

041001

The Director of Mines
Department of Mines
PO Box 56
ROSNY PARK TAS 7018

P.B. 333/86/00
11/11

Dear Sir,

RELINQUISHMENT REPORT EL 1/77 ROCKY CAPE

86-2538

Please find enclosed CRAE Report No 13678, Rocky Cape EL 1/77, Report on Drilling for the Period 1st February 1985 to 30th November 1985 by S J Caithness. This report covers the final work carried out on this Licence.

EL 1/77 was reduced to a 124Km² area at Granville Harbour in February 1985 and all reports not specifically dealing with the Granville Harbour area were released onto open file at that time.

Reports which dealt specifically with the Granville Harbour area can now be released and we ask that you accept these reports and the following summary as our final report for the area.

Most of the early work at Granville Harbour was carried out by Geopeko.

Preliminary mapping and geochemical sampling of the large aeromagnetic anomaly at Gourlay's Creek near Granville Harbour was carried out early in 1982. A major skarn with magnetite, pyrrhotite and weakly anomalous copper/tin values was defined.

This work is reported in a Geopeko Report:-

"Progress Report EL 1/77 Granville East Prospect, Gourlay's Creek Prospect by P Heithersay and J Sumpton, June 1982"

Before me


B. P. REGAN
Commissioner of Mines and Geology
Tasmania

Following this, detailed grids were established over the Central Northern and Southern Windows and this was followed by grid mapping, detailed soil sampling and IP Sirotek surveys. This stage of the work is reported in Geopeko's Report:-

"EL 1/77 Rocky Cape Gourlay's Creek Prospect Progress Report Jan 1 - June 30 1983 by R J Perring"

Following this, additional mapping and jacro sampling was undertaken and three diamond drill holes were developed in the Central Window area:-

"Gourlay's Creek Prospect Granville Harbour Tasmania Progress Report EL 1/77 by C Kendall, June 1984"

Since then, work has concentrated on a separate aeromagnetic anomaly known as "the Alpine Anomaly". CRAE Report 13135 "Rocky Cape EL 1/77 Progress Report on the Alpine Prospect for the Period 1.2.84 to 31.1.85 by D J Weir" covers all the initial work on the prospect. This involved gridding, geological mapping, bedrock geochemical sampling and limited geophysical surveys. Two major conductor/geochemical anomalies were identified and these were drilled early in 1985.

Caithness' Report (CRAE Report 13678) which accompanies this letter covers the results of this drilling.

All drill sites and grids have been cleaned up and left in tidy condition. Disturbance to the land was kept to a minimum and the cut lines and drill pads should quickly be grown over.

Yours faithfully,



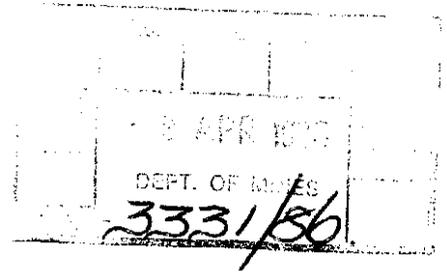
T W DICKSON
Chief Geologist

Enc.

000

041003

CRA EXPLORATION PTY LIMITED



ROCKY CAPE EL 1/77

REPORT ON DRILLING FOR THE PERIOD

1 FEBRUARY 1985 TO 30 NOVEMBER 1985

Author: S J Caithness

Date: 6 December 1985

Submitted to: T W Dickson

Accepted by: *[Handwritten Signature]*

Copies: CRAE Hobart
 CRAE Canberra
 Department of Mines,
 Tasmania
 Geopeko

OPEN FILE

The contents of this report remain the property of CRA Exploration Pty Limited and may not be published in whole or in part nor used in a company prospectus without the written consent of the Company.

REPORT NO: 13678

CONTENTS

	<u>Page No</u>
1. SUMMARY	1
2. INTRODUCTION	1
3. CONCLUSIONS	1
4. RECOMMENDATIONS	2
5. DRILLING	
5.1 Alpine Prospect	2
5.2 Red Prospect	3
6. REFERENCES	3
7. KEYWORDS	3
8. LOCATION	4
9. LIST OF PLANS	4
10. LIST OF APPENDICES	4

1. SUMMARY

A total of three diamond holes, two at Alpine prospect and one at Red prospect, were drilled to test coincident Genie EM, magnetics and soil geochemistry anomalies.

The drillhole at Red prospect intersected a sequence of shale, carbonaceous dolomite and mudstone. Narrow mineralized zones containing up to 20% pyrite and a fault zone are interpreted to cause the geophysical and geochemical anomalism.

The two Alpine drillholes traversed quartz-mica schists, quartz-carbonate-serpentinite skarn and semi-massive pyrite-magnetite-haematite mineralization. The mineralized zones are believed to account for the targeted anomalies.

A lack of high order base metal and gold analyses downgrade the tested anomalies. No further work is recommended on these targets.

2. INTRODUCTION

The Alpine and Red prospects resulted from regional follow-up of aeromagnetic anomalies within Exploration Licence 1/77 (Rocky Cape)(see plans TASH 2458 and 2533).

These anomalies were evaluated by a programme of C-horizon soil geochemistry, ground magnetics and Genie EM. Encouraging results over Alpine and Red prospects led to recommendations for drill testing.

3. CONCLUSIONS

The drill-tested, coincident EM, magnetic and geochemical anomalies at Alpine prospect are due to zones of pyrite-magnetite-haematite mineralisation. Minor to common chalcopyrite, bornite and arsenopyrite explain the surface geochemistry.

Geophysical anomalism at Red prospect is caused by mineralized zones containing 3-20% pyrite and a highly fractured fault zone. Anomalous soil geochemistry is thought to be caused by surficial enrichment over dolomite.

4. RECOMMENDATIONS

The anomalous targets have been adequately tested by drilling. No further work is recommended.

5. DRILLING

5.1 Alpine Prospect

Two diamond holes were drilled to test coincident geochemical and geophysical anomalies.

Drillhole PD85AP1 was collared at 9100E 9385N with azimuth 346 degrees (mag.) and dip -65 degrees. It was designed to test a strong Genie EM conductor with coincident magnetic high and Cu, Zn, As & Fe soil geochemistry.

The hole intersected a sequence of quartz-sericite, graphitic-mica and quartz-mica-carbonate schists including two narrow zones (0.9m and 5.3m) of semi-massive pyrite-magnetite-haematite mineralisation. Minor chalcopyrite, bornite and sphalerite occur throughout the mineralised zones with assays grading up to (ppm) 5000 Cu, 20 Pb, 50-Zn, 1 Ag. The mineralised zones are thought to adequately explain the geophysical and geochemical anomalies.

Drillhole PD85 AP2 was designed to test a strong Genie EM conductor on line 8700E at 9125N. A coincident magnetic peak on the flank of a larger magnetic feature, together with moderate Cu, Fe, Mn, Co & Ni soil geochemistry further enhanced the target.

The hole was collared in basalt at 8700E 9094N (azimuth 346 degrees (mag), dip -68 degrees) and intersected a dominantly quartz-mica schist sequence with lesser semi-massive pyrite-magnetite-haematite mineralisation and minor quartz-carbonate-serpentinite skarn. The mineralised zones contain minor-common bornite, sphalerite, chalcopyrite and arsenopyrite and grade up to 0.72% Cu over 8m. The geophysical and geochemical anomalism is interpreted to be caused by the pyrite-haematite-magnetite mineralisation.

Detailed geological logs of drillholes PD85AP1 & 2 are contained in Appendix 1 and drillhole locations and sections are shown on plans TASH 2544, 2548-9.

5.2 Red Prospect

One diamond drillhole, PD85RP1, was designed to test a moderate C-horizon soil geochemical anomaly (maximum [ppm] 400 Zn, 100 Pb, 100 Cu) associated with a semi-coincident, strong Genie EM conductor and magnetic contact. A fault zone was interpreted to be the cause of the geophysical response however drill testing was recommended (see plans TASH 2290, 2404 and 2420).

The hole was collared at 5500E 5000N with azimuth 210 deg (mag) and dip -61 deg. It traversed shales, carbonaceous dolomite and mudstone and included zones containing up to 20% pyrite. A highly fractured fault zone (46.0-82.0m) largely coincides with the carbonaceous dolomite.

The pyritic zones and fault adequately explain the geophysical response, however surficial geochemical enrichment is interpreted to cause the elevated soil assays. Drillhole analyses were of a low order.

A detailed geological log of drillhole PD85 RP1 is included in Appendix 2 and a section shown on plan TASH 2551.

6. REFERENCES

Weir, D J 1985 Rocky Cape EL 1/77
 Progress Report for period 1 Feb 1984
 to 31 Jan 1985
 CRAE Report No 13114

Weir, D J 1985 Rocky Cape EL 1/77
 Progress report on the Alpine Prospect
 for the period 1 Feb 1984 to 31 Jan
 1985
 CRAE Report No 13135

7. KEYWORDS

Dolomite, Shale, Schist, Calc-silicates, Assays-drill,
 Drill-diamond, Geophys-EM, Geophys-mag

005

8. LOCATION

Queenstown SK5-5 1:250 000 sheet

9. LIST OF PLANS

<u>Plan No</u>		<u>Scale</u>
TASh 2458	Rocky Cape EL 1/77 Reduction of Area (Location Plan)	1:250 000
TASh 2544	Rocky Cape EL 1/77 Alpine Anomaly Geochemical and Geophysical Compilation	1:5 000
TASh 2533	Rocky Cape EL 1/77 Prospect and Grid Line Location Plan	1:100 000
TASh 2548	Rocky Cape EL 1/77 Alpine Anomaly Line 9100E PD85AP1 Drill Section Looking West	1:1 000
TASh 2549	Rocky Cape EL 1/77 Alpine Anomaly Line 8700E PD85AP2 Drill Section Looking West	1:1 000
TASh 2290	Rocky Cape EL 1/77 Red Anomaly Genie Profiles	1:5 000
TASh 2420	Rocky Cape EL 1/77 Red Anomaly Ground Magnetism	1:5 000
TASh 2404	Rocky Cape EL 1/77 Red Anomaly Geochem Profiles	1:5 000
TASh 2551	Rocky Cape EL 1/77 Red Prospect PD85RP1 Drill Section Looking North-West	1:1 000

10. LIST OF APPENDICES

- Appendix 1 Alpine Prospect Drill Logs - PD85AP1 & 2
- Appendix 2 Red Prospect Drill Log - PD85RP1
- Appendix 3 Geophysical Interpretation - Memorandum from T von Strokirch

003

041009

APPENDIX 1

ALPINE PROSPECT DRILL LOGS

PD85API & 2

C.R.A EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 1
TENEMENT NAME EL 1/77 ROCKY CAPE No. ALPINE PROSPEC
LOGGED BY G. PURVIS

CO-ORDINATES 9100E, 9385N AZIMUTH 357° AMG (346° MAG) DRILLERS OVERLAND COMMENCED 22.1.85 DEPTH 106.7m HOLE No. PD 85 AP 1
RL COLLAR 192m INCLINATION -65° DRILL TYPE WARMAN 500 COMPLETED 30.1.85 CASING LEFT PVC to 24m DPO No(s) 21928

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by ANALABS)											
From (M)	To (M)										Cu	Pb	Zn	Ag	Au							
<u>PERCUSSION</u>																						
0	7				AMYGDALOIDAL MAFIC LAVA Pale yellow and grey. Soft, highly weathered and clayey. Fine gr, with 1-3mm amygdaloids filled with zeolite	5-7m, minor limonite stains. 1 thin qtz vein.	1154601	0	3			35	10	40	<.5							X = <.008 ppm
							1154602	3	5			70	10	25	<.5	X						
							1154603	5	7			90	<.5	45	<.5							
7	12				CEMENTED QUARTZ GRIT AND SILICEOUS 'GREY BILLY' An alluvial deposit cemented by silica. Yellow-brown. Hard. Qtz grit with silica-limonite cement; qtz-pebble conglomerate with silica- limonite cement; and massive amorphous silica ('grey billy').	Highly limonite-stained.	1154604	7	9			90	<.5	100	<.5	X						
							1154605	9	11			80	<.5	85	<.5							
							1154606	11	13			65	<.5	100	<.5	X						
12	18				Pale grey QUARTZ-MICA SCHIST Black GRAPHITIC SCHIST, and soft, black CARBONACEOUS METASILTSTONE Minor vermicular BACT 13-15m E minor py.	Qtz veins to 25mm, generally <10mm 1-5% dissem py. Some py in qtz veins, and as thin beds (<1mm) in metasiltstone.	1154607	13	15			25	<.5	40	<.5							
							1154608	15	17			25	<.5	30	<.5	X						
							1154609	17	18			20	<.5	20	<.5							
18	30				FAULT ZONE Pale green + white QTZ-SERICITE SCHIST Leader, black + white QTZ-GRAPHITE-MICA SCHIST Minor, pale grey, finely laminated QTZ- MICA SCHIST. QUARTZITE PEBBLES coated with	Interval characterized by abundant veins and irreg masses of vuggy xylline qtz. 1-10% dissem py. Au 2-3%, strongest 20-24m. Poss arsenopy 22-24m. Hole making abd of water commencing at 18m.	1154610	18	20			5	<.5	100	<.5	X						
							1154611	20	22			10	<.5	65	<.5							
							1154612	22	24			5	5	50	<.5	X						
							1154613	24	26			5	<.5	25	<.5							
							1154614	26	28			5	<.5	20	0.5	X						
							1154615	28	30			5	<.5	15	<.5							

041010

200

000

C.R.A EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 3

TENEMENT NAME..... No.....
PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. D85AP1
RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31930

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by ANALAB)							
From (M)	To (M)										Cu	Pb	Zn	Ag	Au			
62.00	83.60	21.60	NQ		QUARTZ-MICA-CARBONATE SCHISTS	62-75.4m: 1-2% py, dissem + veinlets	11SA751	62	64		35	15	35	0.5				
					After variable sequence of finely bedded sandstones, siltstones, grey and black shales. Minor graphitic sections	Rare trace cp. Trace cp-sp-gr in qtz vein @ 69.3m.	752	64	66		45	20	30	0.5				
					Pale grey to greenish-grey	75.4-83.6m: 5-10% py, dissem + in veinlets, but mostly in massive and semi-massive bands // schistosity	753	66	68		30	15	55	0.5				
					Trace chlorite, increasing below 82.1m	Best of these:	754	68	70		35	45	150	0.5				
					Highly micaceous 75-77.5m.	76.7m: 200mm, 45°/LCA.	755	70	72		30	10	60	1.0				
					Disse, irreg qtz-carb veins and patches up to 70mm, esp in silicified zones 62-62.7m, 74.45-74.9m, 77.65-79.9m.	77.2m: 100mm, 45°/LCA.	756	72	74		30	20	55	1.0				
					Minor breccia zones.	78.1m: 100mm, 60°/LCA. Minor arsenopy	757	74	76		175	15	100	0.5				
					Schistosity (after bedding): 48°/LCA @ 70.2m, 53°/LCA @ 82.4m.	76.7m: 200mm, 45°/LCA.	758	76	78		290	70	1550	0.5				76-84.2m c
					Basal contact 75°/LCA.	77.2m: 100mm, 45°/LCA.	759	78	80		970	40	1000	0.5				8.2m @ 0.19% Zn
						78.1m: 100mm, 60°/LCA. Minor arsenopy	11SA760	80	82		290	115	4150	0.5				
						78.3m: 100mm, 45°/LCA.	761	82	84.20	2.2	1050	75	920	0.5				
						79.3m: 40mm, 50°/LCA. Trace cp-arsenopy.												
						81.8-82.1m: 300mm, 60°/LCA. 5% sp-gr												
						83.6m: 30mm, 55°/LCA. Minor cp-sp												82.0-94.75 =
						Minor arsenopy-cp-sp-gr, below 78.1m.												12.75m @ 0.24% Cu
83.60	84.20	0.60	NQ		QUARTZ-MICA-CHLORITE SCHIST	3% dissem + veinlet py. Minor cp.												
					Green.													
					Some irreg qtz veins													
84.20	85.15	0.95	NQ		SEMI-MASSIVE BANDED SULPHIDE		11SA762	84.20	85.15	0.95	4600	30	85	0.5				
					Upper contact 65°/LCA, lower 30°/LCA.													
					Sulphide banding 45°/LCA.													
					Bands and clots of py-magnetite-hematite in gangue of carb > qtz													
					> chlorite, 1-2% cp.													
					Intercalation of chlorite schist 84.5-84.6m.													
85.15	87.50	2.35	NQ		QUARTZ-CHLORITE SCHISTS	5% dissem py, locally 10%. Trace cp.	11SA763	85.15	87.50	2.35	1000	15	65	0.5				
					Probably after chert and mafic tuffs. Sulph often conc in bands // schistosity.													

041012

C.R.A EXPLORATION PTY. LIMITED
DRILL CORE LOG

TENEMENT NAME..... No.

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. PD85AP1

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31930

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by ANALABS)					
From (M)	To (M)										Cu	Pb	Zn	Ag	Au	
					Green and creamy-grey Minor carb and mica. Some diffuse patches of xylite. gr-carb.	Trace magnetite in upper 0.3m.										
87.50	92.85	5.30	NQ		<u>BANDED SEMI-MASSIVE TO MASSIVE PYRITE - MAGNETITE</u>	Leaver hematite. 1% cp (locally 2%) Trace gn-sp. Some chalcocite and bornite 91.5 - 92.85m.	1154764 765 766	87.50 89.50 91.50 92.85	89.50 91.50 92.85	2.0 2.0 1.35	5000 990 3000	20 20 25	50 40 65	1.0 0.5 20.5		
					Upper contact 38°/LCA. Sulph + mag gen more massive towards upper + lower margins of zone. Gr > carb gangue. Very hard. Minor chlorite. Pts hematite at 90.5m. Banding in sulph: 43°/LCA at 88.1m, 52°/LCA at 92m. Basal contact a shear 65°/LCA.											
92.85	93.75	0.35	NQ		<u>SHEAR ZONE IN QUARTZ-CHLORITE - CARBONATE SCHIST</u> 60°/LCA, Minor mica and dark magnesian chlorite	7-10% dissem py. Minor cp. Highly broken and clayey.										
93.75	96.75	2.55	NQ		<u>QUARTZ-MICA SCHIST</u> After finely bedded gneiss sandstones, siltstones and black shales. Minor graphitic zones. Minor chlorite + carb. Main shear continues to 94.3m - highly broken, with irreg gr veins to 80mm. Below this, some sheared micaceous zones and brecciated gneiss zones. Schistosity (after bedding) 50°/LCA at 95.8m.	3-5% py, minor persistent cp.	1154767 768	92.85 94.75 96.75	94.75 96.75	1.9	2600 175	10 5	75 40	20.5 1.0		
96.75	106.70	8.70	NQ		<u>GRAPHITIC SCHIST</u> After black shales	7-10% dissem py. Some as clots after clusters of coarse deformed py xyls to	1154769 770	96.75 99 101	99 101		70 70	5 10	60 60	1.0 1.0		

011

C.R.A EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 5

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. 1285AP1

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31930

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by <u>ANALABS</u>)				
From (M)	To (M)										Cu	Pb	Zn	Ag	Au
					A qtz-graphite-mica ± chlorite rock. 15mm. Tiny (<<1mm) threads of py		1154771	101	103		70	10	80	1.0	
					Black & pale grey qtzose bands. // schistosity.		772	103	105		60	15	100	1.5	
					Highly schistose, brecciated in places. Irreg qtz ± carb ± chlor veins to 100mm		773	105	106.70		60	5	45	1.0	
					Gen. badly broken. 100mm puggy clay zone @ 99.8m. ± rare trace py.										
					Schistosity 63°/LCA @ 98.5m, 50°/LCA @ 103m.										
					END OF HOLE										

041014

012

C.R.A EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 1
TENEMENT NAME ROCKY CAPE - ALPINE PROJECT No. EL 1/77
LOGGED BY: G. PURVIS

CO-ORDINATES 8700 SE 9094 N AZIMUTH 357° AMG (346° MAG) DRILLERS OVERLAND COMMENCED 30.1.85 DEPTH 85.80m HOLE No. PD 95 AP 2
RL COLLAR 189m INCLINATION -68° DRILL TYPE WARMAN 500 COMPLETED 2.2.85 CASING LEFT PVC TO 85m DPO No(s) 31928

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by <u>ANALABS</u>)						
From (M)	To (M)										Cu	Pb	Zn	Ag	Au		
					<u>PERCUSSION</u>												
0	4				<u>MAFIC VOLCANIC</u> Pale yellow and grey Highly weathered, clayey, soft. FI-med gr. Small (1mm) amygdaloes		1154616	0	2			45	5	10	<5	X	
							1154617	2	4			110	5	5	<5		
4	14				<u>CHERT</u> A capping? Hard, fi gr. Dark bluish-grey i characteristic white exterior surface to fragments. Dog tooth qtz xpls on exterior surface. Rock composed of xuline qtz and bluish chalcocite qtz - some i agate banding. Minor fine mica and minor qtz-mica schist, variably silicified.	1-5% py dissem. some thin zones or bands of semi-massive py. Limonite stains.	1154618	4	6			70	<5	25	<5	X	
							619	6	8			30	<5	30	<5		
							620	8	10			35	<5	45	<5	X	
							621	10	12			60	10	55	<5		
							622	12	14			50	5	70	<5	X	
14	14:50				<u>SEMI-MASSIVE PYRITE</u> In quartz gangue		1154623	14	16			30	10	270	0.5		
14:50	19:50				<u>QUARTZ-MICA SCHIST</u> Pale grey, finely laminated. Numerous barren qtz veins Minor chlorite where more qtzose.	1-3% dissem py.	1154624	16	18			45	5	270	<5	X	
							625	18	20			50	35	600	1		
19:50	45				<u>QUARTZ-MICA-CHLORITE SCHIST</u> Greenish-grey, finely laminated with intercalations of more-micaceous and chloritic schist Numerous qtz veins generally barren.	1-10% py, av 3%. Dissem, bnd also in massive and semi-massive laminae up to 15mm with minor hematite. Rare trace cp below 32m. 33-33.5m massive py in mica-	1154626	20	22			90	90	1600	<5	X	
							627	22	24			60	30	370	0.5		
							628	24	26			65	30	770	<5	X	
							629	26	28			50	20	290	0.5		
							630	28	30			40	15	205	0.5	X	

X = < 0.008 ppm

041015

013-

C.R.A EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 2
No.

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. D85AP 2
RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31930

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by <u>ANALABS</u>)							
From (M)	To (M)										Cu	Pb	Zn	Ag	Au			
						-chlorite-gtz schist zone	1154631	30	32		55	15	180	<0.5				
							632	32	34		275	90	650	1	X			
45	46				<u>SEMI-MASSIVE PYRITE</u> In quartz gangue. Rare hematite.		633	34	36		45	10	180	0.5				
							634	36	38		35	10	140	0.5	X			
							635	38	40		55	20	135	0.5				
46	53				<u>QUARTZ-MICA SCHIST</u> Grey. Finely laminated Minor chlorite. Minor barren gtz veins.	46-48m: 15% dissem py; conc in highly siliceous schist zones & minor hematite staining. Minor cp. 48-53m: 5-10% py. 1% cp 48-50m Minor sp-gr-cp.	636	40	42		55	5	155	0.5	X			
							637	42	44		185	10	1400	0.5				
							638	44	46	2.0	7650	30	290	1.5	0.03			
							639	46	48	2.0	5250	30	105	1.0		44-56.2m =		
							640	48	50	2.0	4900	15	160	0.5	X	12.2m =	0.629%	
							641	50	52	2.0	3500	30	170	<0.5				
53	55.5				<u>SEMI-MASSIVE HEMATITE-PYRITE</u> <u>MAGNETITE</u> In siliceous (cherty) gangue, ^{some} carbonate Reddish-purple color. Some fine banding.	Minor cp to 54m, then 3-5% cp. Note: Much contamination of sample 1154643 by core-in gtz-mica-chlorite schist from higher in hole.	642	52	54	2.0	1300	60	245	<0.5	X			
							643	54	55.5	1.5	3500	25	410	<0.5				
<u>CORING</u>																		
55.5	56.20	0.70	NØ		<u>SEMI-MASSIVE PYRITE-MAGNETITE</u> In gtz-carbonate (dolomite)-gangue. Minor hematite. v. hard. Some possible wollastonite. Creamy-black in color. Finely banded 70%LCA	1% cp > bornite	1154774	55.50	56.20	0.7	4150	30	75	1.0				
56.20	58.60	2.40	"		<u>QTZ-CARBONATE-SERPENTINE SKARN</u> Pale yellowish-green. Mod hard. Prob after altered carbonate unit. Small aggregates of fawn dolomite xyls to 3mm, with minor talc, in matrix of gtz >> serpentine. Indistinctly banded 50%LCA. Shear at base.	Minor py and cp.	1154775	56.20	58.60		870	<5	80	<0.5				

041016

0110

C.R.A EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 3

TENEMENT NAME..... No.....
PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. PD 85 AP 2
RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31930

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by.....)							
From (M)	To (M)										Cu	Pb	Zn	Ag	Au			
58.60	64.80	6.20	NQ		MASSIVE PYRITE-MAGNETITE-HEMATITE Above 60.7m mostly pyrite ± indistinct banding. Below 60.7m mostly magnetite > hem > py ± fine banding (38°/LCA @ 61.3m) Minor qtz-carb-chlor gangue.	Up to 1% cp. Trace bornite.	1154776	58.60	60.60	2.0	125%	20	65	<0.5				
							777	60.60	62.60	2.0	7100	20	60	<0.5				58.6-66.65m
							778	62.60	64.80	2.2	4400	20	55	<0.5				= 8.05m @ 0.72%
64.80	66.65	1.85	NQ		CHLORITE-QUARTZ-CARBONATE SCHIST After altered mafic volc tuffs? Green, med gr. Vague 1° layering 25°/LCA.	1% py, minor cp. Minor qtz-carb veining.	1154779	64.80	66.65	1.85	220	30	50	<0.5				
66.65	68.30	1.65	NQ		MASSIVE PYRITE-MAGNETITE-HEMATITE Hard. Minor qtz-carb gangue. Banding 50°/LCA @ 68m. Conformable basal contact 73°/LCA.	Up to 1% cp. Minor bornite	1154780	66.65	68.30		590	45	45	<0.5				
68.30	69.65	1.35	NQ		CHLORITE-CARBONATE-QUARTZ SCHIST After altered mafic volc tuffs? Pale green, med gr. Banding (schistosity) 56°/LCA @ 68.7m. Delomitic xyls to 3mm, av < 1mm, in matrix of chlorite, qtz and minor serpentine.	1-2% py, minor cp. Dissem + in veinlets.	1154781	68.30	69.65		295	10	65	<0.5				
69.65	70.45	0.80	NQ		MASSIVE PYRITE-MAGNETITE Minor qtz-carb gangue, trace chlorite. Banded 45°/LCA	Minor hematite, cp, bornite	1154782	69.65	70.45	0.8	6050	20	80	<0.5				69.65-71.4m = 1.75m @ 0.44%
70.45	85.80	14.70	NQ		CHLORITE-QTZ-CARBONATE SCHIST Green, med gr.	70.45-71m: 2% cp + bm, 1-2% py. 71-72.2m: 3% py, minor cp	1154783	70.45	71.40	0.95	3050	5	30	<0.5				

011017

010

C.R.A EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 4

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. *P.85AP.2*

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) *31931*

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by <i>ANALABS</i>)									
From (M)	To (M)										Cu	Pb	Zn	Ag	Au	Ba				
					<i>Carb mainly dolomite to 75m then calcite</i>	<i>72.2 - 84.4m: 1% py Trace cp + bn</i>	<i>1154730*</i>	<i>71.4</i>	<i>74.4</i>		<i>640</i>	<i><5</i>	<i>80</i>	<i><.5</i>	<i><.0005</i>	<i>110</i>				
					<i>- often partially leached.</i>	<i>84.4 - 85.8m: 2-3% py Trace cp + bn</i>	<i>731</i>	<i>74.4</i>	<i>77.4</i>		<i>180</i>	<i><5</i>	<i>65</i>	<i><.5</i>						
					<i>Minor irreg veins of qtz and/or carb,</i>	<i>Sulphides dissem + in 1-2mm veins/lots</i>	<i>732</i>	<i>77.4</i>	<i>80.4</i>		<i>175</i>	<i><5</i>	<i>50</i>	<i><.5</i>	<i><.0005</i>	<i>60</i>				
					<i>often partly leached.</i>		<i>733</i>	<i>80.4</i>	<i>83.4</i>		<i>220</i>	<i><5</i>	<i>75</i>	<i><.5</i>						
					<i>Above 77m some highly siliceous zones</i>	<i>Cavity 75.75-76.3m - core loss</i>	<i>734</i>	<i>83.4</i>	<i>85.8</i>		<i>195</i>	<i><5</i>	<i>60</i>	<i><.5</i>	<i><.0005</i>	<i>20</i>				
					<i>Some mineral banding prob after 1°</i>															
					<i>lineation (50% LCA @ 81.6m) - folding</i>															
					<i>evident</i>															
					<i>END OF HOLE</i>															

* 1154730-734 are grind samples.

041018

APPENDIX 2

RED PROSPECT DRILL LOG

PD85RP1

017

C.R.A. EXPLORATION PTY. LIMITED

DRILL CORE LOG

LOGGED BY: J. WEIR to 4m; G. PURVIS to 91.6m.

SHEET No. 176

TENEMENT NAME Rocky Cape E.L.1/77 No.

CO-ORDINATES 5008N 5500E AZIMUTH 210° magnetic

DRILLERS Overland Dullwing COMMENCED 5/2/85

PLAN - MAP REFERENCE RED ARROWAY

DEPTH 91.60m HOLE No. PD 85 RP1

RL COLLAR INCLINATION - 61°

DRILL TYPE Warman 500 COMPLETED 12.2.85

CASING LEFT PVC to 45m DPO No(s) 31927

DEPTH From (M)	To (M)	Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath. Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by ANALABS)				
											Cu	Pb	Zn	Ag	Fe
0	2				Grey shale possibly slightly dolomitic but doesn't fizz acid.	Weathered l. brown shale fragments.	1154901	0	2		45	5	30	<.5	4.15%
2	4					As above + soft, weathered slightly talose grey shale, minor ferruginous bands.	1154902	2	4		60	15	20	<.5	2.25%
4	6					Weathered grey shale in light brown loam.	1154903	4	6		70	5	10	<.5	2.30%
6	8					Weathered grey shale in light brown - Or-brown clays. - water table.	1154904	6	8		95	20	150	<.5	1.55%
8	9				Light grey shale - dolomitic? doesn't fizz acid.	Light grey f.g. laminated shale! - dolomitic? slightly silicified. Trace pyrite along bedding minor carbonaceous? bands.	1154905	8	9		60	45	155	<.5	1.75%
6" PVC Casing to 9m.															
9	11					60% light grey, f.g. shale 1-2% + disseminated pyrite. 40% black shale.	1154906	9	11		60	20	150	<.5	1.60%
11	13				12-13? Black shale.	60% light grey f.g. shale of siliceous 1-2% finely disseminated pyrite. 40% Black carbonaceous shale.	1154907	11	13		55	20	225	<.5	1.45%
13	15				L. Grey shale.	L. grey f.g. shale. ± 1% f.g. disseminated pyrite	1154908	13	15		70	20	190	<.5	1.60%
15	17				thin interbedded grey shale and black silicified carbonaceous shale.	L. grey f.g. shale 1-2% pyrite. 20% fragments black shale.	1154909	15	17		60	25	320	<.5	1.40%

041020

C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 2

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. PD85RP1

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31927

DEPTH		Core Rec (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by ANALABS)				
From (M)	To (M)										Cu	Pb	Zn	Ag	Fe
17	19				Interbedded grey shale and black oilified? Carbonaceous shale.	50% fragments grey shale 1-2% py. 50% fragments black shale.	1154910	17	19		80	20	370	<5	135%
19	21				Grey Shale	70% grey shale & 1-2% f. dissemin py. 10% black oilified? Carbonaceous shale. 20% fragments massive pyrite - bedding planes? 2-5mm.	1154911	19	21		110	40	365	<5	4700
21	23				Black oilified Carbonaceous shale.	80% fragments black shale 20% fragments massive py 2-5mm.	1154912	21	23		105 105	35 30	120 135	<5 <5	5650 6250
23	25				? minor grey shale interbeds? Care in?	Dominantly black shale 20% fragments massive py 2-5mm minor grey shale. - Care in? Some py in bedding planes.	1154913	23	25		105	45	195	<5	5900
25	27					72% black shale, 23% grey shale ± 1-2% f. disseminated py. 5% coarse massive py.	1154914	25	27		95	20	195	<5	6550
27	29					80% black f.g. Carbonaceous shale. 1-3% finely disseminated py. 2-5% massive py. 15% grey shale & 1-2% f. dissemin py.	1154915	27	29		90	20	120	<5	6200
29	31					70% black shale & 1-2% finely dissemin py. 2-5% massive py. 30% Grey shale & 1% f. dissemin py.	1154916	29	31		95	15	135	<5	6450

041021

610

C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 3

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. PD8SRP1

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31927

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by ANALABS)						
From (M)	To (M)										Cu	Pb	Zn	Ag	Au	Fe	
						minor quartz veining. - fault?											
31	32.6				Black sl. siliceous black shale. ? v. finely disseminated pyrite 20-30% PT. Quartz veining abundant. - FAULT.		1154917	31	32.6		85	20	120	<.5		7800	
					NQ CORE FROM 32.6m.												
32.6	34.1	0.6			Black shale bedding $\approx 33m$ 70°		1154701	32.6	35		90	25	105	<.5		5100	
34.1	34.6	0.5			bedding ≈ 34.4 67° 10-15% v. finely disseminated pyrite in bedding planes. Coarse 3mm qtz veins with qtz pyrite $\approx 33, 34.2, 34.7$. Occasional py. aggregates.												
34.6	35.4	0.6			black Carbonaceous shale $\approx 1\%$ py 34.7 - coarse 3mm quartz-py vein.												
35.4	37.0	1.3			Black shale 2-3% py. bedding ≈ 36.8 $= 65^\circ$ Dissem py in bedding planes. Joint $70^\circ \rightarrow 37.0m$.		1154702	35	37		70	15	65	<.5	*	8000	
37.0	37.9	0.7			Black shale, highly broken, Tr. v. fine pyrite. minor calcite filled joints.		1154703	37	39		65	15	65	<.5		8150	

* Below DL of 0.008

041022

020

C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 4

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. DBSRP1

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) 31927

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by <u>ANALABS</u>)								
From (M)	To (M)										Cu	Pb	Zn	Ag	Au	Fe			
37.9	38.5	0.4	NQ		Black Shale	Highly broken black shale. muddy, clay infill @ 38.5m.													
38.5	39.1	0.5				Highly broken black shale.													
39.1	39.9	0.6				Fractured, silicified black shale	1154704	39	41		25	20	45	<.5	X*	1.65%			
					39.7m. Dolomite.	Black - r. dk. gray r. fine grained dolomit. - Carbonaceous. 39.8m. common <1mm qty veins 25°													
39.9	40.6	0.6				black, fractured dolomite, numerous <1mm quartz veins @ 38° x 69°													
40.6	41.4	0.7				Fractured black f.g. dolomite.													
41.4	42.1	0.5				Fractured black f.g. dolomite minor qty vein 75° along bedding?? not continuous.	1154705	41	43		10	15	40	<.5		8050			
42.1	42.6	0.5				Black massive f.g. fractured dolomite. Numerous 1mm quartz veins.													
42.6	43.4	0.7			Fault zone 42.6-	Highly fractured dolomite. Intense quartz veins from 42.6-43.0 Minor pyrite, cpy? in veins. - 34° dominant. Graphitic? slickensides/any fault on shear planes.													

* Below D.L. of 0.008

041023

022

C.R.A. EXPLORATION PTY. LIMITED
DRILL CORE LOG

SHEET No. 6

TENEMENT NAME..... No.....

PLAN - MAP REFERENCE.....

CO-ORDINATES..... AZIMUTH..... DRILLERS..... COMMENCED..... DEPTH..... HOLE No. **085RP1**

RL COLLAR..... INCLINATION..... DRILL TYPE..... COMPLETED..... CASING LEFT..... DPO No(s) **31927**

DEPTH		Core Rec. (M)	Core Size	Graphic Log	CORE DESCRIPTION	SPECIAL FEATURES Weath, Alteration, Fracturing, Veining, Mineralization	Sample No.	From (M)	To (M)	Rec (M)	ASSAY VALUES (Analysed by ANALABS)							
From (M)	To (M)										Cu	Pb	Zn	Ag	Au	Fe		
82	91.60	2-10	NQ		MUDSTONE Dark grey.	Badly broken up by faulting - over 75% of core lost.	1154724	79	82		10	15	35	<.5	X*	1.6%		
					fi gr. Generally massive, bedded in places	82-86m: 3-5% fi gr dissem py	725	82	84		20	20	55	<.5	X	135%		
					Variably carbonaceous, only minor carbonate	86-86.9m: 10-15% py, mostly in massive beds up to 15mm.	726	84	86		40	15	45	<.5	X	7600		
					Beds of massive pyrite up to 15mm below 86m. Minor beds of lithic breccia c clasto to 8mm, some of bedded massive pyrite	86.9-91.6m: 5-10% dissem and bedded py.	727	86	86.9		80	45	50	<.5	X	4350		
					Bedding 45°/LCA @ 86.5m; 33°/LCA @ 89.1m.		728	86.9	91.2		55	20	75	<.5	X	7650		
					END OF HOLE		1154729	87.2	90.8		70	20	135	<.5	X	9750		
							(sludge)											

* Below DL of 0.008

041025

APPENDIX 3

GEOPHYSICAL INTERPRETATION

MEMORANDUM FROM T von STROKIRCH

CRA

CRA EXPLORATION PTY. LIMITED

(INC. IN N.S.W.)

LEVEL 4, BELLERIVE QUAY,
CAMBRIDGE ROAD, BELLERIVE, 7018, TASMANIA, AUSTRALIAP.O. BOX 138
BELLERIVE 7018
TELEGRAMS: CRAEX
TELEX: AA57144
TELEPHONE: 44 3533
AREA CODE: (002)

IN REPLY PLEASE QUOTE

4 December 1985

MEMO TO: S.J. CAITHNESS

FROM: T. VON STROKIRCH

SUBJECT: DRILLING ON THE ROCKY CAPE EL

During January 1985 three holes were drilled on the Rocky Cape EL, two at the Alpine prospect and one at the Red Anomaly. These were aimed at primarily geophysical targets though in all cases the geophysics were supported by some anomalous geochemical response.

At the Alpine prospect holes PD85 AP1 and PD85 AP2 were aimed at conductors detected during a survey with the Scintrex SE-88 GENIE system. PD85 AP1 was also associated with a discrete magnetic anomaly and PD85 AP2 was associated with a residual magnetic anomaly on the flanks of a major structure. Both holes were found to contain intersections of massive sulphides in the form of pyrite combined with varying amounts of magnetite. These intersections serve to explain the geophysical anomalies quite adequately.

PD85 RP1 drilled at the Red prospect was targeted to intersect conductive, magnetic and geochemical anomalies which were not quite coincident. The conductor is again due to sulphide bands, in this case a combination of the two highest up the hole to form one anomaly as they are within the reading spacing of the survey. A source for the magnetic anomaly was not found though it is likely to be due fine grained magnetite in the pyrite bands at the bottom of the hole.

An interesting feature of the holes was that the intersection depth in all cases proved to be deeper than interpreted from the GENIE results by a factor of about 10%. As this is consistent it would appear that this is a factor that should be taken into account in further interpretation in this sort of environment.

To sum up; the Red anomaly has been adequately tested by the hole and no further course of work is obvious. The Alpine holes have tested the major conductors on the northern side

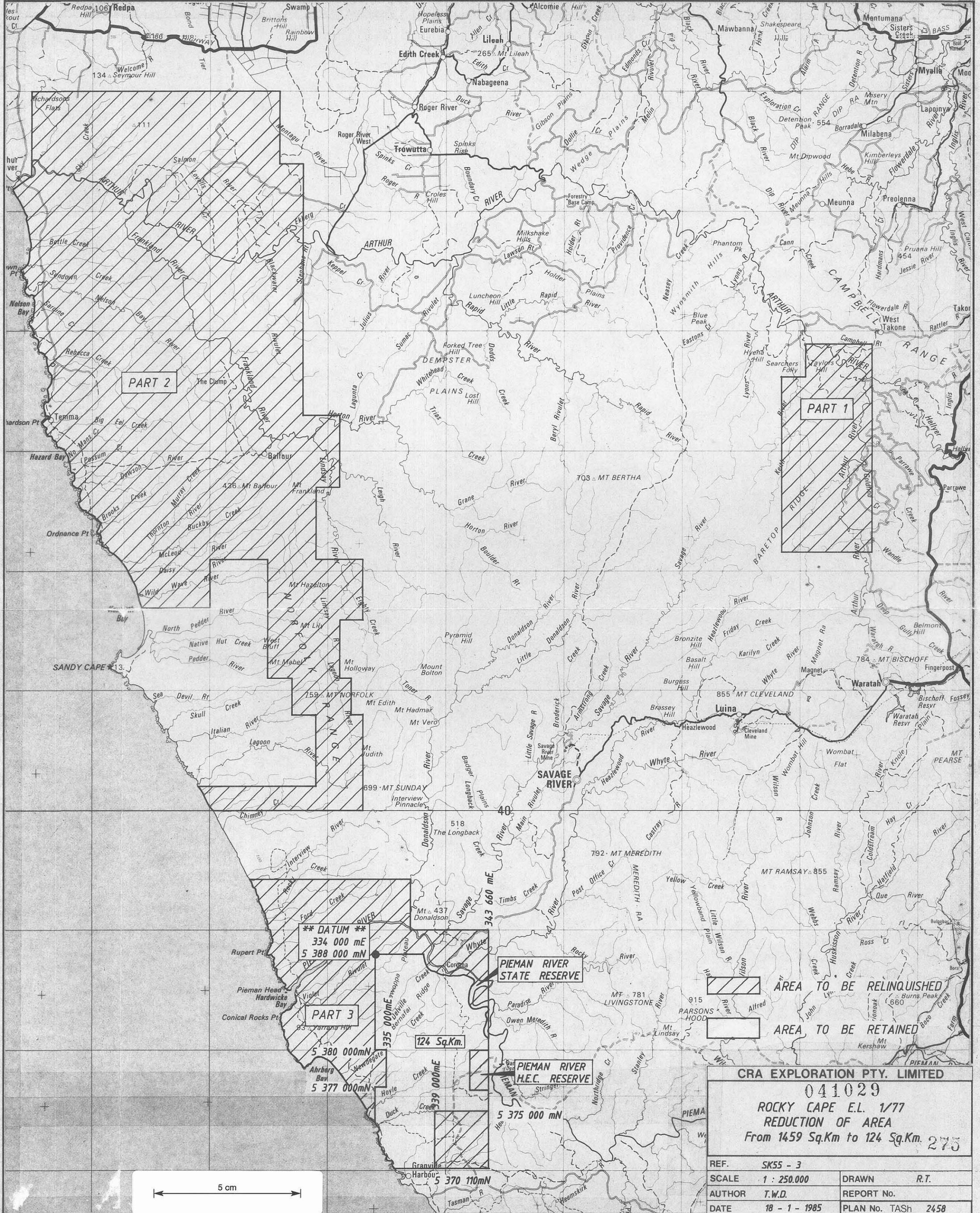
025

041028

of the major magnetic anomaly but the main magnetic peak and the rest of the roughly circular magnetic feature remains untested including a number of less prominent conductors which have yet to be covered by soil geochemistry.



T. von Strokirch



PART 2

PART 1

**** DATUM ****
 334 000 mE
 5 388 000 mN

PART 3

124 Sq.Km.

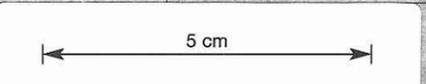
PIEMAN RIVER STATE RESERVE

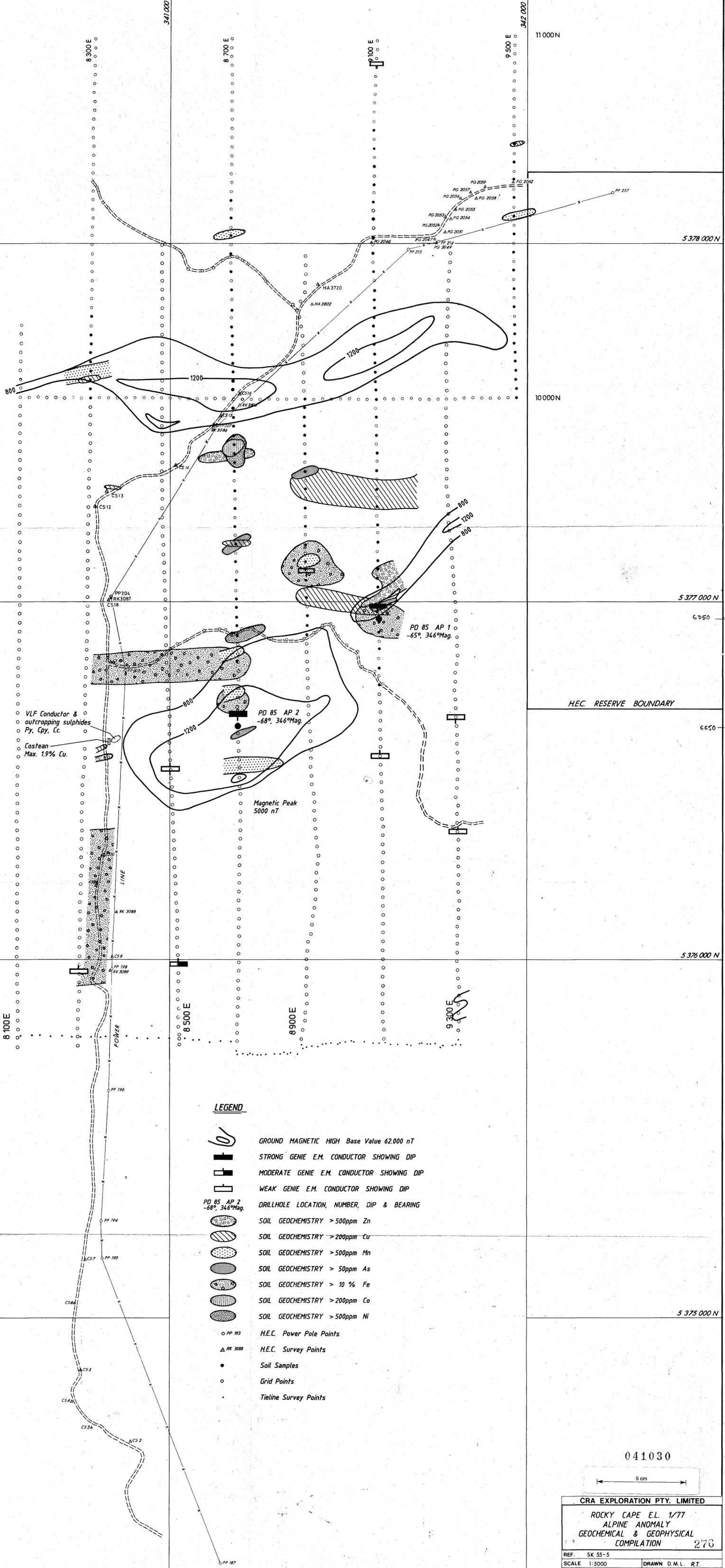
PIEMAN RIVER H.E.C. RESERVE

AREA TO BE RELINQUISHED
 AREA TO BE RETAINED

CRA EXPLORATION PTY. LIMITED
 041029
 ROCKY CAPE E.L. 1/77
 REDUCTION OF AREA
 From 1459 Sq.Km to 124 Sq.Km. 275

REF.	SK55 - 3	DRAWN	R.T.
SCALE	1 : 250 000	REPORT No.	
AUTHOR	T.W.D.	PLAN No.	TASH 2458
DATE	18 - 1 - 1985		

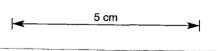




LEGEND

- GROUND MAGNETIC HIGH Base Value 62,000 nT
- STRONG GENIE E.M. CONDUCTOR SHOWING DIP
- MODERATE GENIE E.M. CONDUCTOR SHOWING DIP
- WEAK GENIE E.M. CONDUCTOR SHOWING DIP
- DRILLHOLE LOCATION, NUMBER, DIP & BEARING
- SOIL GEOCHEMISTRY > 500ppm Zn
- SOIL GEOCHEMISTRY > 200ppm Cu
- SOIL GEOCHEMISTRY > 500ppm Mn
- SOIL GEOCHEMISTRY > 50ppm As
- SOIL GEOCHEMISTRY > 10% Fe
- SOIL GEOCHEMISTRY > 200ppm Co
- SOIL GEOCHEMISTRY > 500ppm Ni
- H.E.C. Power Pole Points
- H.E.C. Survey Points
- Soil Samples
- Grid Points
- Tieline Survey Points

041030



CRA EXPLORATION PTY. LIMITED	
ROCKY CAPE E.L. 1/77	
ALPINE ANOMALY	
GEOCHEMICAL & GEOPHYSICAL	
COMPILATION 270	
REF. SK 55-5	
SCALE 1:5000	DRAWN D.M.L. R.T.
AUTHOR J.W.	REPORT No. 13135
DATE 26-3-1985	PLAN No. TASH 2544

86-2538

E.L. 1/77

RUBY

WHITE

RED

ARTHUR

ELECTRIC BLUE

ROSE BLUE

WALLABY

ALERT CREEK (TIN)

SALMON RIVER

ANOMALIES

GREEN

BLACKWATER RIVULET

SUNDOWN CHERT

FRANKLAND RIVULET

E.L. 1/77

ALPINE

041031

CRA EXPLORATION PTY. LIMITED

ROCKY CAPE E.L. 1/77 277
PROSPECT AND GRID LINE
LOCATION PLAN 86-2535

Ref:	SK55 - 3 5	Drawn:	R.T.
Scale:	1 : 100 000	Author:	J.W.
Date:	25 - 2 - 1985	Report No.:	13135
		Plan No.:	TASH 2533

5 cm

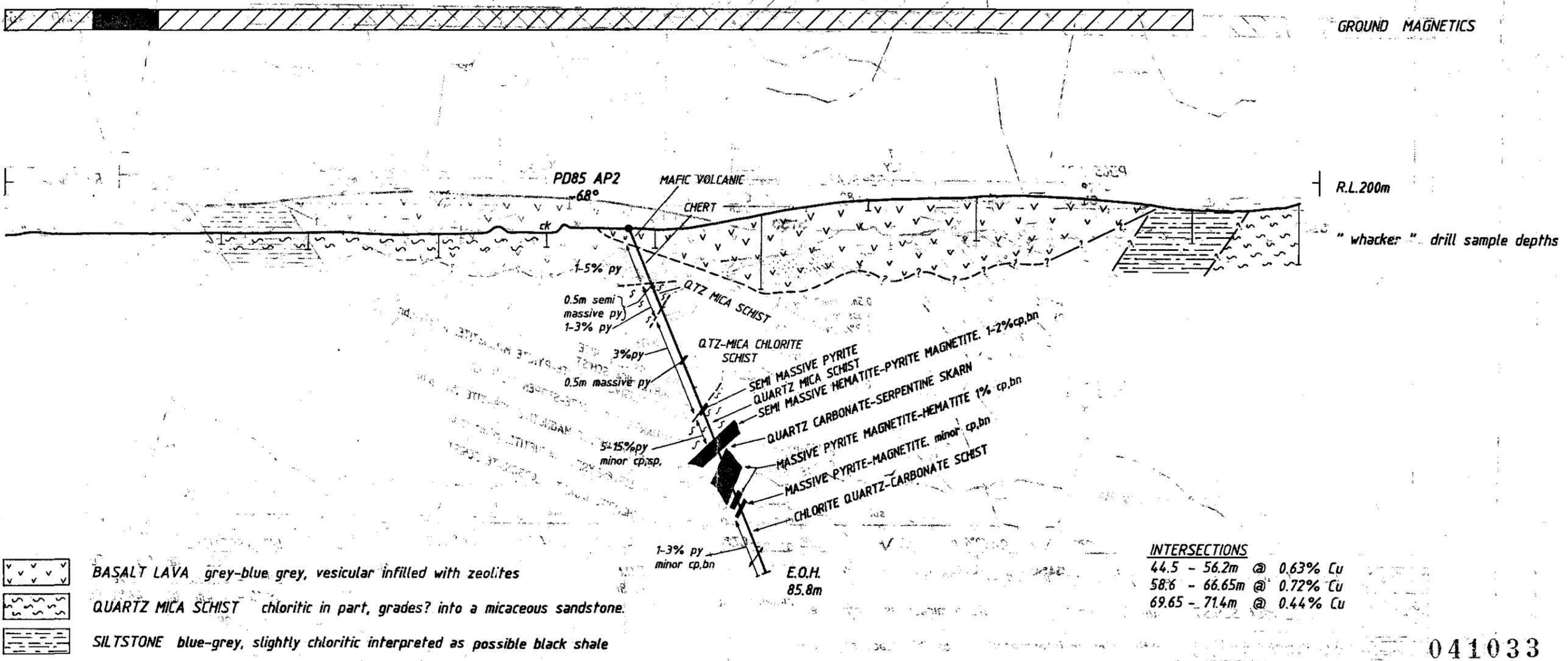
32

330

340

8950N	9000N	9050N	9100N	9150N	9200N	9250N	
	8	18	22	55	14	16	9 ppm As
	80	55	300	350	40	185	80 ppm Cu
	60	80	15	10	30	80	105 ppm Zn

SOIL GEOCHEMISTRY



GROUND MAGNETICS

R.L. 200m

"whacker" drill sample depths

INTERSECTIONS

44.5 - 56.2m	@ 0.63% Cu
58.6 - 66.65m	@ 0.72% Cu
69.65 - 71.4m	@ 0.44% Cu

041033

CRA EXPLORATION PTY. LIMITED

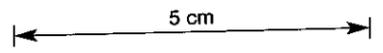
ROCKY CAPE E.L. 1/77
ALPINE ANOMALY LINE 8700E
PD85 AP2 DRILL SECTION
LOOKING WEST 270

REF. SK55 - 3	DRAWN R.T.
SCALE 1:1000	REPORT NO.
AUTHOR J.W. & G.P.	PLAN No. TASH 2549
DATE 14 - 3 - 1985	

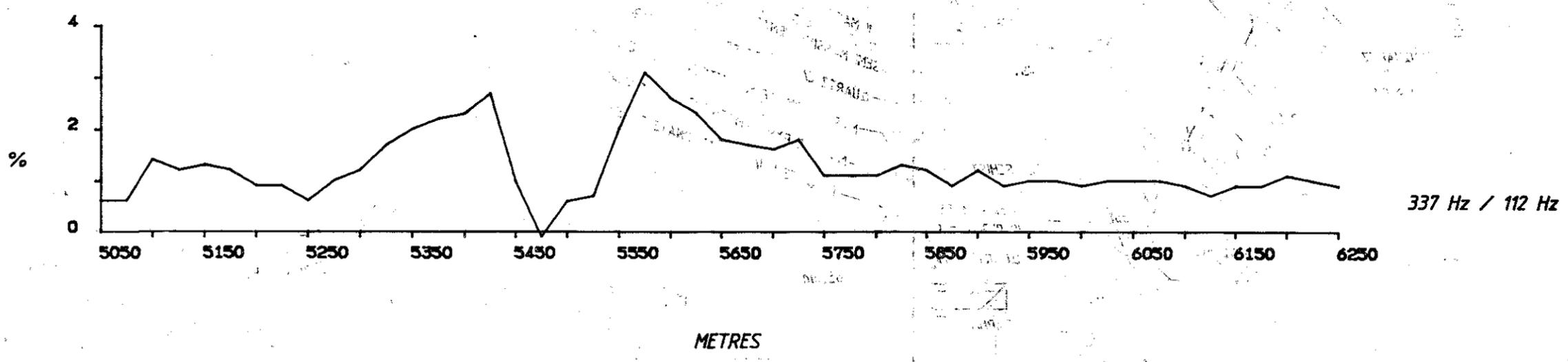
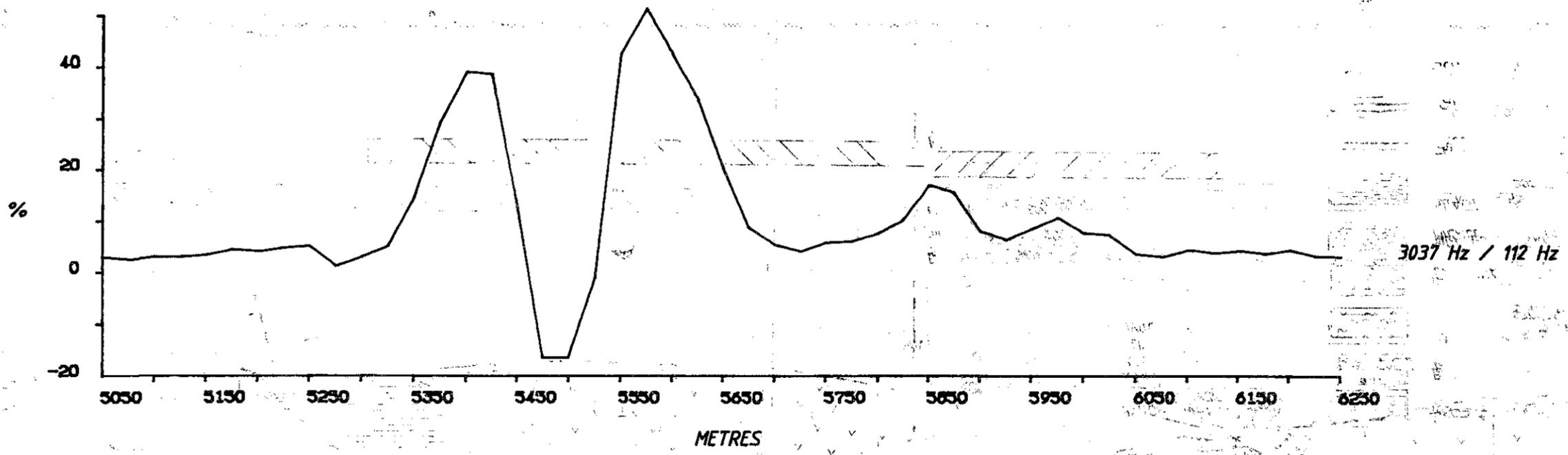
SCHISTOSITY

E.M. Conductor at 9125N Dip 55° to south. Depth to top 15m. Approximately Approx 10m thick. Hole designed to intersect at 40m vertical depth.

PD85 AP2 DRILL SECTION LOOKING WEST
COLLAR CO-ORDINATES 8700E 9094N.
DIP -68°, BEARING 346° MAGNETIC.



EM PROFILE OVER THE 'RED' PROSPECT

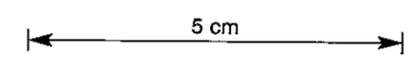


041034

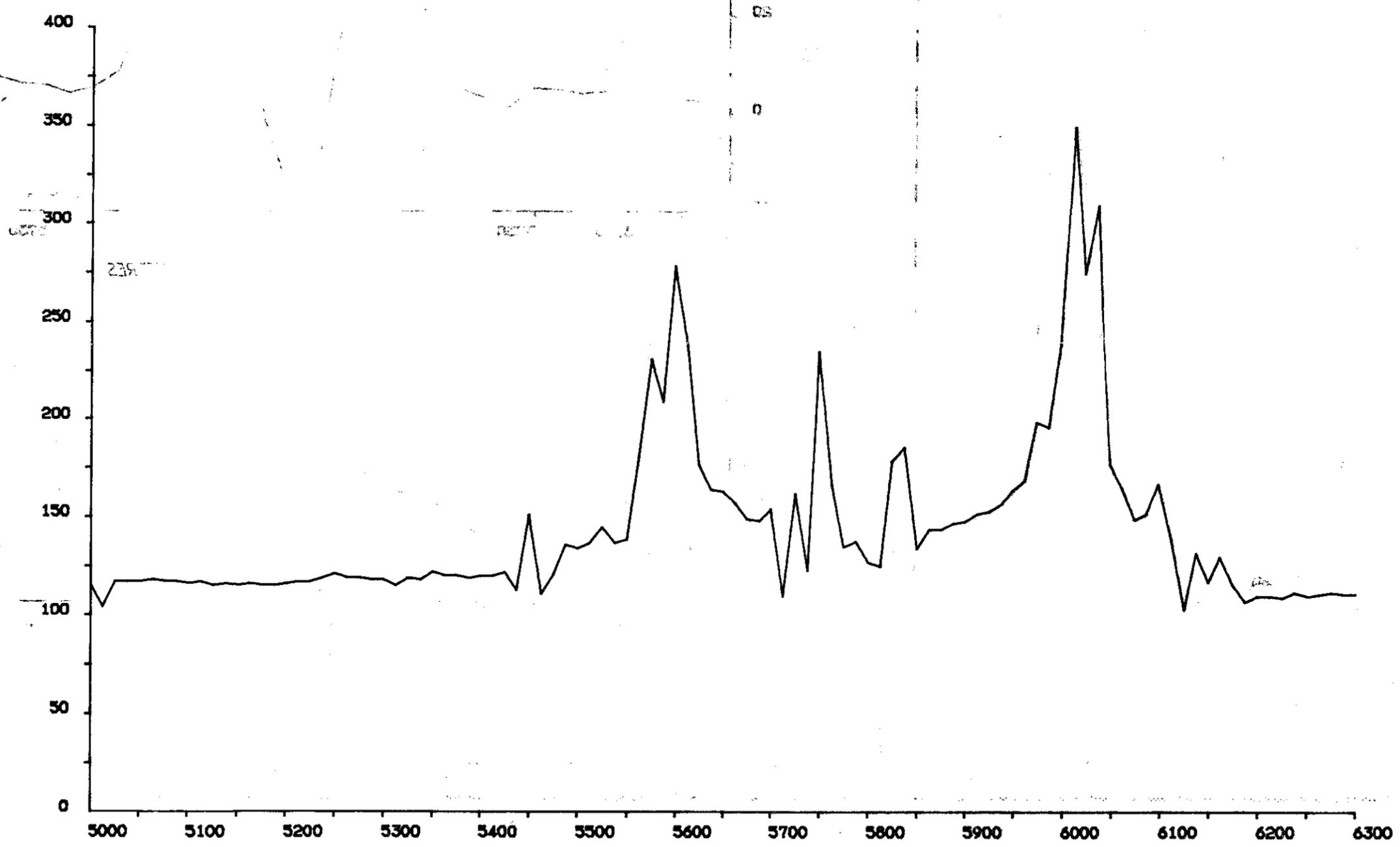
CRA EXPLORATION PTY. LIMITED

ROCKY CAPE E.L. 1/77
RED ANOMALY
GENIE PROFILES

REF.	SK55 - 3		
SCALE	1 : 5000	DRAWN	T.v.S.
AUTHOR	T.v.S.	REPORT No.	13114
DATE	23 - 11 - 1984	PLAN No.	TASH 2290



RED ANOMALY GROUND MAGNETICS



041035

CRA EXPLORATION PTY. LIMITED	
ROCKY CAPE EL1/77 RED ANOMALY GROUND MAGNETICS	
REF.	SK55-3
SCALE	1:5000
AUTHOR	T.v.S.
DATE	21-12-1984
DRAWN	T.v.S.
REPORT No.	1314
PLAN No.	TASh 2420

5 cm

5 cm

86-2537

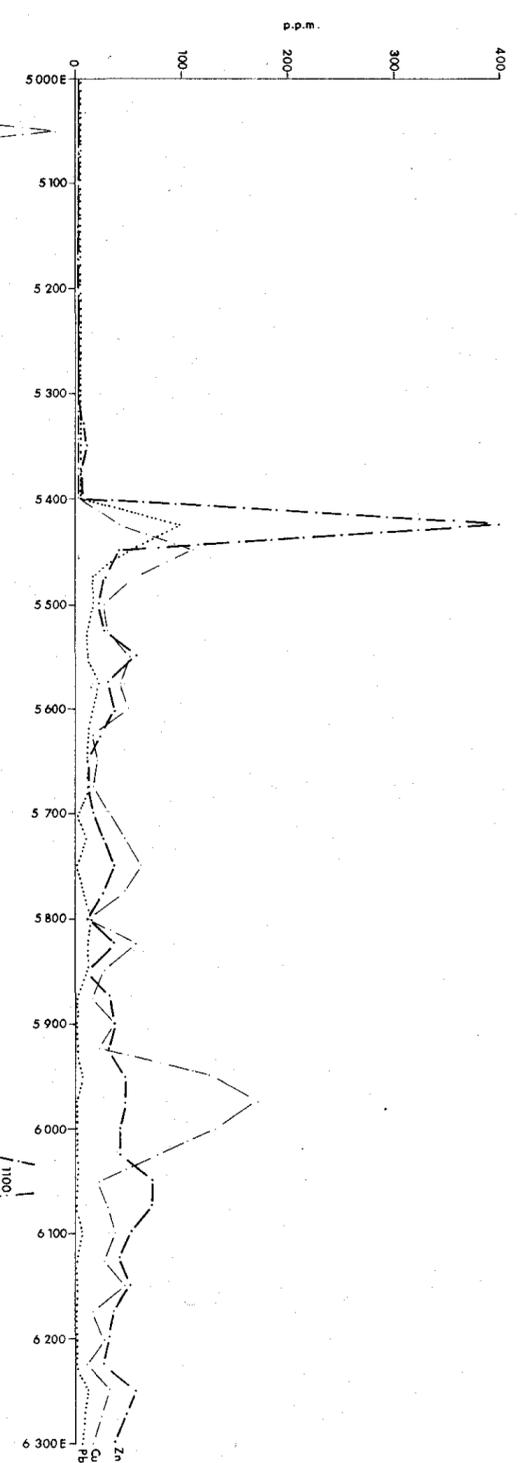
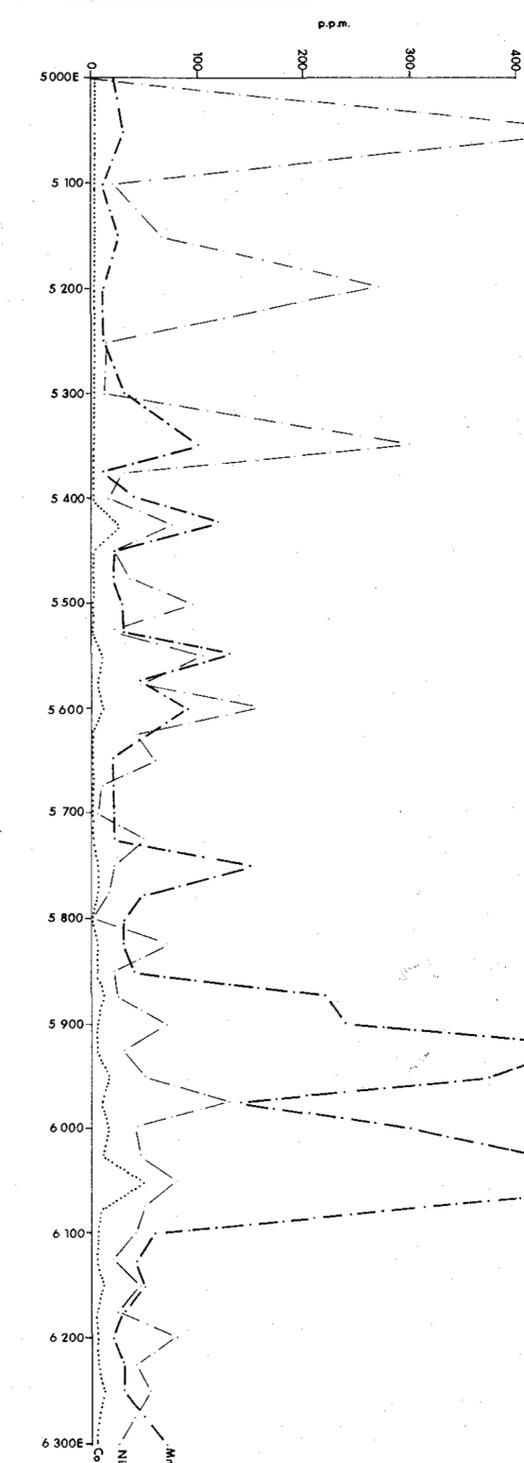
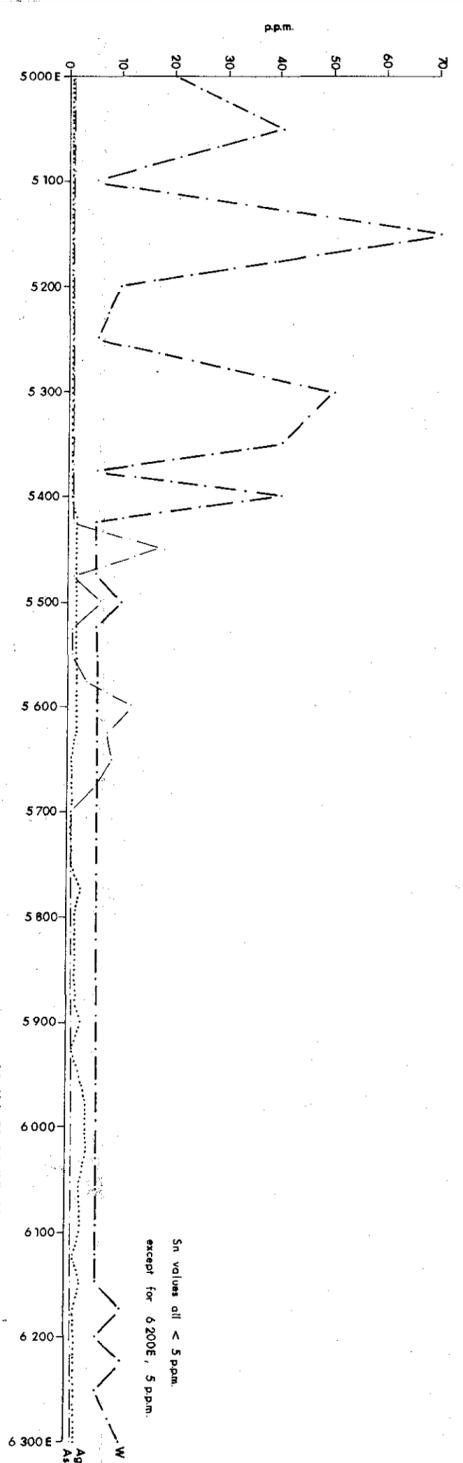
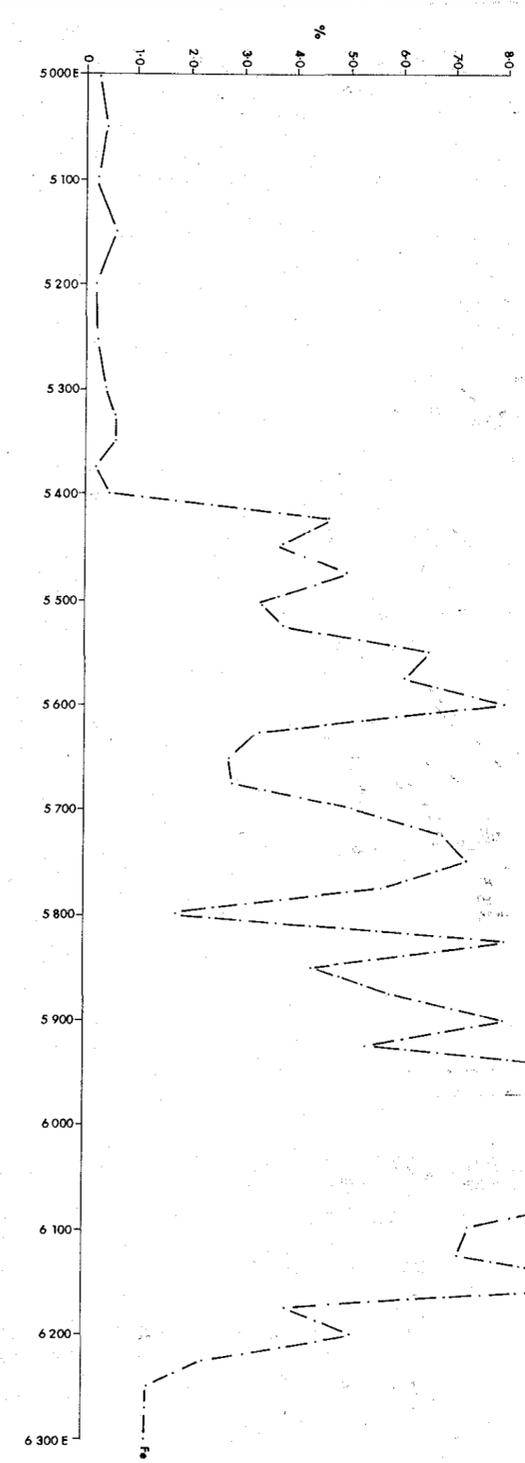
REF: SK55-3
 SCALE: 1:5000
 AUTHOR: J.W.
 DATE: 20-12-1984

DRAWN: D.L.
 REPORT NO.: 1374
 PLAN NO.: TASH 2404

041036

CRA EXPLORATION PTY. LIMITED

ROCKY CAPE EL1/77
 RED ANOMALY
 GEOCHEM. PROFILES 282



- 1141 508 lt. grey sandy soil
- 509 lt. grey sandy soil
- 510 lt. grey-brown sandy soil
- 511 lt. grey-brown sandy soil
- 512 lt. grey-brown sandy soil
- 513 lt. grey-brown sandy soil
- 514 lt. grey-brown sandy soil
- 515 lt. grey-brown sandy soil
- 516 lt. grey-brown sandy soil
- 517 lt. grey-brown sandy soil
- 518 dk. grey sandy soil
- 519 dk. brown-black soil org.
- 1141 520 yellow-brown clay
- 521 yellow-buff clay
- 522 yellow-brown clay
- 523 lt. orange-brown clay
- 524 orange-red-brown clay
- 525 red-brown clay
- 526 yellow-brown clay
- 527 lt. buff-yellow clay
- 528 lt. yellow-buff clay
- 529 yellow buff clay
- 1141 530 lt. orange-buff clay
- 531 red-buff clay
- 532 lt. yellow-orange clay
- 533 lt. buff-grey clay
- 534 lt. yellow buff clay
- 535 orange-buff clay
- 536 orange-buff clay
- 537 orange-buff clay
- 538 orange-buff clay
- 539 orange-buff clay
- 1141 540 orange-red clay
- 541 red-brown clay
- 542 red-brown clay
- 543 red-purple clay
- 544 dk. orange-buff clay
- 545 med. orange buff clay
- 546 lt. orange-buff clay
- 547 lt. orange buff clay
- 548 lt. orange-buff clay
- 549 lt. buff-brown clay
- 1141 550 lt. buff-brown clay
- 551 v. pale buff-grey clay
- 552 v. pale buff-grey clay

