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PROJECT 7611

CSR LIMITED

MINERALS EXPLORATION AND DEVELOPMENT GROUP

RENEWAL REPORT, 1987

EXPLORATION LICENCE NO. 25/85

PARSONS HOOD, TASMANIA

VOLUME I

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CONTENTS

	<u>PAGE NO.</u>
1. INTRODUCTION	1
2. SUMMARY	3
3. LOCATION AND GENERAL	4
4. PREVIOUS EXPLORATION	6
5. GEOLOGY	8
5.1 Regional	8
5.2 Structural	9
6. CURRENT EXPLORATION	10
6.1 Techniques	10
6.2 Results	11
6.3 Quality Control	13
6.4 Proposed Exploration	14
7. REFERENCE	15

APPENDICES

- I GROUND MAGNETIC READINGS, SALMON GRID
- II SOIL GEOCHEMISTRY OF SAMPLES FROM THE SALMON GRID

003

LIST OF ILLUSTRATIONS

<u>FIGURES</u>		<u>FACING PAGE NO.</u>
1	LOCATION MAP, EL 25/85, PARSONS HOOD	1
2	GEOLOGY SUMMARY, EL 25/85, PARSONS HOOD AREA	8
<u>TABLE</u>		<u>FACING PAGE NO.</u>
1	SAMPLE ANALYSIS QUALITY CONTROL	13
<u>PLANS (in pocket)</u>		<u>SCALE</u>
<u>DRG NO.</u>		
7611-1	EL 25/85, PARSONS HOOD AREA, INTERPRETATIVE GEOLOGY, NORTH SHEET	1:10,000
7611-2	EL 25/85, PARSONS HOOD AREA, INTERPRETATIVE GEOLOGY, SOUTH SHEET	1:10,000
7611-4	EL 25/85, PARSONS HOOD AREA, INTERPRETATIVE GEOLOGY	1:10,000
7611-5	EL 25/85, PARSONS HOOD, TURAIR MAGNETIC AND EM ANOMALIES	1:10,000
7611-6	EL 25/85, PARSONS HOOD, SOIL GEOCHEMISTRY	1:10,000
7611-11	EL 25/85, PARSONS HOOD, GROUND MAGNETICS, SALMON GRID	1:5,000
7611-12	EL 25/85, PARSONS HOOD, SALMON GRID, Cu SOIL ASSAYS	1:5,000

LIST OF ILLUSTRATIONS (continued)

<u>PLANS (in pocket)</u>		<u>SCALE</u>
<u>DRG NO.</u>		
7611-13	EL 25/85, PARSONS HOOD, SALMON GRID, Pb SOIL ASSAYS	1:5,000
7611-14	EL 25/85, PARSONS HOOD, SALMON GRID, As SOIL ASSAYS	1:5,000
7611-15	EL 25/85, PARSONS HOOD, SALMON GRID, Sn SOIL ASSAYS	1:5,000
7611-16	EL 25/85, PARSONS HOOD, SALMON GRID, Ba SOIL ASSAYS	1:5,000
7611-17	EL 25/85, PARSONS HOOD, SALMON GRID, Zn SOIL ASSAYS	1:5,000

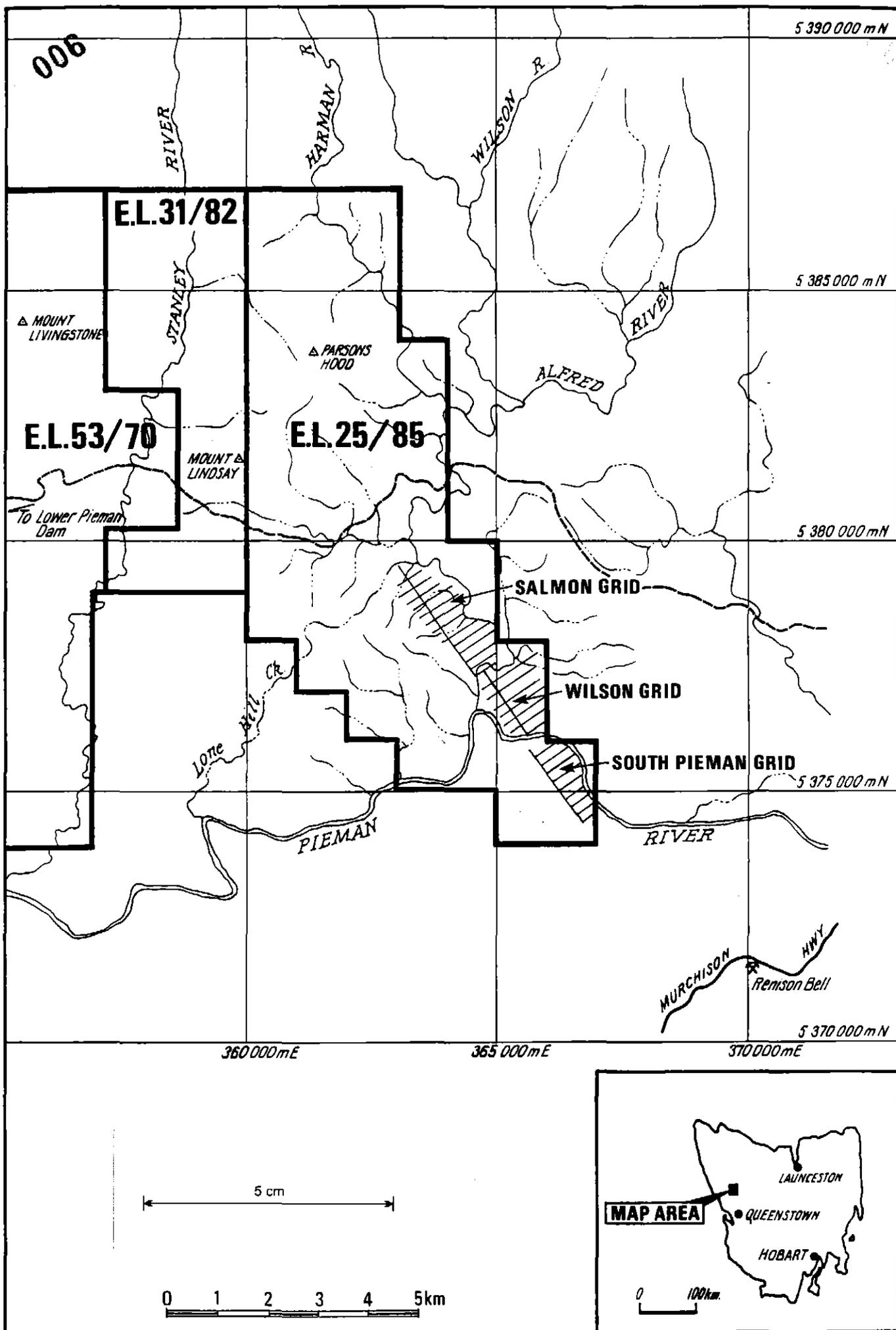


FIG.1 LOCATION MAP, E.L. 25/85 PARSONS HOOD, TASMANIA

KEYWORDS

TASMANIA

TIN

EL 25/85

LEAD

MAGNETICS

DRAINAGE GEOCHEMISTRY

SK 55-03

SUCCESS CREEK GROUP

EXPLORATION

MINERALISATION

COPPER

ZINC

PARSONS HOOD

BEDROCK GEOCHEMISTRY

CRIMSON CREEK FORMATION

1. INTRODUCTION

The Parsons Hood area was exempted from the Mining Act when relinquished by Renison/Goldfields/Aberfoyle in March, 1985. It was then offered for tender as Tenement Application No. 8451. On May 7, 1985, CSR Limited submitted a tender for the total exempt area of 60 km². On June 7, CSR was informed that the tender had been partially successful and was offered 41 km², which area was of more particular interest to CSR. The area reduction resulted in an expenditure commitment reduction from \$110,000 to \$70,000 over the first two years of tenure.

The reduced area of Exploration Licence 25/85 (EL 25/85) was pegged on July 26, 1985 and an application for the granting of this Licence was made to the Tasmanian Department of Mines on July 30, 1985. The Licence was granted to CSR on November 8, 1985 for a 12 month period.

In November 1986, the Licence was renewed for a further 12 month period.

In late September 1987, the Licence was enlarged to 46.5 km² when the Department of Mines changed the boundaries to align with the AMG kilometre grid lines.

This 46.5 km² Licence is situated immediately east-southeast of CSR's former EL 31/82 (Mt. Lindsay), and approximately 4 km northwest of Renison on the West Coast of Tasmania (Figure 1). The area extends south from the headwaters of the Harman River to Success Creek and east from the flanks of Mt. Lindsay to the flanks of Serpentine Ridge and includes the notable landmark of Parsons Hood.

The area was pegged because it has potential for Renison-style carbonate emplacement and/or skarn tin mineralisation in a continuation of the dolomitic Success Creek Group sediments known within CSR's adjacent EL 31/82 and at the nearby Renison Mine. This sequence has been intruded by the tin-bearing Devonian Meredith Granite. Renison/Aberfoyle (when they held the area as EL 2/63) located significant geophysical and geochemical responses in parts of the area. Tin and tungsten were mined from the Mt. Lindsay workings while tin was worked from the nearby Stanley Reward and Livingstone Creek areas.

Since the discovery of tin at Renison in 1890 by R. Nicholson, at Stanley Reward in 1895 by A. Montgomery and at Mt. Lindsay in 1901 by D. Jones, the area has been prospected and explored. This activity has been more intense since the mid-1950's.

This report summarises the investigations completed by CSR in the second 12 month term of the Licence ending on November 8, 1987. This date is also the end of the work period covered by the initial tender submission.

2. SUMMARY

Exploration continued throughout 1987. This consisted of the cutting of two grids (Salmon and Wilson) and the traversing of these grids with soil geochemistry and ground magnetics.

Several anomalous magnetic and/or soil geochemical (Cu, Sn, Pb) anomalies were defined and will require further evaluation. An eastern anomalous zone appeared to be related to a stratigraphic unit with a strong magnetic and Cu signature.

Detailed geological mapping and VLF-EM traversing will be undertaken to evaluate the anomalies on all three of the grids.

3. LOCATION AND GENERAL

EL 25/85 is centred 18 km north of Zeehan and 10 km northwest of Renison on the West Coast of Tasmania. It is adjacent to the eastern boundary of CSR's former Mt. Lindsay Licence (EL 31/82), and is about 4 km from east to west and 12 km from north to south (Figure 1).

Until recently the only ground access was from Renison Bell by vehicle track to the Pieman River cable car crossing downstream of the Wilson River mouth and then by foot track through the Licence to the Mt. Lindsay area. In 1975, Renison upgraded to 4 W-D standard the track from the Pieman River to the Mt. Lindsay area. This route was replaced by the HEC Lower Pieman dam-site sealed access road from Tullah in the 1978-80 period. The Licence is 28 km by this road from the Murchison Highway, and the road runs east-west through the centre of the Licence. Portions of the track from Renison Bell to the Lower Pieman Road have been upgraded for Forestry operations.

The southwestern boundary of the Licence is underlain by the mudstones, siltstones and lithic sandstones of the Precambrian Oonah Formation. Oonah rocks generally support easily traversed low button grass scrub with ti-tree/sword grass/bauera scrub in the deep gullies. Most of the rest of the Licence is underlain by Eo-Cambrian Success Creek Group sediments and Crimson Creek Formation. These rocks and the Devonian granite (in the northwest corner of the Licence) are covered by thick, almost impenetrable, horizontal scrub and rainforest. The Cambrian serpentinites in the northeast corner of the Licence are covered by low button grass scrub and burnt-out young eucalypt re-growth.

EL 25/85 is drained by the Harman/Wilson River system which flows into the Pieman River. The rivers and streams are deeply incised resulting in a steep, hilly topography ranging in elevation from 150 to 900 m above sea level.

During the 1986/87 period, the HEC closed the flow of water down the Pieman River with the Lower Pieman Dam. The resultant back-up of water formed Lake Pieman and flooded the Pieman and Wilson Rivers in the EL 25/85 area.

4. PREVIOUS EXPLORATION

After tin was discovered at the Stanley Reward in 1895, many prospectors explored the Stanley River area. Tin was discovered at Mt. Lindsay in 1901. T. MacDonald started working the Mt. Lindsay deposit in 1909 and, during the 1916-21 period, won 2156 "bags" of tin concentrate containing 68-71% Sn from alluvial/eluvial deposits. The Leases expired in 1921 when the mining company disbanded. Tribute mining continued until 1932.

In the 1956-63 period, Rio Tinto explored northwest Tasmania (SPL 302 and EL 4/59), completing airborne EM and magnetic surveys on most of the prospective zone. Minor mapping around the Mt. Lindsay/Stanley Reward mineralisation gave generally discouraging results and EL 4/59 was allowed to expire.

The Aberfoyle Group acquired two Mining Leases over the Mt. Lindsay workings in 1961-62. These were later included in Aberfoyle's EL 2/63 which covered the area from Stanley Reward to the Huskisson River. Between 1962 and 1967, most of Aberfoyle's work in EL 2/63 was confined to the Mt. Lindsay workings. This included limited mapping and 23 drill holes. In the 1967-69 period, two prospects (Mt. Lindsay Anomaly 2 and Camp 30) were investigated using aeromagnetism and drilling. General investigations were undertaken in 1970 (Mt. Lindsay-Stanley River area) and 1971-72 (ground geology, geochemistry, magnetism and SP of the Oonah/Crimson Creek contact by Paringa), resulting in the western area being relinquished (latter re-pegged as EL 18/73 by Renison) and the rest being joint ventured (to Renison/CGFA).

The Paringa study of the Oonah/Crimson Creek contact led to the location of 5 geochemically anomalous zones trending northwesterly and parallel to the stratigraphy. These anomalies (DRG No. 7611-6) are near the Oonah/Success Creek

013

contact (3 anomalies) or near the base of the Crimson Creek Formation (2 anomalies).

Initial work by Renison included an airborne magnetic and Turair EM survey (DRG No. 7611-5), and establishment of vehicular access via the Pieman Road. In the period 1973-75, EM anomalies at Misty Valley and at Mt. Lindsay were gridded and traversed with ground magnetics, IP and soil geochemistry. In 1975-82, most work was concentrated on the Mt. Lindsay workings, and from this work Renison concluded that this area was too close to the Meredith Granite to contain economic cassiterite mineralisation. In the 1979-85 period, Renison gridded the Harman River and Merton Hill areas in the search for greisen tin, and for tin mineralisation along the faulted contact of Ordovician/Devonian sediments with the ultramafics.

Renison relinquished all but the Merton Hill area of EL 2/63 in March, 1985 when EL 25/85 was obtained by CSR. The remainder of EL 2/63 was relinquished in September, 1985.

5. GEOLOGY

5.1 Regional

The oldest rocks in the Licence area (Figure 2) are the relatively unmetamorphosed Precambrian sequence known as the Oonah Formation. These interbedded, fine-grained, lithic and siliceous sandstones with laminated phyllitic mudstones, siltstones and coarse lithic sandstones underlie part of the southwestern boundary of the Licence.

Overlying the Oonah sediments with an unconformable and/or faulted contact are the Success Creek Group sediments. These vary from quartz sandstone with minor siltstone, pebbly sandstone and conglomerate (Dalcoath Formation) in the southwestern corner of the Licence, to red chert/mudstone and laminated siliceous siltstone with minor quartz sandstone, conglomerate and carbonate horizons (Renison Bell Formation).

Volcaniclastic lithic wacke with interbedded siltstone, mudstone, tuff, and minor cherts and carbonates of the Crimson Creek Formation disconformably overlie the Renison Bell Formation. The cherts and carbonates occur to about 2000 m stratigraphically above the base of the Crimson Creek Formation at which point they have been correlated with the Cleveland Mine sequence. At Mt. Lindsay, these upper carbonates host tin/tungsten mineralisation.

The Crimson Creek sequence has been truncated to the northeast by the emplacement of pre-Middle Cambrian serpentinised ultramafics. These rocks only occur in the northeast corner of EL 25/85. To the northwest, the Crimson Creek and Success Creek sequences have been intruded by the Devonian-Lower Carboniferous Meredith Granite. Fluids associated with this multiphase adamellite intrusion are believed to be responsible for mineralisation at Mt. Bischoff, Cleveland, Mt. Lindsay, Mt. Razorback, Stanley Reward, Livingstone Creek, Renison Bell and Queen Hill.

Minor recent glacial and fluvioglacial sediments cap the older rocks. These occur as ridge caps or valley floor alluvial deposits and contain anomalous tin and gold concentrations.

Detailed geology is shown on DRG Nos. 7611-1, 7611-2 and 7611-4.

5.2 Structural

The Oonah Formation sediments form a series of anticlinoria to the west of EL 25/85 with the Success Creek Group sediments being preserved in the intervening synclinoria (pers. comm. A.V. Brown).

Locally, the Oonah Formation shows strong soft sediment (slump) deformation, particularly in the finer-grained units. Sections along the EL 53/70 drill access roads showed good exposure of this soft sediment deformation.

This type of deformation is contrary to that proposed by Brown (1980) who suggests the Oonah sediments exhibit re-folded isoclinal folds which have then been re-folded by the large-scale regional deformation producing the anticlinorial structures. A further deformation phase during the Devonian produced open folds in the Success Creek Group sediments. This was followed by regional block faulting and granite emplacement.

The dominant regional structure within EL 25/85 is the Huskisson Syncline which is reflected by the steeply dipping Oonah, Success Creek and Crimson Creek successions. It has been suggested that the Success Creek sediments are east-facing within the Licence area (Brown, 1980).

017

6. CURRENT EXPLORATION

6.1 Techniques

EL 25/85 was acquired to cover the continuation of the Success Creek/Crimson Creek dolomitic sequence extending southeast from the Stanley Reward area (CSR's former EL 53/70) through the Mt. Lindsay area (CSR's former EL 31/82). A review of previous exploration data showed that although the Mt. Lindsay and Misty Valley grids (Renison) covered part of this sequence, there was a significant area of the sequence basically unexplored (the area between the grids and to the south of the Misty Valley grid).

During the 1985/86 period, areas underlain by Success Creek/basal Crimson Creek sediments were drainage sampled and geologically mapped, with one of the areas of anomalous drainage geochemistry (and a co-incident aeromagnetic high) being gridded. This anomalous area (South Pieman grid) was traversed with magnetics, Wacker bedrock sampling and geological mapping.

During the 1986/87 period, grids were cut in:

- an area to the north of the Pieman River and to the south and east of the Wilson River which showed anomalous Zn and some Pb and Sn in drainage samples and was co-incident with two magnetic anomalies (Wilson Grid).

- an area 1-2 km north of the Wilson Grid and to the west of the Wilson River which showed anomalous Cu, Zn, Sn and some Pb co-incident with an aeromagnetic anomaly and extending north to south of Salmon Creek in an area of anomalous Zn and Sn with a co-incident aeromagnetic anomaly (Salmon Grid).

018

The Salmon Grid consisted of a 2.4 km baseline (cut at 332° AMG) with 13 crosslines cut at 200 m spacings. These lines have been traversed with 25 m spaced ground magnetics and auger soil samples. Geological mapping and VLF-EM remain to be completed in order to define anomalous areas for more detailed ground geophysics and possible drilling.

The Wilson Grid consisted of a 1.3 km baseline (cut at 332° AMG) with 7 crosslines cut at 200 m spacings. Ground magnetics, auger soil samples, geological mapping and VLF-EM are being completed.

6.2 Results

(a) Ground Magnetics

The most noticeable consistent feature of the ground magnetic traverses (Appendix I) was the +62300 high (DRG No. 7611-11) which occurred on all lines from 4000 to 6000N. This feature probably relates to the geology, as correlating between lines shows a trend parallel to all known geology. A minor offset is suggested between lines 4800N and 5000N with the northern block being offset to the east. Similar offsetting block faulting has been observed further northwest along strike in CSR's former EL 31/82 (DRG No. 7611-4). It is possible this strong magnetic "high" continues southeast on Lines 3600 and 3800N between 800 and 900E. However, if this feature correlates with the feature on the northern lines, then it has been offset by 400 m between 4000N and 3800N.

As well as the strong geological correlation, the ground magnetics also show several areas of anomalous high values. Of particular interest are the anomalies on Lines 4600N (700-800E), 4800N

(600-700E) and 5200N (400E). Another possibly interesting anomaly occurs on Lines 5800N (400E), 6000N (200E and 5000N (100-200 E).

(b) Soil Geochemistry

Soil samples taken at 25 m intervals along all the cut lines of the Salmon Grid were analysed for Cu, Pb, Zn, Ag, Ni, Bi, As, Sn, W, Ba and Sb. The results of analyses (Appendix II) showed the eastern magnetically high unit correlated well with anomalous Cu values (DRG No. 7611-12). Other anomalous Cu values occurred with the more isolated magnetic anomalies on most lines. A significant anomaly on Lines 4600N through to 5400N (600-700E) correlated in part with a magnetic high. However, the continuity of the Cu anomaly, while the magnetic anomaly appeared discontinuous, shows this anomaly to be of more interest. The peak Cu value was 295 ppm on Line 4600N.

Apart from one value of 6500 ppm, all the lead values were less than 355 ppm. Generally, the Pb values were low with a possible slight rise in the area of the eastern magnetic unit (DRG No. 7611-13). Of more significance is the sharp rise in Pb values on Lines 5000N to 5600N at about 300E. These are, in part, co-incident with some anomalous Cu values.

Arsenic values were generally low (<5 ppm) but about half the samples contained 5 to 20 ppm As. Several samples contained 20 ppm (to a peak of 58 ppm) but these appeared to be fairly random in their distribution (DRG No. 7611-14).

TABLE 1 : SAMPLE ANALYSIS QUALITY CONTROL

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Standard	Sample	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W
GX9	A295553	x	5	15	x	x	x	3	x	x	26	x
	A295636	10	x	15	x	10	x	2	x	x	28	x
	A320812	5	10	5	x	5	10	x	x	x	32	12
	Quoted Past Results	4	3	4	x	3	x	5	17	x	21.4 17	12
GX10	A271920	x	x	5	1.5	5	x	x	x	x	47	x
	A295563	x	5	15	x	x	x	1	x	x	50	x
	A295680	10	x	5	x	10	x	1	x	x	54	x
	A320920	10	5	10	0.5	5	x	x	x	x	51	11
	Quoted Past Results	3	x	3	x	x	x	x	15	6	50	x
GX11	A271851	5	5	10	x	10	x	5	x	x	168	x
	A295580	5	15	20	0.5	5	x	5	x	x	161	x
	A320852	15	20	15	0.5	10	x	2	10	x	165	x
	A320900	15	x	10	0.5	10	x	3	x	x	191	x
	A320950	10	x	10	0.5	25	x	5	17	x	178	x
	A320979	10	10	15	x	10	x	4	x	x	174	x
	A321024	5	x	10	1.0	15	x	4	x	x	170	10
	A321100	10	x	10	x	15	x	4	x	x	185	x
Quoted Past Results	9	5	5	x	4	x	1	28	x	138 142	8	
GX12	A271928	x	x	5	x	10	x	x	x	x	79	x
	A321099	5	x	10	x	15	x	3	x	x	90	x
	Quoted Past Results	5	5	10	x	2	x	3	18	x	68 63	5
GX12A	A271946	10	30	45	x	10	x	13	x	x	350	14
	A321091	10	15	20	x	30	x	12	x	x	388	x
	Quoted Past Results	10	25	12	x	8	3	x	x	-	294 295	35
GX13	A295568	x	10	15	x	x	x	1	x	x	637	x
	A295757	10	x	10	x	5	x	1	x	x	605	x
	A320948	10	x	10	x	15	x	2	x	x	639	x
	Quoted Past Results	5	5	4	x	3	x	x	8	x	505 535	13
GX14	A295800	x	20	x	0.5	10	x	x	x	x	1220	x
	A320960	10	x	10	0.5	10	x	2	12	x	1260	x
	Quoted Past Results	6	2	1	x	x	x	4	15	4	995 985	27
GX26	A271912	760	3900	3700	680	45	40	340	1060	107	2150	17
	A320980	790	3900	3650	680	60	60	440	1040	98	2160	96
	Quoted	830	3900	3745				285				
Blanks	A295557	10	10	30	x	5	x	3	73	x	4	x
	A295623	10	x	15	x	25	x	2	70	3	4	x
	A295799	5	25	x	x	15	x	x	70	x	8	x
	A320842	10	10	30	x	20	x	x	58	x	x	x
	A320930	5	x	15	x	15	x	2	61	x	7	x
	A320949	10	x	15	x	20	x	2	x	x	6	x
	A320978	5	x	15	x	15	x	x	79	x	7	2
	A321098	5	x	10	x	15	x	1	64	x	x	x

Note : Blanks were unwashed sand

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Tin values were generally low (peaking at 34 ppm). The only apparently significant value was on Line 5200N at 400E where an assay of 25 ppm Sn (plus adjacent shoulder values) was co-incident with a magnetic peak (DRG No. 7611-15).

The Ba distribution tends to be erratic (DRG No. 7611-16). The only significant trend appears to be on Lines 3600N to 4200N at 800-900E where a series of Ba highs appear to coincide with a series of As highs. This trend of Ba highs includes a peak value of 1010 ppm.

Similarly, the Zn distribution tends to be erratic. No trends or correlations are evident (DRG No. 7611-17). The peak Zn value was 628 ppm.

Ag, Ni, Bi, Sb and W showed no significant variations with peak values of only 2, 260, 20, 11 and 112 ppm respectively.

6.3 Quality Control

The analyses of the soil samples (617 samples) included those for 34 quality control samples consisting of 26 standards and 8 blanks (Table 1).

Generally, there was reasonable agreement between the analysed value and the standard value. There does appear to be some problems with the accuracy of the Sn analyses in that the standard values and values obtained by Comlabs are consistently lower than results obtained by Analabs. However, the high Analabs results are not unacceptable. Results for base metals are consistent with previous analyses and standard values.

6.4 Proposed Exploration

Further work will be completed on the Salmon, Wilson and South Pieman Grids. This will consist of:

(a) Salmon Grid

Geological mapping and VLF-EM surveys will be completed over the entire grid with particular emphasis on the magnetically and geochemically anomalous areas so far outlined.

(b) Wilson Grid

Geological mapping, VLF-EM, ground magnetic and soil geochemical surveys will be completed.

(c) South Pieman Grid

VLF-EM surveys and geological mapping will be undertaken, with particular emphasis on the area of the geochemical anomalies on Lines 600N and 800N and the magnetic features on Lines 1400N and 1600N.

(d) General

A start will be made to more detailed target definition using electrical techniques on all grids.

7. REFERENCE

BROWN, A.V. (1980)

Some Aspects of the Geology of the Mt.
Lindsay-Dundas Areas, Western Tasmania
Tas. Department of Mines Rpt. No. 1980/42
(unpubl.)

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APPENDIX I
GROUND MAGNETIC READINGS,
SALMON GRID

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SALMON GRID
GEOMETRIC 816 - SN 565

	LINE	STATION	READING
SUB-BASE STATIONS) 3600N	600E	61900
	) 3800N	600E	61902
	) 4000N	600E	61939
	) 4200N	600E	61925
	) 4400N	600E	61882
	) 4600N	600E	61868
	) 4800N	600E	62351
	) 5000N	600E	61988
	) 5200N	600E	61908
	) 5400N	600E	61971
	) 5600N	600E	61997
	) 5800N	600E	61780
	) 6000N	600E	62193

LINE	STATION	READING
3600N	600E	61900
	625	61891
	650	61889
	675	61885
	700	61874
	725	61855
	750	61862
	775	61909
	800	61911
	825	61849
	850	62421
	875	61963
	900	62035
	925	62255
	950	61887
	975	61864
	1000	61883
1025	61946	
3800N	600E	61902
	625	61908
	650	61900
	675	61890
	700	61878
	725	61887
	750	61872
	775	61864
	800	61811
	825	62302
	850	62176
875	61902	
900	61858	

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- 2 -

LINE	STATION	READING
3800N	925E	61925
	950	61908
	975	61814
	1000	61595
	1025	62102
	1050	61852
	1075	61862
	1100	61835
	1125	61886
	1150	61897
	1175	61868
	1200	61880
	1225	61886
	1250	61966
1275	62036	
4000N	600E	61939
	625	61928
	650	61927
	675	61921
	700	61901
	725	61917
	750	61893
	775	61877
	800	61858
	825	61865
	850	61851
	875	61841
	900	61827
	925	61830
	950	61836
	975	61797
	1000	61812
	1025	61820
	1050	61848
1075	61828	
1100	61720	
1125	61737	
1150	62022	
1175	62606	
1200	62735	
1225	62213	
1250	62043	
1257	62066	
4200N	600E	61925
	625	61919
	650	61912
	675	61906
	700	61900
	725	61896
	750	61905
	775	61890

026

- 3 -

LINE	STATION	READING
4200N	800E	61889
	825	61885
	850	61847
	875	61860
	900	61848
	925	61857
	950	62036
	975	61881
	1000	61816
	1025	61827
	1050	61822
	1075	61877
	1100	62020
	1125	62116
	1150	62431
	1175	62535
1200	62493	
1225	62326	
4400N	385E	62779
	400	61989
	425	61972
	450	61966
	475	62069
	500	61939
	525	61926
	550	61909
	575	61891
	600	61882
	625	61948
	650	61980
	675	61927
	700	61924
	725	61896
	750	61890
	775	61902
	800	61888
	825	61904
	850	61895
	875	61875
	900	61851
	925	61847
	950	61853
975	61868	
1000	61907	
1025	61816	
1050	61815	
1075	61810	
1100	61840	
1125	61940	
1150	62123	
1175	62127	
1200	62230	

027

- 4 -

LINE	STATION	READING
4400N	1225E	62141
	1250	62086
	1270	62099
4600N	375E	61935
	400	61926
	425	61960
	450	61931
	475	61931
	500	61910
	525	61893
	550	61890
	575	61874
	600	61868
	625	61859
	650	61931
	675	61913
	700	61926
	725	62000
	750	61989
	775	62062
	800	61952
	825	61920
	850	61863
	875	61844
	900	61843
	925	61752
	950	61712
	975	61734
	1000	61901
1025	62036	
1050	62470	
1075	62444	
1100	62526	
1125	62065	
1150	62094	
1175	61958	
1200	61963	
1221.5	62086	
4800N	354.5E	61939
	375	61931
	400	61946
	425	61935
	450	61928
	475	61961
	500	61952
	525	61890
	550	61943
	575	61818
	600	62351
625	62041	
650	61920	

028

809029

- 5 -

LINE	STATION	READING
4800N	675E	62062
	700	62195
	725	62063
	750	61973
	775	61943
	800	61910
	825	61922
	850	61919
	875	61851
	900	61844
	925	61814
	950	61816
	975	62030
	1000	62311
	1025	62275
	1050	62283
	1075	62077
	1100	62137
	1125	62012
	1150	61979
1175	61992	
1200	61933	
1225	61827	
5000N	37E	62089
	50	62131
	75	62074
	100	62161
	125	62190
	150	62159
	175	62207
	200	62202
	225	62083
	250	61980
	275	61990
	300	62000
	325	62043
	350	62011
	375	62013
	400	62000
	425	61987
	450	62057
	475	62065
	500	61990
525	61971	
550	61923	
575	61897	
600	61988	
625	61988	
650	61925	
675	61939	
700	61924	
725	61917	

029

809030

LINE	STATION	READING
5000N	750E	61925
	775	61933
	800	61945
	825	61941
	850	61938
	875	61921
	900	61942
	925	61917
	950	61941
	975	61912
	1000	61919
	1025	62110
	1050	62031
	1075	61899
	1100	62225
	1125	61947
	1150	61858
	1175	62354
	1200	62267
	1225	62131
1250	62225	
1275	62134	
1300	62041	
1325	62125	
1350	61928	
1375	61929	
5200N	0	61933
	25E	61935
	50	61929
	75	61935
	100	61948
	125	61965
	150	61982
	175	62013
	200	62030
	225	62052
	250	62084
	275	62112
	300	62176
	325	62310
	350	62430
	375	62440
	400	62614
	425	62677
	450	62134
	475	61842
500	61794	
525	61818	
550	61864	
575	61896	
600	61908	
625	61905	

030

809031

- 7 -

LINE	STATION	READING
5200N	650E	61885
	675	61855
	700	61836
	725	61771
	750	61636
	775	61673
	800	62167
	825	61877
	850	61779
	875	61799
	900	61915
	925	62032
	950	62379
	975	62152
	1000	62127
	1025	62056
	1050	62205
	1075	61997
	1100	61905
	1125	61792
	1150	62305
	1175	62230
	1200	62177
	1225	62110
1250	62022	
1275	61985	
1300	62083	
1325	61994	
1350	61939	
5400N	0	62151
	25E	62083
	50	62029
	75	61988
	100	61945
	125	61922
	150	61925
	175	61932
	200	61948
	225	61962
	250	61974
	275	61984
	300	61990
	325	61995
	350	62001
	375	62004
	400	62011
	425	62028
	450	62033
	475	62042
500	62058	
525	62066	
550	62063	

LINE	STATION	READING
5400N	575E	62071
	600	61971
	625	62061
	650	62038
	675	62005
	700	61996
	725	61953
	750	61899
	775	61868
	800	61892
	825	62143
	850	62228
	875	62164
	900	62634
	925	62604
	950	62188
	975	62142
	1000	62236
	1025	62172
	1050	62067
	1075	62200
	1100	62222
	1125	62116
	1150	62086
1175	62008	
1200	62014	
1225	62105	
1250	61982	
1275	62075	
1300	62069	
1325	62165	
1350	62129	
1375	61964	
1400	61937	
1425	61916	
5600N	50W	62030
	25W	62077
	0	61994
	25E	61998
	50	62049
	75	62059
	100	62085
	125	62125
	150	62139
	175	62096
	200	62076
	225	61966
	250	61937
	275	62273
	300	62077
	325	61953
350	61915	

LINE	STATION	READING
5600N	375E	61916
	400	61942
	425	61950
	450	61908
	475	62027
	500	61970
	525	62041
	550	61983
	575	61987
	600	61997
	625	61953
	650	61910
	675	61864
	700	61800
	725	61740
	750	61848
	775	62327
	800	62406
	825	62311
	850	62327
	875	62245
	900	62123
	925	62163
	950	62222
	975	62166
	1000	62197
	1025	62097
	1050	62047
1075	62089	
1100	62013	
1125	62210	
1150	62227	
1175	62156	
1200	62016	
1225	61989	
1250	61934	
1275	61907	
1295	61887	
5800N	25W	62080
	0	62057
	25E	62040
	50	62008
	75	61998
	100	62025
	125	62039
	150	62021
	175	62025
	200	62003
	225	61960
	250	61940
	275	61959
300	62032	

LINE	STATION	READING
5800N	325E	62049
	350	62000
	375	62121
	400	62075
	425	61992
	450	61978
	475	61868
	500	61786
	525	61715
	550	61694
	575	61785
	600	61780
	625	61719
	650	61926
	675	62716
	700	62955
	725	62827
	750	62853
	775	62583
	800	62919
	812.5	63098
6000N	25W	62008
	0	61989
	25E	61869
	50	62009
	75	61976
	100	61980
	125	61976
	150	62058
	175	62124
	200	62054
	225	61944
	250	61825
	275	61811
	300	61775
	325	61787
	350	61814
	375	61818
	400	62391
	425	62253
	450	61952
475	62820	
500	62425	
525	62779	
550	62478	
575	62428	
600	62193	
625	62121	
650	62085	
675	62061	
	681.5	62068

034

809035

- 11 -
BASELINE

LINE	STATION	READING
600E	3500N	61900
	3525	61902
	3550	61898
	3575	61902
	3600	61900
	3625	61900
	3650	61899
	3675	61896
	3700	61891
	3725	61899
	3750	61902
	3775	61906
	3800	61902
	3825	61895
	3850	61909
	3875	61915
	3900	61921
	3925	61926
	3950	61927
	3975	61936
	4000	61939
	4025	61940
	4050	61943
	4075	61941
	4100	61938
	4125	61939
	4150	61935
	4175	61932
	4200	61925
	4225	61925
	4250	61914
	4275	61928
	4300	61918
	4325	61917
	4350	61908
	4375	61893
	4400	61882
	4425	61965
	4450	61982
	4475	61957
4500	61952	
4525	61937	
4550	61912	
4575	61879	
4600	61868	
4625	61883	
4650	61915	
4675	61924	
4700	61935	
4725	61989	
4750	61982	
4775	62099	

035

809036

- 12 -

LINE	STATION	READING
600E	4800N	62351
	4825	62328
	4850	62223
	4875	62482
	4900	62619
	4925	62516
	4950	62360
	4975	61828
	5000	61988
	5025	62008
	5050	61968
	5075	61910
	5100	61828
	5125	61925
	5150	61961
	5175	61910
	5200	61908
	5225	61891
	5250	61936
	5275	61997
	5300	62070
	5325	62036
	5350	62046
	5375	62020
	5400	61971
	5425	62021
	5450	62069
	5475	62187
	5500	62093
	5525	62078
	5550	62029
	5575	62020
	5600	61997
	5625	61960
	5650	61929
	5675	61892
	5700	61851
	5725	61793
	5750	61778
	5775	61767
	5800	61780
	5825	61617
	5850	62488
	5875	62211
	5900	62287
	5925	62228
	5950	62211
	5975	62193
	6000	62193
	6280	62075
	6300	62038
	6325	62011
	6350	62040

036

809037

- 13 -

LINE	STATION	READING
600E	6375N	62085
	6400	62208
	6425	62292
	6450	62317
	6475	62152
	6500	62092
	6525	62048
	6550	62038
	6575	62072

037

809038

APPENDIX II

SOIL GEOCHEMISTRY OF SAMPLES FROM THE SALMON GRID



809040

FIELD SAMPLE DESPATCH SHEET

17064

Project No. 7611 Project Name _____ Date Required 14/10/87
 Date Despatched 1/10/87 Despatcher PDE Despatched per SCYRCHDS
 CSR Order No. 45095 Consignment No. _____
 Lab Name HVALHDS
 Preparation Method SEE SHEET 17063
 Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A127115411		ER		0.50E 38.00M B1 C1		
8421		ER		1.075E " B1 C1		
8431		ER		1.100E " B1 C1		
844		ER		1.125E " B1 C1		
845		ER		1.150E " B1 C1		
846		ER		1.175E " B1 C1		
847		ER		1.200E " B1 C1		
848		ER		1.225E " B1 C1		
849		ER		1.250E " B1 C1		
850		ER		1.275E " B1 C1		
851		CL	SIT	6x11		
852		ER		0.600E 40.00M G1 C1		
853		ER		0.625E " B1 C1		
854		ER		0.650E " B1 C1		
855		ER		0.675E " B1 C1		
856		ER		0.700E " B1 C1		
857		ER		0.725E " G1 C1		
858		ER		0.750E " G1 C1		
859		ER		0.775E " G1 C1		
860		ER		0.800E " G1 C1		
861		ER		0.825E " G1 C1		
862		ER		0.850E " B1 S1		
863		ER		0.875E " B1 C1		
864		ER		0.900E " B1 C1		
865		ER		0.925E " B1 C1		
866		ER		0.950E " B1 C1		
867		ER		0.975E " B1 C1		
868		ER		1.000E " B1 C1		
869		ER		1.025E " B1 C1		
870		ER		1.050E " B1 C1		
871		ER		1.075E " B1 C1		
872		ER		1.100E " B1 C1		
873		ER		1.125E " B1 C1		
874		ER		1.150E " B1 C1		
875		ER		1.175E " B1 C1		
876		ER		1.200E " B1 C1		
877		ER		1.225E " B1 C1		
878		ER		1.250E 40.00M B1 C1		
879		ER		0.600E 42.00M B1 C1		
A127115801		ER		0.625E " B1 C1		

040

809041



FIELD SAMPLE DESPATCH SHEET

17065

Project No. 7611 Project Name _____ Date Required 14/10/87

Date Despatched 1/10/87 Despatcher PDC Despatched per SKRONS

CSR Order No. 45095 Consignment No. _____

Lab Name ANALABS

Preparation Method SEE SHEET 17063

Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A12171951		ER		0650E4200M B1C		
81871		ER		0675E " G C		
81831		ER		0700E " B C		
8184		ER		0725E " R1B1C		
81851		ER		0750E " B1C		
8186		ER		0775E " G1C		
8187		ER		0800E " B1C		
8188		ER		0825E " G C		
8189		ER		0850E " B C		
8190		ER		0875E " B C		
8191		ER		0900E " B C		
8192		ER		0925E " B C		
8193		ER		0950E " B C		
8194		ER		0975E " B C		
8195		ER		1000E " B C		
8196		ER		1025E " B C		
8197		ER		1050E " B C		
8198		ER		1075E " B C		
8199		ER		1100E " B C		
9100		ER		1125E " B1C		
9101		ER		1150E " B C		
9102		ER		1175E " B C		
9103		ER		1200E " B C		
9104		ER		1225E4200M B C		
9105		ER		0600E3625M G1C		
9106		ER		" 3650M G S		
9107		ER		" 3675M G C		
9108		ER		" 3700M G C		
9109		ER		" 3725M S		SE?
9110		ER		" 3750M G C		
9111		ER		0600E3775M B1C		
9112		CL SIT		6x26		
9113		ER		0600E3825M G1C		
9114		ER		" 3850M G C		
9115		ER		" 3875M G C		
9116		ER		" 3900M G C		
9117		ER		" 3925M W C		
9118		ER		" 3950M G C		
9119		ER		0600E3975M G1C		
A12171920		CL SIT		Gx10		



FIELD SAMPLE DESPATCH SHEET

17066

Project No. 76 Project Name _____ Date Required 14/1/87
 Date Despatched 1/10/87 Despatcher PDC Despatched per SKYRCHES
 CSR Order No. 45095 Consignment No. _____
 Lab Name ANALYSIS
 Preparation Method SEE SHEET 17063
 Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A2171921		ER		0.60.0.E.4102.5M G1 C1		
9212		ER		" 4105.0M W1 C1		
9213		ER		" 4107.5M G1 C1		
9214		ER		" 4110.0M G1 G1		
9215		ER		" 4112.5M B1 H1		
9216		ER		" 4115.0M G1 C1		
9217		ER		0.60.0.E.4117.5M G1 C1		
9218		CL	ST	Gx12		
9219		ER		0.60.0.E.422.5M G1 C1		
9310		ER		" 425.0M G1 C1		
9311		ER		" 427.5M G1 C1		
9312		ER		" 431.0M G1 C1		
9313		ER		" 432.5M G1 C1		
9314		ER		" 435.0M B1 G1 C1		
9315		ER		" 437.5M G1 C1		
9316		ER		0.60.0.E.440.0M G1 C1		
9317		ER		0.38.5.E. " G1 C1		
9318		ER		0.40.0.E. " G1 C1		
9319		ER		0.42.5.E. " G1 C1		
9410		ER		0.45.0.E. " G1 B1 C1		
9411		ER		0.47.5.E. " W1 G1 C1		
9412		ER		0.50.0.E. " B1 G1 C1		
9413		ER		0.52.5.E. " G1 C1		
9414		ER		0.55.0.E. " B1 G1 C1		
9415		ER		0.57.5.E.440.0M B1 G1 C1		
9416		CL	ST	Gx12A		
9417		ER		0.62.5.E.440.0M B1 C1		
9418		ER		0.65.0.E. " D1 B1 C1		
9419		ER		0.67.5.E. " W1 G1 C1		
A217145101		ER		0.70.0.E. " G1 C1		
A2195551		ER		0.0.0.E.540.0M Y1 C1		
5512		ER		0.02.5.E. " Y1 C1		
5513		CL	ST	Gx9		
5514		ER		0.05.0.E.540.0M G1 C1		
5515		ER		0.07.5.E. " G1 C1 S		
5516		ER		0.10.0.E. " Y1 C1		
5517		CL	BL	S1A.M.D1		
5518		ER		0.12.5.E. " G1 C1		
5519		ER		0.15.0.E. " G1 C1 S		
A217155110		ER		0.17.5.E. " F1 C1		



809043

FIELD SAMPLE DESPATCH SHEET

17067

Project No. 7611 Project Name _____ Date Required 10/10/87
 Date Despatched 1/10/87 Despatcher PDE Despatched per SKYKELPS
 CSR Order No. 45095 Consignment No. _____
 Lab Name ANALYSIS
 Preparation Method SEE SHEET 17063
 Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A12195151611		ER		02200E54010M GIC		
51612		ER		02225E54010M GIC		
51613		CL	SIT	6x11A		
51614		ER		0250E54010M WIC		
51615		ER		0275E " WIC		
51616		ER		0300E " WIC		
51617		ER		0325E54010M WYIC		
51618		CL	SIT	6x113		
51619		ER		0350E54010M WIC		
51710		ER		0375E " WIC		
51711		ER		0400E " D.BIC		
51712		ER		0425E " QIT		
51713		ER		0450E " QIT		
51714		ER		0475E " QIT		
51715		ER		0500E " QIT		
51716		ER		0525E " QIT		
51717		ER		0550E " QIT		
51718		ER		0575E " QIT		
51719		ER		0600E54010M BICAT		
51810		CL	SIT	6x111		
51811		ER		0625E54010M BIC		
51812		ER		0650E " BIC		
51813		ER		0675E " QIC		
51814		ER		0700E " BIC		
51815		ER		0725E " BIC		
51816		ER		0750E " BIC		
51817		ER		0775E " BIC		
51818		ER		0800E " BIC		
51819		ER		0825E " BIC		
51910		ER		0850E " BIC		
51911		ER		0875E " BIC		
51912		ER		0900E " BIC		
51913		ER		0925E " BIC		
51914		ER		0950E " BIC		
51915		ER		0975E " BIC		
51916		ER		1000E " QIC		
51917		ER		1025E " QIC		
51918		ER		1050E " BIC		
51919		ER		1075E " BIC		
A1219516100		ER		1100E54010M BIC		



FIELD SAMPLE DESPATCH SHEET

17068

Project No. 7611 Project Name _____ Date Required 16/10/87
 Date Despatched 1/10/87 Despatcher PDE Despatched per SKYROADS
 CSR Order No. 45095 Consignment No. _____
 Lab Name ANALYSIS
 Preparation Method SER. CHEZ 17063
 Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A12195161011		EIR		1125E1540AM BIC		
61021		EIR		1150E1 " BIC		
61031		EIR		11175E1 " BIC		
61041		EIR		1200E1 " BIC		
61051		EIR		1225E1 " BIC		
61061		EIR		1250E1 " BIC		
61071		EIR		1275E1 " R.BIC		
61081		EIR		1300E1 " R.BIC		
61091		EIR		1325E1 " R.BIC		
61101		EIR		1350E1 " R.BIC		
61111		EIR		1375E1 " R.BIC		
61121		EIR		1400E1 " R.BIC		
61131		EIR		1425E15UDON R.BIC		
61141		EIR		0600E1560AM BIC		
61151		EIR		0625E1 " O.BIC		
61161		EIR		0650E1 " O.BIC		
61171		EIR		0675E1 " BIC		
61181		EIR		0700E1 " BIC		
61191		EIR		0725E1 " BIC		
61201		EIR		0750E1 " BIC		
61211		EIR		0775E1 " BIC		
61221		EIR		0900E1560AM BIC		
61231		CIL BIL		SAND		
61241		EIR		0825E1560AM BIC		
61251		EIR		0850E1 " BIC		
61261		EIR		0875E1 " BIC		
61271		EIR		0900E1 " BIC		
61281		EIR		0925E1 " BIC		
61291		EIR		0950E1 " BIC		
6301		EIR		0975E1 " BIC		
6311		EIR		1000E1 " BIC		
63121		EIR		1025E1 " BIC		
63131		EIR		1050E1 " O.BIC		
612141		EIR		1075E1 " BIC		
63151		EIR		1100E1560AM BIC		
63161		CIL SIT		6x9		
612171		EIR		11125E1560AM BIC		
612151		EIR		11150E1 " BIC		
612141		EIR		11175E1 " R.BIC		
A1219516110		EIR		11200E1560AM BIC		

DISBURSEMENT: WHITE - to Assay Laboratory with order. PINK - to Computer Services. YELLOW - to Head Office filing.
 GREEN - field copy.



FIELD SAMPLE DESPATCH SHEET

17069

Project No. 7611 Project Name _____ Date Required 16/10/87
Date Despatched 1/10/87 Despatcher PDC Despatched per SKYROADS
CSR Order No. 45045 Consignment No. _____
Lab Name ANALABS
Preparation Method SEL SLICE 17063
Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A 2951611		EIR		12.25E1516101M B C		
61421		EIR		12.50E1516101M B C		
61431		EIR		12.75E1516101M B C		
61441		EIR		12.95E1516101M B C		
61451		EIR		08.12E1518101M B C		
61461		EIR		08.00E1518101M B C		
61471		EIR		07.75E1518101M B C		
61481		EIR		07.50E1518101M B C		
61491		EIR		07.25E1518101M B C		
61501		EIR		07.00E1518101M B C		
61511		EIR		06.75E1518101M B C		
61521		EIR		06.50E1518101M B C		
61531		EIR		06.25E1518101M B C		
61541		EIR		06.00E1518101M B C		
61551		EIR		05.75E1518101M B C		
61561		EIR		05.50E1518101M B C		
61571		EIR		05.25E1518101M B C		
61581		EIR		05.00E1518101M B C		
61591		EIR		04.75E1518101M B C		
61601		EIR		04.50E1518101M B C		
61611		EIR		04.25E1518101M B C		
61621		EIR		04.00E1518101M B C		
61631		EIR		03.75E1518101M B C		
61641		EIR		03.50E1518101M B C		
61651		EIR		03.25E1518101M B C		
61661		EIR		03.00E1518101M B C		
61671		EIR		02.75E1518101M B C		
61681		EIR		02.50E1518101M B C		
61691		EIR		02.25E1518101M B C		
61701		EIR		02.00E1518101M B C		
61711		EIR		01.75E1518101M B C		
61721		EIR		01.50E1518101M B C		
61731		EIR		01.25E1518101M B C		
61741		EIR		01.00E1518101M B C		
61751		EIR		00.75E1518101M B C		
61761		EIR		00.50E1518101M B C		
61771		EIR		00.25E1518101M B C		
61781		EIR		00.00E1518101M B C		
61791		EIR		01.50E1518101M B C		
A 29516301		CIL SIT		61x110 01518101M		

DISBURSEMENT: WHITE - to Assay Laboratory with order. PINK - to Computer Services. YELLOW - to Head Office filing. GREEN - field copy.



FIELD SAMPLE DESPATCH SHEET

17070

Project No. 7611 Project Name _____ Date Required 10/10/87
 Date Despatched 11/10/87 Despatcher PDC Despatched per SKYROADS
 CSR Order No. 45095 Consignment No. _____
 Lab Name HANLAAS
 Preparation Method SEE SHEET 17063

Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A 71957011		ER		07251E 44010M B C		
7192		ER		07510E " B C		
7193		ER		07751E " B C		
7194		ER		0800E " B C		
7195		ER		08251E " B C		
7196		ER		0850E " B C		
7197		ER		08751E " B C		
7198		ER		0900E " B C		
7199		ER		09251E " B C		
7110		ER		0950E " B C		
7111		ER		09751E " R B C		
7112		ER		1000E " R B C		
7113		ER		10251E " R B C		
7114		ER		1050E " B C		
7115		ER		10751E " B C		
7116		ER		1100E " R B C		
7117		ER		11251E " B C		
7118		ER		1150E " R B C		
7119		ER		11751E " R B C		
7120		ER		1200E " R B C		
7121		ER		12251E " O B C		
7122		ER		1250E " O C		
7123		ER		1270E 4400M B C		
7124		ER		03751E 461010M B C		
7125		ER		04010E " B C		
7126		ER		04251E " B C		
7127		ER		0450E " B C		
7128		ER		04751E " B C		
7129		ER		0500E " B C		
7130		ER		05251E " B C		
7131		ER		0550E " B C		
7132		ER		05751E " B C		
7133		ER		0600E " B C		
7134		ER		06251E " B C		
7135		ER		0650E " B C		
7136		ER		06751E " B C		
7137		ER		0700E " B C		
7138		ER		07251E " B C		
7139		ER		0750E " B C		
A 71957110		ER		07751E 4600M B C		

DISBURSEMENT: WHITE - to Assay Laboratory with order. PINK - to Computer Services. YELLOW - to Head Office filing.
 GREEN - field copy



FIELD SAMPLE DESPATCH SHEET

17071

Project No. 7611 Project Name _____ Date Required 16/10/87
 Date Despatched 1/10/87 Despatcher PDC Despatched per SKYROADS
 CSR Order No. 45095 Consignment No. _____
 Lab Name ANALABS
 Preparation Method SEE SHEET 17063

Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A12195171411		ER		080101E1461010M B C		
71421		ER		0825E " B C		
71431		ER		0850E " B C		
71441		ER		0875E " B C		
71451		ER		0900E " A C		
71461		ER		0925E " B C		
71471		ER		0950E " B C		
71481		ER		0975E " B C		
7149		ER		1000E " B C		
7150		ER		1025E " B C		
7151		ER		1050E " B C		
71521		ER		1050E " B C		
71531		ER		1075E " B C		
71541		ER		1100E " B C		
71551		ER		1125E " B C		
71561		ER		1150E1461010E B C		
71571		CL 517		611131		
71581		ER		1175E1461010E B C		
71591		ER		1200E " B C		
7160		ER		1225E1461010E B C		
7161		ER		0354E4800E B C		
71631		ER		0375E " B C		
71641		ER		0400E " B C		
71651		ER		0425E " B C		
71661		ER		0450E " B C		
71671		ER		0475E " B C		
71681		ER		0500E " B C		
71691		ER		0525E " B C		
7170		ER		0550E " B C		
71711		ER		0575E148010M B C		
7172		ER		0600E148010M B C		
71731		ER		0600E148010M B C		
71741		ER		0625E " B C		
71751		ER		0650E " B C		
71761		ER		0675E " B C		
71771		ER		0700E " B C		
71781		ER		0725E " B C		
71791		ER		0750E " B C		
A1219517180		ER		0775E148010M B C		

DISBURSEMENT: WHITE - to Assay Laboratory with order. PINK - to Computer Services. YELLOW - to Head Office filing.
 GREEN - field copy.



FIELD SAMPLE DESPATCH SHEET

17072

Project No. 761 Project Name _____ Date Required 10/10/57
 Date Despatched 11/10/57 Despatcher PDE Despatched per SEYRONS
 CSR Order No. 45095 Consignment No. _____
 Lab Name H.V. LINES
 Preparation Method SEE SHEET 17063
 Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A1214517311		ER		01810101E148 0.01M GIC		
78121		ER		018251E1 " BIC		
78131		ER		0185101E1 " BIC		
78141		ER		018751E1 " BIC		
78151		ER		019001E1 " BIC		
78161		ER		019251E1 " BIC		
78171		ER		0195101E1 " BIC		
78181		ER		019751E1 " BIC		
78191		ER		110001E1 " BIC		
79101		ER		110251E1 " RBIC		
79111		ER		1105101E1 " RBIC		
79121		ER		110751E1 " RBIC		
79131		ER		111001E1 " RBIC		
79141		ER		111251E1 " BIC		
79151		ER		1115101E1 " DBIC		
79161		ER		111751E1 " DBIC		
79171		ER		112001E1 " BIC		
79181		ER		112251E1 4810101M BIC		
79191		CL	BIL	SAND		
A12145180101		CL	ST	6X114		
A312101810111		ER		0103171E1510101M GVIC		
81021		ER		0105101E1 " GVIC		
81031		ER		010751E1 " BIC		
81041		ER		011001E1 " RBIC		
81051		ER		011251E1 " RBIC		
81061		ER		0115101E1 " BIC		
81071		ER		011751E1 " BIC		
81081		ER		012001E1 " GBIC		
81091		ER		012251E1 " CBIC		
81101		ER		0125101E1 " GIC		
81111		ER		012751E1 510101M BIC		
81121		CL	ST	6X191		
81131		ER		0130101E1510101M BIC		
81141		ER		0132151E1 " BIC		
81151		ER		0135101E1 " BIC		
81161		ER		013751E1 " BIC		
81171		ER		014001E1 " DBIC		
81181		ER		0142151E1 " DBIC		
81191		ER		0145101E1 " PBIC		
A131210192101		ER		0147151E1510101M BIC		



FIELD SAMPLE DESPATCH SHEET

17073

Project No. 7611 Project Name _____ Date Required 10/10/87
 Date Despatched 11/10/87 Despatcher PDE Despatched per SKYROADS
 CSR Order No. 45095 Consignment No. _____
 Lab Name HNALABS
 Preparation Method SEE SHEET 17063
 Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A 31210181211		ER		0.5000E5000M BIC		
812121		ER		0.5250E " BIC		
812131		ER		0.5500E " BIC		
812141		ER		0.5750E " BIC		
812151		ER		0.6000E " GBC		
812161		ER		0.6250E " BIC		
812171		ER		0.6500E " BIC		
812181		ER		0.6750E " BIC		
812191		ER		0.7000E " BIC		
813101		ER		0.7250E " BIC		
813111		ER		0.7500E " GBC		
813121		ER		0.7750E " BIC		
813131		ER		0.8000E " OBC		
813141		ER		0.8250E " OBC		
813151		ER		0.8500E " BIC		
813161		ER		0.8750E " BIC		
813171		ER		0.9000E " BIC		
813181		ER		0.9250E " BIC		
813191		ER		0.9500E " BIC		
814101		ER		0.9750E " BIC		
814111		ER		1.0000E5000M BIC		
814121		CIL BI		SAND		
814131		ER		1.0250E5000M BIC		
814141		ER		1.0500E " OBC		
814151		ER		1.0750E " BIC		
814161		ER		1.1000E " OBC		
814171		ER		1.1250E " OBC		
814181		ER		1.1500E " BIC		
814191		ER		1.1750E " BIC		
815101		ER		1.2000E " BIC		
815111		ER		1.2250E5000M OBC		
815121		CIL SIT		GX111		
815131		ER		1.2500E5000M OBC		
815141		ER		1.2750E " OBC		
815151		ER		1.3000E " OBC		
815161		ER		1.3250E " BIC		
815171		ER		1.3500E " BIC		
815181		ER		1.3750E5000M BIC		
815191		ER		0.0000E5000M GBC		
A 31210181610		ER		0.0250E5200M BIC		



FIELD SAMPLE DESPATCH SHEET

17075

Project No. 7611 Project Name _____ Date Required 14/10/87
 Date Despatched 11/10/87 Despatcher PDE Despatched per SKYROADS
 CSR Order No. 45095 Consignment No. _____
 Lab Name ANALYSIS
 Preparation Method SEE SHEET 7013
 Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A2109011		ER		110251E5200M B C		
102		ER		110501E " B C		
103		ER		110751E " B C		
104		ER		111001E " B C		
105		ER		111251E " B C		
106		ER		111501E " B C		
107		ER		111751E " B C		
108		ER		112001E " B C		
109		ER		112251E " B C		
110		ER		112501E " B C		
111		ER		112751E " B C		
112		ER		113001E " B C		
113		ER		113251E " B C		
114		ER		113501E " B C		
115		ER		113631E5200M B C		
116		ER		016911E6000M A C		
117		ER				
118		ER		016151E6000M B C		
119		ER		016251E6000M B C		
120		CL SIT		6X11A		
121		ER		016001E6000M B C		
122		ER		015751E " B C		
123		ER		015501E " B C		
124		ER		015251E " B C		
125		ER		015001E " B C		
126		ER		014751E " B C		
127		ER		014501E " B C		
128		ER		014251E " B C		
129		ER		014001E6000M B C		
130		CL BI		6AMD		
131		ER		013751E6000M B C		
132		ER		013501E " B C		
133		ER		013251E " B C		
134		ER		013001E " B C		
135		ER		021751E " G S		
136		ER		012501E " G S		
137		ER		022251E " B C		
138		ER		012001E " B C		
139		ER		011751E " B C		
A1310110		ER		011501E6000M B C		

DISBURSEMENT: WHITE - to Assay Laboratory with order. PINK - to Computer Services. YELLOW - to Head Office filing. GREEN - field copy.



809052

FIELD SAMPLE DESPATCH SHEET

17047

Project No. 7611 Project Name _____ Date Required 10/10/87

Date Despatched 1/10/87 Despatcher PDE Despatched per SKYROADS

CSR Order No. 45095 Consignment No. _____

Lab Name ANALABS

Preparation Method SEE SHEET 17063

Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A3210911		ER		01251E6100W RBC		
9112		ER		01001E " A C		
9113		ER		01075E " YBC		
9114		ER		010501E " YBC		
9115		ER		01025E " YBC		
9116		ER		01010 " BGC		
9117		ER		01025W61010M YGC		
9118		CL	SIT	GX1131		
9119		CL	BIL	SAND		
9120		CL	SIT	GX111		
9121		ER		05751E56101M OBC		
9122		ER		0550E " B C		
9123		ER		0525E " OBC		
9124		ER		05010E " OBC		
9125		ER		0475E " OBC		
9126		ER		04501E " OBC		
9127		ER		0425E " OBC		
9128		ER		04010E " B C		
9129		ER		0375E56101M BGC		
9130		CL	SIT	GX116		
9131		ER		0350E56101M G C		
9132		ER		0325E " YGC		
9133		ER		03010E " YGC		
9134		ER		0275E " B C		
9135		ER		0250E " GBC		
9136		ER		0225E " GYC		
9137		ER		02010E " G C		
9138		ER		0175E " G C		
9139		ER		0150E " OBC		
9140		ER		0125E " GBC		
9141		ER		0100E " GWC		
9142		ER		01075E " GWC		
9143		ER		01050E " YGC		
9144		ER		01025E " B C		
9145		ER		010101E " B C		
9146		ER		01025W " R C		
9147		ER		01050W56101M G C		
9148		CL	BIL	SAND		
9149		CL	SIT	GX111		
A321091510		CL	SIT	GX216		

DISBURSEMENT: WHITE - to Assay Laboratory with order. PINK - to Computer Services. YELLOW - to Head Office filing.

GREEN - field copy



809053

FIELD SAMPLE DESPATCH SHEET

17048

Project No. 7611 Project Name _____ Date Required 10/10/87

Date Despatched 11/10/87 Despatcher PDC Despatched per SKYRIDE

CSR Order No. 45095 Consignment No. _____

Lab Name ANMLABS

Preparation Method SEE SHEET 17063

Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A 21001		ER		061010E4425M G1 C1		
002		ER		" 44501M G1 C1		
003		ER		" 44751M G1 C1		
004		ER		" 445101M B1 C1		
005		ER		" 451251M G1 C1		
006		ER		" 455101M G1 C1		
007		ER		" 45751M B1 C1		
008		ER		" 46251M B1 C1		
009		ER		" 465101M B1 C1		
010		ER		" 46751M Y1 C1		
011		ER		" 47001M B1 C1		
012		ER		" 47251M B1 C1		
013		ER		" 475101M B1 C1		
014		ER		" 47751M B1 C1		
015		ER		" 48251M Y1 C1		
016		ER		" 495101M R1 C1		
017		ER		" 49751M Y1 C1		
018		ER		" 49001M B1 C1		
019		ER		" 49251M Y1 C1		
020		ER		" 495101M B1 C1		
021		ER		" 49751M B1 C1		
022		ER		" 50251M B1 C1		
023		ER		0600E505101M B1 C1		
024		CIL ST		G111		
025		ER		0600E51101M B1 C1		
026		ER		" 51251M B1 C1		
027		ER		" 515101M Y1 C1		
028		ER		" 51751M B1 C1		
029		ER		53001M B1 C1		
030		ER				
031		ER				
032		ER				
033		ER				
034		ER				
035		ER				
036		ER				
037		ER				
038		ER				
039		ER				
A 3101		ER				

DISBURSEMENT: WHITE - to Assay Laboratory with order. PINK - to Computer Services. YELLOW - to Head Office filing.
GREEN - field copy



809054

FIELD SAMPLE DESPATCH SHEET

17049

Project No. 7611 Project Name _____ Date Required 10/10/87
 Date Despatched 1/10/87 Despatcher PDC Despatched per SKYROADS
 CSR Order No. 45093 Consignment No. _____
 Lab Name HANLARS
 Preparation Method SEE SHEET 17063

Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A32110411						
14171						
1431						
1414						
14151						
14161						
14171						
14181						
1419						
15101						
15111						
15121						
15131						
15141						
15151						
15161						
15171						
15181						
15191						
1610						
1611						
16121						
16131						
16141						
16151						
16161						
16171						
16181						
1619						
17101		ER		0.610.0.E.512.2.5.N. 1B. 1C.		
1711		ER		" 5.215.0.N. 1B. 1C.		
1712		ER		" 5.217.5.N. 1B. 1C.		
1713		ER		" 5.310.0.N. 1B. 1C.		
1714		ER		" 5.312.5.N. 1B. 1C.		
17151		ER		" 5.315.0.N. 1B. 1C.		
17161		ER		" 5.317.5.N. 1B. 1C.		
17171		ER		" 5.412.5.N. 1B. 1C.		
17181		ER		" 5.415.0.N. 1B. 1C.		
1719		ER		" 5.417.5.N. 1B. 1C.		
A321101810		ER		0.610.0.E.515.0.0.N. 1B. 1C.		



FIELD SAMPLE DESPATCH SHEET

17050

Project No. 76" Project Name _____ Date Required 10/10/87

Date Despatched 1/10/87 Despatcher PDC Despatched per SKYRCADE

CSR Order No. 45095 Consignment No. _____

Lab Name ANULLARS

Preparation Method SEE SHEET 17063

Element(s)/Method _____

CSR SAMPLE NUMBER	FIELD NUMBER	SAMPLE TYPE	CONTROL TYPE	SAMPLE DESCRIPTION	ORIGINAL NUMBER	SAMPLE WEIGHT SUBMITTED
A1312110811		EIR		061010E1515125M | B1C		
0812		EIR		" 515101M | A1C		
0813		EIR		" 515175M | B1C		
0814		EIR		" 516125M | B1C		
0815		EIR		" 516150M | B1C		
0816		EIR		" 516175M | B1C		
0817		EIR		" 517101M | B1C		
0818		EIR		" 517125M | B1C		
0819		EIR		" 517150M | B1C		
0910		EIR		061010E1517151M | B1C		
0911		CL SIT		6X112A		
0912		EIR		061010E1518121M | B1C		
0913		EIR		" 518175M | B1C		
0914		EIR		" 519101M | B1C		
0915		EIR		" 519125M | B1C		
0916		EIR		" 519150M | B1C		
0917		EIR		061010E15191715M | B1C		
0918		CL B1		5A1M1		
0919		CL SIT		6X112		
A131211100		CL SIT		6X111		

809056

ANALABS

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ANALYTICAL DATA

SAMPLE PREFIX REPORT NUMBER REPORT DATE CLIENT ORDER PREFIX

999, 2B, 0B, 04800 11/11/87 45095

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

REPORT NUMBER REPORT DATE CLIENT ORDER No. PAGE

999, 2B, 0B, 04800 11/11/87 45095 1 OF 25

TUBE No	SAMPLE No	Cu	Pb	Zn	Ag	Ni	B1	As	Ba	Sb	Sn	W	E	N
1	9271801	5	<5	100	1.0	5	10	3	98	<3	4	<10	0600	3500
2	9271802	5	<5	30	0.5	10	10	2	123	<3	<3	<10	"	3525
3	9271803	5	<5	40	1.0	10	10	3	101	<3	3	<10	"	3530
4	9271804	<5	<5	25	1.0	10	<10	2	42	3	<3	<10	"	3575
5	9271805	<5	<5	30	1.0	5	<10	2	29	<3	<3	<10	600	3600
6	9271806	5	<5	25	1.5	10	10	2	102	<3	7	<10	625	"
7	9271807	<5	<5	30	0.5	5	<10	2	62	<3	<3	<10	650	"
8	9271808	5	<5	100	<0.5	5	<10	2	92	6	<3	<10	675	"
9	9271809	<5	<5	30	0.5	5	<10	2	78	<3	<3	<10	700	"
10	9271810	<5	<5	25	1.0	5	<10	2	31	<3	<3	<10	725	"
11	9271811	5	<5	25	0.5	5	<10	3	75	<3	<3	<10	750	"
12	9271812	5	<5	20	1.5	10	<10	3	93	<3	9	<10	775	"
13	9271813	5	<5	25	1.0	15	<10	3	90	<3	<3	<10	800	"
14	9271814	10	45	90	2.0	15	10	8	208	<3	4	<10	825	"
15	9271815	60	30	55	<0.5	30	<10	12	470	<3	<3	<10	850	"
16	9271816	80	30	50	0.5	45	<10	16	69	<3	11	<10	875	"
17	9271817	75	30	55	0.5	45	<10	14	119	<3	8	<10	900	"
18	9271818	70	30	50	0.5	40	<10	12	153	<3	5	<10	925	"
19	9271819	20	5	30	1.0	20	10	11	267	<3	3	<10	950	"
20	9271820	45	15	45	0.5	35	<10	11	139	<3	4	<10	975	"
21	9271821	45	<5	40	1.0	30	<10	9	67	<3	5	<10	1000	"
22	9271822	90	10	70	0.5	65	<10	8	133	3	3	<10	1025	"
23	9271823	<5	<5	30	<0.5	10	10	5	99	<3	3	<10	600	3800
24	9271824	5	<5	35	0.5	15	<10	3	157	<3	<3	<10	625	"
25	9271825	<5	<5	30	<0.5	5	<10	2	54	<3	<3	<10	650	"

Results in ppm unless otherwise specified
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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

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A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX
REPORT NUMBER
REPORT DATE
CLIENT ORDER No.
REPORT NUMBER
REPORT DATE
CLIENT ORDER No.
PAGE

		999, 2B, 08, 04800				11/11/87			45095				999, 2B, 08, 04800				11/11/87			45095				2 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N										
1	A271826	<5	<5	25	<0.5	5	<10	2	65	<3	<3	<10		675	3800										
2	A271827	<5	<5	35	0.5	10	<10	3	12	<3	<3	<10		700	"										
3	A271828	5	<5	40	0.5	5	<10	2	<10	3	<3	<10		725	"										
4	A271829	5	<5	40	0.5	5	<10	2	38	<3	<3	<10		750	"										
5	A271830	5	<5	30	0.5	5	<10	3	18	<3	<3	<10		775	"										
6	A271831	<5	<5	30	0.5	10	<10	3	55	<3	7	<10		800	"										
7	A271832	70	10	45	<0.5	25	10	5	<10	<3	<3	<10		825	"										
8	A271833	60	15	40	<0.5	30	<10	8	146	<3	4	<10		850	"										
9	A271834	80	20	50	0.5	35	<10	12	108	<3	5	<10		875	"										
10	A271835	30	40	30	<0.5	20	<10	14	190	<3	7	<10		900	"										
11	A271836	50	25	65	<0.5	35	<10	14	49	8	12	<10		925	"										
12	A271837	70	40	55	<0.5	40	<10	11	98	<3	4	<10		950	"										
13	A271838	75	30	75	<0.5	40	<10	9	129	3	4	<10		975	"										
14	A271839	75	75	280	<0.5	105	<10	18	310	<3	3	14		1000	"										
15	A271840	110	20	160	0.5	95	<10	7	40	<3	14	<10		1025	"										
16	A271841	115	25	90	0.5	80	<10	7	14	6	7	<10		1050	"										
17	A271842	115	15	85	0.5	95	10	4	<10	<3	5	<10		1075	"										
18	A271843	115	25	105	0.5	90	<10	6	52	<3	3	<10		1100	"										
19	A271844	105	25	105	0.5	70	<10	6	74	<3	<3	<10		1125	"										
20	A271845	110	20	105	1.0	80	<10	8	59	<3	7	<10		1150	"										
21	A271846	110	30	105	0.5	85	10	5	39	<3	6	<10		1175	"										
22	A271847	105	15	85	<0.5	75	<10	6	31	<3	10	<10		1200	"										
23	A271848	80	25	65	<0.5	55	<10	4	129	<3	<3	<10		1225	"										
24	A271849	80	15	55	<0.5	45	<10	4	54	<3	3	<10		1250	"										
25	A271850	115	20	55	0.5	50	<10	7	<10	<3	7	<10		1275	"										

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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER NO.

999, 2B, 0B, 04800

11/11/87

45025

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

999, 2B, 0B, 04800

11/11/87

45025

3 OF 25

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	M		E	N	E
1	271851	5	5	10	<0.5	10	<10	5	<10	<3	168	<10	8x11	660	4000	600
2	271852	5	<5	20	<0.5	5	<10	3	82	3	8	<10		625	4000	600
3	271853	<5	<5	25	<0.5	5	<10	2	73	<3	4	<10		650		625
4	271854	<5	5	40	0.5	<5	<10	2	35	<3	<5	<10		475		650
5	271855	5	<5	25	<0.5	5	<10	1	21	<3	5	<10		700		675
6	271856	<5	<5	40	<0.5	<5	<10	2	<10	3	5	<10		725		700
7	271857	<5	<5	25	<0.5	5	<10	2	60	<3	<3	<10		750		725
8	271858	<5	<5	25	<0.5	<5	<10	1	18	<3	6	<10		775		750
9	271859	<5	<5	25	0.5	5	<10	2	39	<3	6	<10		800		775
10	271860	<5	<5	40	0.5	40	<10	3	92	<3	11	<10		825		800
11	271861	<5	<5	30	<0.5	15	<10	1	33	<3	7	<10		850		825
12	271862	<5	5	465	0.5	255	<10	2.54	186	3	<3	<10		875		850
13	271863	15	25	400	<0.5	160	<10	7.35	150	<3	<3	<10		900		875
14	271864	50	10	405	0.5	185	<10	39	1010	5	<3	<10		925		900
15	271865	40	15	55	<0.5	35	<10	14	101	<3	6	<10		950		925
16	271866	30	10	35	<0.5	20	<10	10	157	<3	8	<10		975		950
17	271867	55	15	70	<0.5	40	<10	11	122	<3	<3	<10		1000		975
18	271868	45	20	60	0.5	30	<10	5	173	6	6	<10		1025		1000
19	271869	80	25	55	0.5	30	<10	7	89	<3	6	<10		1050		1025
20	271870	90	40	75	<0.5	35	<10	7	<10	<3	7	<10		1075		1050
21	271871	100	25	70	0.5	55	<10	6	<10	<3	4	<10		1100		1075
22	271872	85	30	80	<0.5	55	<10	9	<10	<3	3	<10		1125		1100
23	271873	125	25	110	<0.5	105	<10	6	<10	<3	7	<10		1150		1125
24	271874	110	30	115	1.0	80	<10	7	12	<3	3	<10				1150
25	271875	100	20	80	0.5	80	<10	5	<10	<3	3	<10				1175

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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX: 999 28.08.04800 REPORT NUMBER: 11/11/87 REPORT DATE: 45095 CLIENT ORDER No.

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

REPORT NUMBER: 999 28.08.04800 REPORT DATE: 11/11/87 CLIENT ORDER No. 45095 PAGE 4 OF 25

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W	E	N
1	4271876	90	25	70	<0.5	70	<10	4	18	<3	8	<10	1200	4000
2	4271877	70	25	60	<0.5	50	<10	6	<10	6	3	<10	1225	"
3	4271878	90	35	80	<0.5	75	<10	8	<10	<3	<3	<10	1250	"
4	4271879	5	20	30	0.5	5	<10	1	158	7	<3	<10	600	4200
5	4271880	5	10	25	<0.5	5	<10	<1	142	4	5	<10	625	"
6	4271881	5	<5	20	<0.5	<5	<10	<1	92	<3	5	<10	650	"
7	4271882	<5	<5	25	<0.5	<5	<10	<1	47	<3	5	<10	675	"
8	4271883	<5	10	25	<0.5	<5	<10	<1	65	<3	<3	<10	700	"
9	4271884	<5	<5	25	<0.5	5	<10	<1	13	3	<3	<10	725	"
10	4271885	<5	<5	35	<0.5	<5	<10	<1	10	<3	<3	<10	750	"
11	4271886	<5	<5	20	<0.5	<5	<10	<1	21	<3	<3	<10	775	"
12	4271887	<5	5	45	<0.5	<5	<10	<1	17	<3	<3	<10	800	"
13	4271888	<5	<5	25	<0.5	10	<10	3	80	<3	9	<10	825	"
14	4271889	20	20	40	<0.5	40	<10	11	54	<3	6	<10	850	"
15	4271890	10	15	30	<0.5	20	<10	9	105	<3	<3	<10	875	"
16	4271891	35	5	35	<0.5	30	<10	2	148	3	3	<10	900	"
17	4271892	30	5	35	<0.5	20	<10	5	413	4	<3	<10	925	"
18	4271893	35	<5	45	0.5	30	<10	7	437	<3	5	<10	950	"
19	4271894	30	<5	35	<0.5	20	<10	17	187	<3	9	<10	975	"
20	4271895	50	5	50	<0.5	30	20	6	133	<3	6	<10	1000	"
21	4271896	60	15	55	<0.5	35	<10	6	91	4	6	<10	1025	"
22	4271897	90	20	65	<0.5	55	<10	7	<10	<3	5	<10	1050	"
23	4271898	110	40	65	<0.5	70	<10	12	110	<3	5	<10	1075	"
24	4271899	110	25	90	0.5	65	<10	8	110	<3	7	<10	1100	"
25	4271900	120	10	85	0.5	80	<10	6	82	<3	<3	<10	1125	"

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A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX: 999 28.08.04800 REPORT NUMBER: 11/11/87 CLIENT ORDER No: 45095

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A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

REPORT NUMBER: 999 28.08.04800 REPORT DATE: 11/11/87 CLIENT ORDER No: 45095 PAGE: 5 OF 25

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Pt	As	Ba	Sb	Sn	W	E	N
1	8271901	115	10	75	<0.5	90	<10	4	13	<3	6	<10	11500	4200
2	8271902	130	10	65	0.5	85	<10	5	<10	<3	4	<10	1175	"
3	8271903	120	15	60	<0.5	60	<10	4	<10	<3	<3	<10	1200	"
4	8271904	90	10	80	<0.5	95	<10	5	<10	<3	<3	<10	1225	"
5	8271905	65	<5	15	0.5	20	<10	1	74	<3	<3	<10	600	3625
6	8271906	<5	<5	20	<0.5	5	<10	1	79	4	10	<10	"	3650
7	8271907	<5	<5	20	<0.5	5	<10	1	121	<3	7	<10	"	3675
8	8271908	<5	<5	20	0.5	5	<10	1	88	<3	9	<10	"	3700
9	8271909	<5	<5	30	<0.5	5	<10	5	65	<3	6	<10	"	3725
10	8271910	<5	<5	20	<0.5	5	<10	2	105	<3	5	<10	"	3750
11	8271911	5	<5	30	<0.5	5	<10	2	133	<3	7	<10	"	3775
12	8271912	760	3900	3700	680.0	45	40	340	1060	107	2150	17	6x26	
13	8271913	<5	<5	75	1.0	10	<10	1	64	<3	<3	<10	"	3825
14	8271914	<5	5	20	1.5	10	<10	2	129	<3	4	<10	"	3850
15	8271915	<5	<5	20	2.0	5	<10	1	96	<3	8	<10	"	3875
16	8271916	<5	<5	20	1.5	5	<10	<1	19	<3	3	<10	"	3900
17	8271917	<5	<5	15	1.5	5	<10	1	26	<3	3	<10	"	3925
18	8271918	<5	<5	15	1.0	5	<10	1	131	<3	5	<10	"	3950
19	8271919	<5	<5	15	1.0	5	<10	1	42	<3	4	<10	"	3975
20	8271920	<5	<5	5	1.5	5	<10	<1	<10	<3	47	<10	6x10	
21	8271921	<5	<5	15	1.5	5	<10	<1	80	<3	8	<10	"	4025
22	8271922	<5	<5	15	1.0	5	<10	1	93	<3	3	<10	"	4050
23	8271923	<5	<5	20	1.0	10	<10	1	62	<3	4	<10	"	4075
24	8271924	<5	<5	20	1.5	5	<10	1	112	<3	<3	<10	"	4100
25	8271925	10	40	45	1.5	<5	10	1	193	<3	<3	<10	"	4125

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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

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REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

999, 2B, 0B, 04800

11/11/87

45095

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

999, 2B, 0B, 04800

11/11/87

45095

OF

6 25

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N		
1	1271926	<5	<5	15	1.0	5	<10	<1	48	<3	4	<10		W 600	4150		
2	1271927	<5	<5	15	1.5	5	<10	<1	87	<3	7	<10		"	4175		
3	1271928	<5	<5	5	<0.5	10	<10	<1	<10	<3	79	<10		BX12			
4	1271929	5	70	20	<0.5	10	<10	9	150	<3	5	<10		"	4225		
5	1271930	<5	<5	15	<0.5	<5	<10	<1	105	<3	7	<10		"	4250		
6	1271931	<5	<5	30	<0.5	5	<10	<1	80	<3	3	<10		"	4275		
7	1271932	<5	5	65	1.0	5	<10	<1	61	<3	4	<10		"	4300		
8	1271933	<5	<5	30	1.0	5	<10	<1	31	<3	4	<10		"	4325		
9	1271934	<5	<5	20	0.5	5	<10	<1	64	4	<3	<10		"	4350		
10	1271935	<5	<5	20	<0.5	5	<10	<1	77	<3	5	<10		"	4375		
11	1271936	<5	<5	25	1.0	5	<10	<1	73	<3	6	<10		"	4400		
12	1271937	<5	5	20	<0.5	5	<10	1	116	4	<3	<10		385 385	"		
13	1271938	<5	<5	20	1.0	<5	<10	<1	46	<3	<3	<10		400	"		
14	1271939	<5	15	55	0.5	5	<10	3	52	<3	<3	<10		425	"		
15	1271940	<5	25	35	<0.5	<5	<10	2	53	<3	7	<10		450	"		
16	1271941	<5	15	70	0.5	<5	<10	2	34	<3	<3	<10		475	"		
17	1271942	<5	10	90	<0.5	<5	<10	2	78	<3	4	<10		500	"		
18	1271943	<5	10	60	0.5	<5	<10	2	71	<3	3	<10		525	"		
19	1271944	<5	10	30	<0.5	<5	<10	2	66	<3	6	<10		550	"		
20	1271945	<5	10	40	<0.5	<5	<10	4	111	<3	<3	<10		575 575	"		
21	1271946	10	30	45	<0.5	10	<10	13	<10	<3	350	14		GX12 A			
22	1271947	<5	15	45	<0.5	10	<10	2	18	<3	<3	<10		625	"		
23	1271948	45	45	80	<0.5	30	<10	15	153	<3	3	<10		650	"		
24	1271949	<5	20	30	<0.5	10	<10	5	11	5	4	<10		675	"		
25	1271950	<5	25	25	<0.5	5	<10	1	29	4	4	<10		700	"		

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A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

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ANALYTICAL DATA

SAMPLE PREFIX		REPORT NUMBER			REPORT DATE			CLIENT ORDER NO.			PAGE			
		999.28.08.04800			11/11/87			45095			7 OF 25			
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W	E	N
1	295551	25	50	95	<0.5	20	<10	15	145	6	5	<10	0	5400
2	295552	25	55	65	<0.5	15	<10	14	130	6	7	<10	25	"
3	295553	<5	5	15	<0.5	<5	<10	3	<10	<3	26	<10	6x9	
4	295554	10	5	125	<0.5	10	<10	5	219	6	5	<10	50	"
5	295555	10	25	80	<0.5	5	<10	7	276	<3	6	<10	75	"
6	295556	40	45	75	<0.5	10	<10	17	239	9	7	<10	100	"
7	295557	10	10	30	<0.5	5	<10	3	73	<3	4	<10	80	
8	295558	35	15	235	<0.5	50	<10	8	246	<3	10	<10	125	"
9	295559	<5	20	620	<0.5	50	<10	4	259	<3	6	<10	150	"
10	295560	<5	35	65	<0.5	10	<10	5	100	4	8	<10	175	"
11	295561	<5	15	65	<0.5	5	<10	3	144	<3	4	<10	200	"
12	295562	<5	15	45	<0.5	5	<10	4	111	<3	3	<10	225	"
13	295563	<5	5	15	<0.5	<5	<10	1	10	<3	50	<10	6x10	
14	295564	<5	5	55	<0.5	5	<10	2	183	<3	7	<10	250	"
15	295565	<5	5	65	<0.5	5	<10	1	271	<3	5	<10	275	"
16	295566	<5	200	55	<0.5	20	<10	3	223	<3	5	<10	300	"
17	295567	<5	45	35	0.5	<5	<10	4	185	3	5	<10	325	"
18	295568	<5	10	15	<0.5	<5	<10	1	<10	<3	637	<10	6x13	
19	295569	<5	15	85	<0.5	25	<10	5	87	<3	6	<10	350	"
20	295570	<5	15	60	<0.5	5	<10	3	95	<3	7	<10	375	"
21	295571	10	35	35	<0.5	5	<10	15	278	6	<3	<10	400	"
22	295572	<5	20	85	<0.5	20	<10	3	13	3	<3	<10	425	"
23	295573	<5	5	100	<0.5	40	<10	1	10	<3	3	<10	450	"
24	295574	<5	10	105	0.5	40	<10	1	12	8	6	<10	475	"
25	295575	<5	10	80	0.5	15	<10	2	<10	<3	5	<10	500	"

Results in ppm unless otherwise specified
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Results in ppm unless otherwise specified
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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER NO

REPORT NUMBER

REPORT DATE

CLIENT ORDER No

PAGE

		999 28 08 04800				11/11/87 45095				999 28 08 04800				11/11/87 45095				8 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N				
1	4295576	65	10	80	<0.5	10	<10	3	13	4	<3	<10		525	5200				
2	4295577	65	20	65	<0.5	10	<10	4	72	<3	4	<10		530	"				
3	4295578	65	25	60	<0.5	10	<10	16	100	5	8	<10		575	"				
4	4295579	60	30	110	<0.5	40	<10	9	113	<3	5	<10		600	"				
5	4295580	5	15	20	0.5	5	<10	5	<10	<3	161	<10	GX11						
6	4295581	65	45	95	0.5	35	<10	10	162	<3	7	<10		625	"				
7	4295582	65	40	65	<0.5	30	<10	11	198	<3	7	<10		680	"				
8	4295583	60	40	60	<0.5	30	<10	20	251	5	9	<10		675	"				
9	4295584	40	25	60	<0.5	40	<10	10	112	<3	6	<10		700	"				
10	4295585	70	<5	100	<0.5	55	<10	12	219	<3	10	<10		725	"				
11	4295586	65	20	70	<0.5	50	<10	13	77	<3	3	<10		750	"				
12	4295587	55	<5	95	<0.5	40	<10	12	239	<3	3	<10		775	"				
13	4295588	110	5	125	<0.5	80	<10	7	81	<3	<3	<10		800	"				
14	4295589	105	<5	80	<0.5	75	<10	8	44	<3	6	<10		825	"				
15	4295590	110	<5	110	<0.5	125	<10	5	<10	3	5	<10		850	"				
16	4295591	175	10	230	<0.5	260	<10	3	84	<3	5	<10		875	"				
17	4295592	125	<5	115	<0.5	130	<10	3	52	3	3	<10		900	"				
18	4295593	110	<5	70	<0.5	120	<10	4	<10	<3	<3	<10		925	"				
19	4295594	65	<5	60	<0.5	55	<10	1	54	<3	4	<10		950	"				
20	4295595	95	<5	60	<0.5	105	<10	4	60	<3	4	<10		975	"				
21	4295596	100	<5	70	<0.5	95	<10	7	<10	<3	5	<10		1000	"				
22	4295597	120	<5	75	<0.5	80	10	6	<10	3	4	<10		1025	"				
23	4295598	90	<5	70	<0.5	60	<10	5	11	3	10	<10		1050	"				
24	4295599	55	<5	100	0.5	65	<10	8	173	<3	<3	<10		1075	"				
25	4295600	30	<5	120	<0.5	65	<10	4	174	<3	5	<10		1100	"				

Results in ppm unless otherwise specified
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 - = not detected

unless otherwise specified
 sent; but concentration too low to measure
 - = element concentration is below detection limit
 - = not detected

AUTHORISED OFFICER

AUTHORISED OFFICER

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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER NOX

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

REPORT NUMBER

REPORT DATE

CLIENT ORDER NO

PAGE

		999, 28, 08, 04800				11/11/87		45095			999, 28, 08, 04800				11/11/87		45095			9 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N						
1	4295601	40	<5	100	0.5	55	<10	5	53	6	4	<10		1125	5400						
2	4295602	85	<5	75	<0.5	45	<10	7	58	25	5	<10		1150	"						
3	4295603	100	<5	80	0.5	70	<10	7	137	25	12	<10		1175	"						
4	4295604	160	<5	120	<0.5	90	<10	4	<10	<3	3	<10		1200	"						
5	4295605	110	<5	90	<0.5	60	<10	5	<10	<3	<3	<10		1225	"						
6	4295606	95	<5	115	<0.5	80	<10	4	27	<3	<3	<10		1250	"						
7	4295607	50	<5	80	<0.5	70	<10	4	177	<3	3	<10		1275	"						
8	4295608	100	<5	90	<0.5	65	<10	9	98	4	<3	<10		1300	"						
9	4295609	75	<5	60	<0.5	50	<10	5	31	<3	7	<10		1325	"						
10	4295610	75	<5	55	<0.5	45	<10	8	69	<3	5	<10		1350	"						
11	4295611	90	<5	65	0.5	45	<10	5	185	<3	4	<10		1375	"						
12	4295612	80	<5	65	<0.5	60	<10	5	23	<3	9	<10		1400	"						
13	4295613	105	<5	60	<0.5	65	<10	6	52	<3	5	<10		1425	"						
14	4295614	190	<5	55	<0.5	60	<10	11	75	5	<3	<10		600	5600						
15	4295615	70	<5	55	<0.5	45	<10	11	71	<3	7	<10		625	"						
16	4295616	75	30	50	<0.5	45	<10	14	70	<3	4	<10		650	"						
17	4295617	75	20	75	<0.5	45	<10	11	86	<3	8	<10		675	"						
18	4295618	105	<5	70	<0.5	60	<10	10	32	3	3	<10		700	"						
19	4295619	95	10	70	0.5	50	<10	12	<10	3	5	<10		725	"						
20	4295620	95	5	70	<0.5	70	<10	8	<10	<3	8	<10		750	"						
21	4295621	95	<5	60	<0.5	65	<10	6	52	<3	4	<10		775	"						
22	4295622	100	15	60	<0.5	60	<10	7	18	3	7	<10		800	"						
23	4295623	10	<5	15	<0.5	75	<10	7	70	3	4	<10	BL								
24	4295624	75	<5	60	<0.5	60	<10	7	10	<3	<3	<10		825	"						
25	4295625	110	<5	65	<0.5	60	<10	8	25	<3	<3	<10		850	"						

Results in ppm unless otherwise specified
 T - element present, but concentration too low to measure
 element concentration detected
 element not determined

unless otherwise specified
 sent, but concentration too low to measure
 AUTHORIZED concentration is below detection limit
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AUTHORIZED OFFICER

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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX		REPORT NUMBER			REPORT DATE			CLIENT ORDER No.			REPORT NUMBER		REPORT DATE		CLIENT ORDER No.		PAGE	
		999, 28, 0B, 04B00			11/11/87			45095			999, 28, 0B, 04B00		11/11/87		45095		10 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	M		E	N			
1	8295626	80	<5	85	<0.5	65	<10	4	68	<3	7	<10		875	5600			
2	8295627	80	<5	80	<0.5	75	<10	4	<10	<3	4	<10		900	"			
3	8295628	105	<5	110	<0.5	100	<10	5	<10	4	<3	<10		925	"			
4	8295629	80	<5	100	<0.5	70	<10	5	107	<3	5	<10		950	"			
5	8295630	75	<5	120	<0.5	65	<10	4	147	4	<3	<10		975	"			
6	8295631	55	5	65	<0.5	60	<10	4	19	4	5	<10		1000	"			
7	8295632	105	10	75	<0.5	65	<10	7	92	<3	7	<10		1025	"			
8	8295633	80	15	60	<0.5	45	<10	8	<10	<3	5	<10		1050	"			
9	8295634	90	<5	70	<0.5	60	<10	4	<10	<3	4	<10		1075	"			
10	8295635	85	10	85	<0.5	65	<10	4	<10	<3	4	<10		1100	"			
11	8295636	10	<5	15	<0.5	10	<10	2	<10	<3	28	<10	6x9					
12	8295637	80	5	70	<0.5	70	<10	3	30	<3	3	<10		1125	"			
13	8295638	120	10	60	<0.5	80	<10	4	92	<3	8	<10		1150	"			
14	8295639	105	5	70	<0.5	75	<10	4	97	<3	<3	<10		1175	"			
15	8295640	85	10	55	<0.5	70	<10	3	756	<3	4	<10		1200	"			
16	8295641	95	10	70	<0.5	60	<10	5	126	<3	3	<10		1225	"			
17	8295642	90	10	75	<0.5	60	<10	8	42	<3	5	<10		1250	"			
18	8295643	125	5	80	<0.5	135	<10	4	<10	<3	7	<10		1275	"			
19	8295644	105	5	75	<0.5	85	<10	4	<10	<3	6	<10		1295	"			
20	8295645	120	15	120	<0.5	120	<10	4	32	<3	<3	<10		812	5800			
21	8295646	125	5	180	<0.5	245	<10	3	74	<3	<3	<10		800	"			
22	8295647	140	15	180	<0.5	180	<10	4	129	<3	3	<10		775	"			
23	8295648	115	10	80	<0.5	125	<10	3	14	<3	<3	<10		750	"			
24	8295649	140	<5	95	<0.5	145	<10	3	338	<3	5	<10		725	"			
25	8295650	110	10	105	<0.5	120	<10	2	170	<3	5	<10		700	"			

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Results otherwise specified
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AUTHORISED OFFICE

AUTHORISED OFFICE

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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX REPORT NUMBER REPORT DATE CLIENT ORDER No. REPORT NUMBER REPORT DATE CLIENT ORDER No. PAGE

999, 2B, 0B, 04B00 11/11/87 45095 999, 2B, 0B, 04B00 11/11/87 45095 11 OF 25

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W	E	N
1	9295651	125	<5	105	<0.5	110	<10	2	<10	<3	<3	<10	675	5800
2	9295652	140	5	110	<0.5	120	<10	3	10	<3	13	<10	650	"
3	9295653	150	10	130	<0.5	130	<10	3	<10	<3	6	<10	625	"
4	9295654	85	20	80	<0.5	45	<10	6	58	<3	<3	<10	600	"
5	9295655	100	25	95	<0.5	55	<10	11	102	<3	4	<10	575	"
6	9295656	40	35	165	<0.5	70	<10	9	240	3	4	<10	530	"
7	9295657	110	35	140	<0.5	65	<10	11	76	<3	6	<10	525	"
8	9295658	25	15	85	<0.5	20	<10	5	466	<3	<3	<10	25W	"
9	9295659	50	15	70	<0.5	45	<10	12	305	<3	6	<10	0	"
10	9295660	75	15	100	<0.5	90	<10	12	143	<3	<3	<10	250G	"
11	9295661	80	25	100	<0.5	90	<10	8	217	<3	3	<10	90	"
12	9295662	50	25	60	<0.5	95	<10	7	32	<3	3	<10	75	"
13	9295663	40	10	35	<0.5	35	<10	5	105	<3	4	<10	100	"
14	9295664	50	15	45	<0.5	40	<10	6	246	<3	5	<10	125	"
15	9295665	45	10	55	<0.5	40	<10	7	243	<3	6	<10	150	"
16	9295666	55	20	75	<0.5	40	<10	9	302	<3	<3	<10	175	"
17	9295667	50	15	55	<0.5	30	<10	11	240	3	3	<10	200	"
18	9295668	30	<5	35	<0.5	25	<10	11	135	<3	<3	<10	225	"
19	9295669	40	5	40	<0.5	25	<10	17	79	<3	<3	<10	250	"
20	9295670	45	<5	50	<0.5	30	<10	7	74	<3	5	<10	275	"
21	9295671	45	10	55	<0.5	30	<10	6	69	<3	9	<10	300	"
22	9295672	45	20	50	<0.5	25	<10	5	65	<3	9	<10	325	"
23	9295673	35	10	50	<0.5	25	<10	4	40	3	<3	<10	350	"
24	9295674	45	10	45	<0.5	35	<10	5	75	<3	5	<10	375	"
25	9295675	55	15	70	<0.5	35	<10	5	107	<3	10	<10	400	"

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AUTHORISED OFFICER

AUTHORISED OFFICER

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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX		REPORT NUMBER	REPORT DATE	CLIENT ORDER No		REPORT NUMBER	REPORT DATE	CLIENT ORDER No		PAGE				
		979, 28, 08, 04800	11/11/87	45095		979, 28, 08, 04800	11/11/87	45095		12 OF 25				
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Hg	Sb	Sn	W	E	N
1	8295676	65	30	70	<0.5	40	<10	14	118	3	12	<10	425	5800
2	8295677	100	10	65	0.5	75	<10	16	92	<3	9	<10	450	"
3	8295678	70	20	90	<0.5	65	<10	14	164	<3	3	<10	475	"
4	8295679	100	25	95	<0.5	60	<10	10	179	<3	5	<10	500	"
5	8295680	10	<5	5	<0.5	10	<10	1	<10	<3	54	<10	6x10	
6	8295701	20	5	50	0.5	30	<10	6	79	4	<3	<10	725	4400
7	8295702	45	5	30	<0.5	40	<10	9	58	<3	<3	<10	750	"
8	8295703	25	<5	25	<0.5	30	<10	5	91	<3	4	<10	775	"
9	8295704	30	5	30	1.0	25	<10	6	97	<3	8	<10	800	"
10	8295705	35	<5	40	<0.5	30	<10	5	115	<3	8	<10	825	"
11	8295706	60	10	60	0.5	30	<10	8	120	<3	6	<10	850	"
12	8295707	60	5	50	<0.5	45	<10	7	125	<3	3	<10	875	"
13	8295708	40	15	40	<0.5	25	<10	14	217	<3	3	<10	900	"
14	8295709	75	10	40	<0.5	50	<10	10	154	<3	4	<10	925	"
15	8295710	40	<5	35	<0.5	30	<10	5	59	<3	6	<10	950	"
16	8295711	45	<5	35	<0.5	35	<10	4	146	<3	7	<10	975	"
17	8295712	145	<5	50	<0.5	85	<10	15	14	<3	5	<10	1000	"
18	8295713	115	15	55	<0.5	65	<10	14	17	<3	5	16	1025	"
19	8295714	120	5	60	<0.5	65	<10	10	<10	<3	3	<10	1050	"
20	8295715	135	10	85	<0.5	85	<10	12	74	4	8	<10	1075	"
21	8295716	130	5	110	<0.5	115	<10	4	52	<3	<3	<10	1100	"
22	8295717	153	10	130	<0.5	155	<10	3	114	<3	11	<10	1125	"
23	8295718	80	10	90	<0.5	90	<10	2	59	<3	<3	<10	1150	"
24	8295719	130	10	110	<0.5	135	<10	2	101	3	4	<10	1175	"
25	8295720	110	10	110	0.5	110	<10	4	105	<3	5	<10	1200	"

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unless otherwise specified
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AUTHORISED OFFICER

AUTHORISED OFFICER

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ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

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A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX REPORT NUMBER REPORT DATE CLIENT ORDER NoX REPORT NUMBER REPORT DATE CLIENT ORDER No. PAGE

		999, 28, 08, 04800				11/11/87		45095		999, 28, 08, 04800				11/11/87		45095		13 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W	E	N					
1	A295721	115	5	85	<0.5	70	<10	3	<10	<3	<3	<10	1225	4400					
2	A295722	135	<5	65	<0.5	90	<10	5	<10	<3	5	<10	1250	"					
3	A295723	105	10	70	<0.5	70	<10	3	37	<3	<3	<10	1270	"					
4	A295724	95	35	155	<0.5	75	<10	22	<10	<3	3	<10	375	4600					
5	A295725	20	<5	20	0.5	15	<10	3	85	<3	<3	<10	400	"					
6	A295726	10	<5	20	<0.5	15	<10	4	67	<3	5	<10	425	"					
7	A295727	10	5	15	<0.5	10	<10	2	96	<3	5	<10	450	"					
8	A295728	10	35	25	<0.5	20	<10	10	124	4	8	<10	475	"					
9	A295729	10	20	35	<0.5	25	<10	6	272	5	6	<10	500	"					
10	A295730	45	5	60	<0.5	45	<10	27	93	<3	<3	112	525	"					
11	A295731	40	10	70	<0.5	50	<10	12	102	<3	6	100	550	"					
12	A295732	70	100	145	<0.5	45	<10	12	117	<3	7	14	575	"					
13	A295733	80	90	140	<0.5	40	<10	14	124	<3	3	17	600	"					
14	A295734	35	60	80	<0.5	40	<10	9	208	<3	6	18	625	"					
15	A295735	80	40	80	0.5	60	<10	12	143	<3	5	<10	650	"					
16	A295736	60	15	80	<0.5	50	<10	9	198	<3	<3	16	675	"					
17	A295737	150	25	105	<0.5	65	<10	9	204	<3	8	10	700	"					
18	A295738	90	10	95	<0.5	55	<10	15	120	<3	5	<10	725	"					
19	A295739	35	20	60	<0.5	35	<10	8	147	<3	3	11	750	"					
20	A295740	60	5	55	<0.5	35	<10	10	67	<3	3	<10	775	"					
21	A295741	40	20	60	<0.5	35	<10	15	116	3	<3	<10	800	"					
22	A295742	60	20	50	<0.5	30	<10	16	11	<3	<3	<10	825	"					
23	A295743	30	30	75	0.5	20	<10	13	131	<3	4	<10	850	"					
24	A295744	60	15	80	0.5	40	<10	14	134	4	9	<10	875	"					
25	A295745	120	10	140	<0.5	90	<10	15	137	5	<3	<10	900	"					

Results in ppm unless otherwise specified
 T = element present; but concentration too low to measure
 X = element concentration is below detection limit
 - = element not determined

unless otherwise specified
 T = element present; but concentration too low to measure
 X = element concentration is below detection limit
 - = element not determined

AUTHORISED OFFICER

[Signature]

067

690608

ANALABS
A Division of Macdonald Hamilton & Co. Pty. Ltd.
ANALYTICAL DATA

ANALABS
A Division of Macdonald Hamilton & Co. Pty. Ltd.
ANALYTICAL DATA

SAMPLE PREFIX		REPORT NUMBER			REPORT DATE			CLIENT ORDER No.			PAGE			
		999, 28, 08, 04800			11/11/87			45075			14 OF 25			
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	So	M	E	N
1	4295746	130	15	80	<0.5	95	<10	4	62	<3	34	<10	925	4600
2	4295747	150	20	85	<0.5	75	<10	17	192	<3	13	<10	950	"
3	4295748	130	10	105	<0.5	100	<10	3	248	<3	24	<10	975	"
4	4295749	165	<5	100	<0.5	130	<10	3	<10	3	3	<10	1000	"
5	4295750	135	<5	95	0.5	130	<10	3	<10	<3	<3	<10	1025	"
6	4295752	115	10	70	<0.5	120	<10	4	408	<3	<3	<10	1050	"
7	4295753	95	5	70	<0.5	75	<10	5	*****	*****	*****	*****	1075	"
8	4295754	215	<5	65	<0.5	85	<10	4	54	<3	8	<10	1100	"
9	4295755	295	5	80	<0.5	105	<10	10	56	5	4	<10	1125	"
10	4295756	150	5	70	<0.5	85	<10	8	146	<3	8	<10	1150	"
11	4295757	10	<5	10	<0.5	5	<10	1	<10	<3	605	<10	Gx13	
12	4295758	95	5	70	<0.5	70	<10	5	21	<3	4	<10	1175	"
13	4295759	95	10	85	<0.5	70	<10	4	121	<3	16	<10	1200	"
14	4295760	95	10	105	<0.5	65	<10	5	155	<3	3	<10	1221	"
15	4295762	65	5	125	0.5	60	<10	7	212	<3	5	<10	376	4800
16	4295763	50	25	70	<0.5	35	<10	15	108	<3	11	<10	375	"
17	4295764	45	15	65	1.0	35	<10	11	114	7	7	<10	400	"
18	4295765	90	20	65	0.5	30	<10	8	189	<3	11	<10	425	"
19	4295766	50	5	55	<0.5	25	<10	8	115	<3	6	<10	450	"
20	4295767	35	10	40	0.5	20	<10	7	99	<3	12	<10	475	"
21	4295768	30	5	35	0.5	20	<10	14	60	<3	4	<10	500	"
22	4295769	45	5	55	<0.5	35	<10		195	<3	12	<10	525	"
23	4295770	285	5	90	<0.5	60	<10		62	<3	<3	<10	550	"
24	4295771	115	5	70	<0.5	75	<10		72	<3	3	<10	575	"
25	4295772	140	15	60	0.5	65	<10		130	<3	5	14	600	"

Results in ppm unless otherwise specified
T = element present; but concentration too low to measure
L = element concentration is below detection limit
- element not determined

unless otherwise specified
sent; but concentration too low to measure
concentration is below detection limit
date

AUTHORISED OFFICER

890

020608

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

SAMPLE PREFIX REPORT NUMBER REPORT DATE CLIENT ORDER No.

999, 28, 08, 04800 11/11/87 45095

ANALABS

A Division of Macdonald Hamilton & Co. Pty. Ltd.

ANALYTICAL DATA

REPORT NUMBER REPORT DATE CLIENT ORDER No. PAGE

999, 28, 08, 04800 11/11/87 45095 15 25

TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W	E	N
1	A295774	155	5	50	1.5	60	<10	8	152	<3	8	<10	625	4800
2	A295775	50	5	40	<0.5	30	<10	9	72	<3	7	<10	650	"
3	A295776	40	10	45	0.5	30	<10	8	113	<3	<3	<10	675	"
4	A295777	45	10	65	<0.5	35	10	9	184	<3	14	<10	700	"
5	A295778	35	10	45	0.5	30	<10	11	215	<3	<3	<10	725	"
6	A295779	45	15	65	1.5	30	<10	11	<10	3	5	13	750	"
7	A295780	60	10	90	0.5	50	<10	9	228	<5	11	<10	775	"
8	A295781	100	10	90	1.0	55	<10	5	143	<3	4	<10	800	"
9	A295782	120	10	90	0.5	65	<10	5	<10	<3	12	<10	825	"
10	A295783	100	10	90	<0.5	60	<10	5	60	<3	14	<10	850	"
11	A295784	115	10	80	0.5	65	<10	6	71	<3	<3	<10	875	"
12	A295785	75	15	90	<0.5	50	<10	7	106	<3	5	<10	900	"
13	A295786	80	30	130	<0.5	40	<10	9	69	<3	5	<10	925	"
14	A295787	95	5	70	1.0	90	<10	4	<10	4	<3	<10	950	"
15	A295788	95	10	70	0.5	95	<10	3	251	<3	<3	<10	975	"
16	A295789	100	20	65	<0.5	90	<10	7	<10	<3	6	<10	1000	"
17	A295790	125	10	120	<0.5	85	<10	5	68	<3	5	<10	1025	"
18	A295791	105	40	50	0.5	90	<10	5	<10	4	7	<10	1050	"
19	A295792	110	40	40	<0.5	95	<10	6	81	<3	3	<10	1075	"
20	A295793	150	40	40	0.5	75	<10	4	306	<3	5	<10	1100	"
21	A295794	105	35	50	<0.5	85	<10	5	<10	<3	5	<10	1125	"
22	A295795	100	35	45	0.5	65	<10	4	51	<3	<3	<10	1150	"
23	A295796	105	45	60	0.5	60	<10	4	78	<3	14	<10	1175	"
24	A295797	110	40	55	<0.5	70	<10	4	77	<3	<3	<10	1200	"
25	A295798	115	50	60	0.5	70	<10	10	46	<3	3	<10	1225	"

Results in ppm unless otherwise specified
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 - = not determined

Results in ppm unless otherwise specified
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 - = not determined

AUTHORISED OFFICER

AUTHORISED OFFICER

0890

ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER NO.

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

		999 28 08 04800				11/11/87		45095			999 28 08 04800				11/11/87		45095			16 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W	E	N							
1	3295799	5	25	<5	<0.5	15	<10	<1	70	<3	8	<10	BL								
2	3295800	<5	20	<5	0.5	10	<10	<1	<10	<3	1220	<10	6x11								
3	3320801	<5	<5	<5	0.5	10	<10	<1	<10	<3	6	<10		37	5000						
4	3320802	5	<5	<5	0.5	5	<10	<1	<10	<3	<3	<10		50	"						
5	3320803	5	10	<5	0.5	10	<10	1	15	<3	<3	<10		75	"						
6	3320804	115	15	15	0.5	15	<10	3	<10	<3	<3	<10		100	"						
7	3320805	5	10	<5	0.5	10	<10	<1	10	<3	<3	<10		125	"						
8	3320806	10	15	<5	0.5	25	<10	1	79	4	<3	<10		150	"						
9	3320807	10	30	<5	<0.5	15	10	4	<10	<3	6	<10		175	"						
10	3320808	5	30	<5	<0.5	15	20	2	34	<3	5	<10		200	"						
11	3320809	10	55	10	<0.5	10	<10	5	61	<3	26	<10		225	"						
12	3320810	10	105	10	<0.5	20	10	8	192	<3	7	<10		250	"						
13	3320811	40	45	25	<0.5	20	<10	6	110	<3	10	<10		275	"						
14	3320812	5	10	5	<0.5	5	10	<1	<10	<3	32	17	6x9								
15	3320813	55	30	40	<0.5	25	<10	5	114	<3	5	<10		300	"						
16	3320814	60	35	40	<0.5	30	20	10	188	3	9	<10		325	"						
17	3320815	60	40	40	<0.5	25	<10	5	53	<3	8	<10		350	"						
18	3320816	50	25	50	0.5	30	10	2	184	<3	5	<10		375	"						
19	3320817	40	30	45	<0.5	25	<10	4	130	<3	6	<10		400	"						
20	3320818	60	30	40	<0.5	35	<10	4	<10	<3	6	<10		425	"						
21	3320819	35	40	35	<0.5	30	<10	3	100	<3	12	<10		450	"						
22	3320820	35	30	45	<0.5	30	<10	4	79	<3	18	<10		475	"						
23	3320821	40	30	35	<0.5	30	<10	3	97	<3	10	<10		500	"						
24	3320822	45	30	30	<0.5	30	<10	5	99	<3	5	<10		525	"						
25	3320823	100	30	40	<0.5	45	<10	7	84	<3	6	<10		550	"						

Results in ppm unless otherwise specified
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 - = element not determined

Results in ppm unless otherwise specified
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AUTHORISED OFFICER 

070

809071

ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER NO.

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

		999.28.08.04800				11/11/87				45095				999.28.08.04800				11/11/87				45095				17 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	M		E	N												
1	3320824	100	40	95	<0.5	90	<10	2.15	440	33	5	<10		575	5000												
2	3320825	60	30	70	<0.5	50	10	2.14	124	<3	10	<10		600	"												
3	3320826	75	50	70	<0.5	45	20	1.13	137	<3	3	<10		625	"												
4	3320827	70	45	75	<0.5	45	10	1.16	288	5	11	<10		650	"												
5	3320828	45	50	65	<0.5	30	<10	1.15	141	<3	5	<10		675	"												
6	3320829	65	355	550	1.0	25	20	1.28	167	6	7	20		700	"												
7	3320830	30	30	30	<0.5	25	20	9	126	3	5	<10		725	"												
8	3320831	35	30	35	<0.5	20	<10	9	79	<3	8	<10		750	"												
9	3320832	70	30	40	<0.5	45	10	5	38	<3	4	<10		775	"												
10	3320833	95	30	50	<0.5	65	10	3	13	<3	<3	<10		800	"												
11	3320834	130	40	50	<0.5	85	<10	8	77	<3	4	<10		825	"												
12	3320835	90	45	60	<0.5	65	<10	4	66	<3	<3	<10		850	"												
13	3320836	105	35	50	<0.5	65	<10	4	10	<3	6	<10		875	"												
14	3320837	100	25	60	<0.5	85	<10	6	68	<3	3	<10		900	"												
15	3320838	95	40	200	0.5	85	<10	7	101	<3	4	<10		925	"												
16	3320839	90	40	140	<0.5	85	<10	6	72	<3	8	<10		950	"												
17	3320840	90	45	115	<0.5	65	<10	10	185	7	<3	<10		975	"												
18	3320841	170	30	215	1.0	130	<10	4	83	<3	8	<10		1000	"												
19	3320842	10	10	30	<0.5	20	<10	1	58	<3	<3	<10	BL														
20	3320843	110	20	90	0.5	100	<10	5	157	<3	8	<10		1025	"												
21	3320844	110	30	85	<0.5	115	<10	5	75	<3	8	<10		1050	"												
22	3320845	95	30	90	<0.5	70	<10	3	113	<3	8	<10		1075	"												
23	3320846	100	25	95	0.5	95	<10	4	10	<3	7	<10		1100	"												
24	3320847	105	25	70	<0.5	70	<10	4	92	<3	6	<10		1125	"												
25	3320848	100	30	80	<0.5	80	<10	2	41	<3	<3	<10		1150	"												

Results in ppm unless otherwise specified
 T = element present, but concentration too low to measure
 X = element concentration is below detection limit
 - = element not determined

Unless otherwise specified
 sent; but concentration too low to measure
 AUTHORIZED OFFICER (signature)
 concentration is below detection limit
 determined

AUTHORIZED OFFICER (signature)

1701

809072

ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX REPORT NUMBER REPORT DATE CLIENT ORDER NO. REPORT NUMBER REPORT DATE CLIENT ORDER No. PAGE

		999, 28, 08, 04800				11/11/87		45075			999, 28, 08, 04800				11/11/87		45075		18 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Se	W			E	N				
1	3320849	85	25	70	0.5	100	<10	1	40	<3	<3	<10			1175	5000				
2	3320850	110	35	70	<0.5	70	<10	4	225	<3	9	<10			1200	"				
3	3320851	65	35	60	<0.5	70	<10	1	94	<3	7	<10			1225	"				
4	3320852	15	20	15	0.5	10	<10	2	10	<3	165	<10		Gx11						
5	3320853	95	30	55	<0.5	75	<10	2	57	<3	5	<10			1250	"				
6	3320854	90	25	70	<0.5	80	<10	3	48	<3	<3	<10			1275	"				
7	3320855	85	30	60	<0.5	70	<10	2	54	<3	3	<10			1300	"				
8	3320856	75	35	65	<0.5	60	<10	2	183	<3	5	<10			1325	"				
9	3320857	105	30	110	<0.5	65	<10	3	149	<3	4	<10			1350	"				
10	3320858	90	30	70	<0.5	55	<10	2	134	<3	<3	<10			1375	"				
11	3320859	15	30	20	0.5	20	<10	<1	81	<3	4	<10			0	5200				
12	3320860	10	35	25	<0.5	15	<10	1	111	<3	<3	<10			25	"				
13	3320861	5	25	20	<0.5	15	<10	<1	78	<3	6	<10			50	"				
14	3320862	10	25	25	0.5	10	<10	<1	82	<3	<3	<10			75	"				
15	3320863	10	55	20	<0.5	10	<10	<1	98	<3	5	<10			100	"				
16	3320864	20	3500	40	<0.5	25	<10	1	58	342	11	7	<10		125	"				
17	3320865	10	40	20	<0.5	10	<10	<1	69	<3	5	<10			150	"				
18	3320866	10	50	20	<0.5	10	<10	<1	151	<3	3	6	<10		175	"				
19	3320867	15	25	35	<0.5	10	<10	<1	27	<3	11	<10			200	"				
20	3320868	10	15	25	<0.5	20	<10	6	231	<3	3	6	<10		225	"				
21	3320869	10	35	25	<0.5	10	<10	<1	146	<3	9	<10			250	"				
22	3320870	10	25	305	0.5	5	<10	<1	137	<3	3	<3	<10		275	"				
23	3320871	20	105	45	<0.5	15	<10	7	72	<3	5	<10			300	"				
24	3320872	30	60	80	<0.5	25	<10	14	30	<3	<3	10			325	"				
25	3320873	10	25	30	0.5	15	<10	1	39	<3	<3	<10			350	"				

Results in ppm unless otherwise specified
 T = element present; but concentration too low to measure
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 - = element not determined

Unless otherwise specified
 sent; but concentration too low to measure
 concentration is below detection limit
 AUTHORIZED OFFICER

AUTHORIZED OFFICER

072

809073

ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX		REPORT NUMBER			REPORT DATE			CLIENT ORDER NO.			REPORT NUMBER		REPORT DATE			CLIENT ORDER NO.			PAGE	
		997.2B.0B.04B00			11/11/87			45095			997.2B.0B.04B00		11/11/87			45095			19 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N					
1	A320874	20	25	25	<0.5	15	<10	3	26	<3	5	<10		375	5200					
2	A320875	10	20	20	<0.5	15	<10	1	64	<3	25	<10		400	"					
3	A320876	30	40	30	<0.5	20	<10	17	22	<3	7	<10		425	"					
4	A320877	35	35	30	0.5	25	<10	8	23	<3	3	<10		450	"					
5	A320878	25	30	35	0.5	10	<10	8	39	<3	5	<10		475	"					
6	A320879	25	55	20	0.5	15	<10	15	100	<3	6	<10		500	"					
7	A320880	50	45	55	<0.5	70	<10	25	163	<3	4	15		525	"					
8	A320881	110	45	100	<0.5	55	<10	18	187	<3	11	<10		550	"					
9	A320882	115	45	110	<0.5	50	<10	16	202	<3	5	11		575	"					
10	A320883	80	20	30	<0.5	85	<10	11	166	<3	11	<10		600	"					
11	A320884	50	30	75	0.5	50	20	15	197	<3	4	<10		625	"					
12	A320885	70	30	70	<0.5	50	10	11	191	<3	5	<10		650	"					
13	A320886	100	35	110	<0.5	90	10	14	181	<3	7	<10		675	"					
14	A320887	120	50	115	<0.5	80	<10	18	142	<3	<3	<10		700	"					
15	A320888	70	40	80	<0.5	55	<10	20	156	<3	7	<10		725	"					
16	A320889	40	45	135	<0.5	75	<10	19	212	<3	5	10		750	"					
17	A320890	140	30	100	<0.5	110	<10	5	72	<3	7	<10		775	"					
18	A320891	135	20	95	<0.5	95	20	5	72	<3	5	<10		800	"					
19	A320892	110	15	75	<0.5	65	20	4	71	<3	3	<10		825	"					
20	A320893	115	30	85	<0.5	75	30	6	65	<3	7	<10		850	"					
21	A320894	130	55	100	<0.5	105	10	6	26	<3	5	<10		875	"					
22	A320895	120	20	85	<0.5	120	10	4	25	<3	<3	<10		900	"					
23	A320896	120	35	75	<0.5	125	20	5	62	<3	4	<10		925	"					
24	A320897	95	10	55	<0.5	120	<10	5	20	<3	5	<10		950	"					
25	A320898	95	40	70	<0.5	120	<10	3	31	<3	<3	<10		975	"					

Results in ppm unless otherwise specified
 T = element present; but concentration too low to measure
 X = element concentration is below detection limit
 -- = element not determined

unless otherwise specified
 sent; but concentration too low to measure
 concentration is below detection limit
 OFFICER: [Signature]

AUTHORISED OFFICER [Signature]

073

809074

ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX		REPORT NUMBER			REPORT DATE			CLIENT ORDER No			REPORT NUMBER		REPORT DATE			CLIENT ORDER No			PAGE	
		999.28.08.04800			11/11/87			45095			999.28.08.04800		11/11/87			45095			OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N					
1	8320897	85	20	50	<0.5	50	<10	5	102	<3	4	<10		1000	5200					
2	8320900	15	<5	10	0.5	10	<10	3	<10	<3	191	<10	Gx11							
3	8320901	65	20	45	<0.5	70	<10	5	30	<3	10	<10		1025	"					
4	8320902	95	20	80	<0.5	80	<10	4	56	<3	7	<10		1050	"					
5	8320903	75	20	55	<0.5	80	10	2	67	<3	4	<10		1075	"					
6	8320904	90	30	65	<0.5	85	<10	4	32	<3	8	<10		1100	"					
7	8320905	135	20	125	<0.5	105	<10	4	35	<3	5	<10		1125	"					
8	8320906	100	25	65	<0.5	95	20	3	43	<3	3	<10		1150	"					
9	8320907	70	20	50	<0.5	75	<10	3	44	<3	6	<10		1175	"					
10	8320908	50	15	40	<0.5	55	<10	2	62	<3	8	<10		1200	"					
11	8320909	70	20	60	<0.5	70	20	8	82	<3	4	<10		1225	"					
12	8320910	100	25	60	<0.5	80	10	10	35	<3	<3	10		1250	"					
13	8320911	100	30	50	<0.5	70	20	10	67	<3	8	<10		1275	"					
14	8320912	70	20	45	<0.5	55	20	10	33	<3	8	<10		1300	"					
15	8320913	70	20	40	<0.5	50	<10	7	39	<3	<3	<10		1325	"					
16	8320914	70	25	55	<0.5	55	10	6	<10	<3	8	<10		1350	"					
17	8320915	95	25	65	<0.5	70	<10	7	41	<3	9	<10		1303	"					
18	8320916	90	45	70	<0.5	80	10	4	51	<3	6	<10		681	6000					
19	8320918	90	35	65	<0.5	90	20	4	112	3	7	<10		650	"					
20	8320919	100	40	75	<0.5	95	<10	4	<10	<3	81	<10		625	"					
21	8320920	10	5	10	0.5	5	<10	<1	<10	<3	51	11	Gx10							
22	8320921	100	25	65	<0.5	95	<10	3	49	<3	8	<10		600	"					
23	8320922	120	30	70	<0.5	105	20	5	21	<3	8	<10		575	"					
24	8320923	125	30	75	<0.5	120	10	5	30	<3	8	<10		530	"					
25	8320924	115	40	120	<0.5	105	20	5	81	<3	<3	<10		525	"					

Results in ppm unless otherwise specified
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unless otherwise specified
 present; but concentration too low to measure
 AUTHORIZED OFFICER
 concentration is below detection limit
 OFFICER it determined

AUTHORIZED OFFICER

[Signature]

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ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX		REPORT NUMBER			REPORT DATE			CLIENT ORDER No.			PAGE			
		999.28.08.04800			11/11/87			45095			OF 21 25			
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W	E	N
1	A320925	45	25	50	<0.5	95	<10	2	208	<3	5	<10	500	6000
2	A320926	150	30	125	<0.5	140	10	4	84	<3	4	<10	475	"
3	A320927	145	65	170	<0.5	130	<10	1	75	<3	7	<10	450	"
4	A320928	125	35	120	<0.5	105	20	2	107	<3	<3	<10	425	"
5	A320929	135	90	115	<0.5	90	<10	11	81	<3	8	<10	400	"
6	A320930	5	<5	15	<0.5	15	<10	2	61	<3	7	<10	BL	Ø
7	A320931	113	50	115	<0.5	90	<10	9	35	<3	4	<10	375	"
8	A320932	105	40	145	<0.5	80	<10	7	93	<3	3	<10	350	"
9	A320933	95	35	145	<0.5	135	<10	12	165	<3	4	<10	325	"
10	A320934	25	10	50	<0.5	40	<10	7	220	<3	6	<10	300	"
11	A320935	15	10	30	<0.5	25	<10	7	230	3	10	<10	275	"
12	A320936	15	10	35	<0.5	30	<10	6	236	<3	7	<10	250	"
13	A320937	90	15	90	<0.5	80	<10	6	269	<3	5	<10	225	"
14	A320938	70	10	105	<0.5	90	<10	5	194	<3	11	<10	200	"
15	A320939	60	15	80	0.5	75	<10	5	110	<3	3	<10	175	"
16	A320940	20	5	95	0.5	80	<10	3	89	<3	<3	<10	150	"
17	A320941	55	20	75	<0.5	70	<10	5	101	<3	8	<10	125	"
18	A320942	75	20	70	<0.5	70	<10	6	57	<3	3	<10	100	"
19	A320943	75	10	70	<0.5	80	<10	10	166	<3	9	<10	75	"
20	A320944	55	15	40	<0.5	55	<10	10	139	<3	9	<10	50	"
21	A320945	70	10	55	<0.5	60	<10	8	95	<3	4	<10	25	"
22	A320946	55	10	45	<0.5	55	<10	5	14	<3	11	<10	0	"
23	A320947	15	10	25	<0.5	50	<10	6	189	<3	6	<10	25W	"
24	A320948	10	<5	10	<0.5	15	<10	2	10	<3	639	<10	GX13	"
25	A320949	10	<5	15	<0.5	20	<10	2	<10	<3	6	<10	BL	"

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AUTHORISED OFFICER

AUTHORISED OFFICER

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ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX		REPORT NUMBER		REPORT DATE		CLIENT ORDER NO.		REPORT NUMBER		REPORT DATE		CLIENT ORDER NO.		PAGE	
		999, 28, 08, 04800		11/11/87		45095		999, 28, 08, 04800		11/11/87		45095		22 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N
1	A320950	10	<5	10	0.5	25	<10	5	17	<3	170	<10		0.11	
2	A320951	60	10	70	<0.5	80	<10	8	159	<3	6	<10		575	5600
3	A320952	55	<5	60	<0.5	70	<10	8	105	<3	3	<10		530	"
4	A320953	60	35	50	<0.5	70	<10	10	47	<3	5	<10		525	"
5	A320954	85	25	75	<0.5	85	20	7	35	<3	7	<10		500	"
6	A320955	60	20	75	<0.5	75	<10	5	43	<3	2	<10		475	"
7	A320956	70	10	80	<0.5	70	<10	6	85	<3	10	<10		450	"
8	A320957	205	10	75	<0.5	65	<10	5	138	<3	10	<10		425	"
9	A320958	65	10	65	<0.5	50	<10	4	66	<3	8	<10		400	"
10	A320959	20	5	35	<0.5	30	<10	4	212	<3	5	<10		375	"
11	A320960	10	<5	10	0.5	10	<10	2	12	<3	1260	<10		Gx14	
12	A320961	20	15	25	<0.5	25	<10	6	214	<3	4	<10		350	"
13	A320962	30	25	25	<0.5	40	<10	7	189	<3	2	<10		325	"
14	A320963	25	25	20	<0.5	40	<10	11	178	<3	8	<10		300	"
15	A320964	35	25	75	<0.5	45	<10	7	59	<3	<3	<10		275	"
16	A320965	60	70	30	<0.5	45	<10	28	109	<3	10	<10		250	"
17	A320966	50	60	25	<0.5	35	<10	14	106	<3	5	<10		225	"
18	A320967	35	35	30	<0.5	35	<10	11	20	<3	6	<10		200	"
19	A320968	30	35	25	<0.5	35	<10	2	68	<3	4	<10		175	"
20	A320969	40	20	35	<0.5	30	<10	8	53	<3	5	<10		150	"
21	A320970	15	50	20	<0.5	30	<10	8	32	<3	6	<10		125	"
22	A320971	15	15	15	<0.5	15	<10	7	91	<3	5	<10		100	"
23	A320972	15	25	20	0.5	45	<10	11	100	<3	2	<10		75	"
24	A320973	30	30	30	<0.5	40	<10	15	100	<3	5	<10		50	"
25	A320974	30	55	30	<0.5	35	<10	18	100	<3	8	<10		25	"

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AUTHORISED OFFICER

AUTHORISED OFFICER

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ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX REPORT NUMBER REPORT DATE CLIENT ORDER No. REPORT NUMBER REPORT DATE CLIENT ORDER No. PAGE

		999, 28, 08, 04800					11/11/87		45095			999, 28, 08, 04800					11/11/87		45095			23 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	M	E	N									
1	A320975	20	10	30	<0.5	25	<10	13	177	<3	9	<10	0	5600									
2	A320976	15	20	20	0.5	30	<10	4	208	<3	<3	<10	25W										
3	A320977	15	10	15	<0.5	15	<10	2	277	<3	5	<10	50W										
4	A320978	5	<5	15	<0.5	15	<10	<1	79	<3	7	<10	BL										
5	A320979	10	10	15	<0.5	10	<10	4	<10	<3	174	<10	6x11										
6	A320980	790	3900	3650	680.0	60	60	440	1040	98	2160	96	6x26										
7	A321001	10	15	20	0.5	20	<10	1	117	<3	6	<10	600	4425									
8	A321002	10	55	10	<0.5	10	<10	1	78	<3	4	<10	"	4650									
9	A321003	10	40	15	1.0	10	<10	1	39	<3	5	<10	"	4475									
10	A321004	10	25	15	<0.5	10	<10	2	123	<3	6	<10	"	4500									
11	A321005	10	10	15	0.5	15	<10	2	109	<3	7	<10	"	4525									
12	A321006	15	30	30	<0.5	30	<10	1	302	4	5	<10	"	4550									
13	A321007	40	30	100	0.5	65	<10	11	475	<3	7	<10	"	4575									
14	A321008	50	25	55	0.5	50	<10	10	113	<3	7	<10	"	4625									
15	A321009	35	25	45	<0.5	45	<10	10	134	<3	10	<10	"	4650									
16	A321010	75	20	70	<0.5	65	<10	12	150	3	4	<10	"	4675									
17	A321011	40	30	50	<0.5	45	<10	9	155	<3	7	<10	"	4700									
18	A321012	135	20	85	<0.5	80	<10	7	158	<3	<3	<10	"	4725									
19	A321013	215	25	95	<0.5	105	10	9	80	<3	10	<10	"	4750									
20	A321014	120	15	65	<0.5	80	<10	8	156	<3	5	<10	"	4775									
21	A321015	135	20	50	<0.5	70	<10	6	112	<3	4	<10	"	4825									
22	A321016	70	25	40	<0.5	55	<10	9	150	<3	6	<10	"	4850									
23	A321017	70	30	45	<0.5	40	<10	3	42	<3	5	<10	"	4875									
24	A321018	60	20	50	<0.5	40	<10	11	84	<3	7	<10	"	4900									
25	A321019	50	20	45	0.5	40	10	11	74	4	6	<10	"	4925									

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AUTHORISED OFFICER 

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ANALYTICAL DATA

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER NO.

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

		999.28.08.04800				11/11/87				45095				999.28.08.04800				11/11/87				45095				24 OF 25	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N												
1	A321020	75	20	85	<0.5	75	<10	7	181	<3	<3	<10		600	4970												
2	A321021	50	25	70	<0.5	80	<10	8	195	<3	7	<10		"	4975												
3	A321022	60	25	75	1.0	75	20	9	258	<3	5	<10		"	5025												
4	A321023	45	15	60	<0.5	45	<10	14	225	<3	4	<10		"	5050												
5	A321024	5	<5	10	1.0	15	<10	4	<10	<3	170	10	6x11														
6	A321025	35	15	40	1.0	35	<10	14	115	<3	6	<10		"	5100												
7	A321026	55	20	60	<0.5	55	<10	9	94	<3	7	<10		"	5125												
8	A321027	50	25	60	<0.5	45	<10	7	157	<3	5	<10		"	5150												
9	A321028	50	25	95	<0.5	45	<10	11	198	<3	7	<10		"	5175												
10	A321029	55	20	50	<0.5	50	20	9	193	<3	<3	<10		"	5200												
11	A321070	60	25	70	<0.5	45	<10	6	58	<3	3	<10		"	5225												
12	A321071	55	20	75	0.5	45	<10	6	81	<3	4	<10		"	5250												
13	A321072	45	20	50	<0.5	45	10	11	115	<3	6	11		"	5275												
14	A321073	55	20	55	<0.5	55	<10	20	122	<3	11	<10		"	5300												
15	A321074	30	30	35	<0.5	45	<10	9	86	<3	6	<10		"	5325												
16	A321075	50	30	70	0.5	60	<10	7	92	<3	9	<10		"	5350												
17	A321076	30	20	40	<0.5	45	10	8	113	<3	11	<10		"	5375												
18	A321077	50	25	47	<0.5	60	<10	9	97	<3	5	<10		"	5425												
19	A321078	30	15	50	<0.5	40	<10	5	68	<3	3	<10		"	5450												
20	A321079	35	20	40	<0.5	45	<10	8	88	<3	8	<10		"	5475												
21	A321080	55	25	40	<0.5	40	<10	14	71	3	7	<10		"	5500												
22	A321081	45	20	25	<0.5	45	20	14	137	<3	4	<10		"	5525												
23	A321082	40	20	45	<0.5	55	<10	8	141	<3	9	<10		"	5550												
24	A321083	45	10	50	<0.5	60	<10	8	70	<3	3	<10		"	5575												
25	A321084	70	10	45	<0.5	55	<10	10	132	<3	7	<10		"	5625												

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AUTHORISED OFFICER

[Signature]

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ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER NO.

ANALYTICAL DATA

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

		999, 2B, 0B, 04B00						11/11/87		45095		999, 2B, 0B, 04B00						11/11/87		45095		OF	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Ag	Ni	Bi	As	Ba	Sb	Sn	W		E	N			25	25				
1	A321085	70	25	50	<0.5	55	<10	16	185	<3	8	<10		600	5650								
2	A321086	70	25	50	<0.5	50	<10	21	245	<3	8	<10		"	5675								
3	A321087	75	25	60	<0.5	65	<10	18	174	<3	<3	<10		"	5700								
4	A321088	100	20	65	<0.5	65	<10	14	177	<3	6	<10		"	5725								
5	A321089	95	20	80	<0.5	65	<10	14	194	<3	4	<10		"	5750								
6	A321090	80	25	75	<0.5	55	<10	16	138	<3	9	<10		"	5775								
7	A321091	10	15	20	<0.5	30	<10	12	<10	<3	388	<10	Gx12A										
8	A321092	130	25	150	<0.5	150	<10	8	162	<3	4	13		"	5882								
9	A321093	155	15	140	<0.5	140	<10	7	139	<3	5	<10		"	5875								
10	A321094	160	35	140	<0.5	145	<10	5	42	<3	5	<10		"	5900								
11	A321095	125	10	75	<0.5	120	<10	8	62	<3	4	<10		"	5925								
12	A321096	70	20	50	<0.5	100	<10	4	53	<3	6	<10		"	5950								
13	A321097	105	40	65	<0.5	110	<10	5	39	<3	<3	<10		"	5975								
14	A321098	5	<5	10	<0.5	15	<10	1	64	<3	<3	<10	BL										
15	A321099	5	<5	10	<0.5	15	<10	3	<10	<3	90	<10	Gx12										
16	A321100	10	<5	10	<0.5	15	<10	4	<10	<3	185	<10	Gx11										
17																							
18																							
19																							
20																							
21																							
22																							
23	DETECTION	5	5	5	0.5	5	10	1	10	3	5	10											
24	UNITS	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM											
25	METHOD	101	101	101	101	101	101	111	101	101	101	101											

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Results in ppm unless otherwise specified
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 AUTHORISED OFFICER

AUTHORISED OFFICER

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PROJECT 7611

CSR LIMITED
MINERALS EXPLORATION AND DEVELOPMENT GROUP

RENEWAL REPORT, 1987
EXPLORATION LICENCE NO. 25/85
PARSONS HOOD, TASMANIA
VOLUME II EMR 8/88

88-2781

MINES	
File Ref.	EL 25/85
29 FEB 1988	
Doc. Ref.	
Action Officer	Initials
LETTER	
23. 2. '88	
REFERS	
Resubmit to	Date

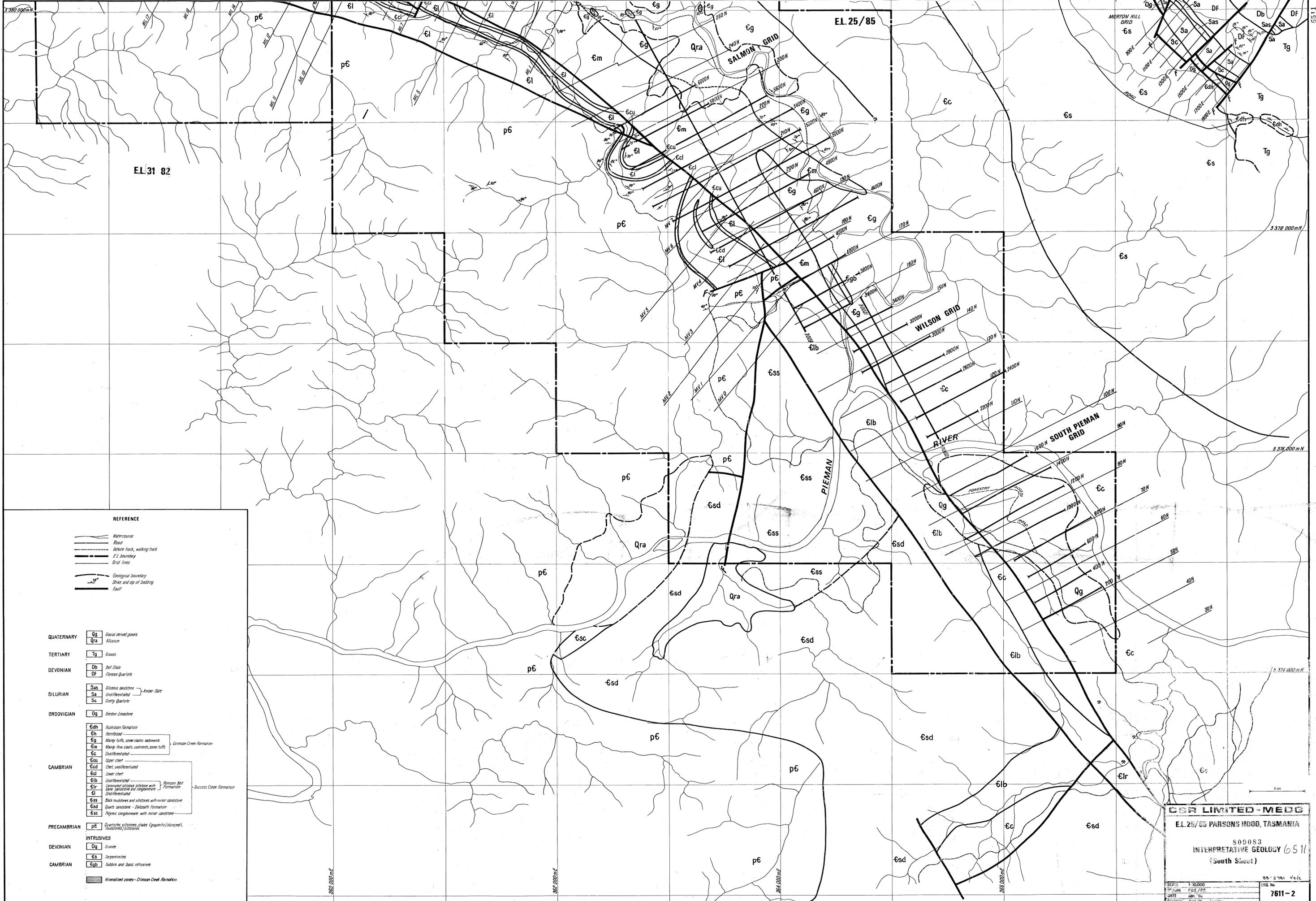


OPEN FILE

HOBART

P.O. ELLIS

OCTOBER 1987



REFERENCE

- Watercourse
- Road
- Vehicle track, walking track
- EL boundary
- Grid lines
- Geological boundary
- Strike and dip of bedding
- Fault

QUATERNARY

- Qg Glacial derived gravels
- Qra Alluvium

TERTIARY

- Tg Gravels

DEVONIAN

- Db Bell Shale
- DF Florence Quartzite

SILURIAN

- Sas Siliceous sandstone - Amber Silt
- Sa Undifferentiated
- Sc Crilly Quartzite

ORDOVICIAN

- Og Gordon Limestone

CAMBRIAN

- Edh Hukskion Formation
- Edh Hukskion Formation
- Edg Many luffs, some clastic sediments
- Edm Many fine clastic sediments, some luffs - Grimston Creek Formation
- Edc Undifferentiated
- Edcu Upper chert
- Edcd Chert, undifferentiated
- Edcl Lower chert
- Edlb Undifferentiated - Pieman Bell Formation
- Edlr Laminated siliceous siltstone with some sandstone and argillaceous - Success Creek Formation
- Edi Undifferentiated
- Edss Black mudstones and siltstones with minor sandstone
- Eds Quartz sandstone - Dalcaith Formation
- Edsc Polymic conglomerate with minor sandstone

PRECAMBRIAN

- p6 Quartzites, siltstones, shales (graphitic clumped), mudstones, siltstones

INTRUSIVES

- Dg Granite
- Es Serpentinites
- Egb Gabbro and basic intrusives

CAMBRIAN

- Mineralized zones - Grimston Creek Formation

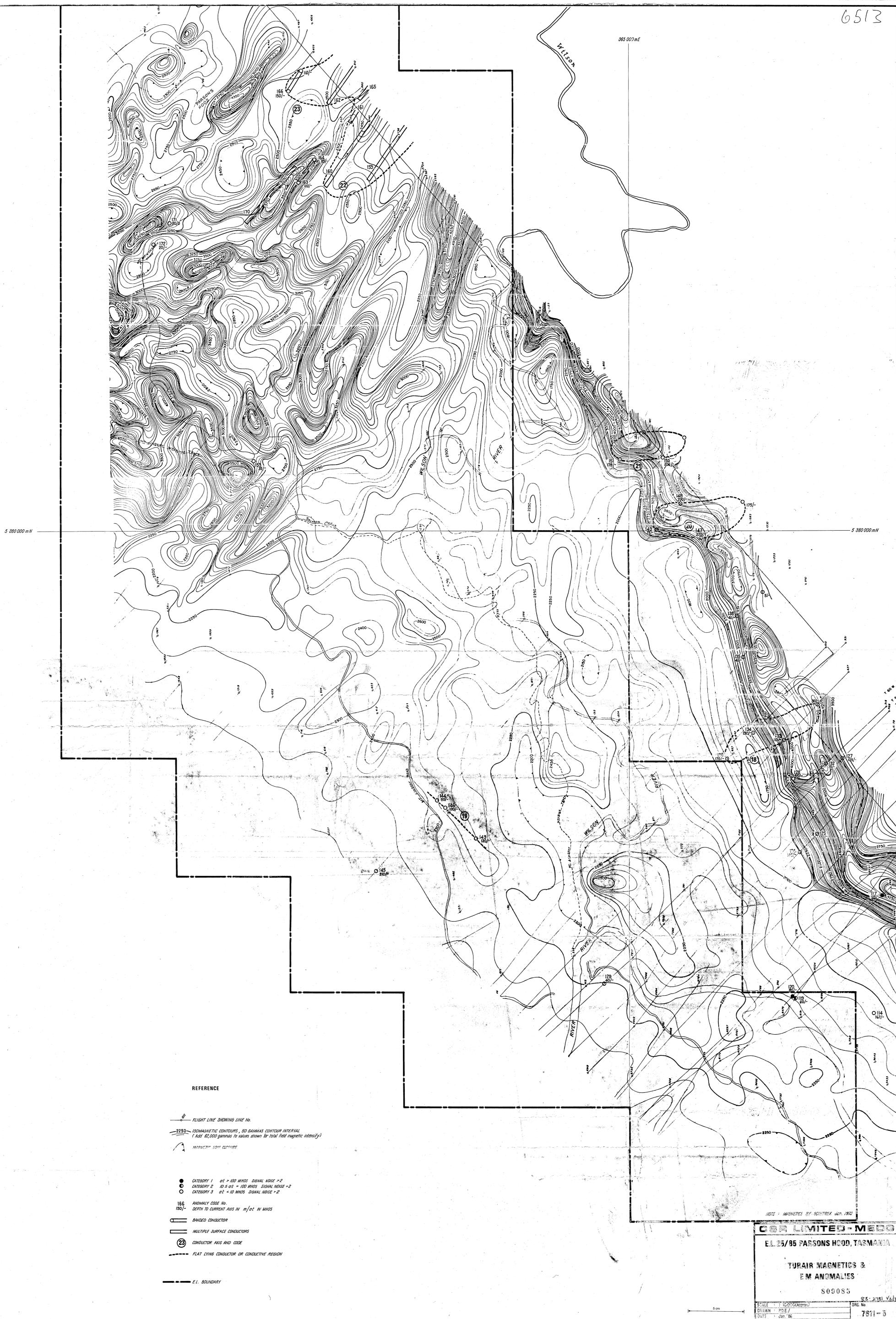
CSR LIMITED - MEDCO

EL. 25/85 PARSONS HOOD, TASMANIA

S09083
INTERPRETATIVE GEOLOGY 6511
(South Sheet)

SCALE 1:10,000
DATE 1981
REVISED 1982

6511-2



- REFERENCE**
- FLIGHT LINE SHOWING LINE No.
 - ISOMAGNETIC CONTOURS, 50 GAMMAS CONTOUR INTERVAL
(Add 82,000 gammas to values shown for total field magnetic intensity)
 - MAGNETIC DECLINATION
 - ANOMALY CODE No.
166 DEPTH TO CURRENT AXIS IN m/at IN MHGS
 - BANDED CONDUCTOR
 - MULTIPLE SURFACE CONDUCTORS
 - CONDUCTOR AXIS AND CODE
 - FLAT LYING CONDUCTOR OR CONDUCTIVE REGION
 - E.L. BOUNDARY

NOTE: MAGNETICS BY SCINTREX JAN. 1985

CSB LIMITED - MEO

EL 25/85 PARSONS HOOD, TASMANIA

TURAIR MAGNETICS & EM ANOMALIES

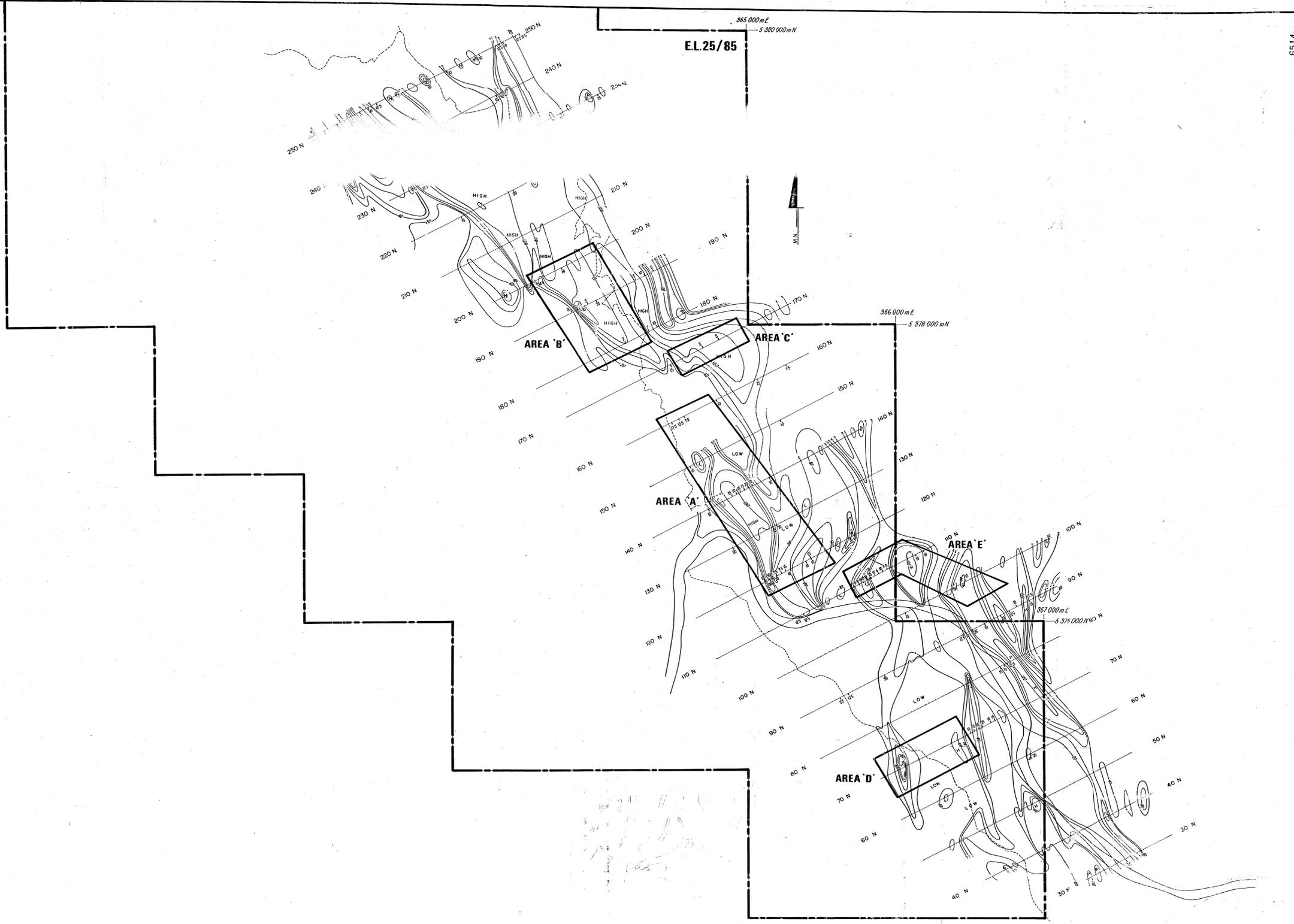
800085

SCALE: 1:10000 (Approx) DRG No. 7511-5

DRAWN: PDE/ DATE: 14th/06/86

REVISED:

6513



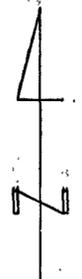
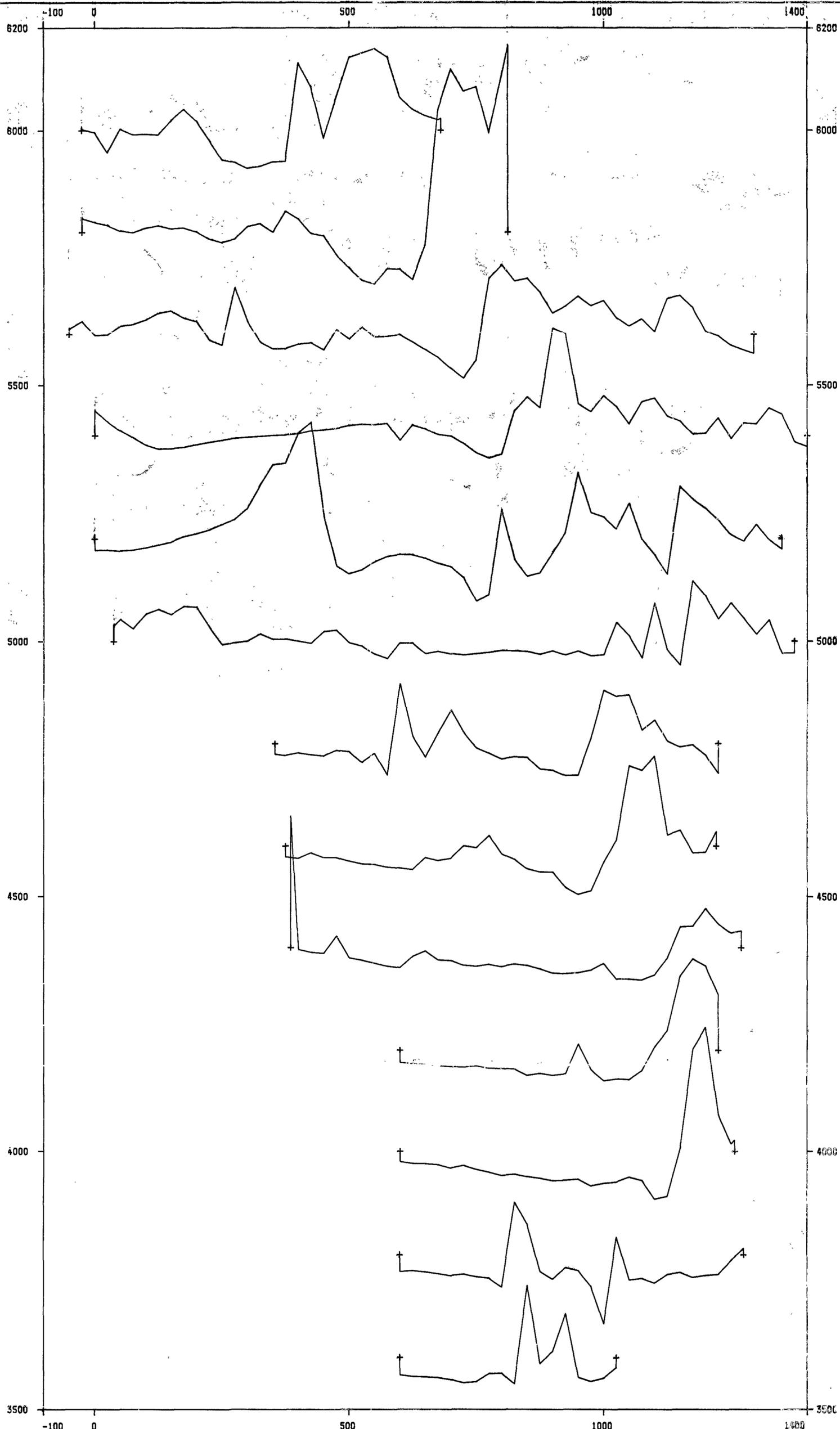
REFERENCE
 GEOCHEMISTRY (G.P.H.)
 100 - Cu
 50 - Zn
 100 - Pb

6514

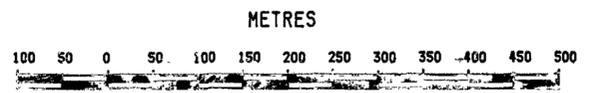
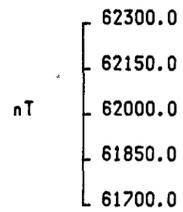
5cm

809086

CSR LIMITED - MEDG	
E.L.25/85 PARSONS HOOD, TASMANIA	
SOIL GEOCHEMISTRY	
SCALE: 1:10000	DATE: 20/01/85
PROJECT: 7611-6	ORG. No: 7611-6
55-2181 V2(L)	



VERTICAL SCALE = 150 nT/cm



CSSE

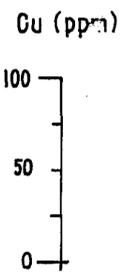
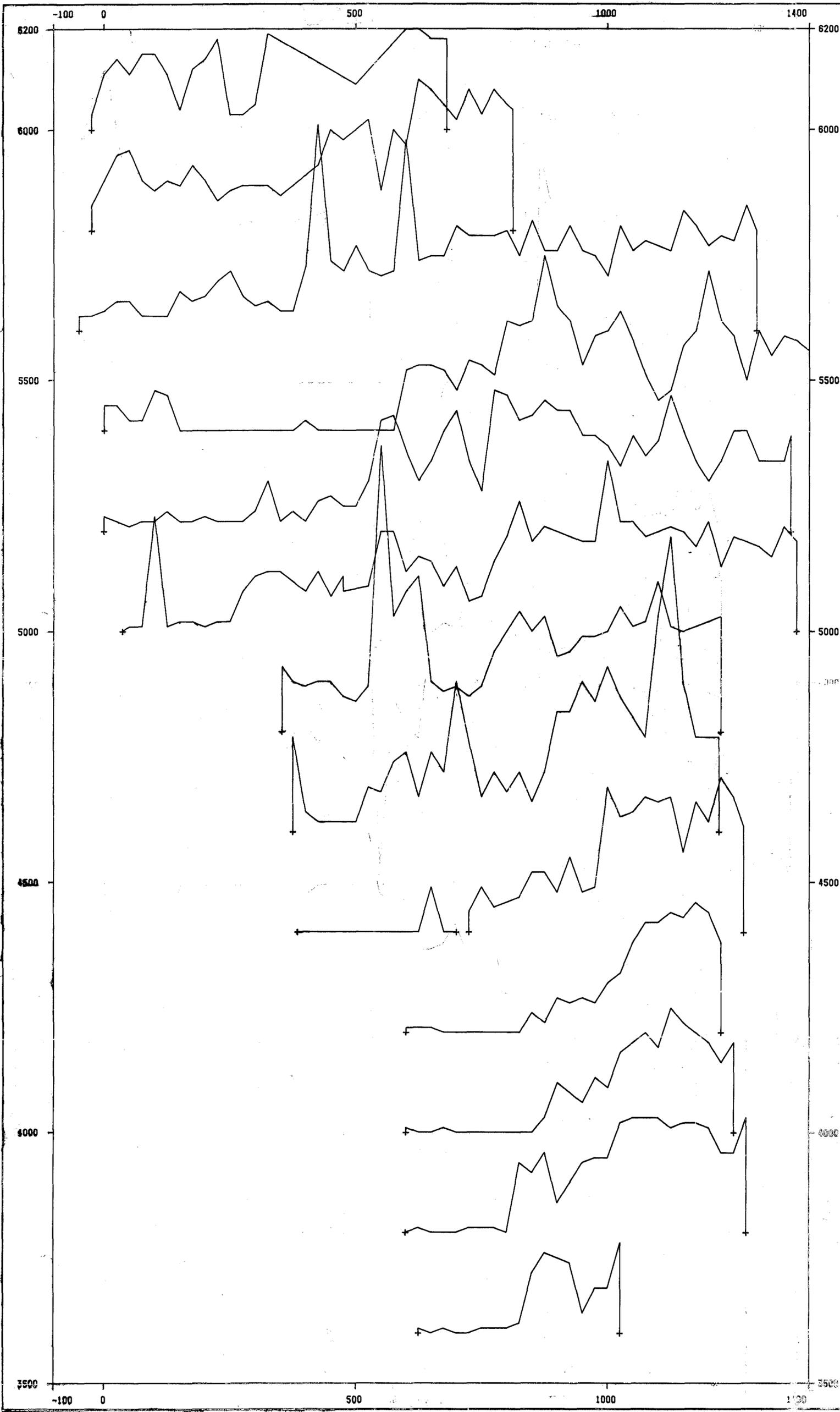
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CSR Limited - MEDG

PARSONS HOOD EL 25/85
GROUND MAGNETICS
SALMON GRID

88-2781 V2/2

SCALE:	1:5000	DATE:	29/11/1987
DRAWN:	PRG	REV:	PLAN NO
CHECKED:			7611-11
APPROVED:			



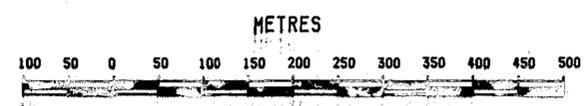
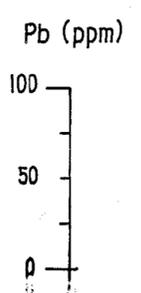
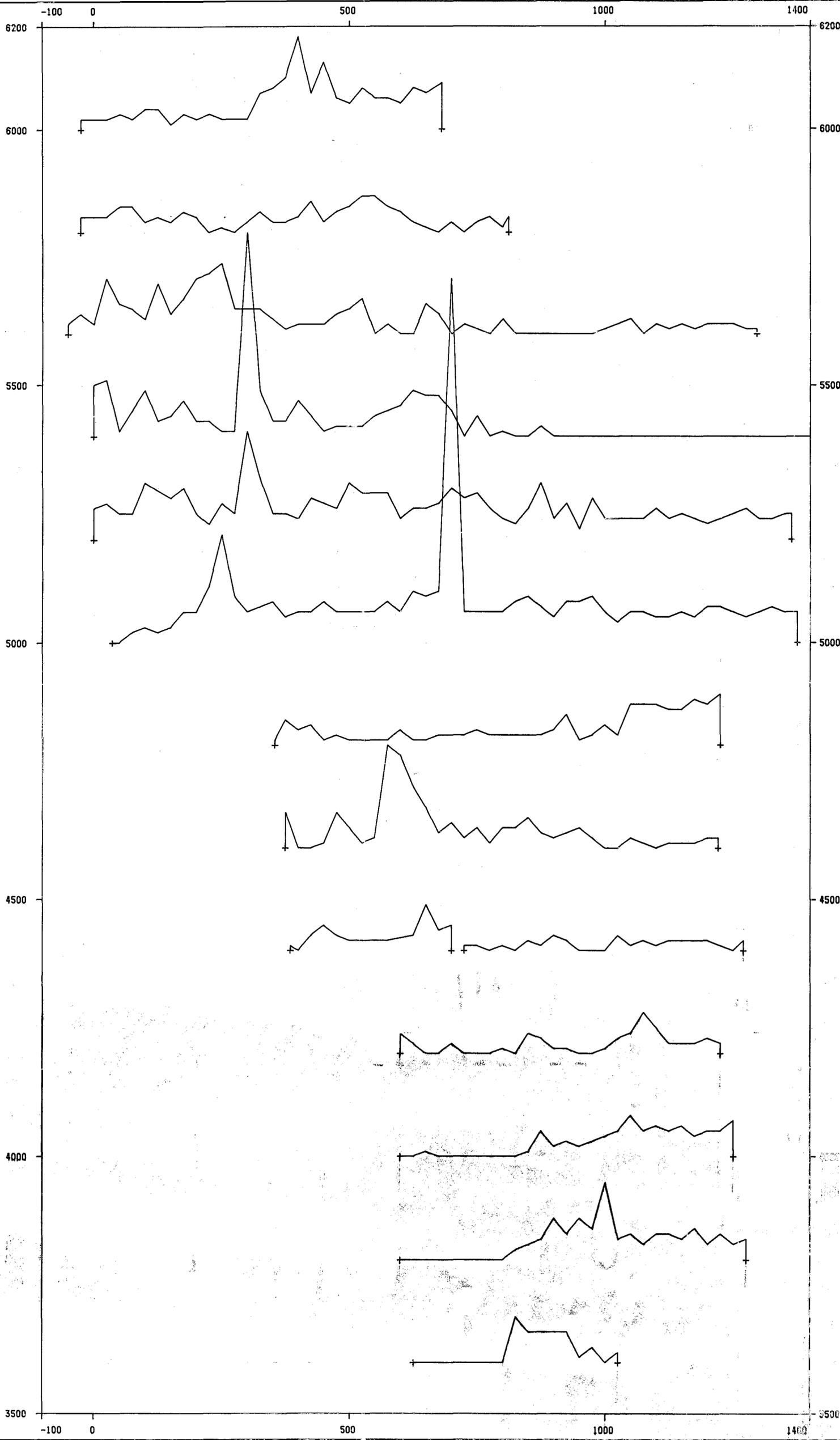
CSR

809088

CSR Limited - MEDG

Parsons Hood EL 25/85
Cu Sol: Recays (25ppm/cm)
SALMON GRID

SCALE:	1:5000	DATE:	27/11/1987
DRAWN:	PKG	REVISED:	PLAN NO
CHECKED:			7811-12
APPROVED:			



855122

809089

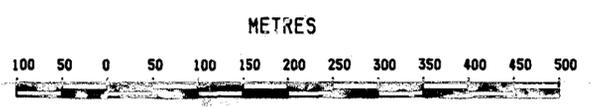
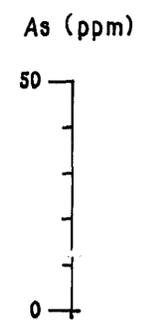
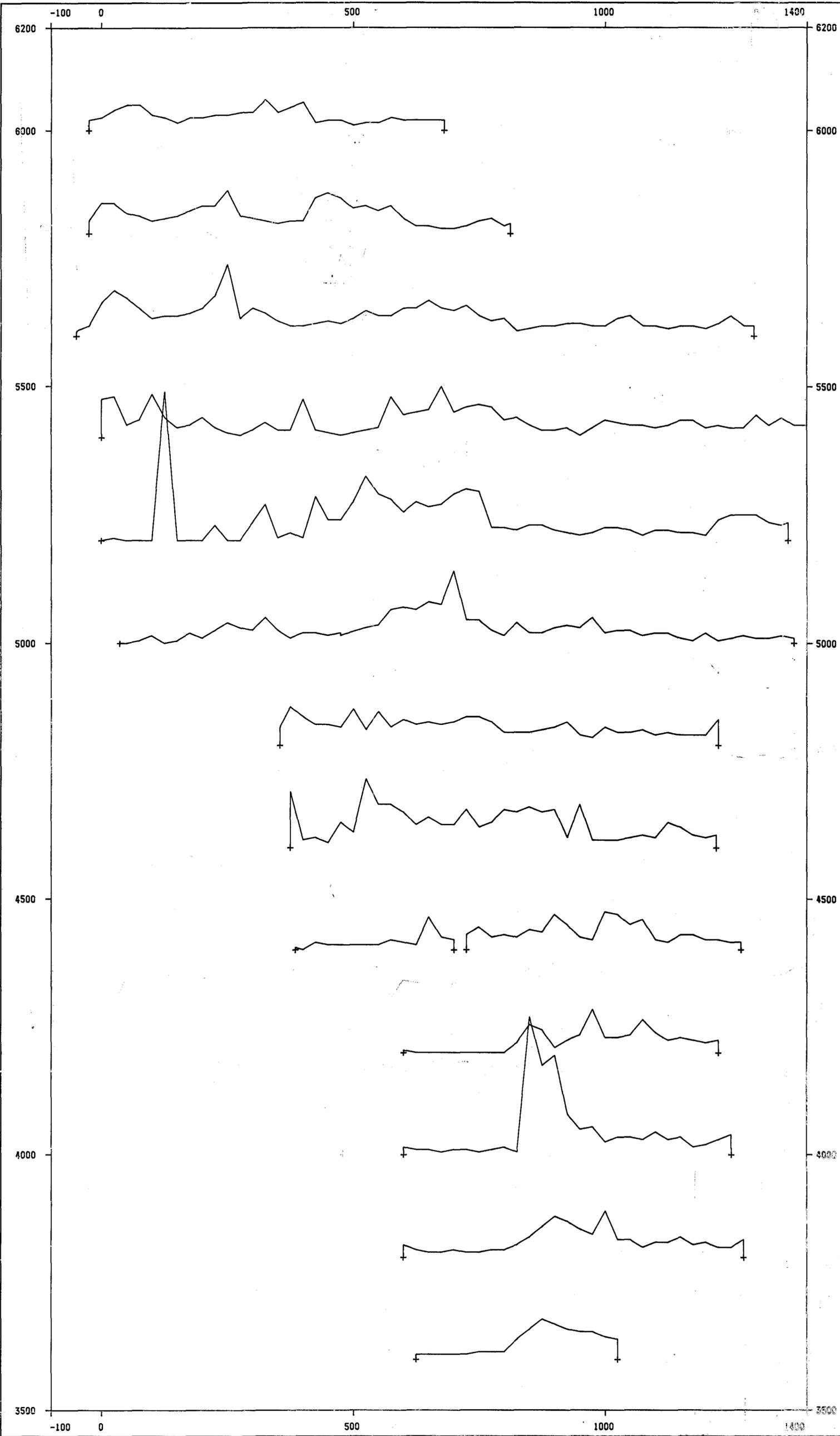
CSR Limited - MEDG

Parsons Hood EL 25/85
Pb Soil Assays (25ppm/5m)
SALMON GRID

88-2781 V2/z

SCALE:	1:5000	DATE:	27/11/2007
DRAWN:	PC	BY:	PC
CHECKED:			
APPROVED:			7911-13

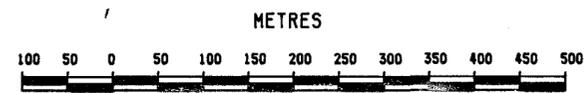
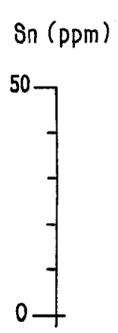
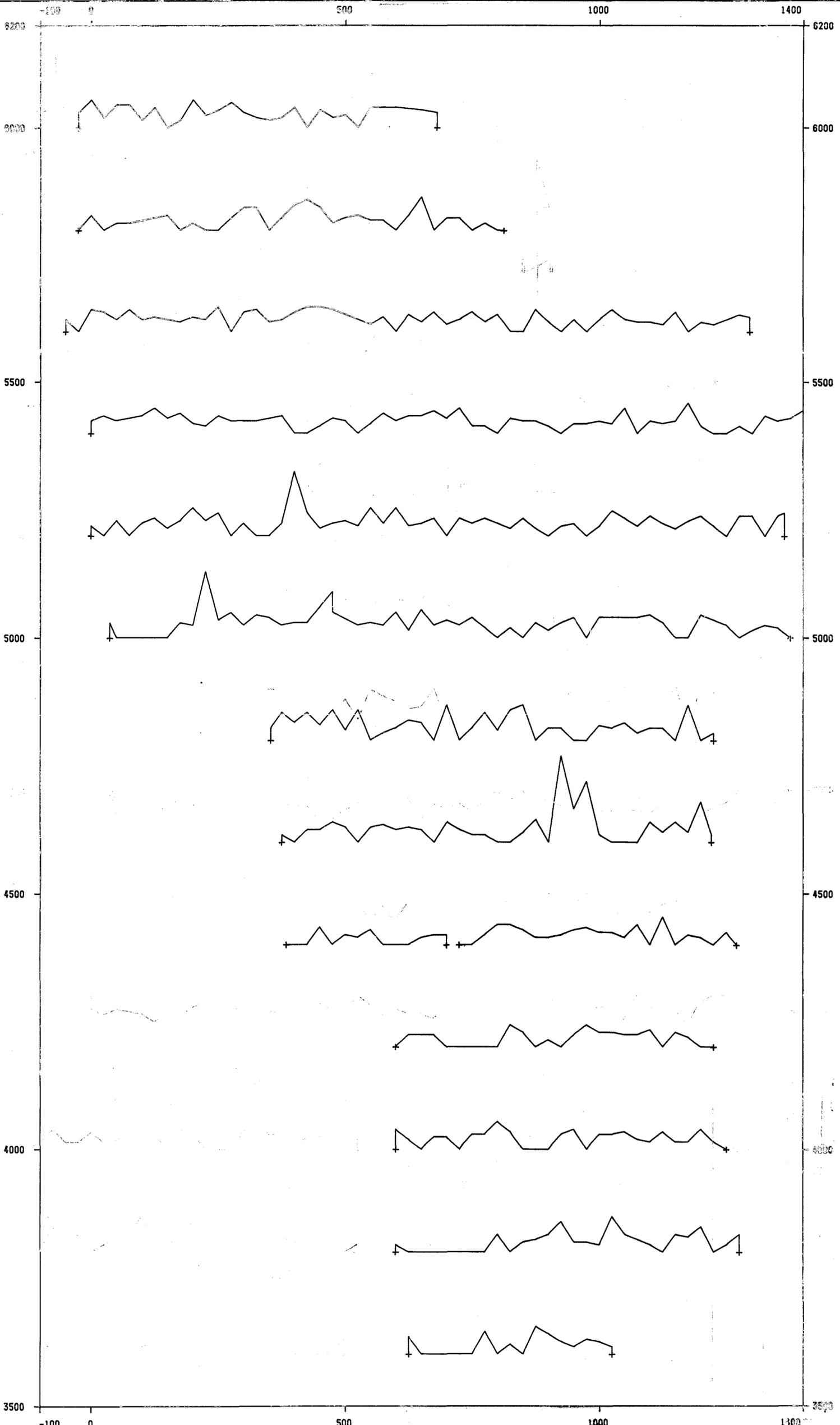
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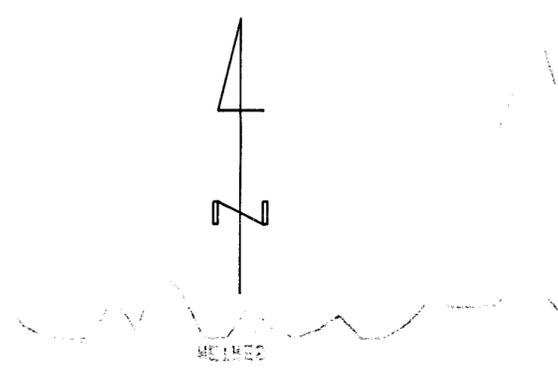
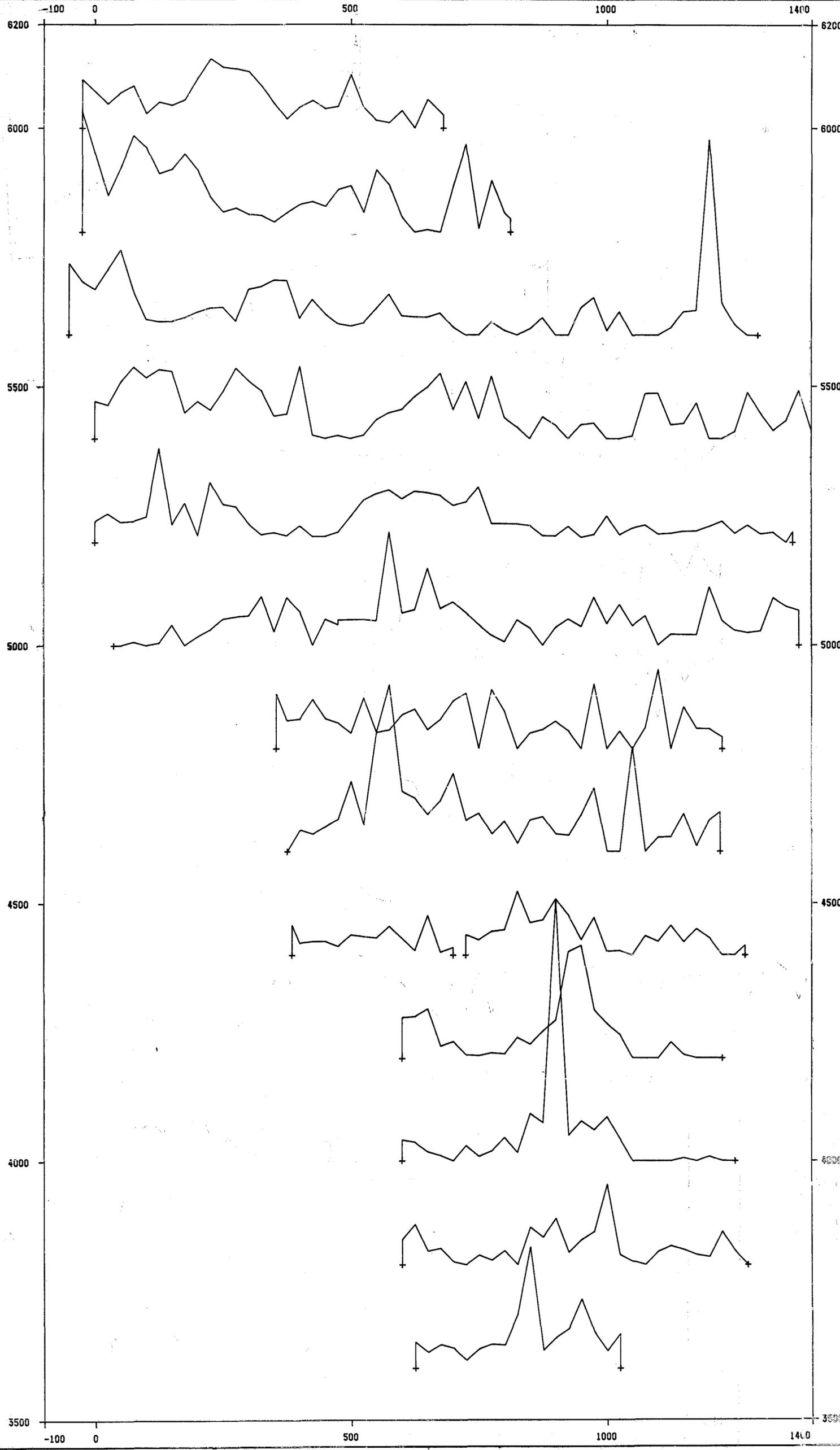
CSSE122

809090

CSR Limited - MEDG			
Parsons Hood EL 25/85			
As Soil Assays (10ppm/cm)			
SALMON GRID			
88-2781/2/2			
SCALE:	1:5000	DATE:	27/11/1987
DRAWN:	FRG	REVN:	PLN NO
CHECKED:			7811-14
APPROVED:			



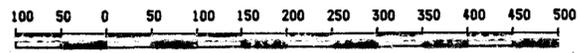
809091		
CSR Limited - MEDG		
Parsons Hood EL 25/85		
Sn Soil Assays (10 ppm/cm)		
SALMON GRID		
SCALE: 1:5000	DATE: 27/11/1997	85-2781 V12
DRAWN: PFG	REVISED:	PLAN NO
CHECKED:		7011-18
APPROVED:		



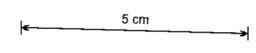
Ba (ppm)



METRES



CSR



809092

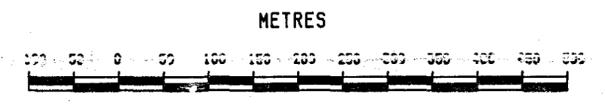
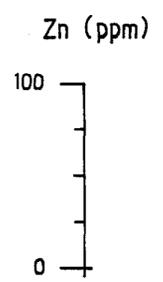
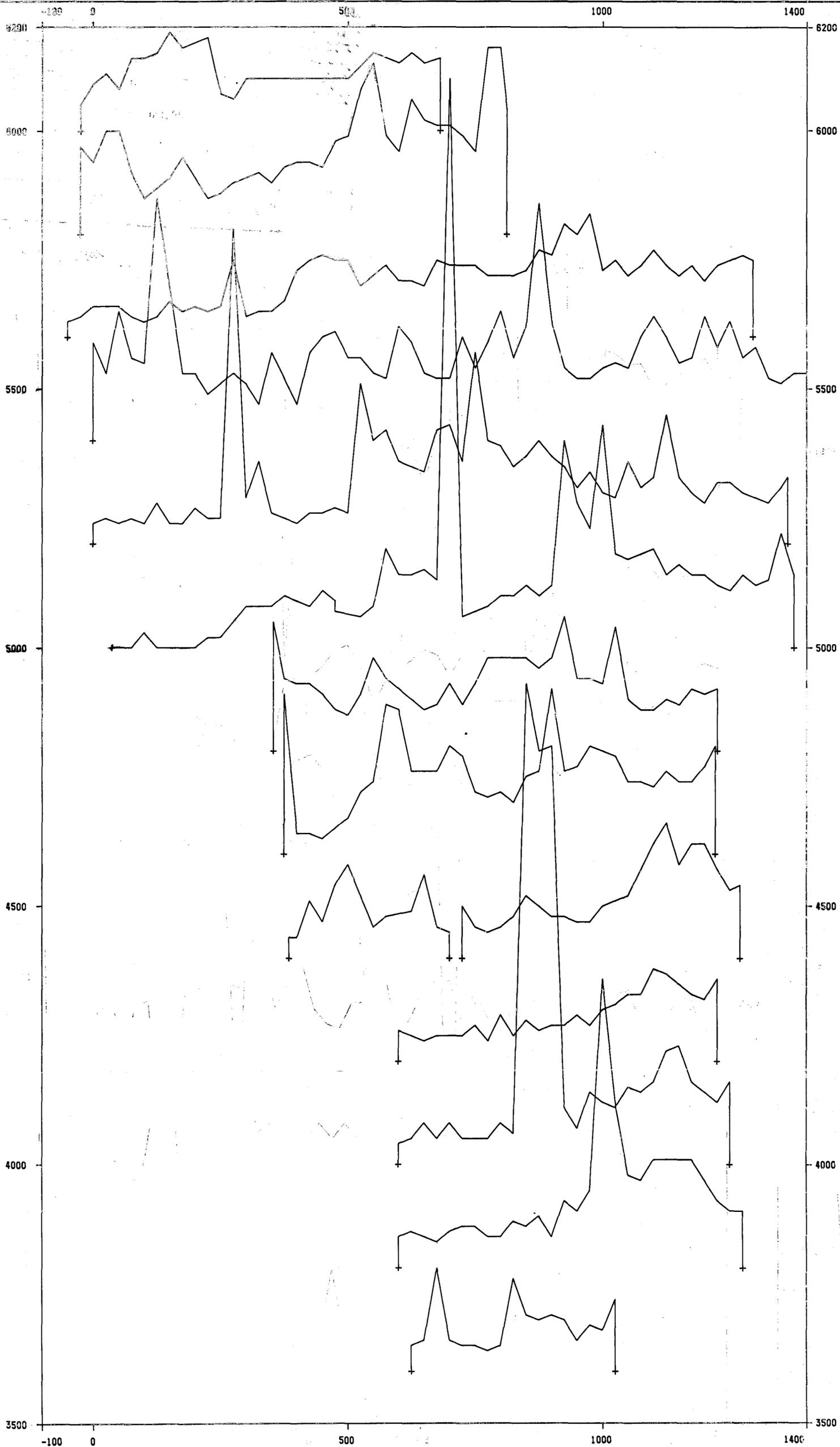
CSR Limited - MEDG

Parsons Hood EL 25/85
Ba Soil Assays (100ppm/cm)
SALMON GRID

88-2781 V2/2

SCALE:	1:5000	DATE:	27/11/1997
DRAWN:	PRG	REVN:	PLAN 50
CHECKED:			7411-13
APPROVED:			

6520



809093

CSR Limited - MEDG			
<i>88-2781 Vele</i>			
Parsons Hood EL 25/85 Zn Soil Assays (25ppm/cm) SALMON GRID			
SCALE:	1:5000	DATE:	27/11/1987
DRAWN:	PRG	REVN	PLAN NO
CHECKED:			7611-17
APPROVED:			