

C O N T E N T S

SUMMARY

1. INTRODUCTION
2. WORK COMPLETED
3. RESULTS
 - 3.1 Geology
 - 3.2 Geochemistry
4. CONCLUSIONS
5. RECOMMENDATIONS

REFERENCES

APPENDICES

FIGURES

<u>No.</u>		
✓ 1	Location Plan	1:100,000
✓ 2	Land Tenure	1:100,000
✓ 3	Area Subject to Owners Consent	1:100,000
✓ 4	Cambrian Geology	1:100,000
✓ 5	Geology	1: 50,000
✓ 6	Stream Sediment Sample Location Plan	1: 50,000
✓ 7	Stream Sediment Geochemistry - Probability Plot, Copper	
✓ 8	Stream Sediment Geochemistry - Probability Plot, Lead	
✓ 9	Stream Sediment Geochemistry - Probability Plot, Zinc	
✓ 10	Stream Sediment Geochemistry, Results	1: 50,000

A P P E N D I C E S

I	Rock Chip Assay and Description Sheets
II	Stream Sediment Assay Results
III	Bulk Leach Gold Assay Results

SUMMARY

Reconnaissance mapping and stream sediment, bulk leach gold and rock chip geochemical surveys have been conducted over the north western portion of EL 65/80. Although a number of low order geochemical highs were located, none are considered to warrant additional exploration. No significant areas of alteration, mineralisation or gossan development were located.

The potential of the area studied is considered low. No progress has been, or is likely to be made in securing access to the volcanic areas to the east. As such it is recommended that the licence be relinquished.

1. INTRODUCTION

This is the first, and final report for EL 65/80 which was granted about 4 years after the application was lodged (Fig. 1). The delay was the result of a number of objections raised by local property owners. All but the objection raised by Connorville Station were resolved. The Connorville properties covered the entire eastern and much of the southern part of the ELA (Fig. 2). In addition to the mineral rights, Connorville also held Owner's Consent title over most of the property. Areas subject to Owners' Consent were excluded from the EL, which, in this case, effectively halved the zone covered by the licence (Fig. 3).

The target of exploration within the EL is gold and/or base metal mineralisation related to the Cambrian volcanosediments. The distribution of the Cambrian (Fig. 4) is such that only the north western portion of the EL is considered prospective for these occurrences. As such, exploration has been restricted to this zone with no work conducted east of the Lake River.

2. WORK COMPLETED

The following exploration was carried out:

- reconnaissance geological mapping (Fig. 5);
- stream sediment survey consisting of 49 samples sieved to -80 mesh (Cu, Pb, Zn, Mn, Ag) and 15 bulk samples (Au leach) - Fig. 6;
- Rock geochemistry - 27 rock chip samples, each analysed for Cu, Pb, Zn, Au Mn - Fig. 6.

3. RESULTS

3.1 Geology

Reconnaissance mapping was completed over the area with the Lake River 1:50,000 geological sheet as a base to the work (Fig. 5).

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Cambrian volcanosediments underlie the EL and sparsely crop out in three main areas. Lithological boundary limits are difficult to accurately define because of the alluvial and colluvial cover, and much of the compilation has clearly been achieved through aerial photo interpretation.

The area north of Little Billop consists of a western area of siltstones, shales, cherts and rare tuffs and an eastern area of fine-medium grained basic volcanics. Most of the northern slopes of Little Billop are scree/soil covered and little information is available. One area of trace sulphide development in chloritic tuffs (sample 9073) was observed but generally sulphides and alteration zones are absent. A NNE-SSW trending iron rich, fault(?) zone occurs within cherts and shaly sediments near the northern boundary of the licence (samples 9066, 9068).

At Parknook a coarse grained, basic conglomerate tuff is exposed in the road cutting. Rounded and ovoid pebbles of ultramafic, and fine elongated sediment inclusions occur in a strongly schistose, chlorite matrix. Two outcrops of this lithology are present, the larger stretching for +100 m along the road south of Parknook. The presence of over 1 km strike length, as displayed on the Government sheet, could not be supported.

The southern area of Cambrian basement, around Dabool Rivulet, consists of finely bedded siltstones, shales, cherts and rare tuffs. A fine grained basic volcanic crops out in the east of the area near Lake River. The volcanic is massive and unfoliated suggesting its Cambrian age may be in doubt. An unusual occurrence in this area is a small limestone outcrop, lying along the banks of First Creek (sample 9086). The limestone contains traces of sulphides and, apart from exhibiting well defined bedding, is quite massive. This contrasts with the strongly schistose, chloritic schists ascribed a Cambrian age, immediately to the north.

The remainder of the area is covered by Permian sediments, Jurassic dolerite and Quaternary alluvial and colluvial deposits. No attempt has been made to examine these lithologies in detail.

3.2 Geochemistry

3.2.1 Rock

Base metal values within the rock samples show only background values (Appendix I). The basic igneous rock in the southern part of the area returned 145 ppm Cu, which, not surprisingly, is well above the average for the cherts and fine grained sediments. A similar rock crops out in the north and has resulted in a copper stream sediment anomaly in that area (section 3.2.2).

All rock sample were analysed for gold. Only two samples contain values greater than the limit of detection of 0.012 ppm. White quartz float (sample 9089) returned 0.01 ppm while an iron impregnated fracture zone in cherts and siltstones returned 0.02 ppm (9082). These low values, when considered with the low bulk leach stream sediment values, are not considered to be of economic importance.

3.2.2 Stream Sediment

Data from the stream sediment survey (Appendix II, Fig. 10) was plotted on log/probability paper and partitioned in the manner described by A. Sinclair (Figs. 7, 8, 9). Absolute values are low for the base metals although two populations are apparent for each of Cu, Pb and Zn.

The copper data shows three samples to be distinctly anomalous for this data set. These all occur in the north of the EL (Fig. 10) and drain a mass of fine gabbroic rock. These basic igneous rock contain elevated copper values (section 3.2.1) and the anomalous stream data reflects this.

The zinc values form two overlapping populations. Probably because of this, the anomalous values are widely dispersed and are not derived from a single source rock. Their absolute values are low, and do not correspond to lead and/or copper highs. As such, they are not considered to warrant follow up investigation.

007

A well defined lead anomaly is outlined by Group I values. The two major streams in which the anomaly is located, drain a ridge on which the Billop homestead, and several smaller buildings stand. Sample 1951 is located immediately upstream of a dam with well worn tracks crossing the area. There is strong evidence that the anomaly is due to contamination and it is not considered a significant target for base metal mineralisation. The lack of gold in the area confirms that no further work is justified.

3.2.3 Bulk Leach Gold Survey

Results from the bulk leach analyses are tabled in Appendix III. No statistical treatment of the data was attempted due to the small data set. However, from numerous surveys carried out by BAUS, a background of 0.05-0.25 ppb was anticipated for this area. The results fall within this range, and no anomalies were highlighted.

The sampled density for the bulk sampling programme is larger than is normally required by the type of survey and it is unlikely that an undetected gold-bearing zone is present within the area sampled.

4. CONCLUSIONS

The area studied is underlain by a Cambrian sequence of interbedded siltstones, shales and cherts with rare tuffs and one pod of limestone. Two areas of fine-medium, massive, basic volcanics crop out in the licence, while to the east, a road cutting exposes a sequence of basic, coarse grained tuffs and tuffaceous conglomerate. The area was principally thought to be prospective for the occurrence of gold mineralisation. Bulk leach, stream sediment and rock chip sampling failed to locate any significant anomalies, while reconnaissance mapping failed to outline areas of hydrothermal alteration or significant mineralisation.

5. RECOMMENDATIONS

No further work can be justified in this small area and it is recommended that the area be relinquished.

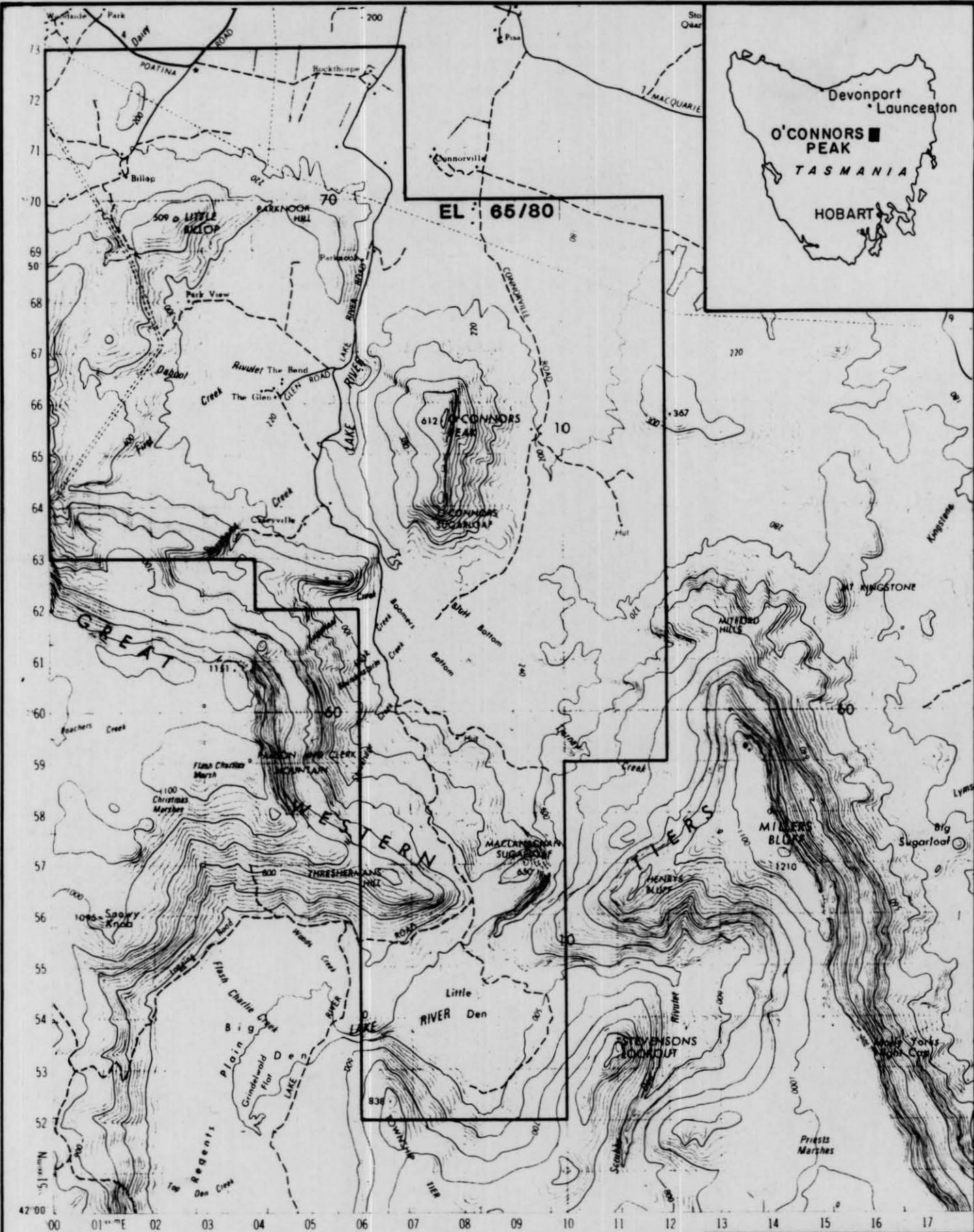
References

Sinclair, A.J., 1974, Selection of Threshold Values in Geochemical Data using Probability Graphs, Jour. of Geochem. Expl., 3(1974), 129-149.

Mathews, W.L., 1974, Lake River, Geological Atlas 1:50,000 series, Geol. Survey of Tas., Dept. of Mines, Hobart

010

110011



EL 65/80

PART OF SOUTH ESK 1:100,000 SHEET

5 cm

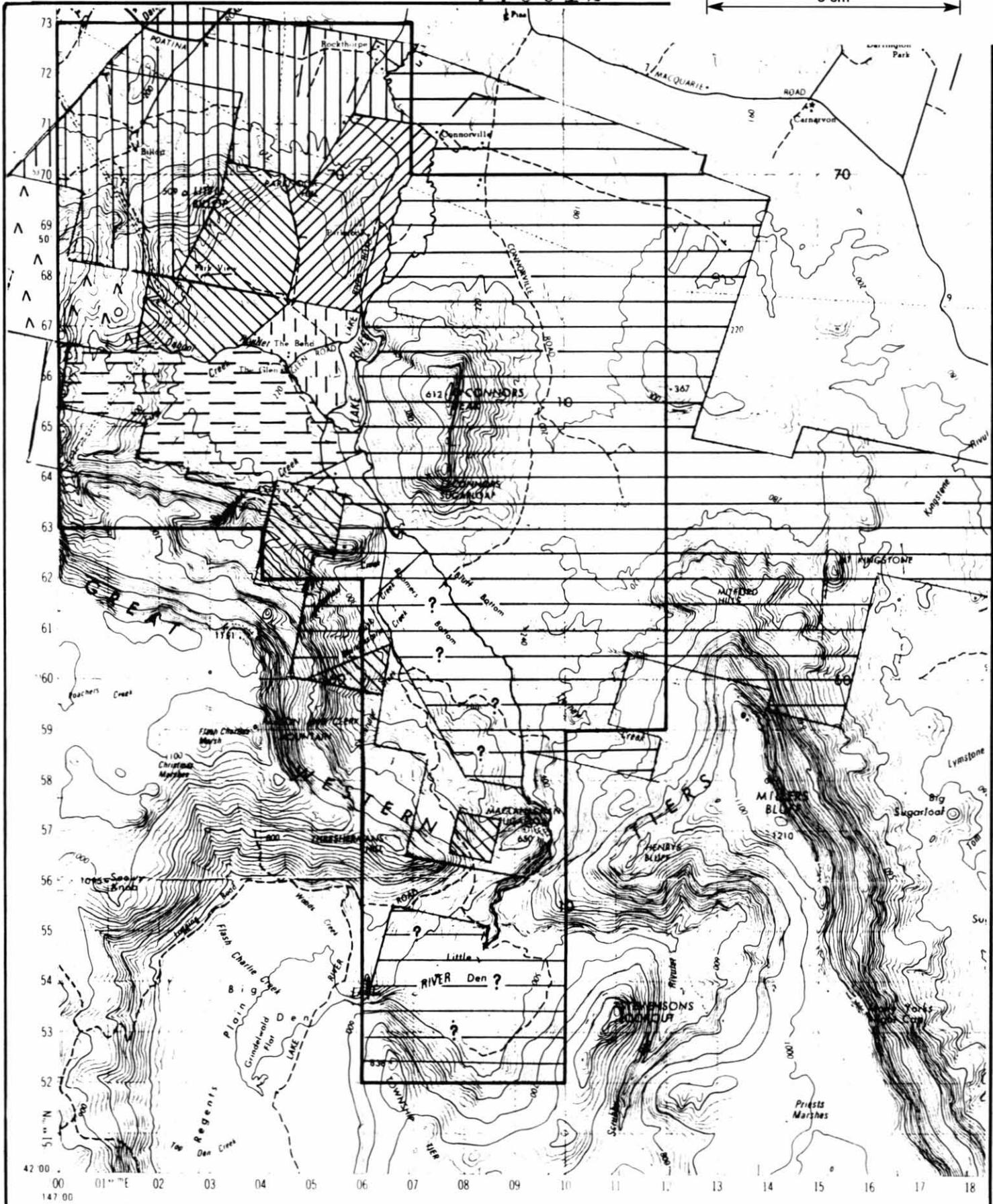
0 5 Km

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Title: LOCATION MAP			
Author: DC	Date: 7/85	Scale: 1:100,000	
Drawn: AS	Checked: AHO	Revised:	Date:
Drawing No: PW 45 / 1002			Fig No: 1

011

110012

5 cm



GREEN

OLIVER

CROWN LAND



O'CONNOR

CASEY

LAWRENCE

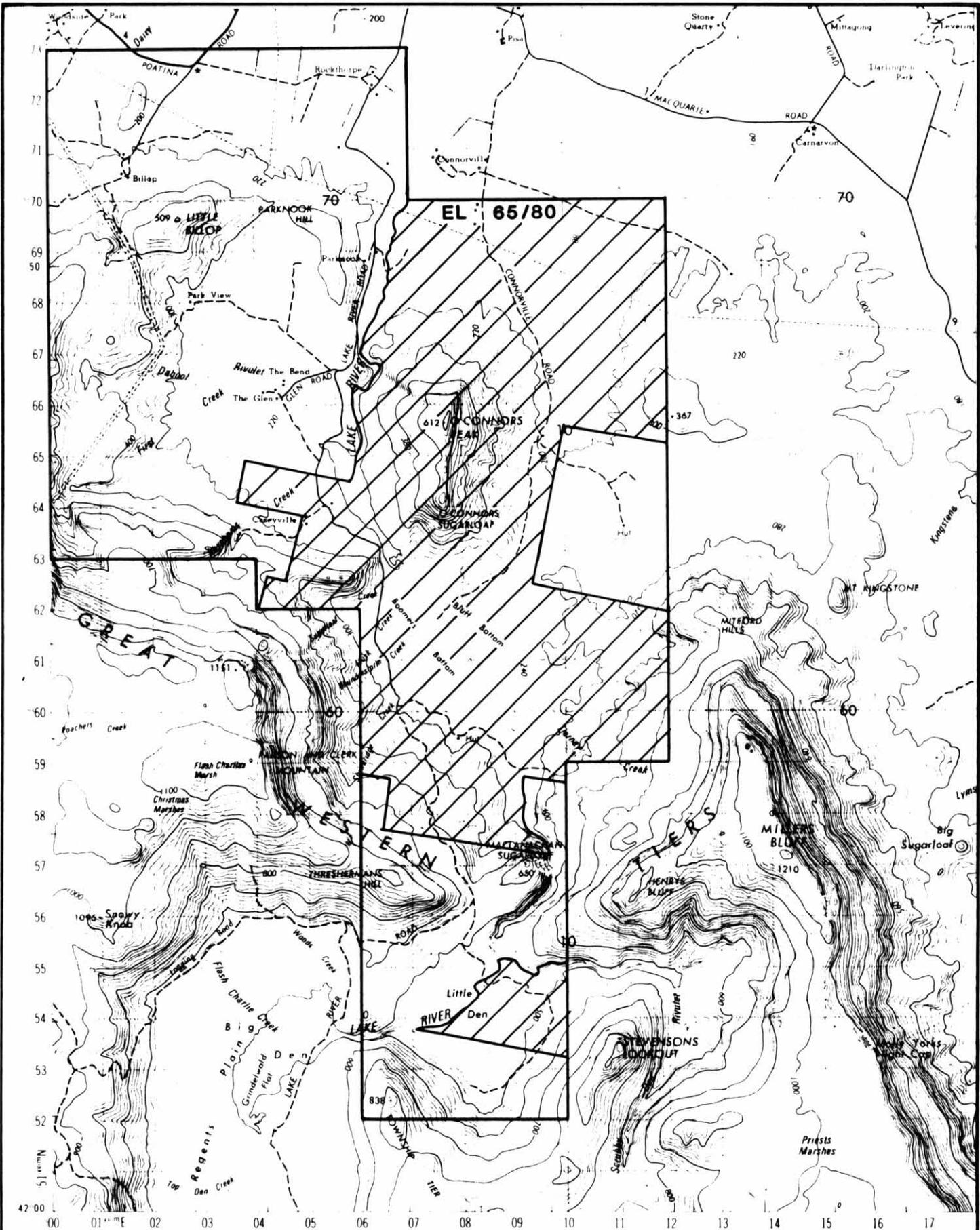


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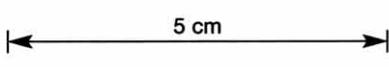
ARCHER

Billiton Australia

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LAND TENURE			
Author	DC	Date	7/85
Scale	1:100,000		
Drawn	AS	Office	AHO
Revised	Date		
Drawn by	PW 45/1003		
Page	2		



Areas subject to owners consent

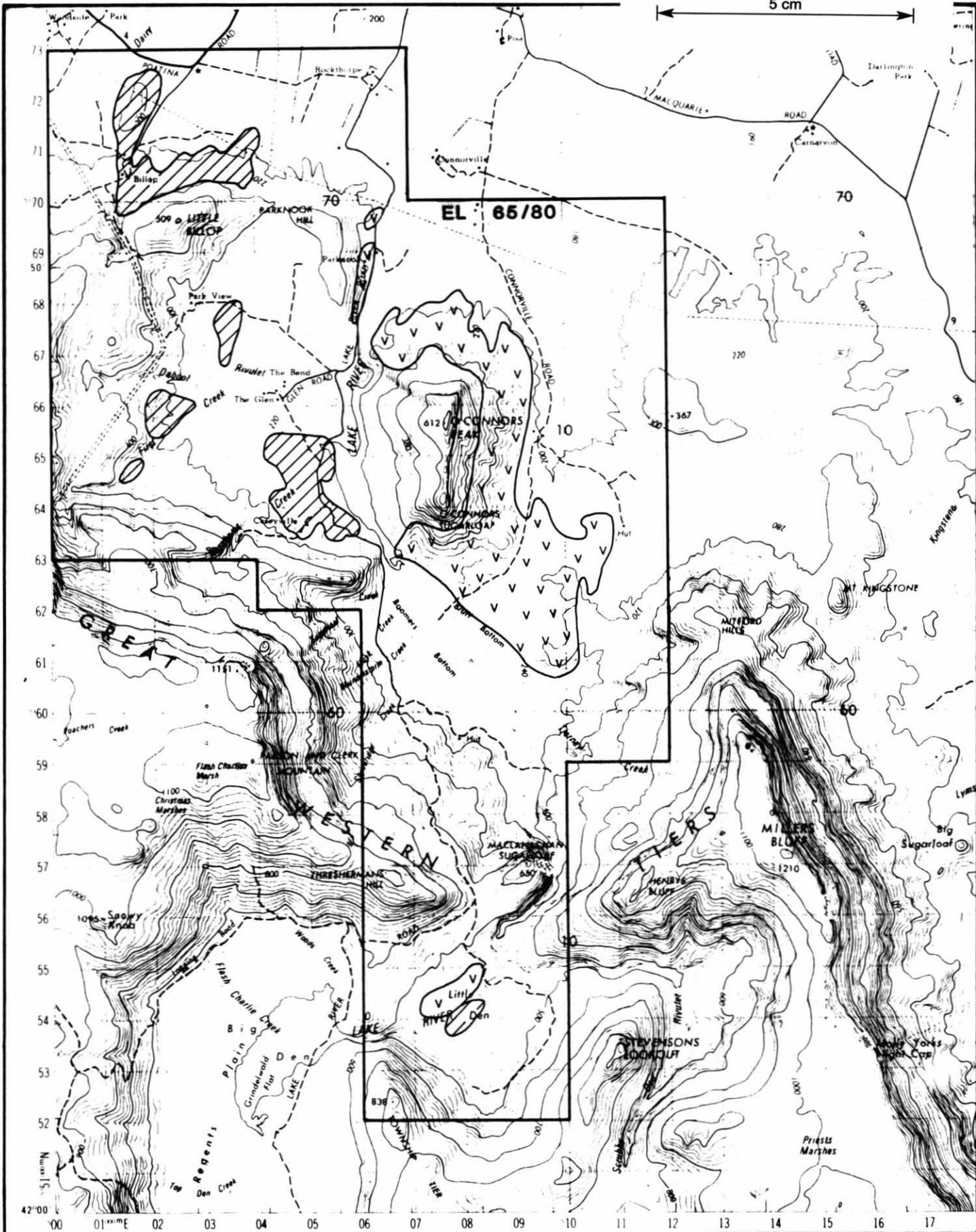


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Drawn AS	Office AHO	Revised	Date
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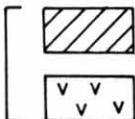
013

110014

5 cm



CAMBRIAN

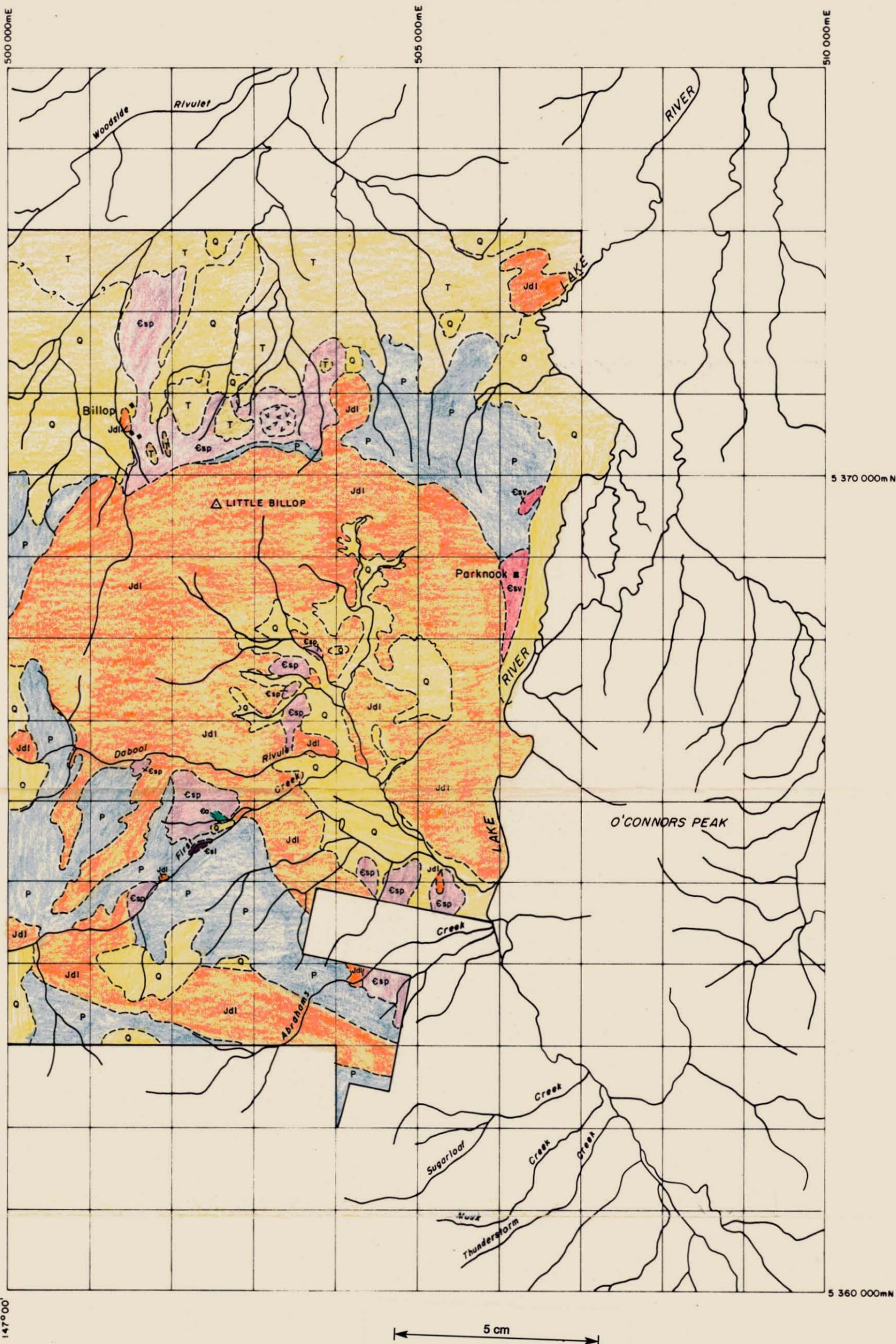


Undifferentiated Metasediments

Undifferentiated Volcanics

(From Lake River 1" = 1 mile Geological Series)

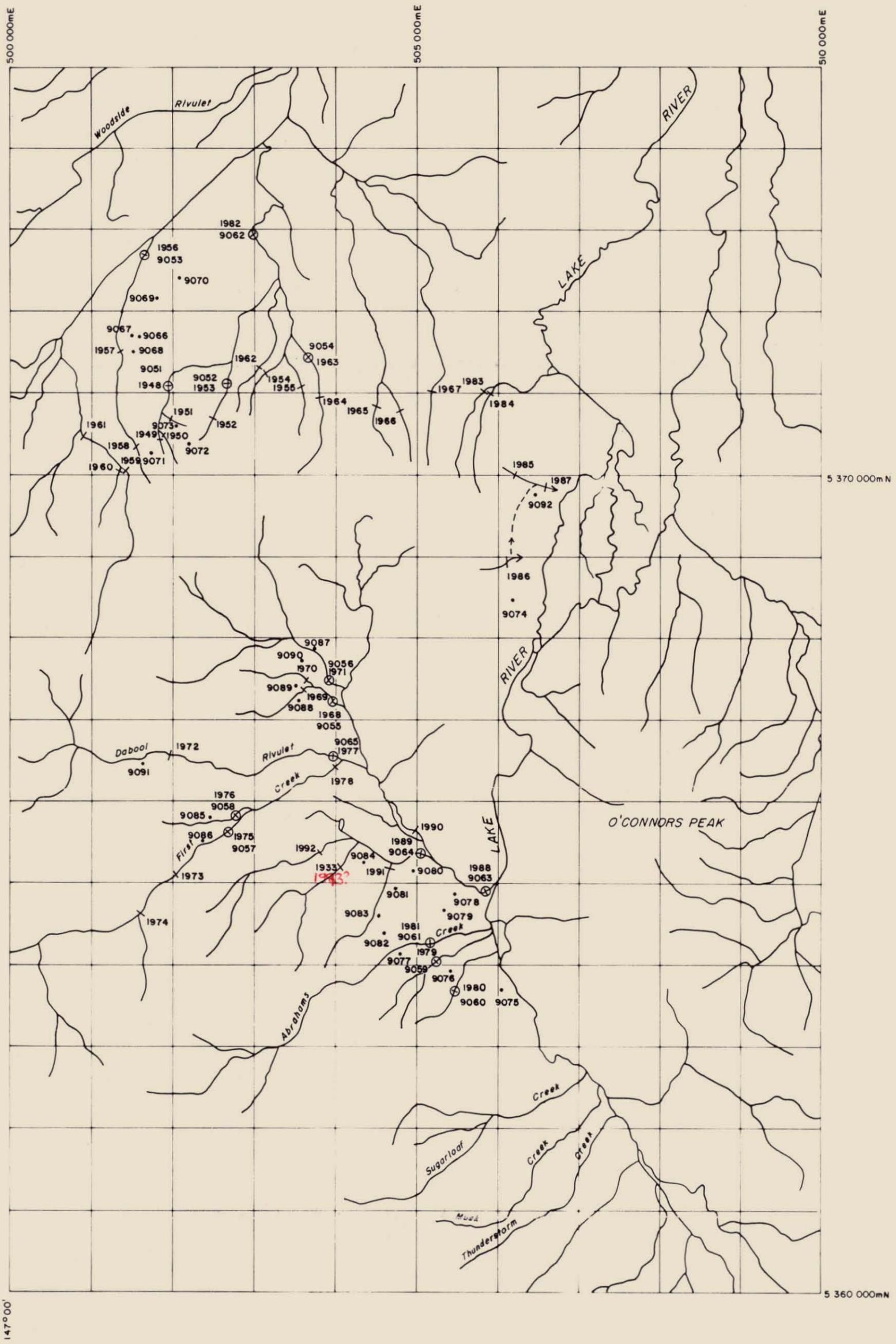
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Title: OUTCROPPING CAMBRIAN GEOLOGY			
Author: DC	Date: 7/85	Scale: 1:100,000	
Drawn: AS	Office: AHO	Revised:	Date:
Drawing No: PW 45 / 1001	Fig No: 4		



- | | | | | | |
|---|--|---|----------|---|--|
|  | QUATERNARY |  | CAMBRIAN |  | Dominantly phyllite, minor areas of basic fine grained igneous rocks |
|  | TERTIARY |  | |  | Limestone |
|  | JURASSIC, Dolerite |  | |  | Basic tuff and tuffaceous conglomerate |
|  | PERMIAN
Undifferentiated
sediments |  | |  | Actinolite, schist |

Billiton Australia		
Project	O'CONNORS PEAK	
Title	GEOLOGY	
Author DC	Date 7/85	Scale 1:50000
Drawn A.M. AS	Office AHO	Revised
Drawing No	PW 45 / 1005	Fig No 5

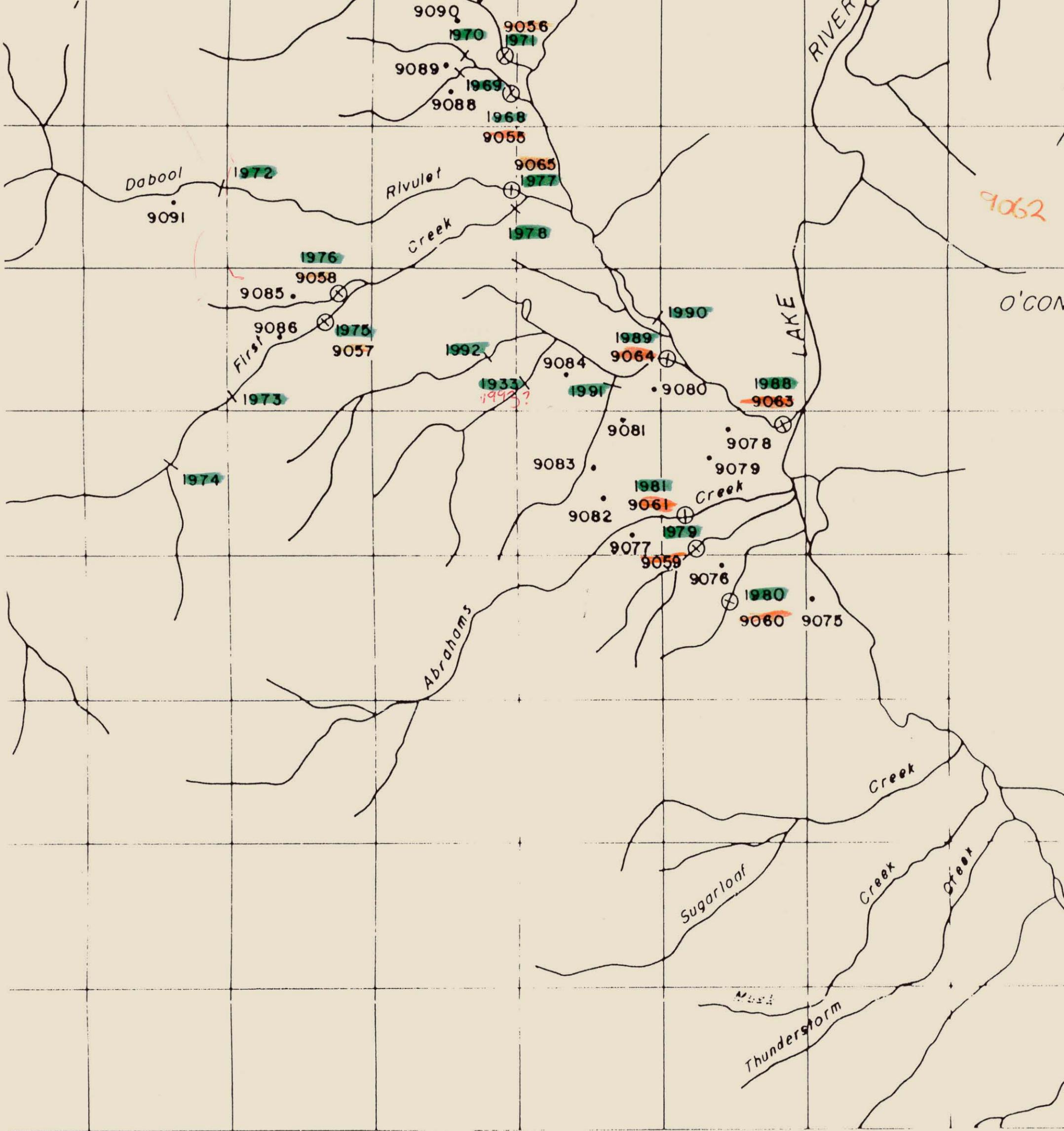
Modified from Lake River 1:50,000 sheet



- 1948-1993, DATA BASE NOS
~~2111-211~~ 21046-21043
- 9051-9065, DATA BASE NOS
 21171-21185
- 1950 / Stream sediment sample site and number
 - 9052 ⊗ Bulk leach sample site and number
 - 9070 • Rock chip sample site and number



Billiton Australia		
Project O'CONNORS PEAK		
Title STREAM SEDIMENT & ROCK SAMPLE LOCATION		
Author DC	Date	Scale 1:50000
Drawn AM	Office	Revised
Drawing No.	PW45/1006	Fig No. 6

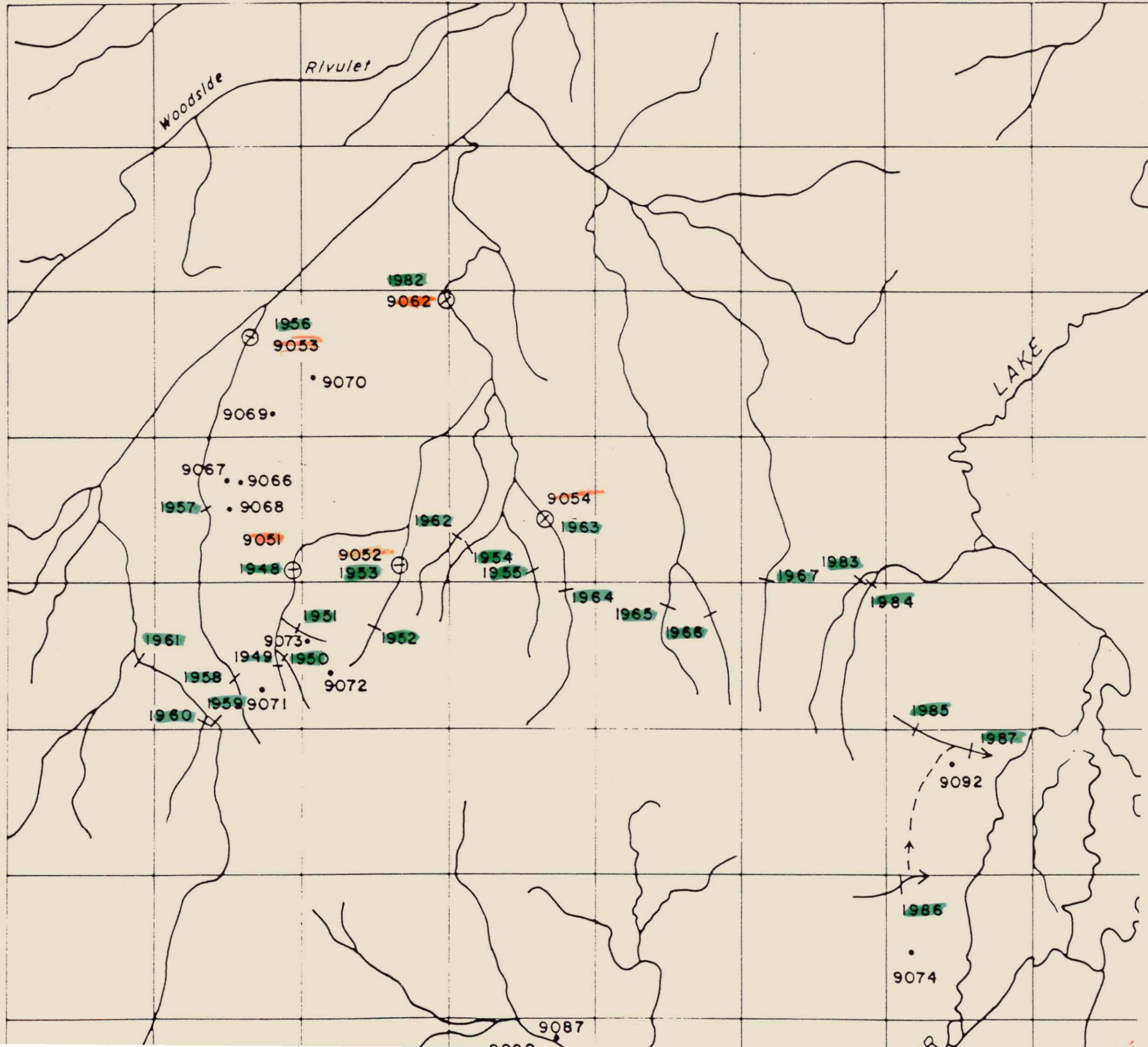


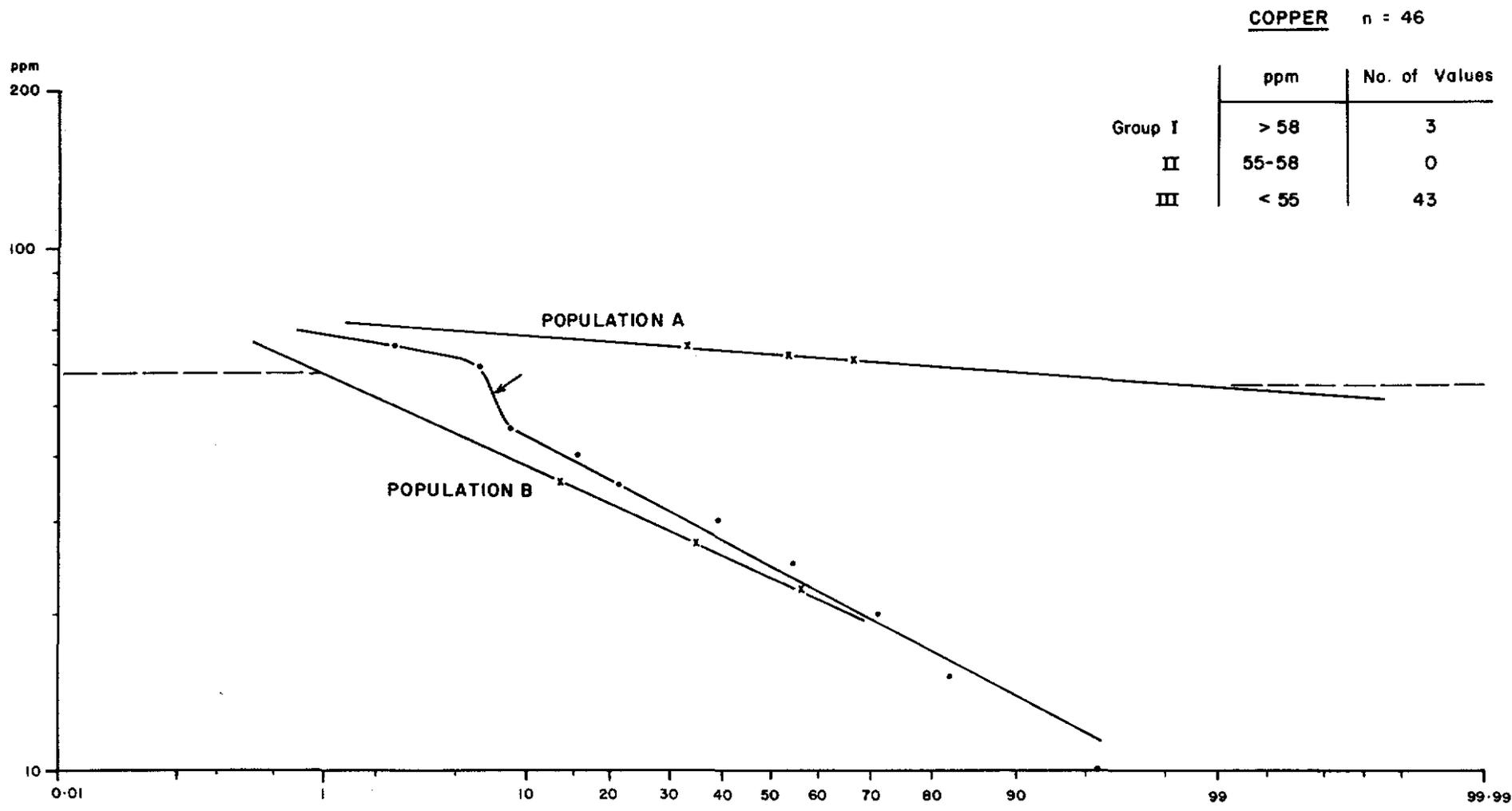
SAMPLE NOS 9051-9065; DATA BASE NOS 21171-21185; BLEG results (Au)

 SAMPLE NOS 1948-1993; DATA BASE NOS 21048-21093; Pb Zn Ag Mn results
1947
1948
1949
1950
1951
1952

1950 Stream sediment sample site and number
 9052 Bulk leach sample site and number

110017



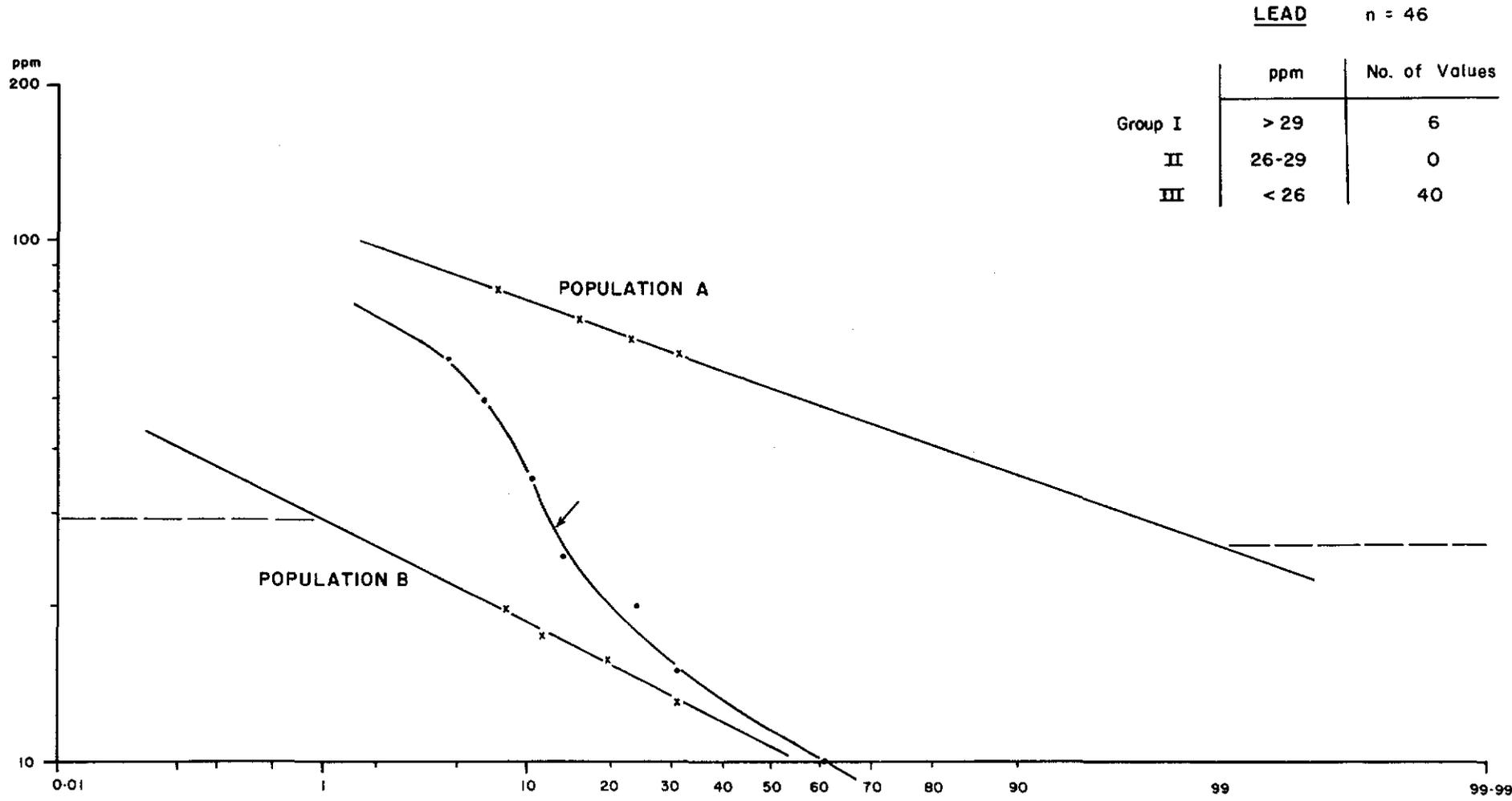


COPPER n = 46

Group	ppm	No. of Values
I	> 58	3
II	55-58	0
III	< 55	43

110019

Project O'CONNORS PEAK			
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Author	DC	Date	7/85
Scale	—		
Drawn	AS	Office	AHO
Revised	Date		
Drawing No.	PW 45 / 1008		Fig. No. 7

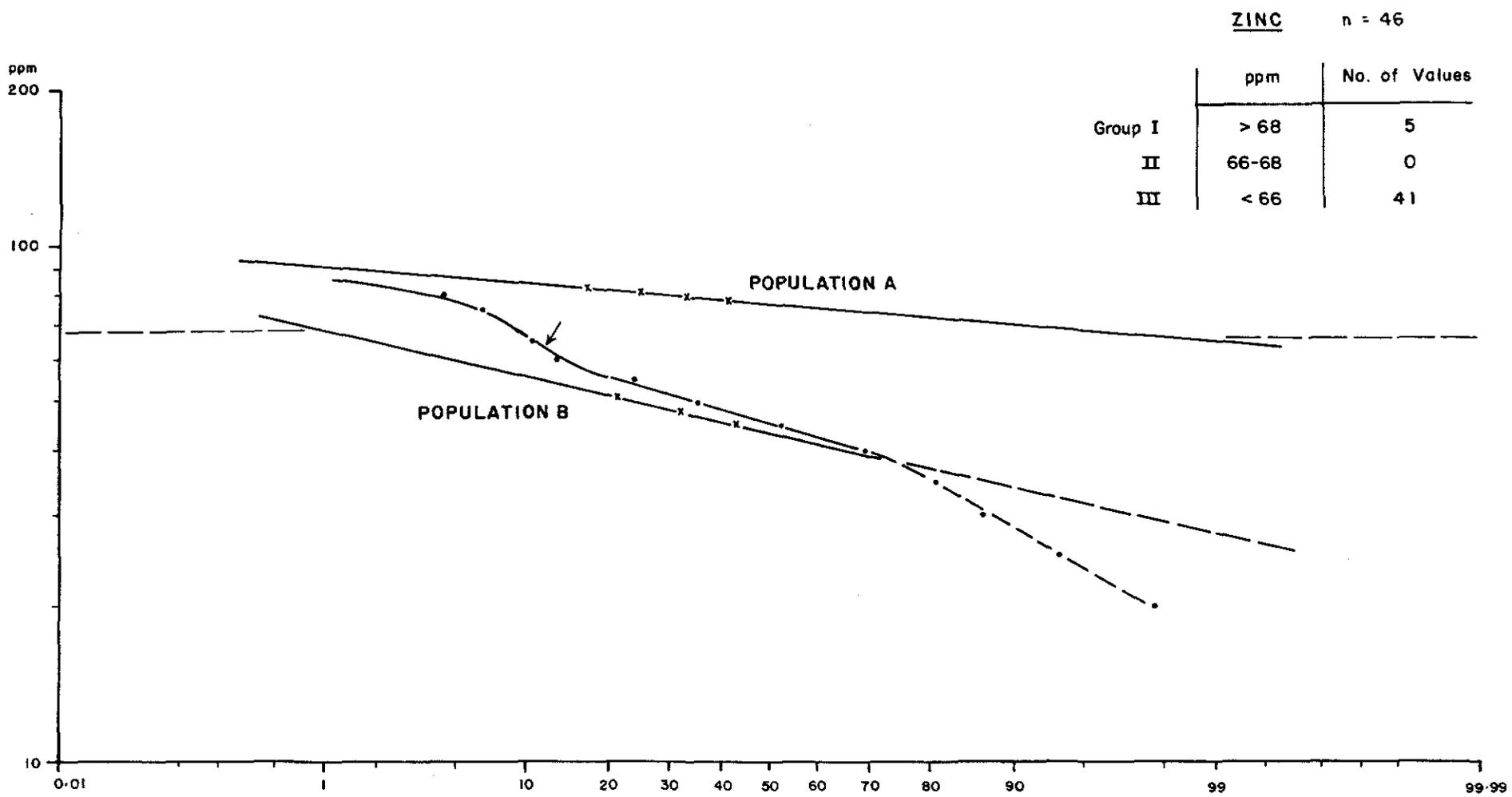


LEAD n = 46

	ppm	No. of Values
Group I	> 29	6
II	26-29	0
III	< 26	40

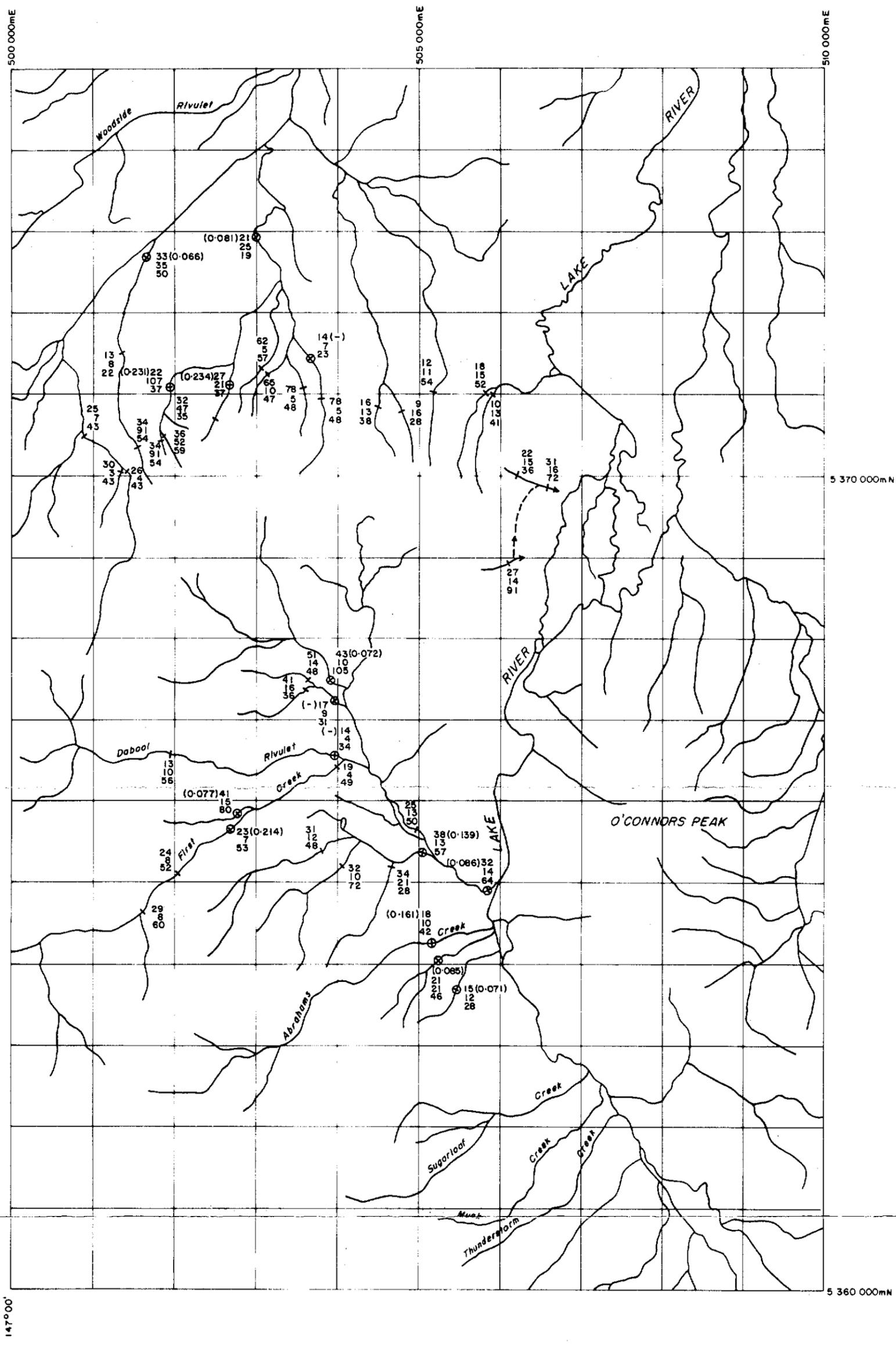
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Author DC	Date 7/85	Scale	—
Drawn AS	Office AHO	Revised	Date
Drawing No. PW 45 / 1009	Fig. No. 8		



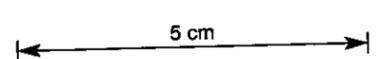
110021

Project: O'CONNORS PEAK			
Title: STREAM SEDIMENT GEOCHEMISTRY PROBABILITY PLOT ZINC			
Author	DC	Date	7/85
Drawn	AS	Office	AHO
Drawing No.	PW 45 / 1010		Fig. No. 9



x Stream sediment sample
 o Bulk leach analysis (Au)

15 (0-071) Cu (Au)
 12 Pb
 28 Zn



Billiton Australia		
Project	O'CONNORS PEAK	
Title	STREAM SEDIMENT GEOCHEMISTRY RESULTS	
Author DC	Date 7/85	Scale 1:50000
Drawn A.M.	Office AHD	Revised Date
Drawing No	PW 45 / 1007	Fig No. 10

110022

APPENDIX I

Rock Chip Assay and Description Sheets



Shell METALS DIVISION

SAMPLE RECORD

110024

Sheet 1 of 3

021

SAMPLE TYPE: Rock Chip

PROJECT / LOCATION: O'CONNOR'S PEAK

HOLE / GRID: ---

SAMPLER: BXHE/1

DATE: JUNE 85

ASSAY LAB: ANALABS.

SAMPLE DISPATCH: ---

ASSAY REPORT NOS: 204.0 08 3156c

MAP REF: LAKE RIVER 1:50000

SAMPLE STORAGE: ---

ORDER NOS: 4360

PHOTO REF: ---

SAMPLE No.	LOCATION / INTERVAL		INTER'L (m)	ANALYSES								DESCRIPTION			
	mN	mE		Cu	Pb	Zn	Mn	Au							
9066	5371700	500600		35	35	45	75	X							Silicified, limonitic fracture zone in siltstone/chert, 5x2 m
9067	5371700	500500		15	35	5	25	X							Bedded cherty rock with Fe stringers
9068	5371500	500500		35	20	70	190	X							Fault zone (200 m Sth of 9066, E-stone with quartz + seal fragm some specular hematite.
9069	5372200	500800		60	25	55	230	X							Limonitic chert
9070	5372500	501100		5	30	10	20	X							Fine silicified quartzite. Minor Fe staining.
9071	5370300	500700		5	10	25	1030	X							Ferronite (?)
9072	5370300	501200		5	15	10	50	X							Quartzite with quartz stockwork
9073	5370500	501100		10	15	15	150	X							Chlorite, sericite schist, minor quartz and limonite.
9074	5369500	505200		70	20	45	405	X							Coarse basic tuff. Ultramafic and sediment fragments.
9075	5363700	505000		145	15	55	545	X							Massive, fine grained, non foliated basic igneous rock (dolerite?)
9076	5363900	504400		60	25	75	25	X							White, sericitic siltstone or tuff. Jarosite on joints.
9077	5364100	503800		15	15	30	45	X							Flint (?). Chert with minor limonite

REMARKS: _____



Shell METALS DIVISION

SAMPLE RECORD

110025

Sheet 2 of 3

SAMPLE TYPE: ROCK CHIPPROJECT / LOCATION: O'CONNORS PEAK

HOLE / GRID: _____

SAMPLER: BXHEPDATE: JUNE 85ASSAY LAB: ANALABSSAMPLE DISPATCH: -ASSAY REPORT NOS: 2040 OR 3156CMAP REF: LAKE RIVER 1:50000

SAMPLE STORAGE: _____

ORDER NOS: 4360

PHOTO REF: _____

SAMPLE No.	LOCATION / INTERVAL		INTER'L (m)	ANALYSES								DESCRIPTION		
	mN	mE		Cu	Pb	Zn	Mn	Al						
9078	5364800	504400		50	40	60	155	x						Chart and sericitic tuff with rare quartz & limonite stringers. Mostly float.
9079	5364700	504300		70	35	155	160	x						Interbedded shales & tuffs. Some limonite after sulphide in quartz pyritic tuff.
9080	5365200	504000		25	15	10	5	x						Siltstones & tuff. Trace limonite.
9081	5364900	503700		20	20	10	5	x						Interbedded & folded shales & chart.
9082	5364400	503500		30	25	20	60	0.02						Fractured & ferruginous chart and siltstones.
9083	5364600	503600		75	15	50	310	x						Fine grained andesite with trace pyrite.
9084	5365200	503300		10	10	5	65	x						Black chart. Fe on fractures.
9085	5365800	501400		25	10	45	75	x						Schists & slates. Actinolite spots & traces of limonite after sulphide.
9086	5365500	501300		25	25	35	230	x						Bedded limestone, pyromene skarn formed from iron ore vein. Fe pyrrhotite.
9087	5367900	502800		10	20	5	35	x						Black chart, minor quartz.
9088	5367200	502500		15	15	x	15	x						Bleached chart, sub outcrop.
9089	5367400	502500		5	15	x	20	0.01						Quartz float - buck.
9090	5367800	502550		15	20	5	100	x						Bedded chart & shales.

REMARKS: _____

022

024

ANALABS

A division of MacDonal Hamilton & Co. Pty. Ltd.

110027

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

		204.0 00 3156C				2.7.85	4360			1 OF 3	
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Mn						
1	9066	35	35	45	75						
2	9067	15	35	5	25						
3	9068	35	20	70	190						
4	9069	60	25	55	230						
5	9070	5	30	10	20						
6	9071	5	10	25	1030						
7	9072	5	15	10	50						
8	9073	10	15	15	150						
9	9074	70	20	45	405						
10	9075	145	15	55	545						
11	9076	60	25	75	25						
12	9077	15	15	30	45						
13	9078	50	40	60	155						
14	9079	70	35	155	160						
15	9080	25	15	10	5						
16	9081	20	20	10	5						
17	9082	30	25	20	60						
18	9083	75	15	50	310						
19	9084	10	10	5	65						
20	9085	25	10	45	75						
21	9086	25	25	35	230						
22	9087	10	20	5	35						
23	9088	15	15	X	15						
24	9089	5	15	X	20						
25	9090	15	20	5	100						

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

AUTHORISED OFFICER *[Signature]*

025

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

110028

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

SAMPLE PREFIX		REPORT NUMBER				REPORT DATE	CLIENT ORDER No.			PAGE
		204.0 00 31560				2.7.85	4360			2 OF 3
TUBE No.	SAMPLE No.	Cu	Pb	Zn	Mn					
1	9091	60	20	115	315					
2	9092	80	5	55	570					
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

Results in ppm unless otherwise specified

T = element present: but concentration too low to measure

X = element concentration is below detection limit

... = element not determined

AUTHORISED
OFFICER

026

ANALABS

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110029

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

		204.0 08 3156C			3.7.85		4360		1 OF 2	
TUBE No.	SAMPLE No.	Ru	Ru Chk							
1	9066	X								
2	9067	X								
3	9068	X								
4	9069	X								
5	9070	X								
6	9071	X								
7	9072	X								
8	9073	X								
9	9074	X								
10	9075	X	X							
11	9076	X								
12	9077	X								
13	9078	X								
14	9079	X								
15	9080	X								
16	9081	X								
17	9082	0.02								
18	9083	X								
19	9084	X								
20	9085	X	X							
21	9086	X								
22	9087	X								
23	9088	X								
24	9089	0.01								
25	9090	X								

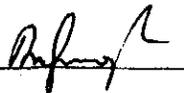
Results in ppm unless otherwise specified

T = element present; but concentration too low to measure

X = element concentration is below detection limit

— = element not determined

AUTHORISED
OFFICER



027

110030

ANALABS

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ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

204.0 08 3156C

3.7.85

4360

2 OF 2

TUBE No.	SAMPLE No.	Ru	Ru Chk	Height					
1	9091	X							
2	9092	X							

028

110031

APPENDIX II

Stream Sediment Assay Results

029

ANALABS

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DATA BASE NO

110032

ANALYTICAL DATA

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

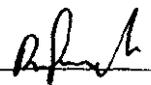
CLIENT ORDER No.

PAGE

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TUBE No.	SAMPLE No.	Mn	Cu	Zn	Pb	Ag	Ag Chk				
1	1947	510	340	99	410	1.0				Standard	
2	1948	1650	22	37	107	X	21048				
3	1949	845	34	54	91	X	21049				
4	1950	1500	36	59	52	X	21050				
5	1951	580	32	35	47	X	1				
6	1952	1550	34	45	23	X	2				
7	1953	615	27	37	21	X	3				
8	1954	415	65	47	10	X	4				
9	1955	565	78	48	5	X	5				
10	1956	1350	33	50	35	X	6				
11	1957	175	13	22	8	X	7				
12	1958	1950	28	42	47	X	8				
13	1959	490	26	43	4	X	9				
14	1960	735	30	43	3	X	21060				
15	1961	930	25	43	7	X	1				
16	1962	1400	62	57	5	X	2				
17	1963	585	14	23	7	X	3				
18	1964	1650	27	43	12	X	4				
19	1965	565	16	38	13	X	5				
20	1966	1700	9	28	16	X	6				
21	1967	375	12	54	11	0.2	7				
22	1968	575	17	31	9	X	8				
23	1969	1800	41	36	16	0.2	9				
24	1970	1100	51	48	14	X	21070				
25	1971	745	43	105	10	X	1				

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

AUTHORISED OFFICER



030

ANALABS

A division of MacDonald Hamilton & Co. Pty. Ltd.

DATA BASE No 110033

ANALYTICAL DATA

✓

SAMPLE PREFIX

REPORT NUMBER

REPORT DATE

CLIENT ORDER No.

PAGE

SAMPLE PREFIX		REPORT NUMBER				REPORT DATE	CLIENT ORDER No.		PAGE	
		204.0 08 3156A				3.7.85	4360		2 OF 3	
TUBE No.	SAMPLE No.	Mn	Cu	Zn	Pb	Ag	Ag Chk			
1	1972	260	13	56	10	X	21072			
2	1973	435	24	52	8	X	3			
3	1974	535	29	60	8	0.1	4			
4	1975	390	23	53	7	X	5			
5	1976	860	41	80	15	0.2	6			
6	1977	320	14	34	4	X	7			
7	1978	385	19	49	4	X	8			
8	1979	2000	21	46	21	0.2	9			
9	1980	175	15	28	12	X	21050			
10	1981	155	18	42	10	X	1			
11	1982	375	21	19	25	0.1	2			
12	1983	1600	18	52	15	X	3			
13	1984	620	10	41	13	X	4			
14	1985	800	22	36	15	0.1	5			
15	1986	420	27	91	14	0.1	6			
16	1987	525	31	72	16	X	7			
17	1988	970	32	64	14	X	8			
18	1989	1550	38	57	13	X	9			
19	1990	290	25	50	13	X	21090			
20	1991	470	34	28	21	X	1			
21	1992	630	31	48	12	X	2			
22	1993	840	32	72	10	X	21093			
23	1994	175	69	14	321	3.0	4.0	Standard		
24	1995	230	107	79	228	6.1	5.5	Standard		
25										

Results in ppm unless otherwise specified
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 = element not determined

AUTHORISED OFFICER *[Signature]*

APPENDIX III

Bulk Leach Gold Assay Results

032



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110035
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ANALYTICAL DATA

DATA PAGE NO

SAMPLE PREFIX REPORT NUMBER REPORT DATE CLIENT ORDER No. PAGE

999.8 13 1084 05.07.85 - ✓ 1 OF 1

TUBE No.	SAMPLE No.	TOT. wt	Zn	Pb(1)	Pb(2)	Pb(3)			
1	9051	5.6	.160	.15	1.3	.231		21171	
2	9052	6.6	.160	.16	1.5	.234		72	
3	9053	6.4	.190	.04	.4	.066		73	
4	9054	5.6	.185	x	x	x		74	
5	9055	5.7	.175	x	x	x		75	
6	9056	5.2	.160	.05	.4	.072		76	
7	9057	6.5	.160	.14	1.4	.214		77	
8	9058	6.6	.170	.05	.5	.077		78	
9	9059	5.5	.175	.06	.5	.085		79	
10	9060	5.5	.160	.05	.4	.071		21180	
11	9061	6.3	.180	.11	1.0	.161		1	
12	9062	6.5	.180	.05	.5	.081		2	
13	9063	6.5	.173	.06	.6	.086		3	
14	9064	6.5	.180	.09	.9	.139		4	
15	9065	6.0	.173	x	x	x		21185	
16	STD	5.0	.175	2.95	22.1	4.429			
17									
18									
19									
20									
21									
22									
23									
24									
25									

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 X = element concentration is below detection limit
 - = element not determined

AUTHORISED OFFICER *Refuge*

033

110036



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ANALYTICAL DATA

SAMPLE PREFIX REPORT NUMBER REPORT DATE CLIENT ORDER No. PAGE

999.8 13 1064 05.07.85 2 OF 2

TUBE No.	SAMPLE No.								
1	NOTE	Samples treated on AS RECEIVED BASIS							
2		Dry weight expressed in Kilograms as calculated from Moisture Det.							
3		Au 1 result expressed in micrograms of Gold per gram of Zinc							
4		Au 2 is the calculated TOTAL GOLD leached from the whole sample							
5		in micrograms.							
6		Au 3 is the calculated grade of the sample in (p.p.b)							
7		parts per billion that is cyanide extractable gold per tonne							
8									
9									
10									
11									
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AUTHORISED OFFICER *[Signature]*