680884

GEOCHEMICAL REPORT

on

DETAILED HUMUS SAMPLING

LARA PROJECT, 1983

by

Barry W. Smee, Ph.D.

Aberford Resources Ltd.

Calgary, Alberta

September, 1983

Report No. 25-83

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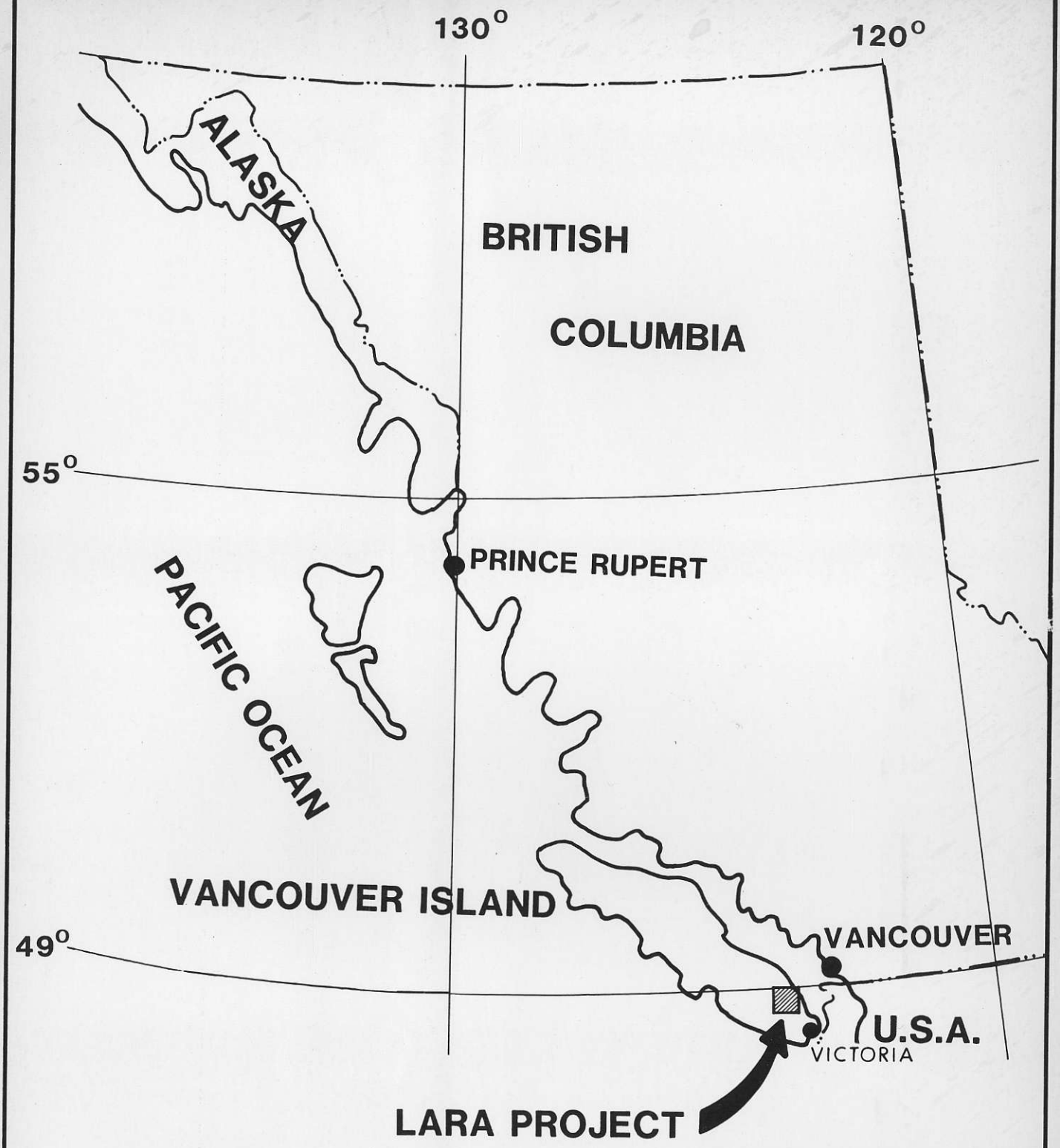
1. INTRODUCTION

The Silver, Fang, Solly and TL Claims were optioned by Aberford Resources Ltd. from Laramide Resources Ltd. in 1982 and given the cumulative name of the Lara Project. Additional claim groups known as the Wimp, Ugly, Flat and Nero were staked by Aberford personnel in February 1983, and incorporated into the program. The location of the property and the claim status is shown on Drawings A-1958 and B-1525 respectively.

The 1982 soil sampling program, employed relatively widely spaced humus samples, and outlined numerous areas of anomalous base metals over a 4 km strike length (Smee, 1983). In many instances, these chemical responses were concident with IP and VLF-EM geophysical anomalies, but because of the sample spacing were at least 50 m in width. The 1983 soil sampling was designed to detail the location of the 1982 responses prior to exploratory surface trenching, by decreasing the sampling interval to 25 m on 200 m lines.

As in 1982, all soil humus samples were submitted to Bondar-Clegg Ltd., Vancouver for analysis by atomic absorption spectroscopy of hot acid extractable Cu, Pb and Zn, on the pulverized -80 mesh fraction.



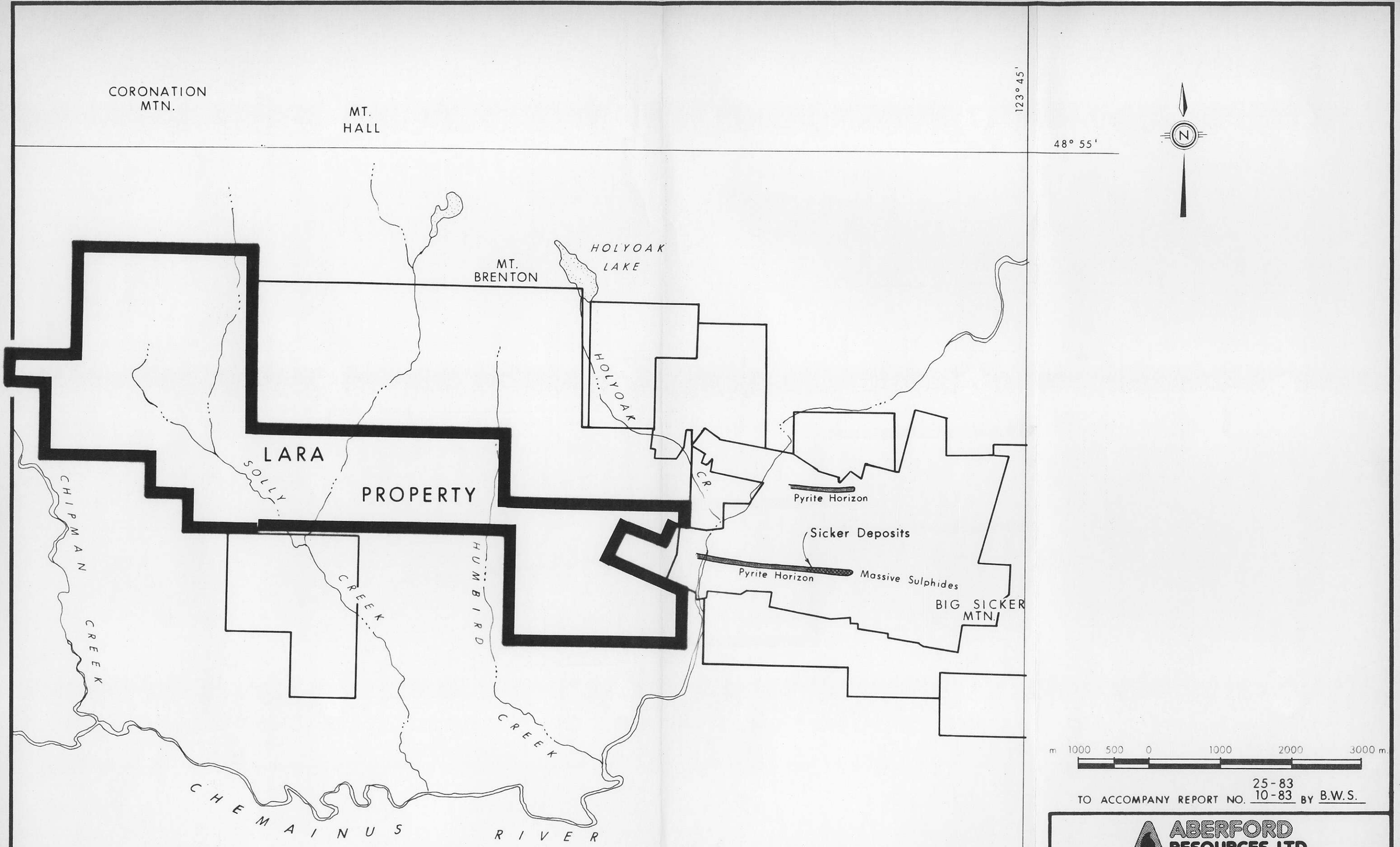
TO ACCOMPANY REPORT NO. 25-83 BY B.W.S.

ABERFORD RESOURCES LTD.

Figure 1

PROPERTY LOCATION
LARA PROJECT

DATE	SCALE	NTS	DRAWING NO.
APRIL, 1983	1:7,500,000	92 B/13	A-1958



m 1000 500 0 1000 2000 3000 m.

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ABERFORD RESOURCES LTD.

Figure 2

LAND STATUS

MOUNT SICKER AREA
VANCOUVER ISLAND

DATE	SCALE	NTS	DRAWING NO.
JAN., 1982	1 : 50,000	92 B/13	B-1525

JCC / LEB

Revised: FEB., 1984

2. INTERPRETATION CRITERIA AND PRESENTATION

Unlike the 1982 humus sampling, the closely spaced nature of the 1983 samples permitted the contouring of results directly. Targets sampled in detail showed adjacent samples and lines to be anomalous in at least one element, with even the troughs of multiple-peaked anomalies being above the selected threshold for the particular element.

A distinct chromatographic-like spacial separation of Cu and Zn was clearly evident in sloped areas, which made the interpretation of anomaly source difficult. To overcome this problem, a product map of Cu x Zn was produced, which shows high values only where Cu and Zn are exactly coincident. This coincident area should be closest to the bedrock source of the anomalous values. Pb, being less mobile than the other two elements and possibly associated with a different stratigraphic horizon, was treated separately. Results are plotted at a scale of 1:2500. Maps include contoured Cu plus Cu x Zn product, and separate Zn and Pb sheets for each grid.

Detailed IP and VLF-EM was undertaken at the same locations as the soil geochemistry. Interpretation of soil results included this geophysical information wherever possible; the end result being the selection of trenching locations over multiparameter sources.

3. RESULTS

3.1 Far East Grid

Humus samples were obtained from Lines 11 and 13 W in 1983 in an attempt to further delineate the Cu, Pb and Zn anomalies found previously on Lines 10 and 12 W. Samples on Line 11 W at stations 225 and 250S confirm the presence of a high Cu response, but the anomaly does not continue to Line 13. Zn is slightly elevated in concentration, producing a Cu x Zn product well above background which extends from Line 10 to Line 12 W, but not to Line 13 W. A distinct halo of Pb in soil surrounds the Cu and Zn responses. The significance of this halo is not presently understood - it could be a primary zonation in rock, or an effect of some secondary dispersion process. Either way, the pattern is clearly evident and forms a distinct chemical target. A weak to moderately strong VLF-EM anomaly strikes sub-parallel to the trace of this geochemical pattern from Line 13 to 10 W, with the responses coinciding on Line 10 at 175 S. This constitutes the only definitive target on the northern portion of the grid.

A distinct Cu x Zn anomaly occurs from Line 10 to Line 13 W near station 600 S. This continuous response is again flanked to the north by a strong Pb anomaly of unknown significance. This anomaly lies close to the projected contact of the Nanaimo and Sicker rocks and appears to be closely aligned with a VLF-EM anomaly thought to be caused by that contact.

Of particular interest is the abrupt change in chemical signature from east to west, across the creek near Line 13 W. Background values of all elements east of this creek are generally much higher than to the west. All anomalies terminate at this creek. Examination of this area for structural dislocation is recommended.

3.2 East Grid

The East Grid extends from Line 26 W to 42 W, which covers the central area of the Lara property shown to be anomalous in 1982. Detailed fill-in sampling delineated two distinctly anomalous horizons which extend across the East Grid from the southeast to the northwest. Both horizons, shown as Anomalies 1 and 2, consist of clearly elevated concentrations of Cu and Zn; each of which show evidence of some downslope movement. The Cu x Zn product is plotted on the Cu map, and appears to minimize the effect of this transport process. Distinctive Pb anomalies flank either side of the Cu and Zn highs.

Anomaly 1 is associated with the extension of the Road Showing which occurs on Line 30 at the baseline and the Trench 19 mineralization on Line 32 W. This horizon appears to extend from at least Line 26 W to Line 36 W, and lies on or close to the Nanaimo-Sicker contact.

The intermittent nature of the Cu and Cu x Zn values may be indicative of the type of near-surface mineralization, or may be reflecting varying overburden conditions. As previously mentioned, the significance of the flanking Pb anomalies is not presently understood, however, in the two instances where mineralization is known to occur, strong Pb values also occur at stations slightly offset from the anomalous Cu and Zn values.

The strike length of Anomaly 1 should be trenched in detail to obtain information regarding extensions to the known mineralization; to better understand the relationship of the Nanaimo-Sicker contact; and to sample the wallrocks around the mineralized horizon for alteration information and attempt to explain the Pb halo in the soils. In particular, trenches should be located on Line 27 W across station 125S, Line 28 W across 100 S, Line 29 W from 20 S to 100 S (to include the Pb anomaly at 75 S), Line 31 W from 25 N to 25 S, Line 32 W, from the south end of Trench 19 to the baseline, Line 33 W from 75 N to 125 N, Line 34 W from 125 N to 200 N, Line 35 W from 175 N to 225 N, and Line 36 W from 200 N to 275 N, to test the onstrike extension of the Cu x Zn anomaly, and from 75 N to 125 N to test the Pb anomaly and contact area of the Nanaimo-Sicker rocks.

The strike length of Anomaly 2 extends from Line 34 W to at least Line 42 W, where it crosses Silver Creek. Both Cu and Zn are anomalous throughout that length, with Zn appearing to show appreciable downslope movement in some instances. The Cu x Zn product is continuous in a relatively straight line from Line 34 W to Line 42 W, whereupon the anomaly appears to be shifted abruptly north by 125 m. Throughout the strike length from Line 34 W to Line 40 W, the anomaly is flanked to the north and south by a strong Pb response. These Pb values appear to converge to the east, and become more divergent to the west, where they terminate before intersecting Line 41 W.

Trenches should be placed at 100 m intervals over the entire strike length of Anomaly 2, beginning at Line 35 W and extending to Line 41 W. The trenches should be placed so as to test both the Pb and Cu-Zn anomalies wherever possible. Suggested locations are Line 33 W from 225 N to 300 N, Line 34 W from 225 N to 310 N, Line 35 W from 310 N to 360 N, Line 36 W from 375 N to 425 N, Line 37 W from 375 N to 425 N, Line 38 W from 375 N to 425 N, Line 39 W from 450 N to 500 N, Line 40 W from 440 N to 525 N, and Line 41 W from 500 N to 550 N.

The displacement of Anomaly 2 to the north on Line 42 W also is accompanied by a change in anomaly character. The anomaly becomes mueh broader, with copper concentrations exceeding 100 ppm in many cases, and 200 ppm in one instance. Zn values are also somewhat elevated, but Pb does not appear to flank the anomalies. This abrupt shift is interpreted as a fault displacement and/or rotation of the west side of Silver Creek to the north, relative to the east side of the creek. Trenches should be located on Line 42 W from 650 N to 750 N, and if possible on Line 44 W from 550 N to 700 N in an attempt to expose both the source of metals in soil, and the possible structural relationship between the east and west sides of Silver Creek.

An additional target could be the area of the southernmost Pb anomaly from Line 36 W to 42 W, dependent on the results of previous trenching over the Nanaimo-Sicker contact.

3.3 West Grid

The West Grid, as defined by the 1983 program, encompasses the area west of Line 46 W to Line 66 W, and from stations 5 N to 20 N.

An increase in concentration of background Zn values is immediately apparent on the West Grid compared with the East Grid. A slight increase in Pb background also accompanies the Zn, but the Cu does not seem to be appreciably different.

The large Zn anomaly between Line 46 W and 52 W is not accompanied by an increase in Cu except in two spacially restricted areas. Coincident Cu and Zn values are shown by the product contours to be centred between Line 46 W and 50 W at 8 N. A spotty Pb anomaly occurs on the south flank of this zone. An additional weak Cu anomaly is present to the south of the above mentioned anomaly, which may be near the Nanaimo-Sicker contact. Although not particularly strong in character, trenching in this area might be considered to obtain geological information on this contact.

Two areas of high concentrations of Cu and Zn occur from Line 54 W to 59 W and are shown as Anomalies 3 and 4 on the product map. These areas are strongly anomalous in Zn, and only moderately anomalous in Cu. No anomalous Pb values are associated.

Several trenches should be placed over these two areas: Line 55 W from 825 N to 875N, and from 950 N to 1000 N; Line 54 W from 800 N to 850 N, and from 975 N to 1025 N; Line 57 W from 860 N to 900 N and from 970 N to 1020 N; and Line 58 W from 1000 N to 1025 N.

A strong coincident Cu-Zn anomaly begins near Line 54 W and extends to the west to Line 59 W, where it bifricates into two distinctly separate zones, shown as Anomalies 5 and 6. Portions of Anomaly 6 have distinct high Pb values associated with the northern edge of the Cu-Zn highs. Trench 82-11 uncovered anomalous Cu and Zn in rock, as did Trenches 82-4 and 82-10 located along strike. Both of these areas should be trenched throughout their length. Suggest trench locations are: Line 56 W from 1025 to 1075 N; Line 57 W from 1025 N to 1100 N; Line 58 W from 1075 to 1125 N; Line 59 W from 1080 N to 1120 N and 1130 N to 1160 N; Line 60 W from 1120 N to 1140 N, and extend trench 82-11 to the north; Line 61 W from 1160 N to 1180 N; Line 62 W from 1220 to 1260 N and from 1250 N to 1300 N; Line 63 W from 1200 N to 1250 N and 1375 N to 1410 N; and Line 64 N from 1475 N to 1530 N.

A large Cu-Zn with a flanking Pb anomalous area, shown as Anomaly 7, extends across the northern portion of the map sheet from east of Line 54 W to Line 61 W. Trench 18 tested this area in 1982, but did not find base metal mineralization. The strongest geochemical response occurs immediately north of Trench 18. This trench should be extended to both the north and south. Anomaly 7 should be trenched from Line 55 W to Line 61 W, with particular attention focused on the area from Line 56 W to 59 W.

4. SUMMARY & RECOMMENDATIONS

Detailed humus sampling has defined seven distinctly anomalous areas containing elevated concentrations of Cu and Zn. The Cu x Zn product appears to alleviate interpretational problems relating to hydromorphic dispersion by producing target areas which are consistent along strike and of limited width. The source of anomalous base metals in all seven of these areas is considered to be sulphide mineralization.

All anomalous areas should be trenched to bedrock. Several trenches should be placed over each anomaly, but separated by at least 100 m. Rock samples from the target horizon and the country rock enclosing the target should be collected and analyzed for base metals plus the major elements. Zonation patterns in country rock may aid in the interpretation of direction to the source of mineralizing hydrothermal fluids.

STATEMENT OF QUALIFICATIONS

I, Barry W. Smee of Calgary, Alberta, hereby certify that:

1) I am a graduate of the University of Alberta, and the University of New Brunswick with a B.Sc. and Ph.D. in Geology, respectively.

2) I have practised continuously as a geologist since May, 1969.

3) I am employed by Aberford Resources Ltd. of 300 - 5 Avenue, S.W., Calgary, Alberta.

4) I am a member of the Association of Exploration Geochemists.

5) I am registered as a Professional Geologist in the Province of Alberta.

Barry W. Smee, Ph.D., P.Geol.
Exploration Supervisor

APPENDIX I

GEOCHEMICAL ANALYSIS SHEETS

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 123-0947 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
L34+00W PREFIX					
S -1+50NB		70	4	28	
0 L13+00W-1+50S		3	53	25	
0 L13+00W-1+75S		5	112	34	
0 L13+00W-2+00S		5	102	33	
0 L13+00W-2+25S		3	74	29	
0 L13+00W-2+50S		6	120	37	
0 L13+00W-2+75S		26	19	43	
0 L13+00W-3+00S		4	85	47	
0 L13+00W-3+25S		26	28	49	
0 L13+00W-3+50S		5	93	50	
0 L13+00W-3+75S		1	41	34	
0 L13+00W-4+00S		5	91	55	
0 L13+00W-4+25S		3	81	48	
0 L13+00W-4+50S		10	143	48	
0 L13+00W-4+75S		14	131	37	
0 L13+00W-5+00S		11	201	53	
0 L13+00W-5+25S		4	49	54	
0 L13+00W-5+50S		7	122	45	
0 L13+00W-5+75S		5	109	48	
0 L13+00W-6+00S		12	111	44	
0 L13+00W-6+25S		14	62	55	
0 L13+00W-6+50S		14	70	47	
0 L13+00W-6+75S		63	11	51	
0 L27+00W-B.L.		12	74	35	
0 L27+00W-0+25N		20	83	65	
0 L27+00W-0+50N		8	34	39	
0 L27+00W-0+75N		47	15	50	
0 L27+00W-1+00N		10	34	42	
0 L27+00W-1+25N		9	31	26	
0 L27+00W-1+50N		33	12	32	
0 L27+00W-1+75N		22	15	30	
0 L27+00W-2+00N		18	25	31	
0 L27+00W-2+25N		15	30	60	
0 L27+00W-2+50N		14	20	46	
0 L27+00W-2+75N		21	25	56	
0 L27+00W-3+00N		26	13	37	
0 L27+00W-3+25N		39	18	31	
0 L27+00W-3+50N		24	16	30	
0 L27+00W-0+25S		17	16	38	
0 L27+00W-0+50S		9	32	52	
0 L27+00W-0+75S		9	54	43	
0 L27+00W-1+00S		12	56	77	
0 L27+00W-1+25S		32	28	159	
0 L27+00W-1+50S		23	24	86	
0 L29+00W-B.L.		34	32	45	
0 L29+00W-0+25N		88	63	72	
0 L29+00W-0+50N		17	37	58	
0 L29+00W-0+75N		25	32	61	
0 L29+00W-1+00N		21	41	54	
0 L29+00W-1+25N		33	118	118	
0 L29+00W-1+50N		7	41	37	
0 L29+00W-1+75N		11	46	51	
0 L29+00W-2+00N		19	39	40	
0 L29+00W-2+25N		7	63	44	
0 L29+00W-2+50N		6	33	24	
0 L29+00W-2+75N		13	33	43	
0 L29+00W-3+00N		12	83	59	
0 L29+00W-3+25N		7	49	38	
0 L29+00W-3+50N		9	32	39	
0 L29+00W-0+25S		34	61	89	
0 L29+00W-0+50S		71	58	57	
0 L29+00W-0+75S		14	134	94	
0 L29+00W-1+00S		22	21	53	
0 L31+00W-B.L.		15	54	52	
0 L31+00W-0+25N		27	46	50	
0 L31+00W-0+50N		23	46	61	
0 L31+00W-0+75N		14	61	39	
0 L31+00W-1+00N		20	151	91	
0 L31+00W-1+25N		28	34	43	
0 L31+00W-1+50N		20	45	43	
0 L31+00W-1+75N		11	70	47	
0 L31+00W-2+00N		12	92	81	
0 L31+00W-2+25N		15	68	59	
0 L31+00W-2+50N		15	47	33	
0 L31+00W-2+75N		28	13	12	
0 L31+00W-3+00N		26	35	16	
0 L31+00W-3+25N		14	59	39	
0 L31+00W-3+50N		9	42	35	
0 L31+00W-3+75N		11	23	31	

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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 123-0947 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
0	L31+00W-1+00N	15	67	63	
0	L31+00W-0+25S	13	125	77	
0	L31+00W-0+50S	20	29	61	
0	L33+00W-0+50N	14	42	36	
0	L33+00W-0+75N	13	91	56	
0	L33+00W-1+00N	13	53	46	
0	L33+00W-1+25N	15	46	26	
0	L33+00W-1+50N	14	39	31	
0	L33+00W-1+75N	14	39	34	
0	L33+00W-2+25N	9	42	48	
0	L33+00W-2+50N	17	49	35	
0	L33+00W-2+75N	25	20	32	
0	L33+00W-3+00N	12	48	36	
0	L33+00W-3+25N	24	41	57	
0	L33+00W-3+50N	12	24	21	
0	L33+00W-3+75N	19	45	39	
0	L33+00W-4+00N	12	40	51	
0	L33+00W-4+25N	17	24	46	
0	L33+00W-4+50N	17	77	76	
0	L34+00W-0+75N	23	59	54	
0	L34+00W-1+00N	13	48	58	
0	L34+00W-1+25N	19	68	47	
0	L34+00W-1+50N	41	24	48	
0	L34+00W-1+75N	45	16	41	
0	L34+00W-2+00N	37	37	47	
0	L34+00W-2+25N	11	44	39	
0	L34+00W-2+50N	19	108	78	
0	L34+00W-2+75N	40	65	525	
0	L34+00W-3+00N	17	133	46	
0	L34+00W-3+25N	17	165	64	
0	L34+00W-3+50N	11	61	45	
0	L34+00W-3+75N	18	29	26	
0	L34+00W-4+00N	17	18	23	
0	L34+00W-4+25N	18	34	36	
0	L34+00W-4+50N	16	32	30	
0	L34+00W-4+75N	25	51	69	
0	L35+00W-1+25N	20	25	50	
0	L35+00W-1+50N	26	34	41	
0	L35+00W-1+75N	11	43	52	
0	L35+00W-2+00N	47	40	72	

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOT
0	L35+00W-2+25N	34	59	54	
0	L35+00W-2+50N	6	95	35	
0	L35+00W-2+75N	27	25	44	
0	L35+00W-3+00N	15	36	31	
0	L35+00W-3+25N	43	34	65	
0	L35+00W-3+50N	14	78	40	
0	L35+00W-3+75N	24	26	59	
0	L35+00W-4+00N	41	45	56	
0	L35+00W-4+25N	40	20	41	
0	L35+00W-4+50N	26	36	39	
0	L35+00W-4+75N	41	25	39	
0	L35+00W-5+00N	18	1110	33	
0	L37+00W-2+00N	27	56	54	
0	L37+00W-2+25N	9	60	47	
0	L37+00W-2+50N	16	132	48	
0	L37+00W-2+75N	8	59	31	
0	L37+00W-3+00N	25	52	50	
0	L37+00W-3+25N	12	74	39	
0	L37+00W-3+50N	11	91	57	
0	L37+00W-3+75N	13	59	49	
0	L37+00W-4+00N	184	40	108	
0	L37+00W-4+25N	26	48	38	
0	L37+00W-4+50N	14	132	52	
0	L37+00W-4+75N	10	42	25	
0	L37+00W-5+00N	15	73	36	
0	L37+00W-5+25N	14	58	59	
0	L37+00W-5+50N	7	32	49	
0	L37+00W-5+75N	4	18	39	
0	L39+00W-3+00N	18	30	37	
0	L39+00W-3+25N	12	26	24	
0	L39+00W-3+50N	28	48	56	
0	L39+00W-3+75N	19	75	70	
0	L39+00W-4+00N	9	82	53	
0	L39+00W-4+25N	34	32	50	
0	L39+00W-4+50N	12	54	67	
0	L39+00W-4+75N	68	6	62	
0	L39+00W-5+00N	19	68	59	
0	L39+00W-5+25N	11	97	99	
0	L39+00W-5+50N	9	68	56	
0	L39+00W-5+75N	11	59	42	

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Geochemical Lab Report

REPORT: 123-0947 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
D L39+00W-6+00N		11	92	59	
D L39+00W-6+25N		28	56	35	
D L39+00W-6+50N		19	87	82	
D L41+00W-2+50N		22	55	56	
D L41+00W-2+75N		23	38	57	
D L41+00W-3+00N		13	47	50	
D L41+00W-3+25N		16	83	88	
D L41+00W-3+50N		11	44	72	
D L41+00W-3+75N		18	65	50	
D L41+00W-4+00N		26	69	61	
D L41+00W-4+25N		24	51	57	
D L41+00W-4+50N		37	27	68	
D L41+00W-4+75N		24	38	61	
D L41+00W-5+00N		25	38	41	
D L41+00W-5+25N		44	51	142	
D L41+00W-5+50N		42	42	68	
D L41+00W-5+75N		38	26	45	
D L41+00W-6+00N		41	19	44	
D L41+00W-6+25N		18	51	43	
D L41+00W-6+50N		19	54	40	
D L41+00W-6+75N		34	18	56	
D L41+00W-7+00N		13	14	34	
D L41+00W-7+25N		34	6	42	
L54+00W PREFIX					
D -13+50N		28	21	59	
D -13+75N		23	17	55	
D -14+00N		20	17	46	
D -14+25N		70	19	45	
D -14+50N		108	26	75	
D -14+75N		36	31	83	
D -15+00N		17	28	70	
D -15+25N		23	29	55	
L55+00W PREFIX					
D -8+50N		53	24	73	
D -8+75N		27	55	78	
D -9+00N		30	19	30	
D -9+25N		17	41	87	
D -9+50N		17	49	70	
D -9+75N		36	42	84	
D -10NBL		12	29	28	

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOT
D -13+50N		13	16	39	
D -13+75N		27	18	56	
D -14+00N		5	12	18	
D -14+25N		12	26	46	
D -14+50N		13	11	34	
D -14+75N		36	25	55	
D -15+00N		32	51	161	
D -15+25N		14	18	50	
D -15+50N		22	59	57	
L57+00W PREFIX					
D -8+00N		6	15	29	
D -8+25N		20	17	63	
D -8+50N		9	29	42	
D -8+75N		61	16	74	
D -9+00N		17	18	73	
D -9+25N		44	18	79	
D -9+50N		19	15	71	
D -9+75N		63	13	75	
D -10+00N		36	24	112	
D -10+25N		10	44	52	
D -10+50N		61	16	179	
D -10+75N		56	16	166	
D -11+00N		38	18	91	
D -14+25N		26	47	95	
D -14+50N		22	16	67	
D -14+75N		11	87	56	
D -15+00N		13	83	84	
D -15+25N		197	23	65	
D -15+50N		83	29	74	
D -16+00N		209	82	75	
D -16+25N		48	19	57	
L59+00W PREFIX					
D -9+00N		18	37	80	
D -9+25N		32	16	65	
D -9+50N		8	21	30	
D -9+75N		10	36	47	
D -10+00N		17	19	52	
D -10+25N		41	19	77	
D -10+50N		14	36	45	
D -10+75N		12	37	60	

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Geochemical Lab Report

REPORT: 123-0947 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
0 -11+00N		57	15	70	
0 -11+25N		17	45	60	
0 -11+50N		50	20	69	
0 -11+75N		18	14	42	
0 -12+00N		16	21	69	
0 -12+25N		17	27	66	
0 -12+50N		9	18	52	
0 -12+75N		15	39	59	
0 -13+00N		9	21	60	
0 -15+00N		31	31	68	
0 -15+25N		8	24	42	
0 -15+50N		16	32	41	
0 -15+75N		11	53	42	
0 -16+00N		15	32	55	
0 -16+25N		75	64	140	
0 -16+50N		39	37	85	
0 -16+75N		15	30	73	
L61+00W PREFIX					
0 -10+25N		9	27	54	
0 -10+50N		11	46	56	
0 -10+75N		6	24	37	
0 -11+00N		11	50	110	
0 -11+25N		15	33	62	
0 -11+50N		10	19	21	
0 -11+75N		28	48	120	
0 -12+00N		18	33	85	
0 -12+25N		13	43	94	
0 -12+50N		36	17	81	
0 -12+75N		17	37	262	
0 -13+00N		14	25	157	
0 -13+25N		17	36	98	
0 -13+50N		13	87	69	

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Geochemical Lab Report

REPORT: 123-0995 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
L15+00W PREFIX					
0 1+00S		8	29	25	
0 1+25S		9	21	34	
0 1+50S		31	20	31	
0 1+75S		7	20	24	
0 2+25S		21	27	47	
0 2+50S		13	33	38	
0 2+75S		21	12	39	
0 3+00S		28	27	34	
0 3+25S		22	20	31	
0 3+50S		10	86	40	
0 3+75S		48	16	39	
0 4+00S		10	76	46	
L56+00W PREFIX					
0 8+50N		23	46	68	
0 8+75N		23	17	46	
0 9+00N		16	33	58	
0 9+25N		20	62	68	
0 9+50N		11	74	47	
0 9+75N		13	48	84	
0 10+00N		33	42	97	
0 10+25N		22	69	102	
0 10+50N		28	32	142	
0 10+75N		22	64	189	
0 11+00N		8	37	198	
0 13+75N		10	31	39	
0 14+00N		46	15	65	
0 14+25N		25	25	37	
0 14+50N		48	16	58	
0 14+75N		72	16	55	
0 15+00N		42	29	49	
0 15+25N		103	26	67	
0 15+50N		73	46	61	
0 15+75N		16	28	49	
L61+00W PREFIX					
0 [illegible]N		12	50	52	
0 [illegible]75N		36	46	60	
0 16+00N		22	17	45	
0 16+25N		19	23	43	
0 16+50N		34	12	48	
0 16+75N		39	11	56	
0 17+00N		54	7	60	
0 17+25N		38	11	54	
0 17+50N		53	6	56	
L63+00W PREFIX					
0 11+00N		18	18	40	
0 11+25N		25	40	50	
0 11+50N		12	53	47	
0 11+75N		25	32	74	
0 12+00N		15	43	52	
0 12+25N		135	15	215	
0 12+50N		18	33	58	
0 12+75N		29	51	102	
0 13+00N		19	39	61	
0 13+25N		3	2	8	
0 13+50N		13	40	54	
0 13+75N		14	17	49	
0 14+00N		58	17	33	
0 14+25N		12	16	54	
0 14+50N		11	31	55	
0 14+75N		25	83	43	
0 15+00N		10	21	81	
0 17+50N		19	17	80	
0 17+75N		3	19	35	
0 18+00N		15	63	70	
0 18+25N		10	31	33	
0 18+50N		16	14	38	
0 18+75N		11	28	42	
0 19+00N		13	23	54	
0 19+25N		30	10	55	
0 19+50N		71	3	75	
L65+00W PREFIX					
0 12+50N		22	43	63	
0 12+75N		12	53	55	
0 13+00N		16	37	52	
0 13+25N		18	25	56	
0 13+50N		11	26	37	
0 13+75N		11	19	41	
0 14+00N		12	36	48	
0 14+25N		34	15	57	

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Geochemical Lab Report

REPORT: 223-0995 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
L13+00W PREFIX					
B 2+00S		40	8	30	
L57+00W PREFIX					
B 15+75N		550	9	43	
L59+00W PREFIX					
B 14+75N		72	21	86	

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Geochemical
Lab Report

REPORT: 123-0995 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
0 14+50N		16	57	65	
0 14+75N		39	14	67	
0 15+00N		32	17	62	
0 15+25N		30	65	117	
0 15+50N		15	24	50	
0 15+75N		14	20	40	
0 16+00N		9	23	34	

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Geochemical Lab Report

REPORT: 123-1036 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
D L11+00W-BL		10	85	35	
D L11+00W-0+25S		6	72	48	
D L11+00W-0+50S		13	103	33	
D L11+00W-0+75S		11	88	37	
D L11+00W-1+00S		7	50	52	
D L11+00W-1+25S		8	87	43	
D L11+00W-1+50S		8	77	31	
D L11+00W-1+75S		10	94	32	
D L11+00W-2+00S		22	60	58	
D L11+00W-2+25S		56	25	46	
D L11+00W-2+50S		55	16	42	
D L11+00W-2+75S		22	78	58	
D L11+00W-3+00S		31	36	73	
D L11+00W-3+25S		12	70	50	
D L11+00W-3+50S		31	73	88	
D L11+00W-3+75S		16	75	64	
D L11+00W-4+00S		19	106	61	
D L11+00W-4+25S		15	21	54	
D L11+00W-4+50S		12	103	76	
D L11+00W-4+75S		17	39	46	
D L11+00W-5+00S		14	34	68	
D L11+00W-5+25S		35	74	47	
D L11+00W-5+50S		10	76	29	
D L11+00W-5+75S		32	53	53	
D L11+00W-6+00S		29	89	100	
D L11+00W-6+25S		29	60	121	
D L11+00W-6+50S		44	69	85	

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Geochemical Lab Report

REPORT: 123-1148 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	As PPM	Ba PPM	NOTES
S L32+00W 0+00N		71	40	154				
S L32+00W 0+25N		74	46	420				
S L32+00W 0+50N		18	43	55				
S L32+00W 0+75N		41	10	62				
S L32+00W 1+00N		58	7	49				
S L32+00W 1+25N		21	13	43				
S L32+00W 1+50N		32	11	26				
S L32+00W 1+75N		38	7	39				
D L32+00W 0+00N		22	102	87	0.5	<2	910	
D L32+00W 0+25N		23	80	154	0.2	5	480	
D L32+00W 0+50N		56	17	69	<0.2	4	790	
D L32+00W 0+75N		23	20	66	<0.2	4	760	
D L32+00W 1+00N		25	60	51	<0.2	7	710	
D L32+00W 1+25N		33	26	40	<0.2	4	720	
D L32+00W 1+50N		14	71	90	<0.2	3	430	
D L32+00W 1+75N		19	18	37	<0.2	2	520	
D L47+00W 5+50N		14	60	60	0.3	2	220	
D L47+00W 5+75N		25	68	73	0.2	2	570	
D L47+00W 6+00N		40	40	57	0.2	5	780	
D L47+00W 6+25N		22	53	53	0.2	4	490	
D L47+00W 6+50N		41	26	61	<0.2	6	710	
D L47+00W 6+75N		13	54	45	0.2	4	580	
D L47+00W 7+00N		22	107	59	0.4	3	420	
D L47+00W 7+25N		60	26	61	<0.2	4	880	
D L47+00W 7+50N		15	48	72	0.3	3	570	
D L47+00W 7+75N		8	27	32	0.3	<2	150	
D L47+00W 8+00N		51	20	89	<0.2	5	950	
D L49+00W 6+50N		12	200	69	0.3	4	670	
D L49+00W 6+75N		12	86	39	0.4	3	200	
D L49+00W 7+00N		18	43	46	0.2	<2	730	
D L49+00W 7+25N		13	72	54	0.4	3	360	
D L49+00W 7+50N		12	64	58	0.4	4	760	
D L49+00W 7+75N		8	40	30	0.3	3	190	
D L49+00W 8+00N		19	67	70	0.2	3	560	
D L49+00W 8+25N		32	48	60	<0.2	4	570	
D L49+00W 8+50N		16	54	78	<0.2	4	430	
D L49+00W 8+75N		15	67	77	0.2	5	850	
D L49+00W 9+00N		8	23	18	0.2	<2	90	

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Geochemical Lab Report

REPORT: 123-2637 PROJECT: LARA

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	NOTES
L35+00W-					
D 4+75N		37	46	18	
D 5+00N(ORIG)		21	81	68	
D 5+00N(NEW)		20	66	38	
D 5+25N		15	69	58	
D 5+50N		9	59	38	

5 418 000 N

420 000 E

B.C. HYDRO TRANSMISSION RIGHT OF WAY

L76W 35N

L74W 35+75N

L72W 35N

L70W 35N

L70aW 35N

L68W 35+60N

L66W

L68+50W 35N

L69W 33N

L63+50W 35N

L61+50W 35+75N

L62W 35N

L60W 35N

L58W 35N

L56W 35N

Creek

Sally

L64W (OLD) 30N

L65W 40N

L64W 30N

L59W 28N

L57W 28N

L71W

L63W

L61W

L54W 25+50N

29N

21N

20N

20+75N

19N

L65W 19N

L55W 16+75N

LCP FACE

LCP WIMP

LCP UGLY

LCP SOLLY

Chipman

Creek

16N L76W

14+50N L74W

12N L72W

Whitey 2

Whitey 1

5 417 500N

5 417 000N

5 416 500N

5 416 000N

5 415 500N

5 415 000N

SHEET INDEX

SHT 1	SHT 2
SHT 3	SHT 4

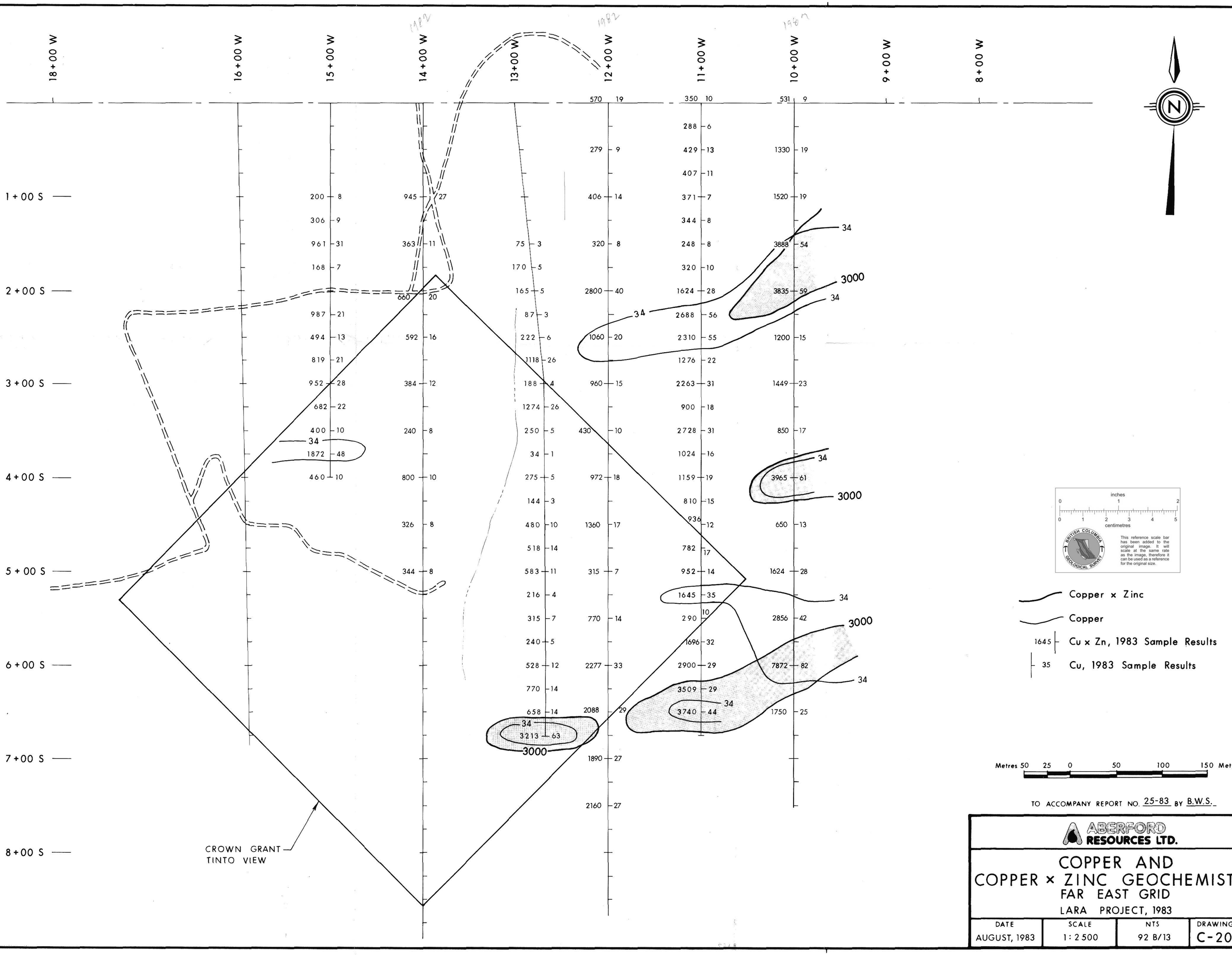
N

100 50 0 100 200 300 400 500 METRES

ABERFORD RESOURCES LTD.

LARA PROJECT

DATE	SCALE	NTS	DRAWING NO.
	1:5000	92 B / 13W	



inches
0 1 2
0 1 2 3 4 5
centimetres

BRITISH COLUMBIA GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Copper x Zinc

Copper

1645 Cu x Zn, 1983 Sample Results

35 Cu, 1983 Sample Results

Metres 50 25 0 50 100 150 Metres

TO ACCOMPANY REPORT NO. 25-83 BY B.W.S.

ABERFORD RESOURCES LTD.

COPPER AND COPPER x ZINC GEOCHEMISTRY
FAR EAST GRID
LARA PROJECT, 1983

DATE	SCALE	NTS	DRAWING NO.
AUGUST, 1983	1:2 500	92 B/13	C-2002

LEB

18+00 W | 16+00 W | 15+00 W | 14+00 W | 13+00 W | 12+00 W | 11+00 W | 10+00 W | 9+00 W | 8+00 W

1+00 S
2+00 S
3+00 S
4+00 S
5+00 S
6+00 S
7+00 S
8+00 S

CROWN GRANT
TINTO VIEW

N

inches
0 1 2
0 1 2 3 4 5
centimetres

BRITISH COLUMBIA GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

100 Zn, 1983 Sample Results

69 Zn, 1982 Sample Results

Metres 50 25 0 50 100 150 Metres

TO ACCOMPANY REPORT NO. 25-83 BY B.W.S.

ABERFORD RESOURCES LTD.

ZINC GEOCHEMISTRY
FAR EAST GRID
LARA PROJECT, 1983

DATE	SCALE	NTS	DRAWING NO.
AUGUST, 1983	1:2 500	92 B/13	C-2003

LEB

18+00 W | 16+00 W | 15+00 W | 14+00 W | 13+00 W | 12+00 W | 11+00 W | 10+00 W | 9+00 W | 8+00 W

1+00 S
2+00 S
3+00 S
4+00 S
5+00 S
6+00 S
7+00 S
8+00 S

N

CROWN GRANT
TINTO VIEW

inches
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

201 Pb, 1983 Sample Results

102 Pb, 1982 Sample Results

Metres 50 25 0 50 100 150 Metres

TO ACCOMPANY REPORT NO. 25-83 BY B.W.S.

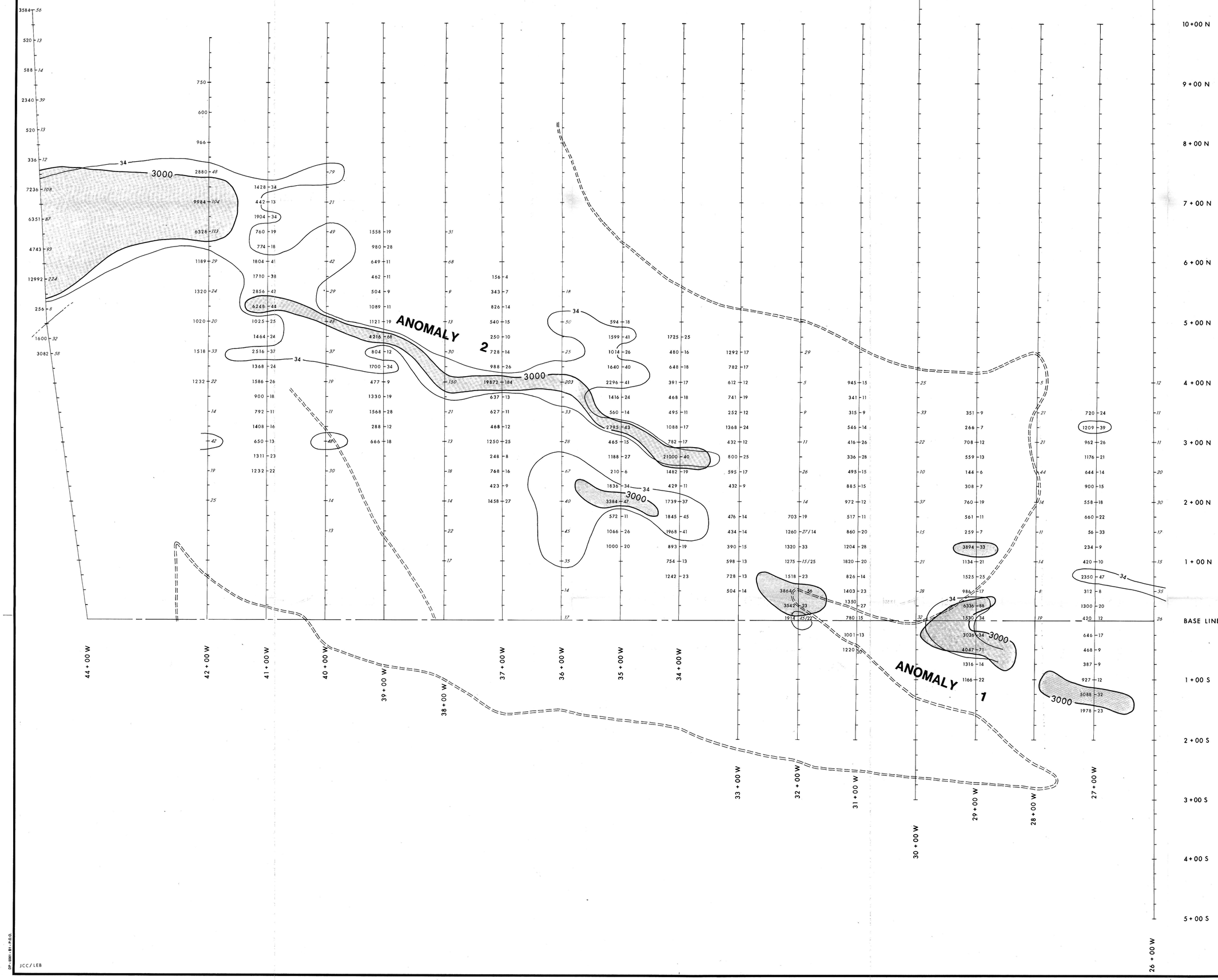
ABERFORD RESOURCES LTD.

LEAD GEOCHEMISTRY
FAR EAST GRID
LARA PROJECT, 1983

DATE	SCALE	NTS	DRAWING NO.
AUGUST, 1983	1:2 500	92 B/13	C-2004

LEB

DRAWING NO. X-



Copper × Zinc

Copper

19872 Cu × Zn, 1983 Sample Results

184 Cu, 1983 Sample Results

150 Cu, 1982 Sample Results

Inches 0 1 2

0 1 2 3 4 5 centimetres

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Metres 50 25 0 50 100 150 200 250 Metres

TO ACCOMPANY REPORT NO 25-83 BY B.W.S.

ABERFORD RESOURCES LTD.

COPPER AND COPPER × ZINC GEOCHEMISTRY

EAST GRID

LARA PROJECT, 1983

DATE	SCALE	NTS	DRAWING NO
AUGUST, 1983	1 : 2500	92 B/13	X-2005

JCC/LEB

DP-2681-B1-P.O.D.

DRAWING NO.
X-

10+00 N
9+00 N
8+00 N
7+00 N
6+00 N
5+00 N
4+00 N
3+00 N
2+00 N
1+00 N
BASE LINE 0+00
1+00 S
2+00 S
3+00 S
4+00 S
5+00 S

44+00 W
42+00 W
41+00 W
40+00 W
39+00 W
38+00 W
37+00 W
36+00 W
35+00 W
34+00 W
33+00 W
32+00 W
31+00 W
30+00 W
29+00 W
28+00 W
27+00 W
26+00 W

60
100

118 Zn, 1983 Sample Results
47 Zn, 1982 Sample Results

Inches
centimetres
This reference scale bar has been added to the original drawing at the same scale as the image, therefore it can be used as a reference for the original size.

Metres 50 25 0 50 100 150 200 250 Metres

TO ACCOMPANY REPORT NO. 25-83 BY B.W.S.

ABERFORD RESOURCES LTD.

ZINC GEOCHEMISTRY

EAST GRID
LARA PROJECT, 1983

DATE	SCALE	NTS	DRAWING NO.
AUGUST, 1983	1 : 2500	92 B/13	X-2006

JCC/LEB

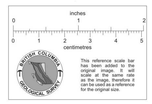
DP-5861-81-P.O.O.

DRAWING NO.
X-

10+00 N
9+00 N
8+00 N
7+00 N
6+00 N
5+00 N
4+00 N
3+00 N
2+00 N
1+00 N
BASE LINE 0+00
1+00 S
2+00 S
3+00 S
4+00 S
5+00 S

44+00 W
42+00 W
41+00 W
40+00 W
39+00 W
38+00 W
37+00 W
36+00 W
35+00 W
34+00 W
33+00 W
32+00 W
31+00 W
30+00 W
29+00 W
28+00 W
27+00 W
26+00 W

46 Pb, 1983 Sample Results
34 Pb, 1982 Sample Results



Metres 50 25 0 50 100 150 200 250 Metres

TO ACCOMPANY REPORT NO 25-83 BY B.W.S.

ABERFORD RESOURCES LTD.

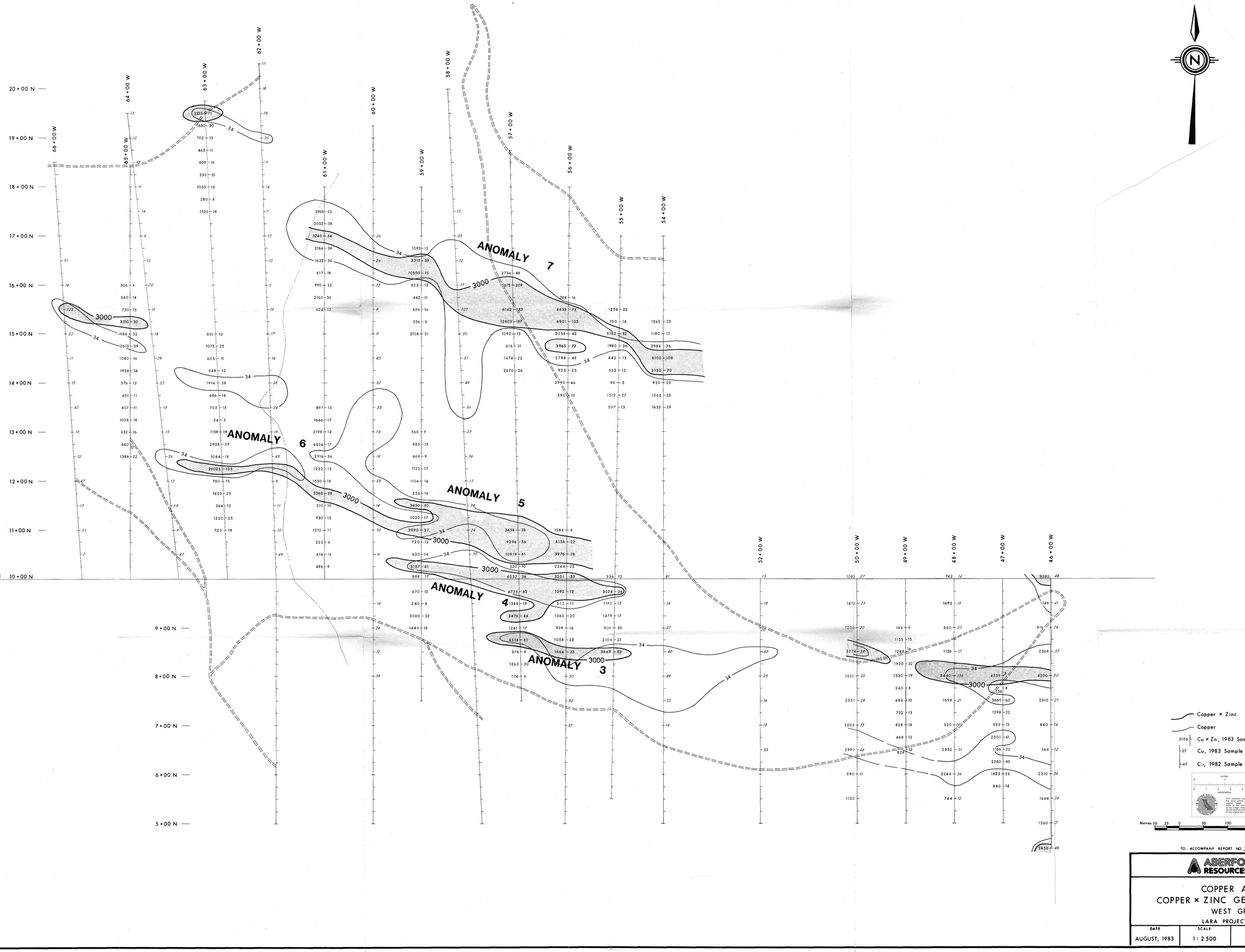
LEAD GEOCHEMISTRY

EAST GRID
LARA PROJECT, 1983

DATE	SCALE	NTS	DRAWING NO.
AUGUST, 1983	1 : 2500	92 B/13	X-2007

JCC/LEB

DR-1991-81-P.D.O.



N

Copper × Zinc

Copper

2106 Cu × Zn, 1983 Sample Results

27 Cu, 1983 Sample Results

40 Cu, 1982 Sample Results

inches 0 1 2

centimetres 0 1 2 3 4 5

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Metres 50 25 0 50 100 150 200 250 Metres

TO ACCOMPANY REPORT NO. 25-83 BY B.W.S.

ABERFORD RESOURCES LTD.

COPPER AND COPPER × ZINC GEOCHEMISTRY

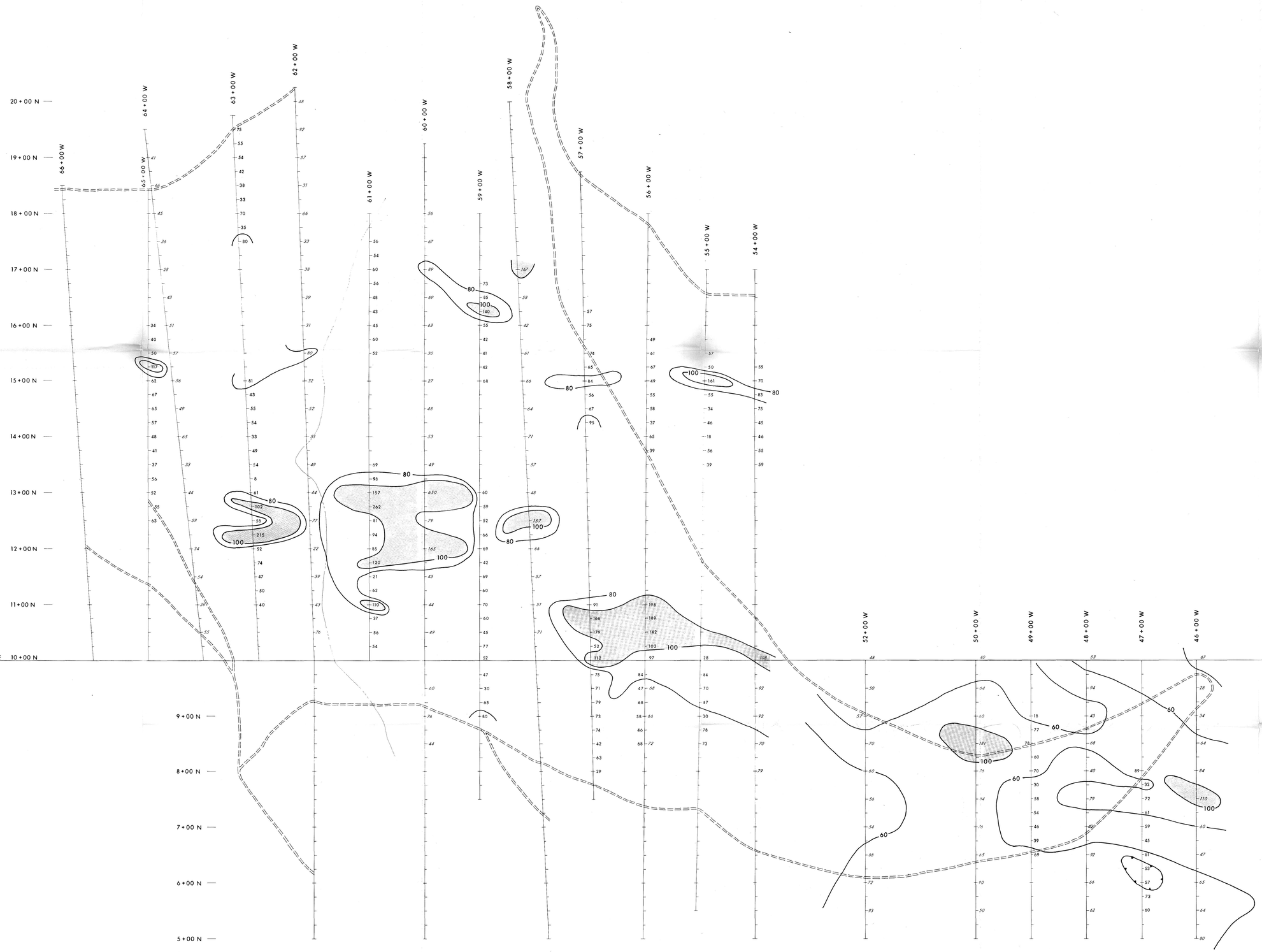
WEST GRID

LARA PROJECT, 1983

DATE	SCALE	NTS	DRAWING NO.
AUGUST, 1983	1 : 2 500	92 B/13	E-2008

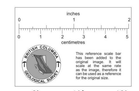
LEB

DP468A0P00



120 Zn, 1983 Sample Results

165 Zn, 1982 Sample Results



Metres 50 25 0 50 100 150 200 250 Metres

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ZINC GEOCHEMISTRY

WEST GRID

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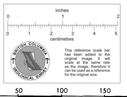
74 Pb, 1983 Sample Results

69 Pb, 1982 Sample Results



Metres 50 25 0 50 100 150 200 250 Metres

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LEAD GEOCHEMISTRY

WEST GRID

LARA PROJECT, 1983

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