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INTERNATIONAL MINING CORPORATION N.L.

PROGRESS REPORT

EXPLORATION LICENCE 18/69

FORTH RIVER

NORTH WEST TASMANIA

*Stream sediment data on  
Broadville and Rowan 125,000 days.*

by

G.A. McLellan B.Sc.(Hons.), A.M.A.I.M.M.

February 18th, 1971

E.A. Webb & Associates Pty.Ltd.  
152 Little Lonsdale Street,  
Melbourne, Victoria, 3000.

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TABLE OF CONTENTS

	<u>Page No.</u>
Introduction	1
Geology	2
Stream Sediment Sampling	2
A. Orientation Survey	2
B. Detailed Survey	8
C. Reconnaissance Survey	9
1. General	9
2. Discussion of Anomalies	9
Conclusions	11
Recommendations	11
i. Forth River Valley	11
ii. Mersey-Arm River Region	12

LIST OF FIGURES

- Figure 1. Geological Map showing areas covered by stream sediment survey.
- Figure 2. Detailed stream sediment survey - Upper Forth Valley.
- Figure 3. Reconnaissance stream sediment survey - Mersey-Arm River Valleys.
- Figure 4. Area suggested for retention.

PROGRESS REPORT

EXPLORATION LICENCE 18/69

FORTH RIVER, NORTH WEST TASMANIA

This report covers work completed up to 10th February, 1971. On this date field work consisting of geological mapping and collection of stream sediment samples in the Forth River Valley was continuing.

For the purposes of exploration the licence area was split into two parts, the Forth River Valley and the Mersey and Arm River region.

Several prospects are known to occur along the Forth River Valley, of which the best known is the Pelion Wolfram Mine. This area was treated as potentially mineralised, and was subjected to detailed stream sediment sampling at 400 foot intervals.

Little is known of the remaining portion of the licence, and the area of outcropping Precambrian along the Mersey and Arm Rivers was covered with a reconnaissance stream sediment survey with samples collected at quarter-mile intervals. Sampling was not continued into areas covered by basalt, dolerite, or deep tillite.

Road access into all but the southern portion of the licence is moderate to good. Very few negotiable tracks exist in the southern portion of the licence.

## GEOLOGY

No detailed mapping has as yet been undertaken.

Mapping carried out in conjunction with the stream sediment sampling has shown only very minor deviations from that portrayed on the published maps, and for the purposes of this report, published information only is plotted on the geological map.

Several matters, such as the possible extension of Permian north along the Forth Valley, have yet to be resolved, and attempts to modify the existing data would be premature.

## STREAM SEDIMENT SAMPLING

### A. Orientation Survey

Orientation samples were collected from a creek draining an area of possible granite intrusions. The samples were sieved into 3 fractions, + 20 mesh, -20 +80 mesh and -80 mesh. All 3 sample fractions were analysed for copper, molybdenum, tungsten and bismuth.

The results are tabulated in Tables 1 to 4.

From an examination of the tables it was clear that copper and possibly bismuth anomalies were best defined in the -80 mesh fraction. Molybdenum values have greatest contrast in the -20 +80 fraction and tungsten anomalies appear to be best defined by the + 20 mesh fraction; but the -20 +80 mesh fraction appears to give usable tungsten results.

-3-

It was decided to have the -80 mesh fraction of all samples analysed for copper and zinc, and the -20 +80 mesh fraction analysed for molybdenum and tungsten. Tungsten determinations are being carried out on the -20 +80 mesh fraction, as this fraction apparently gives viable results, and to analyse the +20 mesh fraction would have significantly increased handling and analytical costs.

The value of bismuth determinations on reconnaissance stream sediment samples is doubtful, and samples other than the orientation samples were not analysed for bismuth.

Zinc was included in the elements analysed, as the Big Blow lode contains appreciable sphalerite, and it is possible that similar mineralisation occurs elsewhere.

When viewing the tables it is apparent that only copper shows correlation of high values in all 3 sample fractions. Tungsten shows the usual erratic distribution of minerals present as detailed fragments rather than as absorbed and adsorbed ions, such as copper.

..4/

TABLE 1Copper values of orientation samples expressed in ppm. **Cu**

Sample	+ 20 Mesh	-20 +80 Mesh	-80 Mesh
12	40	35	80
13	25	45	55
14	10	15	5
15	10	20	25
16	10	20	40
17	15	20	35
18	10	30	35
19	15	30	30
20	10	15	25
21	10	5	5
22	10	20	30
23	10	15	15
24	15	15	15
25	15	10	35
26	5	10	15
38	20	15	5

TABLE 2Molybdenum values of orientation samples expressed as ppm **Mo**

Sample	+ 20 Mesh	-20 +80 Mesh	-80 Mesh
12	3	< 2	4
13	2	8	I. S.
14	4	10	< 2
15	2	3	< 2
16	3	< 2	< 2
17	3	3	< 2
18	2	4	< 2
19	3	3	< 2
20	< 2	3	< 2
21	2	3	< 2
22	2	4	< 2
23	< 2	3	< 2
24	< 2	3	< 2
25	< 2	3	< 2
26	< 2	4	< 2
38	< 2	3	< 2

I.S. Insufficient Sample.

TABLE 3

Tungsten values of orientation samples expressed as ppm

W

Sample	+ 20 Mesh	-20 +80 Mesh	-80 Mesh
12	2	2	55
13	320	I.S.	I.S.
14	80	17	31
15	21	2	< 2
16	11	< 2	< 2
17	< 2	11	< 2
18	< 2	10	< 2
19	< 1,000	< 2	< 2
20	< 2	11	< 2
21	2	2	< 2
22	< 2	< 2	< 2
23	< 2	< 2	< 2
24	< 2	< 2	< 2
25	< 2	3	< 2
26	< 2	3	< 2
38	2	< 2	< 2

I.S. Insufficient Sample.

TABLE 4

Bismuth values of orientation samples expressed as ppm

Bi

Sample	+ 20 Mesh	-20 +80 Mesh	-80 Mesh
12	15	35	I.S.
13	25	I.S.	I.S.
14	35	< 10	40
15	25	< 10	< 10
16	30	< 10	< 10
17	30	< 10	I.S.
18	25	60	I.S.
19	25	65	40
20	20	40	35
21	< 10	40	20
22	20	< 10	55
23	15	50	50
24	15	< 10	35
25	15	50	< 10
26	30	< 10	30
38	30	40	40

I.S. Insufficient Sample.

B. Detailed Survey

The detailed survey of the Upper Forth Valley is not yet complete, and a full assessment of results cannot be made. \*

For ease of identification, creeks which do not have a formal name have been numbered 1,2, and so on in Figure 2, which is the map relevant to this section.

To date, creek 13 has indicated a zone of possible interest. Other zones of interest have been indicated by creeks 3, 9, and 10.

Zones of interest are being indicated mainly by copper and molybdenum values. At this stage it does not appear as if the scattered low order zinc anomalies are of extreme significance.

When examining analytical data for rock samples (Appendix 1B) it will be noted that values of 240 ppm Cu and 9 ppm Mo have been recorded from specimens of basalt and dolerite. These basic rocks overlie the Precambrian schists along the Forth River Valley throughout the area under investigation (see geology on Figure 1).

In all probability the thresholds used reflect the true threshold for the Precambrian metasediments and the anomalies recorded are due to contamination of the geochemical environment from basic debris in the scree which covers the hillsides and fills valleys. If this is so, the anomalous streams are not indicative of mineralisation, but instead they indicate zones which contain more basic scree, in which the threshold used is too low.

All pH values fall within the range 5.5 to 6.5, with most being at pH 6.0.

Analytical data is presented in Appendix 1. \*

### C. Reconnaissance Survey

#### 1. General

In the reconnaissance stream sediment survey of the Arm and Mersey valleys, samples were collected at quarter-mile intervals. The samples were analysed as indicated in the section on the Orientation Survey. \*

Calculated thresholds, sample sites and an interpretation of analytical data are shown in Figure 3. Analytical result sheets are given in Appendix 2.

It will be noted that the copper and molybdenum thresholds used for this section vary considerably from those used in the Detailed Survey, but zinc and tungsten thresholds are very similar.

Attempts were made to break down the copper data into thresholds for individual lithological units, but as each unit had similar threshold values, a regional threshold was adopted.

The pH of streams was almost uniformly 6.0, with extremes of 5.5 to 7.0 being recorded rarely.

#### 2. Discussion of Anomalies

It is considered that the higher copper and molybdenum thresholds noted for this area are due to the effects of basalt and dolerite. These basic rocks outcrop over a very large area, and must have an appreciable effect on the environment. For this reason, the copper-molybdenum anomalies along the upper reaches of the Arm River, such as that at sample site 1031, have been discarded.

-10-

The most significant anomaly is that indicated by samples 1209 to 1211. Here a classic zinc dispersion train is illustrated, and possible mineralisation upstream from sample site 1209 is indicated.

Another zone of definite interest is indicated by the creek tested by samples, 1182, 1299, 1300 and 1321. Here a zone high in copper and zinc has been located, but no definite drainage train is evident.

Other anomalous areas worthy of investigation are areas indicated by :-

- i. Samples 1241 to 1243 -  
A low order copper anomaly is indicated by sample 1241, and samples 1242 and 1243 show a significant drainage train in molybdenum.
- ii. Samples 1202 and 1203 -  
A low to moderate order copper-zinc anomaly.
- iii. Samples 1091 and 1092 -  
A low order copper-zinc anomaly.

A noticeable feature of the reconnaissance survey is the generally higher values evident in the northern portion of the area sampled.

## CONCLUSIONS

In the detailed survey of the Upper Forth valley no definite indications of prospects other than those already known are evident.

At least 3 areas of potential, and possibly an additional 2, have been located by the reconnaissance survey.

Definite conclusions regarding the various anomalies cannot be drawn without additional work, but it can be concluded that the area to be excised from the licence area (see Figure 4) has little or no potential for mineral deposits, judging from available geological and geochemical information.

## RECOMMENDATIONS

It is recommended that Exploration Licence 18/69 be reduced to the size shown on Figure 4.

During the next 6 months field work will undoubtedly be hampered by bad weather, but the following forward program is recommended:-

### i. Forth River Valley

The known mineral occurrences along the Forth Valley should be mapped in detail. Those areas which could develop into worthwhile prospects, such as the Birthday Granite, should be gridded and traversed by ground magnetometer surveys.

In addition the validity of soil geochemical sampling and the use of other geophysical tools such as E.M. should be investigated.

It is possible that the as yet incomplete stream sediment survey will indicate additional zones of interest.

ii. Mersey-Arm River Region

The stream sediment anomalies located by the reconnaissance survey, and in particular the anomalies outlined by samples 1209 to 1211, samples 1182, 1299, 1300 and 1321, and samples 1241 to 1243 should be followed up. This would involve detailed geological mapping and the collection of additional stream sediment samples at closer intervals. In all probability the mapping and stream sediment sampling will indicate areas over which detailed soil geochemistry and geophysics is necessary.

Until these anomalies have been followed up it is difficult to be exact as to additional work required.

E.A. WEBB & ASSOCIATES PTY.LTD.



G.A. McLellan

APPENDIX 1

ANALYTICAL DATA RELEVANT

TO

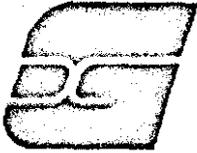
DETAILED SURVEY

OF

UPPER FORTH VALLEY

APPENDIX 1A

STREAM SEDIMENT ANALYTICAL RESULTS


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 DATE 4-2-71

29th January, 1971.

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 E. A. Webb & Associates Pty. Ltd.,  
 152 Little Lonsdale Street,  
MELBOURNE.      3000

Your Order No.      AS 0140

<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Sample No's.</u>	<u>Cu ppm</u>
18/ 69/ 1 C	15	18/ 69/ 36 C	20
2	10	37	10
3	10	39	40
4	10	40	20
5	10	41	10
6	<u>10</u>	42	15
7	10	43	40
8	10	44	15
9	15	45	15
11	15	46	15
27	10	47	10
28	15	48	15
29	10	49	5
30	10	50	15
31	10	51	20
32	10	52	15
33	15	53	10
34	20	54	20
35	10	55	15

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- 2 -

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<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Sample No's.</u>	<u>Cu ppm</u>
18/ 69/ 56 C	10	18/ 69 /97 C	15
57	15	98	10
58	5	99	15
59	10	100	15
60	10	102	15
61	15	103	20
62	15	104	25
63	20	105	20
64	30	106	10
65	5	107	30
66	5	108	10
67	5	109	15
68	10	110	20
69	10	111	10
70	5	112	5
71	5	113	10
72	35	114	10
73	20	115	10
74	30	116	5
75	35	117	15
76	20	118	5
77	65	119	<5
80	30	120	5
82	20	121	15
83	45	122	25
84	30	123	20
85	45	124	15
86	15	125	5
87	20	126	15
88	20	127	5
89	5	141	5
91	10	142	20
92	15	143	10
93	35	144	15
94	20	145	5
95	15	146	<5
96	15	147	5

..../3

018

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- 3 -

<u>Sample No's.</u>	<u>Cu ppm</u>
18/ 69/ 148 0	5
149	<5
150	10
151	5
152	15
153	10
154	10
155	20
156	40
157	15

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METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

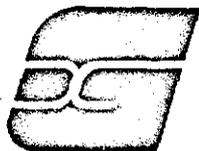
Please Note :- The copper level in these samples is too low to obtain an accuracy of  $\pm$  5 % relative by Atomic Absorption as requested.

*I. Hopper*  
I. Hopper (Mrs.)  
GENERAL MANAGER.

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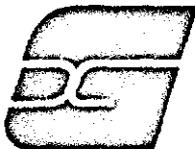
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<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Zn ppm</u>	<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Zn ppm</u>
18/ 69/ 81 C	25	60	18/ 69/167 C	20	35
90	40	85	168	130	45
101	15	105	169	205	70
130	30	40	170	235	75
131	40	50	171	70	70
132	50	55	172	90	70
133	45	60	173	135	80
134	95	100	174	70	70
135	45	125	175	105	70
136	65	105	176	50	30
137	35	40	177	60	75
138	5	60	178	50	75
139	40	30	179	70	95
140	25	25	180	70	65
160	35	30	181	85	100
161	30	25	182	70	75
162	30	25			
163	40	35			
164	60	35			
165	30	30			
166	30	30			

.... / 2


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<u>Sample No's.</u>	<u>Zn ppm</u>	<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/ 1 C	20	18/ 69/ 36 C	35
2	30	37	20
3	15	39	15
4	15	40	45
5	<5	41	30
6	<5	42	45
7	5	43	60
8	5	44	35
9	25	45	40
11	25	46	40
27	25	47	25
28	60	48	30
29	25	49	35
30	25	50	65
31	25	51	65
32	35	52	50
33	50	53	55
34	50	54	55
35	15	55	65
		56	55

021

<u>Sample No's.</u>	<u>Zn ppm</u>	<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/ 57 C	85	18/ 69/ 98 C	70
58	15	99	70
59	60	100	60
60	70	102	75
61	70	103	90
62	75	104	90
63	115	105	60
64	60	106	70
65	15	107	70
66	5	108	75
67	80	109	110
68	20	110	70
69	20	111	90
70	10	112	55
71	10	113	45
72	70	114	65
73	70	115	105
74	115	116	50
75	100	117	140
76	65	118	35
77	90	119	25
80	80	120	20
82	85	121	30
83	55	122	55
84	95	123	190
85	115	124	85
86	45	125	80
87	100	126	65
88	105	127	20
89	35	141	70
91	90	142	275
92	60	143	35
93	140	144	155
94	80	145	115
95	80	146	55
96	90	147	20
97	70	148	70

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<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/ 149 C	20
150	15
151	65
152	30
153	15
154	15
155	15
156	40
157	35

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METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

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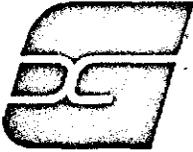
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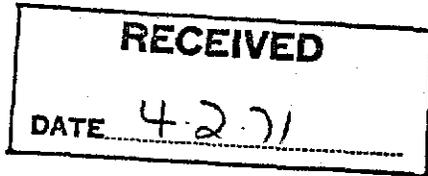
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		<u>Mo</u>	<u>W</u>	<u>Zn</u>	<u>Cu</u>
18/69	129	5	2	25	55
	158	2	5	45	50
	159	3	5	95	230

024


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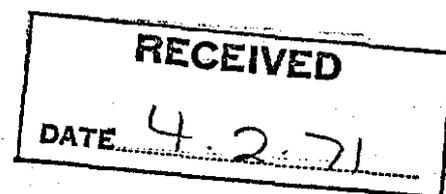
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 152 Little Lonsdale Street,  
MELBOURNE. 3000

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<u>Sample No's.</u>	<u>W ppm</u>	<u>Sample No's.</u>	<u>W ppm</u>
18/ 69/ 1 B	<2	18/ 69/ 39 B	<2
2	3	40	<2
3	<2	41	<2
4	<2	42	<2
5	<2	43	<2
6	3	44	<2
7	<2	45	<2
8	<2	46	<2
9	4	47	<2
11	<2	48	<2
27	3	49	<2
28	<2	50	<2
29	<2	51	<2
30	<2	52	<2
31	<2	53	<2
32	<2	54	<2
33	<2	55	<2
34	<2	56	<2
35	<2	57	<2
36	<2	58	<2
37	3		

<u>Sample No's.</u>	<u>W ppm</u>
18/ 69/59 B	<2
60	<2
61	<2
62	<2
63	<2
64	<2
65	<2
66	<2
67	<2
68	<2
69	<2
70	<2
71	<2
72	<2
73	<2
74	<2
75	<2
76	<2
77	<2



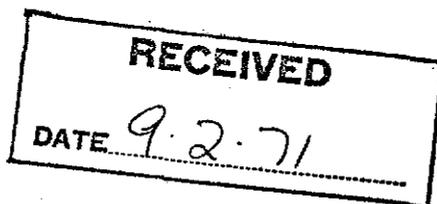
METHOD. Colorimetric Dithiol.

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I. Hopper (Mrs.)  
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MELBOURNE. 3000

Your Order No. AS 0140

<u>Sample No's.</u>	<u>W ppm</u>	<u>Sample No's.</u>	<u>W ppm</u>
18/ 69/ 82 B	11	18/ 69/105 B	12
83	2	106	2
84	4	107	5
85	6	108	4
86	3	109	<2
87	<2	110	6
88	13	111	<2
89	10	112	7
91	4	113	13
92	<2	114	3
93	15	115	4
94	2	116	<2
95	2	117	2
96	3	118	2
97	4	119	7
98	<2	120	4
99	<2	121	2
100	<2	122	20
102	<2	123	10
103	10	124	10
104	6	125	7

<u>Sample No's.</u>	<u>W ppm</u>
18/ 69/ 126 B	3
127	4
141	< 2
142	9
143	5
144	10
145	5
146	13
147	6
148	2
149	3
150	4
151	2
152	11
153	4
154	< 2
155	2
156	2
157	2

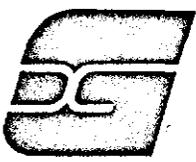
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METHOD. Colorimetric Dithiol.

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I. Hopper (Mrs.)  
GENERAL MANAGER.

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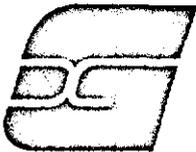
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MELBOURNE.            3000

Your Order No.            AS 0148

<u>Sample No's.</u>	<u>W ppm</u>	<u>Sample No's.</u>	<u>W ppm</u>
18/ 69/ 130 B	2	18/ 69/ 169 B	<2
131	11	170	<2
132	8	171	2
133	4	172	7
134	6	173	<2
135	8	174	5
136	5	175	2
137	<2	176	4
138	6	177	<2
139	4	178	<2
140	4	179	<2
160	<2	180	<2
161	2	181	<2
162	4	182	<2
163	<2		
164	4		
165	4		
166	13		
167	10		
168	<2		

029



GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.

REGISTERED OFFICE: 4-8 GWYNNE STREET, RICHMOND, VICTORIA, AUSTRALIA, 3121  
TELEPHONE: 42 4706 42 4707 TELEX: 31961 CABLES: GRINLABS MELBOURNE

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DATE

8.2.71

5th February, 1971.

Job No. 71/ 48Attention: Mr. M. Rangott.E. A. Webb & Associates Pty. Ltd.,  
152 Little Lonsdale Street,  
MELBOURNE. 3000Your Order No. AS 0140

<u>Sample No's.</u>	<u>Mo ppm</u>	<u>Sample No's.</u>	<u>Mo ppm</u>
18/ 69/ 1 B	<2	18/ 69/ 39 B	<2
2	<2	40	2
3	<2	41	<2
4	<2	42	<2
5	2	43	<2
6	<2	44	<2
7	<2	45	2
8	<2	46	2
9	<2	47	2
11	3	48	<2
27	<2	49	<2
28	<2	50	<2
29	<2	51	2
30	<2	52	<2
31	<2	53	<2
32	<2	54	<2
33	<2	55	<2
34	2	56	3
35	<2	57	2
36	<2	58	2
37	<2	59	2

.... / 2

ASSAYERS — ANALYTICAL CHEMISTS — SAMPLERS

OFFICES IN: JAPAN — FAR EAST — EUROPE — NORTH AMERICA

<u>Sample No's.</u>	<u>Mo ppm</u>	<u>Sample No's.</u>	<u>Mo ppm</u>
18/ 69/ 60 B	2	18/ 69/ 102 B	2
61	<2	103	<2
62	2	104	2
63	2	105	2
64	<2	106	<2
65	2	107	<2
66	<2	108	<2
67	<2	109	<2
68	<2	110	2
69	<2	111	<2
70	<2	112	2
71	<2	113	2
72	2	114	2
73	<2	115	3
74	2	116	2
75	3	117	<2
76	2	118	<2
77	<2	119	<2
80	2	120	2
82	2	121	<2
83	2	122	<2
84	<2	123	<2
85	<2	124	<2
86	<2	125	<2
87	<2	126	<2
88	2	127	2
89	<2	141	<2
91	<2	142	2
92	2	143	<2
93	<2	144	<2
94	<2	145	<2
95	<2	146	<2
96	<2	147	<2
97	<2	148	<2
98	<2	149	<2
99	<2	150	<2
100	<2	151	<2

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 DATE 8.2.71

- 3 -

<u>Sample No's.</u>	<u>Mo ppm</u>
18/ 69/ 152 B	2
153	<2
154	2
155	<2
156	<2
157	<2

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

*I. Hopper*  
 I. Hopper (Mrs.)  
GENERAL MANAGER.

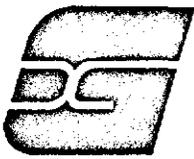
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DATE

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031


**GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.**

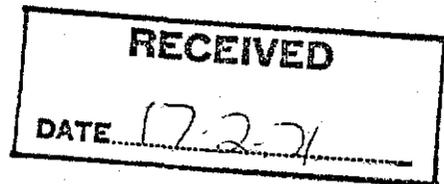

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 TELEPHONE: 42 4706 42 4707    TELEX: 31961    CABLES: GRINLABS MELBOURNE

17th February, 1971.

Job No.    71/ 79

Attention:    Mr. M. Rangott.

E. A. Webb & Associates Pty. Ltd.,  
 152 Little Lonsdale Street,  
MELBOURNE.    3000



Your Order No.    AS    0148

<u>Sample No's.</u>	<u>Mo ppm</u>	<u>Sample No's.</u>	<u>Mo ppm</u>
18/ 69/ 130 B	6	18/ 69/ 169 B	3
131	3	170	2
132	3	171	3
133	5	172	3
134	5	173	3
135	5	174	2
136	3	175	2
137	3	176	4
138	3	177	3
139	3	178	2
140	3	179	2
160	2	180	<2
161	3	181	2
162	2	182	3
163	2		
164	3		
165	2		
166	3		
167	<2		
168	<2		

033

APPENDIX 1B

ANALYTICAL RESULTS

AND

DESCRIPTION

OF

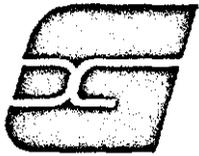
ROCK SAMPLES

034

909035

ROCK TYPES AND LOCATION

<u>Sample No.</u>	<u>Rock Type</u>	<u>Location</u>
R 3	Granite float	Between tracks 3 and 4
R14	Quartzite	Sample site 14
R18	Schist	Sample site 18
R32	Dolerite	East of sample site 32
R33	Basalt	" " " " "
R57	Quartzite	Sample site 57
R59	Schist	Sample site 59
R60	Quartz float	Sample site 60


**GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.**


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 TELEPHONE: 42 4706 42 4707    TELEX: 31961    CABLES: GRINLABS MELBOURNE

13th January, 1971.

Job No.    70/ 884

Attention:    Mr. G. A. McLellan.

E. A. Webb & Associates Pty. Ltd.,  
 152 Little Lonsdale Street,  
MELBOURNE.    3000

Your Order No.    AS    0138

<u>Sample No's.</u>	<u>Mo ppm</u>	<u>W ppm</u>	<u>Cu ppm</u>	<u>Bi ppm</u>
18/69/ R 14	3	6	55	20
R 18	3	8	10	<10
R 32	9	<2	50	<10
R 33	3	2	240	<10
R 57	5	10	15	<10
R 59	3	58	30	<10
R 60	6	<2	5	<10

METHODS.    Mo, Cu    =    Atomic Absorption  $\pm$  15 % Relative Accuracy.  
                   W                =    Colorimetric Dithiol.  
                   Bi                =    Atomic Absorption  $\pm$  7 % Relative Accuracy.

*J. Hopper*  
 I. Hopper (Mrs.)  
GENERAL MANAGER.

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DATE 15-1-71

**SPECTROMETER SERVICES PTY. LTD.**

29-31 C Lon Street North Melbourne 3051

Phones: 30 3910  
30 3960

ANALYSIS DIVISION:  
NEWLANDS ROAD, COBURG, 3058  
Phones: 350 1766  
350 1309

M70/158TM

036

**SPECTROGRAPHIC AND CHEMICAL ANALYSTS**

REC 3  
DATE 4.2.71

ANALYSIS REPORT FOR:

E.A. Webb & Associates Pty. Ltd.,  
152 Lt. Lonsdale Street  
MELBOURNE. 3000

PURCHASE ORDER No. AS 0139  
DATE 3rd. February 1971

SAMPLE	Cu	Pb	Zn	Ni	Co	Sn	W	Mo	Bi	As	Sb	Be	Mn	Cr	V	Fe	Nb	Ag	Ga	Ge
18/69/R3.	10	35	30	8	4	1000	20	1	8	<30	<30	4	150	110	10	>1%	<15	1	100	<10

NOTE: All results in PPM. except Fe.



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SPECTROMETER SERVICES PTY. LTD.

BY *[Signature]*

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909037

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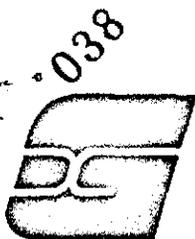
APPENDIX 2

ANALYTICAL RESULTS

for

RECONNAISSANCE STREAM SEDIMENT SURVEY

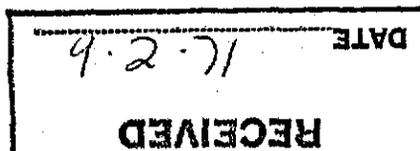
MERSEY - ARM RIVER REGION



038  
**GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.**



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 TELEPHONE: 42 4706 42 4707 TELEEX: 31961 CABLES: GRINLABS MELBOURNE



8th February, 1971.

Job No. 71/ 68

Attention: Mr. M. Rangott.

E. A. Webb & Associates Pty. Ltd.,  
 152 Little Lonsdale Street,  
MELBOURNE. 3000

Your Order No. AS 0145

<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Sample No's.</u>	<u>Cu ppm</u>
18/69/ 1001 C	70	18/69/1016 C	20
2	40	18	20
3	30	19	30
4	20	20	25
5	30	21	25
6	30	22	20
7	50	23	20
8	30	24	20
9	40	25	20
10	25	26	25
11	15	27	20
12	25	28	20
13	25	29	25
14	20	30	30
15	35		

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

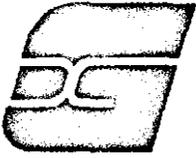
*J. Hopper*  
 I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation,  
 276 Pitt Street,  
SYDNEY. N.S.W. 2000

ASSAYERS — ANALYTICAL CHEMISTS — SAMPLERS

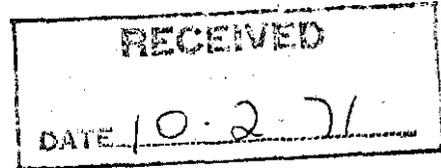
OFFICES IN: JAPAN — FAR EAST — EUROPE — NORTH AMERICA

039


**GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.**

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 TELEPHONE: 42 4706 42 4707    TELEX: 31961    CABLES: GRINLABS MELBOURNE

9th February, 1971.

Job No. 71/ 74Attention: Mr. M. Rangott.
 E. A. Webb & Associates Pty. Ltd.,  
 152 Little Lonsdale Street,  
MELBOURNE. 3000
Your Order No. AS 0147

<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Sample No's.</u>	<u>Cu ppm</u>
18/ 69/1031 C	255	18/ 69/1053 C	30
32	80	54	30
33	40	55	35
34	50	56	35
35	45	57	25
36	60	58	25
37	35	59	95
38	30	60	20
39	35	61	60
40	30	62	25
41	35	63	60
42	30	64	50
43	15	65	80
44	35	66	70
45	25	67	50
46	20	68	55
47	30	69	35
48	25	70	40
49	45	71	65
50	50	72	45
51	30	73	40
52	75	74	40

.... / 2

ASSAYERS — ANALYTICAL CHEMISTS — SAMPLERS

OFFICES IN: JAPAN — FAR EAST — EUROPE — NORTH AMERICA

040

Sample No's.

Cu ppm

Sample No's.

Cu ppm

18/ 69/1075 C  
 76  
 77  
 78  
 79  
 80  
 81  
 82  
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 85  
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 50  
 80  
 100  
 85  
 75  
 170  
 45  
 35  
 50  
 70  
 125  
 105  
 85  
 50

18/ 69/1114 C  
 15  
 16  
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 18  
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 25  
 40  
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 65  
 25  
 40  
 30  
 35  
 40  
 30  
 40  
 40  
 10<sup>x</sup>  
 30  
 15  
 20  
 20  
 65  
 Insufficient Sample  
 45  
 30  
 35  
 80  
 30  
 20  
 10  
 5

18/ 69/1100  
 1  
 2  
 3  
 4  
 5  
 6  
 7  
 8  
 9  
 10  
 11  
 12  
 13

50  
 10  
 5  
 5  
 15  
 10  
 70  
 20  
 25  
 15  
 25  
 40  
 10  
 15

Insufficient Sample

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DATE 10.2.74

041

<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Sample No's.</u>	<u>Cu ppm</u>
18/ 69/1153 C	10	18/ 69/1177 C	70
54	15	78	105
55	10	79	145
56	10	80	60
57	20	81	50
58	15	82	130
59	25	83	35
60	20 <sup>x</sup>	84	90
61	130	85	65
62	100	86	110
63	95	87	50
64	135	88	35
65	85	89	40
66	55	90	75
67	30	91	45
68	20	92	40
69	210	93	60
70	85	94	55
71	35	95	50
72	20	96	40
73	50	97	60
74	95	98	40
75	50	99	55
76	75		

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10.2.71

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

*I. Hopper*  
I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation.  
276 Pitt Street,  
SYDNEY. n.s.w. 2000


**GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.**


REGISTERED OFFICE: 4-8 GWYNNE STREET, RICHMOND, VICTORIA, AUSTRALIA, 3121  
 TELEPHONE: 42 4706 42 4707 TELEX: 31961 CABLES: GRINLABS MELBOURNE

9th February, 1971.

Job No. 71/ 68

Attention: Mr. M. Rangott.

E. A. Webb & Associates Pty. Ltd.,  
 152 Little Lonsdale Street,  
MELBOURNE. 3000

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DATE 10.2.71

Your Order No. AS 0145

<u>Sample No's.</u>	<u>Zn ppm</u>	<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/ 1001 C	45	18/ 69/ 1016 C	40
2	60	18	120
3	45	19	60
4	55	20	60
5	60	21	50
6	120	22	35
7	65	23	40
8	45	24	60
9	60	25	60
10	50	26	60
11	30	27	50
12	50	28	40
13	55	29	50
14	55	30	70 ✓
15	70 ✓		

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

*J. Hopper*  
 I. Hopper (Mrs.)  
GENERAL MANAGER.

043


**GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.**

 REGISTERED OFFICE: 4-8 GWYNNE STREET, RICHMOND, VICTORIA, AUSTRALIA, 3121  
 TELEPHONE: 42 4706 42 4707    TELEX: 31961    CABLES: GRINLABS MELBOURNE

9th February, 1971.

Job No. 71/ 74Attention: Mr. M. Rangott.

<b>RECEIVED</b>
DATE 10.2.71

 E. A. Webb & Associates Pty. Ltd.,  
 152 Little Lonsdale Street,  
MELBOURNE. 3000
Your Order No. AS 0147

<u>Sample No's.</u>	<u>Zn ppm</u>	<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/1031 C	170	18/ 69/1053 C	100
32	95	54	70
33	70	55	55
34	70	56	95
35	95	57	85
36	85	58	60
37	85	59	90 +
38	85	60	100
39	85	61	85
40	60	62	40
41	90	63	100
42	55	64	85
43	65	65	120
44	80	66	115
45	75	67	85
46	45	68	120
47	65	69	135
48	70	70	145
49	80	71	160
50	105	72	130
51	80	73	120
52	75	74	105

ASSAYERS — ANALYTICAL CHEMISTS — SAMPLERS

OFFICES IN: JAPAN — FAR EAST — EUROPE — NORTH AMERICA

.... /2

044

Sample No's.

Zn ppm

Sample No's.

Zn ppm

<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/1075 C	90
76	140
77	145
78	75
79	115
80	125
81	95
82	130
83	120
84	100
85	45
86	85
87	135
88	110
89	155
90	155
91	170
92	215
93	100
94	80
95	140
96	110
97	150
98	Insufficient sample
99	"

<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/1100 C	130
1	20
2	10
3	20
4	40
5	5
6	100
7	65
8	115
9	25
10	90
11	115
12	15
13	25 ✓

<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/1114 C	30
15	35
16	15
17	50
18	40
19	50
20	25
21	40
22	15
23	100
24	20
25	20
26	25
27	40
28	10
29	35
30	15
31	65
32	50
33	75
34	50
35	75
36	75
37	35
38	15
39	30
40	40
41	95
42	50
43	80
44	Insufficient sample
45	100
46	70
47	95
48	130
49	70
50	45
51	55
52	10 ✓

045

<u>Sample No's.</u>	<u>Zn ppm</u>	<u>Sample No's.</u>	<u>Zn ppm</u>
18/ 69/1153 C	10	18/ 69/1177 C	95
54	55	78	100
55	55	79	85
56	65	80	150
57	55	81	85
58	50	82	220
59	40	83	85
60	60+	84	80
61	95	85	130
62	140	86	85
63	75	87	65
64	145	88	60
65	55	89	150
66	40	90	70
67	15	91	60
68	20	92	185
69	90	93	85
70	45	94	135
71	35	95	75
72	45	96	80
73	45	97	70
74	90	98	85
75	55	99	85
76	95		

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10.2.71

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

*I. Hopper*  
I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation.,  
276 Pitt Street,  
SYDNEY. N.S.W. 2000

046

- 2 -

909047

<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Zn ppm</u>	<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Zn ppm</u>
18/69/1205 C	50	30	18/69/1251 C	45	30
6	25	25	52	85	40
7	125	90	53	50	35
8	95	145	54	70	40
9	60	770	55	35	60
10	55	315	56	70	60
11	90	150	57	40	30
12	65	35	58	25	40
13	45	30	59	60	85
14	85	40	60	80	130
15	45	30	61	35	110
16	40	20	62	60	80
17	65	40	63	55	85
18	30	25	64	25	45
19	125	65	65	45	120
20	50	70	66	40	70
21	35	70	67	30	60
24	30	45	68	40	55
25	90	50	69	60	60
26	95	130	70	30	40
27	100	75	71	50	40
28	110	60	72	60	55
29	60	50	73	90	65
30	100	45	74	80	60
31	35	15	75	65	30
32	35	105	76	35	40
33	40	70	77	30	55
34	50	60	78	55	40
35	55	105	79	35	30
36	45	60	80	20	20
37	50	55	81	50	90
38	45	60	82	35	60
39	90	55	83	30	50
40	50	25	84	30	40
41	170	105	85	65	50
42	25	30	86	65	205
43	45	30	87	90	80
44	55	65	88	40	75

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047

- 3 -

909048

<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Zn ppm</u>	<u>Sample No's.</u>	<u>Cu ppm</u>	<u>Zn ppm</u>
18/69/1289 C	50	40	18/69/1309 C	55	50
90	45	40	10	25	55
91	65	55	11	30	50
92	55	55	12	15	40
93	45	70	13	15	35
94	65	70	14	55	85
95	60	100	21	120	140
96	35	40	18/69/1200	150	75
97	55	60	1	65	60
98	35	50	2	390	130
99	205	150	3	295	120
300	195	300	4	105	95
1	45	25			
2	50	85			
3	65	100			
4	55	115			
5	40	100			
6	55	70			
7	40	25			
8	30	25			

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DATE 15-2-71

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

  
I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation,  
276 Pitt Street,  
SYDNEY. N.S.W. 2000



048

GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.



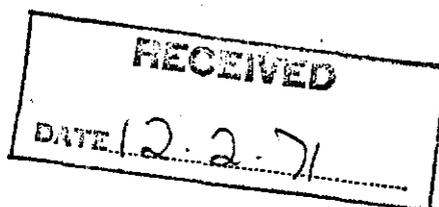
REGISTERED OFFICE: 4-8 GWYNNE STREET, RICHMOND, VICTORIA, AUSTRALIA. 3121  
TELEPHONE: 42 4706 42 4707 TELEX: 31961 CABLES: GRINLABS MELBOURNE

11th February, 1971.

Job No. 71/ 68

Attention: Mr. M. Rangott.

E. A. Webb & Associates Pty. Ltd.,  
152 Little Lonsdale Street,  
MELBOURNE. 3000



Your Order No. AS 0145

<u>Sample No's.</u>	<u>Mo ppm</u>	<u>Sample No's.</u>	<u>Mo ppm</u>
18/ 69/1001 B	4	18/ 69/1016 B	3
2	2	18	<2
3	<2	19	<2
4	<2	20	2
5	2	21	<2
6	2	22	<2
7	2	23	2
8	<2	24	2
9	<2	25	6
10	2	26	2
11	<2	27	2
12	3	28	<2
13	2	29	2
14	4	30	2
15	3		

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

*I. Hopper*  
I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation,  
276 Pitt Street,  
SYDNEY. N.S.W. 2000

ASSAYERS — ANALYTICAL CHEMISTS — SAMPLERS

OFFICES IN: JAPAN — FAR EAST — EUROPE — NORTH AMERICA

049

<u>Sample No.</u>	<u>W</u>
18/69/ 1001	5
2	2
3	< 2
4	4
5	7
6	6
7	< 2
8	12
9	8
10	< 2
11	12
12	< 2
13	6
14	< 2
15	< 2
16	< 2
17	-
18	< 2
19	4
20	4
21	< 2
22	6
23	< 2
24	12
25	10
26	< 2
27	2
28	6
29	6
30	< 2

050



GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.



REGISTERED OFFICE: 4-8 GWYNNE STREET, RICHMOND, VICTORIA, AUSTRALIA, 3121  
 TELEPHONE: 42 4706 42 4707    TELEX: 31961    CABLES: GRINLABS MELBOURNE

12th February, 1971.

Job No. 71/ 74

RECEIVED

Attention: Mr. M. Rangott.

DATE 12-2-71

E. A. Webb & Associates Pty. Ltd.,  
 152 Little Lonsdale Street,  
MELBOURNE. 3000

Your Order No. AS 0147

<u>Sample No's.</u>	<u>Mo ppm</u>	<u>W ppm</u>	<u>Sample No's.</u>	<u>Mo ppm</u>	<u>W ppm</u>
18/ 69/1031 B	17	3	18/ 69/1052 B	2	<2
32	4	2	53	2	<2
33	3	<2	54	4	4
34	4	<2	55	3	11
35	4	<2	56	2	4
36	4	<2	57	3	<2
37	4	<2	58	4	<2
38	3	<2	59	3	7
39	5	<2	60	4	<2
40	2	<2	61	3	4
41	4	<2	62	3	<2
42	4	<2	63	3	<2
43	4	<2	64	4	<2
44	16	<2	65	4	<2
45	4	<2	66	4	<2
46	4	<2	67	2	<2
47	4	<2	68	4	<2
48	3	<2	69	3	4
49	2	<2	70	3	<2
50	3	<2	71	4	<2
51	3	<2	72	3	<2

.... 2

ASSAYERS — ANALYTICAL CHEMISTS — SAMPLERS

OFFICES IN: JAPAN — FAR EAST — EUROPE — NORTH AMERICA

051

- 2 -

909052

<u>Sample No's.</u>	<u>Mo ppm</u>	<u>W ppm</u>	<u>Sample No's.</u>	<u>Mo ppm</u>	<u>W ppm</u>
18/ 69/1073 B	4	<2	18/ 69/1111 B	2	<2
74	2	<2	12	2	<2
75	3	3	13	4	<2
76	4	<2	14	5	<2
77	3	3	15	4	4
78	2	<2	16	4	7
79	3	<2	17	5	T/F
80	3	<2	18	3	T/F
81	3	<2	19	3	10
82	2	<2	20	2	6
83	3	<2	21	4	6
84	3	15	22	4	8
85	3	<2	23	3	<2
86	3	<2	24	3	3
87	3	12	25	2	T/F
88	3	<2	26	3	3
89	2	3	27	2	19
90	3	2	28	3	<2
91	3	<2	29	2	6
92	4	<2	30	4	2
93	4	<2	31	2	<2
94	3	3	32	2	<2
95	2	2	33	2	<2
96	3	<2	34	2	<2
97	Insufficient sample	2	35	4	2
98	"	<2	36	4	<2
99	2	<2	37	<2	4
100	3	<2	38	2	<2
101	<2	<2	39	3	<2
102	2	<2	40	4	<2
103	3	4	41	3	2
104	3	2	42	4	<2
105	3	<2	43	2	4
106	3	<2	44	<2	8
107	4	2	45	2	<2
108	3	<2	46	2	<2
109	3	4	47	2	2
110	2 ✓	<2 ✓	48	3 ✓	3 ✓

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DATE 12-2-71

052

909053

<u>Sample No's.</u>	<u>Mo ppm</u>	<u>W ppm</u>	<u>Sample No's</u>	<u>Mo ppm</u>	<u>W ppm</u>
18/ 69/1149 B.	4	4	18/ 69/1175 B	2	
50	3	10	76	4	
51	3		77	3	
52	4		78	2	
53	3		79	4	
54	3		80	3	
55	2		81	3	
56	3		82	3	
57	4		83	4	
58	4		84	4	
59	3		85	5	
60	4		86	4	
61	3		87	4	
62	4		88	2	
63	3		89	4	
64	5		90	4	
65	4		91	4	
66	3		92	8	
67	5		93	3	
68	3		94	7	
69	3		95	13	
70	2		96	3	
71	4		97	3	
72	3		98	3	
73	3		99	3	
74	4				

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 DATE 12-2-71

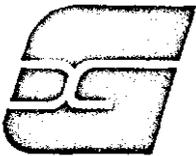
METHOD. Mo = Atomic Absorption  $\pm$  15 % Relative Accuracy.  
 W = Colorimetric Dithiol.

*I. Hopper*  
 I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation,  
 276 Pitt Street,  
 SYDNEY. N.S.W. 2000

053

909054



# GRIFFITH-INTECO (AUSTRALIA) PTY. LTD.



REGISTERED OFFICE: 4-8 GWYNNE STREET, RICHMOND, VICTORIA, AUSTRALIA, 3121  
TELEPHONE: 42 4706 42 4707    TELEX: 31961    CABLES: GRINLABS MELBOURNE

15th February, 1971.

Job No.    71/ 74

Attention:    Mr. M. Rangott.

**RECEIVED**  
DATE 15-2-71

E. A. Webb & Associates Pty. Ltd.,  
152 Little Lonsdale Street,  
MELBOURNE.    3000

Your Order No.    AS    0147

<u>Sample No's.</u>	<u>W ppm</u>	<u>Sample No's.</u>	<u>W ppm</u>
18/ 69/1151    B	2	18/ 69/1171    B	10
52	2	72	<2
53	2	73	6
54	<2	74	7
55	2	75	<2
56	<2	76	6
57	<2	77	12
58	<2	78	2
59	<2	79	7
60	<2	80	6
61	<2	81	2
62	10	82	<2
63	4	83	<2
64	<2	84	2
65	4	85	6
66	2	86	<2
67	2	87	2
68	6	88	4
69	<2	89	4
70	6	90	<2

.... / 2

054

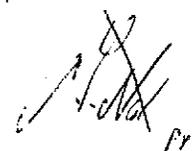
909055

<u>Sample No's.</u>	<u>W ppm</u>
18/ 69/1191 B	2
92	9
93	4
94	8
95	2
96	<2
97	7
98	9
99	<2
18/ 69/1117 B	6 *
18	2 *
25	6 *

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 DATE 15-2-71

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.

\* = Previously reported as to follow.



I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation,  
276 Pitt Street,  
SYDNEY. 2000

Sample No	W	Mo
18/ 69/1200	<2	3
1	<2	3
2	7	3
3	4	3
4	4	2
5	12	<2
		.... / 2

TS — SAMPLERS  
DPE — NORTH AMERICA

056

909057

RECEIVED  
DATE 17.2.71

Sample No's.

Mo ppm

Sample No's.

Mo ppm

18/ 69/1206 B  
 7  
 8  
 9  
 10  
 11  
 12  
 13  
 14  
 15  
 16  
 17  
 18  
 19  
 20  
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 3  
 2  
 2  
 3  
 5  
 T/F  
 11  
 3

18/ 69/1251 B  
 52  
 53  
 54  
 55  
 56  
 57  
 58  
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 60  
 61  
 62  
 63  
 64  
 65  
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 82  
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 85  
 86  
 87

2  
 <2  
 2  
 2  
 <2  
 3  
 3  
 <2  
 3  
 5  
 5  
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 2  
 4  
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 3  
 3  
 3  
 2  
 3  
 5  
 2

057

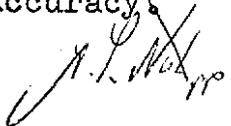
<u>Sample No's.</u>	<u>Mo ppm</u>	<u>Sample No's.</u>	<u>Mo ppm</u>
18/ 69/1288 B	4	18/ 69/1311 B	3
89	2	12	<2
90	<2	13	<2
91	<2	14	2
92	<2	21	4
93	<2		
94	2		
95	3		
96	2		
97	2		
98	2		
99	3		
1300	2		
1	2		
2	3		
3	2		
4	2		
5	2		
6	2		
7	2		
8	<2		
9	2		
10	2		

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DATE

17.2.71

METHOD. Atomic Absorption  $\pm$  15 % Relative Accuracy.



I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation,  
276 Pitt Street,  
SYDNEY. N.S.W. 2000

0.5R

Sample No'sW ppmSample No's.W ppm

18/ 69/1206 B

5

18/ 69/1251 B

5

7 5  
8 3  
9 2  
10 8  
11 <2  
12 5  
13 10  
14 5  
15 6  
16 10  
17 5  
18 15  
19 6  
20 <2  
21 <2  
24 4  
25 4  
26 <2  
27 <2  
28 10  
29 5  
30 4  
31 4  
32 <2  
33 4  
34 8  
35 8  
36 2  
37 4  
38 10  
39 <2  
40 10  
41 9  
42 14  
43 4  
44 4

52 10  
53 7  
54 <2  
55 5  
56 <2  
57 7  
58 <2  
59 4  
60 4  
61 <2  
62 5  
63 <2  
64 2  
65 2  
66 <2  
67 5  
68 <2  
69 4  
70 2  
71 2  
72 6  
73 5  
74 4  
75 8  
76 4  
77 6  
78 3  
79 9  
80 5  
81 <2  
82 5  
83 3  
84 6  
85 <2  
86 5  
87 4

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DATE 11.2.71

059

<u>Sample No's.</u>	<u>W ppm</u>	<u>Sample No's.</u>	<u>W ppm</u>
18/ 69/1288 B	11	18/ 69/1311 B	5
89	2	12	4
90	2	13	5
91	8	14	<2
92	<2	21	5
93	5		
94	5		
95	4		
96	<2		
97	4		
98	<2		
99	6		
1300	3		
1	4		
2	<2		
3	<2		
4	<2		
5	2		
6	2		
7	2		
8	5		
9	3		
10	<2		

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 17276

METHOD. ~~XXXXXXXXXXXXXXXXXXXX~~

Colorimetric Dithiol.



I. Hopper (Mrs.)  
GENERAL MANAGER.

c.c. International Mining Corporation,  
276 Pitt Street,  
SYDNEY. N.S.W. 2000

LEGEND

- QUATERNARY
- △ Qt △ D. scree and B. talus
  - Q · Till and alluvium
  - △ Qs △ Talus, till and marsh deposits

- PERMIAN
- Permian Groups

- Pre-cambrian
- Quartzites and schists

IGNEOUS ROCKS

- ▽ B ▽ TERTIARY Basalt
- ◇ D ◇ JURASSIC Dolerite
- + G + DEVONIAN? Granite

- GEOLOGICAL BOUNDARY
- UNCONFORMITY
- FAULT
- STRIKE & DIP
- X PROSPECT
- MERSEY-ARM R. AREA
- UPPER FORTH R. AREA



909061

SCALE 1 MILE TO 1 INCH

E.A.WEBB & ASSOCIATES PTY LTD 71-731.  
 FOR INTERNATIONAL MINING CORPORATION N. L.

GEOLOGICAL MAP OF E.L. 18 / 69 1118

**GEOCHEMICAL LEGEND**

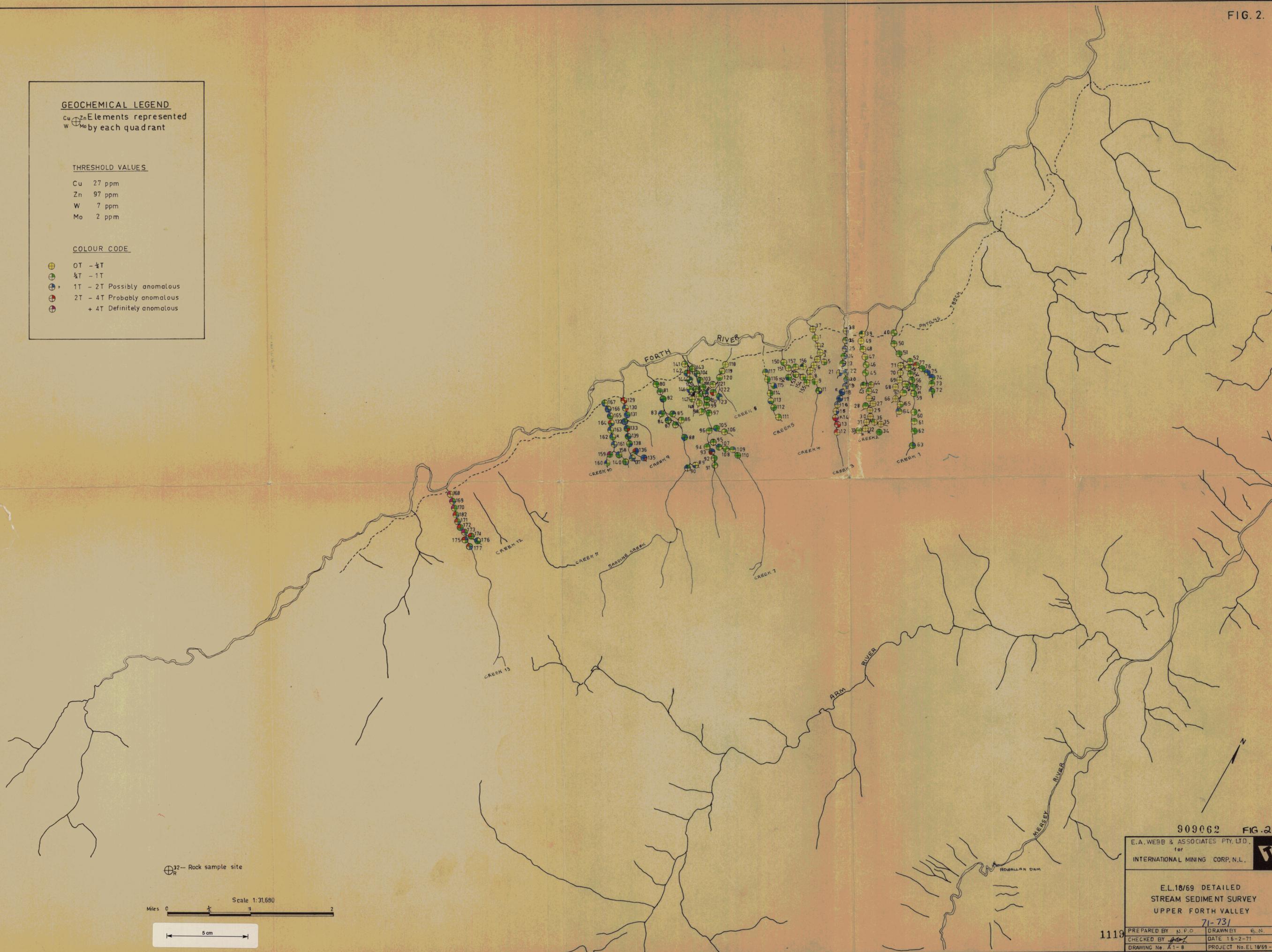
Cu, Zn Elements represented  
W Mo by each quadrant

**THRESHOLD VALUES**

Cu 27 ppm  
Zn 97 ppm  
W 7 ppm  
Mo 2 ppm

**COLOUR CODE**

- ⊕ OT - 1T
- ⊗ 1T - 2T Possibly anomalous
- ⊙ 2T - 4T Probably anomalous
- ⊕ + 4T Definitely anomalous



⊕<sub>R</sub> - Rock sample site

Miles 0 1 2  
Scale 1:31,680

5 cm

909062 FIG. 2

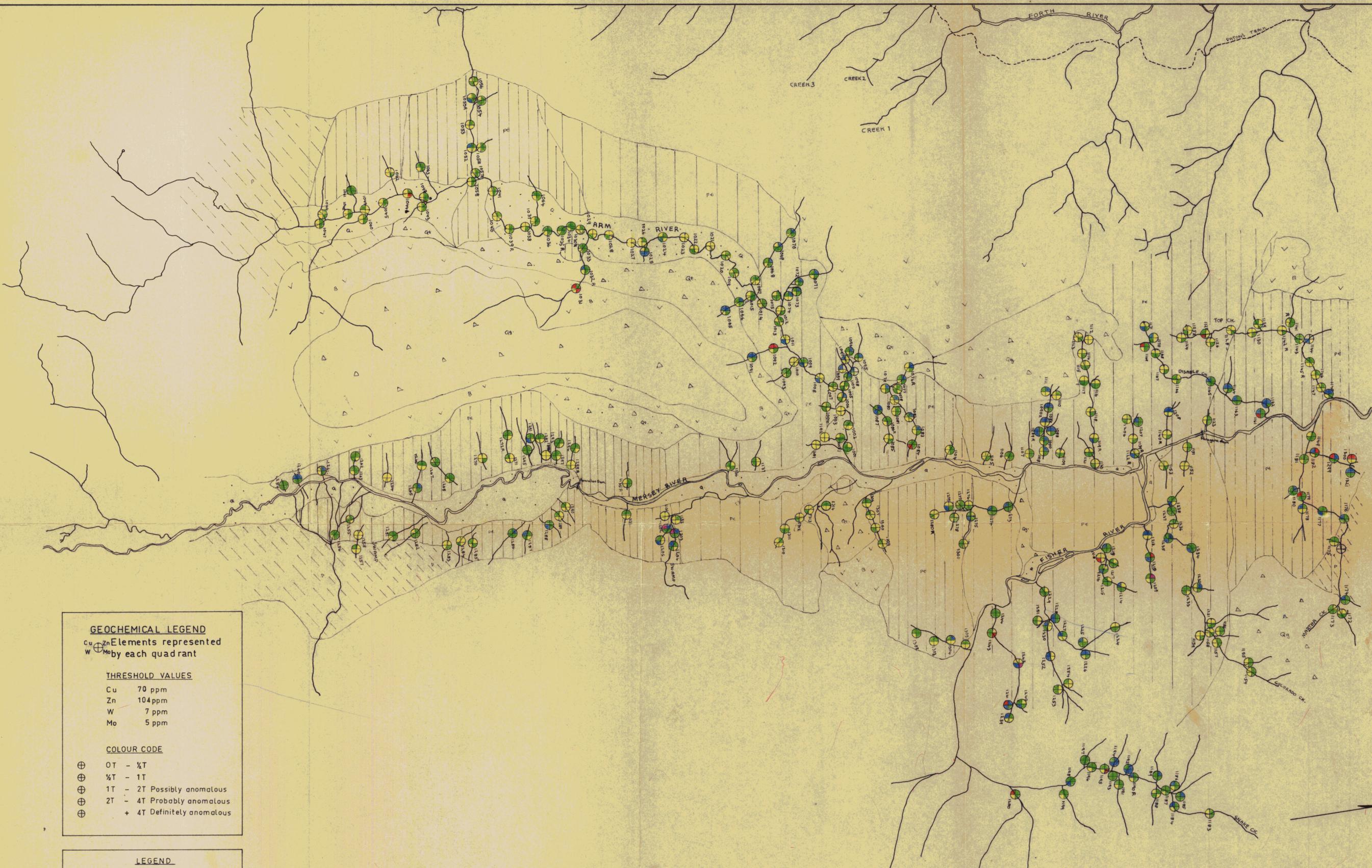
E.A. WEBB & ASSOCIATES PTY. LTD.  
for  
INTERNATIONAL MINING CORP. N.L.



E.L.10/69 DETAILED  
STREAM SEDIMENT SURVEY  
UPPER FORTH VALLEY

71-731

1119 PREPARED BY N.P.O.	DRAWN BY S.N.
CHECKED BY <i>[Signature]</i>	DATE 16-2-71
DRAWING No. A1-8	PROJECT No. EL 10/69-3



**GEOCHEMICAL LEGEND**

Cu Zn Elements represented  
W Mo by each quadrant

**THRESHOLD VALUES**

Cu 70 ppm  
Zn 104 ppm  
W 7 ppm  
Mo 5 ppm

**COLOUR CODE**

⊕ 0T - 1/2T  
⊕ 1/2T - 1T  
⊕ 1T - 2T Possibly anomalous  
⊕ 2T - 4T Probably anomalous  
⊕ + 4T Definitely anomalous

**LEGEND**

**QUATERNARY**

⊕ q1 Dolerite scree & Basalt tatus  
⊕ q Till & Alluvium  
⊕ q2 Tatus, Till & Marsh deposits

**PERMIAN**

▨ Permian Groups

**PRE-CAMBRIAN**

▨ Quartzites & Schists

**IGNEOUS ROCKS**

▨ TERTIARY Basalt

~ GEOLOGICAL BOUNDARY (Approx)

⊕ R — Rock sample site

Miles 0 1 2

Scale 1:31,680

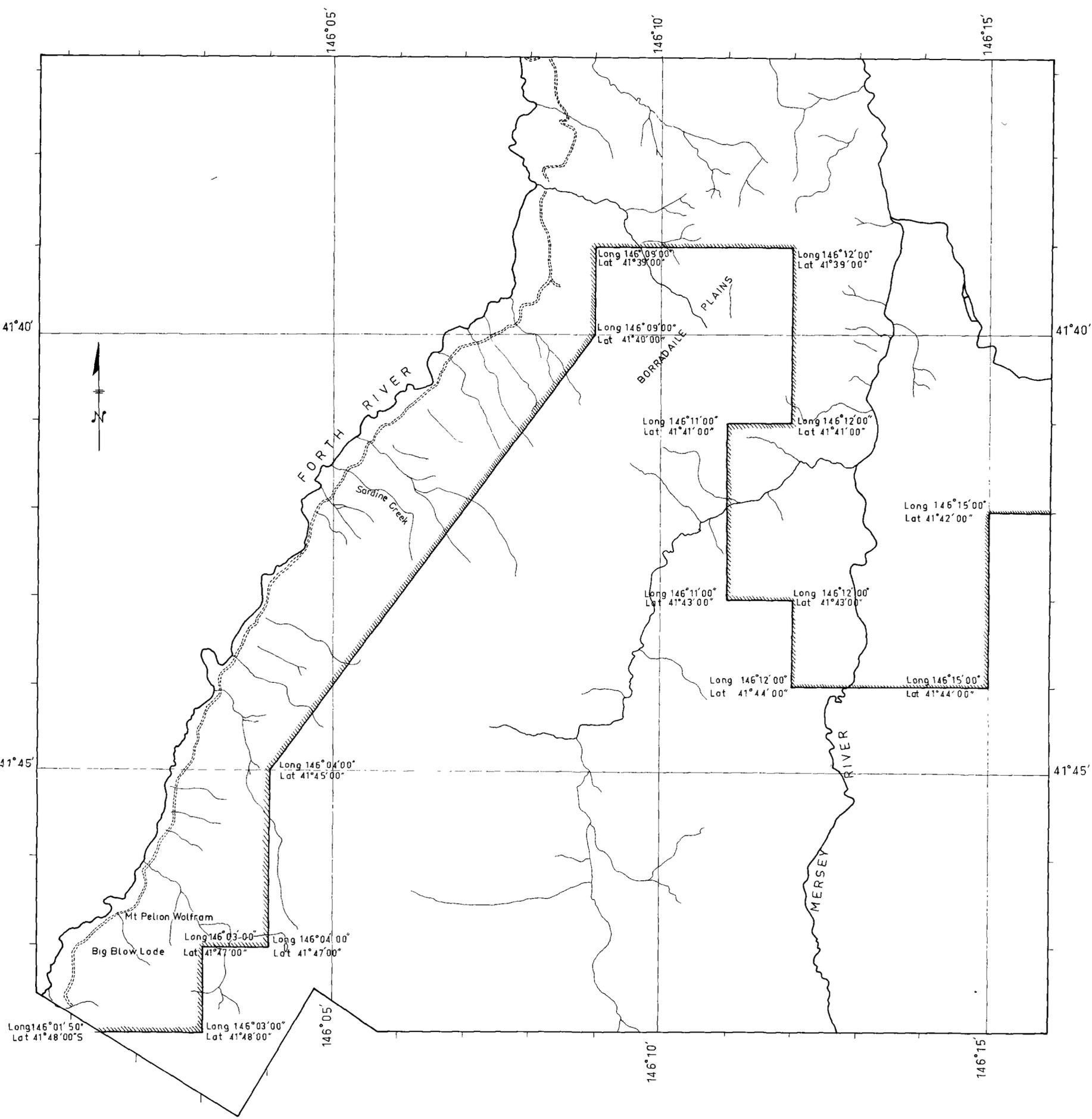
5 cm

1120  
909003 FIG. 3

E.A. WEBB & ASSOCIATES PTY. LTD.  
for  
INTERNATIONAL MINING CORP. N.L.

E.L.18/69 RECONNAISSANCE STREAM  
SEDIMENT SURVEY  
MERSEY-ARM RIVER VALLEYS  
71-731

PREPARED BY N.P.O.	DRAWN BY R.N.
CHECKED BY [Signature]	DATE 16-2-71
DRAWING No. A1-7	PROJECT No. EL18/69-2



LEGEND

 Area recommended for retention

Scale 1-63,360

1 1/2 0 1 2 miles

5 cm

909064 1121  
FIG. 4

E A WEBB & ASSOCIATES PTY LTD  
FOR  
INTERNATIONAL MINING CORPORATION



E L 18/69 AREA RECOMMENDED  
FOR RETENTION AFTER 2-3-71.

71-731.

PREPARED BY G McL	DRAWN BY T J H
CHECKED BY	DATE: 18-2-71
DRAWING N° A2-5	PROJECT N° EL18/69-4