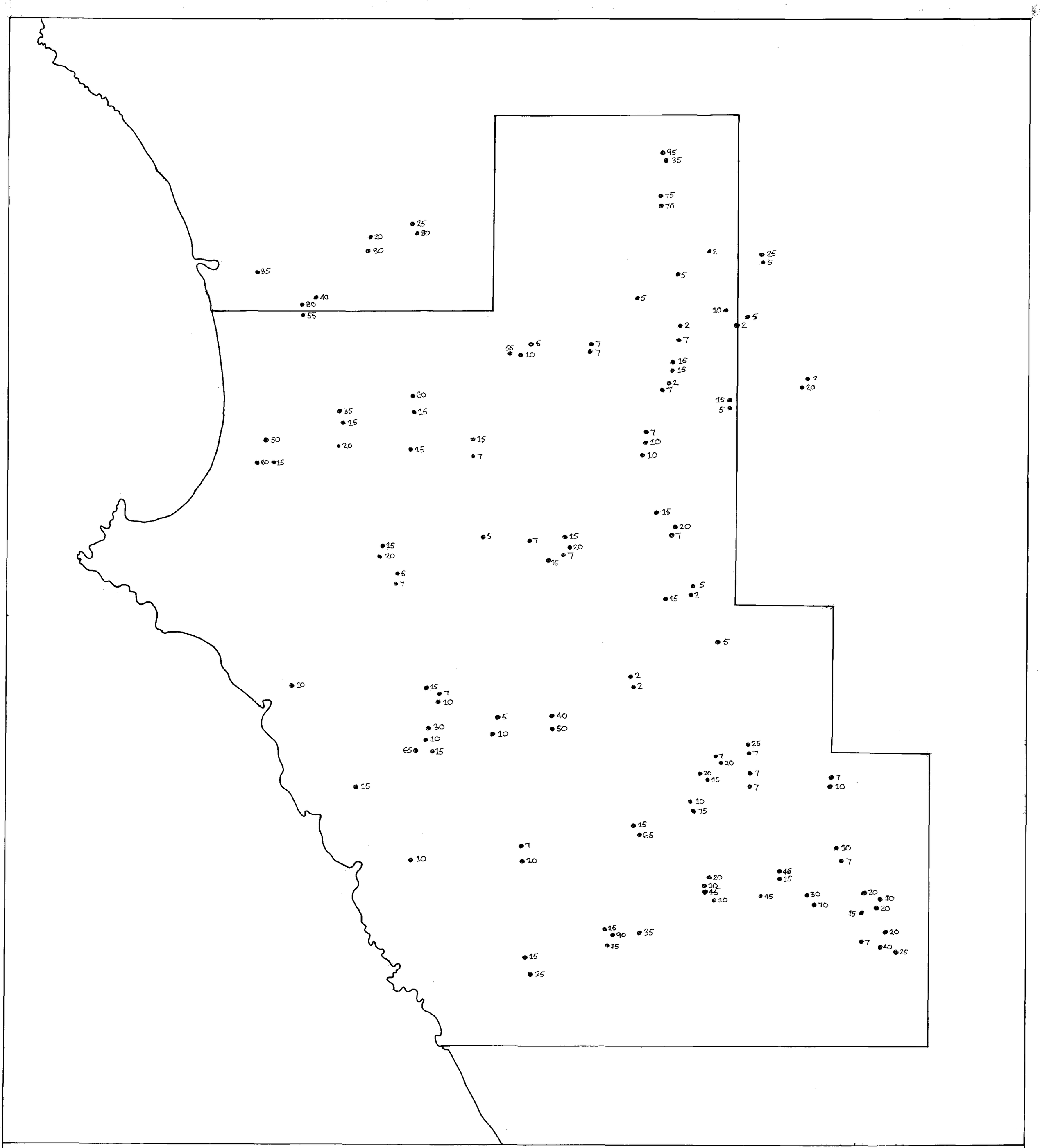
FIGURE 7

DRAWN : G. PAJAK 4-2-82

•5 Pickands Mather (1967) arsenic values. Values transposed from one inch to one mile plan. Stream sediment geochemical sample location.

A2-516-0046

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE



ELECTROLYTIC ZINC CO. OF A'ASIA LTD.

PROJECT : SANDY CAPE, EL 56/80 (TASMANIA)

ZINC VALUES FOUND DURING STREAM SEDIMENT SAMPLING (VALUES IN P.P.M.), 1967

SCALE 1:50,000

FIGURE 6

DRAWN : G. PAJAK 4-2-82

• 15 Pickands Mather (1967) zinc values. Values transposed from one inch to one mile plan. Stream sediment geochemical sample location.

A2 - 516 - 0047

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

59

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT : SANDY CAPE, EL 56/80 (TASMANIA)

COPPER VALUES FOUND DURING STREAM SEDIMENT SAMPLING (VALUES IN P.P.M.), 1967

SCALE 1:50,000

DRAWN : G. PAJAK 4-2-82

FIGURE 4

• 3 Pickands Mather (1967) copper values. Values transposed from one inch to one mile plan. Stream sediment geochemical sample location.

A2 - 516 - 0048

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

(ref to report 82-1967)

63

310 000 E
320 000 E
330 000 E
5 430 000 N
5 420 000 N
5 410 000 N
5 400 000 N
30
20
10
10
00
20

Hazard Bay
Ingram Bay
Ordnance Pt
Mine workings
Lindsay River
KENNETH BAY
Cape Beach
Venables Corner
SANDY CAPE
Johnsons Bay
Lagoon River
Lagoon
River

BASS STRAIT
STANLEY
SMITHTON
MARRAWAH
Smithton
Sandy Cape
WARATAH
ROSEBERY
ZEEHAN
QUEENSTOWN
STRAHAN
Misery Flat
SOUTHERN OCEAN

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L. 56/80 | TAS.

PICANDS MATHER STREAM SEDIMENT LOCATIONS

• 795573 PICKANDS MATHER (1967) STREAM SEDIMENT GEOCHEMICAL SAMPLE. VALUES TRANSPOSED FROM 1" = 1 MILE PLAN. NUMBER REFER TO PICKANDS MATHER SAMPLE IDENTITY

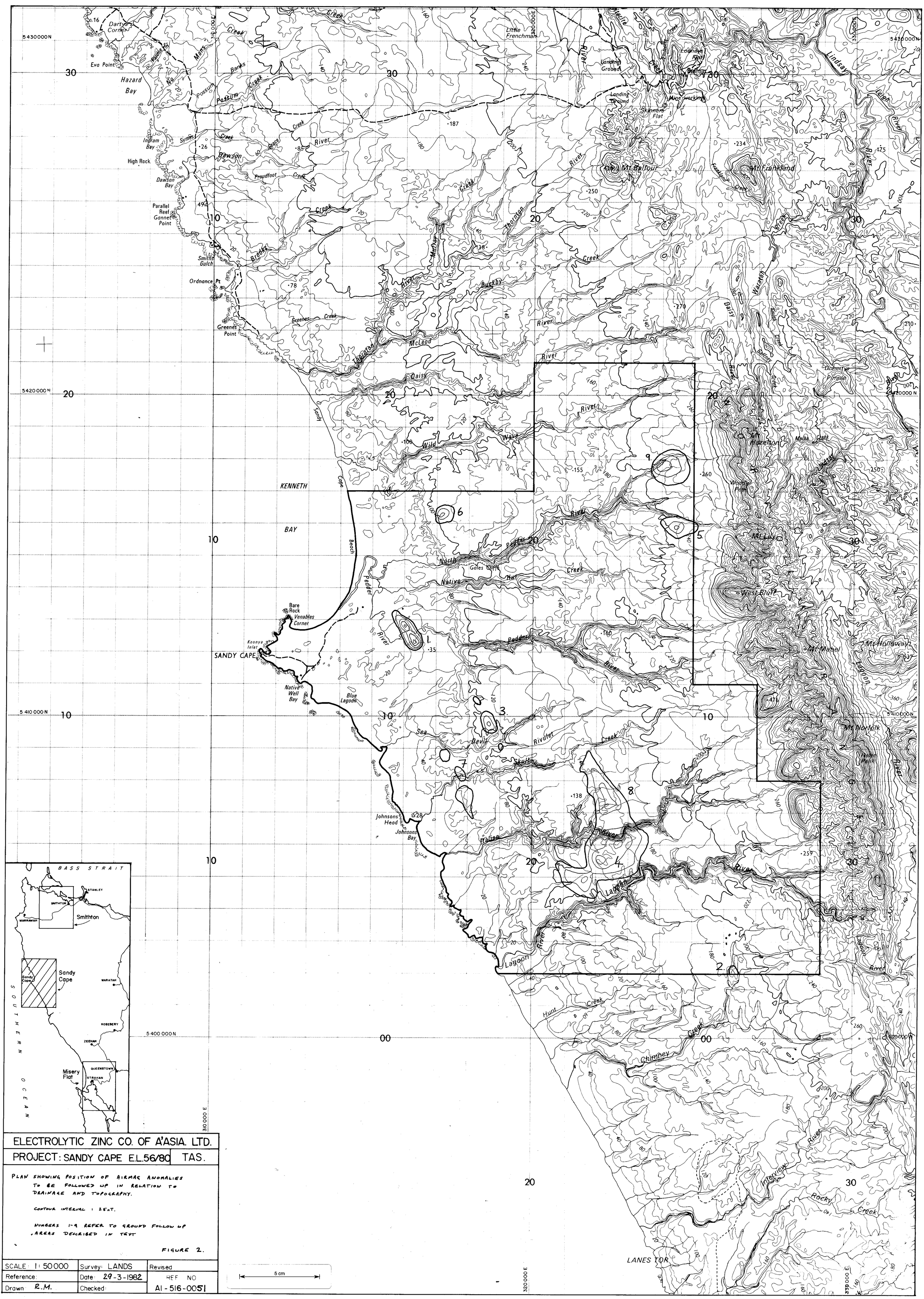
FIGURE 3

SCALE: 1:50 000	Survey:	Revised
Reference	Date: 4·2·1982	REF NO
Drawn: G.A.P.	Checked	AI-516-0050

5 cm

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

64



ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L.56/80 TAS.

PLAN SHOWING POSITION OF AIRMAG ANOMALIES TO BE FOLLOWED UP IN RELATION TO DRAINAGE AND TOPOGRAPHY.

CONTOUR INTERVAL : 25nT.

NUMBERS 1-9 REFER TO GROUND FOLLOW UP AREAS DESCRIBED IN TEXT

FIGURE 2.

SCALE: 1:50000	Survey: LANDS	Revised
Reference:	Date: 29-3-1982	REF NO
Drawn: R.M.	Checked:	AI-516-0051

5 cm

5 cm

ELECTROLYTIC ZINC CO OF A'ASIA LTD.

PROJECT: E.L. 56/80 (SANDY CAPE) | TAS.

MOLYBDENUM values from the stream sediment sampling programme.
Size fraction : -80#
Analysis by AMDEL, Code C2. AAS.
Detection Limit 1 ppm. Accuracy ± 10%

Scale : 1:50.000

Date: 19-6-82 | Drawn: RM

2x-516-0052

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

5cm

ELECTROLYTIC ZINC CO. OF A'ASIA LTD.

PROJECT: E.L. 56/80 (SANDY CAPE)	TAS.

COPPER values from the stream sediment sampling programme.
Size fraction: -80#
Analysis by AMDEL, Code C1, A.A.S.
Detection Limit 2 ppm, Accuracy ± 10%

Scale : 1: 50,000		2x-516-0053
Date 19-6-82	Drawn: RM	

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

5 cm

ELECTROLYTIC ZINC CO. OF A'ASIA LTD.

PROJECT: EL. 56/80 (SANDY CAPE) | TAS.

LEAD values from the stream sediment sampling programme.
Size fraction : -80#
Analysis by AMDEL, Code C1, AAS
Detection Limit 5ppm. Accuracy ± 10%

Scale : 1:50,000

Date 19-6-82 | Drawn: RM

2x - 516 - 0054

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

5 cm

ELECTROLYTIC ZINC CO OF A'ASIA LTD.

PROJECT: E.L 56/80 (SANDY CAPE) | TAS.

ZINC values from the stream sediment sampling programme.
Size fraction -80#
Analysis by AMDEL. Code C1. A.A.S.
Detection Limit 2ppm. Accuracy ± 10%

Scale: 1:50,000

Date: 19-6-82 | Drawn: RM

2x - 516-0055

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

68

5 cm

ELECTROLYTIC ZINC CO OF A'ASIA LTD		
PROJECT: E.L 56/80 (SANDY CAPE)		TAS.
BISMUTH and ARSENIC values from the Stream sediment sampling programme. (Latter in brackets). Only values above detection limit shown. Size fraction -80# Analysis by AMDEL, Bi Code C1, As Code C2. AAS. Detection Limits: Bi 10ppm, As 20ppm. Accuracy ± 10%		
Scale: 1:50 000		2x 516-0056
Date. 19-6-82	Drawn: RM	

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

5 cm

ELECTROLYTIC ZINC CO. OF A'ASIA LTD.

PROJECT: E.L 56/80 (SANDY CAPE) | TAS.

TIN and TUNGSTEN Values from the stream sediment sampling programme. (Only w values of detection limit and above shown)

Size fraction: -80#

Analysis by AMDEL, Code B1/1. XRF

Detection Limit: 4 ppm(Sn) 10 ppm(W), Accuracy ± 5%

Scale: 1:50,000		2x-516-0057
Date 19-6-82	Drawn: RM	

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

69

5 cm

ELECTROLYTIC ZINC CO OF A'ASIA LTD

PROJECT: EL 56/80 (SANDY CAPE) | TAS.

SILVER values from the stream sediment sampling programme.
Size fraction : -80 #
Analysis by AMDEL, Code C2, A.A.S.
Detection Limit : 1 ppm ; Accuracy ± 10%

Scale : 1:50.000		2x - 516 - 0058
Date: 19-6-82	Drawn: RM	

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

310 000 E

320 000 E

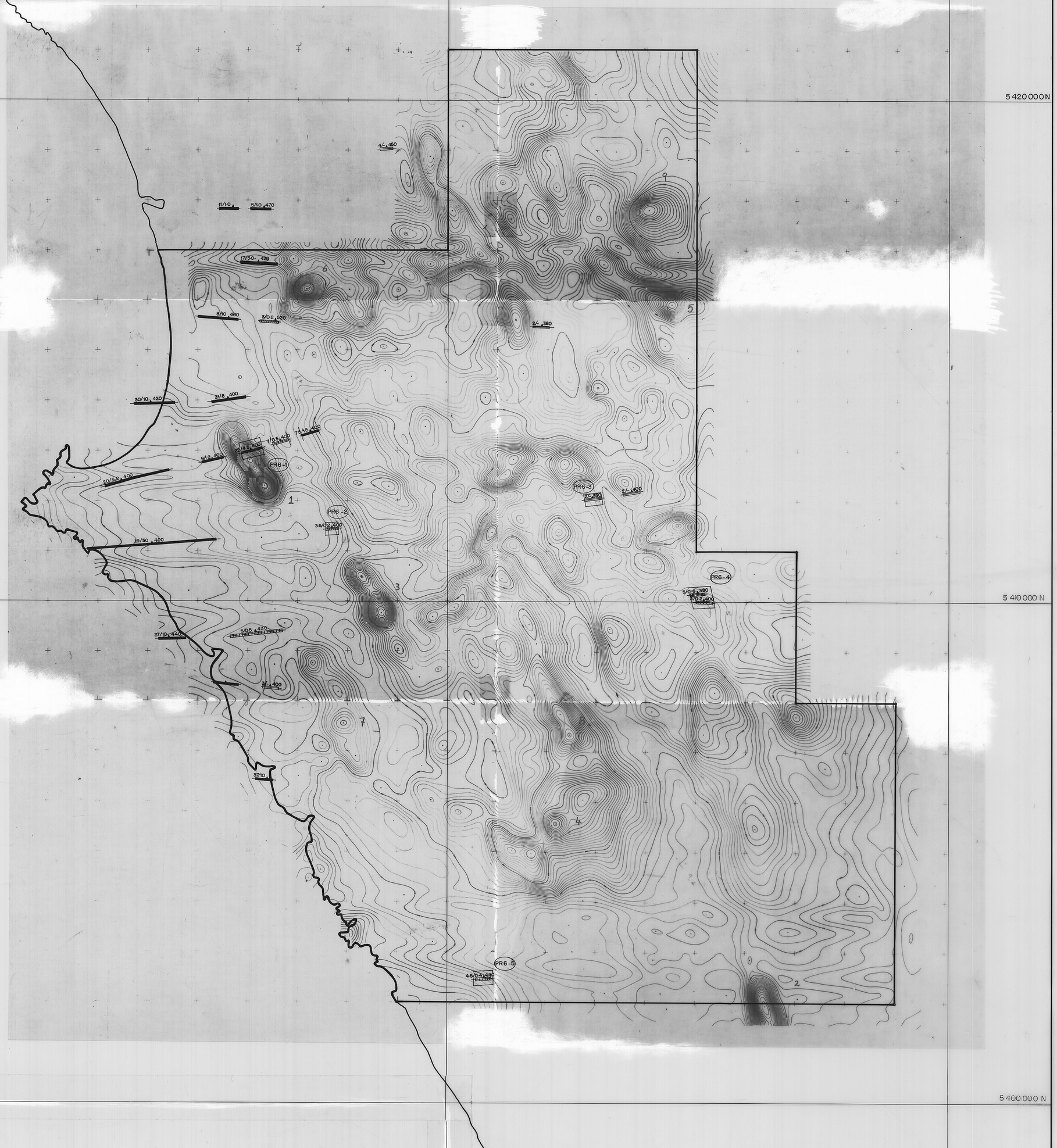
330 000 E

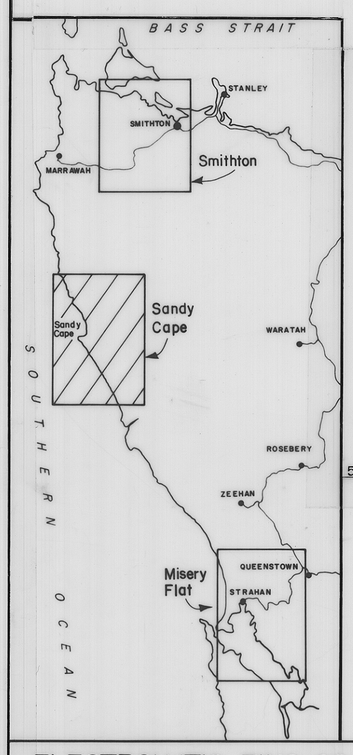
5 430 000 N

5 420 000 N

5 410 000 N

5 400 000 N





310 000 E

LEGEND:

- - 50 to 0 Gammas
- - 100 to -50
- - 125 to -100
- - 150 to -125
- - 175 to -150
- - 200 to -175
- - 225 to -200
- - 250 to -225
- - 300 to -250
- to -300 Gammas

SURVEY SPECIFICATIONS

Flown by	:	Geoex
Date	:	Jan. 1981
Flight line direction	:	East - West
Flight line spacing	:	200 m
Sensor height	:	100 m

This map has been compiled from reductions of the original 1:10 000 sheets

5 cm

320 000 E

INPUT LEGEND

- 6 CHANNEL ANOMALY
- 5 CHANNEL ANOMALY
- 4 CHANNEL ANOMALY
- 3 CHANNEL ANOMALY
- 2 CHANNEL ANOMALY
- 1 CHANNEL ANOMALY
- PEAK POSITION
- 1st and 4th CHANNEL AMPLITUDES (16/2.5)
- ALTITUDE (FEET) (420)
- COINCIDENT MAGNETIC ANOMALY (GAMMAS)
- OFFSET MAGNETIC ANOMALY (60/5, 60/0)
- CULTURAL ANOMALY (INTERPRETED) (C)
- RESIDUAL ANOMALY (INTERPRETED)
- 50 Hz WITH NORMAL ANOMALY (Hz)
- 50 Hz WITH ABNORMAL ANOMALY (Hz)

INTERPRETATION LEGEND

- CONDUCTOR OUTLINE AND IDENTIFICATION NUMBER (S2-3)
- SELECTED CONDUCTOR

INPUT SURVEY 1973 for Esso Aust. Ltd.

330 000 E

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L.56/80 TAS.

SANDY CAPE
AEROMAGNETIC SURVEY

Contour Interval 5 gammas

Showing ESSO INPUT DATA

Scale : 1:50 000	Survey : Geoex	Revised :
Reference :	Date : 21.7.82	A1 - 516 - 0059
Drawn : Nik	Ref. No. :	

A1-516-0059

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

310 000 E

320 000 E

330 000 E

5 430 000 N

5 420 000 N

5 410 000 N

5 400 000 N

30

20

10

00

Hazard Bay

Ingram Bay

Ordnance Pt

Mine workings

Lindsay River

KENNETH BAY

Cape Beach

SANDY CAPE

Venables Corner

Johnsons Bay

Lagoon River

ANOMALY 6

lam. SLTST & massive Quartzite
Recrystallized Bands shown.

ANOMALY 1

Pyritic Siltstone

Quartzite (K-P Feldspar Alteration)

ANOMALY 4

Sandstone + Congl.

Siltstone

Quartzite + Siltstone

Py Cpy Siltstone

Quartzite locally recrystallized

Qbs

Qs

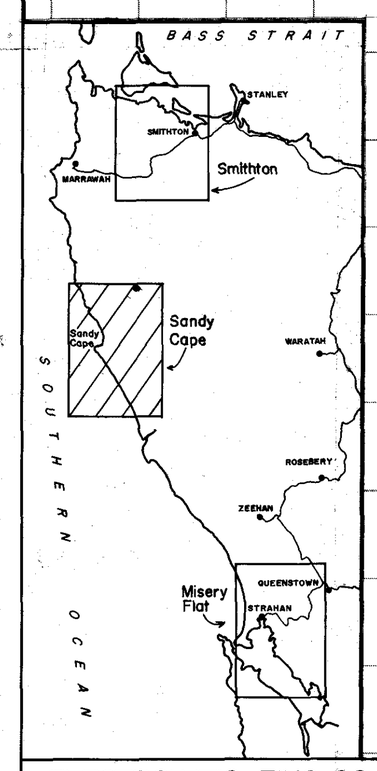
Ts

Eql

Dg

TUNDIFF.

F



ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L. 56/80 | TAS.

COMPILATION OF GEOLOGY

SOURCES : 1. HUNTING PHOTO GEOLOGY
2. E·Z GRID MAPPING
3. GEOL. SURVEY OF TASMANIA

SCALE: 1:50 000	Survey: J. M	Revised:
Reference:	Date: 29.7.82	REF. NO.
Drawn: Nik	Checked:	AI-516-0060

LEGEND

QUATERNARY	Qa	Alluvium
	Qbs	Active coastal beaches and dunes
	Qs	Stabilized coastal dunes and sands
TERTIARY	Ts	Sandstones and conglomerates, silicified in places close to fault zones
DEVONIAN	Dg	Muscovite granite with tourmaline-rich aplite dykes
PROTEROZOIC – Lagoon River Quartzite	Eql	Mature fine grained, cross-bedded quartzites with a possible tuffaceous component in the lower parts of the sequence exposed in the area.

Unconformity

Geological contact

Dip of strata

Fracture

Fault

Inferred fault

Dolerite dyke

5 cm

TCR 94-3616
EL 56/80
E.Z. CO. GROPEKO
SANDY CAPE

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

A1-516-0062

ELECTROLYTIC ZINC CO. OF A'ASIA. LTD.

PROJECT: SANDY CAPE E.L. 56/80 | TAS.

COMPILATION OF GEOLOGY

SOURCES : 1. HUNTING PHOTO GEOLOGY
2. E·Z GRID MAPPING
3. GEOL. SURVEY OF TASMANIA

SCALE: 1:50 000	Survey:	Revised:
Reference:	Date: 12·5·1981	REF. NO.
Drawn:	Checked:	A1-516-

LEGEND

QUATERNARY	Qa	Alluvium
	Qbs	Active coastal beaches and dunes
	Qs	Stabilized coastal dunes and sands
TERTIARY	Ts	Sandstones and conglomerates, silicified in places close to fault zones
DEVONIAN	Dg	Muscovite granite with tourmaline-rich aplite dykes
PROTEROZOIC – Lagoon River Quartzite	Eql	Mature fine grained, cross-bedded quartzites with a possible tuffaceous component in the lower parts of the sequence exposed in the area.

- Unconformity
- Geological contact
- Dip of strata
- Fracture
- Fault
- Inferred fault
- Dolerite dyke

5 cm

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

2X-516-0063

144°50'

145°00'

41°20'

41°30'

Daisy River

Sandy Cape

Southern Ocean

Predder River

Lagoon River

Brecciated Zone ?

Approx. position of magnetic anomaly

approx. position of magnetic anomaly

quartz veining along fault zone

quartz veins

quartz vein

Eql

Ts remnants ?

Ts

Qbs

Qs

Qa

Dg

Dg?

Eql?

do

PHOTOGEOLOGICAL WORK - SHEET MAP OF THE SANDY CAPE AREA, TASMANIA

Scale 1:50 000 (Photoscale)

1 0 1 2 3 4 5 km

5 cm

LEGEND

QUATERNARY	Qa	Alluvium
	Qbs	Active coastal beaches and dunes
	Qs	Stabilized coastal dunes and sands
TERTIARY	Ts	Sandstones and conglomerates, silicified in places close to fault zones
DEVONIAN	Dg	Muscovite granite with tourmaline-rich aplite dykes
PROTEROZOIC - Lagoon River Quartzite	Eql	Mature fine grained, cross-bedded quartzites with a possible tuffaceous component in the lower parts of the sequence exposed in the area.

- Unconformity
- Trace of bedding
- Geological contact
- Inferred geological contact
- Boundary of surficial deposits
- Dip of strata, moderate and steep
- Fracture
- Fault
- Inferred fault
- Dolerite dyke
- R9 / 1 — Photocentre

LOCATION DIAGRAM

Undertaken on behalf of ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED by HUNTING GEOLOGY AND GEOPHYSICS (AUSTRALIA) PTY LIMITED FEBRUARY 1982 GA 94 / 81

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE

2X-516-0061

PHOTOGEOLOGICAL WORK - SHEET MAP OF THE SANDY CAPE AREA, TASMANIA

Scale 1:50 000 (Photoscale)

1 0 1 2 3 4 5 km

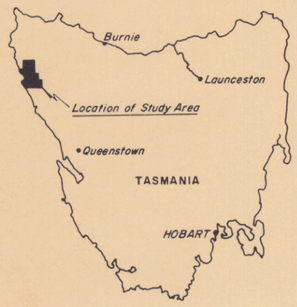
5 cm

LEGEND

QUATERNARY	Qa	Alluvium
	Qbs	Active coastal beaches and dunes
	Qs	Stabilized coastal dunes and sands
TERTIARY	Ts	Sandstones and conglomerates, silicified in places close to fault zones
DEVONIAN	Dg	Muscovite granite with tourmaline-rich aplite dykes
PROTEROZOIC – Lagoon River Quartzite	Pql	Mature fine grained, cross-bedded quartzites with a possible tuffaceous component in the lower parts of the sequence exposed in the area.

- Unconformity
- Trace of bedding
- Geological contact
- Inferred geological contact
- Boundary of surficial deposits
- Dip of strata, moderate and steep
- Fracture
- Fault
- Inferred fault
- Dolerite dyke
- Photocentre (R9)

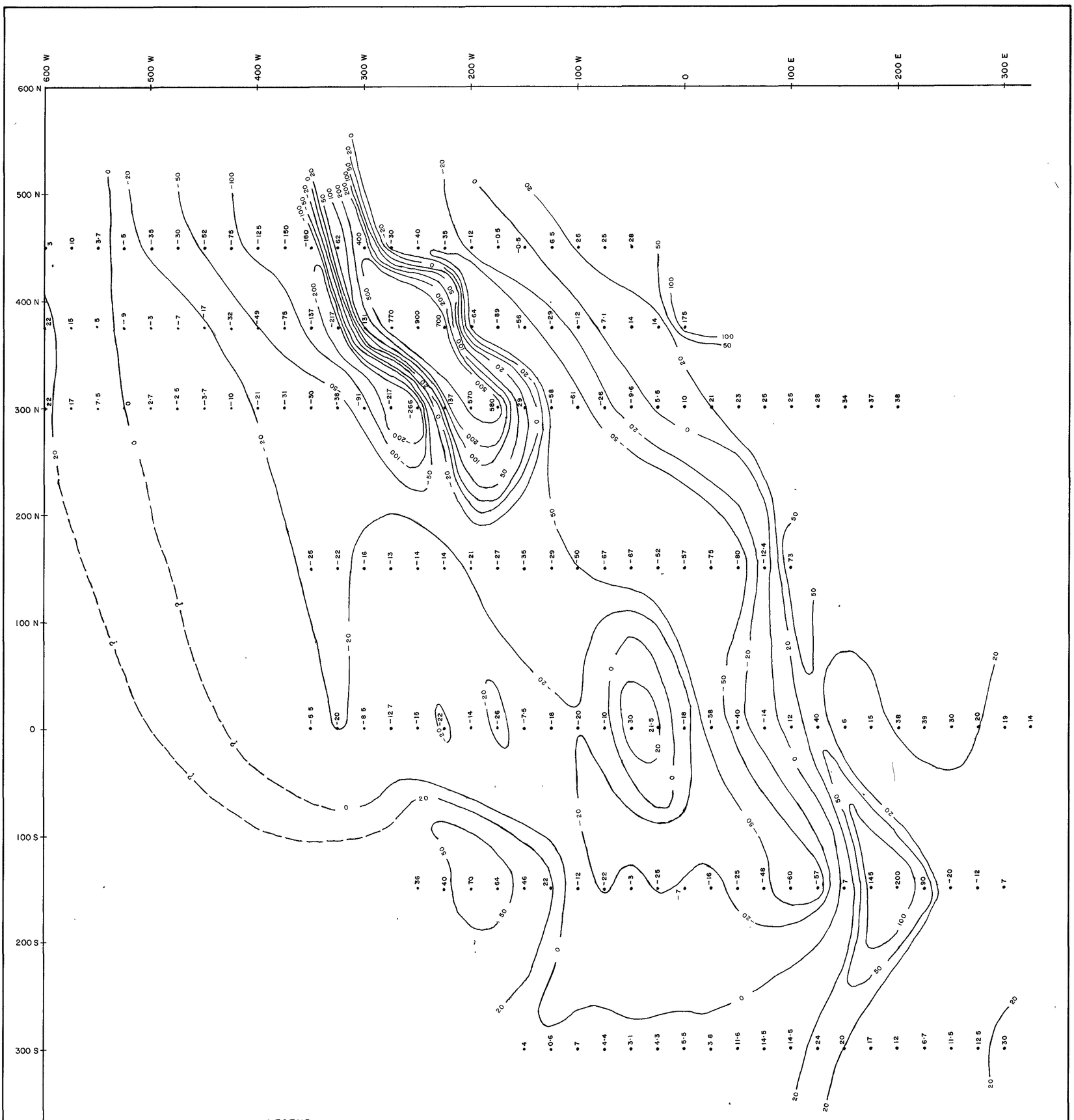
LOCATION DIAGRAM



Undertaken on behalf of ELECTROLYTIC ZINC COMPANY OF AUSTRALASIA LIMITED

by HUNTING GEOLOGY AND GEOPHYSICS (AUSTRALIA) PTY LIMITED FEBRUARY 1982 GA 94 / 81

TCR 94-3616
EL 56/80
E.Z. CO, GEOPEKO
SANDY CAPE



LEGEND

	> 500
	200 to 500
	100 to 200
	50 to 100
	20 to 50
	0 to 20
	-20 to 0
	-50 to -20
	-100 to -50
	-200 to -100
	< -200

5 cm

ELECTROLYTIC ZINC CO. of A'ASIA LTD.

Project: SANDY CAPE E.L. 56/80 TASMANIA

ANOMALY N° 1

CRONE P.E.M.

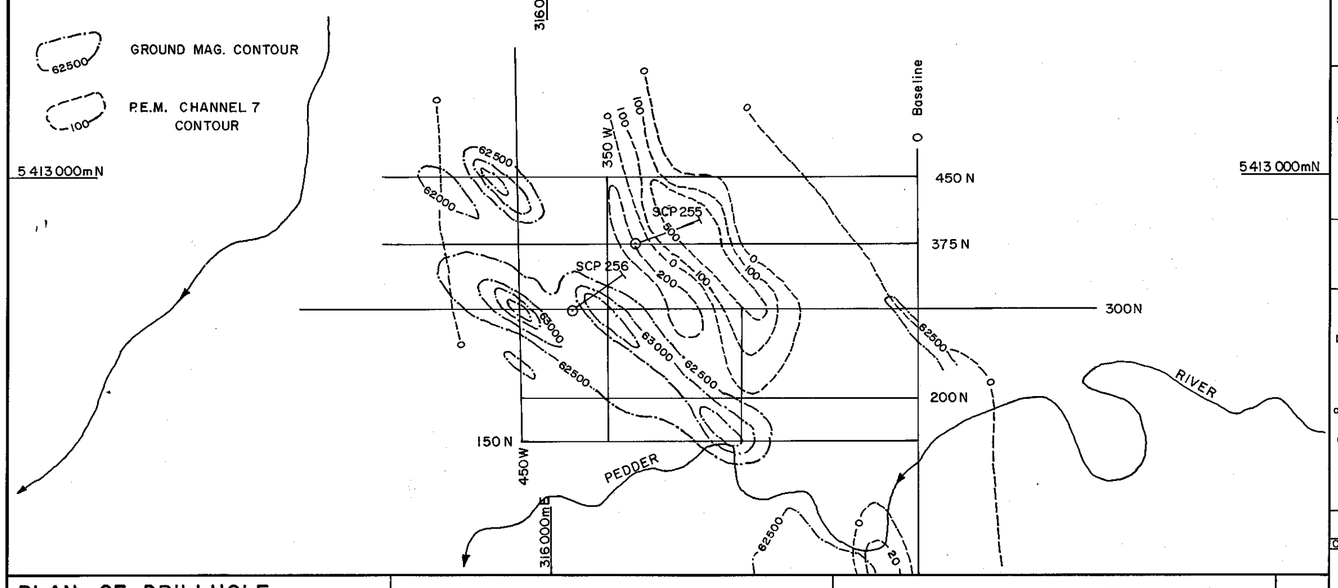
CHANNEL 7

CONTOURS

SCALE : 1 2,500	SURVEY : I.McD	REVISED:
REFERENCE:	DATE : 30·6·'83	A2 - 516 - 0064
DRAWN : R.J.R	CHECKED :	

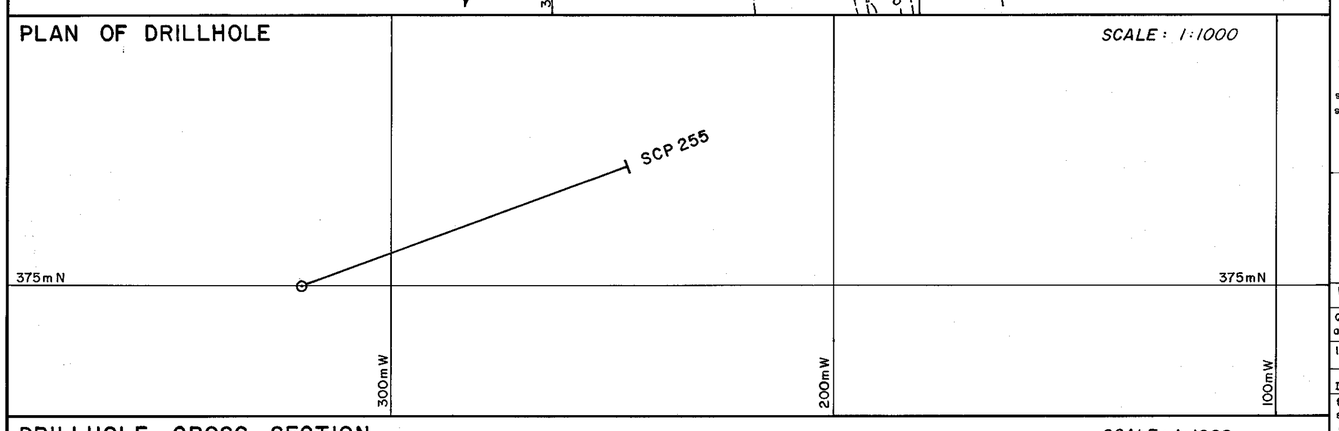
GEOLOGICAL PLAN OF HOLE LOCALITY

SCALE: 1:5000 FROM DRAWING NO.: A2-516-0064 A1-516-0043



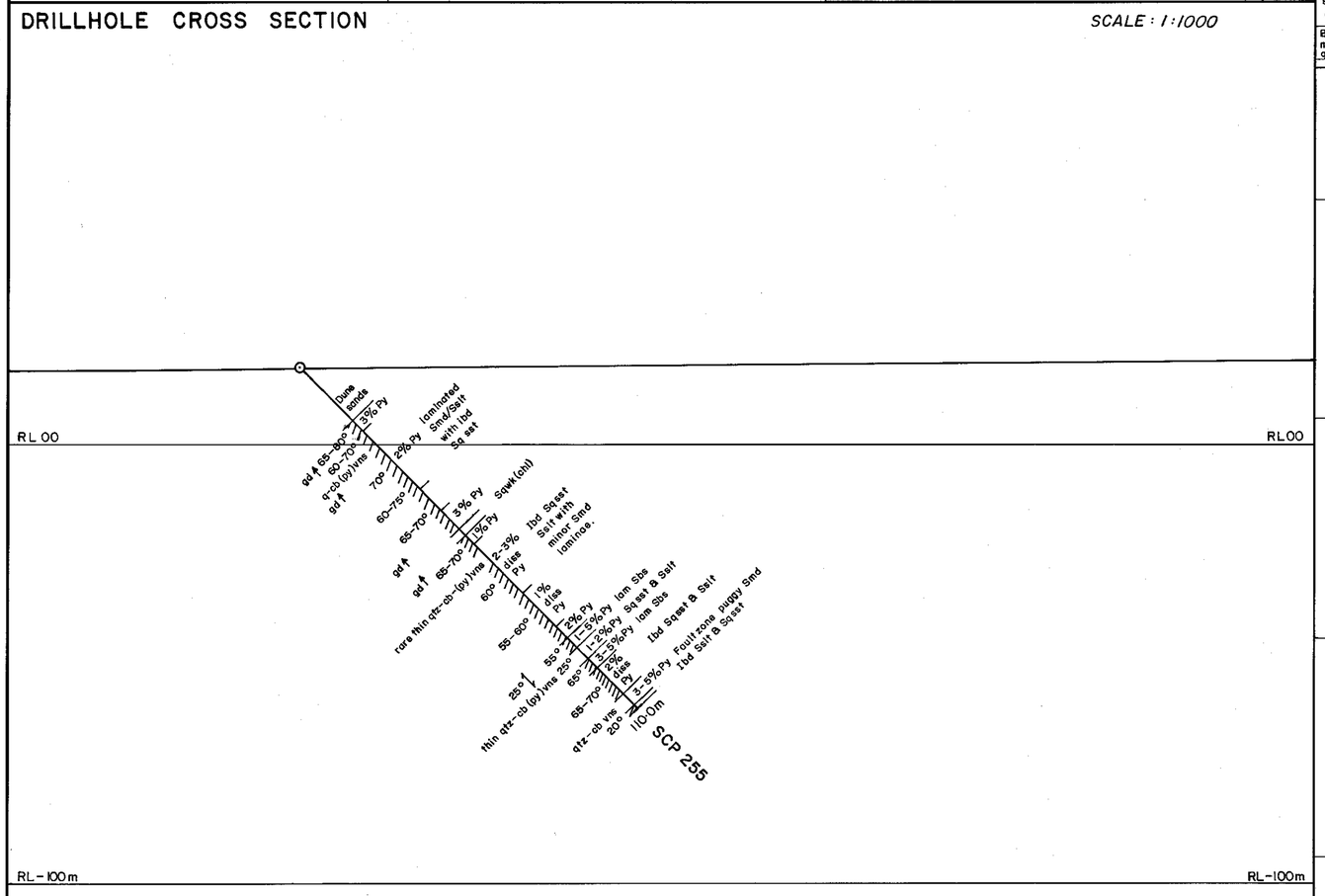
PLAN OF DRILLHOLE

SCALE: 1:1000



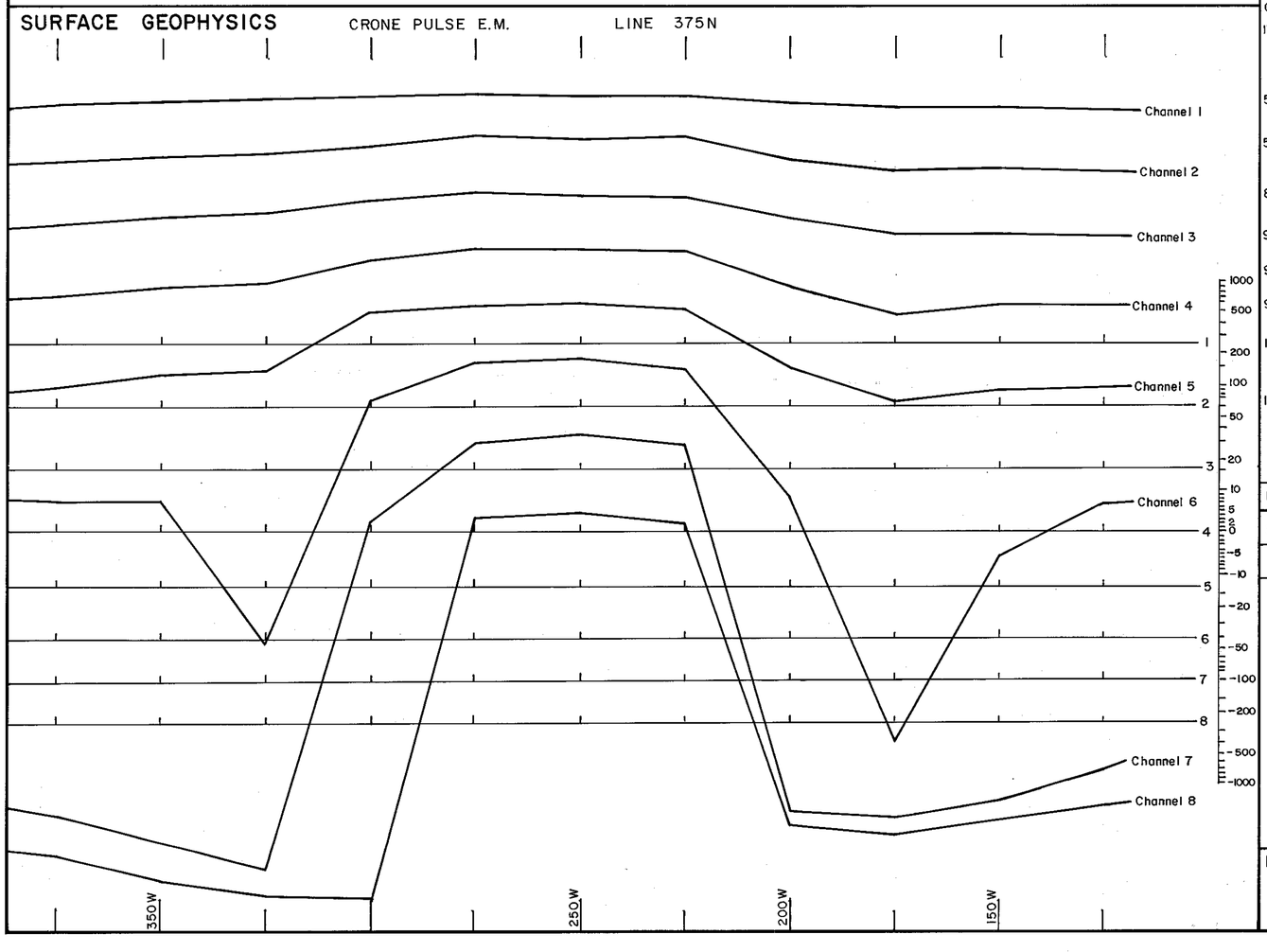
DRILLHOLE CROSS SECTION

SCALE: 1:1000

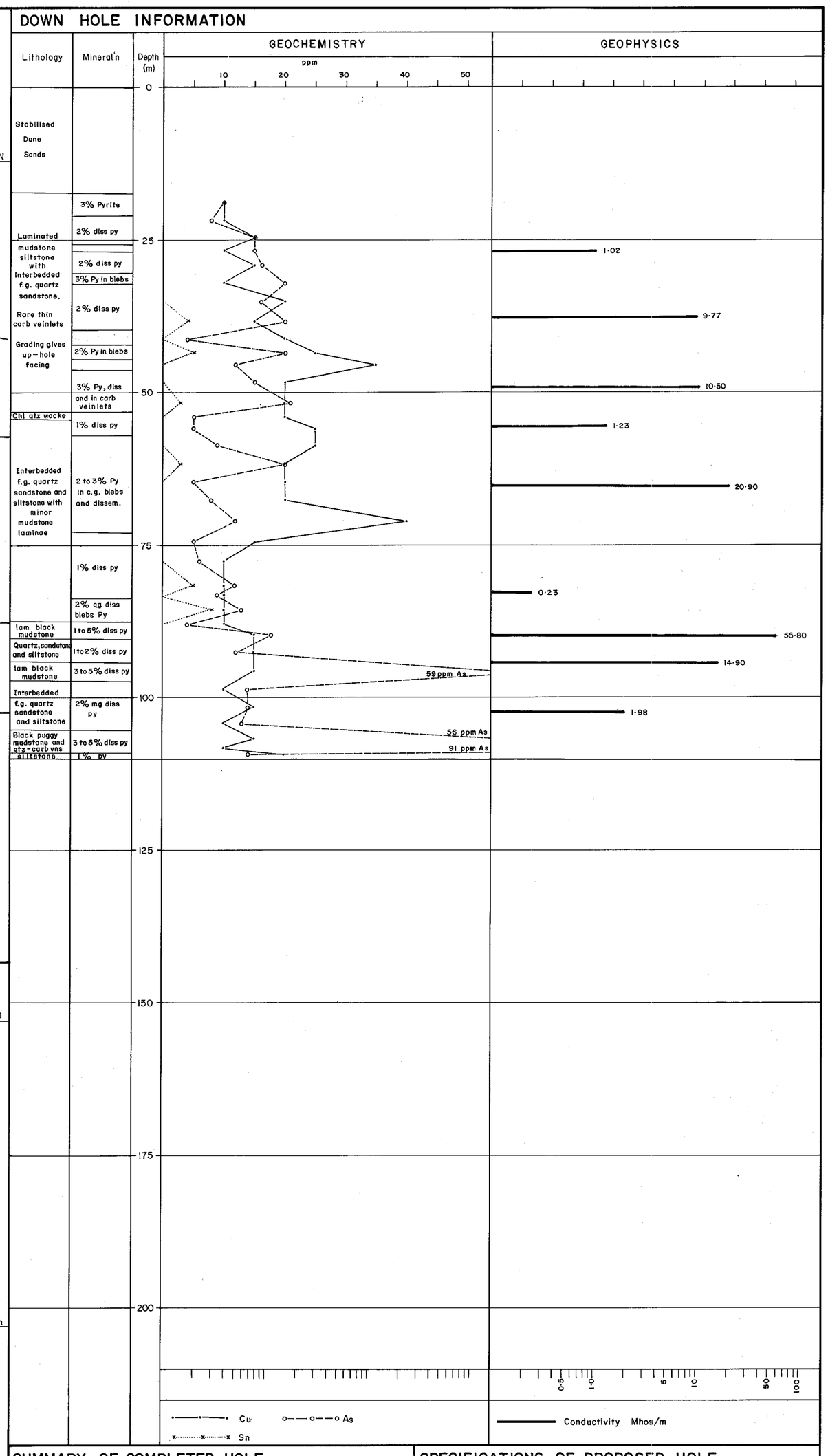


SURFACE GEOPHYSICS

CRONE PULSE E.M. LINE 375N



DOWN HOLE INFORMATION



SUMMARY OF COMPLETED HOLE

CO-ORDINATES	NORTHING	EASTING	R.L.
LOCAL GRID	375	320	18m
A.M.G.	5,412,925	316,095	18m

AZIMUTH: 070°AMG DIP: -45° TOTAL DEPTH: 110m

COMMENCEMENT DATE: 15-3-'84 COMPLETION DATE: 25-3-'84

INTERNAL SURVEY INFORMATION

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

HOLE SIZE	FROM	TO	HOLE SIZE	FROM	TO

DRILLED GEOLOGY (SUMMARISED)

DEPTH	LITHOLOGY	DEPTH	MINERALISATION AND SIGNIFICANT ASSAYS
0-17.3m	Dune sands.		
17.3-53.2m	Dark grey to black laminated mudstone and siltstone with interbeds of pale grey f.g. quartz sandstone.	17.3-87.6m	1 to 3% Pyrite as fine grained disseminations, as blebs, as rare syngenetic bands, and associated with rare thin carbonate veins.
53.2-54.4m	Green-grey weakly chloritic massive f.g. quartz wacke.		
54.4-87.6m	Interbedded grey f.g. quartz sandstone and siltstone with minor mudstone laminae.		
87.6-90.5m	Laminated black and grey pyritic graphitic mudstone.	87.6-97.2m	Up to 5% Pyrite as disseminations and blebs.
90.5-94.1m	Pale grey siltstone and fine grained quartz sandstone.		
94.1-97.2m	Laminated black pyritic graphitic mudstone and grey siltstone.		
97.2-105.4m	Interbedded grey quartz sandstone and siltstone.	97.2-105.4m	2% disseminated Pyrite.
105.4-109.3m	Fault zone. Black mudstone with puggy black and grey clay and thick and thin quartz-carbonate veins.	105.4-109.3m	2 to 5% disseminated Pyrite.
109.3-110.0m	Interbedded grey siltstone and f.g. quartz sandstone.	109.3-110.0m	1% f.g. disseminated Pyrite.

LOGGED BY: I. Mc D. DATE: April, 1984.

SAMPLE DATA

SAMPLED INTERVAL	SAMPLE NUMBERS	SAMPLE TYPE	ELEMENTS DETERMINED	LAB. METHOD
17.3-110.0m	61163-61197	chip core.	Cu, Pb, Zn, Fe, Mn, Ag, As.	A.A.S.
			Sb, Sn, W.	X.R.F.
			Au.	Fire Assay.
	61154-61162	whole core	Inductive conductivity measurement.	Scintrex CTU-2.

NOTES:

SPECIFICATIONS OF PROPOSED HOLE

CO-ORDINATES	NORTHING	EASTING	R.L.
LOCAL GRID	375 N	320 W	18m
A.M.G.	5412 925m N	316 095m E	18m

AZIMUTH: 070° A.M.G. DIP: -45° DESIGNED DEPTH: 110m

ESTIMATED COMMENCEMENT: March 1984

ANTICIPATED GEOLOGY

DEPTH	LITHOLOGY	DEPTH	NATURE OF TARGET AND ANTICIPATED DEPTH
0-10m	Stabilised Dune Sands.		
10-110m	Interbedded Siltstones, Mudstones and Quartzites.	50-80m	Source of P.E.M. anomaly, possible massive Sulphide body.

DESIGNED BY: I. Mc D. DATE: Feb. 1984

AIM OF HOLE: To source test a Crone P.E.M. anomaly, under a shallow cover of stabilised dune sands, in sediments adjacent to a Devonian Granite intrusion.

NOTES: Target zone based on a 70° West dip to P.E.M. feature.

5 cm

ELECTROLYTIC ZINC CO. OF A'ASIA LTD.

PROJECT: SANDY CAPE J.V. E.L. 56/80

SPECIFICATIONS AND SUMMARY OF RESULTS

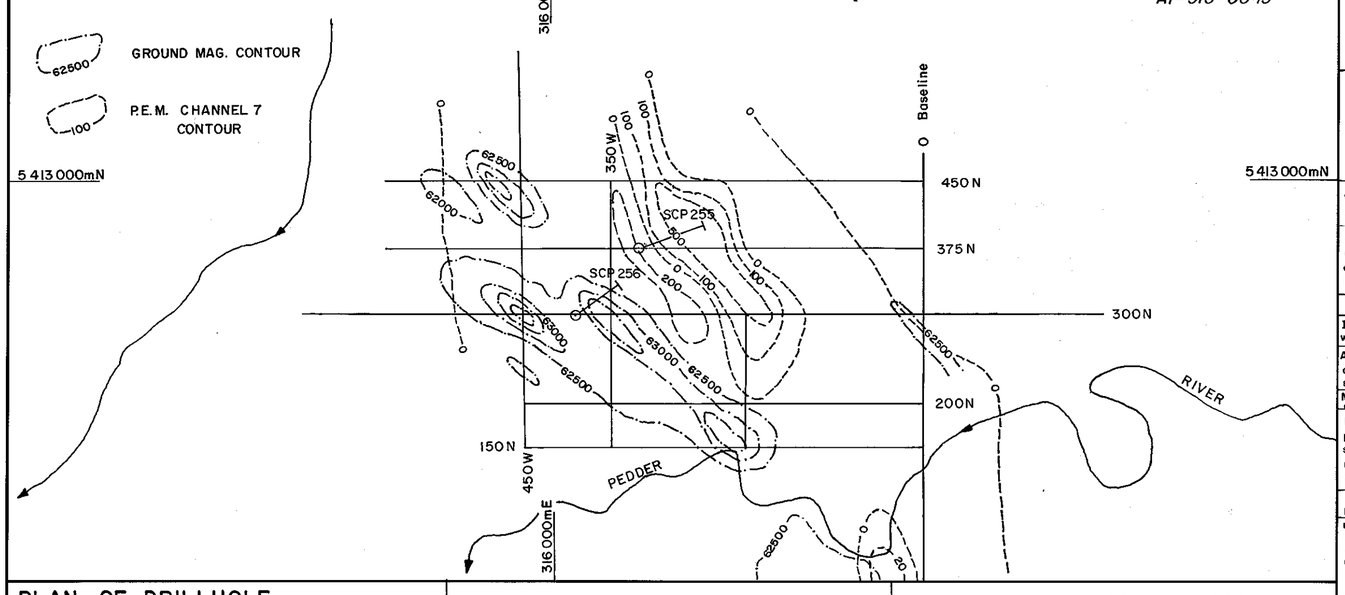
EXPLORATION DIAMOND DRILL HOLE No. SCP 255

SCALE: As shown	Survey: I. Mc D.	Revised:
Reference:	Date: 24-2-'84	REF. No. A1-516-0065
Drawn: R.J.R.	Checked:	

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE

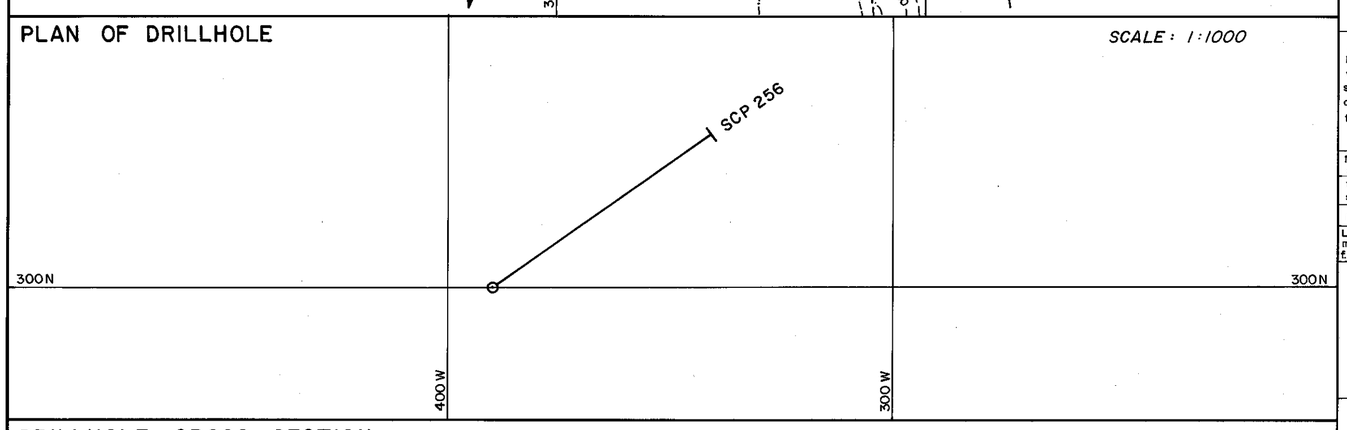
GEOLOGICAL PLAN OF HOLE LOCALITY

SCALE 1:5000 FROM DRAWING NO.: A2-516-0064, A1-516-0043



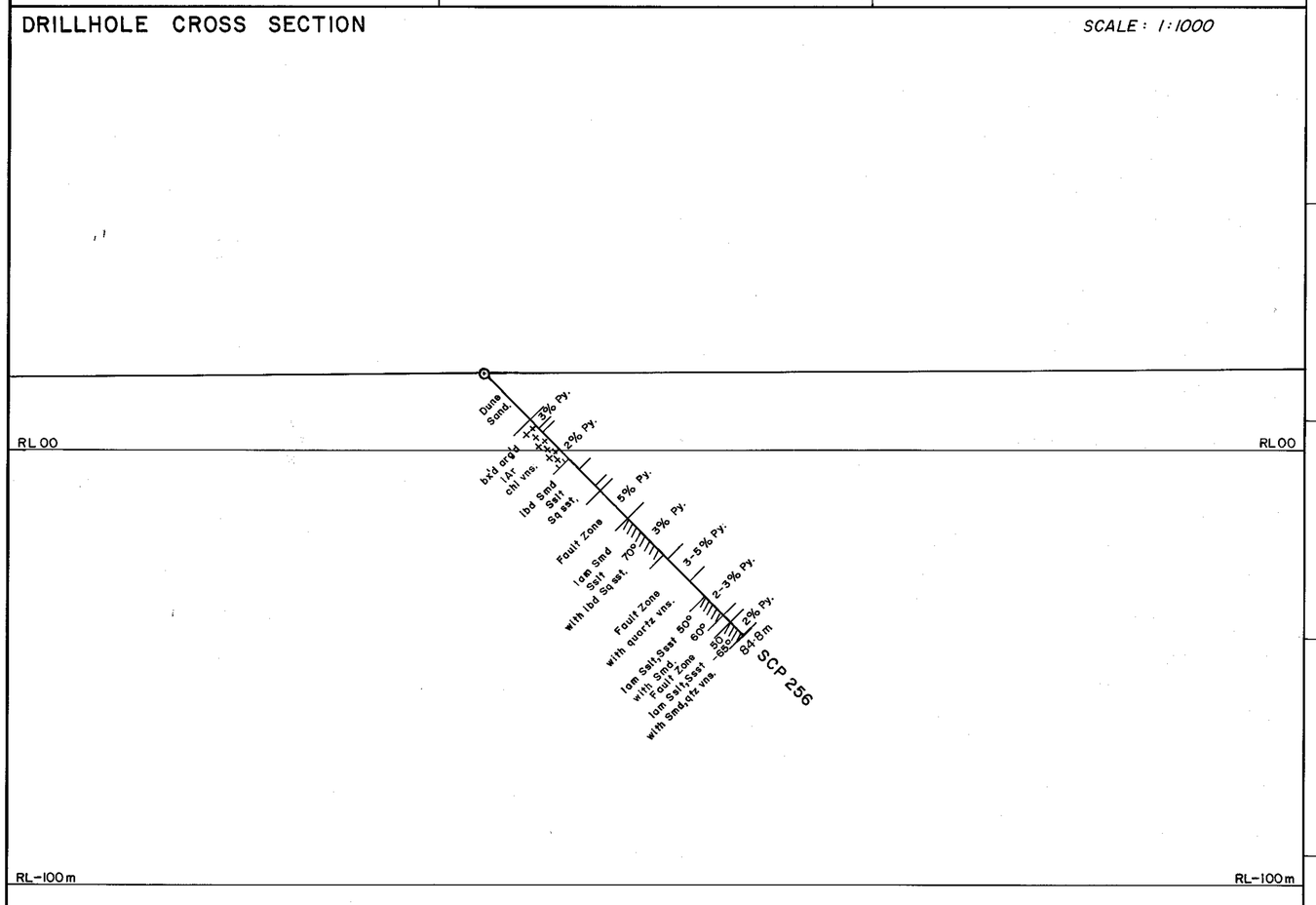
PLAN OF DRILLHOLE

SCALE: 1:1000



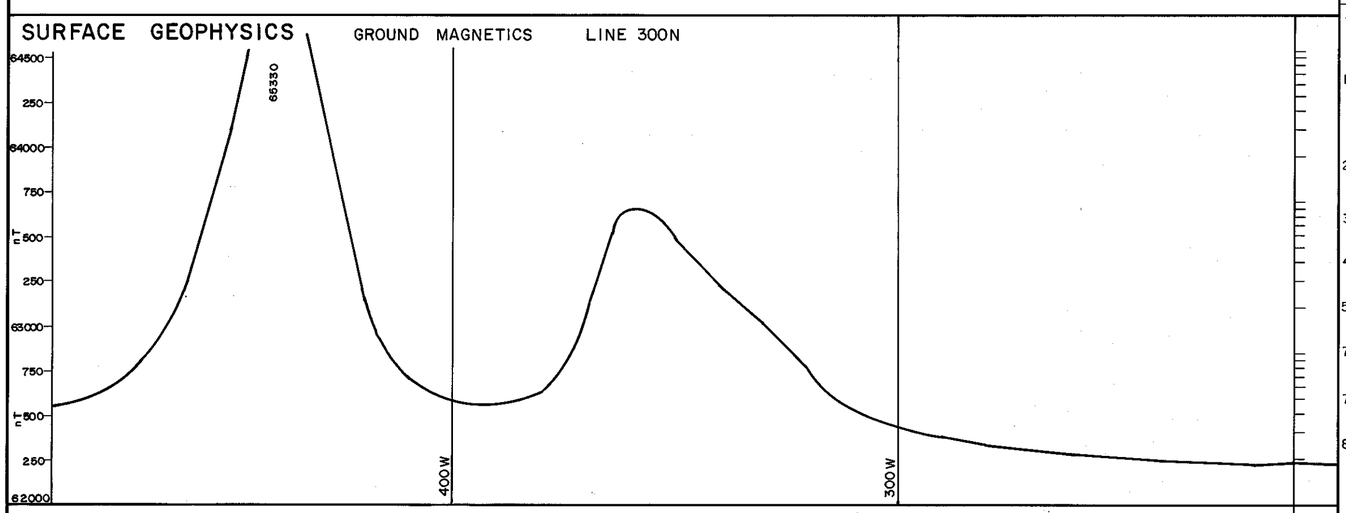
DRILLHOLE CROSS SECTION

SCALE: 1:1000



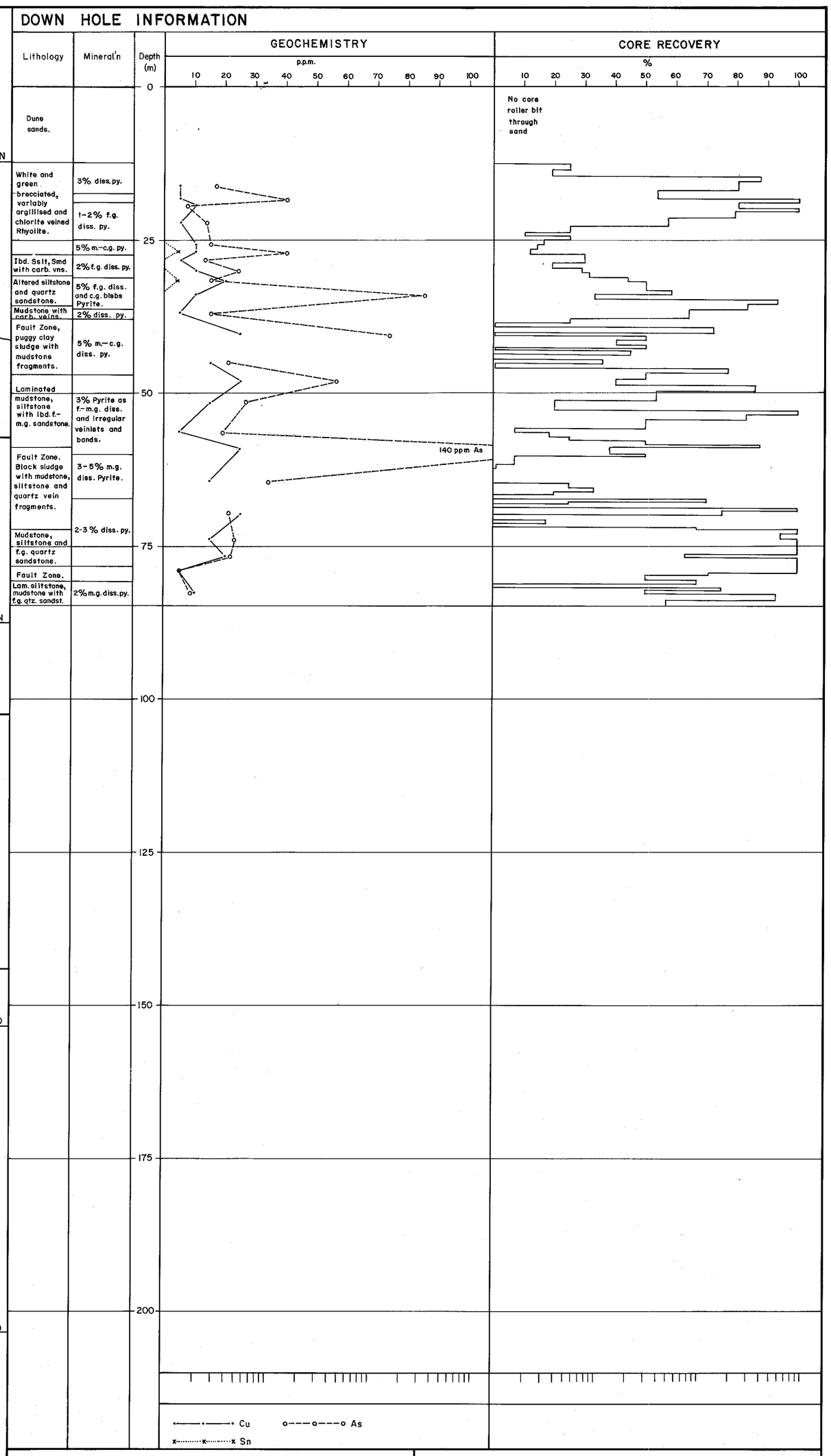
SURFACE GEOPHYSICS

GROUND MAGNETICS LINE 300N



SURFACE GEOCHEMISTRY

DOWN HOLE INFORMATION



SUMMARY OF COMPLETED HOLE

CO-ORDINATES	NORTHING	EASTING	R.L.
LOCAL GRID	300	390 W	18 m
A.M.G.	5,412,850	316,025	18 m

AZIMUTH: 055° A.M.G. DIP: -45° TOTAL DEPTH: 84.8m

COMMENCEMENT DATE: 30-3-'84 COMPLETION DATE: 8-4-'84

SPECIFICATIONS OF PROPOSED HOLE

CO-ORDINATES	NORTHING	EASTING	R.L.
LOCAL GRID	300 N	390 W	18 m
A.M.G.	5 412 850 m N	316 025mE	18 m

AZIMUTH: 055° A.M.G. DIP: -45° DESIGNED DEPTH: 110 m

ESTIMATED COMMENCEMENT: March, 1984

INTERNAL SURVEY INFORMATION

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP

HOLE SIZE	FROM	TO	HOLE SIZE	FROM	TO

ANTICIPATED GEOLOGY

DEPTH	LITHOLOGY	DEPTH	NATURE OF TARGET AND ANTICIPATED DEPTH
0-10 m	Stabilised dune sands.	30-90m	Magnetite or Pyrrhotite body, depth dependent upon dip of body.
10-110m	Interbedded Siltstones, Mudstones and Quartzites.		

DESIGNED BY: I.R. McD. DATE: Feb., 1984

DRILLED GEOLOGY (SUMMARISED)

DEPTH	LITHOLOGY	DEPTH	MINERALISATION AND SIGNIFICANT ASSAYS
0-14.6m	Dune sands, with black pebble horizon at base.	0-84.4m	Disseminated and blebby pyrite throughout, up to 5% but averages 2-3% py.
14.6-27.4m	Brecciated, variably argillised and chloritised rhyolite lava or minor intrusive with chlorite veinlets.		
27.4-37.9m	Siltstones, mudstones and quartz sandstones with carb. veins.		
37.9-47.0m	Fault Zone.		
47.0-58.9m	Laminated mudstone, siltstone and sandstone.		
58.9-72.4m	Fault Zone - with quartz veining.		
72.4-78.5m	Mudstone, siltstone and quartz sandstone.		
78.5-80.8m	Fault Zone.		
80.8-84.8m	Laminated siltstone, mudstone and quartz sandstone.		

LOGGED BY: I. McD. DATE: April, 1984

SAMPLE DATA

SAMPLED INTERVAL	SAMPLE NUMBERS	SAMPLE TYPE	ELEMENTS DETERMINED	LAB. METHOD
14.6-84.4 m	61201-61224	chip	Cu, Pb, Zn, Fe, Mn, Ag, As.	A.A.S.
			Sb, Sn, W.	X.R.F.
			Au.	Fire Assay.

NOTES:

AIM OF HOLE: To test a ground magnetic anomaly under a shallow cover of stabilised dune sands, in sediments, adjacent to a Devonian Granite intrusion.

NOTES: Target based on a vertical ± 10° dip, to magnetic feature.

The higher amplitude anomaly, west of the hole, was not tested because it is a short strike feature. The lower amplitude anomaly was chosen for testing because it extends over several lines.

5 cm

ELECTROLYTIC ZINC CO. OF A'ASIA LTD.

PROJECT: SANDY CAPE J.V. E.L. 56/80

SPECIFICATIONS AND SUMMARY OF RESULTS

EXPLORATION DIAMOND DRILL HOLE No. SCP 256

SCALE: As shown	Survey: I.R. Mc D.	Revised:
Reference:	Date: 24-2-'84	REF. No.
Drawn: R.J.R.	Checked:	A1-516-0066

TCR 94-3616
EL 56/80
E.Z. CO. GEOPEKO
SANDY CAPE