LOG NO: 11-30	RD.
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FILE NO:	

LATIMER LAKE PROJECT

REPORT ON

GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL PROGRAMS

ON THE DOLE 1-4, LAKE 1-4, BAKE 1-4 AND EN CLAIMS

LIARD MINING DIVISION

NTS 104 G/13

LATITUDE: $57^{0}48'N$ LONGITUDE: $131^{0}40'W$

Owner / Operator:

CANDELA RESOURCES LTD.
c/o Prime Explorations
11th Floor, Box 10
808 West Hastings Street
Vancouver, B.C.
V6C 2X6

Author:

David St. Clair Dunn, F.G.A.C.
Hi-Tec Resource Management Ltd.
1500 - 609 Granville Street
Vancouver, B.C.
V7Y 1G5

20,532

GEOLOGICAL BRANCH
ASSESSMENT REPORT

October 10, 1990

1.0 SUMMARY

A program of stream sediment sampling, lithogeochemical sampling, geological mapping and VLF-EM/magnetometer geophysical surveying was carried out by a five person crew from June 22nd, 1990 to July 23rd, 1990 on the Lake 1-4, Bake 1-4, Dole 1-4 and En claims. The targets of this program were vein, structure related and disseminated gold mineralization.

The Lake 1-4, Bake 1-4, Dole 1-4 and En claims cover a sequence of Upper Triassic siltstone, andesite flows and pyroclastics, limestone and minor chert. This sequence has been intruded by orthoclase poryphyry syenite dykes on the east side of Isolation Mountain. There are strong hematitic gossans associated with the dykes, with disseminated pyrite and minor chalcopyrite in the host sequence. This mineralization is located within 100 meters of the dykes. Beyond this distance, the bedded sequence contains minor to 2% diagenetic pyrite.

Three of 20 heavy mineral samples and one of 17 silt samples were anomalous in gold. Detailed prospecting was carried out in the four drainages from which the anomalous sediment samples were taken. One anomalous float rock sample (105 ppb Au) was returned. Considerable glacial till was observed in all four drainages.

One rock sample taken on the west side of Isolation Mountain in the initial stream sediment sampling program was anomalous. This sample assayed 320 ppb Au. The sample was fractured chert float. The source of this float was not located. Considerable glacial till was observed in the drainage where the sample was taken.

Ten line kilometres of VLF-EM and magnetometer surveys were run immediately east of Latimer Lake. This area is covered by at least 30 metres of glacial till.

2.0 CONCLUSIONS

One gossanous zone with pyrite and minor chalcopyrite associated with orthoclase porphyry dykes was located on the east side of Isolation Mountain. No precious metal values of economic interest were returned from samples taken in this zone.

Four stream sediment samples anomalous in gold were taken. No in situ source of these anomalies was discovered. Considerable glacial till is present at and above the sites of these samples. The glacial till might be the source of the anomalous sediment samples.

Ten line kilometres of VLF-EM and magnetometer surveys were run immediately east of Latimer Lake. This area is covered by at least 30 metres of glacial till.

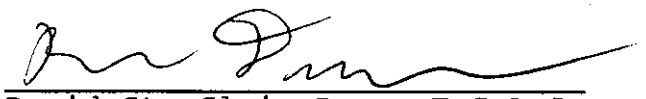
Two anomalous float samples were taken. No in situ source of these samples was located. These samples might also be glacially transported.

An interpretation of the geophysical surveys is included in Appendix D.

3.0 RECOMMENDATIONS

No further work is recommended on this property at this time.

Respectfully submitted,



David St. Clair Dunn, F.G.A.C.

October 10, 1990

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MAPS

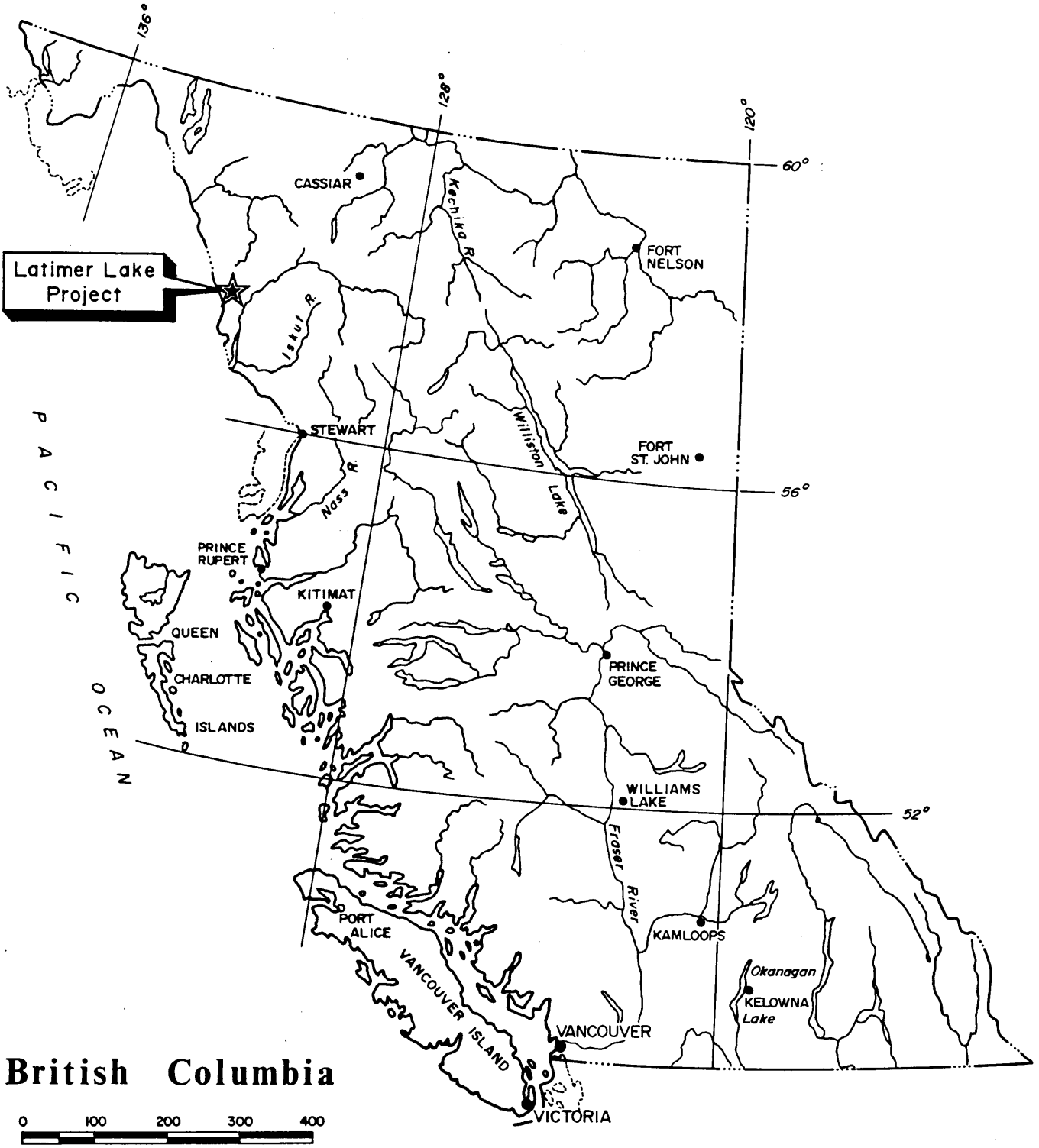
4.0 INTRODUCTION

The Bake 1-4, Lake 1-4, Dole 1-4, and En claims are located in northwestern B.C. (See Figure 1).

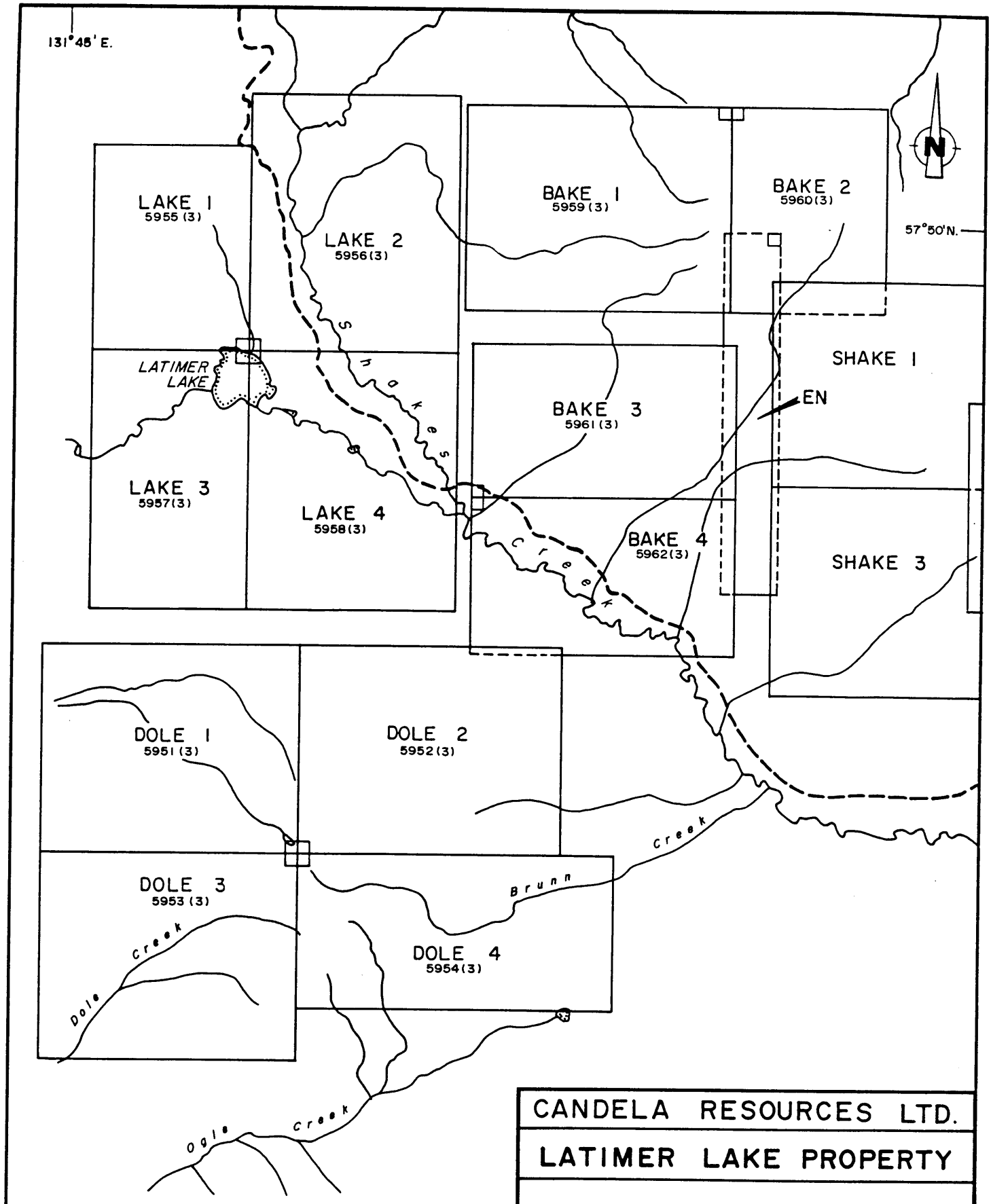
The emphasis of this program was to outline any significant gold mineralization on the claims. Stream sediment sampling, lithogeochemical sampling, geological mapping, and VLF-EM/magnetometer geophysical surveys were carried out. Seventeen silt samples, 20 heavy mineral samples and 63 rock samples were taken. Two square kilometres were mapped at a scale of 1:10,000. One kilometre of cut and picketed base line was laid out. Nine kilometres of compassed and flagged cross lines were run. These cross lines were surveyed using an Omni Plus combined magnetometer VLF-EM. Total magnetic field and two stations of VLF-EM were read at 25 metre stations along all the cross lines. Both in phase and quadrature VLF readings were taken. Geophysical interpretation is included in Appendix D. VLF-EM profiles are shown on Map 3 and total magnetic field is contoured on Map 4.

4.1 Location and Access

The Lake claim group is located approximately 30 kilometres west south-west of Telegraph Creek covering Isolation Mountain, Latimer Lake, a portion of Shakes Creek and the northern quarter of Rugged Mountain (See Figure 2). The centre of the claims is situated near latitude $57^{0}48'$N and longitude $131^{0}40'$W on NTS map sheet 104 G/13.



CANDELA RESOURCES LTD.			
LATIMER LAKE PROPERTY			
General Location Map			
M-TEC RESOURCE MANAGEMENT LTD.	SCALE: as shown	N.T.S.: 104G/13E	FIGURE No: 1
	DWN. BY:	DATE: OCT. 1990	
	CHKD. BY:	PROJECT No: 90BC014	FILE No:



CANDELA RESOURCES LTD.

LATIMER LAKE PROPERTY

Claim Location Map

HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1:50,000	N.T.S.: 104G/13E	FIGURE No: 2
	DWN. BY:	DATE: OCT. 1990	
	CHKD. BY:	PROJECT No: 90BC014	FILE No:

Access to the property was by daily helicopter set-outs from Telegraph Creek. An overgrown cat road crosses the property south-east to north-west. This road, locally called the "Iron Road", was built in the 1960's and has been recently cleared to 4.5 kilometres from the property.

4.2 Topography, Vegetation, and Climate

Approximately 30% of the Lake claim group covers the area surrounding Latimer Lake and the Shakes Creek drainage. This is flat swampy ground covered by mature spruce with moderate undergrowth of alder, bracken, and huckleberry. The majority of the remainder of the claims cover Isolation Mountain and a portion of Rugged Mountain. These areas have moderate topography with dense undergrowth to the treeline at 1350 metres elevation. Small areas of extreme topography exist on the north-east, east, and south-west slopes of Isolation Mountain.

The Lake claim group lies within the rain shadow of the Coast Range. Climate is mild with moderate precipitation. Precipitation accumulates as up to 3.0 metres of snow in the winter. Exploration can be carried out on the property from early May until late October.

4.3 Exploration History

The only recorded work available on the property was carried out in 1972 by Quintana Minerals Corp. (B.C. Assessment

Report 3642). Quintana staked the area surrounding Latimer Lake as the Lim claims based on government airborne magnetometer surveys. Quintana carried out a ground magnetometer survey in the hopes of outlining a buried syenite plug and associated copper mineralization.

The area is relatively accessible from the Stikine River and was undoubtedly thoroughly prospected for gold in the 1860's, 1890's, 1920's and 1930's.

4.4 Claim Status

The property consists of 13 non-contiguous claims totalling 214 units. The claims are owned by Candela Resources Ltd., who commissioned the work outlined in this report. Relevant claim data is listed below:

Claim Name	Rec. No.	No.of Units	Rec. Date (on acceptance of this report)	Exp. Date
Lake 1	5955	12	23/3/89	23/3/91
Lake 2	5956	20	23/3/89	23/3/91
Lake 3	5957	15	23/3/89	23/3/91
Lake 4	5958	20	23/3/89	23/3/91
Bake 1	5959	20	23/3/89	23/3/91
Bake 2	5960	12	23/3/89	23/3/91
Bake 3	5961	15	23/3/89	23/3/91
Bake 4	5962	15	23/3/89	23/3/91
Dole 1	5951	20	22/3/89	22/3/91
Dole 2	5952	20	22/3/89	22/3/91
Dole 3	5953	20	22/3/89	22/3/91
Dole 4	5954	18	22/3/89	22/3/91
En	6128	7	22/6/89	22/6/91

5.0 GEOLOGY

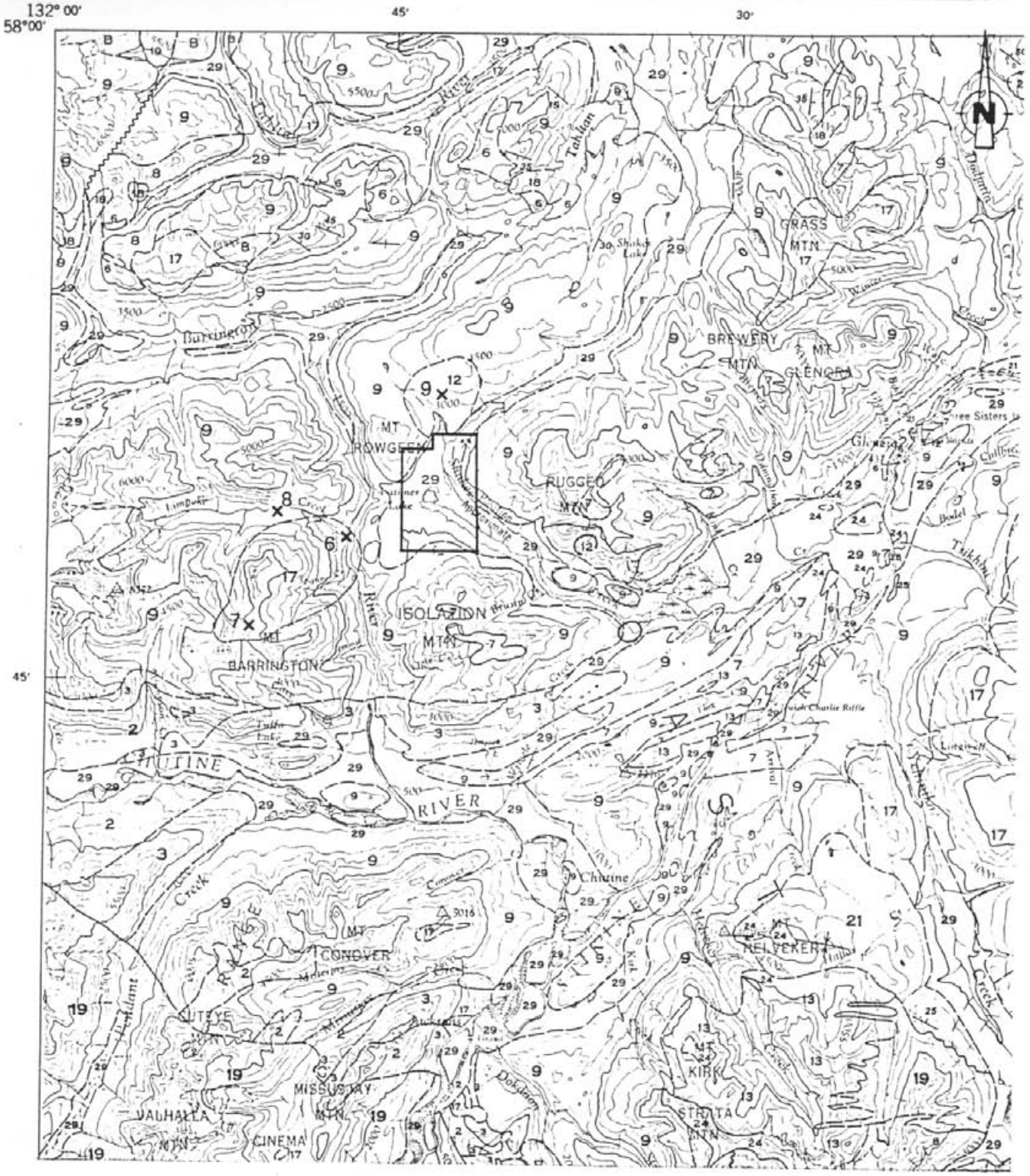
5.1 Regional Geology

The Latimer Lake Project area is located on the eastern flank of the main belt of the Coast Plutonic Complex and on the western margin of the Intermontane Belt within the Stikine Arch. The Stikine Arch consists of Permian to Middle Triassic oceanic sediments unconformably overlain by rocks equivalent to Upper Triassic Stuhini Group island arc volcanics and sediments. These volcanics and sediments have been intruded by syenitic stocks and by quartz diorite and granodiorite plutons of the Coast Plutonic Complex (Souther, 1971). Souther's 1958 mapping of map sheet 104G, where the Lake claims are located, show the Coast Range Intrusions as being post Lower Triassic age.

5.2 Property Geology and Mineralization

Approximately 30% of the Lake claim group surrounding Latimer Lake and bordering Shakes Creek is underlain by fluvial material. This material is at least 30 metres deep and masks geology and mineralization in the areas mentioned. Outside of these areas the claims are underlain by a sequence of siltstone, andesite flows and pyroclastics, limestone and minor chert of the Triassic Stuhini Group. This sequence has been intruded on Isolation Mountain by orthoclase porphyry syenite dykes probably of Upper Triassic or Lower Jurassic age. The bedded rocks generally strike east-west and dip moderately north, but considerable deformation in some areas causes erratic bedding attitudes.

The only mineralization of note is within the sedimentary-volcanic package near the aforementioned dykes. Two to five percent pyrite and minor chalcopyrite are present in this



Note: see following page for legend.

CANDELA RESOURCES LTD.

LATIMER LAKE PROPERTY

Regional Geology

HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1:250,000	N.T.S.: 104G/13E	FIGURE No: 3
	DWN. BY:	DATE: OCT. 1990	
	CHKD. BY:	PROJECT No: 908C014	FILE No:

area. No significant gold values were returned from over 30 rock samples taken in the more mineralized zones. Outside of this area the sedimentary-volcanic package contains minor to two percent diagenetic pyrite. Character samples did not return any significant gold values from rock outcrop.

6.0 Geochemistry

Seventeen silt samples and 20 heavy mineral samples were taken in most secondary drainages on the property. Sampling methodology is described in Appendix B. Not enough samples were taken to allow for statistical treatment, so anomalous levels were set based on previous work in the area and discussions with other professionals familiar with the area. Anomalous levels were set at 200 ppb Au and 30 ppb Au for heavy minerals and silts respectively. Three heavy mineral samples were anomalous in gold at 435 ppb Au, 280 ppb Au, and 6860 ppb Au. The first sample was taken on the Bake 1 claim from a west flowing tributary of Shakes Creek. The latter two samples were taken on the west and south side of Isolation Mountain respectively. On examination of the sample sites, considerable glacial till was observed at and above all three sites. Glacial erratics were observed on the peak of Isolation Mountain. Detailed prospecting did not find any in situ source for the anomalous heavy mineral samples. The possibility exists that the high gold values in these samples came from transported material.

An 80 ppb Au silt sample was taken from a drainage on the north side of Isolation Mountain. This sample might also have been derived from transported material for the reasons stated above.

7.0 GEOPHYSICS

A geophysical survey was run in an area of deep overburden east of Latimer Lake. A line was run 600 metres at a bearing of 45^0 from the Lake 1-4 LCP. From this point, a cut and picketed base line was run 400 metres at a bearing of 315^0 and 600 metres at a bearing of 135^0. Compassed and flagged cross lines were run for 500 metres at bearings of 45^0 and 225^0 every 100 metres on the base line. Stations were marked every 25 metres on the cross lines. Total magnetic field and two stations of VLF-EM were read at each station on the cross lines. Total magnetic field data has been plotted and contoured on Map 4. VLF-EM in-phase and quadrature readings are plotted on Map 3. An interpretation of the geophysics is included in Appendix D.

8.0 BIBLIOGRAPHY

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Souther, J.G. (1971): Telegraph Creek Map Area, British Columbia; Geological Survey of Canada Paper 71-44.

9.0 STATEMENT OF QUALIFICATIONS

I, David St. Clair Dunn, with a business address of #1500-609 Granville Street, Vancouver, B.C. to hereby certify that:

1. I am a consulting geologist registered with the Geological Association of Canada (Fellow #4943).

2. I am an Affiliate member of the Association of Exploration Geochemists.

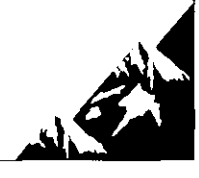
3. I hold a B.Sc. degree (1980) in geology from the University of British Columbia.

4. I have been practising my profession as a prospector and geologist for over 20 years.

5. I personally supervised the work on Candela Resources Ltd. Lake 1-4, Bake 1-4, Dole 1-4, and En claims.

6. I do not hold any equity interest in the Lake, Bake, Dole, and En claims or Candela Resources Ltd.

7. I consent to the use of this report in a Prospectus or statement of Material Facts for the purpose of a private or public financing.



APPENDIX A

SAMPLE RESULTS

ECO-TECH LABORATORIES LTD.

PRIME EXPLORATIONS - ETK90-224

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

1500-609 GRANVILLE STREET
P.O. BOX 10362
VANCOUVER, B.C.
V7Y 1C6

JULY 4, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

ATTENTION: TERRY BITILE
PROJECT: 90-BC-014 LATIMER LAKE
SHIPMENT NO.: 2
16 SILT SAMPLES RECEIVED JUNE 26, 1990

ET#	DESCRIPTIONS	AU(ppb	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
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224 - 2	104308	15	.2	1.64	15	(2	35	(5	1.33	(1	31	20	77	6.91	.06	(10	.92	735	(1	.05	25	1080	10	(5	(20	79	.22	(10	503	(10	4	101
224 - 3	104310	80	.6	1.03	10	(2	40	(5	.31	(1	7	17	67	1.81	.05	(10	.36	145	2	.05	4	1060	10	(5	(20	40	.10	(10	147	(10	1	35
224 - 4	104313	15	.4	1.16	20	(2	90	(5	.81	(1	22	36	113	4.10	.03	(10	.81	1588	4	.05	50	1130	18	(5	(20	45	.08	(10	209	(10	4	148
224 - 5	104315	25	.4	2.03	30	(2	150	(5	1.22	(1	28	40	144	4.75	.09	10	1.33	1374	(1	.07	34	1430	10	(5	(20	105	.19	(10	300	(10	7	142
224 - 6	104317	15	.4	2.00	15	(2	200	(5	2.15	(1	22	32	74	4.60	.05	10	1.19	848	2	.09	35	1210	8	(5	(20	86	.17	(10	248	(10	7	167
224 - 7	104319	20	.6	1.87	15	(2	190	(5	.99	(1	25	30	88	4.39	.06	(10	1.13	1080	(1	.06	31	1440	10	(5	(20	62	.19	(10	278	10	6	153
224 - 8	104321	5	.4	1.94	15	(2	50	(5	.96	(1	29	42	124	4.86	.05	(10	1.35	1232	2	.05	32	1120	10	(5	(20	40	.28	(10	335	(10	5	158
224 - 9	104323	10	.4	2.39	20	(2	60	(5	2.92	(1	39	39	241	6.47	.05	10	1.75	1240	3	.10	33	1460	12	5	(20	108	.23	(10	401	(10	6	107
224 -10	104352	(5	.4	2.42	15	(2	55	(5	1.41	(1	28	33	84	4.46	.04	(10	1.80	807	2	.06	21	1230	12	10	(20	168	.22	(10	153	(10	6	91
224 -11	104354	5	.4	2.11	10	(2	80	(5	1.36	(1	21	33	72	4.04	.03	(10	1.45	771	2	.06	21	960	10	10	(20	112	.18	(10	152	(10	5	85
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224 -14	104360	15	.4	2.45	30	(2	160	(5	.88	(1	29	21	140	3.90	.11	10	1.11	801	1	.09	15	830	8	5	(20	193	.17	(10	144	(10	8	68
224 -15	104364	15	.6	1.42	20	(2	350	(5	.84	(1	18	23	66	3.47	.05	(10	.85	700	9	.06	30	1220	10	5	(20	75	.09	(10	113	(10	5	168
224 -16	104366	5	1.0	2.04	20	(2	300	(5	1.76	(1	23	34	85	3.72	.06	(10	1.36	770	9	.10	38	1310	10	5	(20	152	.10	(10	124	(10	6	194

NOTE: (= LESS THAN
MISSING TAG #104362

FAX: D. DUNN @ 235-3290
TERRY BITILE @ PRIME EXPLORATIONS
cc. D. DUNN C/O TRANS NORTH AIR
TELEGRAPH CREEK, B.C.
SC90/HI-TEC 014

Jutta Jealouse

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 5, 1990

CERTIFICATE OF ANALYSIS ETK 90-227

PRIME EXPLORATIONS
P.O. BOX 10, 10TH FLOOR
808 W. HASTINGS ST.
VANCOUVER, B.C.
V6C 2X4

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 18 HEAVY MINERAL samples received June 26, 1990
PROJECT: 90 - BC - 014 LATTIMER LAKE
SHIPMENT NO.: 2

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
227 - 1	104305	30	.1	129	26	91	11
227 - 2	104307	35	.2	26	35	69	10
227 - 3	104309	60	.2	143	21	66	12
227 - 4	104311	30	.1	73	19	91	10
227 - 5	104312	25	<.1	68	22	84	13
227 - 6	104316	15	.3	45	20	90	13
227 - 7	104318	10	.1	46	13	86	9
227 - 8	104320	10	<.1	73	17	102	8
227 - 9	104322	30	.2	146	19	73	13
227 - 10	104351	435	<.1	41	21	85	14
227 - 11	104353	20	.1	29	15	71	9
227 - 12	104355	30	<.1	30	17	72	10
227 - 13	104357	25	<.1	59	13	64	8
227 - 14	104359	230	.8	80	18	109	11
227 - 15	104361	15	.7	82	15	156	10
227 - 16	104363	6860	.2	27	14	94	11
227 - 17	104365	55	.5	62	13	121	9
227 - 18	104367	20	.3	148	20	66	17

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

FAX: D. DUNN
1-235-3290
TERRY BITTLE PRIME EXPLORATIONS

cc. V. KURAN HI-TEC

SC90/HIGH TEC

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 6, 1990

CERTIFICATE OF ANALYSIS ETK 90-220

PRIME EXPLORATIONS LTD.
10TH FLOOR, 808 W. HASTINGS STREET
VANCOUVER, B.C.
V6C 2X4

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 1 ROCK sample received June 26, 1990
PROJECT: 90-BC-014 LATTIMER LAKE
SHIPMENT NO.: 2

ET#	Description	AU (g/t)	AU (oz/t)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	MO (ppm)
220 - 1	104314	.32	.009	.1	23	9	27	16

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

FAX: D. DUNN @ 235-3290
T. BITTLE PRIME EX. 687-2309
cc. D. DUNN
c/o TRANS NORTH AIR
TELEGRAPH CREEK, B.C.

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 23, 1990

CERTIFICATE OF ANALYSIS ETK 90-320

PRIME EXPLORATIONS LTD.
10TH FLOOR, 808 W. HASTINGS STREET
VANCOUVER, B.C.
V6C 2X4

ATTENTION: TERRY BITTLE

SAMPLE IDENTIFICATION: 1 ROCK sample received July 16, 1990
PROJECT: 90-BC-014 LATTIMER LAKE
SHIPMENT NO.: 5

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
320 - 1	104350	5	.3	82	83	12

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

FAX: T. BITTLE @ 687-2309
D. DUNN @ 235-3290
V. KURAN @ 685-6806

cc. V. KURAN HI-TEC

SC90/HIGH TEC

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

JULY 24, 1990

CERTIFICATE OF ANALYSIS ETK 90-309

PRIME EXPLORATIONS LTD.
10TH FLOOR, 808 W. HASTINGS STREET
VANCOUVER, B.C.
V6C 2X4

ATTENTION: JIM FOSTER

SAMPLE IDENTIFICATION: 2 HEAVY MINERAL samples received July 16, 1990
PROJECT: 90-BC-014 LATTIMER LAKE
SHIPMENT NO.: 5

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)
309 - 1	93013	10	.5	107	20	141
309 - 2	93014	<5	.8	142	22	152

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

FAX: J. FOSTER PRIME EX. 687-2309
cc. V. KURAN HI-TEC

SC90/HI-TEC 011

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 3, 1990

CERTIFICATE OF ANALYSIS ETK 90-359

PRIME EXPLORATIONS LTD.
10TH FLOOR, 808 W. HASTINGS STREET
VANCOUVER, B.C.
V6C 2X4

ATTENTION: JIM FOSTER

SAMPLE IDENTIFICATION: 30 ROCK sample received July 25, 1990
PROJECT: 90-BC-014 LATTIMER LAKE
SHIPMENT NO.: 6

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
359 - 1	104350	5	.1	168	11	83
359 - 2	104351	5	.1	176	12	95
359 - 3	104352	10	<.1	497	8	113
359 - 4	104353	5	.1	234	7	124
359 - 5	104354	<5	.1	118	9	77
359 - 6	104355	5	.2	186	10	102
359 - 7	104356	<5	.1	247	7	121
359 - 8	104357	<5	.2	94	11	86
359 - 9	104358	5	.5	14	20	31
359 - 10	104359	<5	.2	107	8	103
359 - 11	104360	<5	.1	115	6	91
359 - 12	104361	<5	.3	84	10	83
359 - 13	104362	5	.1	61	9	85
359 - 14	104363	<5	.2	71	7	91
359 - 15	104364	5	<.1	78	9	82
359 - 16	104365	5	.2	59	10	47
359 - 17	104366	<5	.2	80	3	85
359 - 18	104367	<5	.2	136	10	100
359 - 19	104368	5	.1	158	15	107
359 - 20	104369	<5	.1	92	8	94
359 - 21	104370	5	.3	654	3	68
359 - 22	104371	<5	.1	121	4	60
359 - 23	104372	<5	.2	999	3	70
359 - 24	104373	<5	.2	154	23	107
359 - 25	104374	10	.1	432	17	62
359 - 26	104375	10	.3	652	10	82
359 - 27	104376	5	.1	67	9	45
359 - 28	104377	<5	.3	149	8	86
359 - 29	104378	<5	.2	248	7	57
359 - 30	104379	<5	.1	270	14	34

NOTE: < = LESS THAN

FAX: JIM FOSTER
cc. V. KURAN HI-TEC

SC90/HIGH TEC

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 9, 1990

CERTIFICATE OF ANALYSIS ETK 90-399

PRIME EXPLORATIONS LTD.
P.O. BOX 10, 10TH FLOOR
808 WEST HASTINGS STREET
VANCOUVER, B.C.
V6C 2X4

ATTENTION: JIM FOSTER

SAMPLE IDENTIFICATION: 15 ROCK samples received AUGUST 1, 1990
PROJECT: 90-BC-014 LATTIMER LAKE
SHIPMENT NO.: 6

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)
399 - 1	93100	<5	<.1	74	8	113
399 - 2	93127	10	<.1	225	12	40
399 - 3	93128	15	.3	820	15	83
399 - 4	93129	<5	.1	167	9	42
399 - 5	93130	<5	<.1	128	11	103
399 - 6	93131	5	<.1	68	17	252
399 - 7	93132	<5	<.1	132	2	67
399 - 8	93133	<5	.1	64	4	259
399 - 9	93171	5	<.1	367	2	10
399 - 10	93172	5	<.1	294	3	17
399 - 11	93201	<5	<.1	105	5	97
399 - 12	93202	<5	<.1	94	10	83
399 - 13	93203	<5	<.1	97	12	81
399 - 14	93204	<5	<.1	59	10	65
399 - 15	93205	<5	<.1	147	11	82

ECO-TECH LABORATORIES LTD.
Lory McIsaac
B.C. Certified Assayer

FAX: J. FOSTER 1-687-2309

cc: V. KURAN HI-TEC

SC90/HIGH TEC-011

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

PRIME EXPLORATIONS LTD. - ETK 90-261

10TH FLOOR, 808 W. HASTINGS STREET
VANCOUVER, B.C.
V6C 2X4

ATTENTION: TERRY BITTLE
PROJECT: 90-BC-014 LATTIMER LAKE
1 SILT SAMPLE RECEIVED JUNE 26, 1990
SHIPMENT NO.: 2

JULY 6, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
261 - 1	104368	20	.4	2.01	20	<2	10	<5	2.73	<1	35	38	220	4.61	.04	10	1.75	1015	9	.07	25	1330	12	5	<20	78	.18	<10	177	<10	5	94

NOTE: < = LESS THAN

FAX: D. DUNN @ 235-3290
TERRY BITTLE @ 687-2309

cc: VIRGINIA KURAN
HI-TEC

SC90/HI-TEC 014

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE

B.C. CERTIFIED ASSAYER

APPENDIX B

SAMPLING METHODOLOGY

SAMPLING METHODOLOGY

A. STREAM SEDIMENTS

Silt Samples

Approximately 0.5 kg of silt was collected from the active stream channel, placed in a standard gusseted kraft bag and shipped to Eco-Tech Laboratories in Kamloops. These samples were then dried and sieved to -80 mesh. A ten gram split of the sample was analyzed for gold by fire assay with atomic absorption finish. A one gram split of the remainder of the sample was analyzed for 30 elements using Aqua Regia extraction and ICP.

Heavy Mineral Samples

A sample of between 5 gm and 30 gm was panned in the field from two pans of -1.4 cm gravel and one pan of moss. The panned material was placed in 6 mil plastic bags and shipped to Eco-Tech Laboratories Ltd. in Kamloops. A one gram split of this material was analyzed for silver, lead, copper and zinc using wet extraction and atomic absorption. The remainder of the sample was analyzed for gold using fire assay and atomic absorption finish.

B. LITHOGEOCHEMICAL SAMPLING

Approximately 2 kg of rock was collected and placed in 6 mil plastic bags and shipped to Eco-Tech Laboratories in Kamloops. This material was crushed and pulverized to -140 mesh and a 1 assay ton split taken. The split was analyzed for gold using fire assay and atomic absorption finish. Another 10 gm split was analyzed for copper, lead, zinc and silver using wet extraction and atomic absorption finish.

C. SOIL SAMPLES

Approximately 0.5 kg of "B" horizon soil, where available, or talus fines where not, was placed in standard gusseted kraft bag and shipped to Eco-Tech Laboratories in Kamloops. This material was dried and sieved to -80 mesh. A 14 gram sample was analyzed for gold using fire assay and atomic absorption finished. Another one gram split was analyzed for 30 elements using Aqua Regia extraction and ICP.

APPENDIX C

ANALYTICAL METHODS

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through 80 mesh nylon sieves.

2. Rock, Core: Samples dried (if necessary), crushed, riffled to pulp size and pulverized to approximately -140 mesh.

3. Heavy Mineral Separation:
Samples are screened to -20 mesh, washed and separated in Tetrabromoethane. (SG 2.96)

METHODS OF ANALYSIS

All methods have either certified or in-house standards carried through entire procedure to ensure validity of results.

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

Digestion	Finish
Hot aqua-regia	Atomic Absorption, background correction applied where appropriate

A) Multi-Element ICP

Digestion	Finish
Hot aqua-regia	ICP

2. Antimony

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

3. Arsenic

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

4. Barium

Digestion	Finish
Lithium Metaborate Fusion	I.C.P.

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10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

5. Beryllium

Digestion	Finish
Hot aqua regia	Atomic Absorption

6. Bismuth

Digestion	Finish
Hot aqua regia	Atomic Absorption

7. Chromium

Digestion	Finish
Sodium Peroxide Fusion	Atomic Absorption

8. Fluorine

Digestion	Finish
Lithium Metaborate Fusion	Ion Selective Electrode

9. Mercury

Digestion	Finish
Hot aqua regia	Cold vapor generation - A.A.S.

10. Phosphorus

Digestion	Finish
Lithium Metaborate Fusion	I.C.P. finish

11. Selenium

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

12. Tellurium

Digestion	Finish
Hot aqua regia Potassium Bisulphate Fusion	Hydride generation - A.A.S. Colorimetric or I.C.P.

ECO-TECH LABORATORIES LTD.
ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

13. Tin

Digestion	Finish
Ammonium Iodide Fusion	Hydride generation - A.A.S.

14. Tungsten

Digestion	Finish
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

15. Gold

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Atomic Absorption

16. Platinum, Palladium, Rhodium

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Graphite Furnace - A.A.S.

LEGEND

CENOZOIC

QUATERNARY
PLEISTOCENE AND RECENT

29 Fluviatile gravel; sand, silt; glacial outwash, till, alpine moraine and colluvium

28 Hot-spring deposit, tufa, aragonite

27 Olivine basalt, related pyroclastic rocks and loose tephra; younger than some of 29

TERTIARY AND QUATERNARY
UPPER TERTIARY AND PLEISTOCENE

26 Rhyolite and dacite flows, lava domes, pyroclastic rocks and related subvolcanic intrusions; minor basalt

25 Basalt, olivine basalt, dacite, related pyroclastic rocks and subvolcanic intrusions; minor rhyolite; in part younger than some 26

CRETACEOUS AND TERTIARY
UPPER CRETACEOUS AND LOWER TERTIARY
SLOKO GROUP

24 Light green, purple and white rhyolite, trachyte and dacite flows, pyroclastic rocks and derived sediments

22 23 22. Biotite leucogranite, subvolcanic stocks, dykes and sills
23. Porphyritic biotite andesite, lava domes, flows and (?) sills

SUSTUT GROUP

21 Chert-pebble conglomerate, granite-boulder conglomerate, quartzose sandstone, arkose, siltstone, carbonaceous shale and minor coal

20 Felsite, quartz-feldspar porphyry, pyritiferous felsite, orbicular rhyolite; in part equivalent to 22

19 Medium-to coarse-grained, pink biotite-hornblende quartz monzonite

JURASSIC AND/OR CRETACEOUS
POST-UPPER TRIASSIC PRE-TERTIARY

18 Hornblende diorite

17 Granodiorite, quartz diorite; minor diorite, leucogranite and migmatite

JURASSIC
MIDDLE (?) AND UPPER JURASSIC
BOWSER GROUP

16 Chert-pebble conglomerate, grit, greywacke, subgreywacke, siltstone and shale; may include some 13

MIDDLE JURASSIC

15 Basalt, pillow lava, tuff-breccia, derived volcaniclastic rocks and related subvolcanic intrusions

LOWER AND MIDDLE JURASSIC

14 Shale, minor siltstone, siliceous and calcareous siltstone, greywacke and ironstone

LOWER JURASSIC

13 Conglomerate, polymictic conglomerate; granite-boulder conglomerate, grit, greywacke, siltstone; basaltic and andesitic volcanic rocks, peperites, pillow-breccia and derived volcaniclastic rocks

MESOZOIC

TRIASSIC AND JURASSIC
POST-UPPER TRIASSIC PRE-LOWER JURASSIC

12 Syenite, orthoclase porphyry, monzonite, pyroxenite

HICKMAN BATHOLITH

10 11 10. Hornblende granodiorite, minor hornblende-quartz diorite 11. Hornblende, quartz diorite, hornblende-pyroxene diorite, amphibolite and pyroxene-bearing amphibolite

TRIASSIC
UPPER TRIASSIC

9 Undifferentiated volcanic and sedimentary rocks (units 5 to 8 inclusive)

8 Augite-andesite flows, pyroclastic rocks, derived volcaniclastic rocks and related subvolcanic intrusions; minor greywacke, siltstone and polymictic conglomerate

7 Siltstone, thin-bedded siliceous siltstone, ribbon chert, calcareous and dolomictic siltstone, greywacke, volcanic conglomerate, and minor limestone

6 Limestone, fetid argillaceous limestone, calcareous shale and reefoid limestone; may be in part younger than some 7 and 8

5 Greywacke, siltstone, shale; minor conglomerate, tuff and volcanic sandstone

MIDDLE TRIASSIC

4 Shale, concretionary black shale; minor calcareous shale and siltstone

PALEOZOIC

PERMIAN
MIDDLE AND UPPER PERMIAN

3 Limestone, thick-bedded mainly bioclastic limestone; minor siltstone, chert and tuff

PERMIAN AND OLDER

2 Phyllite, argillaceous quartzite, quartz-sericite schist, chlorite schist, greenstone, minor chert, schistose tuff and limestone

MISSISSIPPIAN

1 Limestone, crinoidal limestone, ferruginous limestone; maroon tuff, chert and phyllite

B Amphibolite, amphibolite gneiss; age unknown probably pre-Upper Jurassic

A Ultramafic rocks; peridotite, dunite, serpentinite; age unknown, probably pre-Lower Jurassic

Geological boundary (defined and approximate, assumed)

Bedding (horizontal, inclined, vertical, overturned)

Anticline

Syncline

Fault (defined and approximate, assumed)

Thrust fault, teeth on hanging-wall side (defined and approximate, assumed)

Fossil locality Ⓕ

Mineral property 15×

Glacier

INDEX TO MINERAL PROPERTIES

1. Liard Copper	5. Bam	9. MH	13. Ann, Su
2. Galore Creek	6. Gordon	10. BIK	14. SF
3. QC, QCA	7. Limpoke	11. JW	15. Goat
4. Nabs	8. Poke	12. Copper Canyon	16. Mary

APPENDIX D

GEOPHYSICAL

INTERPRETATION

SJ GEOPHYSICS LTD.

11762-94th Avenue
Delta, B.C. V4C 3R7

Bus (604) 582-1100
Fax (604) 589-7466

Hi-Tec Resource Management LTD.
1590 - 609 Granville Street,
Vancouver, B.C.
V7Y 1C6

Dear Mr. Dave Dunn,

Re: Lattimer Lake Project

The following is a interpretation and compilation of the magnetic and VLF-EM data collected by Hi-Tec Resource Management LTD. on the Lattimer Lake property.

The magnetic and VLF-EM anomalies are compiled on the VLF-EM survey compilation dip angle and quadrature map No 3.

The magnetic data indicates a higher magnetic background in the south eastern part of the grid which may reflect a underlying intrusive rock. The intrusive appears to be cut by faults or shear zones as noted by the magnetic lows striking across the grid at approximately 350W and 150W. There also appears to be a depletion of magnetite content above the perimeter of the intrusive.

A fairly uniform weak wide magnetic high strikes across the grid at approximately 200E to 300E. There appears to be a significant change in magnetic response to the east of this magnetic high which may be due to a combination of decrease of overburden thickness, topography and a change in local geology.

The VLF-EM data indicates a number of weak anomalies which likely indicates lateral variations in the overburden or thickness of overburden.

Syd Visser, B.Sc., F.G.A.C.

Geophysicist
SJ Geophysics Ltd.

APPENDIX E

STATEMENT OF COSTS

Expediting (Vancouver, Smithers)	507.48
Vehicle Rental and expenses	303.44
Government filing (Not including filing fees)	350.00
Accounting, Communications, and Freight	1,082.31
Report Preparation, drafting and compilation	4,300.00
15% Management Fees	6,696.17
TOTAL COSTS	$ 51,337.27

LAKE 1-4

BAKE 1+2

BAKE 3+4

DOLE 1-4

SHAKE

EN

LATIMER LAKE

ISOLATION MTN.

5167

5219

5853

5940

Basalt

Basalt flow

Pyroclastic

Calc Arg

Minor Arg. interbed

Calc Arg/siltstone

Basalt (amygdaloidal) Flow

Andesite Dyke

Gwke Chert cong.

Arg

Calc. Arg

And. Volc. flow

Volcaniclastic

Minor Arg/siltstone Gwke + Cgl

Gwke

Siliceous And

12 Sy dyke

12 Sy dyke swarm

Cgl Hematite zone

Chert Cgl Breccia

Fine grained Andesite

minor Arg

volcaniclastic

And

Minor Chert + Gywke interbeds

Chert/Arg

Calcareous Arg/Siltstone

Calcareous Siltstone

Siliceous Siltstone

Siliceous Arg/Siltstone

Arg with Qtz. stringers

Arg with Qtz. stringers

Interbedded Cherl

Dole Creek

Brunn Creek

Shake Creek

29

2000 2200 2400 2600 3000 3200 3400 3600 4000 4400 4600 5000 5400 5600

N

SYMBOLS

- Geological boundary. (Defined, assumed)
- Water course.
- Lake.
- Road
- 3600 Contour (interval 200')
- Claim outline.
- Outcrop.
- Bedding.
- Joint.
- Fault.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,923

LEGEND

QUATERNARY

PLEISTOCENE AND RECENT

29 Fluvatile gravel, sand and silt; glacial till and alpine moraine; colluvium.

TRIASSIC AND JURASSIC

POST-UPPER TRIASSIC PRE-LOWER JURASSIC

12 Syenite, orthoclase porphyry; occurs as dyke swarms.

TRIASSIC

UPPER TRIASSIC

8 Andesite - basalt flows, volcaniclastics minor interbedded greywacke, argillite, siltstone and polymictic conglomerate.

7 Interbedded siltstone, siliceous and calcareous siltstone, argillite, greywacke minor limestone and polymictic conglomerate.

ABBREVIATIONS

Arg	Argillite.
Cgl	Conglomerate.
Sy	Syenite
Gywke	Greywacke
And	Andesite
Calc	Calcareous

0 100 300 500 1000 Metres

Note: The legend on the property geology map corresponds to Souther's 1971 Telegraph Creek (1:250,000) map numbering system and designated geological divisions.

CANDELA RESOURCES LTD.

LATIMER LAKE PROJECT

GEOLOGY

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1:10,000	N.T.S.: 104G/13E	MAP No: 1
DWN. BY:	DATE: OCT. 1990	
CHKD. BY:	PROJECT No: 90BC014	

LAKE 1-4

BAKE 1+2

BAKE 3+4

DOLE 1-4

EN

SHAKE

LATIMER LAKE

ISOLATION MTN

Shake Creek

Creek

Creek

Creek

Dole Creek

Bunn Brook

L-10+00N.
L-9+00N.
L-8+00N.
L-7+00N.
L-6+00N.
L-5+00N.
L-4+00N.
L-3+00N.
L-2+00N.
L-1+00N.
L-0+00N.
5+00E.
B/L
5+00M.

104355/56 A.K.
104307/08
104303/04 D.D.
104301/02 D.D.
104097/98 A.K.
104425 G.M.
104351/52 A.K.
104099/100 A.K.
93133 G.M.
93204
93203
93206
93202
93201
5853
5940
104197/98
104093/94 A.K.
104195/96 A.K.
104193/94 D.D.
104089/90 A.K.
104191/92 D.D.
104091/92
104086/87/88 A.K.
104309/10 D.D.
104357/58 A.K.
104322/23 D.D.
104367/68 A.K
104311/15 D.D.
93131
93130
93129
93128
93172
93171
93127
93162
93161
93163
93160
93159
93158
93157
93156
93155
93154
93153
93151
93152
93050
5215
93104 G.M.
93106 G.M.
93109 G.M.
93107 G.M.
93108 G.M.
93017 A.K.
93016 A.K.
93021 A.K.
93022
93023
93024, 25
104359/60 A.K.
104312/13/14 D.D.
93110 G.M.
104350
93111 G.M.
93112 G.M.
93113 G.M.
93114 G.M.
93115 G.M.
93116 G.M.
104361/62 A.K.
104316/17 D.D.
93119 G.M.
93118 G.M.
93117 G.M.
5167
93018-20
93014
93015
93013
93012
93011
93010
93009
93007
104318/19 D.D.
104363/64 A.K.
104365/66 A.K.

LEGEND

- Water course.
- Lake.
- Road
- 3600 — Contour (interval 200')
- Claim outline.
- X — Rock sample.
- △ — Pan concentrate.
- □ — Silt sample.
- Magnetometer/VLF survey grid.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,523

GEOCHEMICAL RESULTS

ROCKS

SAMPLE Nº	Au(ppb)	Cu(ppm)
93009	5	43
93010	10	62
93011	5	13
93012	5	10
93015	5	69
93016	10	93
93017	5	245
93018	10	57
93019	5	41
93020	10	97
93021	105	122
93022	15	44
93023	10	54
93024	5	16
93025	10	17
93100	<5	74
93127	10	225
93128	15	820
93129	<5	167
93130	<5	128
93131	5	68
93132	<5	132
93133	<5	64
93171	5	367
93172	5	294
93201	<5	105
93202	<5	94
93203	<5	97
93204	<5	59
93205	<5	147
104314	320	23
93050	5	168
93104	5	176
93105	10	497
93106	5	234
93107	<5	118
93108	5	186
93109	<5	247
93110	<5	94
93111	5	14

SAMPLE Nº	Au(ppb)	Cu(ppm)
93112	<5	107
93113	<5	115
93114	<5	84
93115	5	61
93116	<5	71
93117	5	78
93118	5	59
93119	<5	80
93151	<5	136
93152	5	168
93153	<5	92
93154	5	654
93155	<5	121
93156	<5	999
93157	<5	154
93158	10	423
93159	10	652
93160	5	67
93161	<5	149
93162	<5	248
93163	<5	270
104425	10	50

SILTS

SAMPLE Nº	Au(ppb)	Cu(ppm)
104306	20	259
104308	15	77
104310	80	67
104313	15	113
104315	25	144
104317	15	74
104319	20	88
104321	5	124
104323	10	241
104352	<5	84
104354	5	72
104356	20	58
104358	20	97
104360	15	140
104364	15	66
104336	5	85
104368	20	220

HEAVY MINERALS

SAMPLE Nº	Au(ppb)	Cu(ppm)
93013	10	107
93014	<5	142
104305	30	129
104307	35	26
104309	60	143
104311	30	73
104312	25	68
104316	15	45
104318	10	46
104320	10	73
104322	30	146
104351	435	41
104353	20	29
104355	30	30
104357	25	59
104359	230	80
104361	15	82
104363	6 860	27
104365	55	62
104367	20	148

0 100 300 500 1000 Metres

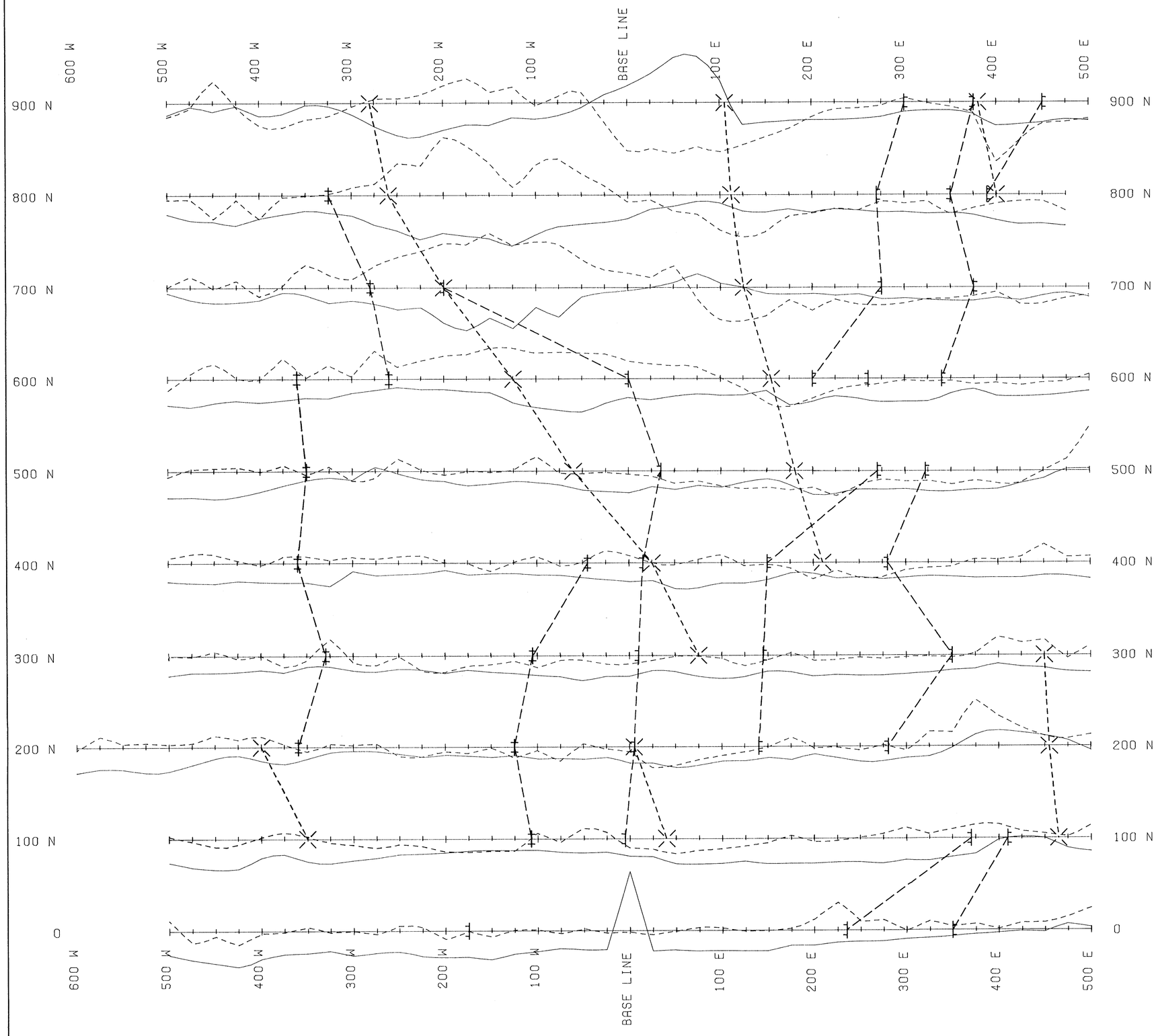
CANDELA RESOURCES LTD.

LATIMER LAKE PROJECT

Sample Location Map

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1:10,000	N.T.S.: 104G/13E	MAP No: 2
DWN. BY:	DATE: OCT. 1990	
CHKD. BY:	PROJECT No: 90BC014	



LEGEND

CONDUCTOR AXIS
- STRONG
- MEDIUM
- WEAK

CONDUCTIVITY CONTACT
(arrow shows direction of increasing conductivity)
- WELL DEFINED CONTACT
- POORLY DEFINED CONTACT

MAGNETIC ANOMALY SHOWING WIDTH

POSSIBLE CROSSTRUCTURES

SURVEY DIRECTION FACING EAST
PROFILES POSITIVE UP
DIP ANGLE - SOLID LINES
PROFILE SCALE: 10% /CM
BASE VALUE: 10%
QUADRATURE - DASHED LINES
PROFILE SCALE: 5% / CM
BASE VALUE: 0%
INSTRUMENTATION: EDA OMNI PLUS
VLF - EM SYSTEM
STATION: NAA. 24.0 KHZ (CUTLER)

SCALE : 1 : 2500

50 0 50 100 150

METRES

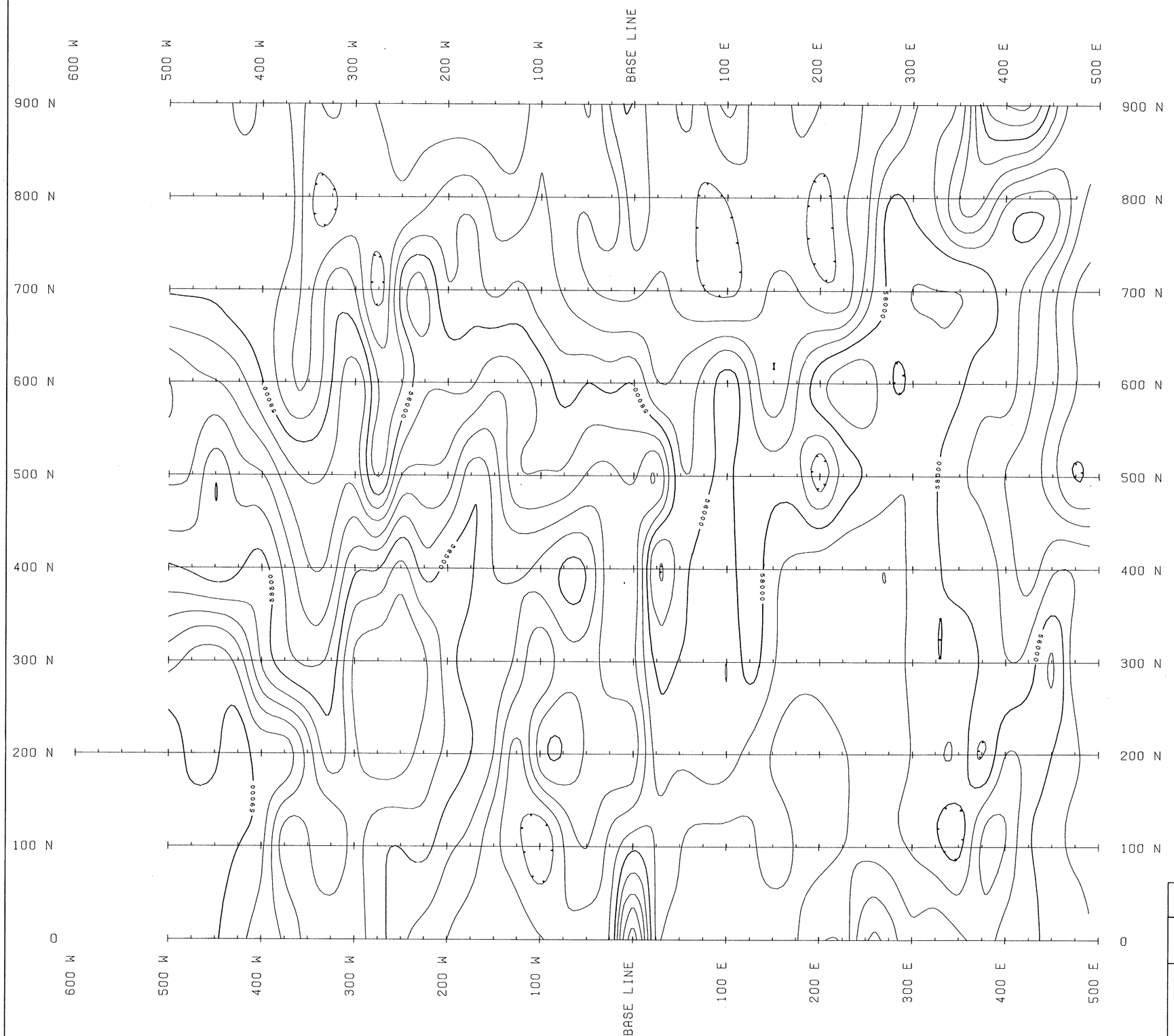
S J GEOPHYSICS LTD.

CANDELA RESOURCES LTD.

LATTIMER LAKE PROJECT

VLF - EM SURVEY
COMPILATION
DIP ANGLE & QUADRATURE

HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1:2500	N.T.S: 104 / G 13	MAP NO: 3
	DWN. BY:	DATE: SUMMER 1990	
	CHKD. BY:	PROJECT NO: 90BC014	



LEGEND

CONTOUR INTERVAL 100 NT
LABELLED INTERVAL 500 NT
INSTRUMENTATION :
FIELD UNIT: EDA OMNI PLUS
PROTON PRECESSION MAGNETOMETER
BASE STATION : EDA IV PROTON
PRECESSION MAGNETOMETER

SCALE : 1 : 2500

50 0 50 100 150

METRES

CANDELA RESOURCES LTD.

LATTIMER LAKE PROJECT

MAGNETOMETER SURVEY
TOTAL FIELD CONTOURS

HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1:2500	N.T.S: 104 / 0 13	MAP NO: 4
	DWN. BY:	DATE: SUMMER 1990	
	CHKD. BY:	PROJECT NO: 90BC014	

S J GEOPHYSICS LTD.