



# BARRINGER RESEARCH

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GEOCHEMICAL LABORATORY REPORT NO. **46-A**

FROM: Amal Mining Corp  
Faw Yit.  
G. Simpson.

P.O. NO. \_\_\_\_\_ PROJECT NO. LAPIE-472

DATE RECEIVED July 29/74 DATE COMPLETED July 31/74

ANALYSED FOR	WEIGHT SAMPLE USED	EXTRACTION	METHOD OF ANALYSIS
<u>Cu Pb Zn</u>	<u>250 mgm</u>	<u>HClO<sub>4</sub></u>	<u>A.A.</u>

REMARKS:

APPROVED BY: SR

SAMPLE TYPE: SOILS	HClO <sub>4</sub> Cu ppm	Pb ppm	Zn ppm	SAMPLE #	Cu ppm	Pb ppm	Zn ppm							
SAMPLE NUMBER														
LID-1	36	39	105	LID -15(D)	22	34	130							
2	49	35	105	16	23	37	180							
3	37	30	95	17	23	32	160							
4	32	32	110	18	14	25	110							
5	26	25	100	19	20	34	130							
6	33	32	120	20	21	37	160							
7	34	33	120	30	36	46	115							
8	140	37	150	31	38	40	120							
9	69	38	170	LIE -58	24	32	190							
10	44	30	130	59	30	44	210							
11	19	48	87	60	24	42	180							
12	18	44	74	61	23	42	180							
13	38	42	77	62	24	44	200							
14	27	30	100	63	25	43	200							
15 <sup>1</sup>	21	47	100	64	22	41	170							
15 <sup>2</sup>	26	36	175	65	24	40	180							
15(A)	28	37	160	66	21	40	170							
15(B)	29	38	170	68	19	51	89							
15(C)	23	34	140	69	17	35	79							

SAMPLE TYPE: SOILS	HClO <sub>4</sub> Cu ppm	Pb ppm	Zn ppm	SAMPLE #	Cu ppm	Pb ppm	Zn ppm							
SAMPLE NUMBER														
LIE-70	16	35	76	L20 -14	16	34	65							
71	20	27	130	15	18	36	74							
LIF-61	51	54	450	16	19	41	88							
62	40	46	330	17	18	35	84							
63	35	46	350	18	17	37	82							
64	36	41	370	19	38	48	86							
L20-1	N.S.	N.S.	N.S.	20	29	48	110							
2	29	41	74	21	26	40	86							
3	17	39	78	22	22	32	85							
4	18	37	89	23	23	36	83							
5	20	48	112	24	23	37	92							
6	22	36	105	25	24	39	90							
7	16	35	83	26	24	40	92							
8	18	34	100	27	19	29	73							
9	17	37	84	28	17	30	60							
10	22	31	86	29	17	27	56							
11	N.S.	N.S.	N.S.	30	43	43	83							
12	14	31	72	31	51	55	100							
13	24	56	98	32	42	43	100							



SAMPLE TYPE: SOILS		Cu ppm	Pb ppm	Zn ppm	SAMPLE #	Cu ppm	Pb ppm	Zn ppm						
SAMPLE NUMBER														
L3B-4		22	38	120	L3B-22	32	52	87						
5		19	41	100	23	32	55	100						
6		22	36	110	24	23	44	76						
7		24	40	115	25	26	54	79						
8		19	32	93	LC3-1	19	32	64						
9		25	35	100	2	17	46	58						
10		22	41	105	3	20	34	60						
11		20	38	105	4	19	35	61						
12		22	41	100	LE3-1	35	38	105						
13		18	40	84	2	47	42	115						
14		17	31	89	3	40	39	95						
14(A)		24	38	92	4	36	46	100						
15		22	41	62	5	34	42	100						
16		22	35	57	6	37	39	100						
17		23	38	61	7	32	37	91						
18		24	37	64	8	34	41	100						
19		39	58	130	8(A)	41	43	100						
20		39	52	115	8(B)	31	39	91						
21		41	59	100	89	37	43	120						

SAMPLE TYPE: SOILS	Cu ppm	Pb ppm	Zn ppm	SAMPLE #	Cu ppm	Pb ppm	Zn ppm							
SAMPLE NUMBER														
L3E-90	28	56	97	L4E-4	N.S.	N.S.	N.S.							
91	24	38	89	5	28	46	100							
92	27	38	88	6	24	42	104							
93	22	41	78	7	45	42	115							
94	22	35	73	8	30	42	93							
95	20	40	72	9	35	46	110							
96	24	44	78	10	32	38	95							
97	22	42	79	11	36	44	105							
99	40	37	105	12	43	52	110							
99(A)	53	42	96	13	33	40	95							
100	27	43	84	14	37	48	95							
100(A)	36	59	77	15	37	39	94							
L3F-140	24	52	120	16	35	39	96							
141	25	43	125	17	36	38	100							
142	25	38	115	18	45	59	380							
143	32	43	120	20	33	44	110							
L4E-1	N.S.	N.S.	N.S.	21	27	40	100							
2	29	39	95	22	39	42	110							
3	30	44	96	23	34	48	100							

SAMPLE TYPE: SOILS	Cu ppm	Pb ppm	ZN ppm	SAMPLE #	Cu ppm	Pb ppm	ZN ppm							
SAMPLE NUMBER														
LHE-24	26	35	94	L4D-21	26	35	80							
38	29	34	89	22	15	23	47							
39	31	39	140	23	57	43	140							
39(A)	25	40	86	24	50	57	130							
40	26	45	110	25	44	38	130							
41	36	37	110	26	47	44	140							
42	36	50	128	27	21	60	90							
43	N.S.	N.S.	N.S.	28	50	64	120							
44	52	41	130	29	23	44	85							
45	N.S.	N.S.	N.S.	32	48	37	92							
46	35	37	94	33	51	43	120							
47	46	40	110	34	40	44	120							
48	52	50	112	L4B1	23	35	88							
L4D-15	53	41	130	3	18	48	92							
16	52	44	128	4	19	39	80							
17	N.S.	N.S.	N.S.	5	21	40	76							
18	44	38	96	6	18	34	73							
19	38	33	89	7	18	48	84							
20	26	35	78	8	N.S.	N.S.	N.S.							

