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MINERALS AND CHEMICALS DIVISION

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SOIL SAMPLING 1979
CUNI-NEVADA-RAZORBACK GRIDS
E.L. 15/76, DUNDAS, WEST TASMANIA

EMR 20/80

MICROFILMED

SYDNEY
March, 1980.

P.M. MACNAMARA

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KEYWORDS

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MINERALISATION
1979
8 SK 55-05
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SOIL
TIN

COPPER
LEAD
ZINC
SILVER
GOLD
CHROMIUM
NICKEL
CALCIUM
MAGNETIC

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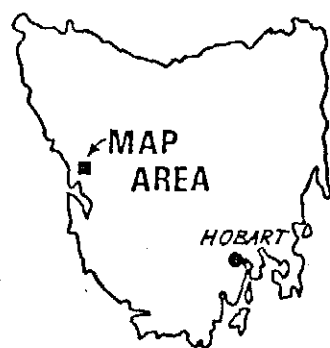
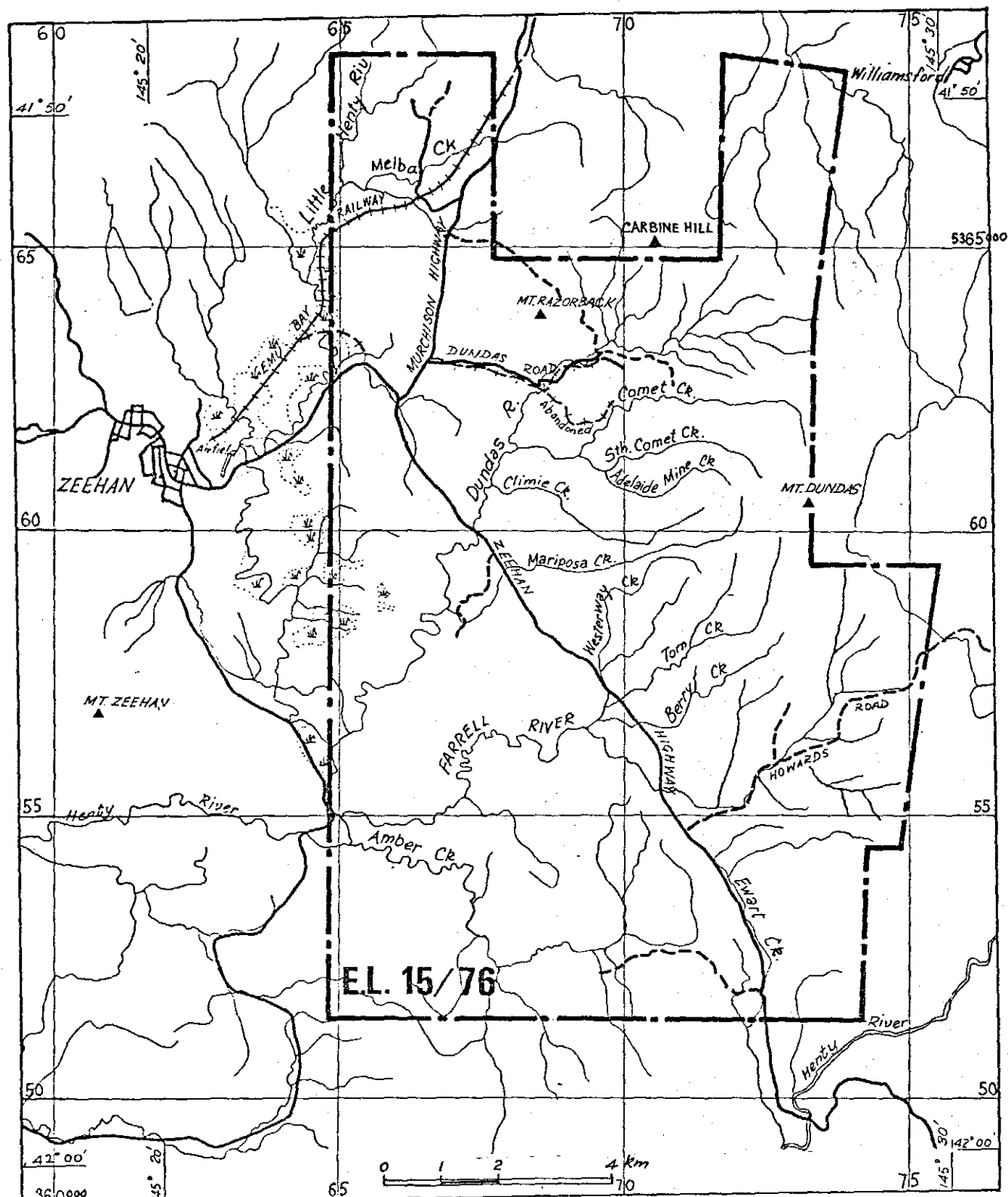
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- | | | |
|---------|--|----------|
| K555-6 | DRAINAGE SAMPLE NUMBERS | 1:10,000 |
| K555-10 | SOIL SAMPLING 1979
CUNI, NEVADA AND RAZORBACK GRIDS | 1:10,000 |



LOCATION MAP

E.L. 15/76 DUNDAS
TASMANIA

FIG. 1

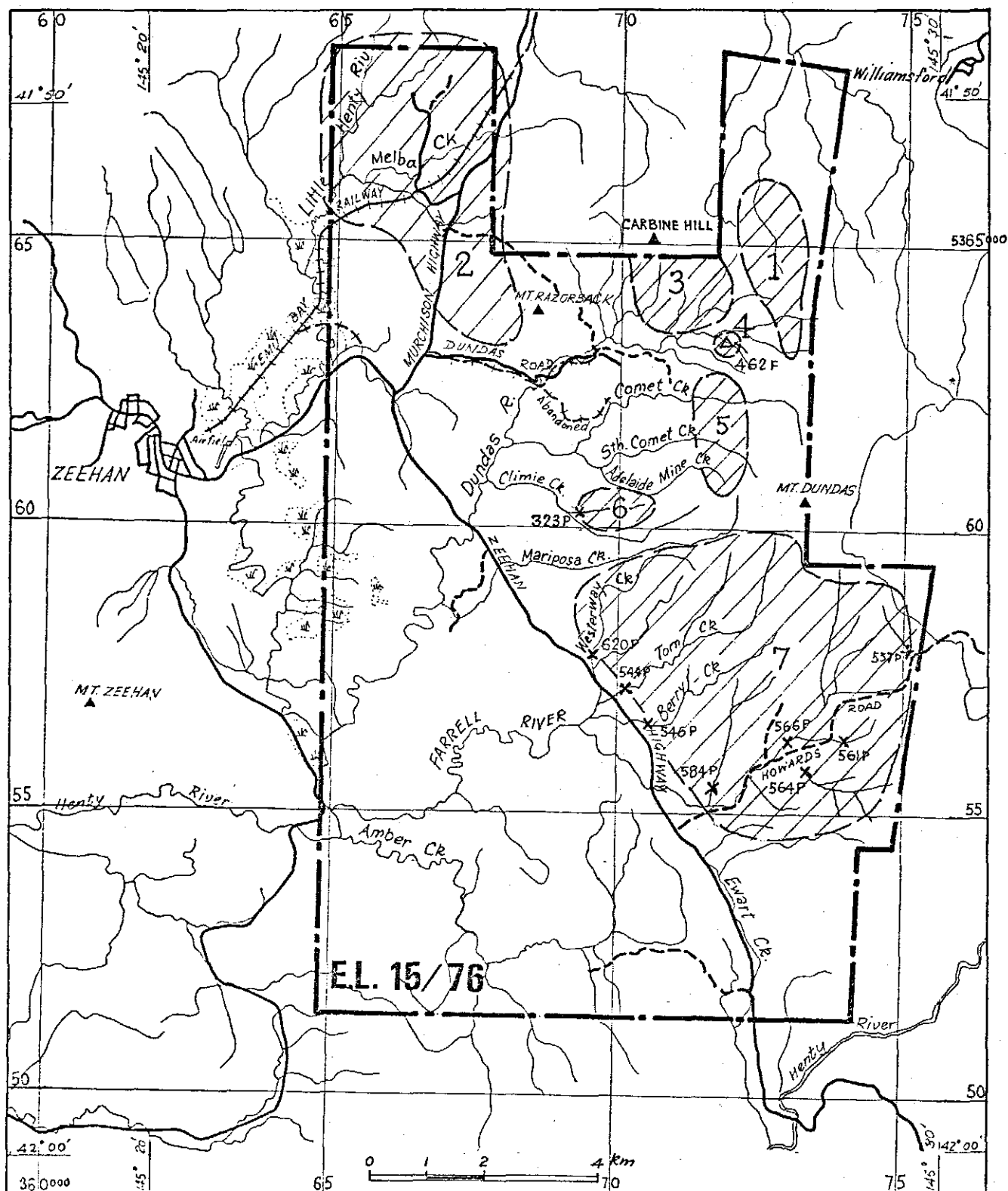
1. INTRODUCTION

1.1 Creek silt and panned concentrate drainage samples were collected over much of E.L. 15/76 during 1977 - 1978 (Macnamara, 1979). This work indicated a number of areas of anomalous tin concentrations including the north-west section of the E.L. between Cuni and Razorback (Area 2 on Figure 2). In addition sampling indicated above normal values of Cu, Zn, Pb, Ag, Ni, Co and Cr in various samples from the anomalous Area 2.

1.2 Old workings in the Cuni area indicate a potential for copper-nickel and for silver-lead-zinc mineralisation along two strike trends which exceed 2 km each in length. In addition minor alluvial tin was worked in Nevada Creek and on Melba Flats in past years - possibly derived from the Razorback-Grand Prize "line-of-lode" or from similar zones nearby (see DWG K555-10).

1.3 In order to locate sources contributing the anomalous Sn, Cu, Zn, Pb etc., values to drainages in Area 2, reconnaissance soil auger sampling at 10 m intervals was commenced over the Cuni, Nevada Creek and Razorback areas. Approximately 15 km of new line were cut in early 1979 - four lines on the Cuni Grid, three lines on Nevada Grid and four lines (including a base line) on the Razorback Grid. Approximately 10 km of line were auger sampled at 10 m intervals.

This report deals with the results obtained from the soil sampling programmes on the Cuni, Nevada and Razorback Grids to the end of 1979. A separate report will deal with reconnaissance soil sampling done on the East Carbine Grid. A further report will deal with the results obtained in extending drainage sampling to the south-east part of the E.L. during 1979.



584P X PANNED CONCENTRATE SAMPLE No. 602 584 P

△ FLOAT SAMPLE

(2) ANOMALOUS AREAS

ANOMALOUS DRAINAGE AREAS AND SAMPLE LOCATIONS

5 cm

E.L. 15/76 DUNDAS
TASMANIA

FIG. 2

2. SUMMARY

2.1 Table 1 illustrates the more important soil, drainage and rock chip anomalies located on the Cuni, Nevada and Razorback Grids during the 1979 programme.

2.2 On Cuni Grid, the best in-situ values were recorded from sample 602 CG 194 (see Table 1). This sample analysed 600 ppm Sn, 900 ppm Cu, 2100 ppm Zn, 1.3% Pb and 112 ppm Ag in a slightly calcareous black shale sequence on line 7485 N at 7300 E (see DWG K555-10). Immediately adjacent samples are anomalous and in fact elevated Cu-Zn-Pb values extend westwards to at least 7130 E.

A 250 m hole directed at -45° westwards is recommended to test this zone.

2.3 Sporadic workings over a 200 m width occur across strike at the Lead Blocks Prospect on line 7700 N (a new line) between 6800 E and 7000 E.

The lodes trend north-south and dip $60-80^{\circ}$ E. Blissett (1962) indicates five short lodes were worked to 50 m depth and yielded 3730 kg Ag (120,000 oz.) and 1450 tonnes lead from 2200 tonnes of ore, i.e., 1.7 kg Ag/tonne.

A scout hole to check this zone for stratiform mineralisation and/or high grade lodes is recommended.

2.4 Other anomalous zones indicated on the Cuni Grid and illustrated on Table 1, particularly tin anomalies, are being checked at present by additional auger sampling.

2.5 On Nevada Grid, a number of strongly anomalous Ni-Co-Cr values, moderately anomalous Cu-Zn-Pb-Bi-Ag and sporadic elevated gold values occur at the Hodge Slate/Razorback Conglomerate contact. Values

ATLAS
STATE TNS LOCATION DUNLAS

PROJECT 602
NUMBER 11
1:100,000
SHEET 7/14

TABLE 1
MAIN ANOMALOUS SAMPLES

NOTATIONS: SAMPLE TYPE - M - Creekbank, S - Soil
SA - Soil Auger, HC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL A - N.A.S.
X - X.R.F.
L - L.M.S. (1960)

SAMPLE NUMBER	TYPE	DEPTH (m)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	Co	Cr		EXP	Nr
CUNIGRID															
602CG 104	SA	-20	175	40	60	135	20	2	<0.2	20	5	(c)	1.0m depth: yellow brown silty clay (Ec) limonitic	6240E	8341N
602CG 193	SA	-20	10	50	90	70	20	1	<0.2	70	10	660	0.6m depth: orange yellow brown clay-shale? (Ec)	7310E	7485N
194	SA	-20	600	900	2100	1.3%	15	112	<0.2	135	30	200	0.3m depth: blue black clay = shale? (Ec)	7300E	7485N
195	SA	-20	45	120	750	350	20	3	<0.2	165	40	170	grey green greywacke sst. with black bands	7290E	7485N
602CG 212	SA	-20	3	120	2400	480	20	1	<3	650	500	300	0.7m depth: grey and black clay = shale? (Ec)	7130E	7485N
602CG 255	SA	-20	30	30	440	200	20	1	<3	100	35	4.05%	0-0.9m mud; 0.9m dk grey silty gritty (?) bedrock	6700E	7485N
602CG 372	SA	-20	45	150	2800	5200	30	2	<0.2	270	70	80	0.1m depth: grey g/wacke sst with black sh. bands.	6830E	6750N
602CG 406	SA	-20	175	45	195	25	30	2	<3	105	55	260	0-1.3m mud, gravels; 1.3m blue grey clay = Sh? (Ec)	6240E	6080N
602CG 416	SA	-20	120	420	120	30	20	1	<3	250	20	95	0-1.0m mud on blue grey/grey black shale (West of dolomite?)	6335	6077N
417	SA	-20	150	260	130	35	20	2	<3	190	30	150	>1.2m green grey clay under dump rubble (VAUDEAU Workings)	6330E	6080N
602CG 484	SA	-20	1	130	550	180	<20	5	<3	550	200	300	>0.5m: mottled dk grey/pale green grey banded clay = ? Es	7020E	6080N
602CG 516	SA	-20	5	5	370	15	35	3	<3	480	200	10.9%	>0.5m: Soft limonite on green clay = Es.	7080E	6750N
602CG 522	R		<5	2	210	20	35	3	<3	960	200	4.18	+5cm chips of goethite - magnetite - limonite from thin Sporadic limonite cap on serpentinite (Es)	7120E	7485N
NEVADA GRID															
602NEV 022	R		<5	500	990	85	10	1	1.5	1300	135	1000	3m x 0.4m o/crop banded limonitic "jasper" & black xals (Chromite)	NEV 1	1315N
014	R		<5	10	690	10	<5	<1	0.8	50	35	3000	mixed "jasper-gessan" frags + Razorback (gl. siliceous soil)	✓	1310N
123	R		1	5	410	15	<10	<1	<0.05	40	40	2.5%		✓	1310-218N
126	R		<1	670	1780	180	<10	<1	<0.05	1700	190	53.0		✓	1315N
602NEV 057	SA	-20	1	470	1800	1240	<2	5	<3	4300	380	1000	0-0.7m mud on pyritic dk green/brn/cream clay (Ec or Es?)	NEV 2	1020N
058	SA	-20	25	40	2800	880	65	10	<0.003	5000	350	15.3%	0-0.4m mud/glz fragments on dk grn/grey sand - residual?	✓	1030N
059	SA	-20	5	30	1700	360	35	2	-	1400	210	0.43%	0.4m mud on mottled green/brn/white clay - (Ec or Es?)	✓	1040N
602NEV 083	SA	-20	<1	640	1800	480	60	3	0.01	2000	270	13.3%	0-0.6m black mud & pyrite = shale? (or Es)	NEV 3	1260N
083	SA	-20	<1	340	2800	190	25	2	0.005	6200	560	3.1%	0.5m greenish siliceous-chloritic clay - sh. or Es?	✓	1270N
RAZORBACK GRID															
602RG 002	M	-20	30	15	400	190	10	2	<0.2	1700	210	2.69%	2m wide gully drains NNE	8955E	3480N
012	SA	-20	35	85	340	3600	20	7	0.01	85	10	25	>0.4m dk brn. green silty clay (under gravels)	7470E	3480N
155	SA	-20	1	65	260	300	<20	5	<3	65	<5	20	>0.6m green clay	7460E	✓
602RG 199	SA	-20	<1	10	2700	1850	10	11	<3	60	30	40	0.8m blue grey green sh (on flat)	7020E	3480N
602RG 254	SA	-20	10	65	1900	600	45	3	<3	180	140	85	0.4m depth. Min stained sst near old 2m wide slope (13°/60°W)	7180E	2560N
285	M	-20	220	310	3600	3.38%	30	361	0.015	30	30	50	drainage off mullock heap in gully (3000 ppm Hs)	7170E	✓
286		-20	10	15	65	60	35	2	<3	50	25	30	pale yellow brown clay with quartz (0.5-1mm) - volcanic?	7160E	✓
602RG 388	SA	-80	<1	55	80	100	<20	20	<3	90	50	75	yellow brn. sandy clay = fine brn sh/sst	8510E	4220N
387	SA	-80	<1	45	110	20	20	20	<3	80	30	150	dark brown clay	8520E	✓

to 0.62% Ni, 0.05% Co and 15.3% Cr are recorded on Table 1. A (conformable ?) serpentinite or sediment derived from an ultramafic may be involved. Some further work is required to indicate whether the horizon is worth drilling.

2.6 On Razorback Grid, the highly anomalous sample 602 RG 285 M with 361 ppm Ag drains an old working. Associated values are 3.38% Pb, 220 ppm Sn and 3000 ppm As.

Additional lines have been cut to check this anomaly further and particularly to establish strike length and anomaly width and strength.

3. GEOLOGY

3.1 The geology in the general area has been described by Blissett (1962) and illustrated on the Zeehan 1 Mile Geological Map. Exploration on the Cuni, Nevada and Razorback Grids has not substantially altered the position of formation boundaries shown on the 1962 sheet (see DWG K555-6). However, auger sampling has supplied further information on lithological variations and demonstrated the existence of various and variable sub-units within the main formations described by Blissett. The available raw data is shown on Sample Data Sheets, Appendices IV, V and VI.

3.2 In the Cuni area, the main formations involved are the Crimson Creek Formation in the west and the serpentinite/pyroxenite (see DWG K 555-6) body in the east. Soil augering has confirmed that the Crimson Creek Formation is composed of various lithological types including greywacke, greywacke siltstone and shale, black shale, possible ultramafic units, tuffs, etc. It is expected that a combination of the geochemical data plus magnetic and V.L.F.-E.M. surveys being carried out at present will outline sub-unit types and their trends and dip attitudes. To date, available data suggests that in the Cuni Grid area north of Nevada Creek, the strike of rocks is northerly but swings to the north-east near Lead Blocks. Dips are 50° to 80° east. Numerous geochemical anomalies have been located in this general area.

3.3 The Nevada Grid is just south of Nevada Creek and west of the Murchison Highway. Here, the rocks trend 090° to 120° M and dip south at 60° to 80° (Appendix V).

The units soil sampled include the Hodge Slate and the overlying Razorback Conglomerate. The soil geochemistry in the contact zone between these units is

marked by high values for Ni-Co-Cr and elevated Cu-Zn-Pb values on all three lines NEV 1 to 3 (see Table 1). A petrographic report (Appendix III) indicates a serpentinite unit could be involved on line NEV 1. Soil augering indicated "shales" on lines NEV 2 and NEV 3 in the anomalous area but alternately these could be weathered serpentinite or material derived therefrom (Appendix V).

This zone requires further checking to indicate whether drilling is justified.

3.4 The Razorback Grid comprises three lines which check the Red Lead Conglomerate, Hodge Slate, Razorback Conglomerate and Brewery Junction Formation north-west of the Razorback Mine. The units trend north-west and dip west.

A number of geochemical anomalies were indicated on this grid, but only one very strong response stands out. (Sample 602 RG 285 M - Table 1). Additional auger sampling lines are being cut adjacent to this anomaly at present.

4. EXPLORATION COMPLETED (1979)

4.1 On the Cuni Grid, 6 km of line were cut and 3.7 km soil sampled on four lines at 10 m intervals. On Nevada Grid three lines totalling 1.3 km were cut and sampled. On Razorback Grid a 2.9 km long baseline was established and three cross-lines totalling 4.7 km cut and sampled.

4.2 Augered soil samples are designated SA; rock chips by the letter R; and drainage samples by M in Appendices IV, V and VI.

4.3 The grid lines cut and sampled during 1979 are shown on DWG K555-10. In addition, various drainages in the general area were checked by chemical analyses of stream silt and panned concentrates. These drainage results will be reported separately although some results from minor drainages cutting grid lines are included in this report.

4.4 A summary listing the more important anomalous samples has been compiled as Table 1. Full results are shown in Appendices I to VI and illustrated in preliminary form as profiles in Appendix VII.

A petrographic report discusses the petrography of a siliceous "gossan" of banded jasper-like appearance in Appendix III. This material is related to the high values of Ni-Co-Cr etc., shown by Nevada Grid samples on Table 1.

4.5 Appendix II discusses the understating of chrome values in some samples checked routinely by weak digestion methods such as perchloric acid. A further discussion of chemical analytical techniques occurs in Section 6 of this report.

5. SOIL SAMPLING RESULTS

5.1 General

Table 1 lists the main soil sampling anomalies deserving immediate follow-up. Further soil augering is being done at present on the Cuni, Nevada and Razorback Grids. Results from this work and of that shown in the Appendices will need to be assessed together. The combined results should highlight zones deserving follow-up work, i.e., individual "point" anomalies on lines as well as geochemical "highs" trending from line to line which need checking along their strike to delineate zones of maximum geochemical response. These can then be assessed as potential drill targets.

5.2 Cuni Copper-Nickel

Listed in Appendix IV are a number of Cu-Ni anomalies. Most are in the vicinity of old copper-nickel workings such as Vaudeau Shaft (Sample 602 CG 417, Table 1). Such anomalies need to be looked at in the longer term, but in the short term have been regarded as being of secondary importance in the Cuni area because of the large amount of effort, including intensive drilling, directed at such targets in the 1930's (Eagle Metals) and the early 1970's (E.Z. Industries). Some of the Cu-Ni anomalies have anomalous Sn values associated (Sample 602 CG 416-417, Table 1), but others such as those on the Nevada Grid (Table 1) are mainly low in Sn. The full significance of the Sn content in connection with such mineralisation is unknown, but needs to be looked into.

5.3 Other Cuni Grid Mineralisation

5.3.1 Further auger sampling is being done at present on eight additional lines at Cuni, so that additional anomalies are likely to be indicated.

The strongest anomalies located to date are listed on Table 1. These are at present being checked and additional soil augering done to check for strike extensions.

5.3.2 The best values were recorded from Sample 602 CG 194, Table 1 : 600 ppm Sn, 900 ppm Cu, 2100 ppm Zn, 1.3% Pb, 112 ppm Ag, in a slightly calcareous black shale on line 7485N at 7300E. Adjacent samples are somewhat anomalous also.

The main serpentinite body occurs 80 m to 100 m to the east (7400 E). Moderately anomalous Cu-Pb-Zn values extend westwards to at least 7130 E.

Magnetic and VLF-EM surveys are being conducted over this zone at present. Drilling appears to be warranted and a 250 m hole collared near 7400 E and directed -46° to the west is proposed.

5.3.3 Sporadic workings across a strike width of 200 m occur at Lead Blocks Prospect on line 7700 N between 6800 E and 7000 E approximately. The Allen Prospect occurs to the south on the same line of lode (Reid 1925). Trend of lodes is approximately north-south, dip 60° - 80° E. Blissett (1962) indicates five lodes were worked at Lead Blocks to 50 m depth and yielded 120,000 oz. Ag and 1420 tons Pb from 2180 tons of ore.

A scout hole to check this zone for stratiform type mineralisation and/or high grade lodes is recommended.

5.3.4 Other anomalous values listed on Table 1 need to be checked out, especially high Sn values (Sample 602 CG 109 and 602 CG 417). High tin values may be associated with or peripheral to other types of mineralisation.

5.4 Nevada Grid

5.4.1 Table 1 lists a number of samples strongly anomalous in Ni-Co-Cr and moderately anomalous in Cu-Zn-Pb-Bi-Ag. Values to 0.62% Ni, 0.05% Co and 15.3% Cr are recorded. Up to 1.5 ppm Au was found initially in sample 602 NEV 022 R but repeat sampling in the area failed to confirm the elevated gold values (see Samples 602 NEV 123 to 127 R, Appendix V).

5.4.2 All of the anomalous values occur near the contact of Hodge Slate and the overlying Razorback Conglomerate. Petrographic descriptions of Sample 602 NEV 022 R indicate a sheared serpentinite is present on line NEV 1 at this point (Appendix III).

5.4.3 The high values on NEV 2 and NEV 3 (Sample 602 NEV 057, etc., and 082, etc.) occur in pyritic clay in topographically low areas beneath 0.5 m of mud cover. The clay could represent a weathered (conformable ?) serpentinite or a shaley rock derived from it.

5.4.4 Further work is required to indicate whether the horizon is worth drilling.

5.5 Razorback Grid

5.5.1 Sampling on the Razorback Grid has not been successful in outlining north-west extensions of mineralisation from the Razorback Mine. The two northern lines need to be extended north-east for several hundred metres to check this trend.

5.5.2 Table 1 indicates a number of moderate anomalies on the Razorback Grid which deserve checking. The strong anomaly indicated by the drainage sample 602 RG 285 M includes run off from a nearby dump associated with a 2 m wide stope open to the surface.

Values of 220 ppm Sn, 3.38% Pb and 361 ppm Ag were indicated. Two short lines to the north and south of this prospect are being soil augered at present to check for possible extensions of the lode.

6. ELEMENT DETECTION BY THE VARIOUS ANALYTICAL TECHNIQUES

6.1 General

Emission Spectrograph, AAS and XRF methods have been used to analyse samples. Various sample preparation and digestion methods were involved - powder for emission spectroscopy; XRF "buttons"; perchloric acid; Na_2O_2 fusion, etc., for AAS

Some mineral species such as gold, cassiterite, chromite, etc., are difficult to homogenize by fine grinding and the small sub-samples actually analysed may be non-representative in many cases. In addition, there may be interference of one element by another especially in the emission spectrographic results. For instance, abundant Fe causes a multiplicity of Fe lines on the spectrographic record and these interfere with lines from Bi, W, Cr, Ti, etc.

6.2 Gold

Emission spectrograph limit of detection is 3 ppm Au, but no samples analysed to date on the Dundas E.L. have reported this high.

The AAS method is reasonable provided a fairly large sample (50 g) is used to help overcome the "nugget" factor. The small samples may be the cause of non-repeatability in 602 NEV 022 R samples (Table 1 and Appendix V) - this aspect needs to be checked.

6.3 Lead

Emission spectrograph values are often much too high. AAS values are satisfactory.

6.4 Tin

The emission spectrograph has a 1 ppm limit of detection, but cassiterite is probably difficult to homogenize in the small sample used. High iron content interferes and Sn and W values appear to be too high in samples from ultramafic soils (samples 602 CG 150 onwards Appendix IV).

XRF reads down to 4 ppm Sn, but the "nugget" effect may still cause problems. However, it appears to be the best method for values 4-50 ppm Sn.

The AAS/ammonium iodide digestion method reads to 50 ppm, possibly going down to 20 ppm but with much "noise" on the AAS record for values less than 50 ppm Sn.

6.5 Chromium

Chromium appears to report moderate values with emission spectrograph, lower values by perchloric acid/AAS, moderate to high values by XRF and best values by Na_2O_2 fusion/AAS.

6.6 Silver

Check analyses of duplicate samples by AAS indicate silver values are variable. The cause could be either incomplete digestion by perchloric acid, or the "nugget" factor. An aqua regia attack may yield more complete digestion. If used for silver on a routine basis it may be necessary to specify an aqua regia digestion also for the other base metals tested otherwise a second digestion for these would unduly add to costs.

7. REFERENCES

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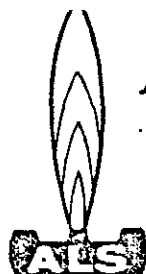
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P. Macnamara
14th March, 1980

APPENDIX I

Check Analyses : Cuni-Nevada-Razorback Grids

CHECK ANALYSES

Australian Laboratory Services PTY. LTD.

CONSULTING CHEMISTS & ANALYSTS

LABORATORY REPORT

OFFICE & LABORATORY
44 BALACLAVA ST., WOOLLOONGABBA 4102
Phone (07) 391 6986 A/H 355 0776
TELEX ALSEV 42344

- 4 -

R. W. YERBURY
DIRECTOR

BATCH No.: A 017 CLIENT C.S.R. LTD. - MINERALS & CHEMICALS DIVISION

ORDER No.: _____ AREA: _____ DATE RECEIVED: _____

SAMPLE TYPE: _____ No.: _____ DATE COMPLETED: _____

ATTENTION: _____

SAMPLE No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Bi ppm	Ca ppm	Ni ppm	Cr ppm	Sn ppm	W ppm
602 CG 615S	115	360	640	3	20	80	125	75	10	-10
16	75	185	0.11%	2	15	50	70	90	-10	20
17	75	165	840	2	25	95	125	100	5	-10
18	130	180	520	1	15	65	85	480	5	10
19	260	400	0.11%	2	25	145	360	130	10	-10
620S	90	45	0.11%	2	30	160	360	125	15	-10
21	60	60	0.10%	1	25	85	160	75	5	20
602 CG 0072S	175	165	250	1	25	30	85	10	-5	-10
0073S	5	10	2	-1	20	10	10	170	5	-10
0074M	5	65	2	-1	15	10	10	340	-5	-10
0075S	30	30	15	1	25	10	45	100	5	10
0076S	2	10	5	-1	15	10	10	30	5	10
0077S	2	10	5	-1	15	10	10	35	10	10
0078S	25	35	85	2	30	40	95	25	10	-10
0079S	25	35	30	2	30	25	40	25	10	-10
0080S	30	35	105	2	35	50	115	45	5	-10
602 CG 0110S	30	60	60	1	20	20	25	85	-5	-10
602 CG 210S	100	45	480	2	30	140	160	95	5	-10
11S	110	440	0.12%	1	15	160	210	130	10	-10
12	120	440	0.24%	1	20	440	560	125	5	-10
13	60	45	720	1	25	140	200	210	-5	-10
602 CG 253S	30	85	260	1	20	40	115	370	-5	10
54	30	260	240	1	15	20	115	880	10	10
55	30	200	440	1	20	35	100	0.62%	30	-10
56	15	320	380	1	15	20	45	0.11%	10	-10
602 CG 289S	35	70	165	1	15	60	275	0.30%	10	-10
90S	30	25	140	1	20	50	85	370	-5	-10
91	55	25	85	1	15	30	40	280	5	-10
92	125	20	60	1	15	50	55	230	5	-10
293S	60	20	155	1	20	70	150	640	5	-10

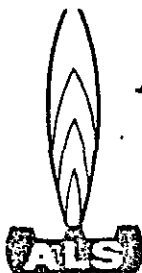
CUNI
GRID



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METHODS:

Signatory



Australian Laboratory Services PTY. LTD.

CONSULTING CHEMISTS & ANALYSTS

LABORATORY REPORT

- 5 -

R. W. YERBURY
DIRECTOR

OFFICE & LABORATORY
44 BALACLAVA ST., WOOLLOONGABBA 4102
Phone (07) 391 6986 A/H 355 0776
TELEX ALSEV 42344

BATCH No.: A 017 CLIENT C.S.R. LTD. - MINERALS & CHEMICALS DIVISION

ORDER No.: _____ AREA: _____ DATE RECEIVED: _____

SAMPLE TYPE: _____ No.: _____ DATE COMPLETED: _____

ATTENTION: _____

SAMPLE No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Bi ppm	Co ppm	Ni ppm	Cr ppm	Sn ppm	W ppm
602 CG 294 S	60	50	115	1	15	30	45	150	-5	-10
95	40	30	60	1	15	30	40	200	-5	-10
96	50	35	85	1	25	40	150	350	5	-10
97	60	85	260	1	20	40	50	260	5	-10
98	60	20	170	2	35	55	95	50	10	-10
99	140	25	480	2	35	75	110	125	10	-10
300S	75	20	200	1	25	40	65	240	5	-10
01	115	20	120	2	30	60	115	45	-5	-10
02	145	25	125	1	25	50	90	110	5	-10
03	115	50	25	1	25	20	50	280	-5	-10
04	180	50	50	2	30	40	180	350	10	-10
05	50	45	55	2	35	40	70	50	10	-10
06	5	15	10	-1	10	10	5	370	15	-10
602 CG 382S	200	35	320	2	30	90	175	145	5	-10
83	80	105	140	2	20	20	90	175	-5	10
84	220	25	225	2	30	70	160	165	-5	-10
85	95	50	440	2	20	55	250	35	-5	-10
86	150	480	520	2	25	60	265	190	15	-10
87	180	480	210	2	45	40	170	520	30	-10
88	150	65	90	2	45	40	245	0.13%	5	-10
602 CG 406S	45	25	195	2	30	55	105	260	175	-10
602 NEV 055S	20	20	55	1	20	25	70	0.11%	45	10
56S	120	85	110	3	25	30	780	0.11%	10	-10
602 NEV 058S	40	880	0.28%	5	65	350	0.50%	+1.0%	5	-10
59	30	360	0.17%	2	35	210	0.14%	0.56%	5	-10
060S	20	25	35	1	20	20	45	300	5	-10
602 NEV 080S	55	65	200	2	30	70	210	0.16%	-5	-10
602 NEV 082S	640	480	0.18%	3	60	270	0.20%	0.50%	-5	-10
83	340	190	0.28%	2	25	560	0.62%	+1.0%	-5	-10
084S	55	45	110	2	40	50	480	0.15%	10	-10

NEVADA
GRID



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METHODS:

Signatory

G. Dunn



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CONSULTING CHEMISTS & ANALYSTS

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Phone (07) 391 6986 A/H 355 0776
TELEX ALSEV 42344

LABORATORY REPORT

- 6 -

R. W. YERBURY
DIRECTOR

BATCH No.: A 017 CLIENT C.S.R. LTD. - MINERALS & CHEMICALS DIVISION

ORDER No.: _____ AREA: _____ DATE RECEIVED: _____

SAMPLE TYPE: _____ No.: _____ DATE COMPLETED: _____

ATTENTION: _____

SAMPLE No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Bi ppm	Co ppm	Ni ppm	Cr ppm	Sn ppm	W ppm
602 NEV 085S	55	90	50	2	35	20	45	135	10	-10
602 NEV 087S	110	30	120	2	35	40	155	290	-5	-10
88	165	95	160	2	35	60	150	80	5	-10
602 RG 282S (-20#)	50	55	50	1	30	30	35	80	-5	-10
283S (-20#)	20	90	55	1	25	20	20	105	5	10
284S(-20#)	65	600	0.19%	3	45	140	180	85	10	-10
602 RG 286S (-20#)	15	60	65	2	35	25	50	30	5	-10
287S(-20#)	20	50	125	2	30	20	25	15	10	-10
602 RG 285S (-80#)	310	+1.0%	0.36%	+25	30	30	30	50	220	-10
602 CG 271S	90	400	440	4	25	70	150	0.42%	25	-10
ROCK 602 CG 527R	30	125	560	3	60	100	45	125	5	-10

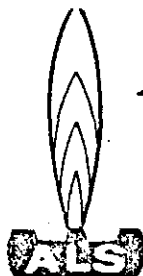


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METHODS:

Signatory

G. Quinn



Australian Laboratory Services PTY. LTD.

CONSULTING CHEMISTS & ANALYSTS

LABORATORY REPORT

- 5 and 6 A -

R. W. YERBURY
DIRECTOR

OFFICE & LABORATORY
44 BALACLAVA ST., WOOLLOONGABBA 4102
Phone (07) 391 6986 A/H 355 0776
TELEX ALSEV 42344

BATCH No.: A 017 CLIENT C.S.R. LTD. - MINERALS & CHEMICALS DIVISION
ORDER No.: _____ AREA: _____ DATE RECEIVED: _____
SAMPLE TYPE: _____ No.: _____ DATE COMPLETED: _____
ATTENTION: _____

NEVADA
GRID

SAMPLE No.	Au ppb									
602 NEV 055S	15									
056S	5									
602 NEV 058S	-3									
059S	-3									
060S	5									
602 NEV 080S	10									
602 NEV 082S	10									
083S	5									
084S	40									
085S	10									
602 NEV 087S	40									
088S	20									

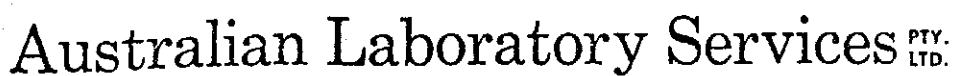


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METHODS:

Signatory

Ly. Quinn



PTY
LTD

LABORATORY REPORT

- 7 -

BATCH No.: A 017 CLIENT C.S.R. LTD. - MINERALS & CHEMICALS DIVISION
ORDER No.: _____ AREA: TASMANIA DATE RECEIVED: _____
SAMPLE TYPE: _____ No.: 1 DATE COMPLETED: 11.2.80
ATTENTION: _____

SAMPLE No.	Pb %	Ag ppm								
602 RG 285S(-80#)	3.38	361	- Dump?							



METHODS:

REASSAY 101-B

Signatory

G. Brown

APPENDIX II

Chromium Check Analyses : Cuni and
Nevada Grids

CONSULTING CHEMISTS
& ANALYSTS

OFFICE & LABORATORY

44 BALACLAVA ST., WOOLLOONGABBA
BRISBANE, AUSTRALIA 4102

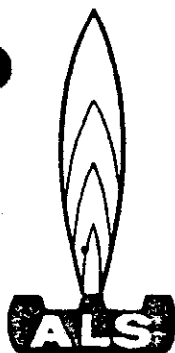
Phone (07) 391 6799

A/H. 355 0776

TELEX ALSEV 42344

Australian Laboratory Services

PTY.
LTD.



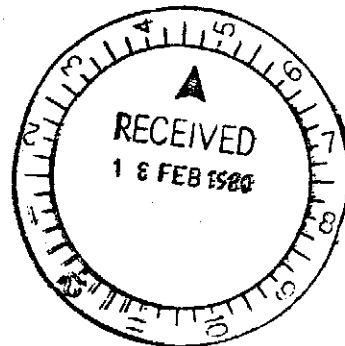
GCD/jg

15th February, 1980.

C.S.R. Limited - Minerals & Chemicals Division,
G.P.O. Box 483,
SYDNEY .. N.S.W. .. 2001

ATTN: Mr. P. MacNamara.

Dear Sir,



Chromium determinations - A.L.S. Batch A 017.

Find enclosed a laboratory report covering the Cr content of certain samples ex A.L.S. Batch A 017. (C.S.R. O/N 19661). The first two samples assayed initially at $>1.0\%$, and they were reassayed as is our normal practice. The remaining samples gave initial values of $>0.2\%$ and these were reassayed as we considered these values suspect. A perchloric acid digest as employed for method 1 determinations is completely unsatisfactory for the determination of Cr present in chromite, due to the relative insolubility of this material.

A comparison of these values indicates the variation which occurs between a geochemical and an assay determination for chromium. In practice we have found that values in excess of a few hundred ppm may be suspect. I would recommend that you specify method 106 for Cr if you require any more than just an indication of an anomaly.

Yours faithfully,

.....*G.C. Dunn*.....
G.C. Dunn,
Chief Chemist.

RES AND
MINERALS

INDUSTRIAL
PRODUCTS

WATERS AND
POLLUTANTS



Australian Laboratory Services PTY. LTD.

CONSULTING CHEMISTS & ANALYSTS

105030

LABORATORY REPORT

OFFICE & LABORATORY
44 BALACLAVA ST., WOOLLOONGABBA 4102
Phone (07) 391 6986 A/H 355 0776
TELEX ALSEV 42344

R. W. YERBURY
DIRECTOR

BATCH No.: A 017 CLIENT C.S.R. LTD. - MINERALS & CHEMICALS DIVISION
ORDER No.: _____ AREA: _____ DATE RECEIVED: _____
SAMPLE TYPE: _____ No.: 2 DATE COMPLETED: 12.2.80
ATTENTION: _____

SAMPLE No.	Cr %								
602 NEV 058S	15.3								
602 NEV 083S	3.10								
Cr results by Method 1 20.20%									
	Cr %								
602 CG 568S	0.90								
69	1.15								
70	2.43								
595S	2.10								
96	1.43								
98	0.90								
601S	1.65								
08	1.88								
602 CG 255S	4.05								
89	1.53								
602 NEV 059S	0.93								
082	13.3								
602 CG 271S	2.13								



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METHODS:

REASSAY Cr- 106

Signatory

APPENDIX III

Report on Ultramafic "Gossan" Sample
602 NEV 022 R, Nevada Grid plus
Emission Spectrograph Scan

MINPET SERVICES

REPORT NO. 17/79

ULTRAMAFIC ROCK GOSSANS FROM DUNDAS AREA FOR
IDENTIFICATION AND CONFIRMATION OF IDENTITY
OF SPINEL PRESENT

(for Mr. P.M. Macnamara, Geologist, CSR Ltd.)

October, 1979.

1. INTRODUCTION

Three gossan specimens numbered 602 NEV 022R A and B and 024R were presented for rock identification and determination of the presence of chromite. Polished and thin sections of the specimens were prepared for examination.

2. SUMMARY

The three specimens, MPS 164, 165 and 166 (602 NEV 022R A and B and 024R) are weathered serpentinite. Only MPS 166 was recognisable as a serpentinitised peridotite in hand specimen; the remaining specimens being greatly sheared. However, MPS 164 contains relict or pseudomorphed, fibrolamellar antigorite and MPS 165 has silicified peridotite and rhombohedral (magnesite?) boxwork structures.

Chromite grains are unaltered but in all specimens show cataclasis. Magnetite is part-altered to hematite:goethite and leaves some octahedral leach textures.

The analytical results indicate MPS 164 to be a ferruginous ultrabasic rock (Pontifex, 1973).

The chromite could be a ferruginous variety but was likely enriched in chromium during serpentinitisation of the pre-existing peridotite. Fander (Appendix 1) considers the chromite to be magnesio-chromite rather than ferrochromite, since it exhibits translucent properties.

Chromite estimated by surface observation of grains in polished section :-

MPS 164 - 3 percent

MPS 165 - 1 to 2 percent

MPS 166 - 2 to 3 percent.

3. PETROGRAPHY/MINERAGRAPHY

.. Specimen No: MPS 164/NEV 022R(A)

Field Identification: Gossan.

Petrographic Identification: Sheared serpentinite.

Chemical analyses (Pontifex, 1973) indicates this specimen to be an extensively ferruginised ultramafic rock since it contains high Ni and Cr, low to medium Cu and Mn, low Pb and Zn. The chemical analysis of MPS 164 is as follows :- Cr 2.5%, Zn 300 ppm, Ni 3,000 ppm; W 300 ppm; Nb 300 ppm; Ba 1,000 ppm; Ca 100 ppm; Ti 300 ppm and Cu 100 ppm. All results except that for Cr were obtained by spectrography.

Hand specimen shows an abundance of cataclased chromite (actually ~ 3 volume percent) which is accumulated along shear planes. Checked by Central Mineralogical Services (Ref. 1), it was found by XRD and optically confirmed to be a magnesium rich chromite. A characteristic purplish tarnish is noted on surface exposed grains.

Thin section shows the specimen to be largely silicified by cherty quartz and then veined by coarser secondary quartz. Shows a sheared serpentinitiferous texture but with fibrolamellar antigorite (or its ferruginised pseudomorphs) as islands sporadically distributed and enclosed by brown irregular vein patterns of limonite and later secondary quartz. Smaller grains of magnetite are part-altered to goethite leaving octahedral leach patterns which are largely translucent red by transmitted light. Part of the specimen was crushed and ground in a mill and liberated fine magnetite in the specimen was found to be attracted by a hand magnet.

Polished section indicates octahedra of unaltered chromite (0.05 to 0.27 mm) concentrated along shear planes which show a faintly brownish red internal reflection, otherwise a white-grey reflectivity. Neighbouring magnetite grains show alteration to goethite, are pitted and leached but not fragmented. Chromite

has a smooth polish and is fragmented but otherwise unaltered. The rock groundmass has a sheared serpentiferous texture, shows later replacement by quartz and porous limonite that surrounds groups of chromite and altered magnetite grains. Chromite is present at about 3 volume percent, mainly concentrated along shear planes.

.. Specimen No: MPS 165/602 NEV 022R(B)

Field Identification: Gossan sample.

Petrographic Identification: Sheared serpentinite.

Hand specimen shows a whitish surface efflorescence which after scraping off and lightly crushing in a mortar and using a microscopical technique involving RI oils it is seen to be fine cherty quartz.

Thin-section shows a broadly similar structure to that seen in the preceding specimen (MPS 164). Antigorite as fibrolamellar forms are seen to be pseudomorphed by spotty limonite structures in secondary quartz mosaics. Similarly serpentinitiferous vein-like forms are specked with illite, are quartz replaced and the specimen is observed as a silicified sheared serpentinite with specky illite which outlines the serpentinite texture.

Polished section shows coarse octahedral and square sections of chromite with a high reflectivity and faint pinkish internal reflectivity. The grains are approximately 0.15 mm in size and several are cataclased though remaining chemically unaltered. Fine veinlets of goethite are surrounded by diffusive zones of limonite that stain secondary quartz occupying the remainder of section. Veins of secondary quartz cut across the veins of goethite suggesting a later silicification of weathered rock. Rounded, altered olivine grains, now ferruginised are seen to be surrounded by goethitic fibrous zones of altered chrysotile and a structure of platy antigorite is plainly preserved in one sector of this section. Radiate fibrous 'chrysotile' surrounds cavities now filled by quartz.

A possible rhombohedral carbonate structure forms regular patterns in one sector. Altered magnetite grains are not observed in this section. The goethite (high reflectivity): limonite ratio is high for all three specimens examined and this has helped to preserve some textures which might otherwise have been destroyed.

Chromite is present from 1-2 volume percent.

/....

.. Specimen No: MPS 166/602 NEV 024R

Field Identification: Gossan.

Petrographic Identification: Serpentinite (after peridotite).

Thin-section indicates a weathered serpentinite containing a random network of limonite specked cherty veins and parallel bands of lenticular quartz which are alternately clear and limonite specked. No bastite relicts are seen, though altered silicified olivine forms are identifiable, surrounded by limonite specked chert septae. Large grains of chromite are fragmented. Polished section shows few recognisable textures because of widespread replacement by quartz which eliminates much of the serpentinite as seen in thin section.

Chromite grains of fresh appearance are subhedral to anhedral, are also rounded and veined along fractures, some showing shatter. Many chromite crystals are smaller (0.05-0.07 mm) than for those seen in MPS 164 and 165 and are commonly distributed along laminae and bands of goethite. Larger chromite grains (~ 0.30 mm) are rare and isolated by secondary quartz. Shear horizons within the serpentinite are limited in this specimen but compared with MPS 164 and 165, the specimen shows greater silicification and less ferruginisation. The silicification has preserved the typical serpentine textures as seen in thin section and hand specimen observation. Leached cavities are filled by opaline silica.

An estimated 2 to 3 volume percent of chromite is present.

REFERENCE

PONTIFEX, I.R. :

The Concept of Gossan Identification. Aus. Nat.
University Symposium, August, 1973.

APPENDIX

Central Mineralogical Services Report, CMS 79/9/33, dated
1st October, 1979.



A.C.S. Laboratories Pty. Ltd.

SEMI-QUANTITATIVE EMISSION SPECTROSCOPY

P.O. BOX 3
UNLEY, S.A. 5061
PHONE: 272 5733

All Values in ppm

Samples from: Pacminex Pty.Ltd.

Area: Zeehan, Tas.

Samples of: Rock.

Batch No.: A 2905.

Sheet No.: 1.

Date: 28/5/79.

(

SAMPLES WILL BE DISPOSED OF AFTER TWO MONTHS UNLESS WE ARE OTHERWISE ADVISED

Preparation: None.

Distribution: Pacminex Pty.Ltd.

Signed:

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105040

The Australian
Mineral Development
Laboratories

amdel

NATA CERTIFICATE

AC 3/8/9/0 - 5043/7

30 July 1979,

REPORT COMPLETE

Mr. P. Macnamera,
CSR Exploration,
G.P.O. Box 483,
SYDNEY N.S.W. 2001

REPORT AC 5043/79

YOUR REFERENCE:

Order No 18264. Prospect No 602.
Application dated 5 June 1979.

IDENTIFICATION:

As listed.

DATE RECEIVED:

13 June 1979.

ANALYSIS ppm

SAMPLE MARK	TIN Sn	TUNGSTEN W	NIOBIUM Nb	TANTALUM Ta	CERIUM Ce
602NEV 124	<4	<10	<4	<10	<20
602NEV 125	<4	<10	<4	<10	30
602NEV 126	<4	<10	<4	<10	80
602NEV 127	<4	<10	<4	<10	40
602 753	48	<10	<4	<10	50
602 754	520	<10	<4	<10	60
602 755	34	<10	<4	<10	20
602 756	155	<10	<4	10	90

METHOD: B1

Enquiries quoting AC 5043/79 to the Manager please

D. K. Rowley
Manager
Analytical Chemistry Division

for Norton Jackson

for Norton Jackson
Managing Director

dg

Pilot Plant: Osman Place
Thebarton S.A.
Telephone 438053
Branch Laboratory: Perth



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APPENDIX IV

Cuni Grid : Soil Sample Analyses 1979

Part I : Check Analyses of Anomalous
Samples listed in Part II

Part II : Initial Soil Sample Analyses

<u>Line</u>	<u>Sample Numbers</u>
8341 N	602 CG 001 - 117
7485 N	521 - 525
6750 N	151 - 306
6080 N	405 - 500
5700 N	501 - 517

AREA EL 15/76
STATE TAS LOCATION Dundas
CUNI GRID

PROSPECT NUMBER 602
1:100,000 SHEET 7914 Pieman

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL _____

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm, µm, microns)	CHEMICAL ANALYSES (ppm)																										LOCATION	
																													E/W	N/S
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	Co	Cr	Sb	Mo	W	As	Mn	Ba	Ca	Ti										
AX A/E	602CG 106	-20 -80	<5 <1	70 85	400 310	30 30	20 <20	1 5	135 120	30 40	35 10			10 <50				300 30												
AX A/E	107	-20 -80	5 <1	70 100	470 540	30 40	20 <20	1 5	145 100	35 50	70 60			10 <50				300 100		10 000										
AX A/E	108	-20 -80	5 <1	15 30	40 50	65 60	10 <20	1 5	<0.2 <3	20 30	5 50	60 <30		10 <50				300 300		10 000										
AX A/E	109	-20 -80	175 50	40 45	60 60	135 130	20 <20	2 5	20 20	5 <5	60 70	<30 <30		10 <50				100 300		3 000										
AX A/E col.	602CG 151 SA	-20 -80 -80	<5 50 -	2 15 -	310 380 -	15 90 -	35 <20 -	3 5 0.015	<0.2 <3 -	600 520 -	155 240 80 700	>10 000 <30 -		50 300 <2				300 300												
AX A/E col.	152 SA	-20 -80 -80	<5 30 -	2 20 -	90 260 -	30 70 -	15 <20 -	1 5 <0.01	290 300 -	95 180 -	8000 >10 000 -	<30 <30 -		30 300 <2				300 300												
AX A/E	158 SA	-20 -80 -80	<5 10 -	5 15 -	220 200 -	40 50 -	20 <20 -	2 5 -	270 140 -	120 110 50 800	>10 000 >10 000 -	<30 <30 -		20 100 -				300 300												
AX A/E col	602CG 192 SA	-20 -80 -80	<5 <1 -	95 100 -	105 100 -	60 60 -	30 <20 -	3 5 -	<0.2 <3 -	160 120 -	270 310 -	210 110 -		10 <50 -				1000 30 20		100										
AX A/E col	193 SA	-20 -80 -80	10 1 -	40 50 -	85 90 -	65 70 -	20 <20 -	1 5 -	<0.2 <3 -	95 70 -	10 15 -	660 530 -		10 <50 -				10 30 300		300										
AX A/E col WET	194 SA	-20 -80 -80	600 1000 -	900 780 -	2100 770 13300	>10000 <20 -	15 <20 -	>25 55 0.015	<0.2 <3 -	135 90 -	35 30 -	200 200 -		5 <50 -				1000 100 300		300										
AX A/E col	602CG 195 SA	-20 -80 -80	<5 3 -	115 120 -	760 750 -	350 320 -	20 <20 -	3 5 -	<0.2 <3 -	165 130 -	40 30 -	170 120 -		20 <50 -				1000 1000 3000		500										

105042

A/E: AAS for Co, Zn, Pb, Bi, Ag, Ni, Co, Cr ; Emission - Sn, W, Mo (Cr), Mn, Sb, Au, As

AX: AAC - XRF for Sn, W

AREA ELIS/76
STATE TAS LOCATION Dundas

PROSPECT NUMBER 602
1:100,000 SHEET

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL _____

CONE GRID

SAMPLE NUMBER		SAMPLE TYPE	APERTURE (mm)	CHEMICAL ANALYSES (ppm)																								LOCATION	
				Sn	Cu	Zn	Pb	Bc	Ag	Au	Ni	Co	Cr	Sb	Mo	W	As	Mn	E/W	N/S									
AX	602CG 196	SA	-20	5	170	1400	270	15	3	<0.2	120	40	250		20														
A/E			-80	<1	150	1190	100	<20	5	<3	80	30	140	<30	<3	<50	<50	1000											
col			-80											<2															
AX	264	SA	-20	15	80	5700	140	10	1		120	75	1700		50														
A/E			-80	10	70	5130	100	<20	10	<3	70	40	750	<30	<3	<50	<50	1000											
AX	372	SA	-20	<5	150	2800	5200	30	2	<0.2	270	70	80		40														
A/E			-80	<1	130	3000	4090	<20	5	<3	170	50	85	<30	<3	<50	<50	1000											
AX	396	SA	-20	5	5	370	15	35	3		480	185	109000		50														
A/E			-80	<1	5	430	80	<20	5	<3	370	200	>10000	<30	<3	300	<50	1000											
col			-80												<2														
AX	602CG 415	SA	-20	10	85	120	25	10	1		160	40	145		10														
A/E			-80	1	90	150	20	<20	5	<3	100	40	60	<30	10	<50	<50	1000											
AX	416	SA	-20	120	420	120	30	20	1		250	20	95		20														
A/E			-80	<1	410	110	30	<20	5	<3	210	35	35	<30	<3	<50	<50	1000											
AX	417	SA	-20	150	260	130	35	20	2		190	30	150		30														
A/E			-80	<1	240	130	30	<20	5	<3	150	45	60	<30	<3	<50	<50	1000											
AX	442	SA	-20	<5	25	165	25	20	2		115	35	35		10														
A/E			-80	<1	30	190	30	<20	5	<3	100	50	40	<30	<3	<50	<50	1000											
AX	445	SA	-20	95	20	60	20	20	1		45	15	75		10														
N/L			-80	<1	30	70	20	<20	5	<3	40	30	40	<30	<3	<50	<50	300											
AX	454	SA	-20	60	40	105	20	20	1		60	15	110		<10														
A/E			-80	<1	45	130	30	<20	5	<3	50	30	40	<30	<3	<50	<50	1000											
col			-80											<20															
AX	457	SA	-20	20	75	185	60	15	1		20	10	65		10														
A/E			-80	1	90	220	60	<20	5	<3	20	20	35	<30	<3	<50	<50	1000											

105043

A/E = AAS on Cu Zn Pb Bc Ag, Ni, Co, Cr ; Emission - Sn, W, Mo, Mn, (Cr) Sb, As, Au.

AREA EL 15/76
STATE TAS LOCATION Dundas

PROSPECT
NUMBER
1:100,000
SHEET

DATE
SAMPLED
SAMPLER

LABORATORY
REPORT NO.
ANALYTICAL
METHOD

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

ANALYSES:

CUNI GRID

SAMPLE NUMBER	SAMPLE TYPE	ADVENTURE (KIRBY/ MICROB)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	Co	Cr	Sb	Mo	W	As	Mn		E/W	N/S
AX 602 CG 521	R		<5	2	150	25	35	3		1000	150	>10000 29000			60					
AX 522	R		<5	2	210	20	35	3		960	200	>10000 41800			40					
AX 523	R		<5	<2	30	5	15	1		960	70	920			10					
AX 524	R		<5	2	135	20	30	2		900	175	>10000 32900			60					
AX 525	R		<5	5	35	10	30	1		135	20	115			<10					

105044

AREA E L 15/76 DUNDAS

PROSPECT NUMBER 602

DATE SAMPLED FEBRUARY - APRIL 1978

LABORATORY REPORT NO.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

STATE (ONTARIO) LOCATION (CONE GRID)

SHEET PHENIX 7114

SAMPLER

ANALYTICAL METHOD

-20 mesh: Emission Spec.

ANALYSES:

-80: A.A.S.

105045

LINE 8341N along Nth border of E.L.

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (MESH/ MICRONS)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/S
105045-01	SA	-20	<1	1.00	300	1	1	1	<3	30			0-0.2m quartzite (Ng?) 0.2-1.0m medium-grained chloritic green volcanic or fine greywacke (tuff?).	006200E	008341N
		-80		1.00	400	25									
0602CG0002	SA	-20	<1	30	<20	<1	<1	1	<3	10			0-0.2m quartzite (Ng?) 0.2-0.5m dark greenish-grey siltstone or volcanic/tuff?	006190E	008341N
		-80		60	85	20									
105045-03	SA	-20	<1	3	<20	<1	<1	<1	<3	3			0-0.3m hard white quartzitic siltstone (in situ? on top of ridge).	006180E	008341N
		-80		2	10	10									
105045-04	SA	-20	<1	10	<20	<1	<1	<1	<3	3			0-0.3m white quartzite fragments (in situ?)	006170E	008341N
		-80		2	5	2									
0602CG0005	SA	-20	<1	3	20	<1	<1	<1	<3	3			0-0.2m quartzite rubble-hard base (Ng?)	006160E	008341N
		-80		2	2	10									
0602CG0006	SA	-20	<1	3	<20	<1	<1	<1	<3	<3			0-0.3m hard white quartzite fragments (in situ?)	006150E	008341N
		-80		2	10	10									
0602CG0007	SA	-20	<1	30	300	1	<1	<1	<3	3			Weathered greenish-brown silty clay - ? volcanic/tuff/siltstone.	006140E	008341N
		-80		1.15	690	1.05									
0602CG0008	SM	-20	<1	10	<20	3	<1	3	<3	10			Black oolitic chert, pink chert, 5" chert and chert rubble. No granite.	006130E	008341N
		-80	<5	2	25	30			<0.2						
0602CG0009	SA	-20	<1	100	1000	10	3	<1	<3	<3			0-0.4m deep yellow-brown clayey siltstone (volcanic?).	006120E	008341N
		-80		90	530	85									
0602CG0010	SA	-20	<1	30	300	3	1	<1	<3	<3			0-0.3m rounded quartzite boulders, 0.3-0.6m greenish-brown clayey siltstone (greywacke/volcanic?).	006110E	008341N
		-80		60	310	35									
0602CG0011	SA	-20	<1	10	<20	<1	<1	<1	<3	3			0-0.4m grey-white quartzite fragments.	006100E	008341N
		-80		2	2	5									
0602CG0012	SA	-20	<1	3	<20	<1	<1	<1	<3	<3			0-0.3m grey quartzite rubble and pink cherty shale fragments (in situ on terrace?)	006090E	008341N
		-80		2	2	5									
0602CG0013	SA	-20	<1	10	<20	1	1	<1	<3	<3			0-0.7m grey sandy quartzite fragments, 0.7-1.0m yellow-brown and white clay (shale?).	006080E	008341N
		-80		70	60	35									
0602CG0014	SA	-20	<1	10	<20	1	<1	<1	<3	<3			0-0.6m grey quartzite fragments Not to c/rock?	006070E	008341N
		-80		2	5	20									
0602CG0015	SA	-20	<1	10	<20	<1	<1	<1	<3	<3			0-0.3m grey quartzite fragments in sandy quartzitic soil. Not to c/rocks?	006060E	008341N
		-80		2	5	5									
0602CG0016	SA	-20	<1	1	<20	<1	<1	<1	<3	<3			0-0.3m clayey pale brown soil, 0.3m quartzite-hard base Not to c/rock?	006050E	008341N
		-80		2	10	30									
0602CG0017	SA	-20	<1	1	<20	<1	<1	<1	<3	3			0-0.8m quartzite rubble, 0.8-1.0m brown limonitic shaly siltstone	006040E	008341N
		-80		5	65	95									
0602CG0018	SA	-20	<1	100	30	30	<1	<1	<3	10			0-0.2m mud/quartzite rubble, 0.2-0.6m dark greenish-brown clayey siltstone (volcanic/greywacke?)	006030E	008341N
		-80		170	210	185									
0602CG0019	SA	-20	1	100	<20	1000	<1	<1	<3	3			0-0.5m mud/quartzite fragments, 0.5-1.0m light brown to grey shale & Unit shales (Unit shale?)	006020E	008341N
		-80		130	110	185									
0602CG0020	SA	-20	<1	100	1000	3000	1	<1	<3	10			0-0.3m mud/quartzitic gravels/shale fragments, 0.3-0.6m greyish shale (Nth?)	006010E	008341N
		-80		120	1600	700									
0602CG0021	SM	-20	1	30	<20	<1	<1	<1	<3	<3			Clotides of quartzite (Ng?), red chert, pink-red cherty shale. No Unit oolitic chert seen.	006003E	008341N
		-80	<5	2	5	10			<0.2						
0602CG0022	SA	-20	<1	100	1000	3	3	<1	<3	<3			0.2-0.4m mud/quartzite fragments, 0.4m dark yellow-brown sandy clay (tuff?).	006000E	008341N
		-80		200	570	70									

ELGIN MINING LTD. - SAMPLE DATA SHEET

AREA EL15/76 Dundas PROSPECT NUMBER 602
 STATE TAS LOCATION CuniGrid SHEET 7914 Pieman
 LINE 8341N along North EL boundary

DATE SAMPLED April 78
 SAMPLER M.V. / P.M.M.

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20 mesh: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL

105046

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (SIEVE/ MICRONS)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As	U308											E/W	N/E LINE
602 CG 001	SA	-20	<5	30	<30																
		-80																			
002	SA	-20	<5	<20	<30																
		-80																			
003	SA	-20	<5	<20	<30																
		-80																			
004	SA	-20	<5	<20	<30																
		-80																			
005	SA	-20	<5	30	<30																
		-80																			
006	SA	-20	<5	30	<30																
		-80																			
007	SA	-20	<5	<20	<30																
		-80																			
008	SA	-20	<5	100	<30																
		-80			<10		<5			4											
009	SA	-20	<5	<20	<30																
		-80																			
602 CG 010	SA	-20	<5	<20	<30																
		-80																			
011	SA	-20	<5	<20	<30																
		-80																			
012	SA	-20	<5	<20	<30																
		-80																			
013	SA	-20	<5	<20	<30																
		-80																			
014	SA	-20	<5	30	<30																
		-80																			
015	SA	-20	<5	<20	<30																
		-80																			
016	SA	-20	<5	<20	<30																
		-80																			
017	SA	-20	<5	<20	<30																
		-80																			
018	SA	-20	<5	30	<30																
		-80																			
019	SA	-20	<5	30	<30																
		-80																			
602 CG 020	SA	-20	<5	30	<30																
		-80																			
021	M	-20	<5	<20	<30																
		-80			<10		<5			2											
022	SA	-20	<5	<20	<30													6000E	8341N		
		-80																			

AREA FL 15/76 DUNDAS
STATE IN MINN LOCATION CUNI GRIDPROSPECT
NUMBER 602
1:100,000
SHEET PIEMIN 7914DATE FEBRUARY - APRIL, 1978
SAMPLED
SAMPLERLABORATORY
REPORT NO.
ANALYTICAL
METHOD - 20 mesh: Emission Spec (*)
- 80: A.A.S.; XRF (Sn)

NOTATIONS: SAMPLE TYPE -

F - Flot
M - Crack mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105047

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (microns)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/S
602CG0023	SA	-20	< 1	10	30	3	< 1	< 1	< 3	< 3			0-2m yellow-brown limonitic clay (shale?)	605990E	778341N
		-80		35	60	145									
602CG0024	SA	-20	< 1	10	30	1000	< 1		< 3	< 3			0-0.4m yellow-brown clay (shale?)	605980E	778341N
		-80		45	120	1500									
602CG0025	SA	-20	< 1	1	< 20	< 1	< 1	< 1	< 3	< 3			As for 602CG0024	605970E	778341N
		-80		20	25	20									
602CG0026	SA	-20	< 1	1	< 20	< 1	< 1	< 1	< 3	< 3			0-0.5m yellow-brown clay (shale?)	605960E	778341N
		-80		20	25	15									
602CG0027	SA	-20	< 1	10	< 20	< 1	< 1	< 1	< 3	< 3			As for 602CG0026	605950E	778341N
		-80		40	40	30									
602CG0028	SA	-20	< 1	30	< 20	< 1		< 1	< 3	< 3			0-0.4m deep yellow-brown clay	605940E	778341N
		-80		55	50	30									
602CG0029	SA	-20	< 1	30	< 20	1	< 1	< 1	< 3	< 3			As for 602CG0028 with quartz fragments?	605930E	778341N
		-80		55	50	65									
602CG0030	SA	-20	< 1	10	< 20	< 1		1	< 3	< 3			0-0.2m clay & quartz fragments 0.2-0.5m deep yellow-brown clay	605920E	778341N
		-80		35	45	35									
602CG0031	SA	-20	< 1	30	< 20	< 1		1	< 3	< 3			As for 602CG0029	605910E	778341N
		-80		45	50	25									
602CG0032	SA	-20	< 1	10	< 20	< 1		1	< 3	< 3			0-0.3m as for 602CG0029	605900E	778341N
		-80		25	30	30									
602CG0033	SA	-20	< 1	10	100	< 1		1	< 3	< 3			0-0.8m clay with quartz fragments. 0.8-1.0m deep yellow-brown clay	605890E	778341N
		-80		20	150	40									
602CG0034	SA	-20	< 1	30	< 20	1		1	< 3	< 3			0-0.8m clay with quartz fragments. 0.8-1.0m green-brown clay (shale?)	605880E	778341N
		-80		35	50	40									
602CG0035	SA	-20	< 1	30	< 20	1		3	< 3	3			0-0.9m quartz fragments in sandy clay	605870E	778341N
		-80		85	90	40									
602CG0036	SA	-20	< 1	30	< 20	< 1		1	< 3	< 3			0-0.3m alluvial/clay. 0.3-0.4m deep yellow-brown clay	605860E	778341N
		-80		65	85	35									
602CG0037	SA	-20	< 1	30	50	< 1		1	< 3	< 3			As for 602CG0028	605850E	778341N
		-80		65	185	20									
602CG0038	SA	-20	< 1	30	< 20	1		1	< 3	< 3			0.0-0.2m clay. 0.2-0.3m reddish-yellow to brown clay (silty shale c/rock?)	605840E	778341N
		-80		80	120	70									
602CG0039	SA	-20	< 1	30	< 20	1		1	< 3	< 3			Pale cream to yellow clayey silt	605830E	778341N
		-80		45	30	30									
602CG0040	SA	-20	< 1	30	< 20	3		1	< 3	< 3			0-0.3m yellow-brown clay	605820E	778341N
		-80		60	185	45									
602CG0041	SA	-20	< 1	10	50	300	< 1	< 1	< 3	10			As for 602CG0040	605810E	778341N
		-80		65	310	560									
602CG0042	SA	*	1	100	300	3000	< 1	3	< 3				Flot. limonitic quartzite fragments. Some Mn-limonite fragments.	605800E	778341N
602CG0043	SA	-20	< 1	30	50	1000	< 1	< 1	< 3	30			Red shale	605790E	778341N
		-80		55	250	580									
602CG0044	SA	-20	< 1	30	30	100	< 1	< 1	< 3	< 3			0-0.3m greenish yellow-brown limonitic clayey silty soil (loess/gneiss?)	605780E	778341N
		-80		50	150	150									

PROMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76 Dundas PROSPECT NUMBER 602
 STATE TAS LOCATION CuNiGRID SHEET 7914
 LINE 834IN

DATE SAMPLED April 78
 SAMPLER M.V. / P.M.M.

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20 mesh Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105048

SAMPLE NUMBER	ANALYST	ANALYSIS	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb	Mo	W	As	U										EN	N/E LINE
602CG 023 SA		-20	< 5	< 20	< 30														5990E	834IN
		-80																		
024 SA		-20	< 5	< 20	< 30															
		-80																		
025 SA		-20	< 5	< 20	< 30															
		-80																		
026 SA		-20	< 5	< 20	< 30															
		-80																		
027 SA		-20	< 5	< 20	< 30															
		-80																		
028 SA		-20	< 5	< 20	< 30															
		-80																		
029 SA		-20	< 5	< 20	< 30															
		-80																		
602CG 030 SA		-20	< 5	< 20	< 30															
		-80																		
031 SA		-20	< 5	< 20	< 30															
		-80																		
032 SA		-20	< 5	< 30	< 30															
		-80																		
033 SA		-20	< 5	< 20	< 30															
		-80																		
034 SA		-20	< 5	< 20	< 30															
		-80																		
035 SA		-20	< 5	< 30	< 30															
		-80																		
036 SA		-20	< 5	< 20	< 30															
		-80																		
037 SA		-20	< 5	< 20	< 30															
		-80																		
038 SA		-20	< 5	< 20	< 30															
		-80																		
039 SA		-20	< 5	< 100	< 30															
		-80																		
602CG 040 SA		-20	< 5	< 20	< 30															
		-80																		
041 SA		-20	< 5	< 30	< 30															
		-80																		
042 F																				
043 SA		-20	< 5	< 20	< 30															
		-80																		
044 SA		-20	< 5	< 20	< 30														5790E	834IN
		-80																		

AREA E.L 15/76, DUNDAS
STATE TASMANIA LOCATION CUNI GRIO

PROSPECT NUMBER 602
SHEET PIEMIN 7/14

DATE FEBRUARY - APRIL, 1978
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20 mesh: Spectro (Emission)
-80: AAS; XRF (Sn)

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105049

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/S
6602CG045	SH	-20	<1	100	300	100	1	<1	<3	<3			0-0.3m yellow-brown clay (minor quartz pebbles). 0.3-0.9m yellow-brown clay	005780E	008341N
		-80		200	660	125									
6602CG046	SH	-20	<1	30	<20	30	1	1	<3	<3			0-0.2m yellow-brown clay. 0.2-0.7m deep yellow clay.	005770E	008341N
		-80		25	45	95									
6602CG047	SH	-20	<1	10	<20	1	<1	<1	<3	<3			0-0.9m pale yellow-brown clay	005760E	008341N
		-80		175	100	85									
6602CG048	SH	-20	<1	30	<20	1	<1	<1	<3	<3			0-0.2m pale brown-yellow clay with goethite fragments. 0.2-0.7m pale yellow-brown clay	005750E	008341N
		-80		100	70	55									
6602CG049	SH	-20	<1	100	<30	3	3	1	<3	<3			0-0.9m yellow-brown clay. Some reddish-pink bands	005738E	008341N
		-80		135	95	35									
6602CG050	SH	-20	<1	100	30	30	1	3	<3	<3			0-0.4m yellow-brown clay. Some laminated shale fragments. 0.4-0.7m pale yellow-brown clay	005730E	008341N
		-80		50	60	65									
6602CG051	SH	-20	<1	100	30	30	1	1	<3	<3			0-0.2m yellow-brown clay. 0.2-0.9m yellow-orange-brown clay.	005720E	008341N
		-80		90	70	95									
6602CG052	SH	-20	<1	100	30	10	1	<1	<3	<3			0-0.3m yellow-brown sandy clay. 0.3-0.9m yellow-brown clay with quartz fragments. Some reddish bands	005710E	008341N
		-80		95	65	45									
6602CG053	SH	-20	<1	100	300	3	1	<1	<3	<3			0-0.2m dark yellow-brown clay with quartz fragments. 0.2-0.9m yellow-brown clay with some white bands	005700E	008341N
		-80		175	280	55									
6602CG054	SH	-20	<1	100	300	30	1	<1	<3	<3			0-0.3m brown-yellow clay with quartz fragments. 0.3-0.7m yellow-brown clay with white bands	005690E	008341N
		-80		95	280	120									
6602CG055	SH	-20	<1	100	100	30	1	<1	<3	<3			0-0.2m brown-yellow clay. 0.2-0.5m yellow-brown clay. 0.5-0.9m deep yellow brown clay with white clay flecks ('shale bedrock')	005680E	008341N
		-80		200	195	170									
6602CG056	SH	-20	<1	100	30	10	1	<1	<3	<3			0-0.3m yellow-brown clay. 0.3-0.9m yellow to red-brown clay	005670E	008341N
		-80		75	120	70									
6602CG057	SH	-20	<1	100	30	10	1	<1	<3	<3			0-0.3m grey-brown clay with quartz fragments. 0.3-0.7m bright yellow-brown clay with white flecks.	005660E	008341N
		-80		120	100	65									
6602CG058	SH	-20	<1	30	<20	3	<1	<1	<3	<3			0-0.2m brown-yellow clay. 0.2-0.9m yellow-brown-orange clay	005650E	008341N
		-80		85	70	65									
6602CG059	SH	-20	<1	100	30	1	<1	<1	<3	<3			0-0.2m yellow-brown to khaki clay. 0.2-0.9m yellow-brown-orange clay	005640E	008341N
		-80		120	90	50									
6602CG060	SH	-20	<1	30	<20	<1	1	<1	<3	<3			0-0.2m khaki clay with minor quartz & goethite fragments. 0.2-0.7m yellow-brown clay	005630E	008341N
		-80		75	55	25									
6602CG061	SH	-20	<1	100	30	3	<1	<1	<3	<3			0-0.3m brown-yellow clay with goethite nodules. 0.3-0.5m yellow-brown clay. 0.5-0.7m yellow-brown-red clay ('banded shale')	005620E	008341N
		-80		105	95	50									
6602CG062	SH	-20	<1	100	<20	30	<1	<1	<3	<3			0-0.2m brown-yellow to khaki clay. 0.2-0.4m orange-yellow-brown clay. 0.4-0.7m yellow-brown-red banded clay	005610E	008341N
		-80		165	65	65									
6602CG063	SH	-20	<1	100	<20	3	1	<1	<3	<3			0-0.1m brown-khaki clayey soil. 0.1-0.4m yellow-brown clay. 0.4-0.8m crimson to red-brown clay	005600E	008341N
		-80		75	60	55									
6602CG064	SH	-20	<1	100	<20	10	1	<1	<3	<3			0-0.1m khaki clayey soil. 0.1-0.3m yellow-brown clay. 0.3-0.7m crimson to red-brown clay	005590E	008341N
		-80		90	55	45									
6602CG065	SH	-20	<1	100	30	<1	<1	<1	<3	<3			0-0.2m khaki clay with minor iron and quartz fragments. 0.2-0.5m yellow-brown clay. Banded? at base of hole.	005580E	008341N
		-80		155	50	35									
6602CG066	SH	-20	<1	100	30	1	1	<1	<3	<3			0-0.3m brown-khaki clay. 0.3-0.5m yellow-brown clay. 0.5-0.7m pale yellow to brown banded clay.	005570E	008341N
		-80		75	45	35									

MINERAL DATA SHEET

AREA ELIS/76 Dundas PROSPECT NUMBER 1:100,000
STATE TAS LOCATION CUNIGRID SHEET

DATE SAMPLED
SAMPLER

LABORATORY REPORT NO.
ANALYTICAL METHOD -20 mesh: Emission Spec

NOTATIONS: SAMPLE TYPE -- M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105050

LINE 8341N

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)																																																																																																																																																																																																																																																																																																																																																																																
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AREA EL 15/76, DUNOIS
STATE TASMANIA LOCATION CUNI GRID

PROSPECT NUMBER 602
1:100,000 SHEET PIEMAN 7914

DATE FEBRUARY - APRIL 1978
SAMPLER

LABORATORY REPORT NO. 20mesh: Emission Spec.
ANALYTICAL METHOD -80: AAS; XRF(Sn)

NOTATIONS: SAMPLE TYPE M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL 105051

SAMPLE NUMBER	ANALYSE TYPE	DEPTH (M)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	E/W	N/S									
6602CG0667	SA	-20	<1	100	<20	10		<1	<3	<3	0-0.2m khaki clay - some goethite & quartz fragments. 0.2-0.6m yellow-brown clay	005569E	008341N								
		-80		40	25	25					0.6-0.9m mauve to brown (chocolate) clay										
6602CG0668	SA	-20	<1	1	<20	<1	<1	<1	<3	<3	0-0.2m khaki to brown clay. 0.2-0.7m yellow-brown clay. 0.7-0.9m mauve to brown (chocolate) clay	005550E	008341N								
		-80		75	30	25															
6602CG0669	SA	-20	<1	10	<20	1	1	1	<3	<3	0-0.1m khaki to mauve-brown clay. 0.1-0.7m mauve to brown (chocolate) clay.	005510E	008341N								
		-80		20	20	20															
6602CG0670	SA	-20	<1	10	50	1	1	<1	<3	<3	0-0.1m mauve-brown to khaki clay. 0.1-0.9m mauve-brown (chocolate) clay	005536E	008341N								
		-80		25	135	15															
6602CG0671	SA	-20	<1	3	100	<1	<1	<1	<3	<3	0-0.2m river gravels. 0.2-0.6m khaki-brown to mauve clay with quartz fragments	005520E	008341N								
		-80		15	310	15															
6602CG0672	SA	-20	<1	100	300	1000	<1	<1	<3	<3	0-0.2m river gravels. 0.2-0.5 green-grey clay	005510E	008341N								
		-80		230	320	185															
6602CG0673	SA	-20	<1	10	<20	<1	<1	<1	<3	<3	0-0.1m pale brown-grey clay. 0.1-0.4m light grey clay with quartzite fragments.	005500E	008341N								
		-80		5	5	2															
6602CG0674	SA	-20	<1	30	30	1	<1	<1	<3	<3	River gravels with abundant light grey quartzite cobbles and fragments.	005517E	008341N								
		-80		5	10	65	20		<0.2												
6602CG0675	SA	-20	<1	30	<20	1	<1	<1	<3	<3	0-0.8m light brown silty clay with quartz fragments. 0.8-1.0m pale brown to chocolate brown silty clay.	005490E	008341N								
		-80		25	15	25															
6602CG0676	SA	-20	<1	3	<20	<1	<1	<1	<3	<3	0-0.1m pale grey to white clay. 0.1-0.8m pale grey silty clay with quartz and quartzite fragments	005480E	008341N								
		-80		2	5	10															
6602CG0677	SA	-20	<1	3	<20	<1	<1	<1	<3	<3	0-0.9m pale grey sandy clay with quartz and quartzite fragments	005418E	008341N								
		-80		2	10	15															
6602CG0678	SA	-20	<1	30	100	3	1	1	<3	<3	0-0.6m pale yellow-brown clay with quartz fragments. 0.6-0.9m dark mauve-brown clay	005410E	008341N								
		-80		25	110	30															
6602CG0679	SA	-20	<1	10	<20	<1	<1	<1	<3	<3	0-0.7m yellow-brown clay. 0.7-0.9m mauve-brown clay.	005400E	008341N								
		-80		25	25	25															
6602CG0680	SA	-20	<1	30	100	3	<1	1	<3	<3	0-0.3m yellow-brown clay. 0.3-0.9m mauve clay with yellow limonite? nodules	005389E	008341N								
		-80		50	105	30															
6602CG0681	SA	-20	<1	30	<20	10	1	<1	<3	3	0-0.4m yellow-brown clay. 0.4-0.5m yellow-brown clay with quartz fragments.	005386E	008341N								
		-80		60	90	50					0.5-0.9m greenish-yellow clay with crimson brown streaks.										
6602CG0682	SA	-20	<1	30	30	10	1	3	<3	10	0-0.4m pale chocolate brown clay. 0.4-0.7m pale yellow clay with quartz fragments.	005374E	008341N								
		-80		40	155	65					0.7-0.9m greenish yellow clay.										
6602CG0683	SA	-20	<1	10	30	<1	<1	1	<3	3	0-0.4m pale brown clay. 0.4-0.5m yellow brown clay with quartz fragments.	005360E	008341N								
		-80		55	210	20					0.5-0.9m yellow to bluish green clay with brown streaks.										
6602CG0684	SA	-20	<1	30	100	1	<1	3	<3	3	0-0.3m yellow clay. 0.3-0.5m yellow brown clay with quartz fragments. 0.5-0.9m yellow-green to pale bluish-green clay	005356E	008341N								
		-80		40	220	20															
6602CG0685	SA	-20	<1	10	30	3	<1	3	<3	<3	0-0.9m pale yellow grey clay grading into yellow-brown clay with orange brown streaks.	005339E	008341N								
		-80		30	45	45															
6602CG0686	SA	-20	<1	10	<20	3	<1	<1	<3	3	0-0.6m pale brown clay. 0.6-0.9m pale blue grey to khaki clay with yellow brown streaks.	005325E	008341N								
		-80		35	105	35															
6602CG0687	SA	-20	<1	30	<20	1	<1	<1	<3	3	0-0.9m deep yellow-brown clay.	005320E	008341N								
		-80		190	125	110															
6602CG0688	SA	-20	<1	100	30	3000	<1	<1	<3	<3	0-0.2m pale brown clay. 0.2-0.9m pale bluish grey clay with brown streaks	005311E	008341N								
		-80		310	160	270															

MINING D. NAME DASH

AREA EL14/76 Dundas
STATE TAS LOCATION CUN1 GRID
LINE 8341NPROSPECT
NUMBER 602
1:100,000
SHEET 7914 PiemanDATE
SAMPLED _____
SAMPLER _____LABORATORY
REPORT NO. _____
ANALYTICAL
METHOD - Zomesh: Emission SpecNOTATIONS: SAMPLE TYPE -
M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105052

SAMPLE NUMBER		SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																											SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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MINERAL DATA SHEET

AREA EL 15/76 DUNDAS
STATE TERRITORY LOCATION CUNI GRID

PROSPECT NUMBER 602
SHEET PIEMIN 7914

DATE FEBRUARY - APRIL, 1978
SAMPLER

LABORATORY REPORT NO.
ANALYTICAL METHOD -20: Emission Spec
-80: AAS; XRF(Sn)

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL
105053

SAMPLE NUMBER			SAMPLE TYPE	APERTURE SIZE (microns)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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602CG0087	SA	-20	<1	30	100	3000	<1	1	<3	3	0-0.6m pale grey and orange clay										0.6-0.9m pale grey-brown, pale green to yellow clay	005310E	008341N																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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PROMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76, Dundas PROSPECT NUMBER 1:100,000 SHEET 105054
 STATE TAS LOCATION CuniGrid
 LINE 8341N

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20/Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creekmuil, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105054

SAMPLE NUMBER	SAMPLE TYPE	APERTURE IDENEY, MICRONI	CHEMICAL ANALYSES (ppm)																																	SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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AREA EL 15/76, DUNDASPROSPECT
NUMBER 602DATE FEBRUARY - APRIL,
SAMPLED 1972LABORATORY
REPORT NO.STATE INDIANA LOCATION CUNI GRIDSHEET REMAN 7914

SAMPLER

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105055

SAMPLE NUMBER	SAMPLE TYPE	ANALYSE ELEMENT (ABOVE/ BELOW/ NEUTRAL)	CHEMICAL ANALYSES (ppm)																								SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni																		E/W	N/S
602CG0111	SA	-20	<1	30	100	10	<1	1	<3	<3	0-0.8m deep yellow to orange-brown silty clay														006260E	008341N			
		-80		70	115	50																							
602CG0112	SA	-20	<1	100	30	10	<1	1	<3	<3	0-0.5m light khaki-brown silty clay. 0.5-0.7m deep yellow-orange-brown silty clay														006270E	008341N			
		-80		105	95	75																							
602CG0113	SA	-20	<1	30	100	10	<1	<1	<3	<3	0-0.8m dark yellow-orange-brown silty clay														006280E	008341N			
		-80		170	105	45																							
114	M	-20																											
		-80	<1	10	<20	3	<1	<1	<3	<3	= -80 mesh 602CG 008M																		
		-80																											
115	M	-20																											
		-80	<1	30	30	1	<1	1	<3	<3	= -80 mesh 602CG 021M																		
		-80																											
116	M	-20																											
		-80	<1	30	<20	1	<1	1	<3	<3	= -80 mesh 602CG 074M																		
		-80																											
117	M	-20																											
		-80	<1	30	30	1	<1	1	<3	<3	= -80 mesh 602CG 105M																		
		-80																											

MINERAL DATA SHEET

AREA EL15/76 Dundas PROSPECT NUMBER 602
 STATE TAS LOCATION CUNI GRID SHEET 79/4
 LINE 8341N

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20, -80* Emission Spec.

NOTATIONS: SAMPLE TYPE - _____
 ANALYSES: _____
 M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL _____
105056

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (SIEVE/ MICRONS)	CHEMICAL ANALYSES (ppm)																								SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			Co	Cr	Sb	Mo	W	As	U																			E/W	N/B LINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
602CG.111		-20	<5	<20	<30																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

PACMINEX PTY LTD. - SAMPLE DATA SHEET

AREA ELIS/76
STATE TAS LOCATION Dundas
CUNI GRID

PROSPECT
NUMBER
1:100,000
SHEET

DATE
SAMPLED 18.3.79
SAMPLER P.M.M.

LABORATORY
REPORT NO.
ANALYTICAL
METHOD

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105057

M (-80) AAS/XRF for Sn, W.

CHEMICAL ANALYSES (ppm)												SUMMARY DESCRIPTION	LOCATION																																																																																						
													E/W	N/E LINE																																																																																					
SAMPLE NUMBER																																																																																																			
SAMPLE TYPE																																																																																																			
APERTURE (microns)																																																																																																			
Sn Cu Zn Pb Bi Ag Au Ni																																																																																																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
602CG 151 SA												-20	300	<2	90	20	20	<2	<3	550	limonite capping on ultramafic serpentinite (Es) : see check samples 602CG 521 → 525	7720E	7485N																																																																												
152 SA												-20	300	10	70	60	<20	<2	<3	290	As for 151 (Es) : See checks 602CG 521 → 525.	7710E																																																																													
153 SA												-20	300	<2	100	50	<20	<2	<3	450	As for 151	7700E																																																																													
154 SA												-20	100	<2	80	40	<20	<2	<3	500	As for 151	7690E																																																																													
155 SA												-20	30	10	40	100	<20	<2	<3	220	As for 151 - augitite? (large xals).	7680E																																																																													
156 SA												-20	30	<2	40	40	<20	<2	<3	500	As for 151	7670E																																																																													
157 SA												-20	300	<2	20	20	<20	<2	<3	300	As for 151	7660E																																																																													
158 SA												-20	30	<2	70	60	<20	<2	<3	280	As for 151 : Serpentinite banding 040/60°W, 010/70°W dip but v. irregular.	7650E																																																																													
159 SA												-20	10	<2	50	40	<20	<2	<3	240	As for 151 - base of slope ~ 7435E.	7640E																																																																													
602CG 160 SA												-20	30	10	50	60	40	<2	<3	400	0-0.2m mud on serpentinite - mixed alluvials, mud, serpent. bedrock in sample.	7630E	7485N																																																																												
161 SA												-20	100	<2	70	60	<20	<2	<3	550	As for 160	7620E																																																																													
162 SA												-20	30	<2	80	100	<20	<2	<3	600	As for 160	7610E																																																																													
163 SA												-20	3	<2	170	220	<20	<2	<3	900	0-0.8m mud/alluvials; blue grn serp. bedrock	7600E	7485N																																																																												
164 M												-20 -80	10 5	10 5	150 220	40 80	<20 10	<2 1	<3	450 540	gully flows S.W. over mud flat.	7595E																																																																													
165 SA												-20	30	<2	70	20	<20	<2	<3	600	0-0.6m mud flat; 0.6-0.8m blue grn xals in wd. serp.	7590E																																																																													
166 SA												-20	30	<2	40	50	20	<2	<3	450	0-0.5m : ditto 165	7580E																																																																													
167 SA												-20	3	<2	60	30	<20	<2	<3	500	ditto 165	7570E																																																																													
168 SA												-20	30	<2	50	20	<20	<2	<3	500	0.5m : ditto 165.	7560E																																																																													
169 SA												-20	10	<2	50	40	<20	<2	<3	400	ditto 165	7550E																																																																													
602CG 170 SA												-20	10	<2	50	20	<20	<2	<3	390	0-0.7m mud/fine grvls/ ; on serpentinite	7540E	7485N																																																																												
171 SA												-20	10	<2	60	60	<20	<2	<3	1550	ditto 170	7530E																																																																													
172 SA												-20	30	<2	80	40	20	<2	<3	500	0-0.2m mud to limonite cap (on serpentinite).	7520E	7485N																																																																												

* -20 mesh (Cu, Zn, Pb, Bi, Ni, Co, Ag by A.A.S.
As by Emission Spec)

MACMINEX INC. LTD. - SAMPLE DATA SHEET

AREA EL 15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 714 Preman
CUNI GRID

DATE SAMPLED March 79
 SAMPLER P. MacNAMARA

LABORATORY REPORT NO.
 ANALYTICAL METHOD AAS/Emission Spec on -20 mesh ANALYSES:

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105058

COUNT DATA												CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION																																																																						
SAMPLE NUMBER												APERTURE (MESH/INCHES)																	ED	N/LINE																																																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
602CG 151 SA												-20	90	>10000	*	<3	10000	<50	100																	7720E	7485N																																																														
CG 152 SA												-20	80	10000		<3	1000	<50	100																																																																																
153 SA												-20	200	10000		<3	100	<50	100																																																																																
154 SA												-20	160	10000		<3	300	<50	100																																																																																
155 SA												-20	70	10000		<3	300	<50	100																																																																																
156 SA												-20	70	3000		<3	50	<50	100																																																																																
157 SA												-20	70	3000		<3	<50	<50	100																																																																																
158 SA												-20	90	>10000		<3	300	<50	100																																																																																
159 SA												-20	90	10000		<3	50	<50	100																																																																																
602CG 160 SA												-20	180	10000		<3	50	<50	100																																																																																
161 SA												-20	100	10000		<3	50	<50	100																																																																																
162 SA												-20	120	10000		<3	50	<50	100																																																																																
163 SA												-20	120	>10000		<3	50	<50	100																																																																																
164 M												-20	100	<20	<30	<3	<50	<50	5																																																																																
												-80	140				10																																																																																		
165 SA												-20	170	1000		<3	<50	<50	100																																																																																
166 SA												-20	70	3000		<3	<50	<50	100																																																																																
167 SA												-20	80	10000		<3	50	<50	100																																																																																
168 SA												-20	70	10000		<3	<50	<50	100																																																																																
169 SA												-20	60	10000		<3	50	<50	100																																																																																
170 SA												-20	90	3000		<3	<50	<50	100																																																																																
171 SA												-20	140	10000		<3	<50	<50	100																																																																																
602CG 172 SA												-20	130	10000		<3	50	<50	100																	7520E																																																															

* Cu, Zn, Pb, Bi, Ag, Ni, Co: AAS/-20 mesh
 Sn, Sb, As, Au, Cr, W, Mo, Mn: Emission Spec

* Cr interference to Sb line

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914 Pieman
 CUNI Grid

DATE SAMPLED 18-3-79
 SAMPLER P.M.M.

LABORATORY REPORT NO. AA5
 ANALYTICAL METHOD Emission Spec (-20)

NOTATIONS: SAMPLE TYPE - S - Soil
SA - Soil Auger / RC - Drill Core,
RP - Percussion Chips
R - Rock
 ANALYSES: Please state element

ADDITIONAL

105059

SAMPLE NUMBER	APERTURE (mm)	DEPTH (m)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	E/W	N/S LINE			
602CG 173 SA	-20	100	10	50	40	<20	<2	<3	500	0-0.2m mud/grvls on serpentinite; not residual.	7510E	7485N			
174 SA	-20	30	<2	50	30	<20	<2	<3	230	0-0.2m mud/grvls/limonite - mixed Alluv/colluv. sample.	7500E				
175 SA	-20	10	10	50	40	<20	<2	<3	280	0-0.3m mud; 0.3m limonite, limon. grvls; o/c serp? 165°/60°W? dip of banding.	7490E				
176 SA	-20	10	10	40	20	<20	<2	<3	350	0-0.4m mud; 0.4m wd. brn. serpentinite + limon. grvls.	7480E				
177 SA	-20	10	<2	50	40	<20	<2	<3	170	As for 176	7470E				
178 SA	-20	30	10	150	50	<20	<2	<3	800	0-0.3m mud. 0.3m - wd. blue grn serpo o/c felspar gabbro (dyke?) ± felspar lineations 080°M/dip? 50°.	7460E				
179 SA	-20	30	<2	100	20	<20	<2	<3	180	0-0.6m mud/limon. grvls; 0.6m wd. serpentinite	7450E				
602CG 180 SA	-20	10	<2	70	30	<20	<2	<3	290	0-0.3m As for 179 (chlorite in blue grn wd. serp.)	7440E	7485N			
181 SA	-20	100	<2	120	80	30	<2	<3	750	0-0.5m As for 179.	7430E				
182 SA	-20	3	50	60	40	<20	<2	<3	380	0-0.3m mud; 0.3m: dk. blue grn serp ± f.g. serpentinite frags (chilling?)	7420E				
183 SA	-20	<1	20	130	40	<20	<2	<3	600	0.4m dk. grn. wd. serpentinite, black f.g. serpentinite or slst (as in 182, 184?)	7410E				
184 SA	-20	30	50	110	40	<20	<2	<3	450	0.4m: 'serpent. frags + f.g. black ign. (chilled?) rk or slst.	7400E				
185 SA	-20	30	60	170	20	<20	<2	<3	260	0.5m grey, grn ± black f.g. micaceous (?) wd. serp. or slst	7390E				
186 SA	-20	10	50	70	20	<20	<2	<3	280	0.6m f.g. micaceous dk. grey grn slst/sh? (or wd. serpentinite?) Wedge of serpent. covered flat at 7375E	7380E				
187 SA	-20	<1	80	130	60	<20	<2	<3	210	Slope rises to W - base. 0-0.7m orange-yell. brn clay = wd 186?	7370E				
188 SA	-20	<1	100	130	80	<20	<2	<3	170	As for 187 - cream colour at 1m depth.	7360E				
189 SA	-20	<1	90	90	80	<20	<2	<3	150	0.7m orange brn clay (187)	7350E				
602CG 190 SA	-20	<1	70	80	120	<20	<2	<3	110	As for 189	7340E	7485N			
191 SA	-20	<1	80	90	80	<20	<2	<3	140	As for 189 - trace green micac. (?) sh.	7330E				
192 SA	-20	<1	90	90	90	<20	<2	<3	150	As for 191 - Mn staining.	7320E				
193 SA	-20	30	30	60	80	<20	<2	<3	100	0.6m orange yell. brn. clay - sh? (W base of slope)	7310E				
194 SA	-20	1000	520	1500	>10000	<20	30	<3	140	0.3m blue black clay = black shale? (on flat).	7300E	7485N			

④ AAS -20 mesh: Cu, Zn, Pb, Bi, Ag, Ni, Co

others: Emission Spec (-20) AAS (-20) AAS (-20) AAS (-20)

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA EL 15/76
STATE TAS LOCATION Dundas
CUNI GRID

PROSPECT
NUMBER 602
1:100,000
SHEET 7914

DATE
SAMPLED _____
SAMPLER _____

LABORATORY
REPORT NO. _____
ANALYTICAL
METHOD -20: AAS(Co); Emission Spec.

NOTATIONS: SAMPLE TYPE -
M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105060

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (m)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb*	Mo	W	As	Mn											E/W	N/S
602CG173	SA	-20	190	3000	*	<3	50	<50	100										7510E 7485N		
174	SA	-20	100	10000		<3	<50	<50	100												
175	SA	-20	110	3000		<3	<50	<50	100												
176	SA	-20	60	10000		<3	<50	<50	100												
177	SA	-20	30	10000		<3	50	<50	100												
178	SA	-20	100	10000		<3	50	<50	100												
179	SA	-20	50	1000		<3	<50	<50	30												
602CG180	SA	-20	60	1000		<3	<50	<50	100												
181	SA	-20	50	1000		<3	50	<50	100												
182	SA	-20	40	3000		<3	<50	<50	100												
183	SA	-20	80	10000		<3	<50	<50	100												
184	SA	-20	90	1000		<3	<50	<50	100												
185	SA	-20	60	300		<3	<50	<50	100												
186	SA	-20	40	1000		<3	<50	<50	100												
187	SA	-20	40	100	<30	<3	<50	<50	100												
188	SA	-20	40	<20	<30	<3	<50	<50	30												
189	SA	-20	220	<20	<30	<3	<50	<50	100												
602CG190	SA	-20	40	<20	<30	<3	<50	<50	100												
191	SA	-20	50	30	<30	<3	<50	<50	100												
192	SA	-20	220	30	<30	<3	<50	<50	300												
193	SA	-20	30	100	100	<3	<50	<50	30												
194	SA	-20	60	<20	100	<3	<50	<50	100									7300E 7485N			

* Cr interference with Sb line

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 714
 CUNG Grid.

DATE SAMPLED Mar 79
 SAMPLER P.M.M.

LABORATORY REPORT NO. ANALYTICAL
 METHOD AAS/Emission Spec(-20) ANALYSES:

NOTATIONS: SAMPLE TYPE -- M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105061

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	ED	NIR LINE									
602 CG 195 SA	-20	3	110	1050	260	20	<2	<3	180	grey grn (?) silty glwacke ± white and blue black clay bands = tuff? sst/sh. - on flat.	7290E	7485N									
196 SA	-20	10	170	1100	250	<20	<2	<3	100	dk blue green/pale green/cream banded clay ± 195?	7250E										
197 SA	-20	30	30	160	420	<20	<2	<3	70	wd. grey brn clay, dk green patches (tuff?).	7270E										
198 SA	-20	30	70	650	370	20	<2	<3	90	dk blue grn - pale grn. clayey sst = glwacke sst? or tuff?	7260E										
199 SA	-20	100	40	1000	320	<20	<2	<3	210	As for 198	7250E										
602 CG 200 SA	-20	30	90	260	260	<20	<2	<3	80	grey brn clay	7240E	7485N									
201 SA	-20	30	60	800	430	<20	<2	<3	240	As for 200	7230E										
202 M	-20 -80	<1 10	30 35	1500 650	240 270	<20 5	<2 1	<3	130 160	gulley - flows SW	7225E										
203 SA	-20	30	70	550	120	<20	<2	<3	150	banded pale grey sh - green sst	7220E										
204 SA	-20	30	60	330	380	<20	<2	<3	120	blue grey & grey clay = sh	7210E										
205 SA	-20	30	70	900	320	<20	<2	<3	120	0.6m: blue green clay sst (as above)	7200E										
206 SA	-20	3	180	650	60	20	<2	<3	110	grey, black, green banded clay	7190E										
207 SA	-20	10	90	600	200	20	<2	<3	140		7180E										
208 SA	-20	3	80	270	120	30	<2	<3	90	0.8m: grey blue clay under mud flat.	7170E										
209 SA	-20 -80	1 10	80 70	260 370	180 170	30 15	<2 2	<3	90 110	As for 208 (-20 check: 40Cu, 500Zn, 280Pb, 100Ni: <2Ag 1Sn	7160E										
602 CG 210 SA	-20	<1	100	350	60	<20	<2	<3	160	0-0.8m mud; 0.5m - dk blue grn clay, white clay specks.	7150E	7485N									
211 SA	-20	10	130	900	200	20	<2	<3	190	As for 210	7140E										
212 SA	-20	3	120	2000	480	<20	<2	<3	650	0.7m: grey & black clay = sh	7130E										
213 SA	-20	10	60	800	80	<20	<2	<3	230	pale grey → blue grey clay	7120E										
214 SA	-20	1	100	240	60	30	<2	<3	80	pale grey clay	7110E										
215 SA	-20	30	50	360	60	<20	<2	<3	150	grn grey sst.	7100E										
216 SA	-20	3	100	210	50	30	<2	<3	130	0.7m blue grey sst.	7090E										

(4) - 20 mesh: AAS: Cu Zn Pb Bi Ag Ni Co
 Sn, W etc. Emission Spec.

-80 M: AAS | XRF (Sn, W)

AREA ELIS/76
 STATE TAS LOCATION Dundas
 Cuni Grid

PROSPECT NUMBER 602
 1:100,000 SHEET 7914 Pieman

DATE SAMPLED Mar 79
 SAMPLER P.M.M.

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL 105062

SAMPLE NUMBER			SAMPLE TYPE		APERTURE (SIEVE/ MICRON)		CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
							Co	Cr	Sb*	Mo	W	As	Mn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

* Cr interference with Sb line

MACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS. LOCATION Dundas SHEET 7914

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105063

CUNI GRID

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/LINE
602CG 217	SA	-20	1	80	200	60	<20	<2	<3	170			blue grey slst.	7080E	7485N
218	SA	-20	1	70	230	40	<20	<2	<3	150			AS for 217	7070E	
219	SA	-20	3	130	220	30	<20	<2	<3	140			grey-white clay = sh.	7060E	
602CG 220	SA	-20	10	80	290	80	<20	<2	<3	80			0-0.8 mud on blue grey slst (217)	7050E	7485N
221	SA	-20	10	30	150	80	<20	<2	<3	50			AS for 217	7040E	
222	SA	-20	30	30	70	40	<20	<2	<3	30			0.5m : black shale	7030E	
223	SA	-20	1	20	50	100	<20	<2	<3	40			AS for 222	7020E	
224	SA	-20	1	100	160	140	20	<2	<3	90			AS for 222	7010E	
225	SA	-20	1	30	100	40	20	<2	<3	30			AS for 222	7000E	
226	SA	-20	10	50	550	80	<20	<2	<3	100			AS for 222	6990E	
227	SA	-20	1	110	330	60	<20	<2	<3	130			AS for 222, pyritic.	6980E	
228	SA	-20	1	150	150	110	<20	<2	<3	110			0-0.7 mud; 0.7m AS for 222	6970E	
229	SA	-20	3	80	140	180	<20	<2	<3	90			0-0.4m : AS for 228	6960E	
602CG 230	SA	-20	30	30	70	140	<20	<2	<3	20			grey slst	6950E	7485N
231	SA	-20	<1	110	190	60	<20	<2	<3	100			blue grey sh/slst.	6940E	
232	SA	-20	<1	160	300	60	<20	<2	<3	160			black to dk grey sh.	6930E	
233	SA	-20	1	230	60	50	<20	<2	<3	100			blue grey black sh/slst - edge of mud flat 6915E	6920E	
234	SA	-20	3	170	60	60	<20	<2	<3	60			0-0.2 dk grey silty soil; 0.2-0.4 brn limon. soil & dk grey bands (g/wacke & sh bands?)	6910E	
235	SA	-20	<1	100	20	60	20	<2	<3	40			limon. banded dk grey clay = sh.	6900E	
236	SA	-20	<1	100	30	30	<20	<2	<3	40			0.7m dk. blue grey limon. clay	6890E	
237	SA	-20	<1	210	30	70	<20	<2	<3	50			AS for 236	6880E	
602CG 238	SA	-20	1	50	20	40	<20	<2	<3	20			Interbanded blk. sh - grey brn. clay.	6870E	7485N

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET

DATE SAMPLED
 SAMPLER

LABORATORY REPORT NO.
 ANALYTICAL METHOD AAS/Emission Spec.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105064

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm/ mm/ microns)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb*	Mo	W	As	Mn									EM		N6 LINE	
602 CG 217	SA	-20	60	1000	*	<3	<50	<50	100									7080E	7485N		
218	SA	-20	90	1000		<3	50	<50	100												
219	SA	-20	60	1000		<3	<50	<50	100												
602 CG 220	SA	-20	40	1000		<3	<50	<50	30												
221	SA	-20	30	3000		<3	50	<50	30												
222	SA	-20	30	3000		<3	<50	<50	30												
223	SA	-20	40	3000		<3	50	<50	30												
224	SA	-20	30	300		<3	<50	<50	100												
225	SA	-20	30	1000		<3	<50	<50	100												
226	SA	-20	50	3000		<3	<50	<50	30												
227	SA	-20	80	1000		<3	<50	<50	30												
228	SA	-20	130	3000		<3	<50	<50	100												
229	SA	-20	40	3000	*	<3	<50	<50	100												
602 CG 230	SA	-20	10	3000	*	<3	<50	<50	100												
231	SA	-20	80	100	<30	<3	<50	<50	100												
232	SA	-20	80	30	<30	<3	<50	<50	100												
233	SA	-20	60	1000	*	<3	<50	<50	100												
234	SA	-20	20	300	*	<3	<50	<50	100												
235	SA	-20	30	100	<30	<3	<50	<50	30												
236	SA	-20	20	100	<30	<3	<50	<50	30												
237	SA	-20	20	100	<30	<3	<50	<50	30												
238	SA	-20	20	100	<30	<3	<50	<50	100									6870E	7485N		

* Cr interference with Sb line

AREA ELIS/76
STATE TAS LOCATION Dundas

PROSPECT NUMBER 602
SHEET 7914

DATE SAMPLED Mar 1979
SAMPLER P.M.M.

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, SA - Soil Auger, RC - Drill Core, RP - Percussion Chips, R - Rock
ANALYSES: Please state element

ADDITIONAL

105065

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (mm)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION		
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni										E/W	N/L	
602 CG 239	SA	-20	<1	140	50	60	<20	<2	<3	130	yellow brn. wd. banded sh/fine(?) wacke SST - top of hill.										6860E	7485N
602 CG 240	SA	-20	<1	100	30	40	<20	<2	<3	90	yellow clay (x-black sh?)										6850E	7485N
241	SA	-20	<1	140	90	20	<20	<2	<3	120	As for 240										6840E	
242	SA	-20	<1	170	70	70	<20	<2	<3	100	yellow brn clay										6830E	
243	SA	-20	<1	80	170	120	<20	<2	<3	70	limon. yell. brn clay (E base of slope 6824E)										6820E	
244	SA	-20	<1	80	50	80	<20	<2	<3	60	limon cream and orange clay (hill top).										6810E	
245	SA	-20	<1	70	70	100	<20	<2	<3	80	yell. brn soil = b.w. limon gl/wacke/sh.										6800E	
246	SA	-20	<1	60	60	100	30	<2	<3	50	0-0.2mud over banded grey - pale grn. sh.										6790E	
247	SA	-20	<1	60	60	40	<20	<2	<3	80	0-0.2mud on dk. pyritic sh.										6780E	
248	SA	-20	<1	30	50	60	<20	<2	<3	20	ditto 247										6770E	
249	SA	-20	<1	110	60	60	<20	<2	<3	90	ditto 247										6760E	
602 CG 250	SA	-20	1	80	90	60	<20	<2	<3	60	ditto 247										6750E	7485N
251	SA	-20	<1	100	280	70	<20	<2	<3	130	ditto 247, pyritic										6740E	
252	SA	-20	1	70	30	60	<20	<2	<3	50	0-0.2mud on black and grey banded sh.										6730E	
253	SA	-20	100	30	270	100	<20	<2	<3	110	0-0.7m mud on wd. grey brn sh.										6720E	
254	SA	-20	30	60	280	80	<20	<2	<3	180	0-1.0m mud on black sh (contaminated by overlying mud)										6710E	
255	SA	-20	300	50	330	100	<20	<2	<3	100	0-0.9 mud on dk grey silty and gritty? bedrock.										6700E	
256	SA	-20	30	30	550	320	<20	<2	<3	90	0-0.9m mud on wd. limon. grey clay = sh?										6690E	
257	SA	-20	10	90	270	160	<20	<2	<3	190	0-0.7m Alluv. sandy clay; 0.7m black sh (old tramway bed 6685E tends 0.32M)										6680E	
258	SA	-20	10	70	290	170	<20	<2	<3	130	0-0.8m mud on br. sh.										6670E	
259	SA	-20	3	100	200	120	<20	<2	<3	180	0-0.7m mud on blue black (?) graphitic shale										6660E	
602 CG 260	SA	-20	100	70	600	230	<20	<2	<3	220	0-0.7m mud on black sh.										6650E	7485N

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76
STATE TAS LOCATION Dundas
Cuni Grid

PROSPECT NUMBER 602
1:100,000 SHEET 7914

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD AAS/Emission Spec -20

NOTATIONS: SAMPLE TYPE - M - Creek mud, SA - Soil Auger, RC - Drill Core, RP - Percussion Chips
ANALYSES: Please state element

ADDITIONAL _____

105066

SAMPLE NUMBER	SAMPLE TYPE	ABSTRACT SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb*	Mo	W	As	Mn										E/W	N/L LINE
602 CG 234	SA	-20	50	1000	*	<3	<50	<50	100										6860E	7485N
602 CG 240	SA	-20	30	300	*	<3	<50	<50	30											
241	SA	-20	120	1000	*	<3	<50	<50	100											
242	SA	-20	30	3000	*	<3	<50	<50	100											
243	SA	-20	90	30	<30	<3	<50	<50	300											
244	SA	-20	20	30	<30	<3	<50	<50	100											
245	SA	-20	30	30	<30	<3	<50	<50	100											
246	SA	-20	30	100	<30	<3	<50	<50	100											
247	SA	-20	40	100	<30	<3	<50	<50	100											
248	SA	-20	20	300	*	<3	<50	<50	30											
249	SA	-20	50	100	<30	<3	<50	<50	100											
602 CG 250	SA	-20	50	1000	*	<3	<50	<50	100											
251	SA	-20	70	100	<30	<3	<50	<50	100											
252	SA	-20	20	300	*	<3	100	<50	30											
253	SA	-20	20	10000	*	<3	50	<50	100											
254	SA	-20	40	10000	*	<3	<50	<50	100											
255	SA	-20	30	10000	*	<3	50	<50	100											
256	SA	-20	30	3000	*	<3	<50	<50	100											
257	SA	-20	60	10000	*	<3	<50	<50	100											
258	SA	-20	30	3000	*	<3	<50	<50	100											
259	SA	-20	80	3000	*	<3	<50	<50	100											
602 CG 260	SA	-20	80	10000	*	<3	50	<50	100										6650E	7485N

* Cr interference with Sb line

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 79/4
 CUNI GRID

DATE SAMPLED 20.3.79
 SAMPLER P.M.M.

LABORATORY REPORT NO. ANALYTICAL
 METHOD -20 mesh: AAS/Emission Spec

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105067

SAMPLE NUMBER	SAMPLE TYPE	APPROXIMATE AVERAGE GRAIN SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/L
602CG 261	SA	-20	100	50	400	160	20	<2	<3	170			0-0.8m mud on black shale. (contaminated)	6640E	7485N
262	SA	-20	30	70	400	120	20	<2	<3	120			0-1.2m mud; 1.2m black shale ± veinlets of qtz-chlorite (1mm)	6630E	
263	SA	-20	10	80	270	100	<20	<2	<3	90			0-1.0m mud; 1.0m - black sh.	6620E	
264	SA	-20	100	90	6750	180	<20	<2	<3	170			0-0.8m mud on wd. dk bluegrey sh (x-bk sh?)	6610E	
265	SA	-20	30	40	650	240	<20	<2	<3	120			Grey blue slst/sh.	6600E	
266	SA	-20	30	80	900	180	20	<2	<3	130			0-0.4m mud on pale grey slst/greywacke/sh bands.	6590E	
267	SA	-20	30	70	700	140	<20	<2	<3	140			grey greywacke slst.	6580E	
268	SA	-20	10	50	130	50	<20	<2	<3	70			0-0.4m mud on med. grey shale.	6570E	
269	SA	-20	30	60	300	80	<20	<2	<3	180			ditto 268	6560E	
602CG 270	M	-20	1	20	20	<20	<20	<2	<3	20			creek flows sh.	6551E	7485N
		-80	5	35	2700	500	5	2		230					
271	SA	-20	300	90	340	200	<20	<2	<3	170			0-0.4m mud on grey grn. clay (=sh).	6550E	
272	SA	-20	1	0	150	40	<20	<2	<3	140			0-0.3m mud on med. grey sh.	6540E	
273	SA	-20	<1	60	120	60	20	<2	<3	130			0-0.3m mud on limonitic grey shale.	6530E	
274	SA	-20	30	40	70	50	<20	<2	<3	60			dk grey sh.	6520E	
275	SA	-20	10	50	60	40	<20	<2	<3	80			0-0.3m mud on bleached blue grey shale.	6510E	
276	SA	-20	10	70	220	120	20	<2	<3	60			As for 275.	6500E	
277	SA	-20	3	90	600	680	<20	<2	<3	150			0-0.5m - As for 275	6490E	
278	SA	-20	10	110	290	80	<20	<2	<3	70			0-0.3m mud on blue black shale.	6480E	
279	SA	-20	1	120	180	40	30	<2	<3	110			0-0.3m mud on blue grey sh ± black bands.	6470E	
602CG 280	SA	-20	<1	40	50	40	<20	<2	<3	80			0-0.2m mud - on wd yell. brn limonitic sh.	6460E	7485N
281	SA	-20	<1	130	60	60	<20	<2	<3	90			0-0.5m mud on wd yell brn clayey? g/wacke? slst.	6450E	
282	SA	-20	3	50	60	60	<20	<2	<3	110			dk grey to black g/wacke slst.	6440E	7485N

⊗ -20 mesh: AAS: Cu, Zn, Pb, Bi, Ag, Co, Ni
 Emission Spec: Cd

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
CUNI GRID

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: AAS/Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL _____

105068

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm) (mm) (microns)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
			Co	Cr	Sb	Mo	W	As	Mn					EN	N LINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
602 CG 261	SA	-20	60	10000	*	<3	50	<50	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

No. 101: AAS on Cr. *Cr interference with Sb line

AREA EL 15/76STATE TASLOCATION DundasPROSPECT NUMBER 6621:100,000 SHEET 7914

DATE SAMPLED

SAMPLER

LABORATORY REPORT NO.

ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105069

SAMPLE NUMBER	APERTURE (mm)	DEPTH (m)	CHEMICAL ANALYSES (ppm)								SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni		E/W	N/E LINE
602CG283 SA	-20	<1	80	110	70	<20	<2	<3	110		blue grey silty sh, black bands.	6430E	74485N
284 SA	-20	10	120	240	60	<20	<2	<3	220		0-0.4m mud on dk. blue grey sh.	6420E	
285 SA	-20	3	100	400	60	<20	<2	<3	110		0-0.4m mud on blue black pyritic shale.	6410E	
286 SA	-20	10	110	230	40	<20	<2	<3	120		ditto 285	6400E	
287 SA	-20	30	70	1200	60	<20	<2	<3	350		0-0.5m mud on black/grey sh.	6390E	
288 SA	-20	30	90	90	20	<20	<2	<3	150		0-0.6m mud on black sh.	6380E	
289 SA	-20	100	40	110	60	<20	<2	<3	160		0-1.3m mud on blue grey silty greywacke/fine sst.	6370E	
602CG290 SA	-20	1	40	120	40	<20	<2	<3	110		grn. and chocolate sst/fine sst	6360E	74485N
291 SA	-20	30	60	80	60	<20	<2	<3	50		0-0.4m mud, on pale grn grey sh (292)	6350E	
292 SA	-20	10	120	60	30	<20	<2	<3	60		0-0.4m mud on pale grey pyritic finely banded sh.	6340E	
293 SA	-20	100	60	130	40	<20	<2	<3	140		0-0.4m mud; ~~on~~ AS for 289	6330E	
294 SA	-20	10	70	100	60	<20	<2	<3	70		dk grey sh.	6320E	
295 SA	-20	3	50	70	30	<20	<2	<3	50		grey bk to dk grey sh.	6310E	
296 SA	-20	<1	50	80	20	<20	<2	<3	170		0-0.5m mud on greenish g/wacke.	6300E	
297 SA	-20	10	60	200	100	<20	<2	<3	50		0-0.6m mud on dk grey to black shale.	6290E	
298 SA	-20	10	60	180	40	30	<2	<3	120		0-0.6m mud on med to dk blue grey micaceous sst (0.25mm? tuff sst?)	6280E	
299 SA	-20	30	160	360	40	<20	<2	<3	110		0-0.6m mud on grey grn sh.	6270E	
602CG300 SA	-20	10	230	210	40	<20	<2	<3	80		ditto 299	6260E	74485N
301 SA	-20	3	100	120	30	<20	<2	<3	140		0-0.6m mud on banded mauve-grey grn-brn sh.	6250E	
302 SA	-20	<1	110	140	40	<20	<2	<3	110		0-0.4m mud on pale grey grn sh.	6240E	
303 SA	-20	<1	120	30	60	<20	<2	<3	60		old pit material augered? - wd g/wacke sst o/c.	6230E	
304 SA	-20	<1	180	60	60	<20	<2	<3	210		yellow brn wd greenish g/wacke sst.	6220E	74485N

(4) - 20 mesh - AAS Cu Zn Pb Bi Ag Co Ni

Emission Spec.

AREA ELIS/76
 STATE TAS LOCATION Dundas
Cuni Grid

 PROSPECT
 NUMBER 602
 1:100,000
 SHEET

 DATE
 SAMPLED
 SAMPLER

 LABORATORY
 REPORT NO.
 ANALYTICAL
 METHOD -20: AAS/Emission Spec

NOTATIONS: SAMPLE TYPE -

 M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105070

SAMPLE NUMBER	SAMPLE TYPE	APPROXIMATE ELEVATION (feet)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION										LOCATION	
			Co	Cr	Sb*	Mo	W	As	Mn																				EN	LINE
602CG 283	SA	-20	80	100	<30	<3	<50	<50	300																				6430E	7485N
284	SA	-20	50	30	<30	<3	<50	<50	300																					
285	SA	-20	50	300	*	<3	<50	<50	300																					
286	SA	-20	60	100	<30	<3	<50	<50	100																				6400E	
287	SA	-20	190	1000	*	<3	<50	<50	100																					
288	SA	-20	40	1000	*	<3	<50	<50	300																					
289	SA	-20	40	1000	*	<3	<50	<50	100																					
602CG 290	SA	-20	60	300	*	<3	<50	<50	100																					7485N
291	SA	-20	30	300	*	<3	<50	<50	100																					
292	SA	-20	40	300	*	<3	<50	<50	100																					
293	SA	-20	70	1000	*	<3	<50	<50	100																					
294	SA	-20	70	100	<30	<3	<50	<50	100																					
295	SA	-20	20	30	<30	<3	<50	<50	100																					
296	SA	-20	20	300	*	<3	<50	<50	300																				6300E	
297	SA	-20	20	300	*	<3	<50	<50	100																					
298	SA	-20	70	30	<30	<3	<50	<50	100																					
299	SA	-20	50	300	*	<3	<50	<50	100																					
602CG 300	SA	-20	30	100	<30	<3	<50	<50	300																					
301	SA	-20	60	30	<30	<3	<50	<50	300																					
302	SA	-20	30	30	<30	<3	<50	<50	300																					
303	SA	-20	30	20	<30	<3	<50	<50	30																					
304	SA	-20	50	30	<30	<3	<50	<50	100																				6220E	7485N

Note: fusion/AAS for Cr.

* Cr interference with Sb line

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
 CUNI GRID

DATE SAMPLED MAR 79
 SAMPLER P.M.M.

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL 105071

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (meters)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/E LINE
602CG 305	SA	-20	<1	50	70	40	<20	<2	<3	90			yellow clay = shaley sst	6210E	7485N
306	SA	-20	10	10	20	40	<20	<2	<3	10			fg. grey glwache slst/sst.	6200E	7485N
307	SA	-20													
308	SA	-20													
309	SA	-20	<1	130	70	120	<20	<2	<3	30			yellow brn clay = qtz-limonite frags. (=veins?)	6200E	6750N
602CG 310	SA	-20	1	40	40	60	<20	<2	<3	40			silly yell. brn clay = slst/fine sst.	6210E	
311	SA	-20	3	30	20	70	<20	<2	<3	50			pale grey clay = qtz-clay bands (tuff?)	6220E	
312	SA	-20	<1	70	30	40	<20	<2	<3	80			yellow clay, red lenses (=sh)	6230E	
313	SA	-20	1	80	30	60	20	<2	<3	50			pale yellow clay (=sh?)	6240E	
314	SA	-20	<1	50	50	60	<20	<2	<3	80			wd grey clay = black clay bands.	6250E	
315	SA	-20	<1	140	30	60	<20	<2	<3	100			dk bluegrey, blue br clay = limonite patches = wd. bk. sh?	6260E	
316	SA	-20	<1	120	40	60	<20	<2	<3	60			0.3m cream clay = sh?	6270E	
317	SA	-20	<1	30	30	60	<20	<2	<3	60			red brn. clay = fine qtz	6280E	
318	SA	-20	1	40	40	20	<20	<2	<3	60			As for 317	6290E	
319	SA	-20	<1	40	20	40	<20	<2	<3	30			red brn sh.	6300E	
602CG 320	SA	-20	3	20	50	40	<20	<2	<3	60			0.3m. pale brn grey clay = qtz-grn chlorite inclusions = tuff or veined sh.	6310E	
321	SA	-20	3	20	50	20		<2	<3	70			grn. grey sh = fine red lenses.	6320E	
322	SA	-20	3	20	90	20	30	<2	<3	80			red brn and grn brn (?) glwache slst.	6330E	
323	SA	-20	1	50	60	40	20	<2	<3	50			dk grey & grn. grey sh.	6340E	
324	SA	-20	<1	50	110	40	20	<2	<3	90			0.3m pale grey grn sh.	6350E	
325	SA	-20	<1	110	80	20	<20	<2	<3	90			pale brn grey clay = minor chloritic grn and red lenses.	6360E	
602CG 326	SA	-20	3	80	50	60	30	<2	<3	50			0.3m grey and black banded clay = sh?	6370E	

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA ELIS/76
STATE TAS LOCATION Dundas
CUNI GRID

PROSPECT
NUMBER 602
1:100,000
SHEET 7914

DATE
SAMPLED 22-3-79
SAMPLER P.N.M.

LABORATORY
REPORT NO.
ANALYTICAL
METHOD -20: A.A.S / Emission

NOTATIONS: SAMPLE TYPE --

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105072

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm) (mm)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb	Mo	W	As	Mn										E/W	N/E LINE
602CG 305	SA	-20	40	30	<30	<3	<50	<50	100										6210E	7485N
306	SA	-20	10	100	<30	<3	<50	<50	100										6290E	7485
307	SA	-20																		
308	SA	-20																		
309	SA	-20	20	30	<30	<3	<50	<50	10										6200E	6750N
602CG 310	SA	-20	30	30	<30	<3	<50	<50	100											
311	SA	-20	12	30	<30	<3	<50	<50	30											
312	SA	-20	20	30	<30	<3	<50	<50	30											
313	SA	-20	20	30	<30	<3	<50	<50	30											
314	SA	-20	10	30	<30	<3	<50	<50	300											
315	SA	-20	10	100	<30	<3	<50	<50	30											
316	SA	-20	10	30	<30	<3	<50	<50	100											
317	SA	-20	20	30	<30	<3	<50	<50	100											
318	SA	-20	10	30	<30	<3	<50	<50	100											
319	SA	-20	10	30	<30	<3	<50	<50	100										6300E	6750N
602CG 320	SA	-20	10	30	<30	<3	<50	<50	300											
321	SA	-20	30	30	<30	<3	<50	<50	300											
322	SA	-20	30	30	<30	<3	<50	<50	300											
323	SA	-20	20	30	<30	<3	<50	<50	300											
324	SA	-20	40	30	<30	<3	<50	<50	100											
325	SA	-20	30	30	<30	<3	<50	<50	100											
602CG 326	SA	-20	20	30	<30	<3	<50	<50	100										6370E	6750N

PACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76
STATE 715 LOCATION Dundas
CUNI GRID

PROSPECT NUMBER 602
1:100,000 SHEET 7914

DATE SAMPLED 22-3-79
SAMPLER

LABORATORY REPORT NO. 602
ANALYTICAL METHOD 20: A.A.S. Emission Spec.

NOTATIONS: SAMPLE TYPE --

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105073

SAMPLE NUMBER	SAMPLE TYPE	APPROXIMATE DEPTH (meters)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				EW	NB LINE
602CG 327	SA	-20	<1	50	40	60	<20	<2	<3	60			0.3m silty clay & brk clay bands	6380E	6750N
328	SA	-20	<1	90	70	50	<20	<2	<3	80			0.3m blue black clay = sh.	6390E	
329	SA	-20	<1	30	110	60	<20	<2	<3	70			0.4m pale grn-grey silty sh.	6400E	
602CG 330	SA	-20	<1	110	50	80	<20	<2	<3	60			0.4m blue brk. clay & fine limonite bands + pyrite.	6410E	6750N
331	SA	-20	1	40	10	40	<20	<2	<3	50			0-0.2 clay/qtz grvly; >0.2m dk grey clay (= ? brk sh).	6420E	
332	SA	-20	1	10	10	100	<20	<2	<3	40			0-0.7m grey qtz/qtz frags; >0.7m grey clay = sh?	6430E	
333	SA	-20	<1	80	10	110	<20	<2	<3	70			0.3m yell./white/purple banded clay = sh.	6440E	
334	SA	-20	<1	110	50	70	<20	<2	<3	60			0.3m yellow brn clay - residual	6450E	
335	SA	-20	<1	100	70	40	<20	<2	<3	60			As for 334	6460E	
336	SA	-20	<1	130	40	60	<20	<2	<3	60			As for 334	6470E	
337	SA	-20	<1	70	20	30	<20	<2	<3	70			As for 334	6480E	
338	SA	-20	3	70	10	60	<20	<2	<3	10			As for 334	6490E	
339	SA	-20	<1	90	80	80	<20	<2	<3	70			As for 334	6500E	
602CG 340	SA	-20	<1	120	60	40	<20	<2	<3	70			As for 334 = sh.	6510E	6750N
341	SA	-20	10	170	30	100	<20	<2	<3	90			0.3m pale brn grey clay & limonite frs.	6520E	
342	SA	-20	<1	50	90	30	<20	<2	<3	120			0.3m wd. grn grey + blue grey banded clay = sh.	6530E	
343	SA	-20	10	60	40	40	<20	<2	<3	40			pale grey clay & black bands. = sh.	6540E	
344	SA	-20	<1	80	80	60	20	<2	<3	120			wd. pale grn grey sh.	6550E	
345	SA	-20	<1	90	110	40	<20	<2	<3	70			As for 344	6560E	
346	SA	-20	1	70	70	40	<20	<2	<3	70			0.3 yell. brn clay = silty sh.	6570E	
347	SA	-20	<1	20	20	50	20	<2	<3	50			pale cream/grey clay	6580E	
348	SA	-20	<1	90	70	60	20	<2	<3	70			yellow brn clay & red slst/greywacke sst rk frags.	6590E	6750N

⚡ -20 mesh: A.A.S.: Cu Zn Pb Bi Ag Co Ni
✓ ✓ Emission Spec.: Sn, etc.

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA ELIS/76
STATE TAS LOCATION Dundas
Cuni Grid

PROSPECT
NUMBER 602
1:100,000
SHEET 7914

DATE
SAMPLED _____
SAMPLER _____

LABORATORY
REPORT NO. _____
ANALYTICAL
METHOD -20: A.A.S./Emission Spec.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105074

SAMPLE NUMBER	SAMPLE TYPE	APPROXIMATE DEPTH (METERS/ MICROMETERS)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb	Mo	W	As	Mn										E/W	N/L LINE
602CG 327	SA	-20	10	30	<30	<3	<50	<50	100										6380E	6750N
328	SA	-20	10	30	<30	<3	<50	<50	100											
329	SA		50	30	<30	<3	<50	<50	100										6400E	
602CG 330	SA	-20	20	30	<30	<3	<50	<50	30											
331	SA	-20	10	30	<30	<3	<50	<50	30											
332	SA	-20	<5	30	<30	<3	<50	<50	30											
333	SA	-20	20	30	<30	<3	<50	<50	30											
334	SA	-20	10	30	<30	<3	<50	<50	30											
335	SA	-20	20	30	<30	<3	<50	<50	30											
336	SA	-20	30	30	<30	<3	<50	<50	30											
337	SA	-20	10	100	<30	<3	<50	<50	30											
338	SA	-20	<5	30	<30	<3	<50	<50	100											
339	SA	-20	10	30	<30	<3	<50	<50	10										6500E	
602CG 340	SA	-20	30	30	<30	<3	<50	<50	30											
341	SA	-20	10	30	<30	<3	<50	<50	100											
342	SA	-20	20	100	<30	<3	<50	<50	100											
343	SA	-20	20	30	<30	<3	<50	<50	300											
344	SA	-20	20	30	<30	<3	<50	<50	300											
345	SA	-20	30	30	<30	<3	<50	<50	300											
346	SA	-20	10	30	<30	<3	<50	<50	100											
347	SA	-20	20	30	<30	<3	<50	<50	100											
348	SA	-20	10	30	<30	<3	<50	<50	30										6590E	6750N

ADDITIONAL

105075

✓ ✓ F. ... S. ... of ...

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE THS LOCATION Dundas SHEET
CUNI GRID

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL 105076

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (m)	CHEMICAL ANALYSES (ppm)										LOCATION	
			Co	Cr	Sb	Mo	W	As	Mn				E/W	N/S
602 CG 349 SA	SA	-20	20	100	<30	<3	<50	<50	30				6600E	6750N
350 SA	SA	-20	20	30	<30	<3	<50	<50	30					
351 SA	SA	-20	20	100	<30	<3	<50	<50	30					
352 SA	SA	-20	10	30	<30	<3	<50	<50	30					
353 SA	SA	-20	10	30	<30	<3	<50	<50	30					
354 SA	SA	-20	10	100	<30	<3	<50	<50	30					
355 SA	SA	-20	30	30	<30	<3	<50	<50	30					
356 SA	SA	-20	30	100	<30	<3	<50	<50	300					
357 SA	SA	-20	10	100	<30	<3	<50	<50	300					
358 SA	SA	-20	40	100	<30	<3	<50	<50	300					
359 SA	SA	-20	30	300	*	<3	50	<50	300				6700E	
602 CG 360 SA	SA	-20	10	300	*	<3	<50	<50	100					
361 SA	SA	-20	20	30	<30	<3	<50	<50	100					
362 SA	SA	-20	20	30	<30	<3	<50	<50	100					
363 SA	SA	-20	20	30	<30	<3	<50	<50	30					
364 SA	SA	-20	20	100	<30	<3	<50	<50	100					
365 SA	SA	-20	20	100	<30	<3	<50	<50	300					
366 SA	SA	-20	10	30	<30	<3	<50	<50	100					
367 SA	SA	-20	30	100	<30	<3	<50	<50	100					
368 SA	SA	-20	20	30	<30	<3	<50	<50	100					
369 SA	SA	-20	40	30	<30	<3	<50	<50	100				6800E	
370 SA	SA	-20	30	30	<30	<3	<50	<50	100				6810E	

* Cr interference with Sb line

AREA ELIS/76
 STATE TAS LOCATION Dundas

 PROSPECT NUMBER 602
 1:100,000 SHEET 7914

 DATE SAMPLED _____
 SAMPLER _____

 LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: AAS/Emission Spec.

 NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL

105077

CUNI GRID

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (mm) (AREA, MICRONS)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	EN	N/L LINE									
602CG371	SA	-20	<1	40	60	60	<20	<2	<3	60	0.4m black graphitic(?) pyritic sh.	6820E	6750N								
372	SA	-20	100	140	3750	3750	<20	<2	<3	320	0.7m grey greywacke sst ± bk sh. bands.	6830E									
373	SA	-20	<1	170	600	520	20	<2	<3	280	wd greenish brn clay, imm white and brn "xals" (?), bk clay bands. -tuft or glwacke?	6840E									
374	SA	-20	1	100	1100	60	<20	<2	<3	500		6850E									
375	SA	-20	1	40	850	30	<20	<2	<3	380	dillo 373 wd. dk grey imm greywacke sst or tuft.	6860E									
376	SA	-20	1	70	1200	80	<20	<2	<3	130	dk grey & cream sh.	6870E									
377	SA	-20	3	70	120	40	30	<2	<3	140	grn - grey clay = sh.	6880E									
378	SA	-20	1	80	360	20	<20	<2	<3	200	grey & grey bk clay = sh	6890E									
379	SA	-20	<1	100	70	60	<20	<2	<3	130	wd. grn. grey clay = sst.	6900E									
602CG380	SA	-20	3	80	100	100	30	<2	<3	80	pale brn clay = sh.	6910E	6750N								
381	SA	-20	3	100	100	40	<20	<2	<3	100	pale grn grey clay.	6920E									
382	SA	-20	1	200	260	70	<20	<2	<3	200	dillo 381	6930E									
383	SA	-20	30	70	110	120	<20	<2	<3	100	0-1m = grvls; >1m: pale grn. grey clay = sh/sst.	6940E									
384	SA	-20	30	250	260	40	<20	<2	<3	190	0-0.5m grvls/clay; >0.5m banded grn grey & brn clay	6950E									
385	SA	-20	10	70	210	60	<20	<2	<3	180	0.7m grn micac. Silst. coarse 6962E	6960E									
386	SA	-20	<1	130	390	460	20	<2	<3	250	dillo 385 - wd. yell. brn in part.	6970E									
387	SA	-20	30	170	300	600	20	<2	<3	190	deep yell. brn. clay ± limonite frags. = sh?	6980E									
388	SA	-20	<1	160	90	80	<20	<2	<3	240	0.4m brn yell. clay = wd sst?	6990E									
389	SA	-20	<1	80	90	60	<20	<2	<3	450	dillo 388	7000E									
602CG390	SA	-20	<1	140	80	80	<20	<2	<3	400	Sheared chloritic FeMg rich rk = serpentinite? → brnyell clay	7010E	6750N								
391	SA	-20	<1	150	60	80	<20	<2	<3	190	0.5m yell. brn clay ± red hematitic patches (serp. or sh?)	7020E									

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 1:100,000

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL 105078

SAMPLE NUMBER	DEPTH (m)	APERTURE (mm)	LABORATORY (mm)	CHEMICAL ANALYSES (ppm)																LOCATION	
				Co	Cr	Sb	Mo	W	As	Mn										E/W	N/E
602CG 371 SA	-20	20	30	<30	<3	<50	<50	300												6820E	6750N
372 SA	-20	80	30	<30	<3	<50	<50	300													
373 SA	-20	70	30	<30	<3	<50	<50	300													
374 SA	-20	100	1000	*	<3	<50	<50	100													
375 SA	-20	90	300	*	<3	<50	<50	100													
376 SA	-20	40	100	<30	<3	<50	<50	300													
377 SA	-20	60	30	<30	<3	<50	<50	100													
378 SA	-20	60	100	<30	<3	<50	<50	300													
379 SA	-20	40	30	<30	<3	<50	<50	100												6900E	
602CG 380 SA	-20	20	100	<30	<3	<50	<50	100													
381 SA	-20	40	100	<30	<3	<50	<50	100													
382 SA	-20	80	300	*	<3	<50	<50	300													
383 SA	-20	20	1000	*	<3	<50	<50	100													
384 SA	-20	70	1000	*	<3	<50	<50	100													
385 SA	-20	30	300	*	<3	<50	<50	100													
386 SA	-20	60	30	<30	<3	<50	<50	100													
387 SA	-20	30	100	<30	<3	<50	<50	100													
388 SA	-20	30	300	*	<3	<50	<50	30													
389 SA	-20	60	300	*	<3	<50	<50	100												7000E	6750N
390 SA	-20	70	100	30	<3	<50	<50	100													
391 SA	-20	40	300	*	<3	<50	<50	100													

* Cr interference with Sb line

MACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
 CUNI GRID

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD 20: AAS/Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105079

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm)	DEPTH (m)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
				Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				EW	N/LINE
602CG 392	SA	-20	1	190	100	60	<20	<2	<3	650				wd yell. brn. xalline RR = serpentinite	7030E	6750N
393	SA	-20	3	80	70	140	<20	<2	<3	380				0.4m yell. brn clay & sheared serpent. frags.	7040E	
394	SA	-20	300	10	40	20	50	<2	<3	70				0.2m limonite cap on serp. under grey brn soil.	7050E	
395	R		30	10	40	40	<20	<2	<3	1300				Serpentinite: banding 155°/70°W dip but dip E nearby? shearing	7060E	
396	SA	-20	1000	70	150	20	20	<2	<3	500				0.5m into soft limonite over green clay serp.	7080E	
397	SA	-20	100	10	160	60	<20	<2	<3	650				0.2m limon. cap.	7090E	
398	SA	-20	30	10	70	60	<20	<2	<3	340				0.3m muddy clay soil to serpent.	7100E	
399	R		10	80	40	20	<20	<2	<3	1300				serpent. o/c.	7120E	
602CG 400	SA	-20	100	<2	70	20	<20	<2	<3	210				0.3m grey soil on serpent.	7140E	6750N
401																
402																
403																
404																
405	SA	-20	30	90	140	60	30	<2	<3	130				overburden 1-1.5m depth = mixed clay - gravels - sh - dolerite - g/wacke	6210E	6080N
406	SA	-20	1000	50	180	30	<20	<2	<3	110				0-1.3m mud & grvls at base; 1.3m pale blue grey clay = sh.	6240E	
407	SA	-20	3	50	110	40	<20	<2	<3	80				0-0.7m mud; >0.7m wd soft brn slst/sh.	6248E	
408	SA	-20	1	30	30	180	20	<2	<3	50				wd green-brn fine g/wacke SST.	6260E	
409	SA	-20	3	40	20	160	30	<2	<3	30				green grey g/wacke slst.	6270E	
602CG 410	SA	-20	<1	20	20	60	<20	<2	<3	30				fine g/wacke SST o/crop.	6280E	
411	SA	-20	<1	70	40	80	20	<2	<3	60				qtz-limonite veined g/wacke SST o/c.	6290E	
412	SA	-20	1	60	50	60	<20	<2	<3	110				ditto 411 (E base of hill 6305E)	6300E	
413	SA	-20	100	70	50	20	<20	<2	<3	80				0-1.0m mud/grvls; >1.0m pale cream brn sh.	6310E	6080

⊕ - 20mesh - AAS - Cu, Zn, Pb, Bi, Ag, Co, Ni
 Emission Spec. Sn, Fe

AREA ELIS/76 PROSPECT NUMBER 602
STATE TAS LOCATION Dundas SHEET
CUNI GRIDDATE
SAMPLED
SAMPLERLABORATORY
REPORT NO.
ANALYTICAL
METHOD

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105080

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (meters) APERTURE (microns)	CHEMICAL ANALYSES (ppm)										LOCATION	
			Co	Cr	Sb*	Mo	W	As	Mn				ENY	N/L LINE
602CG 392	SA	-20	80	300	*	<3	<50	<50	100				7030E	6750N
393	SA	-20	40	300	*	<3	<50	<50	30					
394	SA	-20	10	3000	*	<3	<50	<50	100					
395	R		120	1000	*	<3	<50	<50	100					
396	SA	-20	110	>10000	*	3	300	<50	3000					
397	SA	-20	150	>10000	*	3	50	<50	300					
398	SA	-20	90	10000	*	<3	50	<50	300					
399	R		90	3000	*	<3	<50	<50	300					
602CG 400	SA	-20	70	3000	*	<3	50	<50	300				7140E	6750N
602CG 405	SA	-20	110	1000	*	<3	<50	<50	1000				6210E	6080N
406	SA	-20	40	3000	*	<3	<50	<50	1000					
407	SA	-20	30	300	*	<3	<50	<50	300					
408	SA	-20	10	30	<30	<3	<50	<50	30					
409	SA	-20	10	100	<30	<3	<50	<50	100					
410	SA	-20	10	30	<30	<3	<50	<50	30					
411	SA	-20	20	30	<30	<3	<50	<50	10					
412	SA	-20	30	30	<30	<3	50	<50	30					
413	SA	-20	20	1000	*	<3	<50	<50	100				6310E	6080N

* Cr interference with Sb line

AREA ELIS/76
STATE TAS LOCATION Dundas

PROSPECT NUMBER 602
1:100,000 SHEET 7914 Pieman

DATE SAMPLED 30.3.79
SAMPLER P.M.

LABORATORY REPORT NO. 20/Emission Spec, AAS
ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL 105081

CUNI Grid

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (m)	CHEMICAL ANALYSES (ppm)								SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni		E/W	N/L
602-3414	SA	-20	300	60	150	60	<20	<2	<3	110	0-0.8m mud over dk grey bk sh frags.	6320E	6080N
415	SA	-20	30	90	110	60	<20	<2	<3	190	0-0.7m mud over (?) blk. sh.	6330E	6080N
416	SA	-20	1000	800	150	40	<20	<2	<3	340	0-1.0m mud over bluegrey/grey blk sh. (W of dolerite)	6335E	6077N
417	SA	-20	100	210	110	40	20	<2	<3	180	0-0.8m dump rubble (N of 417, 416 also) 0.8-1.0m original swamp.	6350E	6080N
418	SA	-20	30	120	70	60	60	<2	<3	100	>1.2m green grey clay = sh.	6360E	
419	SA	-20		110	80	40	<20	<2	<3	130	0-0.3m brn silty soil / slope wash? >0.3m - hard base - fg. dk ign. rk = dolerite? or serpentinite?	6370E	
602CG 420	SA	-20	100	60	180	40	<20	<2	<3	180	>0.3m green-grey fissile sh.	6380E	6080N
421	SA	-20	10	130	80	60	20	<2	<3	500	blue grey / grn grey sh / sst.	6390E	
422	SA	-20	<1	340	250	60	<20	<2	<3	220	grn grey silty clay & rk frags of (?) dolerite or (?) tuff; limonitic	6400E	
423	SA	-20	30	320	50	50	<20	<2	<3	80	0.5m limon yell. brn. soil - limonite or frags (serpent? or glwacke?)	6410E	
424	SA	-20	30	100	80	60	<20	<2	<3	80	fg. chocolate / grn clay glwacke sst? (old workings to Nth.)	6420E	
425	SA	-20	30	60	60	40	<20	<2	<3	50	0-0.5m alluvials? >0.5 chocolate sh / minor grey bands. (old tramway 3m to E)	6430E	
426	SA	-20	30	40	100	40	<20	<2	<3	70	0.8m blue grey clay = sh (coastal line at 6432E)	6440E	
427	SA	-20	30	50	100	140	20	<2	<3	30	0-0.6m dk soil / dolerite frags: >0.6m blue grey micac. sh (425)	6450E	
428	SA	-20	10	110	50	100	<20	<2	<3	80	0-1m: soil / rk frags; >1m qtz-limonite veined grn grey glwacke.	6460E	
429	SA	-20	30	70	110	80	<20	<2	<3	50	sst / fine sst.	6470E	
602CG 430	SA	-20		40	90	80	<20	<2	<3	90	0-1.5m grvls / clay; >1.5m blue black sh.	6480E	6080N
431	SA	-20	<1	80	180	30	30	<2	<3	140	0-1m grvls / mud; >1m dk blue grey sh (wd. blk sh?) & grn blue glwacke sst.	6490E	
432	SA	-20	<1	90	50	120	<20	<2	<3	90	0.5m mud on wd limon. brn grey wacke sst.	6500E	
433	SA	-20	<1	80	100	60	<20	<2	<3	150	>0.5m wd. limon grn grey sh.	6510E	
434	SA	-20	<1	90	60	60	<20	<2	<3	140	>1m wd grn brn. clay = wd grey sh.	6520E	
435	SA	-20	<1	50	70	60	<20	<2	<3	120	As for 433	6530E	6080N

① - 20 mesh: A.A.S. - Cu, Zn, Pb, Bi, Ag, Co, Ni

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

ANALYSES:

105082

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm) (mm) (mm)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb*	Mo	W	As	Mn									E/W		N/L LINE	
602CG 414	SA	-20	60	1000	*	<3	<50	<50	100										6320E	6080 N	
415	SA	-20	40	300	*	3	<50	<50	300												
416	SA	-20	60	1000	*	<3	<50	<50	300												
417	SA	-20	40	1000	*	<3	<50	<50	1000												
418	SA	-20	20	300	*	<3	<50	<50	300												
419	SA	-20	20	30	<30	<3	<50	<50	300												
602CG 420	SA	-20	30	1000	*	<3	<50	<50	3000												
421	SA	-20	60	1000	*	<3	<50	<50	300												
422	SA	-20	20	300	*	<3	<50	<50	300												
423	SA	-20	20	100	<30	<3	<50	<50	300												
424	SA	-20	40	100	<30	<3	<50	<50	300												
425	SA	-20	30	30	<30	<3	<50	<50	100												
426	SA	-20	20	100	<30	<3	<50	<50	300												
427	SA	-20	30	300	*	<3	<50	<50	300												
428	SA	-20	50	100	<30	<3	<50	<50	300												
429	SA	-20	30	300	*	<3	<50	<50	300												
602CG 430	SA	-20	40	100	<30	<3	<50	<50	1000												
431	SA	-20	40	30	<30	<3	<50	<50	1000												
432	SA	-20	30	30	<30	<3	<50	<50	300												
433	SA	-20	40	30	<30	<3	<50	<50	300												
434	SA	-20	50	30	<30	<3	<50	<50	1000												
435	SA	-20	40	30	<30	<3	<50	<50	1000										6530E	6080 N	

* Cr interference with Sb line

PACMINEX REY LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
CUNI GRID

DATE SAMPLED 31-3-79
 SAMPLER P.M.M.

LABORATORY REPORT NO. 20mesk. AAS/Emission Spec
 ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105083

CONT GRID													CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION																																																																											
SAMPLE NUMBER													APERTURE (mm), (mm), (mm), (mm)											E/W	N/E LINE																																																																										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
602CG 436 SA													-20	1	30	60	80	<20	<2	<3	60	>0.5m wd grn brn clay = wd. g/wacke sst.										6540E	6080N																																																																		
437 SA													-20	30	40	20	80	<20	<2	<3	20	wd limon brn clay/grey clay = sh.										6550E																																																																			
438 SA													-20	<1	30	100	80	<20	5	<3	100	0-0.5m wd yell brn clay; >0.5m grn. grey clay (sh?)										6560E																																																																			
439 SA													-20	<1	20	100	80	<20	<2	<3	100	>0.5m wd. limon. brn grn silty clay = wd. sst.										6570E																																																																			
602CG 440 SA													-20	3	30	100	40	<20	<2	<3	110	ditto 439										6580E	6080N																																																																		
441 SA													-20	3	40	120	40	<20	<2	<3	160	ditto 439										6590E																																																																			
442 SA													-20	1000	30	140	20	<20	<2	<3	120	>0.5m med. grey sh.										6600E																																																																			
443 SA													-20	30	30	90	60	<20	<2	<3	90	As for 442										6610E																																																																			
444 SA													-20	100	30	90	70	<20	<2	<3	100	0-0.5m grvls; >0.5m grey sh.										6620E																																																																			
445 SA													-20	1000	40	70	60	30	<2	<3	80	0-0.4m ditto 444										6630E																																																																			
446 SA													-20	300	70	50	60	<20	<2	<3	90	0-0.4m mud/gtz/frags; >0.4m blk. sh.										6640E																																																																			
447 SA													-20	100	80	100	40	<20	<2	<3	80	ditto 446										6650E																																																																			
448 SA													-20	300	40	90	50	20	<2	<3	90	>0.3m hard grey sh/sst.										6660E																																																																			
449 SA													-20	1	90	190	60	<20	<2	<3	160	>0.4m fg. blue grey g/wacke sst.										6670E																																																																			
602CG 450 SA													-20	100	50	90	40	<20	<2	<3	90	0-0.3m gtz rubble/org. soil; >0.3m grn. grey chloritic sst.										6680E	6080N																																																																		
451 SA													-20	30	70	140	40	<20	<2	<3	130	As for 450										6690E																																																																			
452 SA													-20	100	90	160	30	<20	<2	<3	130	As for 450										6700E																																																																			
453 SA													-20	10	50	170	40	<20	<2	<3	110	As for 450										6710E																																																																			
454 SA													-20	30	40	100	40	<20	<2	<3	70	As for 450										6720E																																																																			
455 SA													-20	<1	170	270	20	<20	<2	<3	190	0-0.5m gtz rubble; >0.5m pale grn grey sst ± dk grn sh bands.										6730E																																																																			
456 SA													-20	<1	100	120	40	<20	<2	<3	100	0-0.5m gtz rubble; >0.5m bleached pale brnchy ± dk. grn. bands										6740E																																																																			
457 SA													-20	1000	80	160	80	<20	<2	<3	20	0-0.4m gtz/mud; >0.4m black shale.										6750E	6080N																																																																		

⊕ - 20mesk: AAS: Cu Zn Pb Bi Ag Ni Co
 Emission Spec. Sn, Pb, Bi

AREA ELIS/76
STATE TAS LOCATION Dundas

PROSPECT NUMBER 602
1:100,000 SHEET 79/4

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL _____
105084

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm/ mm/ microns)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb*	Mo	W	As	Mn											EN	N/L LINE
602 RG 436	SA	-20	10	100	<30	<3	<50	<50	300										6540E	6080N	
437	SA	-20	20	100	<30	<3	<50	<50	100												
438	SA	-20	50	30	<30	<3	<50	<50	1000												
439	SA	-20	50	100	<30	<3	<50	<50	300												
602 RG 440	SA	-20	30	100	<30	<3	<50	<50	300												
441	SA	-20	30	100	<30	<3	<50	<50	300												
442	SA	-20	30	100	<30	<3	<50	<50	300									6600E			
443	SA	-20	30	300	*	<3	<50	<50	300												
444	SA	-20	40	300	*	<3	<50	<50	300												
445	SA	-20	40	300	*	<3	<50	<50	300												
446	SA	-20	50	100	<30	<3	<50	<50	300												
447	SA	-20	40	300	*	<3	<50	<50	300												
448	SA	-20	40	100	30	<3	<50	<50	1000												
449	SA	-20	60	30	<30	<3	<50	<50	1000												
602 RG 450	SA	-20	30	300	*	<3	<50	<50	1000												
451	SA	-20	50	100	30	<3	<50	<50	300												
452	SA	-20	60	100	30	<3	<50	<50	1000									6700E			
453	SA	-20	40	100	<30	<3	<50	<50	300												
454	SA	-20	30	100	1000	<3	<50	<50	1000												
455	SA	-20	80	300	*	<3	<50	<50	1000												
456	SA	-20	30	100	<30	<3	<50	<50	1000												
457	SA	-20	20	100	<30	<3	<50	<50	300									6750E	6080N		

* Cr interference with Sb line

MINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76 PROSPECT NUMBER 602
STATE TAS LOCATION Dundas SHEET 79/4

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20: AAS/Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105085

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm) OR ORIFICE (mm)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	E/W	N/L LINE			
602CG 457 SA	-20	10.00	80	160	80	<20	<2	<3	20	0-0.4m qtz rubble; >0.4m black shale	6750E	6080N			
458 SA	-20	10	60	150	200	<20	<2	<3	40	>0.3m black sh (old pit nearby)	6760E				
459 SA	-20	300	30	50	80	<20	<2	<3	50	0-1m: qtz rubble/sh frags; 1-1.3m black sh. rubble-eluvial - not bottomed.	6770E				
602CG 460 SA	-20	30	70	40	60	<20	<2	<3	40	0-0.7m: blocks of white qtz & dk grey qtz "inclusions" (Fault zone scree?); >0.7m dk. grey shale.	6780E	6080N			
461 SA	-20	10	20	20	60	<20	<2	<3	60	>0.4m dk grey shale.	6790E				
462 SA	-20	<1	120	30	280	<20	<2	<3	60	>0.5m limon. brn. clay = wd sh.	6800E				
463 SA	-20	<1	40	10	60	<20	<2	<3	40	wd. limon. sst/clay = wd. banded blk sh/sst?	6810E				
464 SA	-20	1	20	10	100	<20	<2	<3	20	creamy clay = wd. sh?	6820E				
465 SA	-20	<1	110	80	50	20	<2	<3	30	As for 464	6830E				
466 SA	-20	<1	190	40	40	<20	<2	<3	40	As for 464	6840E				
467 SA	-20	<1	140	20	30	30	<2	<3	50	limon. pale grey clay = sh?	6850E				
468 SA	-20	<1	60	30	60	20	<2	<3	50	>0.5m pale cream brn. clay = sh?	6860E				
469 SA	-20	<1	140	90	140	<20	<2	<3	90	Railway cutting: Serpentine ofc in east bank. 100m to NW; brn. yell. clay = ? serp or sst?	6870E				
602CG 470 SA	-20	<1	40	30	30	<20	<2	<3	40	0.5m pale cream clay (sh? or serp?).	6880E	6080N			
471 SA	-20	<1	150	60	80	<20	<2	<3	120	0.5m yell. brn clay (serp. or sh?)	6890E				
472 SA	-20	<1	130	110	40	<20	<2	<3	130	bright yellow-orange, granular clayey soil = ? wd. glwacke or serpent.	6900E				
473 SA	-20	<1	200	130	60	20	<2	<3	120	drft to 472 - white clay "inclusions" (felspar?) - serpent?	6910E				
474 SA	-20	<1	110	80	70	<20	<2	<3	110	As for 473 & red clay patches, fine white kaolin specks.	6920E				
475 SA	-20	<1	100	70	300	<20	<2	<3	40	banded yell. brn. clay, white kaolinitic bands.	6930E				
476 SA	-20	<1	190	80	1120	20	<2	<3	80	granular yell. brn clayey soil - glwacke or serp.?	6940E				
477 SA	-20	3	40	30	2300	<20	<2	<3	10	pale cream clay = sh? (old coastline nearby 6950-55E)	6950E				
478 SA	-20	<1	80	120	300	<20	<2	<3	70	As for 477	6960E	6080N			

① - 20 mesh: AAS Cu Zn Pb Bi Ag Cd Ni

Fluor. Sp. Sn etc.

PACMINEX REY LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 ANALYSES: R - Rock
 Please state element

ADDITIONAL 105086

CUNI GRID

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (meters)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As	Mn					E/W	N/L
602CG 457 SA	-20	20	100	<30	<3	<50	<50	300						6750E	6080N
458 SA	-20	30	100	<30	<3	<50	<50	300							
459 SA	-20	10	30	<30	<3	<50	<50	300							
602CG 460 SA	-20	10	30	<30	<3	<50	<50	100							
461 SA	-20	10	30	<30	<3	<50	<50	30							
462 SA	-20	20	100	<30	<3	<50	<50	100						6800E	6080N
463 SA	-20	10	30	<30	<3	<50	<50	30							
464 SA	-20	10	100	<30	<3	<50	<50	100							
465 SA	-20	20	30	<30	<3	<50	<50	100							
466 SA	-20	10	30	<30	<3	<50	<50	100							
467 SA	-20	10	30	<30	<3	<50	<50	100							
468 SA	-20	10	30	<30	<3	<50	<50	30							
469 SA	-20	20	100	<30	<3	<50	<50	100							
602CG 470 SA	-20	10	100	<30	<3	<50	<50	300							
471 SA	-20	30	30	<30	<3	<50	<50	300							
472 SA	-20	20	30	<30	<3	<50	<50	100						6900E	
473 SA	-20	40	30	<30	<3	<50	<50	100							
474 SA	-20	10	30	<30	<3	<50	<50	100							
475 SA	-20	10	30	<30	<3	<50	<50	100							
476 SA	-20	20	100	<30	<3	<50	<50	100							
477 SA	-20	10	100	<30	<3	<50	<50	100							
478 SA	-20	20	30	<30	<3	<50	<50	100						6960E	6080N

AREA ELIS/76
STATE TAS LOCATION Dundas
PROSPECT NUMBER 602
1:100,000 SHEET 7914 Pieman
DATE SAMPLED _____
SAMPLER _____
LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20: AAS/Emission Spec
NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element
ADDITIONAL 105087

SAMPLE NUMBER	APERTURE (mm)	DEPTH (m)	CHEMICAL ANALYSES (ppm)								SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni		EDM	NUT LINE
602CG 479 SA	-20	<1	70	40	140	<20	<2	<3	80		yell. brn. clay ± white lensoid kaolinitic bands = Serpentinite?	6970E	6080N
480 SA	-20	1	50	80	200	<20	<2	<3	160		blue grey silty soil - glwacke?? - on flat	6980E	6080N
481 SA	-20	1	70	120	<20	<20	<2	<3	150		pale grey brn, grey and limonitic banded clay - on flat = serp??	6990E	
482 SA	-20	<1	90	400	<20	<20	<2	<3	370		0-0.5m mud; >0.5m dk blue green clay ± fine P/mica, minor grey patches = Serp? (or sk?)	7000E	
483 SA	-20	1	70	330	20	<20	<2	<3	280		0-0.5m mud/grvls; >0.5m mottled grey, grey grn clay = Serp?	7010E	
484 SA	-20	1	130	550	180	<20	5	<3	550		As for 483: mottled dk grey/pale grn grey bands.	7020E	
485 SA	-20	1	110	80	20	<20	<2	<3	160		0-0.5m mud/grvls; >0.5m deep grn clay ± grey clay bands = Serpentinite	7030E	
486 SA	-20	1	60	80	20	<20	<2	<3	110		As for 485	7040E	
487 SA	-20	<1	50	110	60	<20	5	<3	90		0-1m yell. brn clay ± remnant pale grey grn. bands = Serp?	7050E	
488 SA	-20	<1	90	350	240	<20	<2	<3	140		0-1.2m yell. orange brn clay = wd. Serpentinite?, minor limonite scree.	7060E	
489 SA	-20	<1	220	70	140	<20	<2	<3	180		1.0m: grey brn. micaceous clay.	7070E	
602CG 490 SA	-20	3	100	70	40	<20	<2	<3	140		0-0.5m mud/ qtz grvls; >0.5m grey brn. clay	7080E	6080N
491 SA	-20	3	560	70	<20	<20	<2	<3	130		0-0.5m mud/grvls; >0.5m yell. br. clay = wd. Serp?	7090E	
492 SA	-20	1	10	70	100	<20	<2	<3	110		0.5m mud on pale grn. clayey wd. serpent.	7100E	
493 SA	-20	50	30	180	220	<20	<2	<3	180		0-0.5m mud on pale grey and grn wd. serpent.	7110E	
494 SA	-20	3	10	170	60	<20	<2	<3	600		0-0.5m ditto 493	7120E	
495 SA	-20	<1	10	100	20	<20	<2	<3	370		ditto 493	7130E	
496 SA	-20	3	10	260	60	<20	5	<3	600		ditto 493	7140E	
497 SA	-20	1	10	160	60	<20	<2	<3	500		0-0.4m mud on deep grn serpentinite clay	7150E	
498 SA	-20	<1	10	80	20	<20	<2	<3	180		0-0.5m limon. brn. clay = serpent?	7160E	
499 SA	-20	<1	10	80	<20	<20	<2	<3	240		ditto 498	7170E	
602CG 500 SA	-20	1	10	60	20	<20	<2	<3	260		mottled red, black and limon. brn. clay = wd. serpent. (highway at 719SE)	7180E	6080N

① -20 mesh / A.A.S. Cu Zn Pb Bi Ag Co Ni

Serpentinite Serp. Sn etc.

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105088

CUNI GRID

SAMPLE NUMBER	SAMPLE TYPE	ANALYSE (ppm)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION										LOCATION	
			Co	Cr	Sb	Mo	W	As	Mn														ED	NK LINE
602CG 479 SA	SA	-20	20	100	<30	<3	<50	<50	30														6970E	6080N
602CG 480 SA	SA	-20	20	30	<30	<3	<50	<50	30															
481 SA	SA	-20	20	300	<30	<3	<50	<50																
482 SA	SA	-20	60	300	<30	<3	<50	<50															7000E	
483 SA	SA	-20	30	100	<30	<3	<50	<50																
484 SA	SA	-20	200	300	<30	<3	<50	<50																
485 SA	SA	-20	40	1000	<30	<3	<50	<50																
486 SA	SA	-20	20	100	<30	<3	<50	<50																
487 SA	SA	-20	20	100	<30	<3	<50	<50																
488 SA	SA	-20	20	300	<30	<3	<50	<50																
489 SA	SA	-20	30	300	<30	<3	<50	<50																
602CG 490 SA	SA	-20	20	1000	<30	<3	<50	<50																
491 SA	SA	-20	30	1000	<30	<3	<50	<50																
492 SA	SA	-20	20	1000	<30	<3	<50	<50															7100E	6080N
493 SA	SA	-20	30	3000	<30	<3	<50	<50																
494 SA	SA	-20	80	10000	<30	<3	<50	<50																
495 SA	SA	-20	60	1000	<30	<3	<50	<50																
496 SA	SA	-20	60	1000	<30	<3	<50	<50																
497 SA	SA	-20	40	1000	<30	<3	<50	<50																
498 SA	SA	-20	50	1000	<30	<3	<50	<50																
499 SA	SA	-20	60	300	<30	<3	<50	<50																
602CG 500 SA	SA	-20	300	300	<30	<3	<50	<50															7180E	6080N

PACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76, Dundas PROSPECT NUMBER 602
STATE TAS LOCATION CuNiGrid SHEET 7914 Pieman

DATE SAMPLED 11.4.79
SAMPLER

LABORATORY REPORT NO.
ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105089

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/E LINE
602CG 501	SA	-20	30	50	110	40	<20	<2	<3	80			0-0.7m mud/gravels; >0.7m - red & pale grey/cream clay = Sh? (mid railway = 5650N)	6290E	5700N
502	SA	-20	<1	40	20	20	<20	<2	<3	60			limon. yell. brn/purplish brn clay, minor red clay, dk green clay inclusions.	6210E	
503	SA	-20	<1	70	60	20	<20	<2	<3	80			As for 502 - no inclusions	6220E	
504	SA	-20	<1	40	80	40	<20	<2	<3	70			0.5m deeply wd. limon. brn greenish clay.	6230E	
505	SA	-20	<1	50	40	20	<20	<2	<3	80			As for 504	6240E	
506	SA	-20	1	110	40	<20	<20	<2	<3	110			yell. brn & deep red brn clay.	6250E	
507	SA	-20	1	80	20	20	<20	<2	<3	50			0.5m. deeply wd. yell. brn. clay & red brn clay (= 506)	6260E	
508	SA	-20	<1	110	100	20	<20	<2	<3	180			0.6m dk. blue grey - purplish grey - grey grn clay sh/slst	6270E	
509	SA	-20	<1	60	120	20	<20	<2	<3	70			As for 508	6280E	
602CG 510	SA	-20	<1	40	60	20	<20	<2	<3	60			0-0.7m gravels (nr. Nevada Ck and railway bed); >0.7m red clay = sh. (Nevada Ck carries Alluv Sn).	6290E	5700N
511	SA	-20	<1	90	170	40	<20	<2	<3	80			0-1.3 clay/grvls; >1.3m deeply wd. limonitic brn clay + frags grey sh.	6300E	
512	SA	-20											0-1m grvls - Not SAMPLED (N/S)	6310E	
513	SA	-20	5	60	170	100	<20	5	<3	100			0-1.3m grvls; >1.3m deeply wd. brn. slt limon. clay = residual? (railway bed 6330E → 6360E)	6320E	
514	SA	-20											0-1.0m grvls; 1-1.4m purplish black clay. (N/S)	6360E	
515	SA	-20	1	190	400	1650	<20	<2	<3	210			0-1.2m purplish black clay; >1.2m dk brn deeply wd glwacke Sst? or volcanic? 6380E = +1.4m grvls; 6390E = +1.4m grvls - N/S.	6370E	5700N
516	SA	-20	1	110	230	280	<20	5	<3	180			0-0.7m grvls (in Ck); >0.7m wd. Rhak. glwacke Sst?	638 E	5705N
517	SA	-20	<1	40	550	100	<20	5	<3	120			0-1.0m mud/grvls; >1.0m pale blue grey clay	6400E	5705N

-20 : AAS Cu Pb Zn Ag Co Bi

08

LIM LE A S

AREA _____
STATE _____ LOCATION _____
PROSPECT NUMBER _____
1:100,000 SHEET _____

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE — M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL _____
105090

SAMPLE NUMBER	SAMPLE TYPE	APPROXIMATE DEPTH (feet)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As												E/W	N/S
602CG 501	SA	-20	30	100	<30	<3	<50	<50													
502	SA	-20	10	20	<30	<3	<50	<50													
503	SA	-20	20	20	<30	<3	<50	<50													
504	SA	-20	10	30	<30	<3	<50	<50													
505	SA	-20	10	20	<30	<3	<50	<50													
506	SA	-20	20	20	<30	<3	<50	<50													
507	SA	-20	10	100	<30	<3	<50	<50													
508	SA	-20	30	20	<30	<3	<50	<50													
509	SA	-20	30	20	<30	<3	<50	<50													
602CG 510	SA	-20	20	20	<30	<3	<50	<50													
511	SA	-20	30	300	<30	<3	<50	<50													
512	SA	-20																			
513	SA	-20	20	100	<30	<3	<50	<50													
514	SA	-20																			
515	SA	-20	30	100	<30	<3	<50	<50													
516	SA	-20	40	100	<30	<3	<50	<50													
602CG 517	SA	-20	40	30	<30	<3	<50	<50													

AREA EL 15/76, Dundas
 STATE TAS LOCATION CUNi GRID

 PROSPECT NUMBER 602
 1:100,000 SHEET Pieman T914

 DATE SAMPLED 22.5.79
 SAMPLER P. MACNAMARA

 LABORATORY REPORT NO.
 ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE -

 M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105091

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (LINE/ MICRON)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	EN	N LINE			
602CG 521	SR	+20	<5	7	150	25	35	3				Sieved +20 mesh, washed sample from 602CG 151 auger hole. Rounded frags of limonite-goethite + fibrous magnetic (?) magnetite, 15m W of railway to Melba Siding (Mt. Lyell concentrate loading). White + limonitic - 20 mesh soil washed out.	7720E	7485N	
602CG 522	R		<5	7	210	20	35	3				+ 5cm chips of the thin (0.5-1m?) limonite-goethite - ? magnetite capping over (?) serpentinite (Exposed 15m E in railway cutting and 15m W in outcrop). Collected in a radius of 5m of 7720E.	7720E	7485N	
602CG 523	R		<5	<2	30	5	15	1				Serpentinite from cutting - loose serpentinite blocks above the railway cutting - fresh, non-weathered	7735E	7485N	
602CG 524	R		<5	2	135	20	30	2				Rock chips from thin limonitic-goethitic (?) capping over (?) serpentinite. Exposed nearby; magnetite.	7710E	7485N	
602CG 525	R		<5	2	35	10	30	1				Chips from outcropping: serpentinite / coarse grained augite in places. Mainly a pale greenish white rock (felspathic? - possibly c.g. dolerite).	7705E	7495N	
(See check samples for results)															
(for Ni - Co - Cr - W)															

APPENDIX V

Nevada Grid : Soil Sample Analyses 1979

Part I : Check Analyses of Anomalous Samples
Listed in Part II.

Part II : Initial Soil Sample Analyses.

<u>Line</u>	<u>Sample Numbers</u>
NEV 1	602 NEV 001 - 052
NEV 2	053 - 075
NEV 3	076 - 122

AREA EL 15/76
STATE TAS LOCATION Dundas

PROSPECT NUMBER 602
1:100,000 SHEET 7914 PIEMAN

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL 105093

NEVADA GRID

SAMPLE NUMBER	DEPTH (feet)	ANALYST (initials)	CHEMICAL ANALYSES (ppm)																																	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	Co	Cr	Sb	Mo	W	As	Mn	Ba	Ca	Ti	Ce	E/W		N/S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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MACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76, Dundas PROSPECT NUMBER 1:100,000
STATE TAS LOCATION NEVADACK SHEET

DATE SAMPLED
SAMPLER

LABORATORY REPORT NO.
ANALYTICAL METHOD A/E = AAS/Emission Spec

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105094

NEV-1 LINE

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (microns)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				N	W
602 NEV													NEV1/1590N : 0-1.3m grey mud + rk frags = grvls; 1.3-1.5m limonitic mud + rk frags = grvls (or conglomerate?) N/S.	1590N	NEV1
													0-1.4m grey mud/grvls; 1.4-2.1m limonitic clay mud + elongate gravels to 8cm long of wd. gl/wacke sst? N/S	1580N	
A/E NEV.001	R		10	50	170	60	<20	<2	<3	90			0-1.6m grey mud; 1.6-2.0m grvls + brn limon. mud N/S	1570N	
													0-2m grey mud/grvls ± yellow wd. (?) felspar sand ± fine gravels 1.6-2m.	1550N	
A/E 602 NEV.001	SA	-20											0-0.7m grey clay + grvls - stopped in grvls at 0.7m (collar 0.5-1m below flat surface 1550N → 1600N)	1540N	NEV1
002	SA	-20	<1	10	50	40	<20	<2	<3	20			0-1m mud; 1-2m pale white gritty clay, mica ± fine rounded qtz and grey chert. Sample at 2.0m not residual.	1530N	
003	SA	-20	<1	10	20	<20	<20	<2	<3	50			0-2.2m sandy clay ± mica and imm rk(?) frags - possibly residual but probably Alluvial. Sample at 2.2m.	1518N	
004	SA	-20	<1	10	60	20	<20	<2	<3	60			0-1.5m AS for 003 ? not residual? - similar to Tailings	1510N	
005	SA	-20	<1	10	90	40	<20	<2	<3	60			wd. limonitic banded dk grey grn sandy gl/wacke type clay ± ? sh. bands? - probably residual.	1500N	
006	SA	-20	<1	70	190	<20	<20	<2	<3	180			0-1.5m grvls; >1.5m fg. dk bluegrn grey shaley rock = ? gl/wacke sh.	1490N	
007	SA	-20	<1	120	70	<20	<20	<2	<3	50			0-0.3m clay/grvls; >0.3m variegated dk green grey, mauve grey mottled clay at 2m.	1460N	
													(NEV1/1470N: 0-1.2m dk brn clay ± elongate grvls NEV1/1480N: 0-2m clay/pobbles; >2m light grey sh bedrock - to hard to sample)		
008	SA	-20	<1	90	180	20	<20	<2	<3	80			AS for 007 - mottled mauve grey, dk grey green clay = gl/wacke sh? - south bank of Nevada Ck.	1450N	
009	SA	-20	<1	120	150	20	<20	<2	<3	100			0-2.5m AS for 007	1440N	
602 NEV 010	SA	-20	<1	70	70	40	<20	<2	<3	120			0-0.6m grey white clay/qlz grvls; 0.6m-1.2m dark brn clay + grvls; 1.2-1.5m cream brn clay = wd. sh ± minor limonite	1430N	NEV1
011	SA	-20	<1	50	40	40	<20	<2	<3	80			0-1.2m AS for 010.	1420N	
012	SA	-20	<1	60	40	40	<20	5	<3	60			0-1.0m bright orange yell brn. clay = wd. shale.	1410N	
013	SA	-20	<1	60	50	40	<20	<2	<3	60			AS for 012 - red sh bands also.	1400N	
014	SA	-20	<1	80	50	20	<20	<2	<3	70			0-1.0m mud; >1m med brn to dk brn clay = sh ± minor Mn stains.	1390N	
015	SA	-20	<1	50	70	20	<20	<2	<3	80			on flat: AS for 014.	1380N	NEV1

-20: AAS(A) = Cu, Zn, Pb, Bi, Ag, Ni; Emission (E) = Sn, W, etc

PACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76, Dundas PROSPECT NUMBER 1:100,000
 STATE TAS LOCATION NEVADA CK SHEET 105095
 LINE: NEV1

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL 105095

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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PLACEMEX LTD. SAMPLE DATA SHEET

AREA ELIS/76, Dundas PROSPECT NUMBER 1:100,000
 STATE TAS LOCATION NEVADA CK SHEET
 LINE: NEVADA 1

DATE SAMPLED
 SAMPLER

LABORATORY REPORT NO.
 ANALYTICAL METHOD A/E : AAS/Emission

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL 105096

	SAMPLE NUMBER	SAMPLE TYPE	APERTURE (microns, microgram)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
				Sn		Cu	Zn	Pb	Bi	Ag	Au	Ni	EMP N	WGS LINE								
				1	2	3	4	5	6	7	8	9			10	11	12	13	14		15	16
A/E	602 NEV.016	SA	-20	<1	50	80	20	<20	<2	<3				0-0.5m mud (flat); 0.5m-1.0m pale yell. brn. clay = Sh?	1370N	NEV1						
A/E	017	SA	-20	<1	80	40	80	<20	<2	<3				As for 016.	1360N							
	018	SA	-20	<1	40	50	100	<20	<2	<3				As for 016	1350N							
	019	SA	-20	<1	80	50	80	<20	<2	<3				0-0.7m pale yell. brn. clay = Sh.	1340N							
	602 NEV.020	SA	-20	<1	90	90	20	<20	<2	<3				As for 019	1330N							
	021	SA	-20	<1	10	160	40	<20	<2	<3				0-0.2m Shallow Sample: scree + limonitic "gossan" + brn. clay; limonite banded (bedded?).	1320N							
AI	022	R		<5	500	990	85	10	1*	1.5	1300			Banded limonitic "gossan" ± bright black xals (check Sn, Cr): o/c spread over 3m length, largest boulder 0.4m wide.	1315N							
A/E	023	SA	-20	<1	420	650	80	<20	<2	<3	950			Slope wash - grey soil + cellular grey qtz-siliceous material ± limonite patches.	1310N							
AI	024	R		<5	10	690	10	<5	<1	* 0.8	50			grey brn soil + grey-white siliceous frags at 0.7m (margin to limonite "gossan"?)								
A/E				<1	20	390	<20	<20	<2	<3	50			o/c at 1315N: 065/ steep S dip = limonitic "gossan".								
	025	SA	-20	<1	10	100	20	<20	<2	<3				0-0.5m brn grey to grey gritty soil, siliceous frags: Razorback Conglomerate scree; includes frags of pinholed and qtz veined grey siliceous material.	1300N							
	026	SA	-20	<1	10	30	<20	<20	<2	<3				0-0.4m med grey to brn-grey gritty soil ± pinholed grey siliceous frags.	1290N							
	027	SA	-20	<1	<2	20	20	<20	5	<3				As for 026 + dk. grey pinholed qtzose frags ± black shiny crystals.	1280N							
	028	SA	-20	<1	10	30	<20	<20	<2	<3				0-0.3m slope wash gritty soil; >0.3m pale brn. clayey soil, minor Mn = Sh?	1270N							
	029	SA	-20	<1	30	360	40	<20	<2	<3				0-0.5m med. brn. clay ± limonitic zones = Sh? (nearby o/c of 0.3-0.8mm qtz pebble breccia conglom.)	1260N							
	602 NEV.030	SA	-20	1	<2	50	20	<20	<2	<3				0-0.3m mud / qtzose grit; 0.3-0.6m med. brn. clay = Sh.	1250N	NEV1						
	031	SA	-20	30	<2	20	<20	<20	<2	<3				0-0.2m grey brn mud / qtzose frags; >0.2m pale brn wd shale ± frags of hard (?) siliceous chloritic (green) shale. (-20 = 400 ppm Sn by XRF)	1240N							
	032	SA	-20	30	<2	20	<20	<20	<2	<3				0-0.3m: scree; >0.3m contorted shale; o/c 030/40°E bedded Sh + fine g/wacke sst. (-20 = <20 ppm Sn by XRF)	1230N							
	033	SA	-20	1	10	30	20	<20	<2	<3				0-0.4m shale rubble As for 032: bdg? 090/50°S - sheared 115°.	1220N							
	034	SA	-20	<1	<2	40	20	<20	<2	<3				green chloritic sh / sst 070/60°S - As for 032.	1210N							
	035	SA	-20	1	<2	20	<20	<20	<2	<3				As for 033.	1200N							
	036	SA	-20	<1	10	20	<20	<20	<2	<3				As for 033. o/c 090/60°S	1190N	NEV1						

AI: AAS + XRF for Sn, W. @ -20: A/E: AAS - Cu, Zn, Pb, Bi, Ag, Ni, Co; Emission: Sn, W etc.

PACMINEX INC. LTD. SAMPLE DATA SHEET

AREA EL 15/76 Dundas PROSPECT NUMBER
 STATE TAS LOCATION NEVADACK SHEET

DATE SAMPLED
 SAMPLER

LABORATORY REPORT NO.
 ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105097

LINE NEV1

SAMPLE NUMBER	SAMPLE TYPE	APPROX. DEPTH (feet/meters)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As	Mn					ENV N	LINE
602 NEV 016	SA	-20	20	30	<30	<3	<50	<50	<5					1370N	NEV1
017	SA	-20	20	<20	<30	<3	<50	<50	<5					1360N	
018	SA	-20	30	20	<30	<3	<50	<50	<5						
019	SA	-20	10	<20	<30	<3	<50	<50	<5						
020	SA	-20	20	20	<30	<3	<50	<50	<5						
021	SA	-20	10	100	<30	<3	<50	<50	30						
022	R		135				25								
			90	300	<30	<3	<50	<50	300						
023	SA	-20	20	1000	<30	<3	<50	<50	30						
024	R		35				10								
			10	3000	<30	<3	1000	<50	100						
025	SA	-20	<5	100	<30	<3	<50	<50	10					1300N	
026	SA	-20	<5	100	<30	<3	<50	<50	<5						
027	SA	-20	<5	<20	<30	<3	<50	<50	<5						
028	SA	-20	<5	20	<30	<3	<50	<50	<5						
029	SA	-20	30	100	<30	<3	<50	<50	30						
030	SA	-20	20	20	<30	<3	<50	<50	5						
031	SA	-20	10	100	<30	<3	<50	<50	30						
032	SA	-20	10	100	<30	<3	<50	<50	10						
033	SA	-20	<5	20	<30	<3	<50	<50	10						
034	SA	-20	20	30	<30	<3	<50	<50	30						
035	SA	-20	<5	30	<30	<3	<50	<50	30					1200N	
036	SA	-20	<5	<20	<30	<3	<50	<50	5					1190N	NEV1

ANALYST
 N/E

A/E

PACMINEX PTY LTD SAMPLE DATA SHEET

AREA ELIS/76, Dundas PROSPECT NUMBER 602
STATE TAS LOCATION NEVADH CK SHEET

DATE SAMPLED
SAMPLER

LABORATORY REPORT NO.
ANALYTICAL METHOD A=AA5; E=Emission Spec.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105098

LINE: NEV1

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICROM.)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E-W	N-S
602NEV037	SA	-20	<1	10	20	20	<20	<2	<3	20			green chloritic (glwacke?) sh/sst	1180N	NEV1
038	SA	-20	1	10	30	<20	<20	<2	<3	20			greenish dk grey shale 090/60S	1170N	
039	SA	-20	<1	10	10	20	<20	<2	<3	20			dk 2-5mm qtz gritstone/breccia conglomerate: contact ~1165N? between previous shale and new unit? breccia + 3m wide strike ~110° steep S dip.	1160N	
602NEV040	SA	-20	1	<2	10	<20	<20	<2	<3	10			2mm gritstone, limonitic cement (after chlorite?) grading into lithic (sh frags) breccia & qtz - purple green sh frags in green chloritic gritty matrix. ? 120° steep S dip.	1150N	NEV1
041	SA	-20	3	<2	10	<20	<20	<2	<3	30			As for 040	1140N	
042	SA	-20	3	10	20	<20	<20	<2	<3	20			0-0.3m grey brn. mud + qtz scree; >0.3m green grey shale. (qtz boulder rubble 1123 → 1127 = F?)	1130N	
043	SA	-20	50	30	250	40	<20	<2	<3	90			0-0.4m mud/ qtzose grit; 0.4-0.6m dk grn chloritic glwacke sst & dk. red, brn. bands. (-20 = 25 ppm Sn by XRF)	1120N	
044	SA	-20	<1	10	280	40	<20	<2	<3	110			0-0.3m mud; >0.3m red and dark grn. glwacke sst.	1110N	
045	SA	-20	3	10	240	<20	<20	<2	<3	90			0-0.3m mud; >0.3m banded grn and mauve chocolate glwacke shale.	1100N	
046	SA	-20	<1	20	200	20	<20	<2	<3	80			0-0.4m As for 045	1090N	
047	SA	-20	1	10	180	20	<20	<2	<3	100			0-0.6m As for 045	1080N	
048	SA	-20	<1	20	200	100	<20	<2	<3	90			0-0.6m mud; >0.6m red-mauve shale.	1070N	
049	SA	-20	1	20	200	<20	<20	<2	<3	50			0-0.6m mud; >0.6m mauve and green clay = sh.	1060N	
602NEV050	SA	-20	30 60	40	220	20	<20	<2	<3	90			0-0.6m: pale brn. mud, qtz, chert etc frags; >0.6m green-dk brn. clay (As above): -20/60 ppm Sn by XRF	1050N	NEV1
051	SA	-20											0-0.6m gravels, mud mainly	1020N	
052	SA												0.6 → 1.3m grvls, mud mainly, minor grits - bouldered in gravels (gravels at 1000N → 1040N are +1.5m thick and were not penetrated to bedrock).	1020N	
051	R		30	10	50	40	<20	<2	<3	50					
052	R		30	50	170	80	<20	<2	<3	110					

-20 mesh: AAS = Cu, Zn, Pb, Bi, Ag, Ni, Co; Emission: Sn, W, etc

AREA ELIS/76 Dundas PROSPECT NUMBER 602
 STATE TNS LOCATION NEVADIA CK SHEET
 LINE NEV1

DATE SAMPLED
 SAMPLER

LABORATORY REPORT NO.
 ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL
105099

LINE													NEV													CHEMICAL ANALYSES (ppm)													SUMMARY DESCRIPTION													LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
SAMPLE NUMBER			SAMPLE TYPE	APERTURE (INCHES)	MAGNIFICATION (MICRONS)	Co	Cr	Sb	Mo	W	As	Mn														SEAL-N	RES. LINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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A/C
 x
 N/E
 x

PACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76, Dundas
STATE TNS LOCATION NEVADA CK
LINE: NEV2

PROSPECT NUMBER 602
1:100,000 SHEET 7914 Plinian

DATE SAMPLED 26-4-79
SAMPLER P.M.M.

LABORATORY REPORT NO. A/E = AAS/Emission Spec.
ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL
105100

A/E

x

SAMPLE NUMBER	SAMPLE TYPE	ANALYSIS METHOD	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				-E-W	N-S LINE
602 NEV 055	SA	-20	1	90	90	100	<20	5	<3	500			0-0.3m pale brn mud + rk frags (q/z etc); >0.3m grn grey sh bottom	1000N	NEV2
056	SA	-20	<1	20	90	<20	<20	<2	<3	110			0-0.2m mud; 0.2m-0.5m dk grn brn mottled clay = sh.	1010N	
057	SA	-20	1	470	1800	1240	<20	5	<3	4300			0-0.7m mud on pyritic mottled dk green & grn brn + cream clay = sh?	1020N	
058	SA	-20	30	170	1900	1440	<20	10	<3	3600			0-0.4m mud/q/z frags; >0.4m dk grn and blue grey g/wacke sst	1030N	
		-20	25										2 pyrite + black minerals - residual or on top of sh?		
059	SA	-20	3	30	1550	260	<20	5	<3	950			0-0.4m mud; >0.4m mottled white - greenish brn clay = sh?	1040N	
602 NEV 060	SA	-20	3	20	50	60	<20	<2	<3	90			0-0.2m org. soil; >0.2m white clay = wd pale green silty shale.	1050N	NEV2
061	SA	-20	<1	20	60	20	<20	<2	<3	50			As for 060	1060N	NEV2
062	SA	-20	<1	10	50	20	<20	5	<3	50			o/c pale green silty shale 100°M/70°S dip; banded.	1070N	
063	SA	-20	<1	20	90	<20	<20	5	<3	80			As for 062	1080N	
064	SA	-20	<1	10	70	40	<20	5	<3	50			As for 062	1090N	
065	SA	-20	<1	20	50	20	20	<2	<3	40			yell. brn. clay	1100N	
066	SA	-20	<1	30	40	40	<20	<2	<3	50			As for 065	1110N	
067	SA	-20	<1	90	40	20	<20	<2	<3	60			As for 065	1120N	
068	SA	-20	<1	10	70	40	<20	5	<3	30			o/c q/z-chert clast conglomerate ? 120°M/dip 90°? - contact 1175N?	1130N	
		-20	<1	20	120	60	<20	<2	<3	60			0-0.5m yell. brn clay & q/z-chert frags = Razorback Conglomerate		
069	SA	-20	<1	20	120	60	<20	<2	<3	60			dk grn. brn, brn clay + q/z, chert frags - As for 068	1140N	
602 NEV 070	SA	-20	<1	20	90	20	<20	<2	<3	50			0-0.5m As for 068.	1150N	NEV2
071	SA	-20	<1	10	50	60	<20	<2	<3	20			0-0.5m pale cream clay + finer frags than 068.	1160N	
072	SA	-20	<1	<2	30	<20	<20	<2	<3	40			0-0.4m pale grn & grn brn clay + q/z, chert, sh clasts (congl)	1170N	
073	SA	-20	<1	10	20	<20	<20	<2	<3	20			0-0.5m yell. brn clay - 3mm fine cgl.	1180N	
074	SA	-20	1	20	50	80	<20	<2	<3	40			0-0.3 orange brn clayey fine conglom.	1190N	
075	SA	-20	<1	10	20	40	<20	<2	<3	30			As for 074 - A 0.5-1cm pebble conglom o/c in vicinity strikes ? 130°/dip 80°S?	1200N	

-20 mesh: AAS = Cu, Zn, Pb, Bi, Ag, Ni, Co; Emission: Sn, W etc

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL15/16 Dundas PROSPECT NUMBER 602
 STATE TAS LOCATION NEVADA CK SHEET 7914
 LINE NEV2

DATE SAMPLED 28.4.79 LABORATORY REPORT NO. _____
 SAMPLER P. MACNAMARA ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger/RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105101

SAMPLE NUMBER	SAMPLE TYPE	APPROXIMATE DEPTH (m)	CHEMICAL ANALYSES (ppm)														SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As	Mn									RAW N	MS LINE
602 NEV 055	SA	-20	10	100	<30	<3	<50	<50	10									1000N	NEV2
056	SA	-20	20	300	<30	<3	<50	<50	10										
057	SA	-20	380	1000	<30	<3	<50	<50	100										
058	SA	-20	360	1000	<30	<3	<50	<50	300										
059	SA	-20	130	1000	<30	<3	50	<50	100										
060	SA	-20	<5	30	<30	<3	<50	<50	10									1050N	
061	SA	-20	10	100	<30	<3	<50	<50	30										
062	SA	-20	10	<20	<30	<3	<50	<50	5										
063	SA	-20	10	<20	<30	<3	<50	<50	5										
064	SA	-20	10	<20	<30	<3	<50	<50	5										
065	SA	-20	10	<20	<30	<3	<50	<50	5									1100N	NEV2
066	SA	-20	<5	<20	<30	<3	<50	<50	<5										
067	SA	-20	10	<20	<30	<3	<50	<50	<5										
068	SA	-20	<5	<20	<30	<3	<50	<50	5										
069	SA	-20	20	<20	<30	<3	<50	<50	10										
602 NEV 070	SA	-20	20	<20	<30	<3	<50	<50	10									1150N	NEV2
071	SA	-20	<5	<20	<30	<3	<50	<50	10										
072	SA	-20	<5	<20	<30	<3	<50	<50	10										
073	SA	-20	<5	<20	<30	<3	<50	<50	5										
074	SA	-20	10	<20	<30	<3	<50	<50	5										
075	SA	-20	10	<20	<30	<3	<50	<50	<5									1200N	NEV2

-20: A/E = AAS for Co; E = Emission for Cr, Sb, W etc, Sn, Au.
 N-202/A-AAS - Cr;

AREA ELIS/76, Dundas
STATE TAS LOCATION NEVADOCK
LINE: NEV 3

PROSPECT NUMBER 602
1:100,000 SHEET 7914 Premises

DATE SAMPLED 28.4.79
SAMPLER P.M. Macnamara

LABORATORY REPORT NO. A/E: AAS/Emission Spec
ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL
105102

SAMPLE NUMBER	SAMPLE TYPE	ANALYST	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				EA N	MS LINE
A/E 602 NEV 076	SA	-20	<1	30	50	80	<20	<2	<3	50			0-0.5m yell-brn clay, grn-brn clay + qtz grit = contact? area.	1210N	NEV3
077	SA	-20	<1	30	90	120	<20	<2	<3	40			0-0.4m grn + yell-brn clay = Sh.	1220N	
078	SA	-20	<1	50	80	60	<20	<2	<3	70			0-0.3m yell-brn clay & grey to grn. shale frags (gully 1235N flows W)	1230N	
079	SA	-20	1	40	80	40	<20	<2	<3	80			0-0.3m mud; 0.3-0.5m grey shale. (mud/ht 1237 → 1252N)	1240N	
A/E 602 NEV 080	SA	-20	10	50	150	40	<20	<2	<3	240			0-0.2m mud; 0.2-0.3m grey Sh + limonitic debris.	1250N	
A/E 081	R		<5	2	260	25	10	2	0.1	50			Limonite o/crop 1253 → 1257N; cellular, Exotic? (non-residual, spring-fed type?)	1255N	
N/E 082	SA	-20	<1	490	1450	360	<20	<2	<3	1950			0-0.5m gritty grey clay & dark heavy minerals + qtzose frags.	1260N	
083	SA	-20	<1	280	3750	140	<20	<2	<3	5000			0.5-0.6m black mud & pyrite - probable shale bottom.	1270N	
084	SA	-20	1	60	100	60	<20	<2	<3	400			As for 082 = greenish shale? (siliceous-chlorite material = fault?)	1280N	
085	SA	-20	<1	50	70	80	<20	<2	<3	90			at 1265N 0-0.3m mud, qtz grit & old grass root zone at 0.3m; 0.3m-2.2m db organic mud & qtz, chert, grit frags = Alluvials @ 084 sampled at 1280N/20m W on 030° trending ridge that 085 occurs on: 0-0.5m green grey shale frags.	1297N	
A/E 086	R		<5	270	210	50	<5	<1	0.1	90			1297N/10m E: o/c ridge 030°/60° S dip greenish brn chloritic (glwacke) s/st.	1280N	
N/E 087	SA	-20	1	80	90	20	<20	<2	<3	130			qtz-limonite o/crop: fault or cap?	1300N	
088	SA	-20	1	160	130	60	<20	<2	<3	180			0-0.4m mud; >0.4m: blue grey and grey wd. glwacke s/st.	1310N	
089	SA	-20	1	20	60	40	<20	<2	<3	60			0-0.5m mud flat; 0.5-0.7m db grey pyritic shale.	1320N	
090	SA	-20	1	20	60	40	<20	<2	<3	80			0-0.7m mud on wd. light grey Sh.	1330N	NEV3
602 NEV 090	SA	-20	<1	20	50	20	<20	<2	<3	80			0-0.4m yellow brn clay + wd. grn-grey chloritic shale.	1340N	
091	SA	-20	<1	40	80	40	<20	<2	<3	110			As for 090	1350N	
092	SA	-20	1	40	60	80	<20	5	<3	90			db blue grey clay = shale.	1360N	
093	SA	-20	<1	50	50	40	<20	<2	<3	80			As for 090	1370N	
094	SA	-20	<1	100	60	20	<20	<2	<3	170			As for 090 - qtz grains (tuff?) - pale greenish grey gritty clay	1380N	
095	SA	-20	<1	160	60	40	<20	<2	<3	160			As for 094 - no qtz grains	1390N	
096	SA	-20	1	30	60	20	<20	<2	<3	50			As for 094	1400N	NEV3
097	SA	-20	1	110	50	<20	<20	<2	<3	140			0.5m black shale & (?) glwacke bands.		

AI: AAS + XRF on Sn, W.

PAGE 10 OF 11

AREA ELIS/76, Dundas
STATE TAS LOCATION NEVADA CK.
LINE : NEV3

PROSPECT
NUMBER
1:100,000
SHEET

DATE
SAMPLED
SAMPLER

LABORATORY
REPORT NO.
ANALYTICAL
METHOD

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

A/E: NAS/Emission Spec

ANALYSES:

105104

A/E

SAMPLE NUMBER	SAMPLE TYPE	APPROXIMATE DEPTH (meters)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				SPR	NW LINE
602 NEV 098	SA	-20	1	70	60	<20	<20	<2	<3	70			0-0.5m pale grn. grey clay = wd glwacke sh.	1410N	NEV3
099	SA	-20	3	90	70	20	<20	<2	<3	130			0-0.5m AS for 094 : pale grn. grey sandy clay.	1420N	
602 NEV 100	SA	-20	<1	50	50	40	<20	<2	<3	80			AS for 094, 099	1430N	NEV3
101	SA	-20	<1	60	40	60	<20	<2	<3	100			AS for 094	1440N	
102	SA	-20	<1	150	40	80	<20	<2	<3	110			0-1.2m wd. pale greenish grey clay = wd 094? or sh?	1450N	
102	SA	-20	<1	180	40	60	<20	10	<3	150			deep yellow brn. clay ± remnant red = wd red sh/sst?	1460N	
104	SA	-20	<1	170	70	80	<20	<2	<3	90			0.7m deep yell. brn. clay - AS for 103?	1470N	
105	SA	-20	<1	110	30	40	<20	<2	<3	110			0.5m yellow brn. gritty clay (= tuff?, 094?)	1480N	
106	SA	-20	<1	250	50	60	<20	<2	<3	80			0-0.5m mottled yell brn. and red clay = shale?	1490N	
107	SA	-20	<1	50	80	120	<20	<2	<3	120			0-0.5m pale green grey clay = shale.	1500N	
108	SA	-20	<1	40	50	20	<20	<2	<3	60			0.5m banded dk. grn. grey sh ± fine dk grey bands = chloritic sh.	1510N	
109	SA	-20	<1	60	40	20	<20	<2	<3	100			yellow brn. clay = wd fine glwacke sst or s/sst?	1520N	
602 NEV 110	SA	-20	<1	40	20	<20	<20	<2	<3	50			0.7m pale yellow and white clay = sh?	1530N	NEV3
111	SA	-20	<1	150	70	40	<20	<2	<3	80			0-1m yellow clay = wd. sh?	1540N	
112	SA	-20	<1	50	40	40	<20	5	<3	60			0-0.7m pale yell. brn silty clay = sst or f.g. glwacke sst.	1550N	
113	SA	-20	<1	60	60	40	<20	<2	<3	60			AS for 112	1560N	
114	SA	-20	<1	60	40	<20	<20	<2	<3	70			0-0.7m dk. yell. brn. clay ± remnant red sh frags = shale.	1570N	
115	SA	-20	<1	120	40	40	<20	<2	<3	40			AS for 114	1580N	
116	SA	-20	<1	120	20	<20	<20	<2	<3	40			0-0.7m mottled white - yellow brn - red brn clay	1590N	
117	SA	-20	<1	130	50	220	<20	<2	<3	60			0.5m banded greenish grey glwacke ± dk grey shale bands	1600N	
118	SA	-20	1	30	10	400	<20	5	<3	30			0-0.7m dk blue grey - blue black clay = br. shale?	1610N	
119	SA	-20	<1	30	30	40	<20	<2	<3	20			0-0.3m blue black banded sh - greenish glwacke sst.	1620N	NEV3

-20: NAS - Cu, Zn, Pb, Bi, Ag, Ni, Co; Emission: Sn, W etc.

AREA ELIS/76, Dundas
STATE TAS LOCATION NEVADA CK
LINE NEV 3

PROSPECT
NUMBER
1:100,000
SHEET

DATE
SAMPLED
SAMPLER

LABORATORY
REPORT NO.
ANALYTICAL
METHOD

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL
105105

LINE - NEV 3																		CHEMICAL ANALYSES (ppm)																		SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
SAMPLE NUMBER		SAMPLE TYPE	APERTURE SIZE (MICRONS)	Co	Cr	Sb	Mo	W	As	Mn								EAN	LINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	2			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479

ADDITIONAL

Please state element

105106

PAGE 13 OF

~~105107~~

CHEMICAL ANALYSES (ppm)

PAGE 14 OF

APPENDIX VI

Razorback Grid : Soil Sample Analyses 1979

Part I : Check Analyses of Anomalous
Samples listed in Part II.

Part II : Initial Soil Sample Analyses

<u>Line</u>	<u>Sample Numbers</u>
3480 N	602 RG 001 - 227
2560 N	230 - 312
4220 N	331 - 468

AREA EL 15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
 RAZORBACK GRID

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL 105109

SAMPLE NUMBER		ANALYST	APERTURE (mm)	CHEMICAL ANALYSES (ppm)																LOCATION	
				Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	Co	Cr	Sb	Mo	W	As	Mn	E/W	N/S	
AX A/E	602RG001	S	-20	5	20	40	85	15	1	25	5	60		10							
			-80		20	50	80	<20	10	<3	30	<5	30	<30	<3	<50	<50	10			
AX	002	M	-20	30	15	400	190	10	2	<0.2	1700	210	10,000		10						
			-80																		
			-20									26900									
AX A/E	003	S	-20	<5	2	25	50	10	1	30	5	340		<10							
			-80		5	30	40	<20	10	<3	20	20	120	<30	<3	<50	<50	30			
AX A/E	004	S	-20	<5	15	450	145	15	1	1800	210	620		<10							
			-80		50	190	60	<20	<2	<3	2000	220	160	30	<3	<50	<50	300			
A/E col	125	S	-20																		
			-80	30	15	50	40	<20	<2	<3	60	10	3150	<30	<3	<50	<50	30			
			-20							<0.01				<20							
A AX	151	S	-20																		
			-80	<5	15	100	340	15	1		35	5	70			10					
AX	152	S	-20																		
			-80	<5	45	280	860	15	1		75	10	20			10					
AX	153	S	-20																		
			-80	<5	40	105	320	15	1		45	10	35			10					
A/E AX	154	S	-20	30	80	250	3040	<20	5	<3	90	30	20	<30	<3	<50	<50	300			
			-80	35	85	340	3600	20	7		85	10	25			20					
A/E AX	155	S	-20	1	65	260	300	<20	5	<3	65	<5	20	<30	<3	<50	<50	100			
			-80	<5	80	380	360	15	5		65	15	30			10					
			-20							<0.01											
AX	156	S	-20																		
			-80	<5	20	125	210	10	1		40	10	30			10					

A/E = AAS on Cu, Zn, Pb, Bi, Ag, Ni, Co, Cr, Bi; Emission on Sn, W, Mo, As, Au, Mn (Cr)
 AX = AAS on Cu, Zn, Pb, Bi, Ag, Ni, Co, Cr, Bi, Sn, W

ADDITIONAL

~~105110~~

Alk. = alk for Cu Zn Pb Bi Ag Ne Ca Cr Bi; Emission: W, Mo (Cr), Mn, Sn, Sb, As, Au.

CSR LIMITED SAMPLE DATA SHEET

AREA EL15176
 STATE TAS LOCATION Dundas
 PROSPECT NUMBER 1:100,000
 SHEET

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE ~

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105111

RAZORBACK GRID

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	Co	Cr	Sb	Mo	W	As	Mn		E/W	N/S
AX A/E	602 RG 265 SA	-20 -80	<5 <1	15 15	40 30	20 20	15 <20	1 <2	25 <3	40	5 30	30 30	<30 <30	<3 <3	10 <50	<50 <50	30 30			
AX A/E	266 SA	-20 -80	<5 <1	5 5	40 70	10 <20	15 <20	1 <2	15 <3	20	5 20	45 20	<30 <30	<3 <3	10 <50	<50 <50	100 100			
AX A/E	267 SA	-20 -80	<5 <1	30 30	60 40	20 <20	15 <20	1 5	30 <3	30	10 30	35 30	<30 <30	<3 <3	10 <50	<50 <50	100 100			
A/E	285 M	-20 -80 -20	100 100	200 200	500 700	800 1000	<20 <20	160 <3	30 30	15 10	<30 <30	<3 <3	<50 <50	<50 <50	300 300					
AX	332 SA	-20 -80	<5 <5	70 70	160 860	25 860	25 25	1 1	75 75	105 110					10 10					
AX	333 SA	-20 -80	<5 <5	70 70	155 440	25 440	25 25	2 2	95 95	125 95					10 10					
AX	334 SA	-20 -80	<5 <5	55 55	75 75	40 40	20 20	2 2	95 95	45 160					10 10					
AX	335 SA	-20 -80	<5 <5	65 65	70 70	35 35	20 20	2 2	120 120	40 60					10 10					
AX A/E	602 RG 383 SA	-20 -80	<5 <1	35 30	25 40	15 30	25 <20	1 10	45 <3	55	10 50	85 80	<30 <30	<3 <3	10 <50	<50 <50	30 30			
AX A/E	384 SA	-20 -80	<5 <1	15 30	20 390	15 <20	10 <20	1 10	25 <3	40	10 20	155 100	<30 <30	<3 <3	10 <50	<50 <50	50 50			
AX A/E	385 SA	-20 -80	<5 <1	45 55	340 80	100 100	15 <20	1 20	65 <3	40	10 50	135 75	<30 <30	<3 <3	10 <50	<50 <50	100 100			

n/x = 1115 A.M. XRT (Sn, W)

AREA EL 15/76PROSPECT
NUMBER
1:100,000
SHEETDATE
SAMPLEDLABORATORY
REPORT NO.
ANALYTICAL
METHODNOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105112

STATE LOCATION

RAZORBACK GRID

SAMPLE NUMBER		SAMPLE TYPE	APPROXIMATE DEPTH (FEET)	CHEMICAL ANALYSES (ppm)																LOCATION	
				Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	Co	Cr	Sb	Mo	W	As	Mn		E/W	N/S
602 RG 386		M	-20 -80																		
AX																					
A/E																					
387		SA	-20 -80	<5 <1	45 45	75 110		20 20	1 20		80 80	20 30	310 150			20 <50		50			
AX																					
A/E																					
388		SA	-20 -80	<5 <1	25 5	95 110	20 80	20 <20	1 5		90 90	45 50	370 190			10 <50		300			
AX																					
A/E																					
389		SA	-20 -80	5 <1	30 10	100 140	85 50	25 <20	1 10		100 90	45 60	350 30			10 <50		100			
AX																					
A/E																					
602 RG 403		SA	-20 -80				60														
AX																					
A/E																					
404		SA	-20 -80	<1	40	140	500	<20	5	<3	60	170	20	<30	<3	<50	<50	1000			
AX																					
A/E																					
405		SA	-20 -80	<1	40	130	220	<20	5	<3	70	70	40	<30	<3	<50	<50	1000			
AX																					
A/E																					
406		SA	-20 -80	<1	35	70	380	<20	5	<3	60	140	15	<30	<3	<50	<50	1000			
AX																					
A/E																					
602 RG 418		SA	-20 -80 -80	<1	55	60	50	20	5	<3	50	40	<5	<30	<3 <2	<50	<50	30			
AX																					
A/E																					
419		SA	-20 -80 -80	<1	55	60	60	20	5	<3	55	20	<5	<30	<3 <2	<50	<50	30			
AX																					
A/E																					

A/E = AAS for Cu, Zn, Pb, Bi, Ag, Ni, Co, Cr, Bi ; Emission for Sn, W, As, Au(Cr), Sb, Mo, Mn.

AREA EL 15/76
 STATE TAS LOCATION Dundas
 PROSPECT NUMBER 1:100,000
 SHEET

DATE SAMPLED
 SAMPLER

LABORATORY REPORT NO.
 ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105113

RAZOR BACK GRID

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																												LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	Co	Cr	Sb	Mo	W	As													E/W	N/S		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A/E	602 RG 430	SA	-20																													
			-80	<1	10	280	60	<20	5	<3	30	10	<5	<30	<3	<50	<50															
A/E	431	SA	-20																													
			-80	<1	5	15	<20	<20	5	<3	<5	5	<5	<30	<3	<50	<50															
A/E	432	SA	-20																													
			-80	<1	20	160	<20	<20	5	<3	90	50	10	<30	<3	<50	<50															
A/E	433	SA	-20																													
			-80	<1	10	15	<20	<20	5	<3	<5	5	10	<30	<3	<50	<50															
A/E	434	SA	-20																													
			-80	<1	5	20	<20	<20	5	<3	30	5	25	<30	<3	<50	<50															
A/E	602 RG 463	SA	-20																													
			-80	<1	10	40	<20	<20	5	<3	20	15	5	<30	<3	<50	<50															
Ax	464	SA	-20	<5	85	115	10	15	1		50	10	25		2	10																
A/E			-80	<1	85	140	20	<20	5	<3	40	20	5	<30	<3	<50	<50															
			-20								0.01																					
A/E	465	SA	-20																													
			-80	<1	30	110	20	<20	10	<3	80	20	20	<30	<3	<50	<50															

PACMINEX PTY. LTD. SAMPLE DATA SHEET

AREA EL 1576
STATE Tas LOCATION Dundas

PROSPECT NUMBER 602
1:100,000 SHEET 7914 PLEMAN

DATE SAMPLED 27.2.79
SAMPLER P. MACNAMARA

LABORATORY REPORT NO. -20: Emission Spec.
ANALYTICAL METHOD * XRF, AAS checks

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL * 105114

RAZORBACK GRID (RG)

RG = RAZORBACK GRID

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (microns)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/S LINE
602RG001S		-20	<1	10	30	100	<1	<1	<3	3			Yellow brown clayey soil - residual? No outcrop.	8960E	3480N
* 602RG002M		-20	100	3	300	300	<1	<1	<3	1000			2m wide gully draining to 024°M. (*XRF/-20 = 40ppm Sn); AAS-20 = 1550ppm Ni)	8955E	3480N
602RG003S		-20	30	30	30	300	<1	<1	<3	30			Pale grey cherty shale (0.3m) - residual	8950E	3480N
* 602RG004S		-20	<1	1	300	100	<1	<1	<3	1000			0.3m to breccia or (?) serpentinite (*1750 Ni/-20/AAS)	8940E	3480N
602RG005S		-20	1	1	30	30	<1	<1	<3	1000			0.3m dk green f.g. (?) basic igneous rock? fragments. No outcrop. residual	8930E	3480N
602RG006S		-20	3	10	100	300	<1	<1	<3	300			0.3m brown residual clay, shale frags.	8920E	3480N
602RG007S		-20	<1	3	30	30	<1	<1	<3	30			0.3m depth - pale brown clay soil. 10m long costean 7m to the Nth.	8910E	3480N
602RG008S		-20	<1	3	30	30	<1	<1	<3	10			0.3m pale brn. clay (= sh?)	8900E	3480N
602RG009S		-20	<1	3	<20	30	<1	<1	<3	10			0.3m pale brn. clay soil, limonite streaks.	8890E	3480N
602RG010S		-20	<1	3	<20	10	<1	<1	<3	3			As for 602RG008S, shale frags.	8880E	3480N
602RG011S		-20	<1	10	<20	30	<1	<1	<3	3			As for 6	8870E	3480N
602RG012S		-20	1	10	<20	100	<1	<1	<3	3			As for 602RG010	8860E	3480N
602RG013S		-20	<1	3	<20	30	<1	<1	<3	10			As for 602RG010	8850E	3480N
602RG014S		-20	<1	1	<20	30	<1	<1	<3	10			As for 602RG010	8840E	3480N
602RG015S		-20	<1	10	30	300	<1	<1	<3	10			Grey slst or greywacke slst - pale brown clay soil.	8830E	3480N
602RG016S		-20	<1	3	100	30	<1	<1	<3	<3			0.3m brn. soil - near old pit 1.5m deep; breccia fragments.	8820E	3480N
602RG017S		-20	<1	3	100	10	<1	<1	<3	<3			0.3m : grey? breccia/conglom. fragments.	8810E	3480N
602RG018S		-20	<1	3	100	10	<1	<1	<3	<3			yell. brn. clayey soil	8800E	3480N
602RG019S		-20	<1	10	100	30	<1	<1	<3	3			pale brn. clayey soil.	8790E	3480N
602RG020		-20	<1	3	300	30	<1	<1	<3	<3			As for 019S.	8780E	3480N
602RG021		-20	<1	1	30	1	<1	<1	<3	<3			As for 019S	8770E	3480N
602RG022		-20	1	10	100	100	<1	1	<3	<3			As for 019S ± dk. grn f.g. rock frags. (AAS/-20/200ppm Pb)	8760E	3480N

MACMINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76 PROSPECT NUMBER 602
 STATE _____ LOCATION _____ SHEET _____

DATE SAMPLED 27.2.79
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105115

RAZORBACK GRID (RG)

SAMPLE NUMBER	APERTURE (mm)	ANALYSIS (ppm)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb	Mo	W	As											E/W	N/S
602RG001	S	-20	<5	100	<30	<3	<50	<50												
002	M	-20	5	1000	<30	<3	<50	<50												
003	S	-20	<5	1000	<30	<3	<50	<50												
004	S	-10	10	1000	<30	<3	<50	<50												
005	S	-20	5	1000	<30	<3	<50	<50												
006	S	-20	5	1000	<30	<3	<50	<50												
007	S	-20	<5	100	<30	<3	<50	<50												
008	S	-20	<5	100	<30	<3	<50	<50												
009	S	-20	<5	<20	<30	<3	<50	<50												
602RG010	S	-20	<5	<20	<30	<3	<50	<50												
011	S	-20	5	<20	<30	<3	<50	<50												
012	S	-20	<5	<20	<30	<3	<50	<50												
013	S	-20	<5	100	<30	<3	<50	<50												
014	S	-20	<5	<20	<30	<3	<50	<50												
015	S	-20	<5	<20	<30	<3	<50	<50												
016	S	-20	<5	<20	<30	<3	<50	<50												
017	S	-10	<5	<20	<30	<3	<50	<50												
018	S	-20	<5	<20	<30	<3	<50	<50												
019	S	-20	<5	<20	<30	<3	<50	<50												
602RG020	S	-20	<5	<20	<30	<3	<50	<50												
021	S	-20	<5	<20	<30	<3	<50	<50												
022	S	-20	<5	<20	<30	<3	<50	<50												

BACMINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76
STATE TAS LOCATION Dundas
Razorback Grid

PROSPECT NUMBER 602
1:100,000 SHEET 7914 Peman

DATE SAMPLED 27.2.79
SAMPLER P.M.M.

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL 105116

SAMPLE NUMBER	STATE TYPIC APERTURE INSTRUMENT MICROMETER	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
		Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	E/W	N/E LINE			
602RG023	S	-20	<1	3	30	10	<1	<1	<3	<3	brn. clayey Soil + rk. fragments.	87.50E	3480	
024	S	-20	<1	30	30	10	1	<1	<3	3	darker brn than 023 - organic?	87.40E	3480	
025	S	-20	<1	10	<20	10	1	<1	<3	<3	pale grey brn clay soil	87.30E	3480	
026	S	-20	<1	10	<20	10	<1	<1	<3	3	brn grey clay	87.20E	3480	
027	S	-20	<1	3	30	3	<1	<1	<3	3	greyish organic soil	87.10E	3480	
028	S	-20	<1	3	30	10	<1	<1	<3	3	dk. org. soil on & blk. f.g. granular hornfels or slst	87.00E	3480	
029	S	-20	<1	3	30	10	<1	<1	<3	<3	brn grey Soil + rk frags.	86.90E	3480	
602RG030	S	-20	<1	3	30	3	<1	<1	<3	3	brn clay soil	86.80E	3480	
031	S	-20	<1	1	30	<1	<1	<1	<3	3	As for 030 S.	86.70E	3480	
032	S	-20	<1	3	<20	10	<1	<1	<3	3	grey silty soil	86.60E	3480	
033	S	-20	<1	1	<20	1	<1	<1	<3	<3	As for 032 S.	86.50E	3480	
034	S	-20	<1	3	<20	10	<1	<1	<3	<3	dk organic soil	86.40E	3480	
035	S	-20	<1	3	<20	1	<1	<1	<3	<3	5mm clast breccia frags. + brn soil	86.30E	3480	
036	S	-20	<1	3	<20	10	<1	<1	<3	<3	As for 035.	86.20E	3480	
037	S	-20	<1	1	<20	<1	<1	<1	<3	<3	grey brn soil	86.10E	3480	
038	S	-20	<1	3	<20	3	<1	<1	<3	<3	brn. soil + cherty (breccia?) fragments.	86.00E	3480	
039	S	-20	<1	10	<20	10	<1	<1	<3	<3	brn soil + slst frags.	85.90E	3480	
602RG 040	S	-20	<1	3	<20	3	<1	<1	<3	<3		85.80E	3480	
041	S	-20	<1	3	<20	3	<1	<1	<3	<3	brn clay soil	85.70E	3480	
042	S	-20	<1	3	<20	1	<1	<1	<3	<3	grey brn clay	85.60E	3480	
043	S	-20	<1	10	<20	10	<1	<1	<3	<3	brn. clay + f.g. grey chert	85.50E	3480	
044	S	-20	<1	3	<20	3	<1	<1	<3	<3		85.40E	3480	

PACMINEX LTD. SAMPLE DATA SHEET

AREA _____
STATE _____ LOCATION _____

PROSPECT
NUMBER _____
1:100,000
SHEET _____

DATE
SAMPLED _____
SAMPLER _____

LABORATORY
REPORT NO. _____
ANALYTICAL
METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL

105117

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																								SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As																				E/W	N/S
602RG023	SA	-20	<5	<20	<30	<3	<50	<50																					
024	SA	-20	<5	<20	<30	<3	<50	<50																					
025	SA	-20	<5	<20	<30	<3	<50	<50																					
026	SA	-20	<5	<20	<30	<3	<50	<50																					
027	SA	-20	<5	<20	<30	<3	<50	<50																					
028	SA	-20	<5	<20	<30	<3	<50	<50																					
029	SA	-20	<5	<20	<30	<3	<50	<50																					
602RG030	SA	-20	<5	<20	<30	<3	<50	<50																					
031	SA	-20	<5	<20	<30	<3	<50	<50																					
032	SA	-20	<5	<20	<30	<3	<50	<50																					
033	SA	-20	<5	<20	<30	<3	<50	<50																					
034	SA	-20	<5	<20	<30	<3	<50	<50																					
035	SA	-20	<5	<20	<30	<3	<50	<50																					
036	SA	-20	<5	<20	<30	<3	<50	<50																					
037	SA	-20	<5	<20	<30	<3	<50	<50																					
038	SA	-20	<5	<20	<30	<3	<50	<50																					
039	SA	-20	<5	<20	<30	<3	<50	<50																					
602RG040	SA	-20	<5	<20	<30	<3	<50	<50																					
041	SA	-20	<5	<20	<30	<3	<50	<50																					
042	SA	-20	<5	<20	<30	<3	<50	<50																					
043	SA	-20	<5	<20	<30	<3	<50	<50																					
044	SA	-20	<5	<20	<30	<3	<50	<50																					

MACMINEX INC. LTD. SAMPLE DATA SHEET

AREA EL 15/16
 STATE TAS LOCATION Dundas
 PROSPECT NUMBER 602
 1:100,000 SHEET 7914 Pieman

DATE SAMPLED Feb 79
 SAMPLER P.M.M.

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105118

SAMPLE NUMBER	SAMPLE TYPE	ANALYST	APERTURE (mm)	DEPTH (m)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
					Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	EN	LINE									
602RG 045	S		-20	<1	10	<20	3	<1	<1	<3	30						Top of Razorback Ridge: qtz-chert breccia/cgl.	8530E	3480N				
046	S		-20	<1	10	<20	3	<1	<1	<3	<3						As for 045 - grey brn org. soil	8520E					
047	S		-20	<1	10	<20	<1	<1	<1	<3	<3						As for 046	8510E					
048	S		-20	<1	3	<20	1	<1	<1	<3	<3							8500E					
049	S		-20	<1	3	<20	3	<1	<1	<3	<3						grey brn clay + shale frags.	8490E					
602RG 050	S		-20	<1	10	<20	3	<1	<1	<3	<3						grey brn clay.	8480E	3480N				
051	S		-20	<1	3	<20	<1	<1	<1	<3	<3						brn clay	8470E					
052	S		-20	<1	10	<20	10	<1	<1	<3	<3						grey brn. clay	8460E					
053	S		-20	<1	1	<20	3	<1	<1	<3	<3						o/crop f.g. 1-2mm grey felsitic (?) Tuff + dk. gr. br. org. Soil.	8450E					
054	S		-20	<1	3	<20	3	<1	<1	<3	<3						grey brn. clay.	8440E					
055	S		-20	<1	10	<20	3	<1	<1	<3	10						As for 054	8430E					
056	S		-20	<1	3	<20	1	<1	<1	<3	10						dk. br org. soil	8420E					
057	S		-20	<1	1	<20	<1	<1	<1	<3	<3						As for 056	8410E					
058	S		-20	<1	10	<20	10	<1	<1	<3	10						As for 056	8400E					
059	S		-20	<1	10	<20	3	<1	<1	<3	<3						grey brn clay	8390E					
602RG 060	S		-20	<1	3	<20	<1	<1	<1	<3	<3						As for 059	8380E	3480N				
061	S		-20	<1	3	<20	1	<1	1	<3	<3						As for 059	8370E					
062	S		-20	<1	1	<20	1	<1	<1	<3	<3						As for 059	8360E					
063	S		-20	<1	1	<20	<1	<1	<1	<3	<3						dk. brn org. soil.	8350E					
064	S		-20	<1	3	<20	3	<1	1	<3	<3						khaki clay	8340E					
065	S		-20	<1	3	<20	10	<1	<1	<3	<3						light brn clay	8330E					
602RG 066	S		-20	<1	3	<20	<1	<1	10	<3	<3						As for 065	8320E	3480N				

PACMINEX INC. LTD. SAMPLE DATA SHEET

AREA EL 15/76
 STATE TAS LOCATION _____
 PROSPECT NUMBER 1:100,000
 SHEET _____

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL 105119

Hazards Grid

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (meters/ feet)	CHEMICAL ANALYSES (ppm)																										SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As																				E/W		N/S	
602 RG 045	S	-20	<5	<20	<30	<3	<50	<50																							
046	S	-20	<5	<20	<30	<3	<50	<50																							
047	S	-20	<5	<20	<30	<3	<50	<50																							
048	S	-20	<5	<20	<30	<3	<50	<50																							
049	S	-20	<5	<20	<30	<3	<50	<50																							
602 RG 050	S	-20	<5	<20	<30	<3	<50	<50																							
051	S	-20	<5	<20	<30	<3	<50	<50																							
052	S	-20	<5	<20	<30	<3	<50	<50																							
053	S	-20	<5	<20	<30	<3	<50	<50																							
054	S	-20	<5	<20	<30	<3	<50	<50																							
055	S	-20	<5	<20	<30	<3	<50	<50																							
056	S	-20	<5	<20	<30	<3	<50	<50																							
057	S	-20	<5	<20	<30	<3	<50	<50																							
058	S	-20	<5	<20	<30	<3	<50	<50																							
059	S	-20	<5	<20	<30	<3	<50	<50																							
602 RG 060	S	-20	<5	<20	<30	<3	<50	<50																							
061	S	-20	<5	<20	<30	<3	<50	<50																							
062	S	-20	<5	<20	<30	<3	<50	<50																							
063	S	-20	<5	<20	<30	<3	<50	<50																							
064	S	-20	<5	<20	<30	<3	<50	<50																							
065	S	-20	<5	<20	<30	<3	<50	<50																							
066	S	-20	<5	<20	<30	<3	<50	<50																							

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914 Pieman
 Razorback Grid

DATE SAMPLED 28 Feb 79
 SAMPLER P.M.M.

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105120

SAMPLE NUMBER	SAMPLE TYPE	ANALYSE	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				ENF	LINE
602RG 067	S	-20	<1	3	<20	3	<1	<1	<3	<3			pale brn clay.	8310E	3480N
068	S	-20	<1	1	<20	<1	<1	<1	<3	<3			dk. brn. org. soil	8300E	
069	M	-20	3	<2	20	<20	<20	<2	<3	10			2m drainage flows S.W	8292E	
		-80	5	2	30	20	<5	<1		10					
602RG 070	S	-20	<1	10	<20	10	<1	<1	<3	<3			brn org. clay	8290E	3480N
071	S	-20	<1	3	<20	<1	<1	10	<3	<3			pale grey organic soil ± 1-2mm white frags	8280E	
072	S	-20	<1	3	<20	<1	<1	<1	<3	<3			As for 071 - white (?) chert or qtz frags?	8270E	
073	S	-20	<1	10	<20	<1	<1	<1	<3	<3			As for 072	8260E	
074	S	-20	<1	10	<20	<1	<1	<1	<3	<3			As for 072	8250E	
075	S	-20	<1	30	<20	1	<1	<1	<3	<3			As for 072	8240E	
076	S	-20	<1	3	<20	<1	<1	<1	<3	<3			As for 072	8230E	
077	S	-20	<1	3	<20	<1	<1	<1	<3	<3			As for 072	8220E	
078	S	-20	<1	10	<20	10	<1	<1	<3	<3			As for 072	8210E	
079	S	-20	1	30	<20	10	<1	<1	<3	<3			As for 072	8200E	
602RG 080	S	-20	<1	3	<20	<1	<1	<1	<3	<3			As for 072	8190E	3480N
081	S	-20	<1	10	<20	<1	<1	<1	<3	<3			As for 072	8180E	
082	S	-20	<1	3	<20	<1	<1	<1	<3	10			dk. green chloritic rock ± qtz veins in a/crop = ?uff	8170E	
083	S	-20	<1	10	<20	<1	<1	<1	<3	10			grey soil as above - white "grit".	8160E	
084	S	-20	<1	3	<20	1	<1	<1	<3	3			As for 072	8150E	
085	S	-20	<1	1	<20	<1	<1	<1	<3	<3			As for 072	8140E	
086	S	-20	<1	10	<20	1	<1	<1	<3	3			As for 072	8130E	
087	S	-20	<1	10	<20	1	<1	<1	<3	3			As for 072	8120E	
602RG 088	S	-20	<1	10	<20	3	<1	<1	<3	3			As for 072.	8110E	3480N

PACMINEX PTY LTD SAMPLE DATA SHEET

AREA EL 15/76 PROSPECT NUMBER 602
 STATE NTS LOCATION Dundas SHEET 1:100,000

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20. Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core, RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element
 ADDITIONAL 105121

Razor back Grid

N/E

SAMPLE NUMBER	SAMPLE TYPE	ANALYSE (ARISEV, MICROSC)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION		LOCATION	
			Co	Cr	Sb	Mo	W	As	Mn						E/W	N/S
602 RG 067	S	-20	<5	<20	<30	<3	<50	<50								
068	S	-20	<5	<20	<30	<3	<50	<50								
069	M	-20	<5	<20	<30	<3	<50	<50	10							
602 RG 070	S	-20	<5	<20	<30	<3	<50	<50								
071	S	-20	<5	100	<30	<3	<50	<50								
072	S	-20	<5	<20	<30	<3	<50	<50								
073	S	-20	<5	<20	<30	<3	<50	<50								
074	S	-20	<5	<20	<30	<3	<50	<50								
075	S	-20	<5	<20	<30	<3	<50	<50								
076	S	-20	<5	<20	<30	<3	<50	<50								
077	S	-20	<5	<20	<30	<3	<50	<50								
078	S	-20	<5	<20	<30	<3	<50	<50								
079	S	-20	<5	<20	<30	<3	<50	<50								
602 RG 080	S	-20	<5	<20	<30	<3	<50	<50								
081	S	-20	<5	<20	<30	<3	<50	<50								
082	S	-20	<5	<20	<30	<3	<50	<50								
083	S	-20	<5	<20	<30	<3	<50	<50								
084	S	-20	<5	<20	<30	<3	<50	<50								
085	S	-20	<5	100	<30	<3	<50	<50								
086	S	-20	<5	<20	<30	<3	<50	<50								
087	S	-20	<5	100	<30	<3	<50	<50								
088	S	-20	<5	<20	<30	<3	<50	50								

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA EL 15/76
STATE TAS LOCATION Dundas
Razorback Grid

PROSPECT NUMBER 602
1:100,000 SHEET 7914 Pieman

DATE SAMPLED 28.2.79
SAMPLER P.M.M.

LABORATORY REPORT NO. -20: Emission Spec.
ANALYTICAL METHOD

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105122

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/E LINE
602 RG 089	S	-20	<1	10	<20	1	<1	<1	<3	3			white → grey organic soil with white? chert/ qtz? fragments (1-4mm)	8100E	3480N
602 RG 090	S	-20	<1	10	<20	<1	<1	<1	<3	<3			As for 090	8090E	3480N
091	S	-20	<1	1	<20	1	<1	<1	<3	<3			As for 090 : o/crop qtz gritstone dip 80°E upslope	8080E	
092	S	-20	1	10	<20	30	<1	<1	<3	3			white qtz grit.	8070E	
093	S	-20	3	10	<20	10	<1	<1	<3	<3			qtz grit + grey brn org. clay	8060E	
094	S	-20	1	10	<20	100	<1	<1	<3	<3			dk. brn. org. clay	8050E	
095	S	-20	<1	1	<20	3	<1	<1	<3	3			brn → khaki clay	8040E	
096	S	-20	<1	3	<20	10	<1	<1	<3	3			org br soil, qtz(?) frags.	8030E	
097	S	-20	1	30	<20	100	<1	<1	<3	3			As for 096	8020E	
098	S	-20	<1	10	<20	30	<1	<1	<3	<3			grey soil, breccia fragments.	8010E	
099	S	-20	<1	30	<20	100	<1	<1	<3	<3			dk. brn. org. soil.	8000E	3480N
602 RG 100	P		(1.9)	40	940	270	35	<1	<0.1	140			See 602 650P : o/c qtz - chert breccia ; heavy minerals inch. very sparse and f.g.	7990E	348 N
101	S	-20	<1	10	<20	30	<1	<1	<3	<3			Scree soil - base of slope of 1-30cm qtz-cherty sh or tuff sh last breccia.	7990E	3480N
102	S	-20	<1	30	<20	10	<1	<1	<3	<3			Scree: yell. brn clay + breccia frags with limonitic (deep red colour) matrix.	7980E	
103	S	-20	<1	30	<20	3	<1	<1	<3	<3			yellow brn. soil + scree	7970E	
104	S	-20	<1	30	<20	10	<1	<1	<3	<3			dk. yellow-brn clay + breccia frags (cherts of cherty (?) sh in sandy tuff? matrix, & deep red? limonite.)	7960E	
105	S	-20	<1	30	<20	10	<1	<1	<3	<3			yellow brn scree soil.	7950E	
106	S	-20	<1	30	30	100	<1	<1	<3	<3			As for 105	7940E	
107	S	-20	<1	30	30	100	<1	<1	<3	<3			pale yellow brn clay - residual?	7930E	
108	S	-20	<1	30	30	100	<1	<1	<3	<3			As for 107 - scree?	7920E	
109	S	-20	<1	10	<20	100	<1	<1	<3	3			brn. soil	7910E	
602 RG 110	S	-20	<1	30	30	100	<1	<1	<3	3			brn clay soil	7900E	3480N

MINING LTD. SAMPLE DATA SHEET

AREA ELIS/76
STATE TAS LOCATION Dundas

PROSPECT
NUMBER
1:100,000
SHEET

DATE
SAMPLED
SAMPLER

LABORATORY
REPORT NO.
ANALYTICAL
METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE -
M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL
105123

SAMPLE NUMBER			SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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PACMINEX PTY LTD SAMPLE DATA SHEET

AREA EL15/76
STATE TAS LOCATION Dundas
Razorback Grid

PROSPECT
NUMBER
1:100,000
SHEET 7914 Piegan

DATE
SAMPLED 5.3.79
SAMPLER P.M.M.

LABORATORY
REPORT NO.
ANALYTICAL
METHOD -20 mesh Emission Spec. ANALYSES:

NOTATIONS: SAMPLE TYPE -
M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105124

SAMPLE NUMBER	S TYPE	DEPTH M	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni										E/W	N/E LINE
602RG111	S	-20	<1	10	<20	30	<1	<1	<3	<3									0-0.2m fragments of qtz-grn-grey chert pebble clast breccia ± (?) tuff-matrix	7890E	3480N
112	S	-20	<1	30	30	100	<1	<1	<3	<3									0.2-0.3m : brn soil. 0.3m : brn-clay	7880E	
113	S	-20	3	10	30	100	<1	<1	<3	<3									wd. ? felp-chlorite - FeMg sandy tuff → khaki-brn clay	7870E	
114	S	-20	<1	3	<20	10	<1	<1	<3	<3									0.3m yellowbrn clay, Mn-rock frags.	7860E	
115	S	-20	1	100	30	100	<1	<1	<3	<3									0.3m yellow brn. clay, pale chert frags. (= scree?)	7850E	
116	S	-20	<1	10	<20	<1	<1	<1	<3	<3									yell. brn. clay	7840E	
117	S	-20	<1	10	<20	<1	<1	<1	<3	<3									0.3m : As for 116	7830E	
118	S	-20	<1	30	<20	1	<1	<1	<3	<3									0.3m yell. brn. clay ± fine white cherty frags.	7820E	
119	S	-20	<1	10	<20	<1	<1	<1	<3	<3									As for 118	7810E	
602RG120	S	-20	<1	30	<20	3	<1	<1	<3	<3									As for 118	7800E	3480N
121	S	-20	<1	10	<20	<1	<1	<1	<3	<3									0.6m : cemented Scree? : white quartz breccia/conglom. ± 30% pale grey clayey cement.	7790E	
122	S	-20	<1	30	<20	<1	<1	<1	<3	<3									0.3m As for 121 = 2-6mm clast white chert, qtz breccia/conglom. ± grey silty matrix = 0.3-0.5m depth : yellow brn. clay, rk frags.	7780E	
123	S	-20	<1	1	<20	<1	<1	<1	<3	<3									As for 122 - bottomed in yell. brn. clay	7770E	
124	S	-20	1	3	<20	<1	<1	<1	<3	<3									As for 122	7760E	
125	S	-20	3	3	300	<1	<1	<1	<3	10									yellow brn. clay	7750E	
126	S	-20	<1	1	<20	<1	<1	<1	<3	<3									As for 125	7740E	
127	S	-20	1	1	<20	<1	<1	<1	<3	<3									As for 125	7730E	
128	S	-20	<1	10	<20	<1	<1	<1	<3	<3									As for 122	7720E	
129	S	-20	<1	3	<20	<1	<1	<1	<3	<3									0-0.2m As for 122 ; 0.2-0.4 As for 122	7710E	
602RG130	S	-20	<1	1	<20	3	<1	<1	<3	<3									0.4-0.4m : As for 122 ; 0.4-0.5m : As for 122.	7700E	3480N
131	S	-20	<1	1	<20	<1	<1	<1	<3	<3									0.4-0.4m : ditto 130 ; 0.4-0.6m ditto 130.	7690E	
602RG132	S	-20	<1	1	<20	3	<1	<1	<3	<3									0.7m grey silty clay ± white qtz fragments - slope wash soil (As for 121)	7680E	

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
Razorback Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE — M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL _____
105125

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (m)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb	Mo	W	As											E/W	N/S
602RG111	S	-20	<5	<20	<30	<3	<50	<50												
112	S	-20	<5	100	<30	<3	<50	<50												
113	S	-20	<5	30	<30	<3	<50	<50												
114	S	-20	<5	20	<30	<3	<50	<50												
115	S	-20	<5	30	<30	<3	<50	<50												
116	S	-20	<5	20	<30	<3	<50	<50												
117	S	-20	<5	30	<30	<3	<50	<50												
118	S	-20	<5	30	<30	<3	<50	<50												
119	S	-20	<5	30	<30	<3	<50	<50												
602RG120	S	-20	<5	30	<30	<3	<50	<50												
121	S	-20	<5	100	<30	<3	<50	<50												
122	S	-20	<5	20	<30	<3	<50	<50												
123	S	-20	<5	<20	<30	<3	<50	<50												
124	S	-20	<5	300	<30	<3	<50	<50												
125	S	-20	<5	1000	300	<3	<50	<50												
126	S	-20	<5	300	<30	<3	<50	<50												
127	S	-20	<5	100	<30	<3	<50	<50												
128	S	-20	<5	<20	<30	<3	<50	<50												
129	S	-20	<5	<20	<30	<3	<50	<50												
602RG130	S	-20	<5	100	<30	<3	<50	<50												
131	S	-20	<5	30	<30	<3	<50	<50												
132	S	-20	<5	100	<30	<3	<50	<50												

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76
STATE TAS LOCATION Dundas
Razorbach Grid

PROSPECT NUMBER 602
SHEET 7914 Pie man

DATE SAMPLED 5.3.79
SAMPLER P.M.M.

LABORATORY REPORT NO. 20: Emission Spec.
ANALYTICAL METHOD check analysis

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL
105126

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICROSI)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/LINE
602RG 133	S	-20	<1	1	<20	<1	<1	<1	<3	<3			0→0.6m grey clay + qtz, chert frags. (scree?); 0.6→0.7m yell. br clay = residual.	7670E	3480N
134	S	-20	<1	3	<20	3	<1	<1	<3	<3			As for 133 (0.6→0.7m mixed yell br + grey clay)	7660E	
135	S	-20	<1	3	<20	3	<1	<1	<3	<3			As for 133	7650E	3480N
136													No Sample		
137	S	-20	<1	1	<20	<1	<1	<1	<3	<3			0→0.4m: qtz "grvl"; 0.4→0.6m: pale brn shale	7640E	3480N
138	S	-20	<1	1	<20	300	<1	<1	<3	<3			0→0.4m: brn sericitic(?) clay ± angular qtz - scree? (-20/AAS/300ppm Pb)	7630E	
139	S	-20	<1	1	<20	10	<1	<1	<3	<3			0→0.4m: clay + qtz "grvls"; >0.4m pale brn sh/slst.	7620E	
602RG 140	S	-20	3	1	<20	10	<1	<1	<3	<3			0→0.3m: As for 139	7610E	3480N
141	S	-20	3	1	<20	10	<1	<1	<3	<3			0→0.4m: As for 139	7600E	
142	S	-20	<1	10	30	3	<1	<1	<3	<3			0→0.3m: As for 139	7590E	
143	S	-20	<1	10	30	3	<1	<1	<3	<3			0→0.4m: As for 139 (brn clay)	7580E	
144	S	-20	<1	1	30	<1	<1	<1	<3	3			0→0.4m: As for 139; 0.4→0.7m wd. brn grn clay	7570E	
145	S	-20	<1	3	100	<1	<1	<1	<3	10			0→0.2m: As for 139; 0.2→0.7m med grey grn clay	7560E	
146	S	-20	<1	1	<20	<1	<1	<1	<3	<3			>0.4m: yell. brn. clay	7550E	
147	S	-20	<1	10	30	3000	<1	<1	<3	<3			As for 146 (* AAS/-20/1000ppm Pb)	7540E	
148	S	-20	<1	1	<20	3	<1	<1	<3	<3			>0.3m: wd pale brn. clay = sh? ± qtz vein	7530E	
149	S	-20	<1	10	100	10	<1	<1	<3	<3			0→0.4m: scree-clay; >0.4m wd yell. brn. clay	7520E	
602RG 150	S	-20	<1	3	300	3	<1	<1	<3	<3			0→0.7m: wd brn. clay	7510E	3480N
151	S	-20	<1	3	30	1000	<1	<1	<3	<3			>0.2m: greenish clay + rk. chips. (AAS/-20/300ppm Pb)	7500E	
152	S	-20	<1	3	300	3000	<1	<1	<3	30			0→0.7m: grn. brn. clay (AAS/-20/700ppm Pb)	7490E	
153	S	-20	<1	10	30	1000	<1	<1	<3	<3			>0.4m: med. grey grn. clay = sh. (AAS/-20/400ppm Pb)	7480E	
154	S	-20	10	100	1000	10000	1	10	<3	30			0→0.4m: pale brn clay + qtz grvls; 0.4m→0.7m dk brn grn silty clay. (* AAS/-20/2900ppm Pb)	7470E	

PACMINEX LTD. SAMPLE DATA SHEET

AREA _____ PROSPECT NUMBER _____
STATE _____ LOCATION _____ 1:100,000 SHEET _____

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____
-20: Emission Spec.
* check Analyses.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL
105127

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm/ mm/ microns)	CHEMICAL ANALYSES (ppm)																								SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As																				E/W	N/S
602RG 133	S	-20	<5	30	<30	<3	<50	<50																					
134	S	-20	<5	100	<30	<3	<50	<50																					
135	S	-20	<5	100	<30	<3	<50	<50																					
136	S	-20				<3	<50	<50																					
137	S	-20	<5	30	<30	<3	<50	<50																					
138	S	-20	<5	30	<30	<3	<50	<50																					
139	S	-20	<5	100	<30	<3	<50	<50																					
602RG 140	S	-20	<5	300	<30	<3	<50	<50																					
141	S	-20	<5	100	<30	<3	<50	<50																					
142	S	-20	<5	30	<30	<3	<50	<50																					
143	S	-20	<5	100	<30	<3	<50	<50																					
144	S	-20	<5	300	<30	<3	<50	<50																					
145	S	-20	<5	100	<30	<3	<50	<50																					
146	S	-20	<5	30	<30	<3	<50	<50																					
147	S	-20	<5	30	<30	<3	<50	<50																					
148	S	-20	<5	30	<30	<3	<50	<50																					
149	S	-20	<5	30	<30	<3	<50	<50																					
602RG 150	S	-20	<5	<20	<30	<3	<50	<50																					
151	S	-20	<5	<20	<30	<3	<50	<50																					
152	S	-20	<5	100	<30	<3	<50	<50																					
153	S	-20	<5	<20	<30	<3	<50	<50																					
154	S	-20	<5	30	<30	<3	<50	<50																					

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 79/4
Razorback Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20 Emission Spec.
* Check Analyses.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105128

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm/INCHES)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/S LINE
* 602RG155	S	-20	<1	100	300	1000	<1	<1	<3	3			0-0.6m green clay (as for 162) (*AAS/-20/400ppm Pb)	7460E	3480N
* 156	S	-20	<1	30	100	1000	<1	1	<3	<3			0.3m: greenish siltst. rk frags + clay (*AAS/-20/200ppm Pb)	7450E	
* 157	S	-20	<1	3	3000	300	<1	3	<3	3			0.3m: brn. grn. clay (*AAS/-20/1400ppm Zn)	7440E	
158	S	-20	<1	1	30	3	<1	<1	<3	3			0.4m: pale brn. grn. clay = Sh?	7430E	
159	S	-20	<1	3	30	100	<1	<1	<3	<3			0.4m: As for 158 (old trench + mullock? 347SN/741SE)	7420E	
602RG 160	S	-20	<1	10	300	30	<1	<1	<3	<3			As for 158	7410E	3480N
* 161	S	-20	<1	10	300	1000	<1	1	<3	<3			0.4m: pale grey grn. silty clay = Sh? (*AAS/-20/200ppm Pb)	7400E	
* 162	S	-20	<1	3	300	3000	<1	1	<3	3			0.5m: grn. clay + silty soil = Sh/sst? (*AAS/-20/500ppm Pb)	7390E	
* 163	S	-20	<1	3	300	3000	<1	<1	<3	<3			0.7m: pale brn. residual soil (Tc-tree flat 737S → 7400E) (*AAS/-20/1300ppm Pb)	7380E	
164	S	-20	<1	3	<20	1	<1	<1	<3	10			pale brn. silty clay = Sh? ± qtz veins.	7370E	
165	S	-20	<1	1	30	10	<1	<1	<3	30			As for 166S.	7360E	
166	S	-20	1	3	100	30	<1	<1	<3	3			0-0.2 qtz, gravels; 0.2-0.6m brn. grn. clay.	7350E	
167	S	-20	<1	10	<20	<1	<1	<1	<3	10			dk. grn. brn. clay	7340E	
168	S	-20	<1	3	30	10	1	<1	<3	10			0-0.3m qtz grvls; 0.3-0.7m brn. grn. clay ± dark green, pink clay inclusions.	7330E	
169	S	-20	<1	30	100	10	1	<1	<3	10			0-0.3m: qtz, grvls; 0.3m-0.7m grey grn + grn brn. clay	7320E	
602RG 170	S	-20	<1	1	<20	3	<1	<1	<3	30			0-0.3m qtz, grvls; 0.3 → 0.6m: chocolate + brn. clay	7310E	3480N
171	S	-20	<1	3	30	3	<1	<1	<3	30			0-0.3m: qtz, grvls; 0.3-0.9m grn. grey clay = sh?	7300E	
172	S	-20	<1	1	30	1	<1	<1	<3	30			0-0.3m: qtz, rk frags; 0.3m- As for 173	7290E	
173	S	-20	<1	30	30	3	1	<1	<3	<3			0-0.5m: grey qtz cemented rubble (top of ridge) 0.5-0.9m green + chocolate clay (As for 179)	7280E	
174	S	-20	<1	10	30	1	<1	<1	<3	<3			As for 173	7270E	
175	S	-20	<1	3	30	10	<1	<1	<3	10			As for 173	7260E	
176	S	-20	<1	1	30	3	<1	<1	<3	3			As for 173	7250E	3480

AREA EL 15/76 PROSPECT NUMBER 602
 STATE _____ LOCATION _____
 1:100,000 SHEET _____

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20 Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105129

SAMPLE NUMBER			SAMPLE TYPE		APERTURE (mm)		MICROSCOPY		CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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MACMINEX LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
Razorbach Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.
* check Analyses.

NOTATIONS: SAMPLE TYPE - _____
 M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL _____
105130

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/LINE
602RG177	S	-20	<1	3	30	1	<1	<1	<3	<3			0-0.8m qtz frags, clay; 0.8m grn+chocolate banded clay	7240E	3480N
178	S	-20	<1	1	<20	1	<1	<1	<3	<3			As for 177 S.	7230E	
179	S	-20	<1	1	30	<1	<1	<1	<3	100			0-0.6m clay+rbfrags; >0.6m chocolate-grn-limonitic brn clay	7220E	
602RG186	S	-20	<1	10	100	10	1	<1	<3	100			0-0.4m : clay+qtz frags; >0.4m green+brn clay (As for 186)	7210E	3480N
181	S	-20	<1	3	30	<1	<1	<1	<3	100			0-0.5m As for 180 S	7200E	
182	S	-20	<1	3	30	3	<1	<1	<3	30			0-0.5m : clay+angular rbfrags; >0.5m grn+brn sh (As for 186)	7190E	
183	S	-20	1	10	50	80	<20	<2	<3	10			0-0.5m : grvls - hard base - not residual sul.	7180E	
184	S	-20	<1	30	30	10	1	<1	<3	300			0-0.6m mud/angular grvls; >0.6m : blue grey-chocolate-grn wd. rb (As for 186 S)	7170E	
185	S	-20	<1	3	30	1	1	<1	<3	100			0-0.5m AS for 183 - not residual.	7160E	
186	S	-20	<1	100	100	3	<1	<1	<3	100			0-0.6m : clay+rounded grvls; 0.6m-1.0m chocolate and grn. clay (W edge of flat)	7150E	
187	S	-20	<1	3	<20	<1	<1	<1	<3	30			0.6m : bright yell. brn. clay	7140E	
188	S	-20	<1	30	<20	1	<1	<1	<3	200			As for 189	7130E	
189	S	-20	<1	3	<20	1	<1	<1	<3	100			0.3m : dk. brn clay soil (chocolate?)	7120E	
602RG190	S	-20	<1	10	30	10	<1	<1	<3	300			As for 191	7110E	3480N
191	S	-20	<1	30	100	30	1	<1	<3	100			0.4m pale grn-brn clay = sh?, tuff sh?	7100E	
192	S	-20	<1	30	30	30	1	<1	<3	100			brn. silty soil (x-greywacke sst?)	7090E	
193	S	-20	<1	10	300	3	<1	<1	<3	300			yellow brn clay = sh?	7080E	
194	S	-20	<1	3	30	1	<1	<1	<3	1000			0-0.4m : mud/qty grvls/ grey brn clay - not bottomed (flat 6970E → 7073E)	7070E	
* 195	S	-20	1	100	*1000	10	<1	1	<3	1000			0-0.8m mud/grvls; 0.8-1.0m grey white clay = sh? (AAS/-20/700 ppm Zn)	7060E	
196	S	-20	1	30	100	10	<1	<1	<3	3000			0-0.8m mud/grvls; 0.8-1.0m blue grey sh.	7050E	
197	S	-20	1	30	100	10	<1	<1	<3	1000			0-0.8m mud/grvls; 0.8-1.0m blue grey grn. sh.	7040E	
* 602RG198	S	-20	1	100	1000	*3000	<1	1	<3	300			dk blue grey shale. (AAS/-20/100 ppm Pb, 550 Zn)	7030E	

PACMINEX PTY LTD SAMPLE DATA SHEET

AREA EL 15/76
STATE TAS LOCATION Dundas

PROSPECT NUMBER 602
1:100,000 SHEET

DATE SAMPLED
SAMPLER

LABORATORY REPORT NO.
ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105131

SAMPLE NUMBER			SAMPLING TYPE	ANALYSE (ppm)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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AREA EL 15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
Razorbuck Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.
* check Analyses.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL _____
105132

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm) (microns)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	SUMMARY DESCRIPTION								EOW	N/E LINE
* 602RG199	S	-20	<1	100	3000	10,000	1	10	<3	30	0.8m blue grey-grn. shale on flat (-20/ AAS/ 1600 Pb, 2600 ppm Zn)								7020E	3480N
* 602RG200	S	-20	<1	100	1000	3	<1	1	<3	300	blue grey grn. clay = wd. shale (AAS/-20/ 500 ppm Zn)								7010E	3480N
201	S	-20	<1	10	30	1	<1	<1	<3	3	0-0.8 mud; >0.8m AS for 200								7000E	
202	S	-20	<1	100	100	10	1	<1	<3	30	0-1m = mud; >1.0 AS for 200								6990E	
203	S	-20	<1	30	<20	3	<1	1	<3	10	AS for 200								6980E	
204	S	-20	<1	50	100	10	<1	<1	<3	30	banded red clay - yell. brn silt. - edge of flat.								6970E	
205	S	-20	<1	10	50	<1	<1	<1	<3	10	0.3m dk orange brn clay								6960E	
206	S	-20	<1	3	<20	<1	<1	<1	<3	<3	mixed clast rk - red sh + green chloritic matrix								6950E	
207	S	-20	<1	1	<20	<1	<1	<1	<3	<3	AS for 206								6940E	
208	S	-20	<1	10	<20	<1	<1	<1	<3	<3	0.3m yell. brn. clay								6930E	
209	S	-20	<1	3	<20	<1	<1	<1	<3	30	pale grn-grey clay = sh.								6920E	
602RG210	S	-20	<1	3	<20	<1	<1	<1	<3	<3	pale grey brn. silt.								6910E	3480N
211	S	-20	<1	3	<20	<1	<1	<1	<3	10	0.3m pale brn clay - residual.								6900E	
212	S	-20	<1	3	<20	<1	<1	<1	<3	10	brn. silty clay								6890E	
213	S	-20	<1	3	<20	<1	<1	<1	<3	10	brn silty -> sandy soil.								6880E	
214	S	-20	<1	3	<20	<1	<1	<1	<3	10	AS for 213								6870E	
215	S	-20	<1	10	<20	<1	<1	<1	<3	30	AS for 213								6860E	
216	S	-20	<1	1	100	<1	<1	<1	<3	3	0.3m yell. brn clay								6850E	
217	S	-20	<1	10	50	1	<1	<1	<3	30	light brn. clay								6840E	
218	S	-20	<1	3	30	1	<1	<1	<3	100	0.3m blue-grn-grey clay = sh?								6830E	
219	S	-20	<1	10	30	1	<1	<1	<3	10	grn grey brown clay = grey shale								6820E	
602RG220	S	-20	<1	30	30	1	1	<1	<3	30	AS for 219								6810E	3480N

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76
 STATE TAS LOCATION Dundas
 PROSPECT NUMBER 1:100,000
 SHEET Razor back Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
 ANALYSES: Please state element

ADDITIONAL

105133

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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PACMINEX INC. LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
STATE TAS LOCATION Dundas SHEET 7914
Razorback Grid

DATE SAMPLED _____
SAMPLER P.M.M.

LABORATORY REPORT NO. _____
ANALYTICAL METHOD _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips (SA)
ANALYSES: R - Rock
Please state element

ADDITIONAL _____

105134

SAMPLE NUMBER	TYPE	DEPTH (m)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/W
602RG-221	S	-20	<1	10	30	<1	<1	<1	<3	<3			green grey brown clay = wd. grey shale	6800E	3480N
222	S	-20	<1	30	30	3	1	<1	<3	100			wd. brn sandy-clayey soil (=greywacke?)	6790E	
223	S	-20	<1	30	100	<1	<1	<1	<3	30			As for 222	6780E	
224	S	-20	<1	100	30	<1	1	<1	<3	<3			0.3m blue grn. grey clay = tuff? shale?	6770E	
225	S	-20	<1	100	100	1	1	<1	<3	30			As for 224	6760E	
226	S	-20	<1	3	30	<1	<1	<1	<3	10			brn. clay	6750E	
227	S	-20	<1	10	<20	<1	<1	<1	<3	30			blue-grey clay = shale	6740E	3480N
228	S	-20											N/S		
229	S	-20											N/S		
602RG-230	S	-20	<1	3	30	3	<1	<1	<3	3			0.3m yellow brn. clay	8000E	2560N
231	S	-20	<1	3	30	1	<1	<1	<3	10			As for 230	8010E	
232	S	-20	<1	3	30	10	<1	<1	<3	3			As for 230: o/c f.g. grey silty sst	8020E	
233	S	-20	<1	10	30	3	<1	<1	<3	100			As for 230	8030E	
234	S	-20	<1	10	30	3	<1	<1	<3	30			As for 230, grey clay patches.	8040E	
235	S	-20	<1	30	100	30	<1	<1	<3	10			0.6m As for 230	8050E	
236	S	-20	<1	10	100	10	<1	<1	<3	3			0.6m As for 230	8060E	
237	S	-20	<1	10	30	30	<1	<1	<3	30			0.6m As for 230 - ?Shallow pits at 8065E	8070E	
238	S	-20	<1	3	<20	10	<1	<1	<3	30			As for 230 ± grey patches.	8080E	
239	S	-20	<1	1	<20	<1	<1	<1	<3	30			As for 230 + grn. grey patches.	8090E	
602RG-240	S	-20	<1	3	30	3	<1	<1	<3	3			blue green-grey slst-shale.	8100E	2560N
241	S	-20	<1	3	30	1	<1	<1	<3	3			As for 240	8110E	
242	M	-20 -80	<1 5	1 45	30 145	<1 220	<1 10	<1 2	<3	3 45			gully drains south. - minor.	8114E	2560N

MINNESOTA SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET
Razorback Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL

105135

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm, inches, microns)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As												E/W	N/S
602 RG 221	S	-20	<5	30	<30	<3	<50	<50													
222	S	-20	<5	100	<30	<3	<50	<50													
223	S	-20	<5	300	<30	<3	<50	<50													
224	S	-20	<5	30	<30	<3	<50	<50													
225	S	-20	<5	100	<30	<3	<50	<50													
226	S	-20	<5	100	<30	<3	<50	<50													
227	S	-20	<5	100	<30	<3	<50	<50													
228	S	-20																			
229	S	-20																			
602 RG 230	S	-20	<5	100	<30	<3	<50	<50													
231	S	-20	<5	300	<30	<3	<50	<50													
232	S	-20	<5	100	<30	<3	<50	<50													
233	S	-20	<5	100	<30	<3	<50	<50													
234	S	-20	<5	100	<30	<3	<50	<50													
235	S	-20	<5	100	<30	<3	<50	<50													
236	S	-20	<5	100	<30	<3	<50	<50													
237	S	-20	<5	100	<30	<3	<50	<50													
238	S	-20	<5	100	<30	<3	<50	<50													
239	S	-20	<5	100	<30	<3	<50	<50													
602 RG 240	S	-20	<5	30	<30	<3	<50	<50													
241	S	-20	<5	100	<30	<3	<50	<50													
242	M	-20	<5	30	<30	<3	<50	<50													
		-80	35				10														

CMC LTD SAMPLE DATA SHEET

AREA FL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
Razorback Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.
* Check Analyses

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger/RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105136

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (meters)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni										E/W	N/E LINE
602RG 243	SA	-20	<1	10	<20	3	<1	<1	<3	10									yellow brn clay - residual.	8120E	2560N
244	SA	-20	<1	3	30	3	<1	<1	<3	3									AS for 243	8130E	
245	SA	-20	<1	30	30	3	<1	<1	<3	3									AS for 243 - grey grn sh/sst.	8140E	
246	SA	-20	<1	1	30	<1	<1	<1	<3	3									AS for 243	8150E	
247	SA	-20	<1	10	<20	100	<1	<1	<3	<3									AS for 243	8160E	
248	SA	-20	3	30	30	3000*	<1	<1	<3	10									AS for 243 (A.A.S/-20/800 ppm Pb)	8170E	
249	SA	-20	<1	10	<20	30	<1	<1	<3	3									AS for 243	8180E	
602RG 250	SA	-20	<1	30	30	30	<1	<1	<3	100									AS for 243 - red clay at depth.	8190E	2560N
251	SA	-20	<1	10	<20	10	<1	<1	<3	<3									AS for 250	8200E	
252	SA	-20	1	30	30	300	<1	<1	<3	<3									AS for 243	8210E	
253	SA	-20	<1	30	30	300	<1	<1	<3	10									AS for 245	8220E	
254	SA	-20	<1	3	<20	30	<1	<1	<3	3									AS for 243	8230E	
255	SA	-20	1	10	<20	300	<1	<1	<3	<3									AS for 245: o/c 140°/40°W wd. brn and red clayey sst	8240E	
256	SA	-20	<1	3	<20	30	<1	<1	<3	10									AS for 243	8250E	
257	SA	-20	<1	30	<20	10	<1	<1	<3	<3									AS for 243	8260E	
258	SA	-20	1	30	30	300	<1	<1	<3	3									AS for 243	8270E	
259	SA	-20	<1	10	<20	30	<1	<1	<3	3									AS for 243	8280E	
602RG 260	M	-20	<1	10	30	30	<1	<1	<3	3									o/c grey grn clayey sst o/c 095°/40°S in gully	8285E	2560N
		-80	<5	45	105	55	10	1		55											
261	SA	-20	<1	30	<20	30	<1	<1	<3	10									brn soil	8294E	
262	SA	-20	<1	10	<20	3	<1	<1	<3	<3									yellow brn soil - grey grn. sst o/c	8300E	
263	SA	-20	<1	30	<20	10	<1	<1	<3	<3									AS for 243	8310E	
264	SA	-20	<1	10	<20	3	<1	<1	<3	3									AS for 245.	8320E	2560N

MACMINEX LTD. SAMPLE DATA SHEET

AREA EL 15/76 PROSPECT NUMBER 1:100,000
 STATE TAS LOCATION Dundas SHEET
Razorback Grid

DATE SAMPLED
 SAMPLER

LABORATORY REPORT NO.
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105137

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICROMETRES)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb	Mo	W	As											E/W	N/S
602RG 243	SA	-20	<5	1.00	<30	<3	<50	<50												
244	SA	-20	<5	30	<30	<3	<50	<50												
245	SA	-20	<5	30	<30	<3	<50	<50												
246	SA	-20	<5	30	<30	<3	<50	<50												
247	SA	-20	<5	30	<30	<3	<50	<50												
248	SA	-20	<5	300	<30	<3	<50	<50												
249	SA	-20	<5	1.00	<30	<3	<50	<50												
602RG 250	SA	-20	<5	1.000	<30	<3	<50	<50												
251	SA	-20	<5	30	<30	<3	<50	<50												
252	SA	-20	<5	30	<30	<3	<50	<50												
253	SA	-20	5	300	<30	<3	<50	<50												
254	SA	-20	<5	30	<30	<3	<50	<50												
255	SA	-20	<5	30	<30	<3	<50	<50												
256	SA	-20	<5	1.00	<30	<3	<50	<50												
257	SA	-20	<5	20	<30	<3	<50	<50												
258	SA	-20	<5	1.00	<30	<3	<50	<50												
259	SA	-20	<5	1.00	<30	<3	<50	<50												
602RG 260	M	-20	<5	30	<30	<3	<50	<50												
		-80	35				5													
261	SA	-20	<5	1.00	<30	<3	<50	<50												
262	SA	-20	<5	30	<30	<3	<50	<50												
263	SA	-20	<5	30	<30	<3	<50	<50												
264	SA	-20	<5	1.00	<30	<3	<50	<50												

PACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76

STATE TAS LOCATION Dundas

PROSPECT NUMBER 602
1:100,000 SHEET 7914 Pie man

DATE SAMPLED _____
SAMPLER P.M.M.

LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20: Emission Spec.
* Check Analyses.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL _____

105138

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm)	CHEMICAL ANALYSES (ppm)																		SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni												ENCL	LINE
602RG 265	SA	-20	<1	10	<20	10	<1	<1	<3	3	0.3m yell. brn clay + wd. grey grn sh/slst.										8330E	2560N	
266	SA	-20	300	100	<20	1	1	30	<3	3	As for 265										8340E		
267	SA	-20	<1	30	30	10	<1	<1	<3	10	As for 265										8350E		
268	M	-20	<1	10	30	1	<1	<1	<3	30	gully drains South.										8360E		
		-80	5	45	135	50	10	1		65													
269	SA	-20	<1	10	<20	1	<1	<1	<3	10											8363E		
602RG 270	SA	-20	<1	10	<20	<1	1	<1	<3	30	As for 265										8370E	2560N	
271	SA	-20	<1	30	30	10	<1	<1	<3	30	As for 265										8380E		
272	SA	-20	<1	10	<20	<1	<1	<1	<3	10	As for 265										8390E		
273	SA	-20	<1	10	<20	<1	<1	<1	<3	30	As for 265										8400E		
274	SA	-20	<1	10	<20	1	<1	<1	<3	10	As for 265										8410E		
275	M	-20	<1	3	30	3	<1	<1	<3	10	gully flows South.										8415E		
		-80	5	40	170	60	15	1		70													
276	SA	-20	<1	30	<20	10	<1	<1	<3	30											8423E		
277	SA	-20	<1	10	30	3	<1	<1	<3	3	yellow brn clay + grey grn sandy grey wacke(?) + black frags.										8430E		
278	SA	-20	<1	30	<20	1	<1	<1	<3	10	red and yell. brn limonitic clay										8440E		
279	SA	-20	<1	10	<20	10	<1	<1	<3	10	As for 277										8450E		
602RG 280	SA	-20	<1	3	<20	<1	<1	<1	<3	30	yellow brn clay										8460E	2560N	
281	SA	-20	<1	10	<20	3	<1	<1	<3	3	As for 277										8470E		
282	SA	-20	<1	30	30	10	<1	<1	<3	30	As for 277										8480E	2560N	
283	SA	-20	<1	3	100	1	<1	<1	<3	<3	0.2m grn. grey finely bedded hard slst/sh; old trenches 3m to W.										7990E	2560N	
284	SA	-20	<1	10	1,000	1,000	<1	<1	<3	100	0.4m Mn std. slst near old workings - slope in valley floor 2m wide 130°/60°SW vein (+ 500 Pb, 1900 Zn)										7980E		
285	M	-20	1,000	300	10,000	>10,000	3	300	<3	10	old mullock heap - not in situ (check for metal types)										7970E		
											(* 190 Ag, >10,000 Pb, 64,000 Zn, 230 Sn, 650 As)												
286	SA	-20	<1	10	30	300	<1	<1	<3	30	pale yell. brn clay studded & fine qtz (0.5-1mm) - volcanic?										7960E	2560N	

AREA _____ PROSPECT NUMBER _____
STATE _____ LOCATION _____
1:100,000 SHEET _____

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105139

Razorback Grid

SAMPLE NUMBER	SAMPLING TYPE	DEPTH (meters/ feet/ micro)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As												E/W	N/S
602RG 265	SA	-20	<5	100	<30	<3	<50	<50													
266	SA	-20	<5	30	<30	<3	<50	<50													
267	SA	-20	<5	30	<30	<3	<50	<50													
268	M	-20	<5	100	<30	<3	<50	<50													
		-80	45				5														
269	SA	-20	<5	100	<30	<3	<50	<50													
602RG 270	SA	-20	<5	100	<30	<3	<50	<50													
271	SA	-20	<5	30	<30	<3	<50	<50													
272	SA	-20	<5	100	<30	<3	<50	<50													
273	SA	-20	<5	100	<30	<3	<50	<50													
274	SA	-20	<5	30	<30	<3	<50	<50													
275	M	-20	<5	300	<30	<3	<50	<50													
		-80	30				5														
276	SA	-20	<5	30	<30	<3	<50	<50													
277	SA	-20	<5	100	<30	<3	<50	<50													
278	SA	-20	<5	100	<30	<3	<50	<50													
279	SA	-20	<5	300	<30	<3	<50	<50													
602RG 280	SA	-20	5	30	<30	<3	<50	<50													
281	SA	-20	<5	30	<30	<3	<50	<50													
282	SA	-20	5	1000	<30	<3	<50	<50													
283	SA	-20	<5	30	<30	<3	<50	<50													
284	SA	-20	<5	30	<30	<3	<50	<50													
285	SA	-20	<5	100	100	<3	<50	3000													
286	SA	-20	<5	100	<30	<3	<50	<50													

AREA ELIS/76 PROSPECT NUMBER 602
STATE TAS LOCATION Dundas SHEET 7914
Razorback Grid

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105140

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE MICROMETRES	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/S LINE
602RG287	SA	-20	<1	1	<20	10	<1	<1	<3	3			pale yellow brn. clay $\pm$ 0.5m-1mm qtz = volc?	7950E	2560N
288	SA	-20	<1	1	<20	<1	<1	<1	<3	<3			As for 287	7940E	
289	SA	-20	<1	10	30	10	<1	<1	<3	10			As for 287	7930E	
602RG290	SA	-20	<1	10	<20	10	<1	<1	<3	30			yellow clay $\pm$ red clay patches.	7920E	2560N
291	SA	-20	<1	3	<20	<1	<1	<1	<3	10			pale yell. brn. clay	7910E	
292	SA	-20	<1	10	30	<1	<1	<1	<3	30			dk yell. brn. clay $\pm$ red, grey streaks.	7900E	
293	SA	-20	<1	10	<20	1	<1	1	<3	10			chocolate-mauve + yell. brn. clay	7890E	
294	SA	-20	<1	10	30	3	<1	<1	<3	10			As for 293 - near old shallow trench?	7880E	
295	SA	-20	<1	10	<20	10	<1	<1	<3	10			As for 293	7870E	
296	SA	-20	<1	3	<20	<1	<1	<1	<3	30			As for 293	7860E	
297	SA	-20	<1	3	30	100	<1	<1	<3	30			yell. brn. clay - near old(?) mullock heap.	7850E	
298	SA	-20	<1	10	30	10	<1	<1	<3	100			brn + mauve banded clay	7840E	
299	SA	-20	<1	3	30	<1	<1	<1	<3	10			mauve-yell brn - green sh. clay	7830E	
602RG300	SA	-20	<1	10	30	3	<1	<1	<3	10			greenish wd 2mm tuft + brn. clay	7820E	2560N
301	SA	-20	<1	10	30	1	<1	<1	<3	10			yell. brn. clay $\pm$ mauve bands.	7810E	
302	SA	-20	<1	3	30	<1	<1	<1	<3	<3			As for 301: o/c mauve sh. $\pm$ f.g (0.5mm) green tuft/ grey wacke bands (? 07S/ 60°N dip?) o/c sh 120°/ 65°SW dip.	7800E	
303	SA	-20	<1	10	30	10	<1	<1	<3	<3				7790E	
304	SA	-20	<1	10	30	10	<1	<1	<3	10			As for 302	7780E	
305	M	-20	<1	3	30	3	<1	<1	<3	3			gully drains South.	7775E	
		-80	5	40	95	65	10	1		45					
306	SA	-20	<1	10	30	10	<1	<1	<3	10			As for 302	7770	
307	SA	-20	<1	10	100	1	<1	<1	<3	100			As for 302	7760E	
308	SA	-20	<1	30	30	30	<1	<1	<3	100			As for 302	7740E	2560N

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
STATE TAS LOCATION Dundas SHEET 7914

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
Please state element

ADDITIONAL

105141

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (SIEVE/ MICRON)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As												E/W	N/S
602RG 287	SA	-20	<5	100	<30	<3	<50	<50													
288	SA	-20	<5	30	<30	<3	<50	<50													
289	SA	-20	<5	300	<30	<3	<50	<50													
602RG 290	SA	-20	<5	300	<30	<3	<50	<50													
291	SA	-20	<5	100	<30	<3	<50	<50													
292	SA	-20	<5	100	<30	<3	<50	<50													
293	SA	-20	<5	300	<30	<3	<50	<50													
294	SA	-20	<5	100	<30	<3	<50	<50													
295	SA	-20	<5	300	<30	<3	<50	<50													
296	SA	-20	<5	1000	<30	<3	<50	<50													
297	SA	-20	<5	1000	<30	<3	<50	<50													
298	SA	-20	<5	1000	<30	<3	<50	<50													
299	SA	-20	<5	1000	<30	<3	<50	<50													
602RG 300	SA	-20	<5	1000	<30	<3	<50	<50													
301	SA	-20	<5	1000	<30	<3	<50	<50													
302	SA	-20	<5	30	<30	<3	<50	<50													
303	SA	-20	<5	100	<30	<3	<50	<50													
304	SA	-20	<5	1000	<30	<3	<50	<50													
305	M	-20	<5	300	<30	<3	<50	<50													
		-80	30				5														
306	SA	-20	<5	300	<30	<3	<50	<50													
307	SA	-20	30	300	<30	<3	<50	300													
308	SA	-20	10	300	<30	<3	<50	<50													

PACMINEX LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 79/4 Pieman
Razorback Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 ANALYSES: Please state element

ADDITIONAL
105142

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				EDN	NIP LINE
602RG 309	SA	-20	<1	3	30	10	<1	<1	<3	10			on flat - 0.3m to hard base; o/c 130°/60° SW dip.	7720E	2560N
602RG 310	SA	-20	<1	10	<20	3	<1	<1	<3	30			Mixed residual soil + CR sediment?	7700E	2560N
311	SA	-20	<1	10	30	3	<1	<1	<3	10			As for 310	7680E	
312	SA	-20	<1	10	30	3	<1	<1	<3	3			As for 310	7660E	2560N
602RG 331	SA	-20	<1	10	30	300	<1	<1	<3	30			0.2-0.6m crimson clay patches in orange-brn clay.	8000E	4220N
* 332	SA	-20	<1	10	100	1000*	<1	<1	<3	100			0.3m red and grn. banded rock (g/wacke/volc?)	8010E	
* 333	SA	-20	<1	30	<20	1000*	<1	<1	<3	300			(* -20/ARS/900ppm Pb) 0.4m brn clay, red clay frags. (AA5/-20/5000ppm Pb)	8020E	
334	SA	-20	<1	10	<20	30	<1	<1	<3	100			orange brn. clay & red clay frags.	8030E	
335	SA	-20	<1	10	30	<1	<1	<1	<3	100			As for 334	8040E	
336	SA	-20	<1	10	30	<1	<1	<1	<3	30			As for 334	8050E	
337	SA	-20	<1	30	<20	10	<1	<1	<3	100			As for 334	8060E	
338	SA	-20	<1	10	30	<1	<1	<1	<3	100			As for 334	8070E	
339	SA	-20	<1	30	30	10	<1	<1	<3	300			As for 334	8080E	
602RG 340	SA	-20	<1	100	30	30	<1	<1	<3	3			red brn. clay, "pebbles" crimson clay, Mn-stl.	8090E	4220N
341	SA	-20	<1	10	30	30	<1	<1	<3	100			green (?) tuft - purple sh/sst - g/lz breccia	8100E	
342	SA	-20	<1	10	30	3	<1	<1	<3	100			As for 340	8110E	
343	SA	-20	<1	10	30	100	<1	<1	<3	300			As for 340	8120E	
344	SA	-20	<1	10	30	100	<1	<1	<3	30			As for 340	8130E	
345	SA	-20	<1	3	<20	1	<1	<1	<3	100			As for 340 (volc?/tuft? o/c)	8140E	
346	SA	-20	<1	10	<20	30	<1	<1	<3	10			As for 340	8150E	4220N

AREA ELIS/76 PROSPECT NUMBER 1:100,000 SHEET
 STATE TAS LOCATION Dundas
Razorback Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL 105143

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb	Mo	W	As											E/W	N/S
602 RG 309	SA	-20	<5	100	<30	<3	<50	<50												2560N
310	SA	-20	10	1000	<30	<3	<50	<50												
311	SA	-20	<5	100	<30	<3	<50	<50												
312	SA	-20	<5	100	<30	<3	<50	<50												2560N
602 RG 331	SA	-20	<5	300	<30	<3	<50	<50												4220N
332	SA	-20	30	3000	<30	<3	<50	<50												
333	SA	-20	100	10000	<30	<3	<50	<50												
334	SA	-20	30	3000	<30	<3	<50	<50												
335	SA	-20	<5	1000	<30	<3	<50	<50												
336	SA	-20	10	300	<30	<3	<50	<50												
337	SA	-20	10	1000	<30	<3	<50	<50												
338	SA	-20	30	1000	<30	<3	<50	<50												
339	SA	-20	30	5000	<30	<3	<50	<50												
602 RG 340	SA	-20	<5	1000	<30	<3	<50	<50												
341	SA	-20	<5	3000	<30	<3	<50	<50												
342	SA	-20	<5	5000	<30	<3	<50	<50												
343	SA	-20	30	5000	<30	<3	<50	<50												
344	SA	-20	10	3000	<30	<3	<50	<50												
345	SA	-20	10	3000	<30	<3	<50	<50												
346	SA	-20	5	300	<30	<3	<50	<50												4220N

PACMINEX INC. LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 714
Razorback Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20 = Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105144

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm) / SIZE (microns)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				E/W	N/E LINE
602RG 347	SA	-20	<1	10	100	300	<1	<1	<3	30			Orange brn clay, red clay 'inclusions'; limonitic rock.	8160E	4220N
348	SA	-20	<1	30	100	100	<1	<1	<3	30			0.2m As for 347	8170E	
349	R		<1	100	300	100	<1	<1	<3	3			o/c limonitic rk = greenish (?) felted volcanic - trend 020°M? - dyke?; some grey hematite patches.	8170E	
602RG 350	SA	-20	<1	30	30	100	<1	<1	<3	30			green and red clayey rk frags. = tuff? / volcanoclastic?	8180E	4220N
351	SA	-20	<1	30	30	10	<1	<1	<3	3			As for 350	8190E	
352	SA	-20	<1	30	30	10	<1	<1	<3	100			Purple red rk frags, brn clay	8200E	
353	SA	-20	<1	30	<20	10	<1	<1	<3	300			purple volcanoclastic? (green (?) tuff - purple red sh - qtz) + minor qtzite scree.	8210E	
354	SA	-20	<1	3	<20	1	<1	<1	<3	100			dk red brn soil	8220E	
355	SA	-20	<1	10	30	10	<1	<1	<3	30			As for 354 - red/green volcanoclastic?	8230E	
356	SA	-20	<1	30	30	300	1	<1	<3	30			breccia / conglom of red, purple shale, qtz, greenish (?) tuff frags and matrix.	8240E	
357	SA	-20	<1	10	30	1	<1	<1	<3	30			As for 356	8250E	
358	SA	-20	<1	30	30	3	<1	<1	<3	10			As for 356	8260E	
359	SA	-20	<1	10	30	<1	<1	<1	<3	50			chocolate brn clay	8270E	
602RG 360	SA	-20	<1	30	30	1	<1	<1	<3	100			As for 359	8280E	4220N
361	SA	-20	<1	30	30	1	<1	<1	<3	30			As for 359 - green (?) tuff - chocolate shale, banded.	8290E	
362	SA	-20	<1	10	<20	<1	<1		<3	30			As for 361 - limonite frags.	8300E	
363	SA	-20	<1	30	30	3	1	<1	<3	30			As for 361	8310E	
364	SA	-20	<1	1	<20	<1	<1	<1	<3	30			As for 361	8320E	
365	SA	-20	<1	10	30	1	<1	<1	<3	10			As for 361 - scree?	8330E	
366	M	-20	<1	10	100	10	<1	<1	<3	30			gully - boulders of purplish volcanoclastic - breccia / cgl.		
		-50	<5	30	175	70	10			95					
367	SA	-20	<1	30	30	1	<1	<1	<3	100			As for 365	8340E	
368	SA	-20	<1	30	30	<1	<1	<1	<3	100			As for 361	8350E	4220N

PACMINEX PTY LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914 Pieman
Razorback Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20 mesh - Emission Spec.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105145

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (meters)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION		LOCATION	
			Co	Cr	Sb	Mo	W	As													E/W	N/S
602 RG347	SA	-20	5	1000	<30	<3	<50	<50														
348	SA	-20	<5	300	<30	<3	<50	<50														
349	R		<5	100	<30	<3	<50	<50														
602 RG350	SA	-20	<5	300	<30	<3	50	<50														
351	SA	-20	<5	100	<30	<3	50	<50														
352	SA	-20	<5	10000	<30	<3	50	<50														
353	SA	-20	<5	5000	<30	<3	<50	<50														
354	SA	-20	5	1000	<30	<3	<50	<50														
355	SA	-20	<5	1000	<30	<3	<50	<50														
356	SA	-20	<5	1000	<30	<3	<50	<50														
357	SA	-20	<5	300	<30	<3	<50	<50														
358	SA	-20	<5	300	<30	<3	<50	<50														
359	SA	-20	<5	3000	<30	<3	<50	<50														
602 RG360	SA	-20	<5	3000	<30	<3	<50	<50														
361	SA	-20	<5	1000	<30	<3	<50	<50														
362	SA	-20	<5	300	<30	<3	<50	<50														
363	SA	-20	<5	1000	<30	<3	<50	<50														
364	SA	-20	<5	100	<30	<3	<50	<50														
365	SA	-20	<5	30	<30	<3	<50	<50														
366	M	-20	<5	100	<30	<3	<50	<50														
		-80	30				5															
367		-20	<5	100	<30	<3	<50	<50														
368	SA	-20	<5	300	<30	<3	<50	<50														

PACMINEX PTY. LTD. SAMPLE DATA SHEET

AREA EL15776 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914 Pieman
Razorback Grid

DATE
 SAMPLED
 SAMPLER

LABORATORY
 REPORT NO.
 ANALYTICAL
 METHOD -20 mesh - Emission Spec.
* check Analyses.

NOTATIONS: SAMPLE TYPE -

M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105146

SAMPLE NUMBER	APERTURE (mm)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
		Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni				EN	LINE
602RG 369 SA	-20	<1	30	100	3	<1	<1	<3	300			banded red, chocolate shale - green "tuff" breccia/cgl.	8360E	4220N
602RG 370 SA	-20	<1	10	<20	<1	<1	<1	<3	100			As for 369	8370E	4220N
371 SA	-20	<1	10	<20	1	<1	<1	<3	30			As for 369	8380E	
372 SA	-20	<1	30	30	3	<1	<1	<3	30			As for 369 - purple breccia/cgl.	8390E	
373 SA	-20	<1	3	<20	<1	<1	<1	<3	30			As for 369	8400E	
374 SA	-20	<1	10	<20	1	<1	<1	<3	30			As for 369 - red clay soil.	8410E	
375 M	-20	<1	10	<20	10	<1	<1	<3	10			gully drains N th . (minor)	8420E	
	-80	<5	20	55	65	5	1		45					
376 SA	-20	<1	30	<20	10	<1	<1	<3	3			pale brn. clay (= sh?)	8420E	
377 SA	-20	1	30	100	10	1	<1	<3	100			dk. brn. clay after chocolate/green clay	8430E	
378 SA	-20	<1	30	30	1	<1	<1	<3	3			orange clay.	8440E	
379 SA	-20	<1	30	30	<1	<1	<1	<3	30			As for 378, 369	8450E	
602RG 380 SA	-20	<1	30	30	3	<1	<1	<3	3			As for 378	8460E	4220N
381 SA	-20	<1	30	30	<1	<1	<1	<3	10			As for 378	8470E	
382 SA	-20	<1	10	<20	<1	<1	<1	<3	30			As for 378	8480E	
383 SA	-20	<1	100	<20	1	<1	<1	<3	10			As for 378	8490E	
384 SA	-20	<1	10	30	1	<1	<1	<3	30			As for 378	8500E	
385 SA	-20	30	100	500	300	10	<1	<3	10			yell. brn. sandy clay = fine breccia/sh/sst.	8510E	
386 M	-20	<1	3	30	1	<1	<1	<3	10			wide gully drains N th .	8515E	
	-80	<5	15	80	45	5	<1		65					
387 SA	-20	<1	10	30	<1	<1	<1	<3	100			dk. brn. clay.	8520E	
388 SA	-20	<1	3	30	10	<1	<1	<3	10			dk. brn. clay ± green? volc + cherty rock ± black xols. (chromite?)	8530E	
389 SA	-20	<1	3	<20	<1	<1	<1	<3	3			yellow brn. clay ±? volc frags.	8540E	
* 602RG 390 SA	-20	<1	30	<20	1000	<1	<1	<3	100			yell. brn. clay ± bright red clay frags. (A.A.S. -20/600ppm Pb)	7990E	4220N

ALUMINUM LTD. SAMPLE DATA SHEET

140

AREA ELIS/76
 STATE TAS LOCATION Dundas
Razorback Grid

PROSPECT
 NUMBER
 1:100,000
 SHEET

DATE
 SAMPLED
 SAMPLER

LABORATORY
 REPORT NO.
 ANALYTICAL
 METHOD - 20: Emission Spec.

NOTATIONS: SAMPLE TYPE -
 M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL
105147

SAMPLE NUMBER	TYPE	APERTURE (mm)	CHEMICAL ANALYSES (ppm)																												SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As																						E/W		N/S	
602RG-369	SA	-20	10	1000	<30	<3	<50	<50																									
602RG-370	SA	-20	<5	1000	<30	<3	<50	<50																									
371	SA	-20	<5	300	<30	<3	<50	<50																									
372	SA	-20	<5	100	<30	<3	<50	<50																									
373	SA	-20	<5	100	<30	<3	<50	<50																									
374	SA	-20	<5	300	<30	<3	<50	<50																									
375	M	-20	<5	300	<30	<3	<50	<50																									
		-80	25				5																										
376	SA	-20	<5	30	<30	<3	<50	<50																									
377	SA	-20	<5	300	<30	<3	<50	<50																									
378	SA	-20	<5	30	<30	<3	<50	<50																									
379	SA	-20	<5	1000	<30	<3	<50	<50																									
602RG-380	SA	-20	<5	300	<30	<3	<50	<50																									
381	SA	-20	<5	300	<30	<3	<50	<50																									
382	SA	-20	<5	300	<30	<3	<50	<50																									
383	SA	-20	<5	500	<30	<3	<50	<50																									
384	SA	-20	<5	1000	<30	<3	<50	<50																									
385	SA	-20	<5	50	<30	<3	<50	<50																									
386	M	-20	<5	1000	<30	<3	<50	<50																									
		-80	20				<5																										
387	SA	-20	<5	3000	<30	<3	<50	<50																									
388	SA	-20	<5	1000	<30	<3	<50	<50																									
389	SA	-20	<5	30	<30	<3	<50	<50																									
602RG-390	SA	-20	<5	100	<30	<3	<50	<50																									

PACMINEX PTY LTD SAMPLE DATA SHEET

AREA ELIS/76
STATE TAS LOCATION Dundas

PROSPECT NUMBER 602
SHEET 7914 Pieman

DATE SAMPLED _____
SAMPLER _____

LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20: Emission Spec.
* Check analyses

NOTATIONS: SAMPLE TYPE - M - Creek mud, SA - Soil Auger RC - Drill Core, RP - Percussion Chips, R - Rock
ANALYSES: Please state element

ADDITIONAL _____

105148

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni	EN	NID LINE			
* 602RG 391	SA	-20	<1	10	<20	*1,000	<1	<1	<3	10	yellow brn. clay ± red clay frags. (A.A.S./-20/600 ppm Pb)	7980E	4220N		
392	SA	-20	<1	10	<20	1	<1	<1	<3	100	As for 391	7970E			
393	SA	-20	<1	30	30	100	<1	<1	<3	10	yell. brn. clay	7960E			
394	SA	-20	<1	10	<20	100	<1	<1	<3	10	As for 394	7950E			
395	SA	-20	<1	10	<20	30	<1	<1	<3	30	As for 391	7940E			
396	SA	-20	<1	10	<20	100	<1	<1	<3	10	As for 394	7930E			
397	SA	-20	<1	3	<20	100	<1	<1	<3	100	As for 391	7920E			
* 398	SA	-20	<1	100	100	3,000*	1	<1	<3	30	0-0.6m gtl frags/clay; 0.6-0.8m yellow brn clay (residual) (*A.A.S/-20/850 ppm Pb)	7910E			
399	SA	-20	<1	3	30	30	<1	<1	<3	30	yell. brn. clay	7900E			
602RG 400	SA	-20	<1	10	<20	300	<1	<1	<3	3	As for 391	7890E	4220N		
401	SA	-20	<1	3	<20	10	<1	<1	<3	10	As for 394	7880E			
* 402	SA	-20	<1	10	30	1,000*	<1	<1	<3	10	As for 394 (*A.A.S/-20/700 ppm Pb)	7870E			
* 403	SA	-20	<1	100	100	*1,000	<1	<1	<3	30	red-yellow-black Mn std clay (*A.A.S/-20/300 ppm Pb)	7860E			
* 404	SA	-20	30	300	30	*300	<1	<1	<3	3	0.5m yell. brn - Mn std - red clay + rck frags incl. gtl. = ? (A.A.S/-20/500 ppm Pb)	7850E			
405	SA	-20	<1	30	100	30	<1	<1	<3	30	deep red brn clay + red clay frags + Mn.	7840E			
* 406	SA	-20	<1	100	30	*3,000	<1	<1	<3	30	As for 405 (*A.A.S/-20/400 ppm Pb)	7830E			
* 407	SA	-20	<1	100	30	*1,000	<1	<1	<3	100	As for 391 (*A.A.S/-20/250 ppm Pb)	7820E			
* 408	SA	-20	<1	30	30	*1,000	<1	<1	<3	10	Mn std - yell. brn - red clay; surface limonitic cherty debris ± 1-2cm irregular limonite boxwork voids. (A.A.S/-20/250 ppm Pb)	7810E			
* 409	SA	-20	<1	100	30	*3,000	<1	<1	<3	30	As for 408 (*A.A.S/-20/500 ppm Pb)	7800E			
602RG 410	SA	-20	<1	30	30	300	<1	<1	<3	3	yell brn clay ± pale brn. cherty frags.	7790E	4220N		
* 411	SA	-20	<1	30	30	1,000	<1	<1	<3	30	As for 391 (*A.A.S/-20/250 ppm Pb)	7780E			
412	SA	-20	<1	100	300	1	<1	<1	<3	30	0.8m yellow brn. slightly micaceous clay = wd. buff/sediment?	7770E			

AREA ELIS/16 PROSPECT NUMBER 602
STATE _____ LOCATION _____ SHEET _____DATE SAMPLED _____
SAMPLER _____LABORATORY REPORT NO. _____
ANALYTICAL METHOD -20 mesh Emission Spec.NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL _____

105149

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (SIEVE/ MICRON)	CHEMICAL ANALYSES (ppm)																										SUMMARY DESCRIPTION	LOCATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			Co	Cr	Sb	Mo	W	As																						EDN	N/E LINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
602RG 391	SA	-20	<5	100	<30	<3	<50	<50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

BAGMINEX LTD. SAMPLE DATA SHEET

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
 Razor back Grid

DATE SAMPLED Mar 79
 SAMPLER P.M.M.

LABORATORY REPORT NO. -20: Emission Spec.
 ANALYTICAL METHOD * Check Analyses

NOTATIONS: SAMPLE TYPE - M - Cracked, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL 105150

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm) / (inches)	CHEMICAL ANALYSES (ppm)																SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bi	Ag	Au	Ni										EN	LINE
602 RG 413 SA	-20	<1	100	30	*3000			10	<3	100	purple - light brn clay (sh?) beneath banded choco sh - sandy greywacke rubble. (* AAS/-20/100 ppm Pb)								7760E	4220N	
414 SA	-20	<1	10	<20	3	<1	<1	<3	30	banded purple clay - greywacke sst.								7750E			
415 SA	-20	<1	10	<20	10	<1	<1	<3	30	As for 414								7740E			
416 SA	-20	<1	10	<20	3	<1	<1	<3	30	pale brn sandy clay, red sh.								7730E			
417 SA	-20	<1	10	<20	<1	<1	<1	<3	30	yell. br + purple clay (as prior to 413?)								7720E			
418 SA	-20	<1	30	<20		<1	<1	<3	30	yell. brn clay, purple clay streaks.								7710E			
419 SA	-20	<1	100	<20	100	<1	<1	<3	300	As for 418								7700E			
602 RG 420 SA	-20	<1	30	<20	30	<1	<1	<3	100	Pale grey -> white clay								7690E	4220N		
421 SA	-20	<1	100	<20	3	<1	<1	<3	100									7680E			
422 SA	-20	<1	10	30	<1	<1	<1	<3	100	As for 421								7670E			
423 SA	-20	<1	10	30	<1	<1	<1	<3	100	greenish silty clay ± grn. mica (chlorite) - as below.								7660E			
424 SA	-20	<1	10	30	<1	<1	<1	<3	30	grn silty clay + pale brn clay								7650E			
425 SA	-20	<1	100	30	10	<1	<1	<3	100	grn. clay + grn. speckled choco. silty clay - grn mica.								7640E			
426 SA	-20	<1	10	<20		<1	<1	<3	100	chocolate silty clay								7630E			
427 SA	-20	<1	100	30	30		<1	<3	30	grn. speckled red chocolate clay								7620E			
428 SA	-20	<1	30	30	10	<1		<3	30	pale brn sandy clay ± dk. grey bands (= sh?)								7610E			
429 SA	-20	<1	100	30	300	<1		<3	30	pale brn - white sandy clay ± fine rk frags - slope wash?								7600E			
602 RG 430 SA	-20	<1	10	100	100	<1	<1	<3	30	pale grn-grey silty clay = sh/sst?								7590E	4220N		
431 SA	-20	<1	3	<20	<1	<1	<1	<3	<3	base of "qtzite" slope on E side: scree qtzite soil.								7580E	4220N		
432 SA	-20	<1	30	100	<1	<1	<1	<3	30	On flat: pale green white silty clay = sst ± blue green tint. at depth.								7550E	4220N		
433 SA	-20	*100	100	<20	10	<1	<1	<3	3	pale white brn silty clay (* XRF/-20/20 ppm Sn)								7570E	4220N		
434 SA	-20	<1	3	<20	<1	<1	<1	<3	10	white qtzite + grn clays in part. (Similar to Onah?) - residual? or glacial: qtzite hillock 436 -> 431.								7560E	4220N		

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
 Razer back Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105151

SAMPLE NUMBER	SAMPLE TYPE	APERTURE SIZE (MICRONS)	CHEMICAL ANALYSES (ppm)																LOCATION	
			Co	Cr	Sb	Mo	W	As											EN	N ^o LINE
602RG 413	SA	-20	<5	3000	<30	<3	<50	<50											7760E	4220N
414	SA	-20	<5	1000	<30	<3	<50	<50												
415	SA	-20	<5	1000	<30	<3	<50	<50												
416	SA	-20	<5	5000	<30	<3	<50	<50												
417	SA	-20	<5	100	<30	<3	<50	<50												
418	SA	-20	<5	1000	<30	10	<50	<50												
419	SA	-20	<5	2000	<30	10	<50	<50												
602RG 420	SA	-20	<5	1000	<30	<3	<50	<50											7690E	4220N
421	SA	-20	<5	1000	<30	<3	<50	<50												
422	SA	-20	10	1000	<30	<3	<50	<50												
423	SA	-20	10	1000	<30	<3	<50	<50												
424	SA	-20	<5	1000	<30	<3	<50	<50												
425	SA	-20	10	1000	<30	<3	<50	<50												
426	SA	-20	10	3000	<30	<3	<50	<50												
427	SA	-20	<5	1000	<30	<3	<50	<50												
428	SA	-20	<5	2000	<30	<3	<50	<50												
429	SA	-20	<5	1000	<30	<3	<50	<50												
602RG 430	SA	-20	<5	2000	<30	<3	<50	<50												
431	SA	-20	<5	100	<30	<3	<50	<50												
432	SA	-20	<5	100	<30	<3	<50	<50												
433	SA	-20	<5	100	<30	<3	<50	<50												
434	SA	-20	<5	100	<30	<3	<50	<50											7560E	4220N

AREA EL15/76 PROSPECT NUMBER 602
 STATE TAS LOCATION Dundas SHEET 7914
RAZOR back Grid

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20: Emission Spec.

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105152

SAMPLE NUMBER	SAMPLE TYPE	DEPTH (m)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION	LOCATION	
			Sn	Cu	Zn	Pb	Bc	Ag	Au	Ni				E/W	N/LINE
602RG 435	SA	-20	<1	10	<20	3	<1	<1	<3	10			white slt qtzite	7550E	4220N
436	SA	-20	<1	10	<20	<1	<1	<1	<3	3			As for 435	7530E	
437	SA	-20	<1	30	100	30	<1	<1	<3	300			grn, grn brn and brn clay	7520E	
438	SA	-20	<1	100	100	3	1	<1	<3	100			As for 437	7510E	
439	SA	-20	<1	100	<20	1	<1	<1	<3	30			As for 437	7500E	
602RG 440	SA	-20	<1	10	<20	<1	<1	<1	<3	30			As for 437	7490E	4220N
441	SA	-20	<1	30	30	3	<1	<1	<3	100			green clay (tuff?)	7480E	
442	SA	-20	<1	10	30	<1	<1	<1	<3	100			red and grn clay - red shale frags, grn (?) tuff.	7470E	
443	SA	-20	<1	10	<20	<1	<1	<1	<3	30			brn & grn clay	7460E	
444	SA	-20											khaki brn. clay	7450E	
445	SA	-20	<1	100	<20	<1	<1	<1	<3	30			0.5m yell. brn - red - mauve clay	7440E	
446	SA	-20	<1	30	30	<1	<1	<1	<3	100			choco - purple - grn. - dk brn. clay	7430E	
447	SA	-20	<1	30	30	<1	<1	<1	<3	30			As for 446	7420E	
448	SA	-20	<1	10	<20	<1	<1	<1	<3	10			As for 446	7410E	
449	SA	-20	<1	30	<20	<1	<1	<1	<3	30			As for 446	7400E	
602RG 450	SA	-20	<1	100	30	<1	<1	<1	<3	30			grn silty clay & sh.	7390E	4220N
451	SA	-20	<1	1	<20	<1	<1	<1	<3	3			Mn std. med brn clay, hard limonitic clay frags.	7380E	
452	SA	-20	<1	1	<20	<1	<1	<1	<3	10			med. brn clay & frags 1mm g/wacke sst.	7370E	
453	SA	-20	<1	10	30	1	<1	<1	<3	30			grn & brn silty clay - g/wacke	7360E	
454	SA	-20	<1	<1	<20	<1	<1	<1	<3	3			dk brn - Mn std. clay	7350E	
455	SA	-20	<1	<1	30	<1	<1	<1	<3	100			dk grey shale - old workings in qtz-limonite surface layer at 7345E.	7340E	4220N
456	M	-20	<1	10	30	3	<1	<1	<3	10			gully flows West.	7338E	4210N
		-30	S	10	55	30	<5	<1		25					

MACMINEN LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
 STATE TAS LOCATION _____
 SHEET _____

DATE SAMPLED _____
 SAMPLER _____

LABORATORY REPORT NO. _____
 ANALYTICAL METHOD -20 mesh: Emission Spec. ANALYSES: _____

NOTATIONS: SAMPLE TYPE - M - Creek mud, S - Soil
 SA - Soil Auger, RC - Drill Core,
 RP - Percussion Chips
 R - Rock
 Please state element

ADDITIONAL

105153

Razorback Grid

SAMPLE NUMBER	SAMPLE TYPE	APERTURE (mm) (mm) (mm)	CHEMICAL ANALYSES (ppm)																											SUMMARY DESCRIPTION	LOCATION	
			Co	Cr	Sb	Mo	W	As																					E/W		N/L	
602RG 435	SA	-20	<5	100	<30	<3	<50	<50																						4270N		
436	SA	-20	<5	300	<30	<3	<50	<50																								
437	SA	-20	10	1000	<30	<3	<50	<50																								
438	SA	-20	<5	300	<30	<3	<50	<50																								
439	SA	-20	<5	500	<30	<3	<50	<50																								
602RG 440	SA	-20	<5	500	<30	<3	<50	<50																								
441	SA	-20	10	1000	<30	<3	<50	<50																								
442	SA	-20	<5	1000	<30	<3	<50	<50																								
443	SA	-20	<5	100	<30	<3	<50	<50																								
444	SA	-20																														
445	SA	-20	<5	300	<30	<3	<50	<50																								
446	SA	-20	5	300	<30	10	<50	<50																								
447	SA	-20	5	300	<30	<3	<50	<50																								
448	SA	-20	<5	100	<30	10	<50	<50																								
449	SA	-20	<5	300	<30	<3	<50	<50																								
602RG 450	SA	-20	<5	300	<30	<3	<50	<50																								
451	SA	-20	<5	20	<30	<3	<50	<50																								
452	SA	-20	<5	100	<30	<3	<50	<50																								
453	SA	-20	5	300	<30	<3	<50	<50																								
454	SA	-20	<5	20	<30	<3	<50	<50																								
455	SA	-20	<5	300	<30	<3	<50	<50																								
456	M	-20	<5	100	<30	<3	<50	<50																								
		-50	15				<5																									

PACMINEX LTD. SAMPLE DATA SHEET

AREA ELIS/76 PROSPECT NUMBER 602
STATE TAS LOCATION Dundas SHEET 7914
Razorback Grid

DATE SAMPLED MARCH '79
SAMPLER

LABORATORY REPORT NO.
ANALYTICAL METHOD 20 mesh Emission Spec.
* Check Analyses

NOTATIONS: SAMPLE TYPE -
M - Creek mud, S - Soil
SA - Soil Auger, RC - Drill Core,
RP - Percussion Chips
R - Rock
ANALYSES: Please state element

ADDITIONAL

105154

SAMPLE NUMBER	SAMPLE TYPE	ANALYSES (ppm)	CHEMICAL ANALYSES (ppm)										SUMMARY DESCRIPTION										LOCATION	
			Sn	Cu	Zn	Pb	Bc	Ag	Au	Ni													EDM	LINE
602RG 457	R		<1	3p	30	<1	<1	<1	<3	3			limonite capping in general area										7335E	4220N
458	SA	-20	<1	3	1000	100	<1	<1	<3	10			disturbed boulders of breccia (purple sh - grn sh - green silty matrix), qtz, limonite = old workings? (* AAS - 2/6504m3n)										7330E	
459	SA	-20	<1	30	<20	<1	<1	<1	<3	<3			limonite capped grey brn clay on limonite at 0.2m. (flat area)										7320E	
602RG 460	SA	-20	<1	10	30	3	1	<1	<3	30			mud on grn. sh.										7310E	4220N
461	SA	-20	<1	30	30	1	<1	<1	<3	30			grn slst & mauve, grey sh bands.										7300E	
462	SA	-20	<1	30	<20	<1	<1	<1	<3	10			blue grn silty clay										7290E	
463	SA	-20	<1	10	<20	<1	<1	<1	<3	3			grey brn org clay, rb frags = mud flat sample = M?										7280E	
464	SA	-20	<1	30	30	1	1	<1	<3	30			grn silty clay										7270E	
465	SA	-20	<1	100	30	1	1	<1	<3	100			As for 464										7260E	
466	SA	-20	<1	30	30	<1	<1	<1	<3	30			grn & chocolate clay										7250E	
467	SA	-20	<1	10	<20	<1	<1	<1	<3	10			dk brn clay										7240E	
468	SA	-20	<1	10	<20	<1	<1	<1	<3	3			purple breccia; strike 145°/dip=? (steep E or W?)										7230E	4220N

105155

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APPENDIX VII

Profiles : Soil Sampling Values
Sn-Cu-Zn; Pb-Bi-Ag; Ni-Co-Cr
Cuni-Nevada-Razorback Grids

Cuni Lines	8341 N	Pages	1 - 9
	7485 N		10 - 15
	6750 N		16 - 18
	6080 N		19 - 21
	5700 N		22
Nevada Lines	NEV 1		23 - 25
	NEV 2		26
	NEV 3		27 - 29
Razorback Lines	4220 N		30 - 35
	3480 N		36 - 44
	2560 N		-

LINE 8341N

- - 20 mesh values
- o - 20 mesh - level of detection value

ppm Sn

Sn

602CG104

5000 E

5100 E

602CG99

ppm Cu

Cu

ppm Zn

Zn

5000 E

5 cm

10000 E

ppm Sn

LINE 8341 N

5 cm

Sn

6026699 5300E 6026479 5300E 6026643 5300E 6026643 5300E 6026643 5300E 6026621 5100E 60266

ppm Cu

Cu

ppm Zn

Zn

REF
1

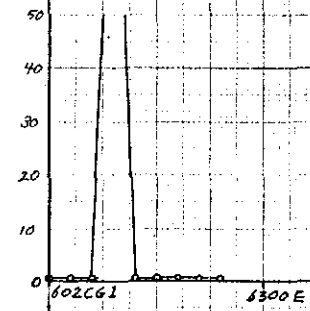
5500E

6000E

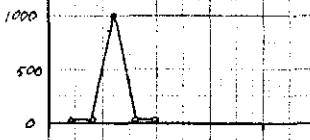
Zn

ppm Sn

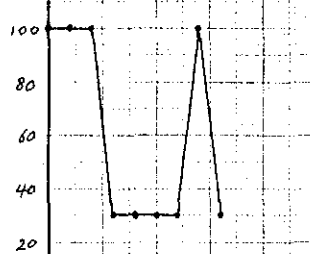
LINE 8341 N



Sn

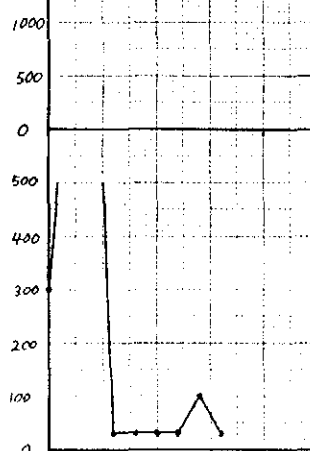


Sn



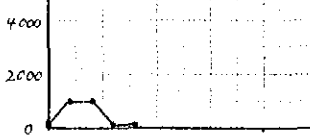
ppm Cu

Cu



ppm Zn

Zn



5 cm

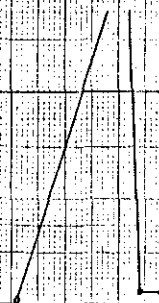
LINE 8341 N

Pb

Pb

Bi

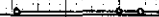
Ag



5000E

5100E

602CG99



5 cm

PPM

LINE 8341 N

PPM

160

14000

2000

20

10

10

8

6

4

2

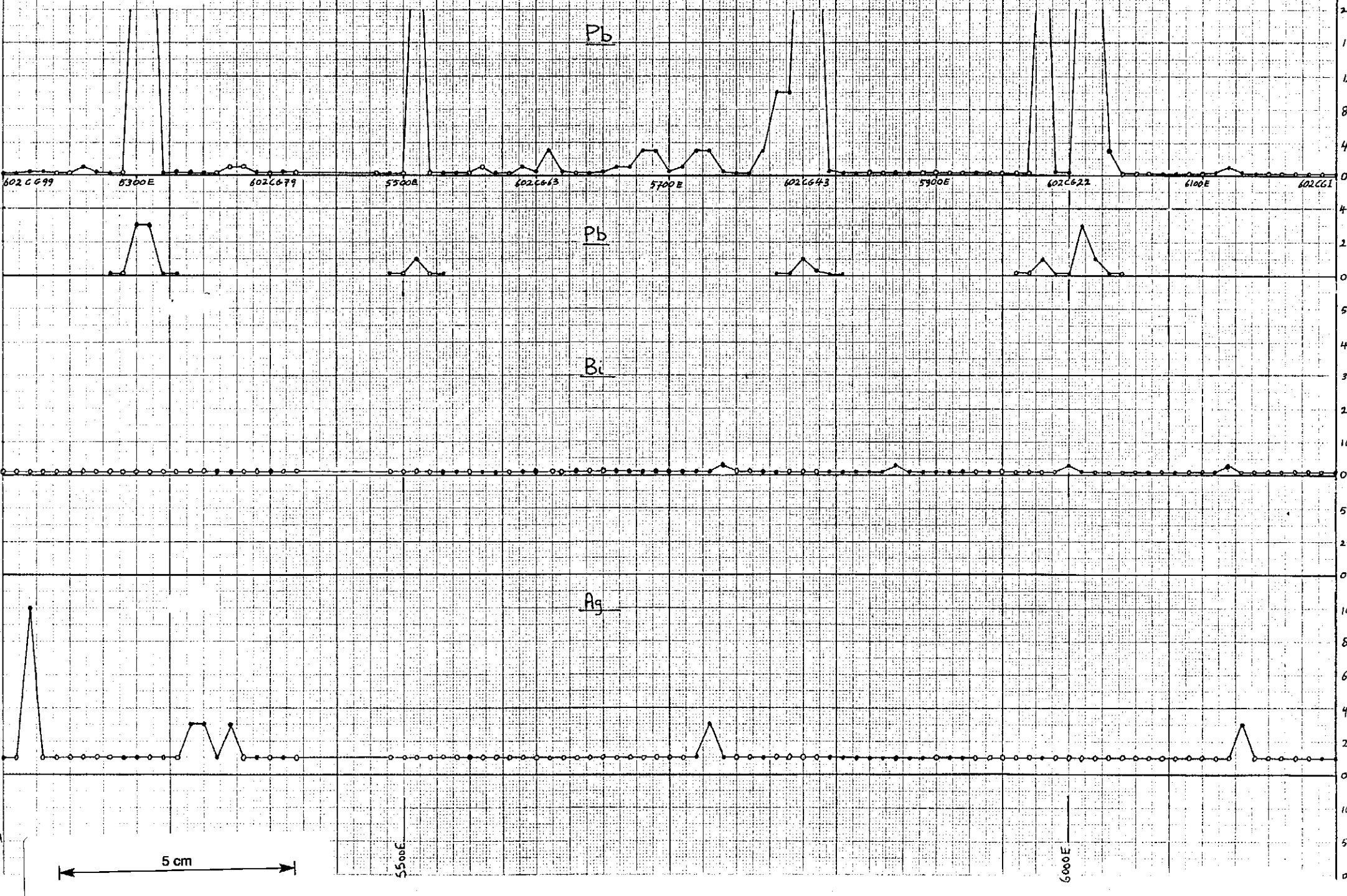
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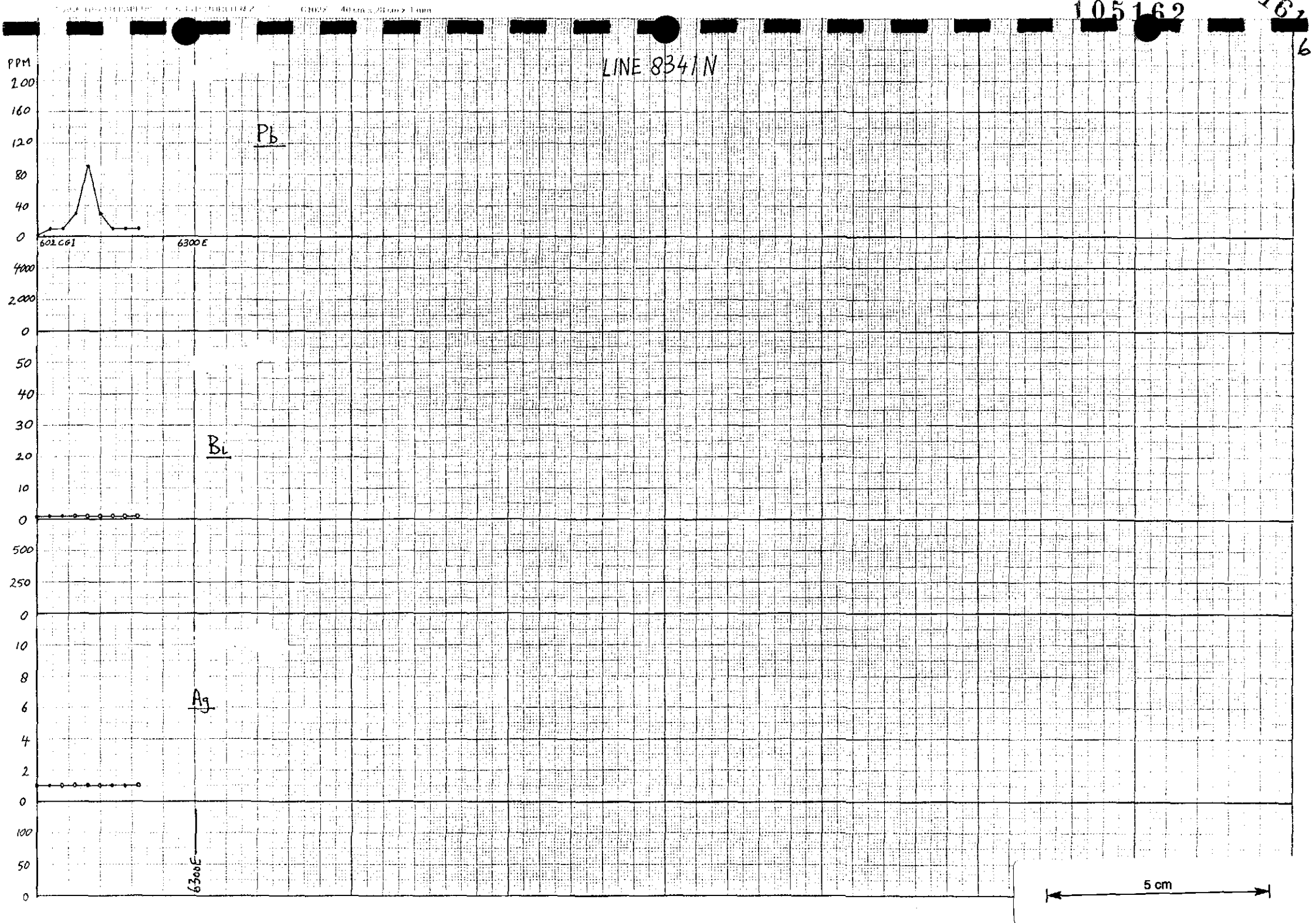
PPM

100

50

0





ppm Ni

LINE 8341N

Ni

500
400
300
200
100
0
4000
2000
0
100
80
60
40
20
0
1000
500
0
500
400
300
200
100
0
200
4000
0

ppm Co

Co

ppm Cr

Cr

602CG104

5000E

5100E

602CG99

105163

5 cm

5000E

5100E



ppm Ni

LINE 8341N

500
400
300
200
100
0
4000
2000
0
100
80
60
40
20
0
1000
500
0
500
400
300
200
100
0
5000
0

Ni

Co

Cr

602CGT

6300E

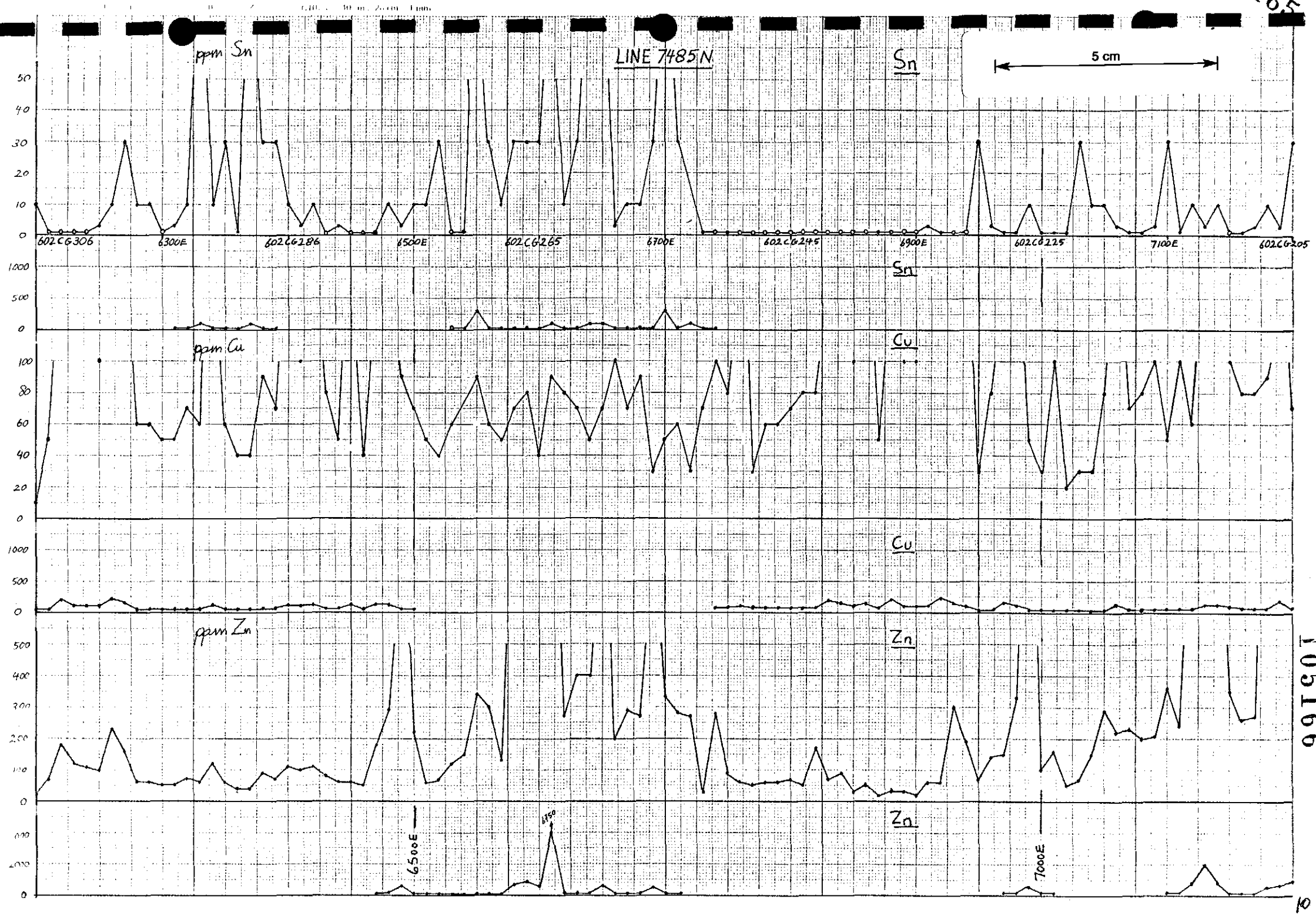
ppm Co

ppm Cr

105165

5 cm

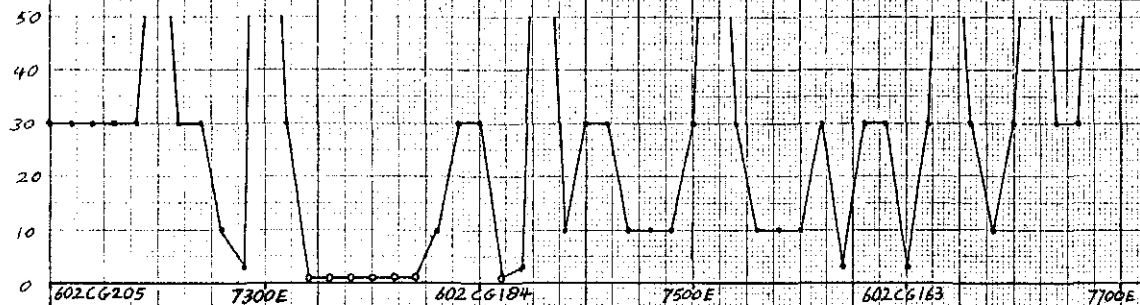
10.5



ppm Sn

LINE 7485N

Sn



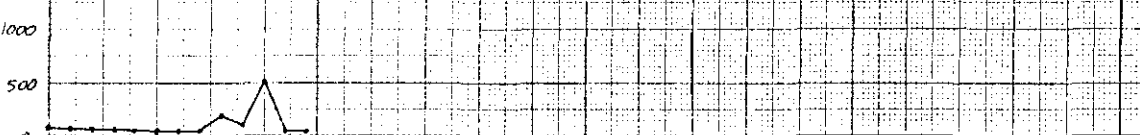
Sn



Cu

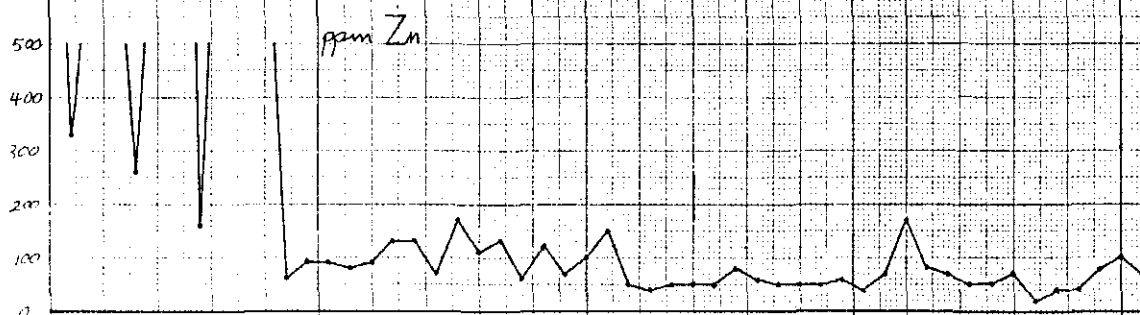


Cu

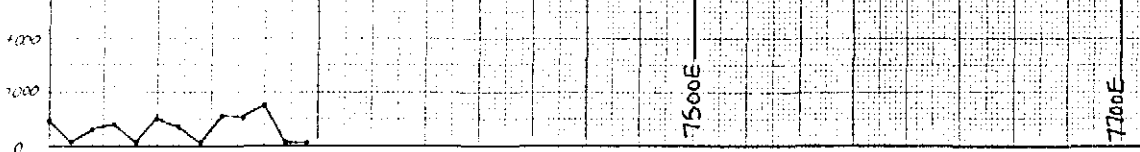


ppm Zn

Zn

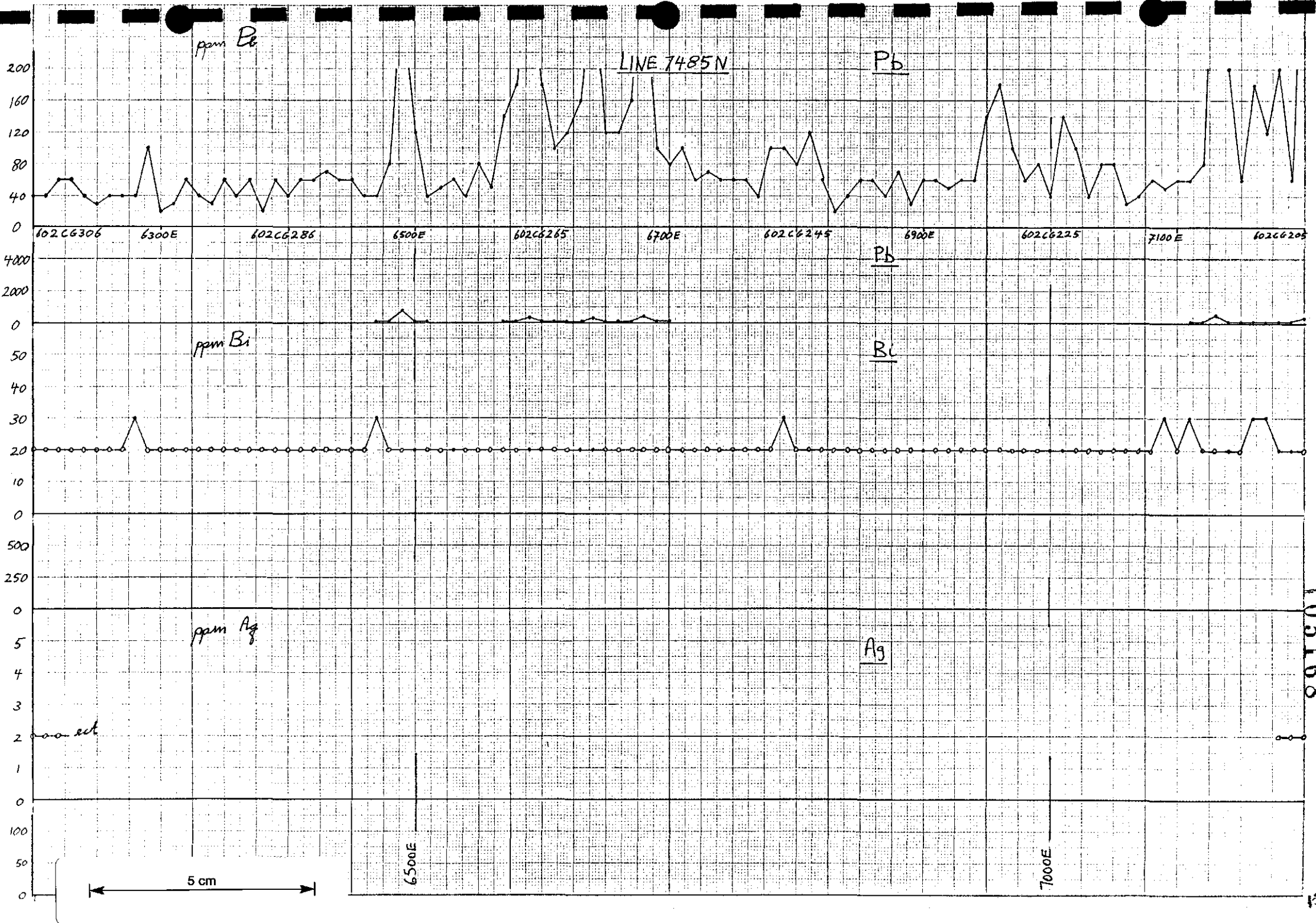


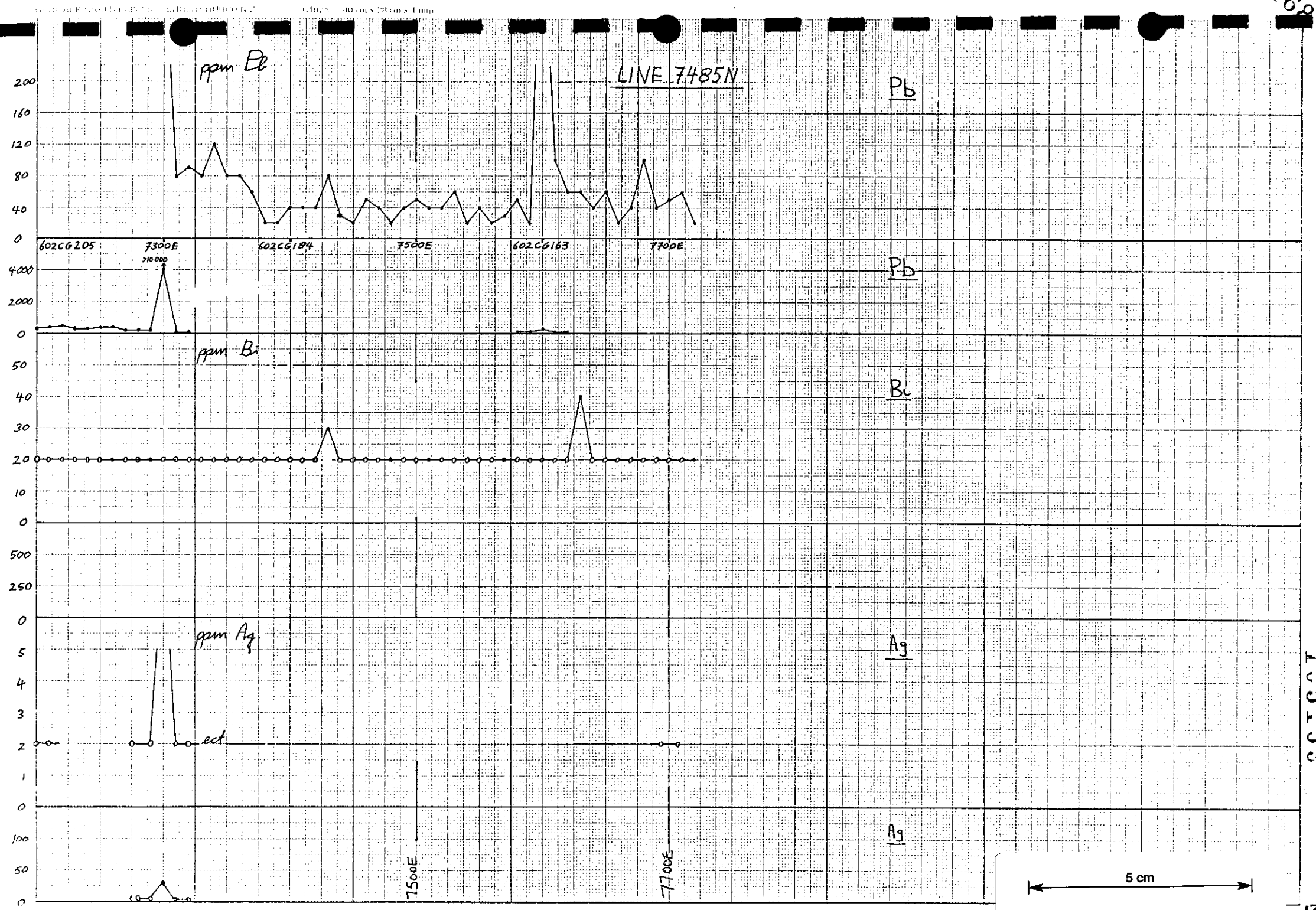
Zn



5 cm

105167

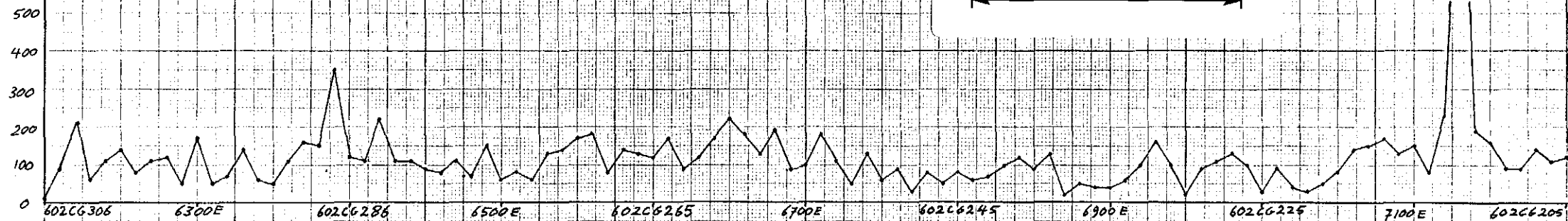




ppm Ni

LINE 7485 N

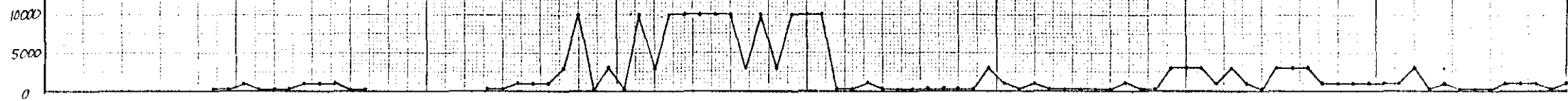
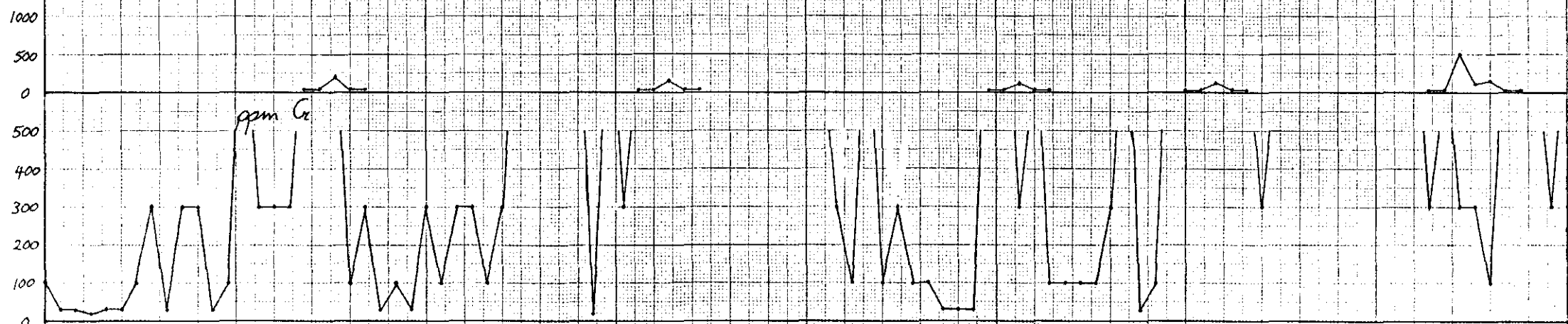
5 cm



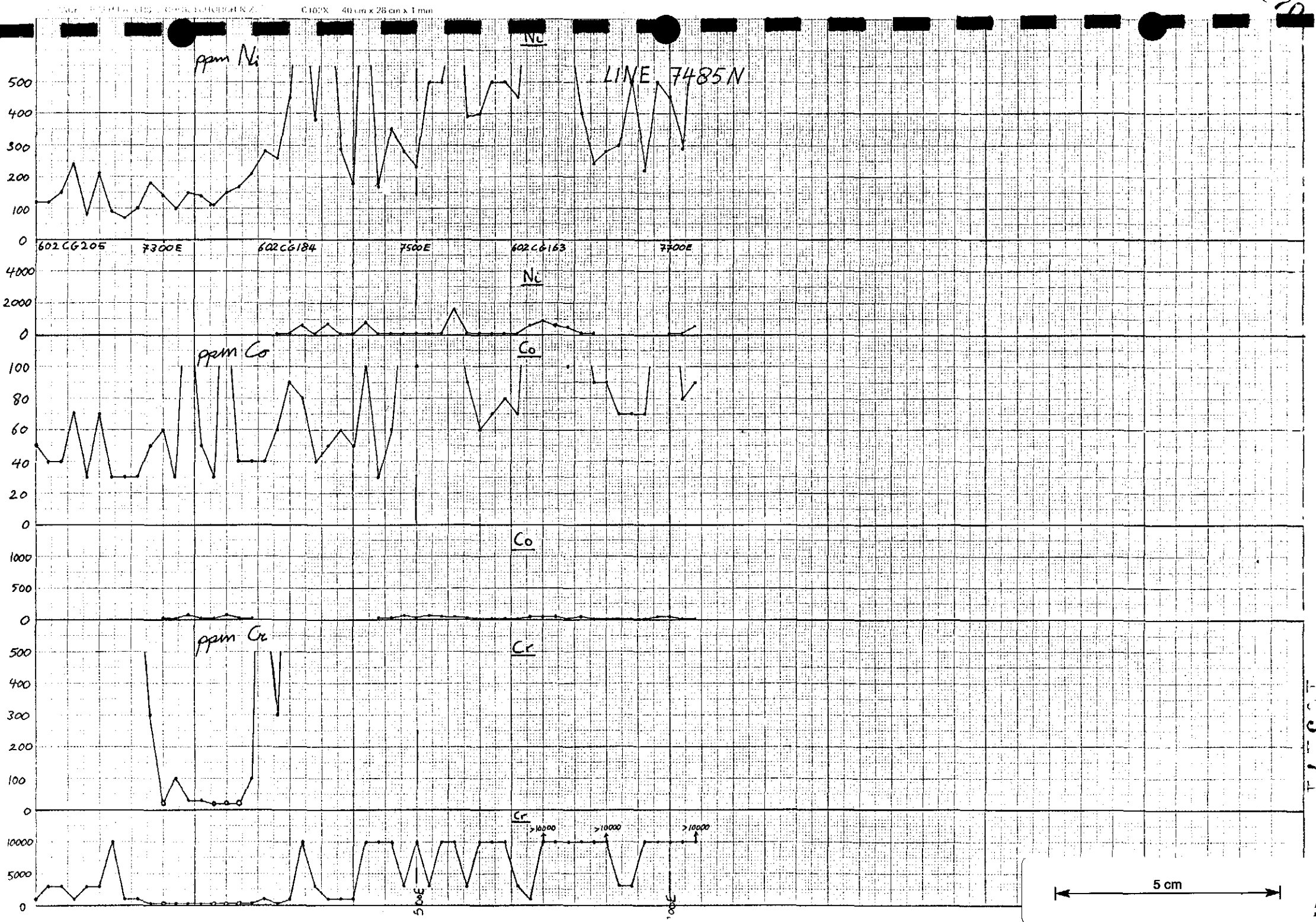
ppm Co



ppm Co

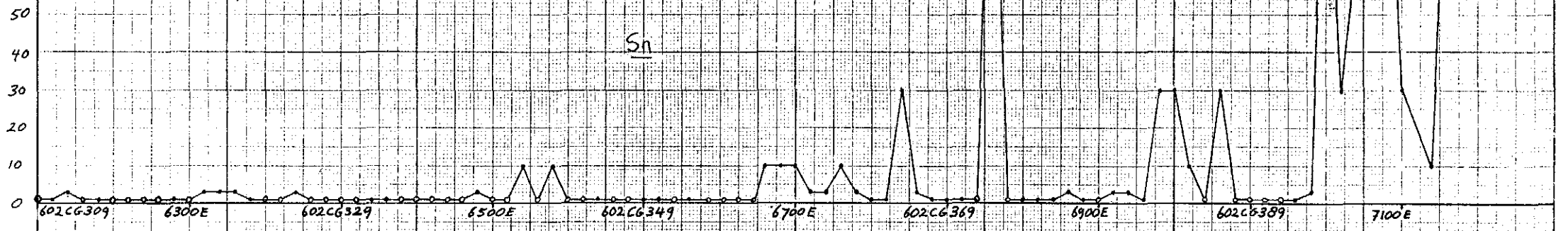


105170



ppm Sn

LINE 6750 N

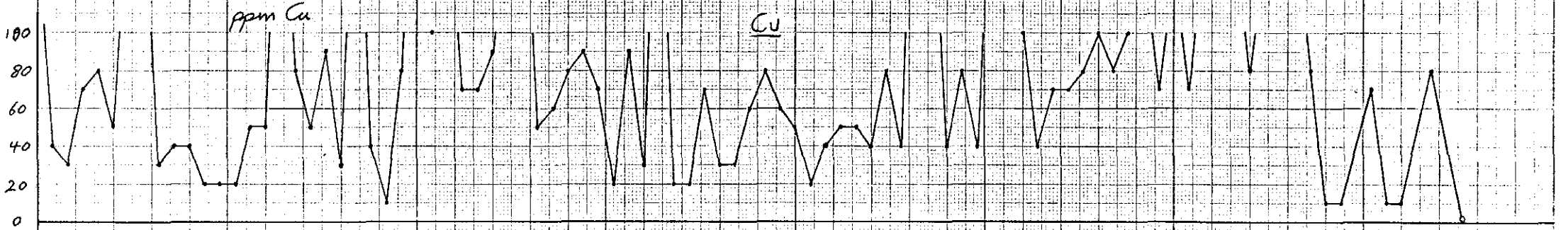


Sn

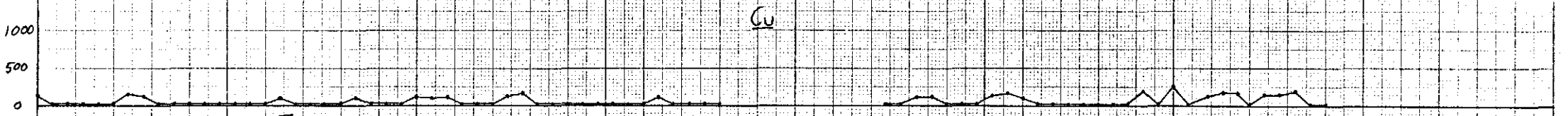


ppm Cu

Cu

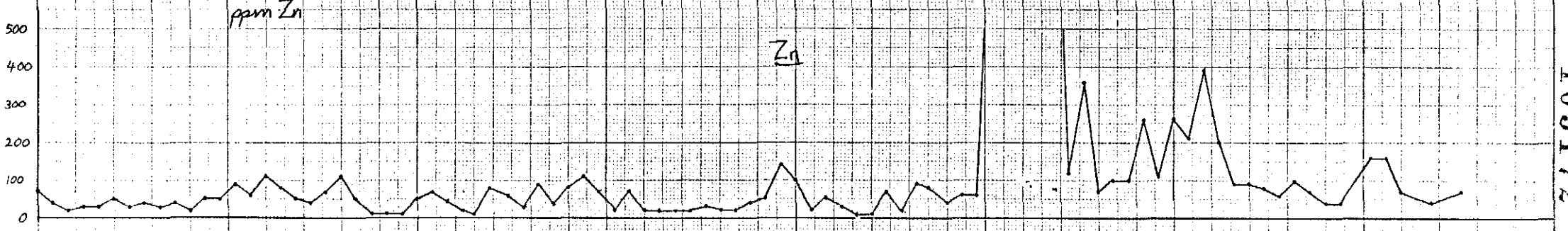


Cu

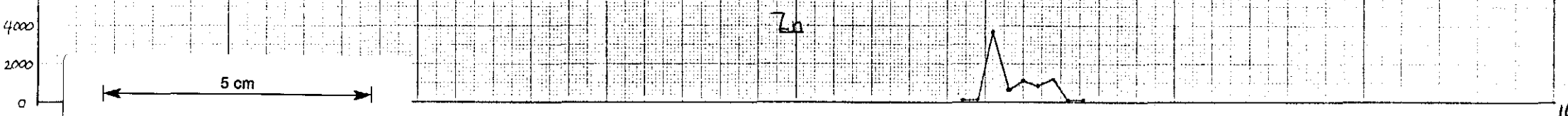


ppm Zn

Zn

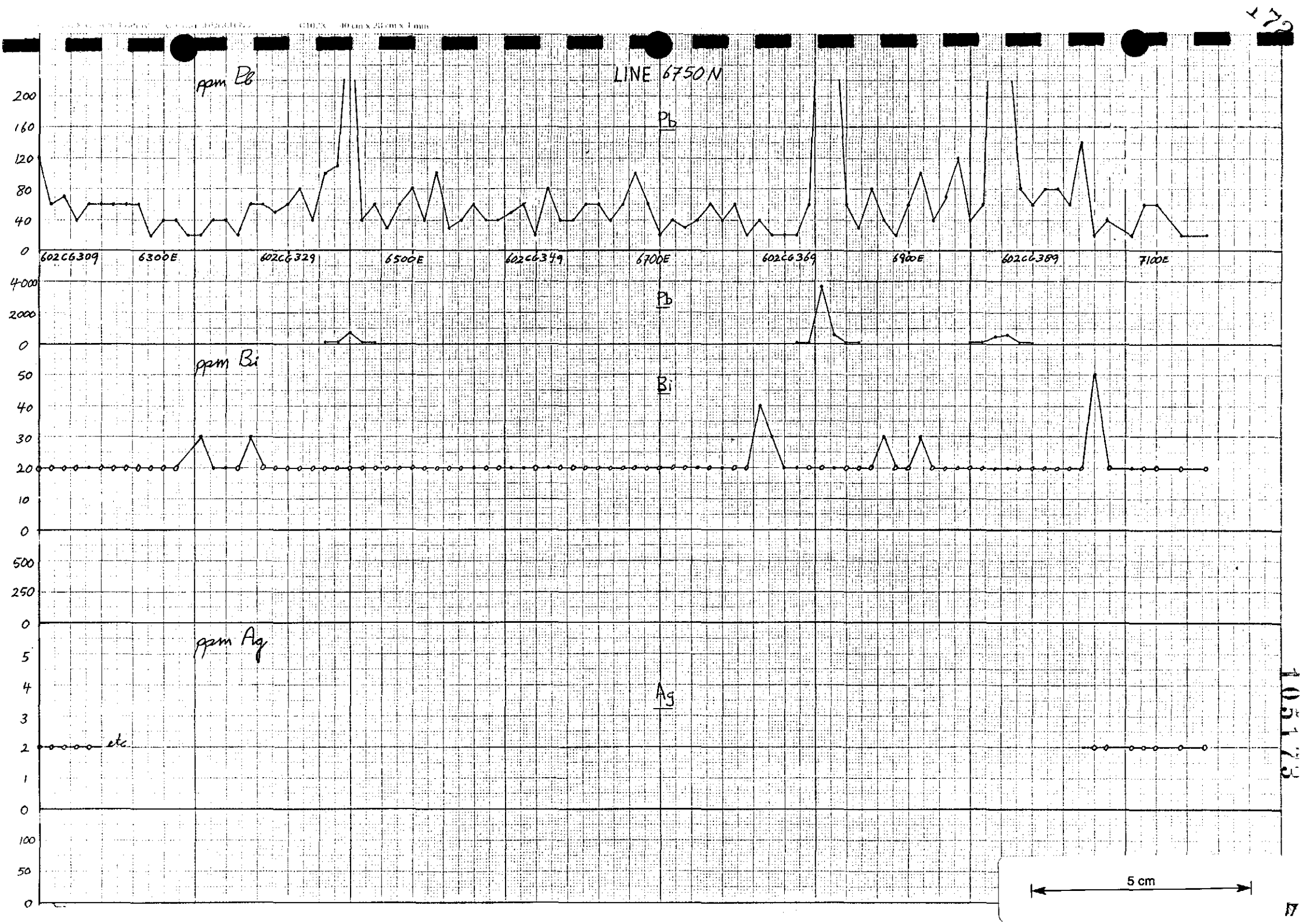


Zn



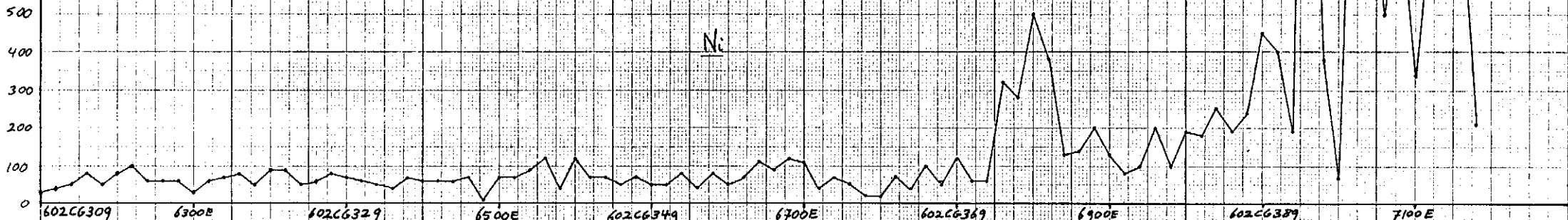
5 cm

105172

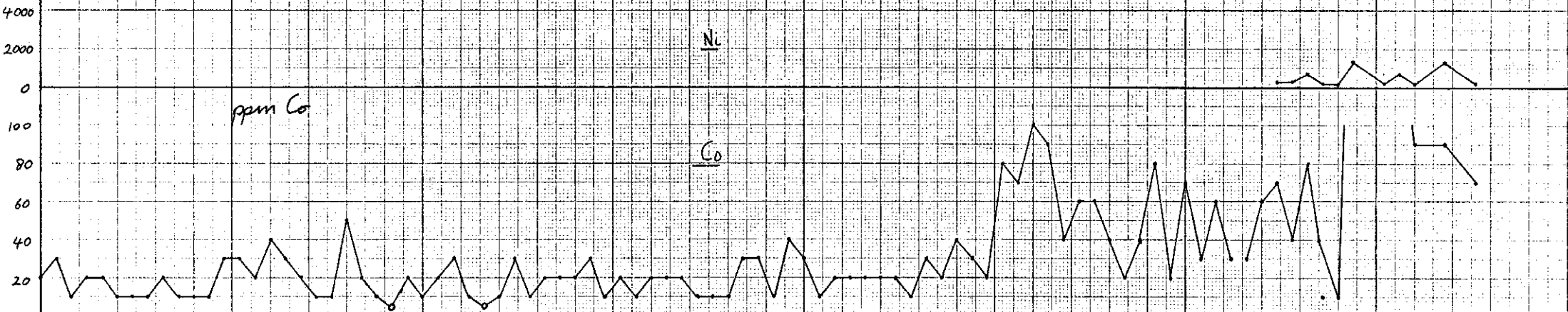


ppm Ni

LINE 6750N

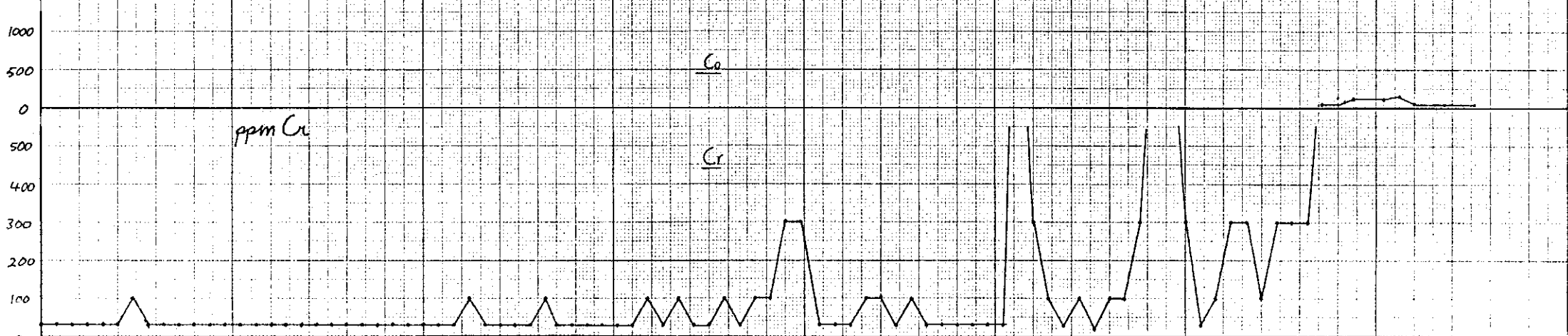


Ni



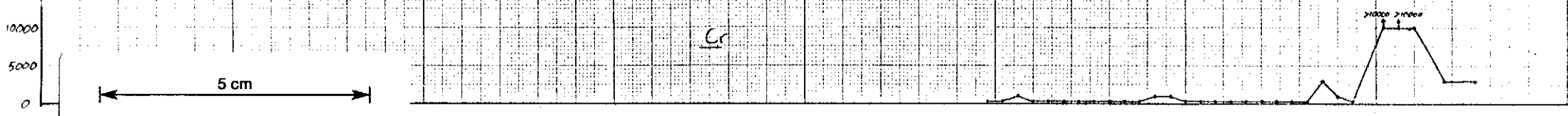
ppm Co

Co



ppm Cr

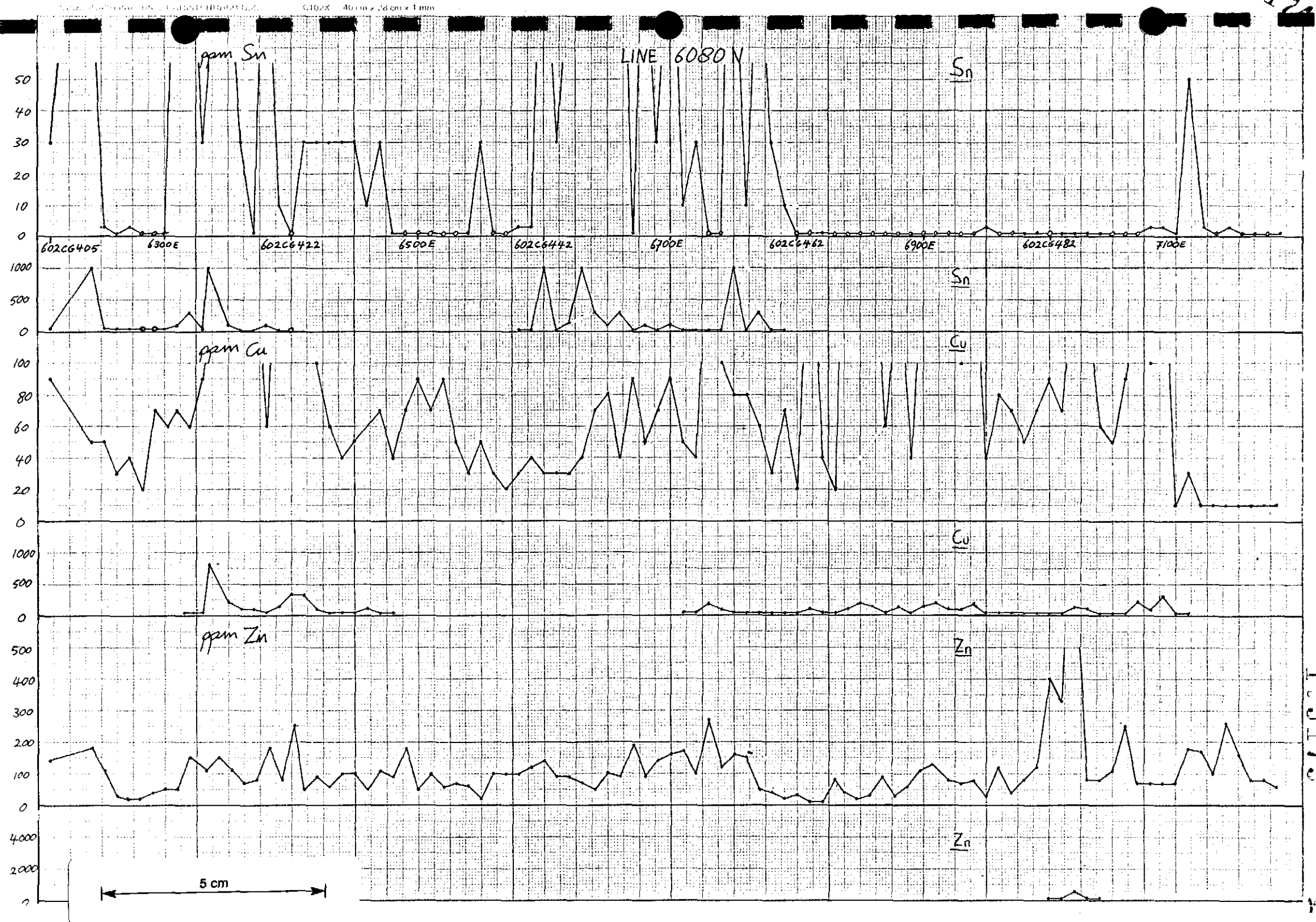
Cr

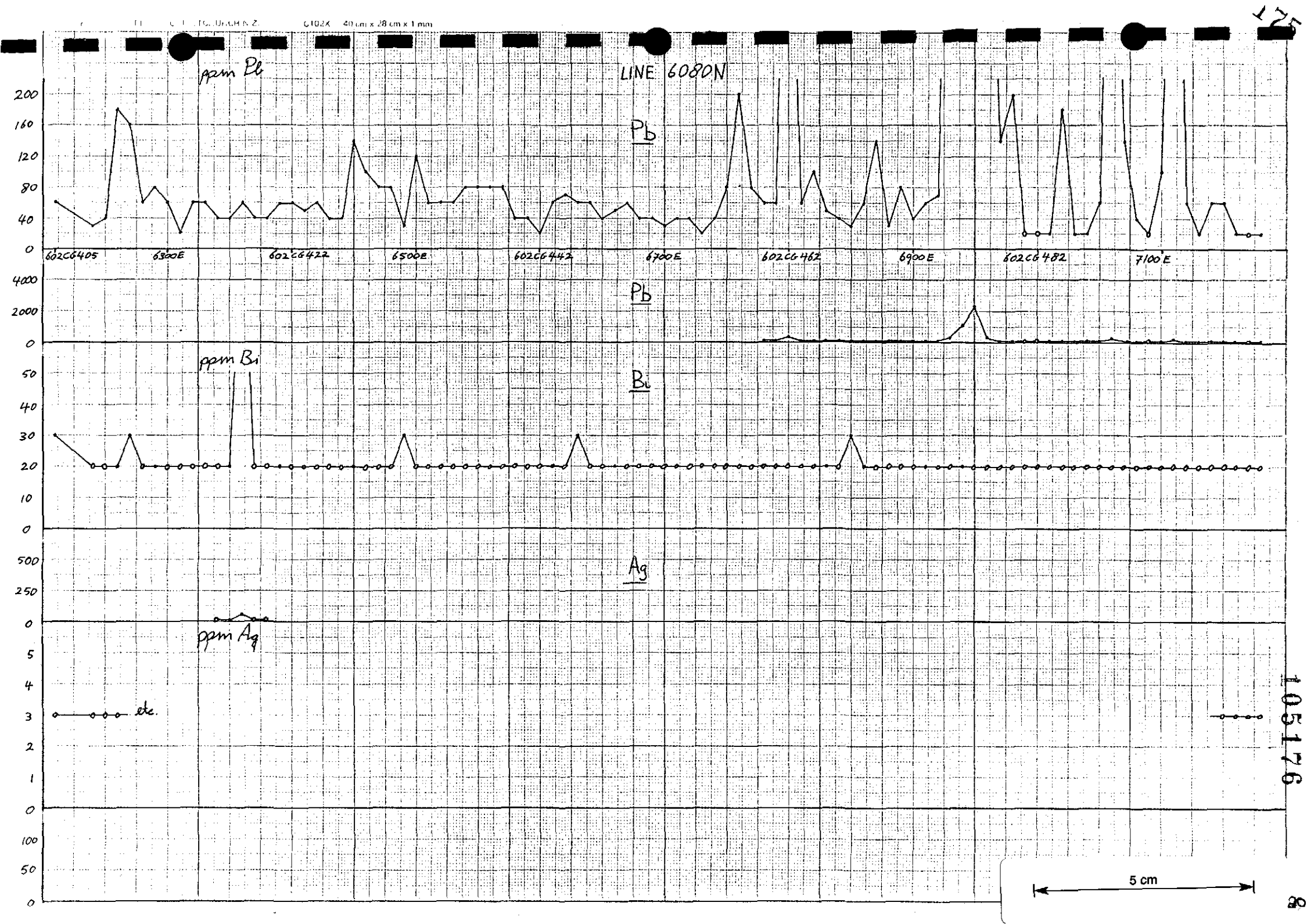


Cr

5 cm

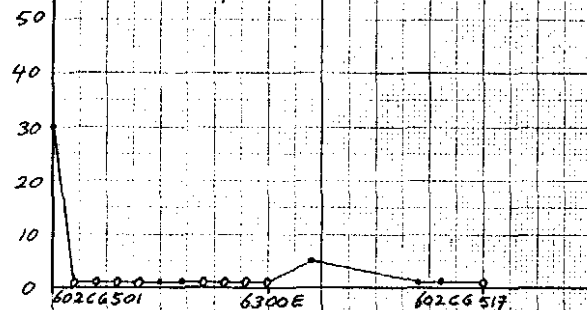
105174





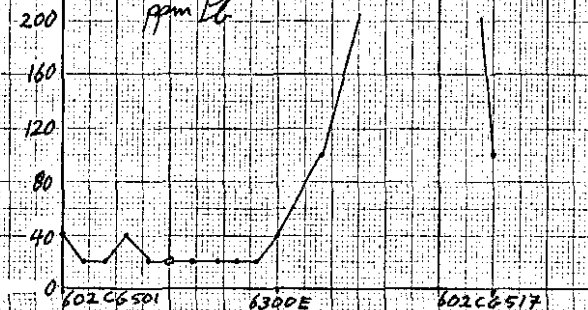


ppm Sn



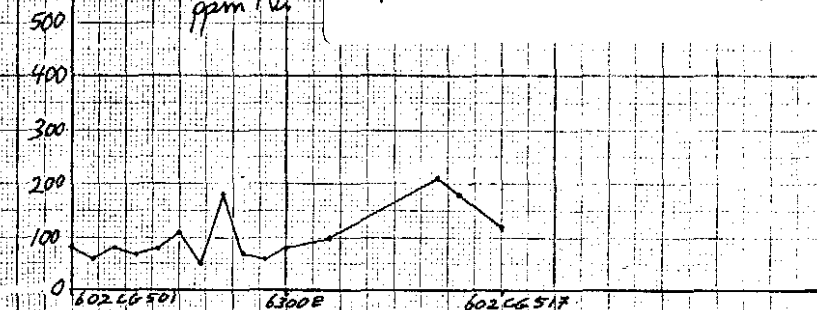
ppm Pb

LINE 5700 N

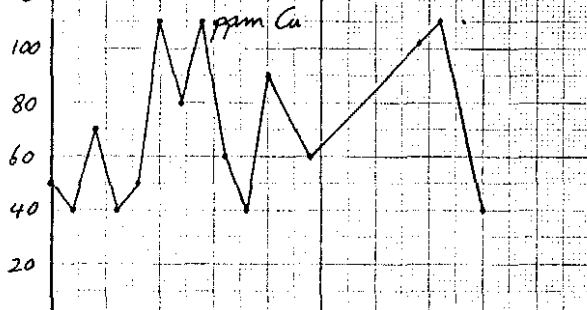


ppm Ni

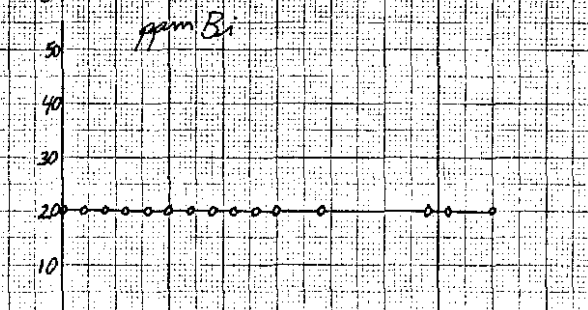
5 cm



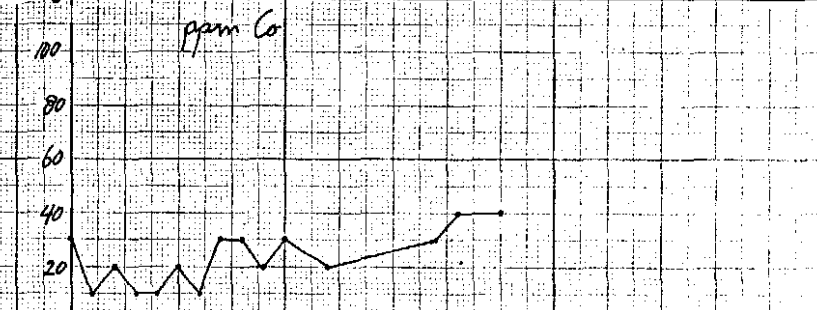
ppm Cu



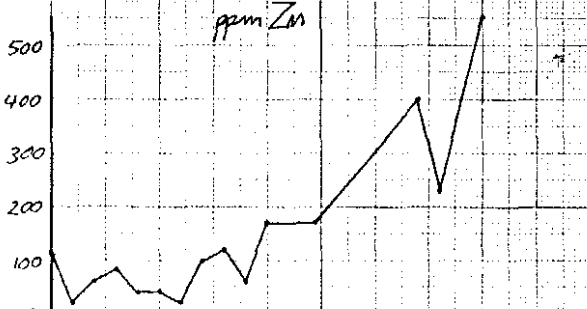
ppm Bi



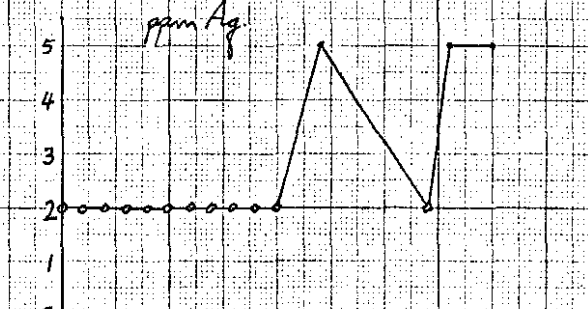
ppm Co



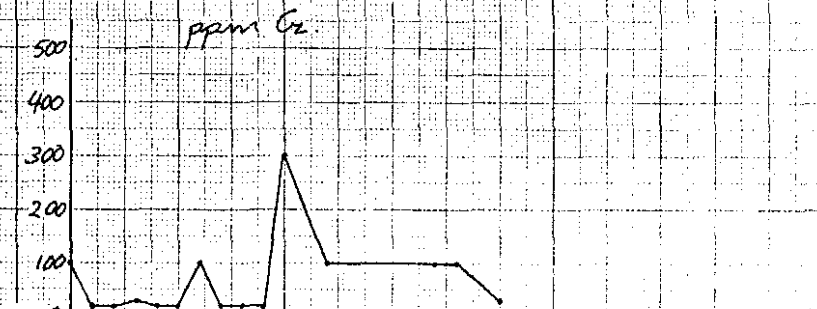
ppm Zn



ppm Ag



ppm Cr



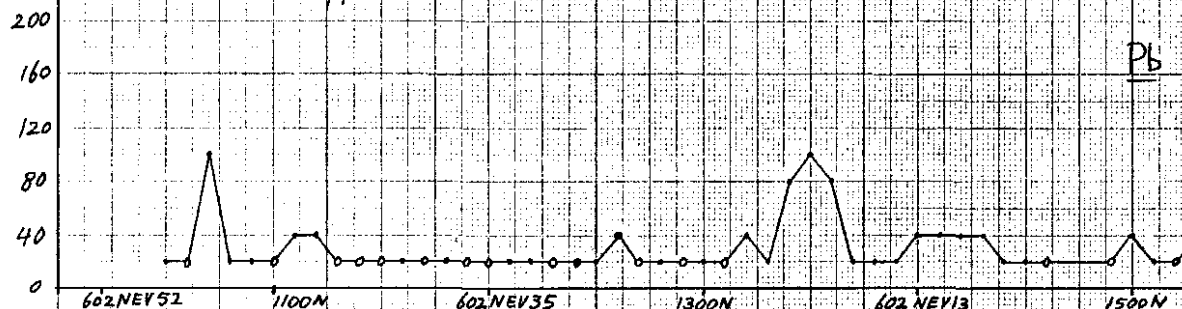


AVG 1/8

ppm Pb

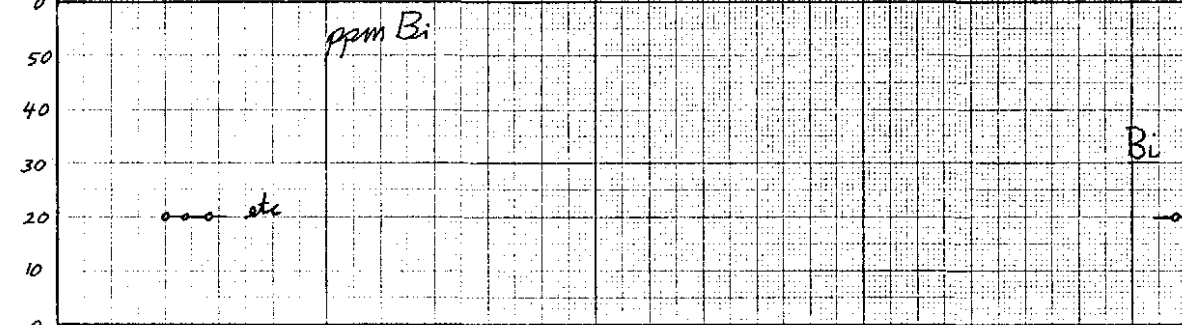
LINE NEV 1

Pb



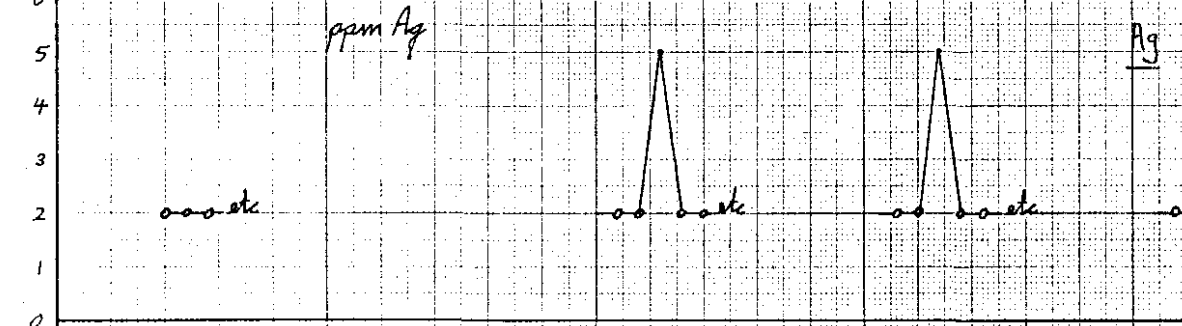
ppm Bi

Bi



ppm Ag

Ag



5 cm

105180

ppm Ni

LINE NEV 1

Ni

500
400
300
200
100
0
4000
2000
0
100
80
60
40
20
0
1000
500
0
500
400
300
200
100
0
10000
5000
0

602 NEV 52 1100N 602 NEV 35 1300N 602 NEV 13 1500N

ppm Co

Co

ppm Cr

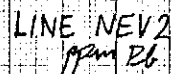
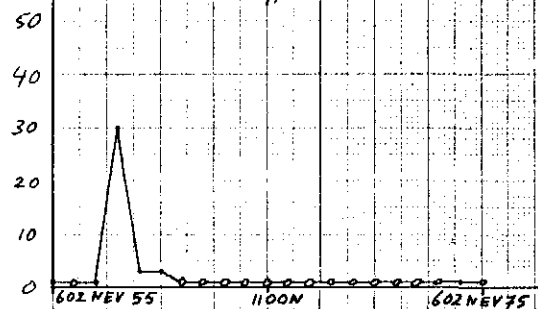
Cr

105181

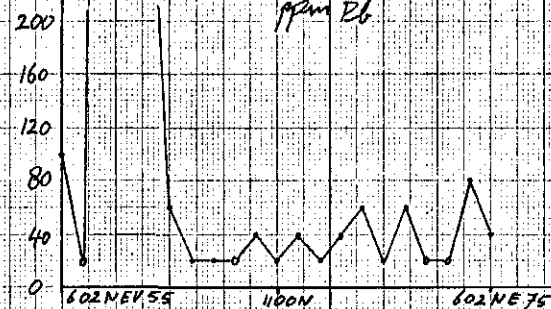
5 cm



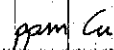
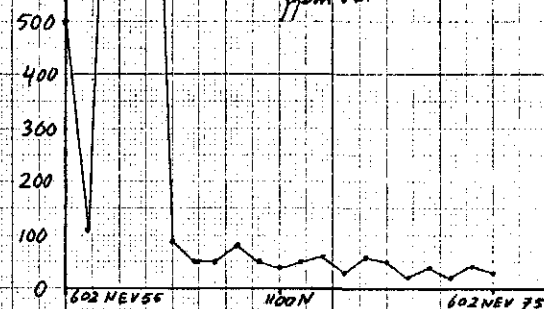
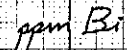
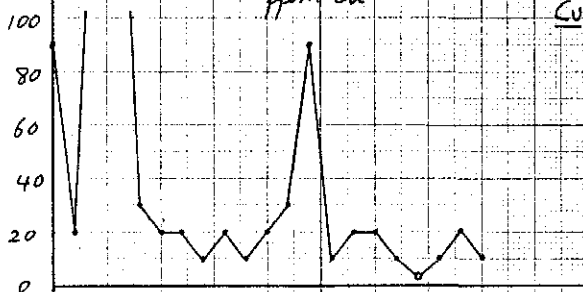
54



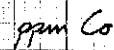
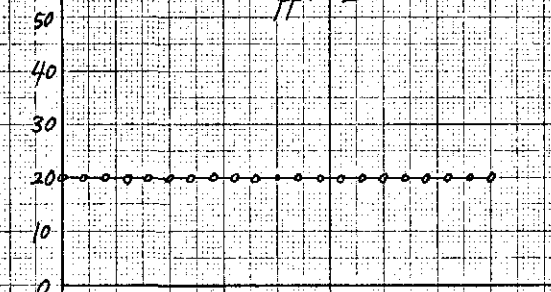
Pb



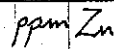
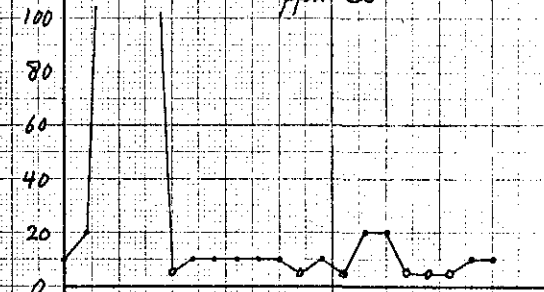
Ni

Cv

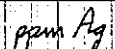
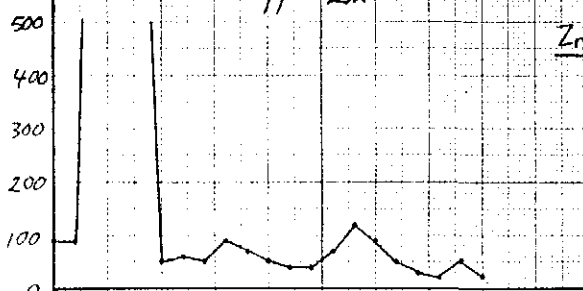
Bi



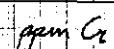
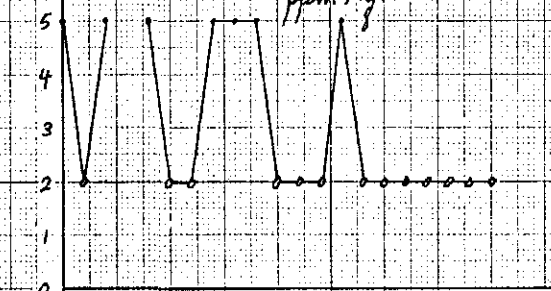
6



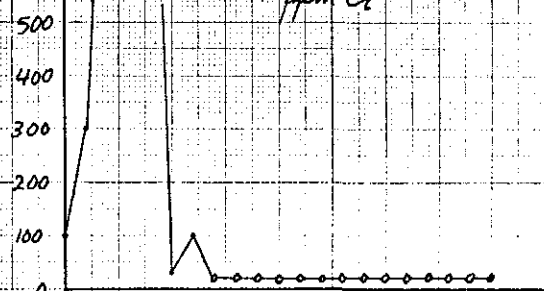
Zr



A.



Cr



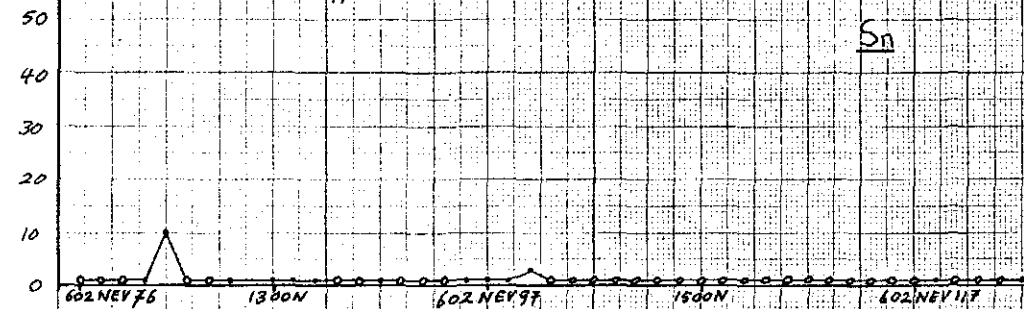
5 cm

105182

ppm Sn

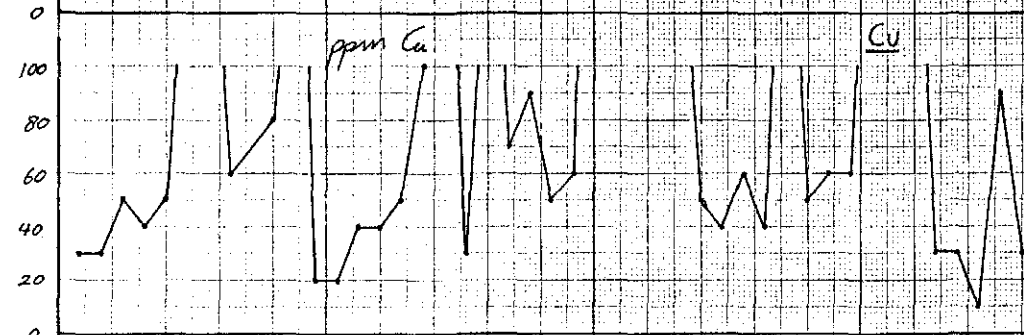
LINE NEV3

Sn



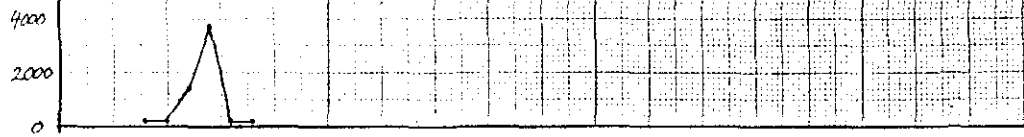
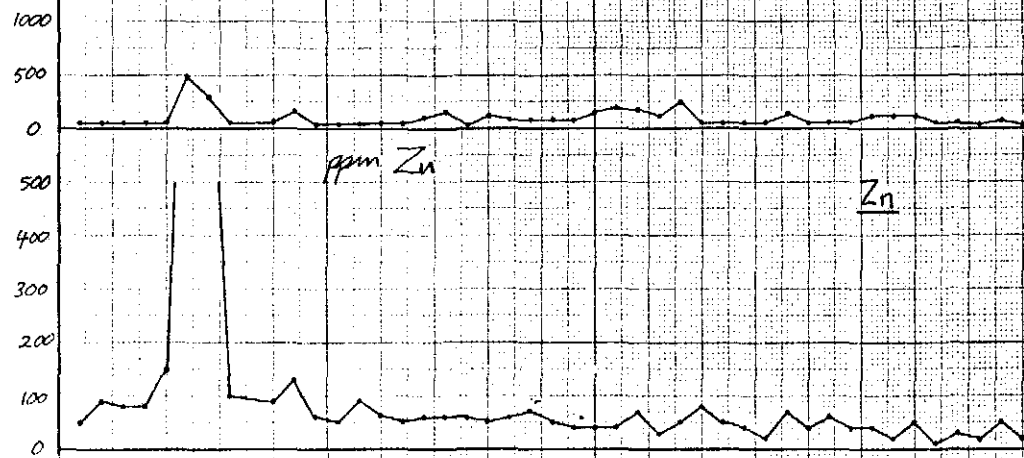
ppm Cu

Cu



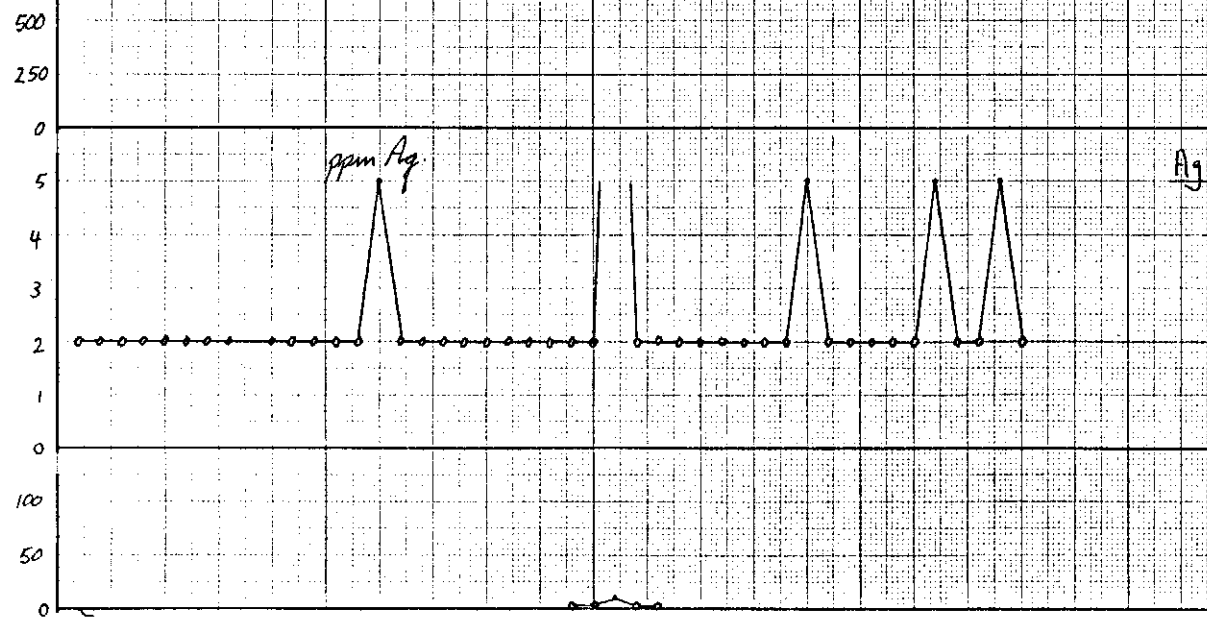
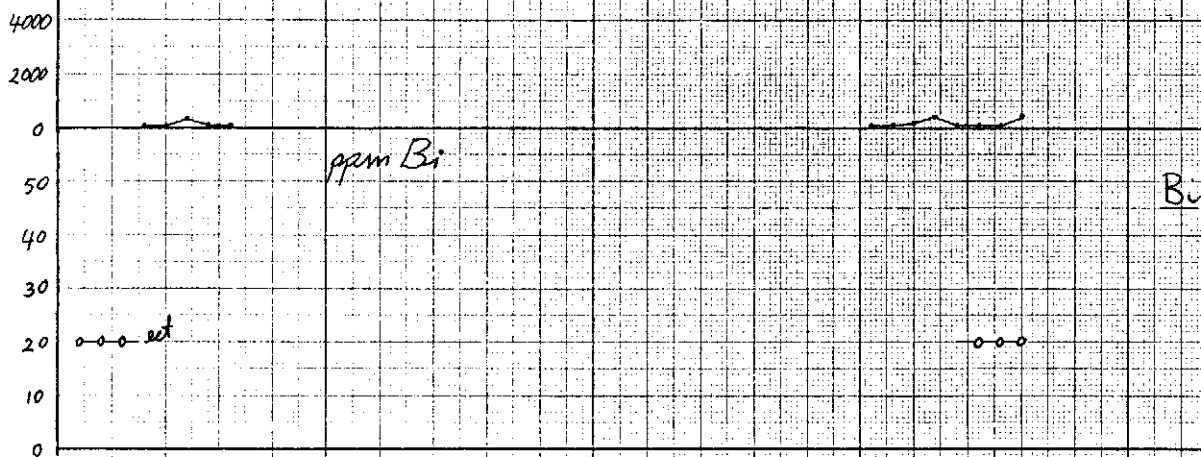
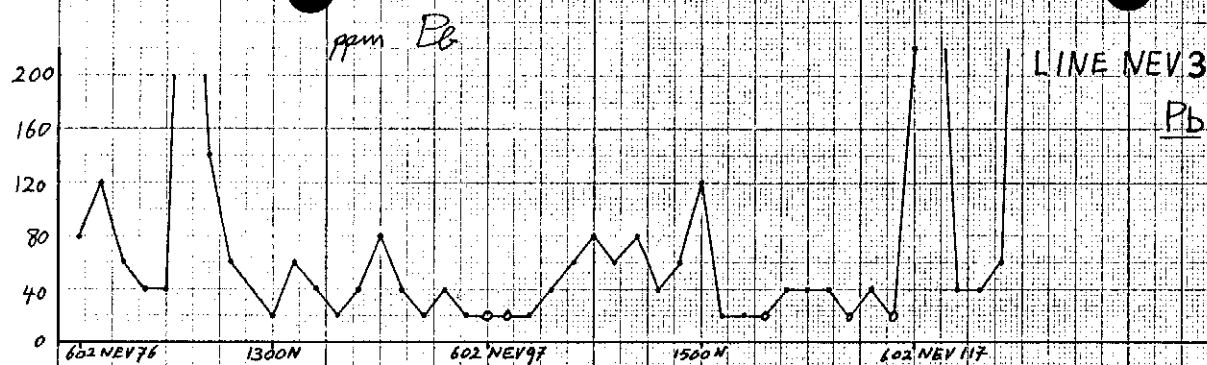
ppm Zn

Zn



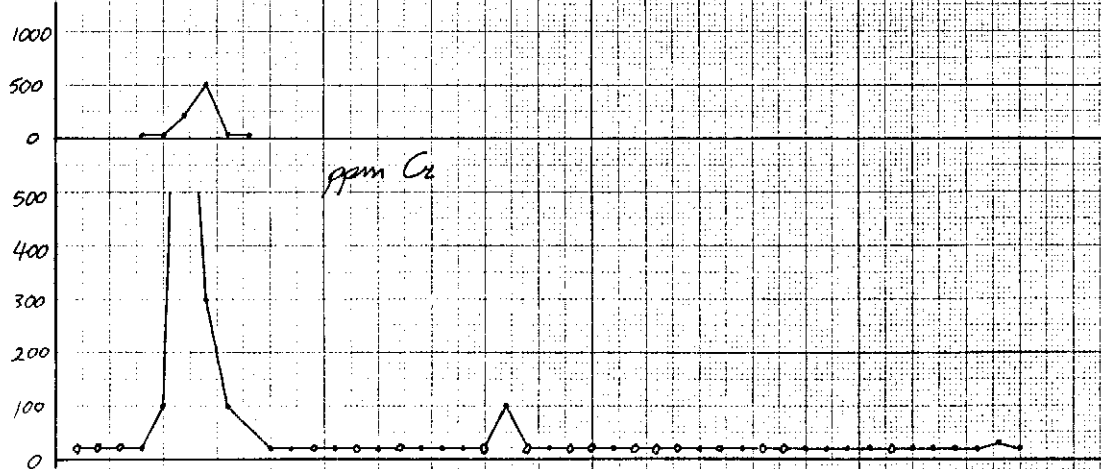
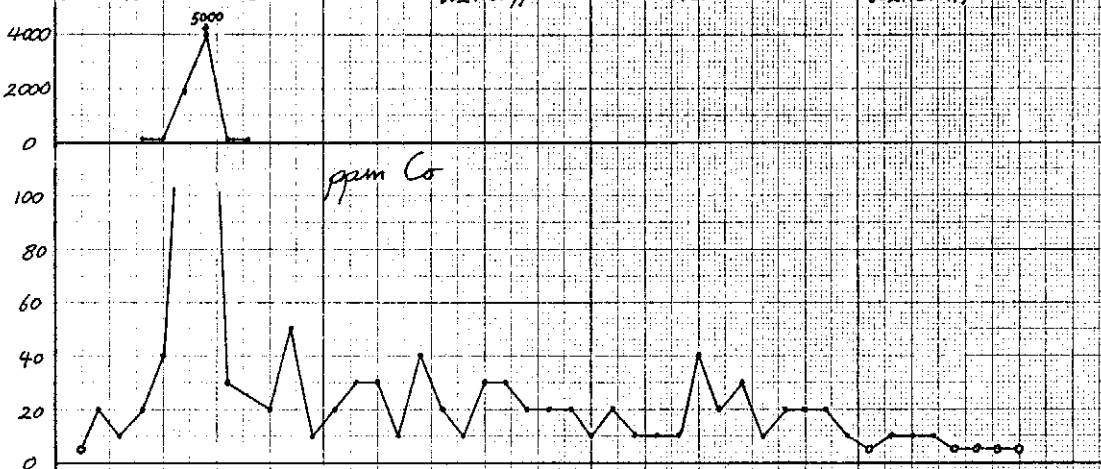
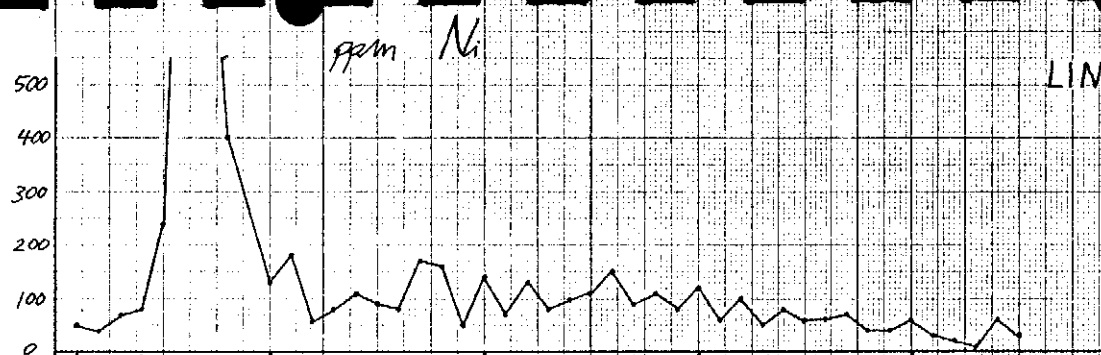
5 cm

105183



5 cm

105184



Ni

Ni

Co

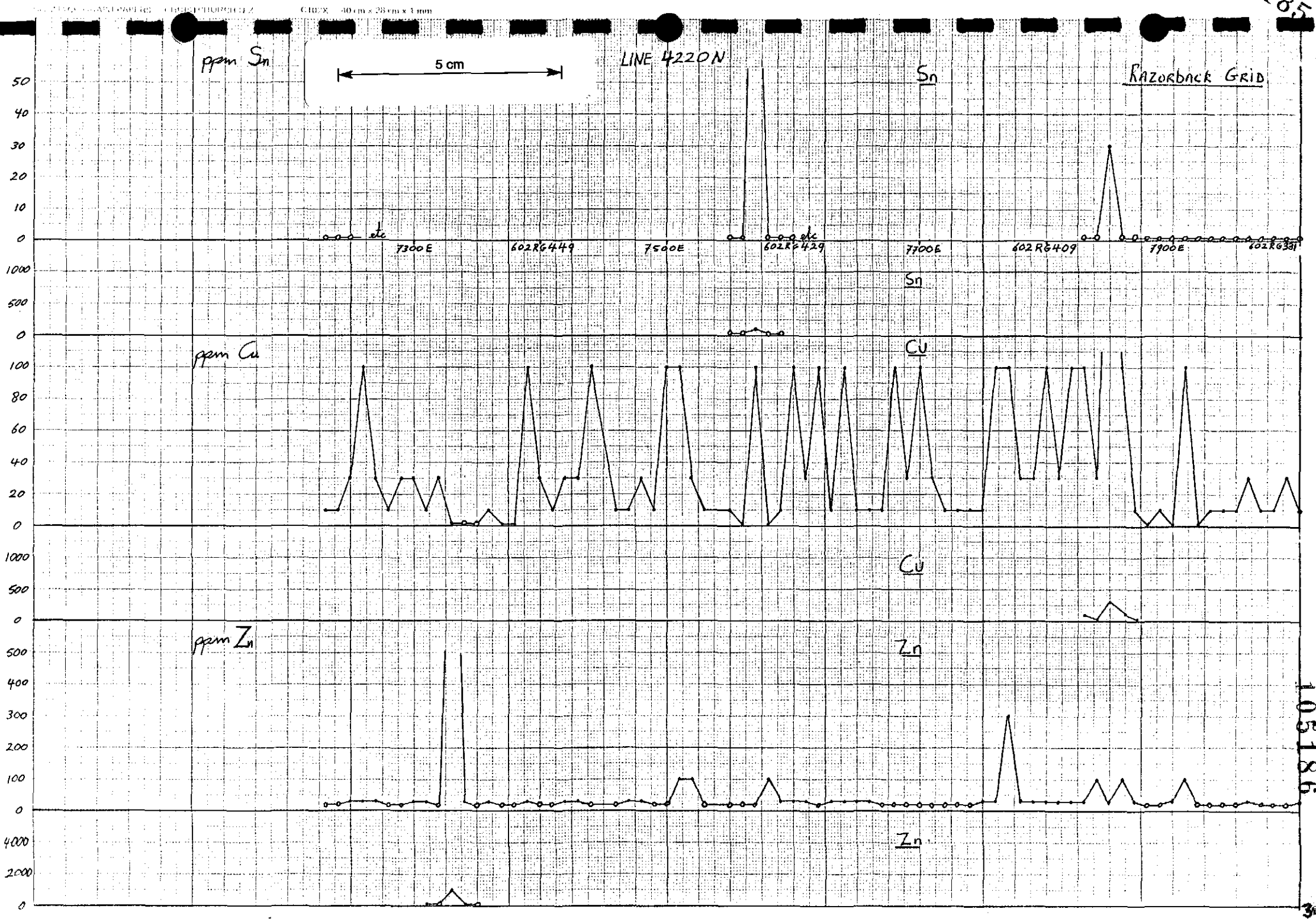
Co

Cu

Cr

5 cm

102103

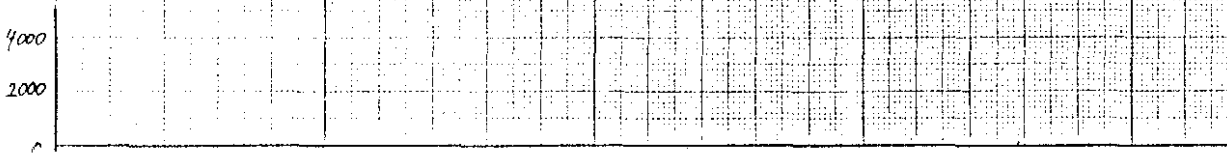
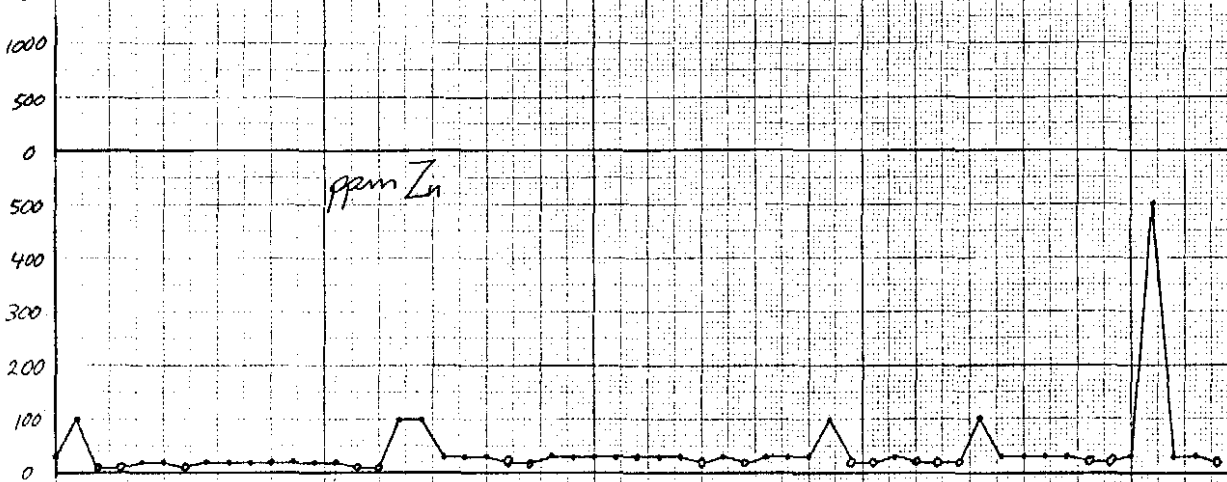
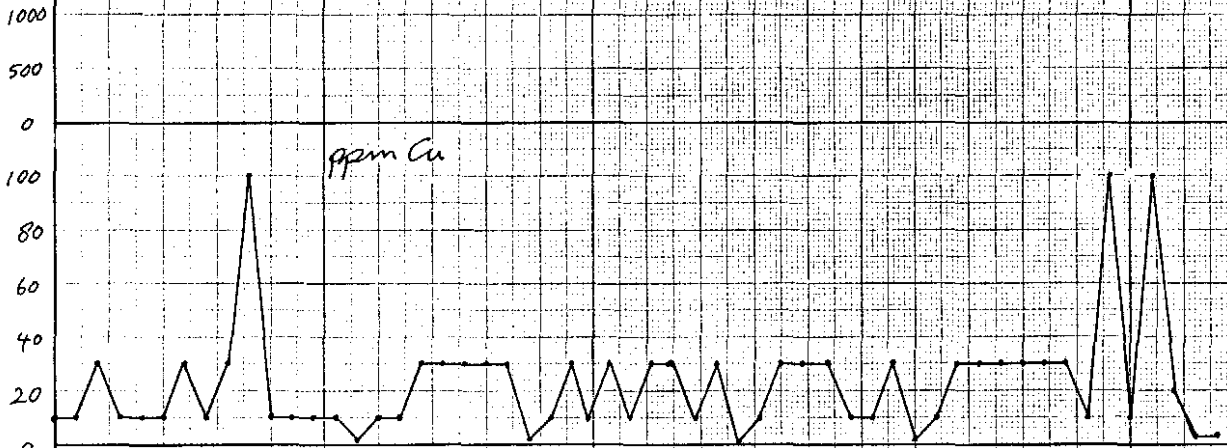
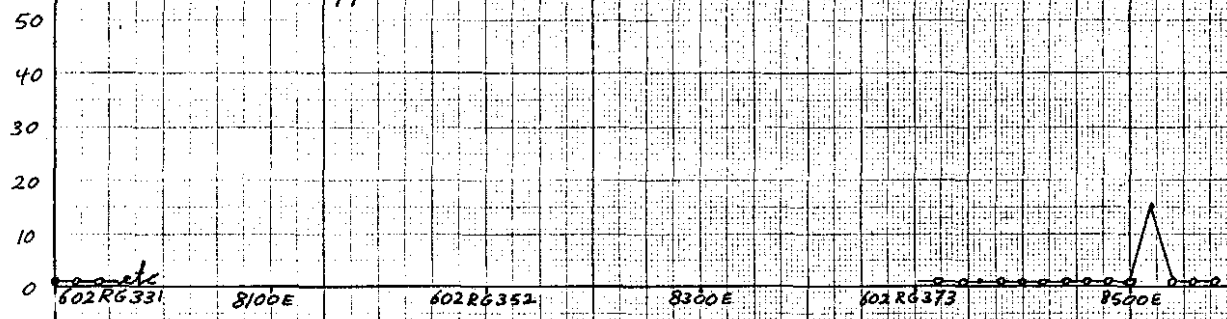


ppm Sn

LINE 4220N

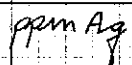
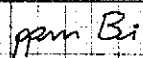
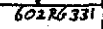
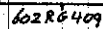
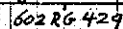
Sn

RAZORBACK GRID

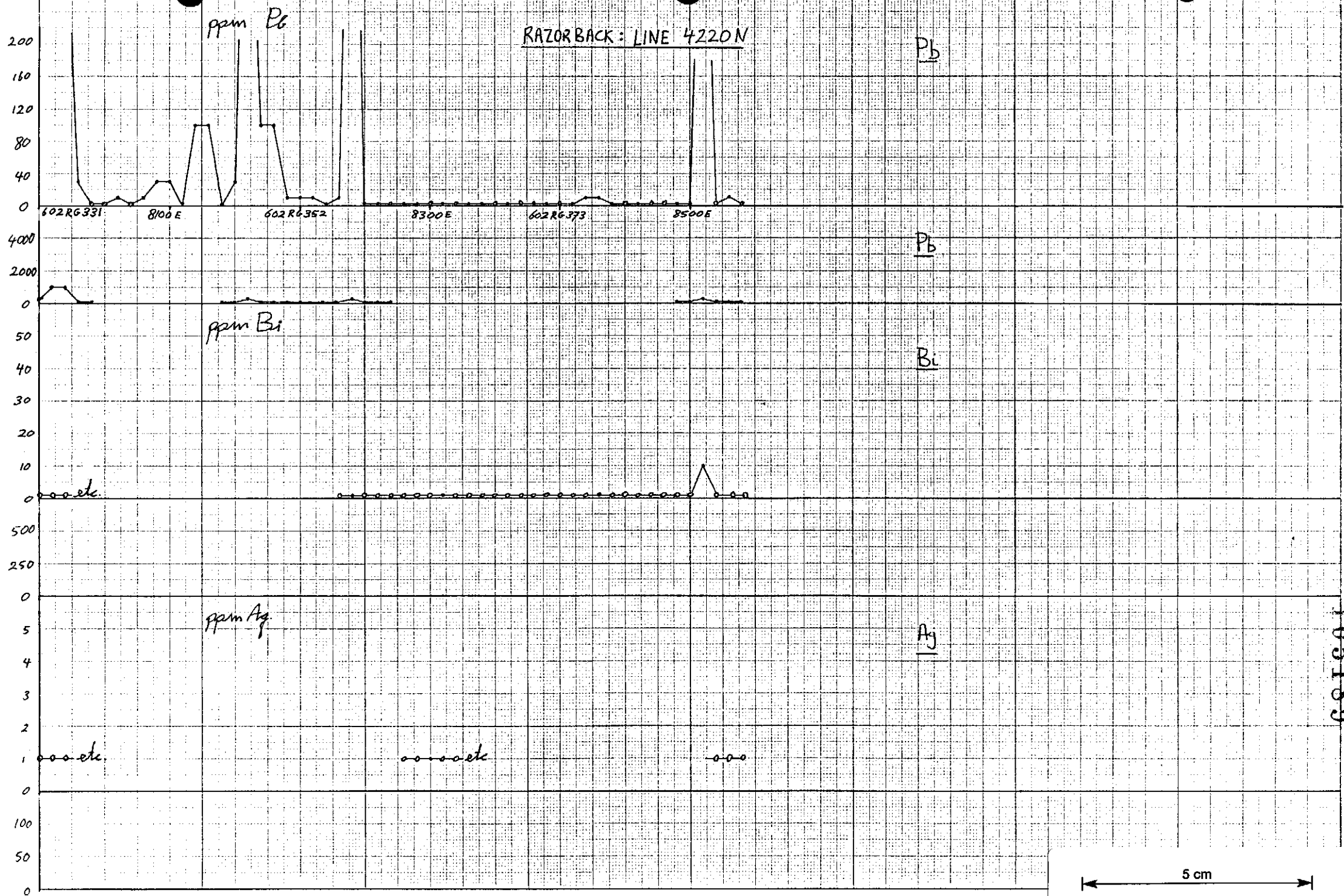


5 cm

105187



5 cm



ppm Ni

RAZORBACK: LINE 42.20N

5 cm

Ni

500

400

300

200

100

0

4000

2000

0

100

80

60

40

20

0

1000

500

0

500

400

300

200

100

0

10000

5000

0

ppm Co

Co

ppm Cr

Cr

Cr

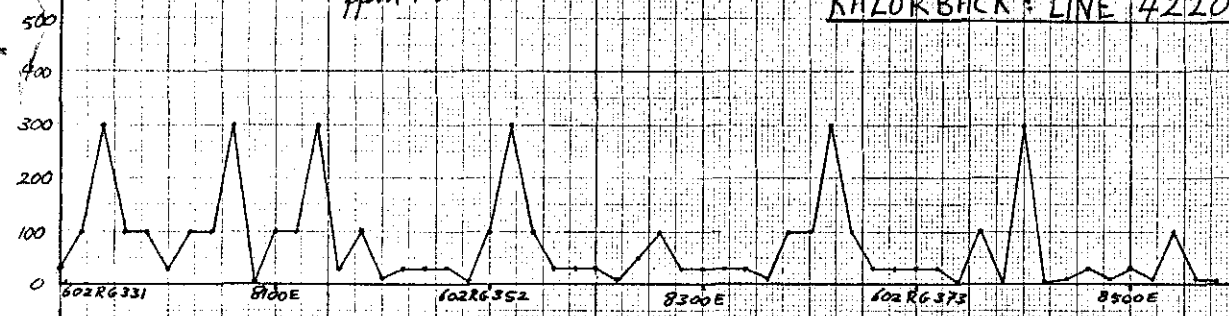
105190

ppm Ni

RAZORBACK: LINE 4220 N

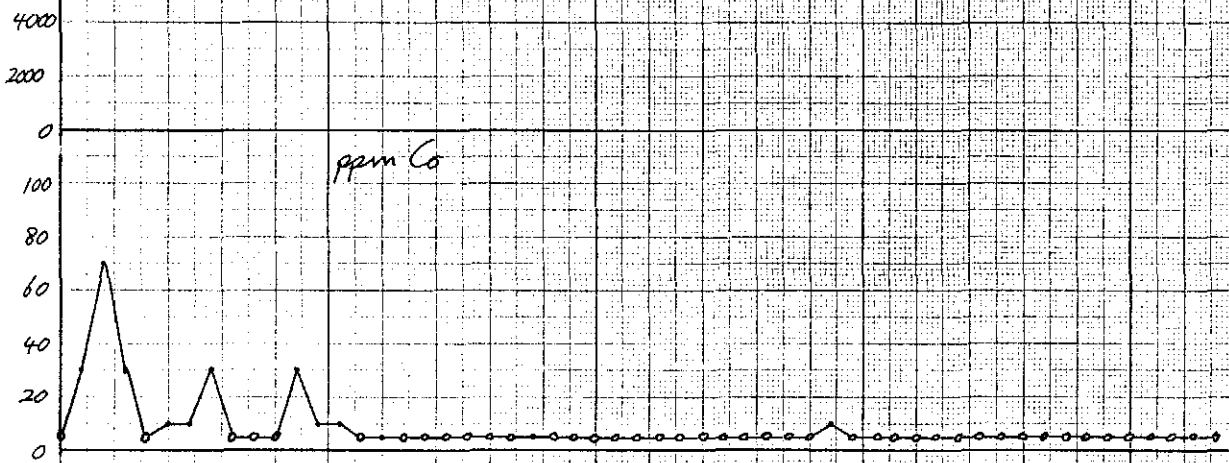
Ni

5 cm



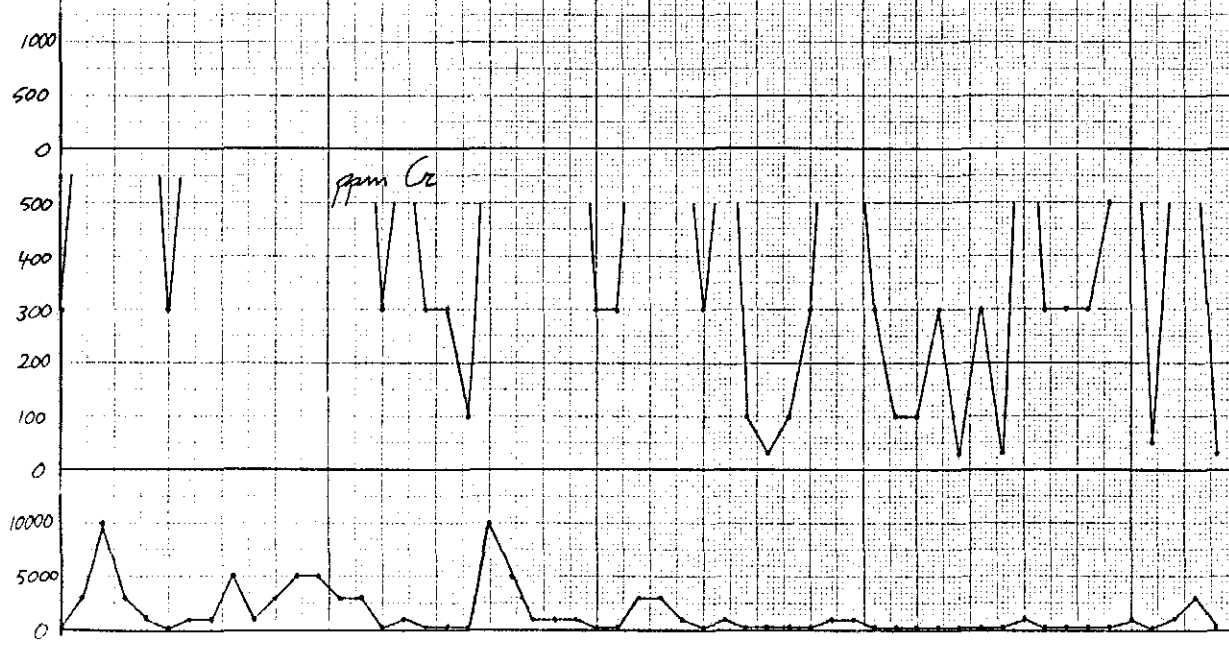
ppm Co

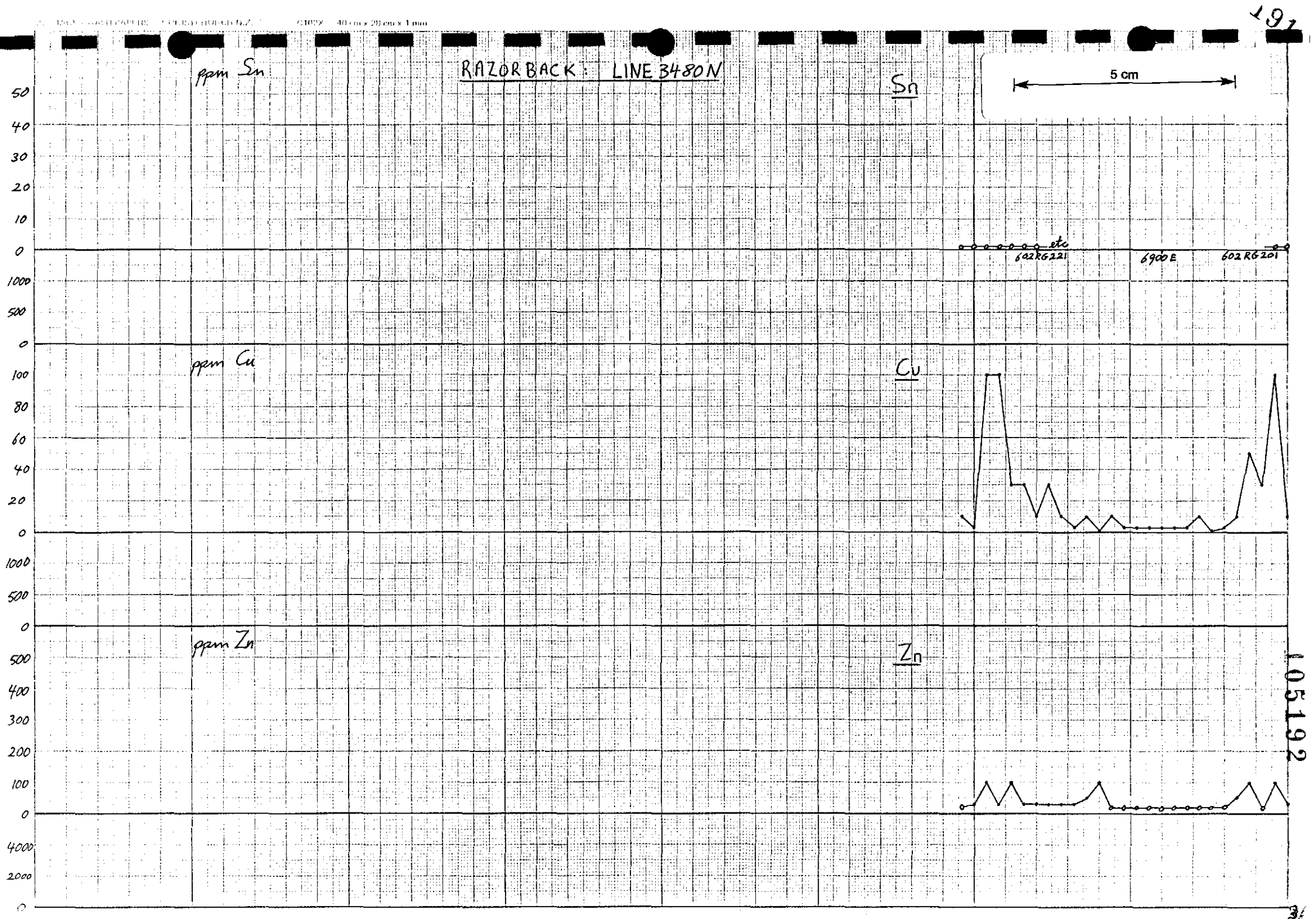
Co



ppm Cr

Cr





ppm Sn

5 cm

LINE 3480N

Sn

602RG201 7100E 602RG181 7300E 602RG161 7500E 602RG141 7700E 602RG120 7900E 602RG99

ppm Cu

Cu

ppm Zn

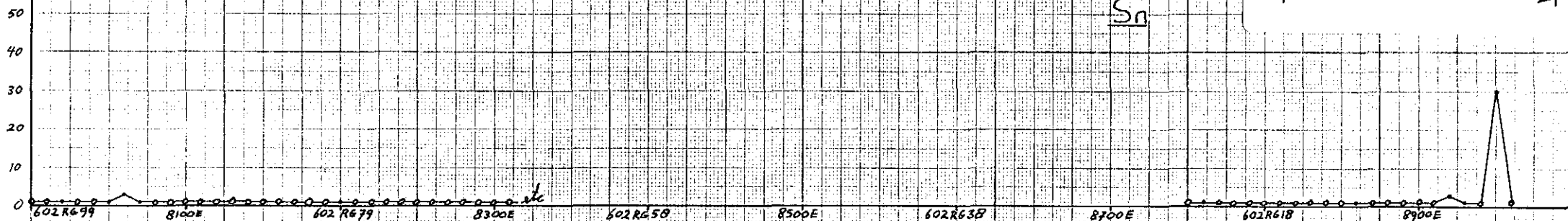
Zn

ppm Sn

LINE 3480 N

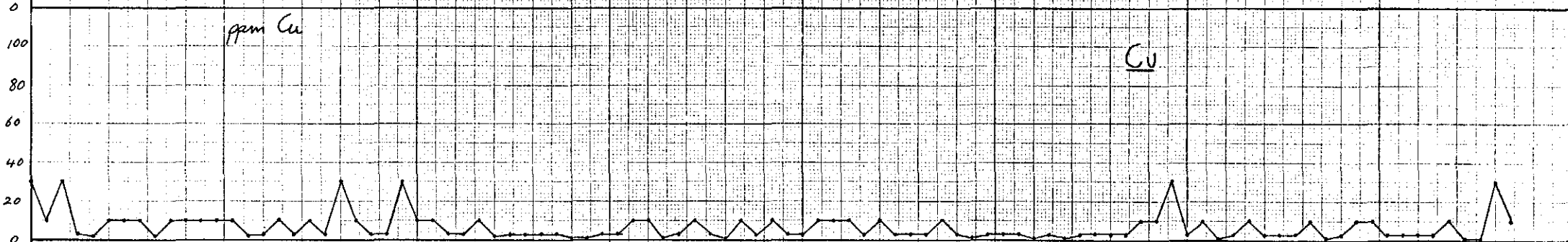
Sn

5 cm



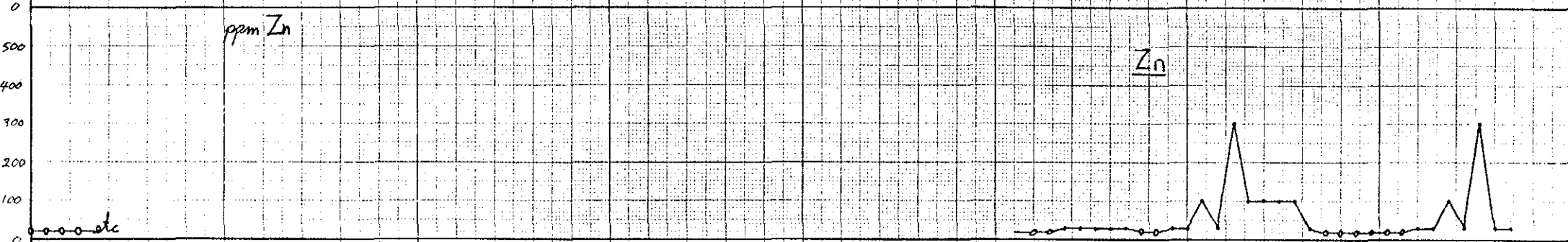
ppm Cu

Cu

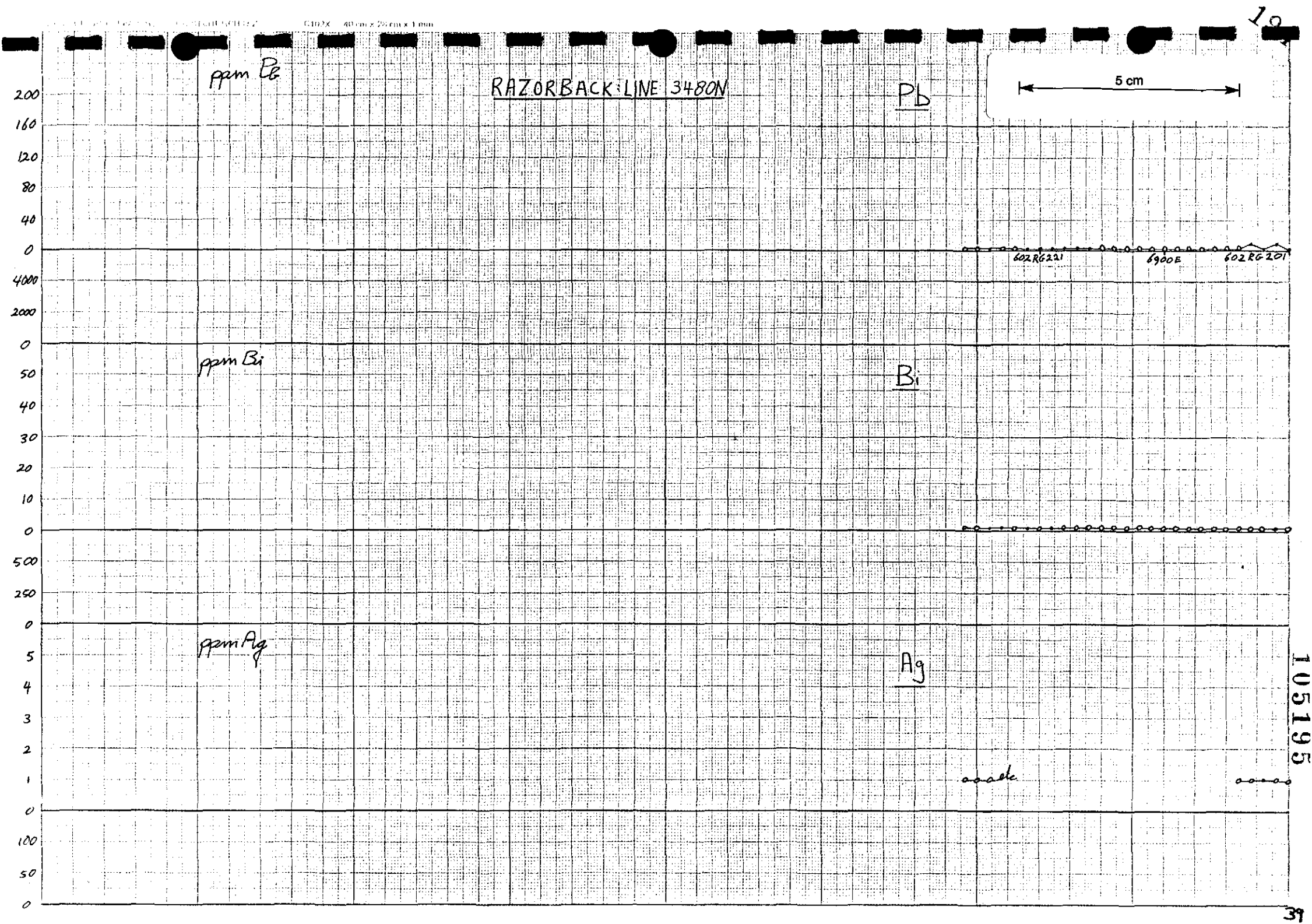


ppm Zn

Zn



105194



ppm Pb

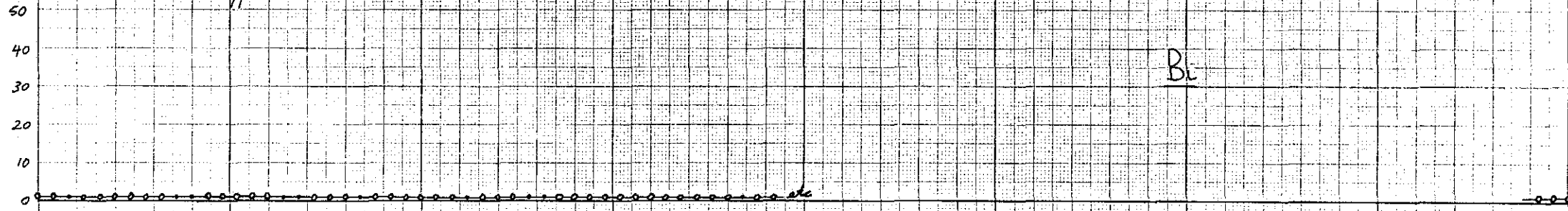
LINE 3480N

Pb



Pb

ppm Bi

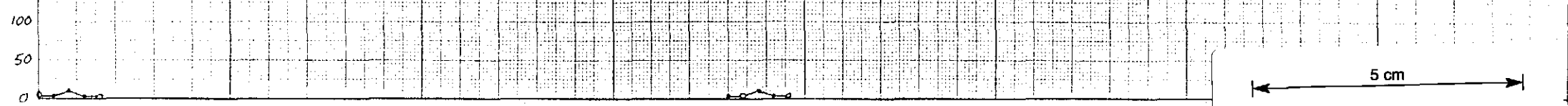


Bi

ppm Ag

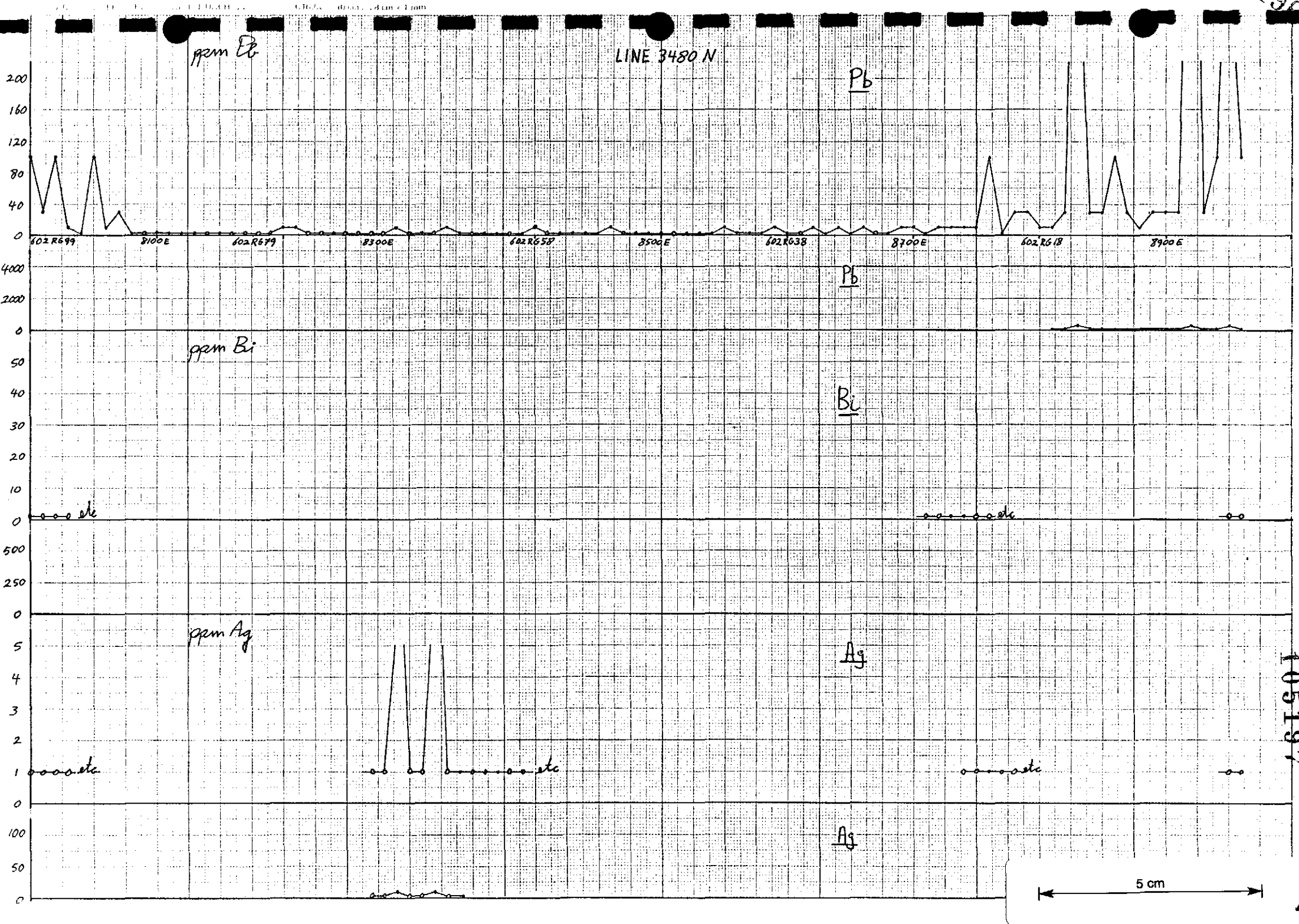


Ag



5 cm

105196



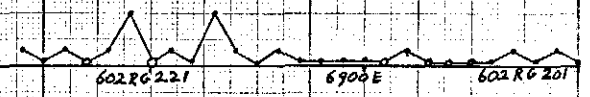
ppm Ni

RAZORBACK: LINE 3480N

Ni

5 cm

500
400
300
200
100
0
4000
2000
0
100
80
60
40
20
0
1000
500
0
500
400
300
200
100
0
10000
5000
0



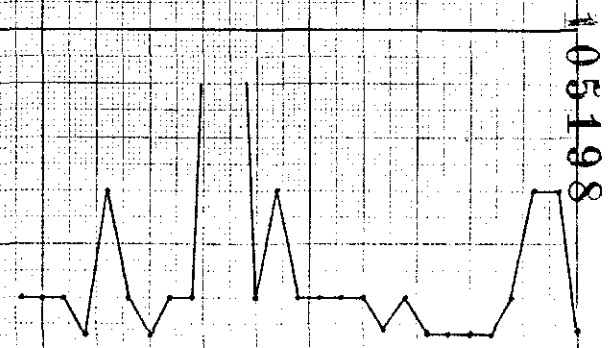
ppm Co

Co

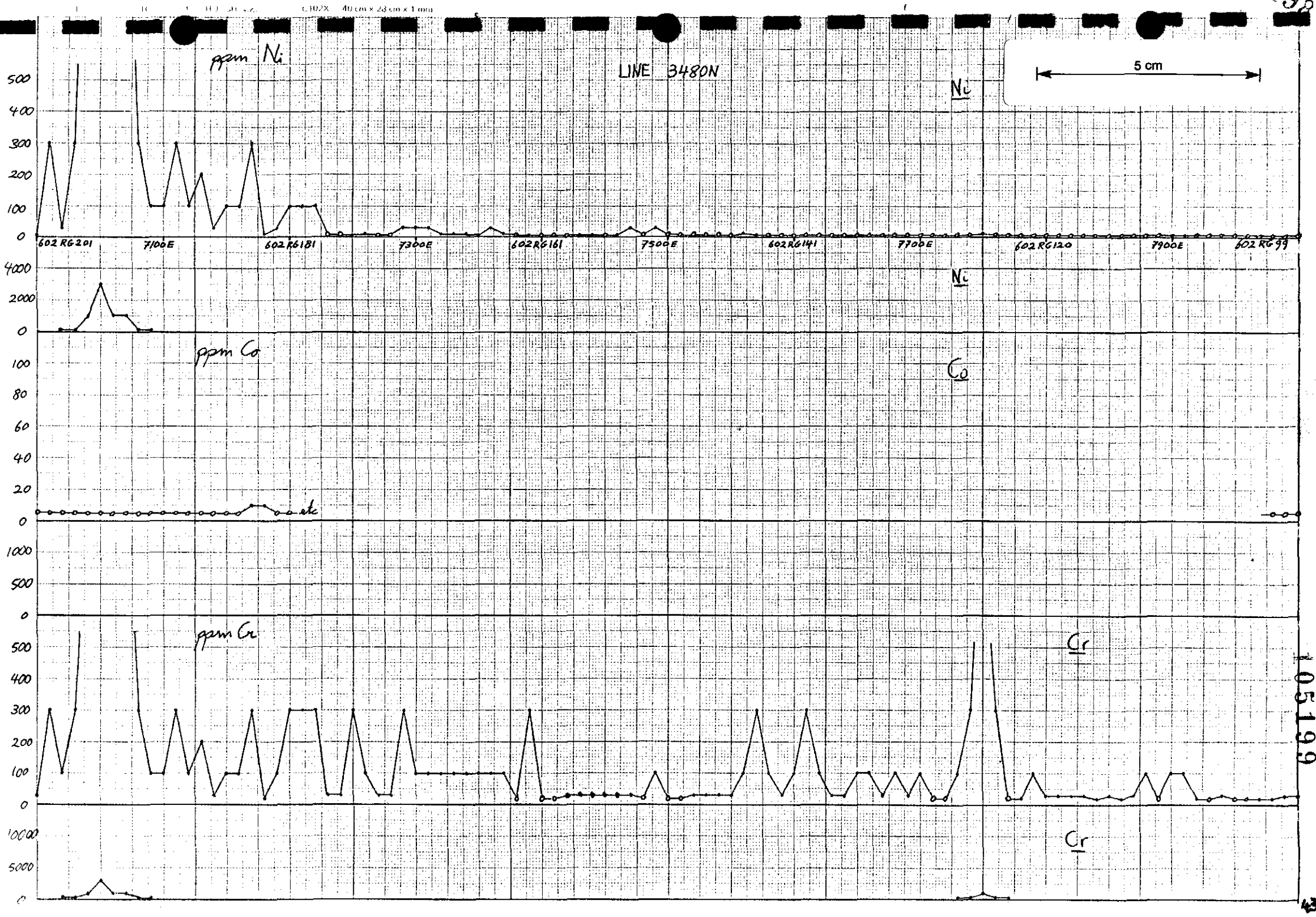
etc

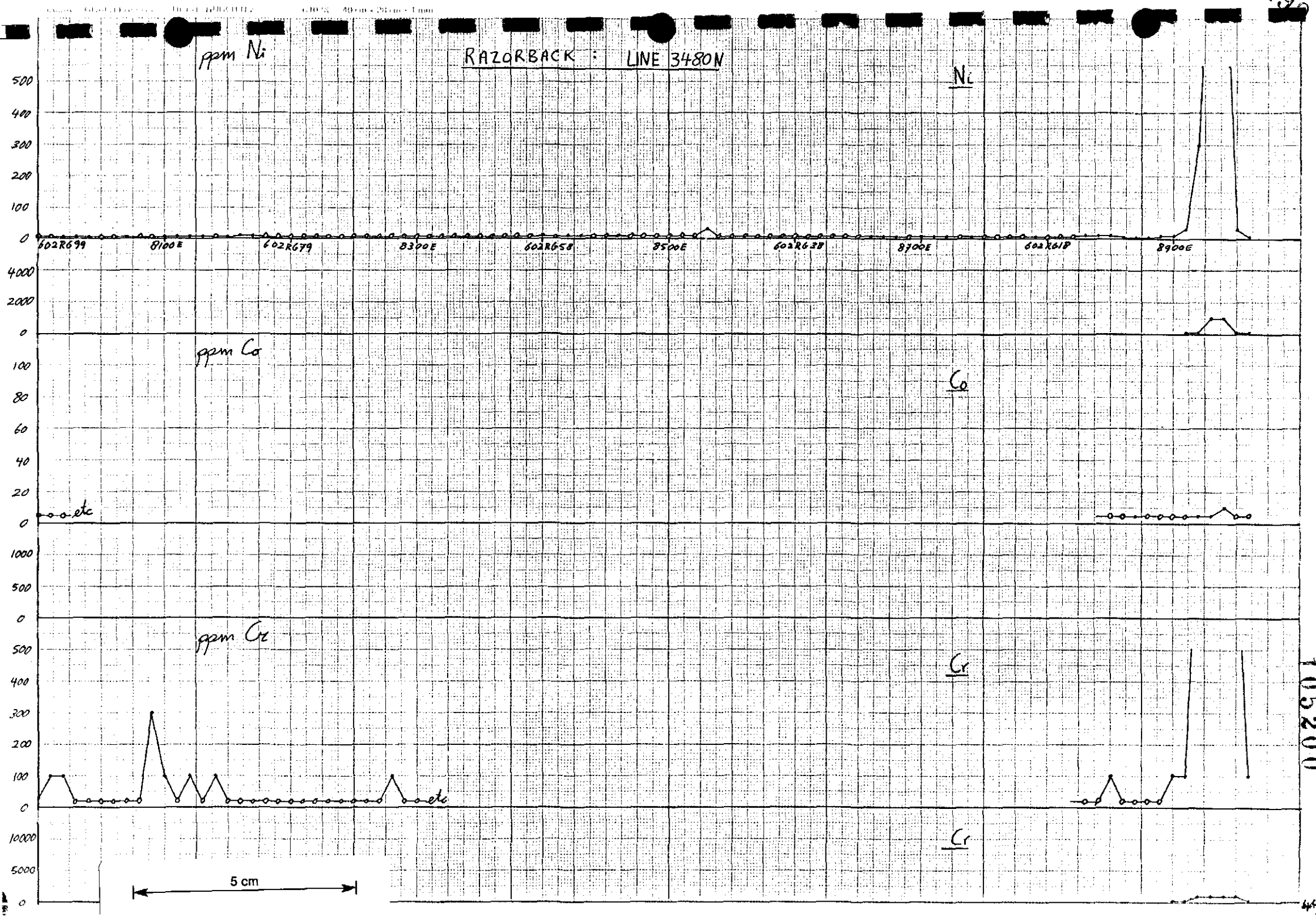
ppm Cr

Cr

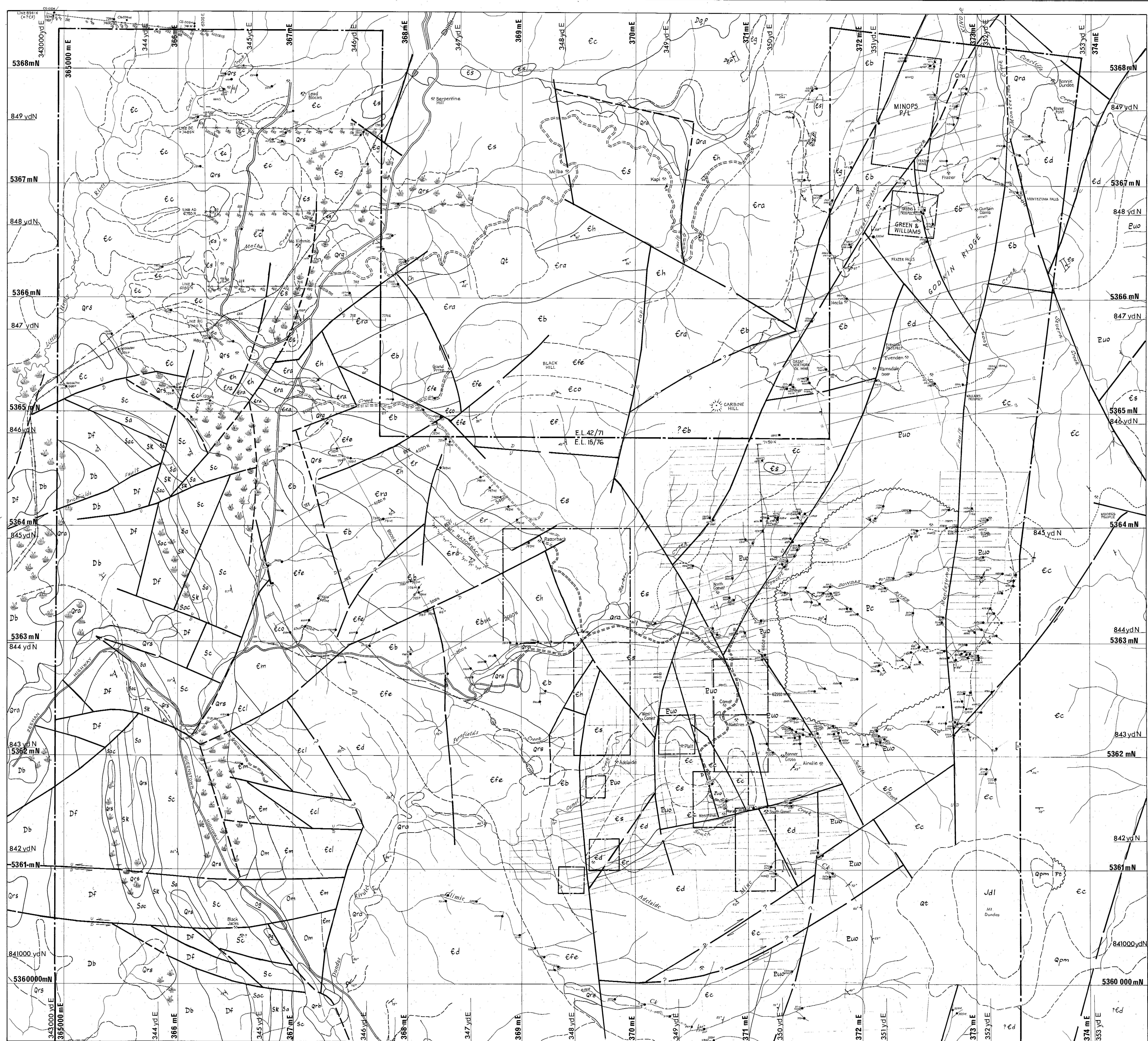


05198





105200



REFERENCE

Qra	Alluvium
Qrg	Gravels
Qe	Conglomerate talus
Qs	Dolerite talus
Qrs	Older alluvium marsh deposits downwash etc.
Qaf	Fluvio-glacial & lacustrine deposits
Qm	Moraine

QUATERNARY

P	Pz	Zeehan Glacial Formation
D	Db	Bell Shale
	Df	Florence Quartzite

DEVONIAN PERMIAN

S	Sao	Austral Creek Siltstone
	Sk	Keel Quartzite
	Sa	Amber Siltstone
	Sc	Crotty Quartzite
	S	Unassigned

SILURIAN

O	Og	Gordon Limestone
	Om	Mona Sandstone
	Oz	Mc Zeehan Conglomerate

ORDOVICIAN

E	Em	Misery Conglomerate
	Ecl	Climie Formation
	Ef	Ferriflow Formation
	Eco	Comet Formation
	Efe	Fernfields Formation
	Eb	Brewery Junction Formation
	Era	Razorback Conglomerate
	eh	Hodge Slate
	Er	Red Lead Conglomerate
	Ed	Dundas Group unassigned
	Ec	Crimson Creek Formation
	E	Cambrian unassigned

CAMBRIAN

P	Puo	Dorah Quartzite & Slate
	De	Concord Schist
	Bw	Whyte Schist

PROTEROZOIC

I	Ic	Igneous Rocks
	Jdl	Jurassic Dolerite

CAMBRIAN

D	Dip	Quartz porphyry
E	Eg	Gabbro, norite and dolerite
	Es	Serpentinite and pyroxenite

- Stream sediment (M)
- Panned concentrate (P)
- Rock chip, float (R, r)
- Limonite (L)

105201

PACMINEX PTY. LIMITED

DRAINAGE SAMPLE NUMBERS

E. L. 15/76 - North Sheet
DUNDAS, WEST TASMANIA

SCALE	1:10000
DRAWN	P.M.M./P.H.
DATE	Jan. 78
REVISED	

K 555-6

