

85-618 -

14551

PROSPECTING REPORT

125° 57" / 45° 53"

HEB 1 AND HEB 4

93F / 13 W

PORT ALBERNI M.D.

OWNER: JAMES McDONALD

OPERATOR AND AUTHOR: JAMES McDONALD

5 JULY, 1985

FILMED

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**14,551**

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## INTRODUCTION

### **(i) Location**

The claims HEB 1 and HEB 4 are located 12 km east of Gold River on Highway 28 to Campbell River, then by logging road 5 km north on the west side of the Heber River.

### **(ii) History**

The property was first discovered by Silver Standard in 1970 by a geochem silt survey to look for copper. In 1976, the samples were re-run for Au and a 1.6 km quartz vein was found, a bornite pod assaying up to .35 Au, 10.85% Cu, and 1.25 Ag over 1 meter.

### **(iii) Property Definition**

The property is presently owned by J. McDonald. In 1984 all streams were silt sampled and assayed for Au by AA method at Acme Geochem. From June 26-28, 1985, John Kerr of Eureka Resources and myself conducted a prospecting and property examination. The higher elevations were covered 40% snow. The property is being explored for vein type gold.

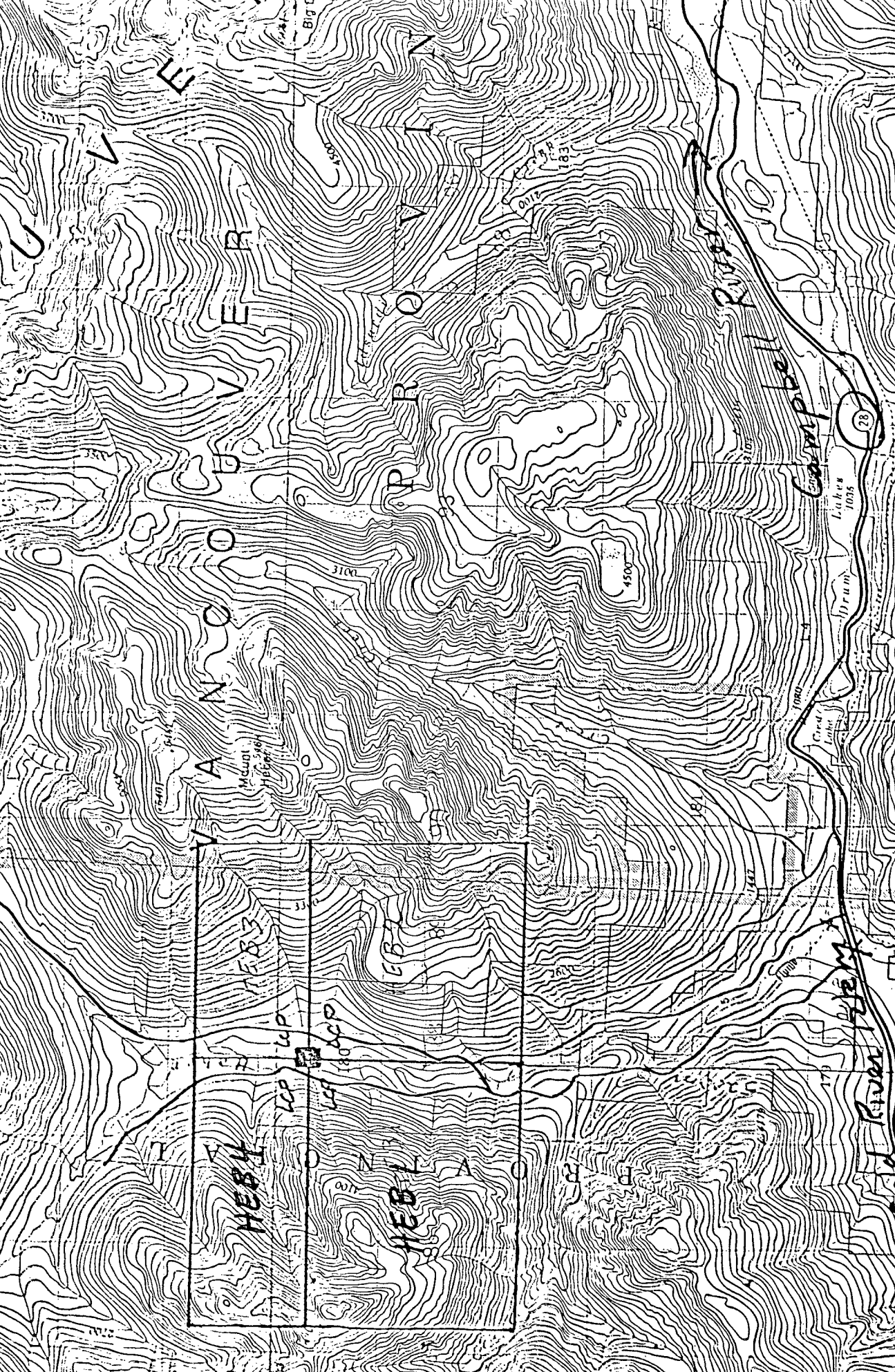
### **(iv) Summary**

From March 24-26, 1984, 8 silt and 4 rock samples were taken. All accessible logging roads were walked and prospected.

From June 26-28, 1984, John Kerr and James McDonald walked roads along the east side of the claims and June 28 we spent 6 hours looking for the previously recorded quartz vein. The top of the ridge at 3500 - 4500 ft. was 40% covered, mainly the low lying N 30° W depressions or lineaments.

Location Map  
C 92 F 13 W

W A W O O P R O V I N C E



Gold River  
Campbell River  
23

**(iv) Interpretation**

Chalcopyrite float was found in several creeks draining the HEB I and HEB 4. The granite contact at the lower elevations was prospected. No mineralization in place was found. The higher elevations were snow covered in the most favourable locations. The silt geochem and previous reports by Al Potter suggest continued prospecting.

**(vi) Qualifications**

I, James G. McDonald, have been a prospector since 1972. I completed a prospecting course in 1972 and have received the B.C. grubstake for 4 years.

*James G. McDonald*  
*5 Jul 85*









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ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE 253-3158 TELEX 04-53124

GEOCHEMICAL ICP ANALYSIS

A .500 GRAM OF SAMPLE DIGESTED WITH 3ML OF 3-1-3 OF HCL-HNO3-H2O AT 95 DEG. OF WATER BATH FOR ONE HOUR.  
 DILUTED TO 10 ML WITH WATER. PARTIAL LEACHED FOR MN, FE, CA, P, CR, MG, BA, TI, T, AL, NA, K, W, SI, ZR, CE, SN, Y, NB AND TA  
 AU DETECTION LIMIT 3 PPM SAMPLE TYPE: SOIL & ROCK AUM BY 10 GRAM SAMPLE AA

DATE RECEIVED: MAR 26 1984 DATE REPORT MAILED: *Mar 31/84* ASSAYER: *Dean Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

J MCDONALD FILE # 84-0431

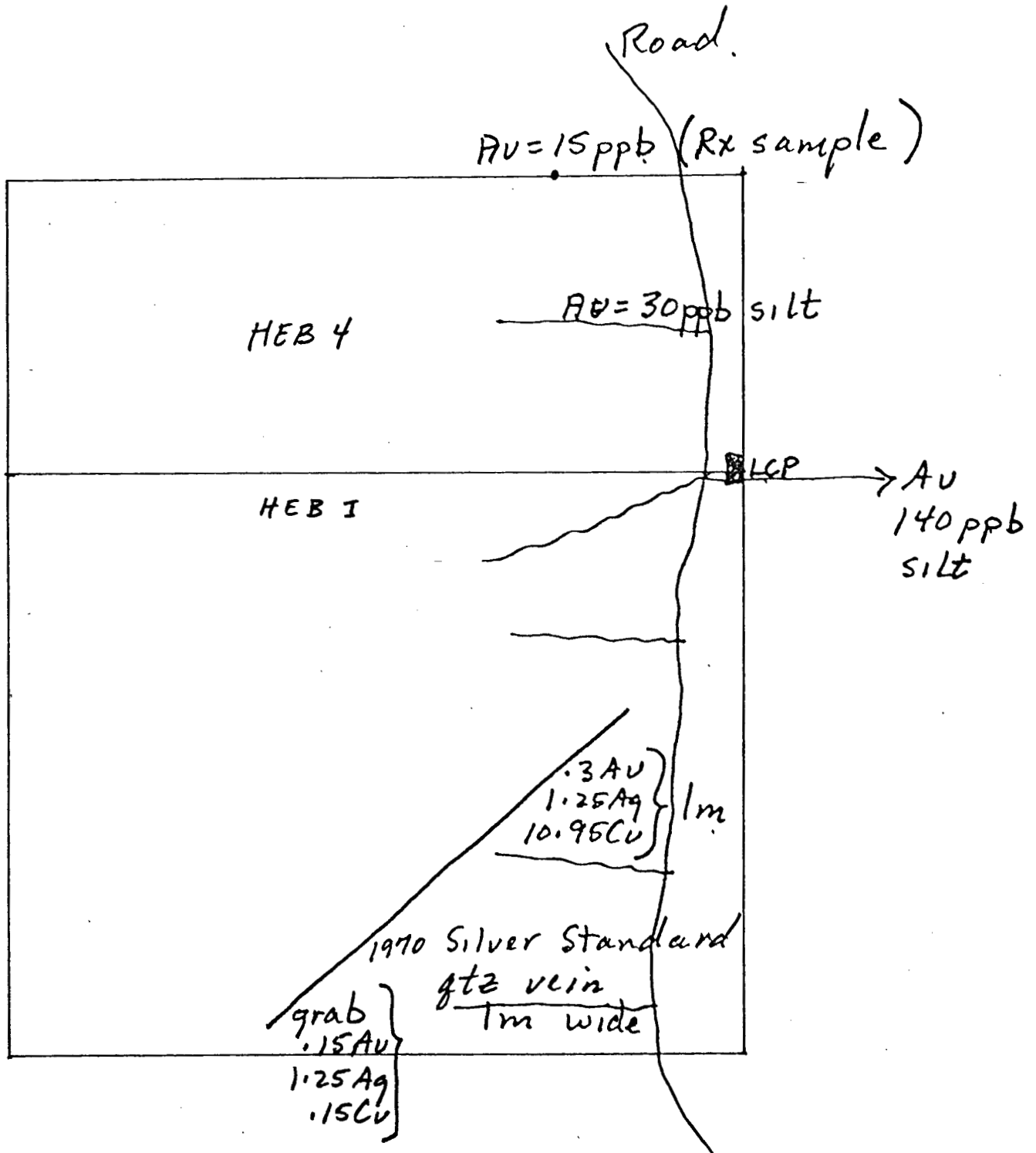
PAGE 1

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AUT
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
HEB1-1.68	1	195	4	62	.1	38	39	959	4.35	13	2	ND	2	40	1	2	2	136	1.18	.06	3	60	1.16	28	.27	4	3.11	.04	.03	2	<u>140</u>
HEB2-S1	2	100	4	43	.1	21	7	456	3.33	15	2	ND	2	31	1	2	2	117	1.26	.06	4	37	.53	29	.22	4	3.50	.03	.03	2	5
HEB3-S1	1	97	3	29	.1	21	2	261	11.34	27	2	ND	2	11	2	2	2	335	.40	.11	2	113	.32	9	.64	2	5.41	.01	.01	2	5
HEB4-S1	1	147	4	45	.3	25	11	513	4.58	22	2	ND	2	45	1	2	2	152	1.28	.06	4	46	.94	27	.25	9	2.85	.05	.04	2	<u>30</u>
HEB4-S2	1	139	3	44	.1	23	12	550	4.31	14	2	ND	2	49	1	2	2	141	1.37	.06	4	42	.89	30	.22	12	2.96	.04	.04	2	15
HEB4-S3	1	86	9	33	.1	12	7	829	2.19	7	2	ND	2	37	1	2	2	76	.83	.07	6	27	.33	68	.11	4	2.13	.03	.04	2	5
R6-225W	4	99	7	53	.1	31	11	491	3.60	15	2	ND	2	42	1	2	2	124	1.20	.06	3	48	1.21	28	.29	3	3.00	.03	.03	7	5
LCP-25M	1	101	4	28	.2	19	7	259	4.51	8	2	ND	2	28	1	2	2	170	.91	.06	4	45	.50	16	.18	3	1.76	.07	.02	2	10
HEB1-75M ROCK	1	414	2	25	.2	28	7	274	2.67	7	2	ND	2	19	1	2	2	99	1.05	.05	2	57	.82	8	.15	2	1.35	.25	.04	7	5
HEB4-ZN IN ROCK	1	686	3	39	.2	35	1	338	3.92	22	2	ND	2	26	1	3	2	131	1.43	.06	2	37	.97	11	.43	2	1.04	.17	.06	2	<u>15</u>
R6-150M ROCK	1	200	2	74	.1	53	13	574	4.76	15	2	ND	2	20	1	2	2	135	2.28	.05	2	117	2.54	9	.24	2	2.72	.04	.02	2	5
SB ROCK	1	21	18	139	.2	207	27	1982	7.72	2	2	ND	2	6	2	2	2	192	.44	.12	3	318	4.36	21	.04	2	4.84	.03	.03	7	5
! ROCK	1	252	3	16	.6	20	7	228	1.61	14	9	ND	2	67	1	2	2	67	3.77	.02	2	47	.56	4	.22	7	2.89	.06	.03	2	<u>95</u>
STR A-1/MU-9.5	1	30	39	182	.3	36	11	983	2.76	19	2	ND	2	37	1	2	2	57	.59	.10	6	75	.67	275	.08	7	2.03	.03	.29	2	<u>300</u>

Mar 24-26

Silt Samples  
Mar 24-26 1984

1:20000



John Kerr

26 - 28 June, 1984

Property Exam

Heber River Property  
Jim McDonald  
Al Potter  
Longreach Resources

4 claims - HEB 1-4, 46 units

HEB 4: Tag 94004  
J. McDonald  
177675  
22nd Mar/84 - 4:30 pm  
24th Mar/84 - 5:00 pm  
5W 2N

HEB 1: 22nd Mar/84 - 4:30 pm  
24th Mar/84 - 5:00 pm  
4S 5W

HEB 2: 94002  
2S 4E

HEB 3: 94002  
2N 4E

On Knoll @ 4100 elev.

Dark green massive dense porphyritic basalt.

Alteration zones present, possibly striking 030° trend. Major fractures of this trend dip west 80°E.

H-01: Blebs of chalcopyrite in highly epidotized vales. Chip sample 5 m.

H-02: V. highly epidotized zone, with blebs of quartz and carb. - some minor mol. stain.

H-03: 30 m west of H-02. Massive barren porphyritic basalt between H-02 and H-03. H-03 shows intense alt. with blebs and \_\_\_\_\_ pyrite and chalcopyrite. Chip sample / Zn.

H-04: 050° structure with high carb. epidote. Trace sulphide (chpy and pyr). Chip sample / Zn.

Draw lines up with major lineament - 1 km to north - strike 025°. Dip of fractures vert. -75°W.

H-05 & H-06: Two soils in 5m apart on top of structure at south end of draw to test if any Cu, Au or Ag in system.

H-07: Traces of chalcopirite on basalt. Very little chlorite and epidote. Chip / 3m - 200 m west of H-06.

H-08: Three or four float of quart vein material, very vuggy with abundant epidote and chlorite. Malachite and chalcopirite in clots, blebs and sparsed on fractures. Quartz not found in place, however downward fractures strike - 025°, dip west. One piece of float indicates vein width 0.2m (8") min.

H-09: Quartz vein not found. 40m north of H-08. Veining small blebs sweats quartz in highly epidotized and calcite zone. Some \_\_\_\_\_ and cpy?. Chip / 1.5m.

93 F / 13 W

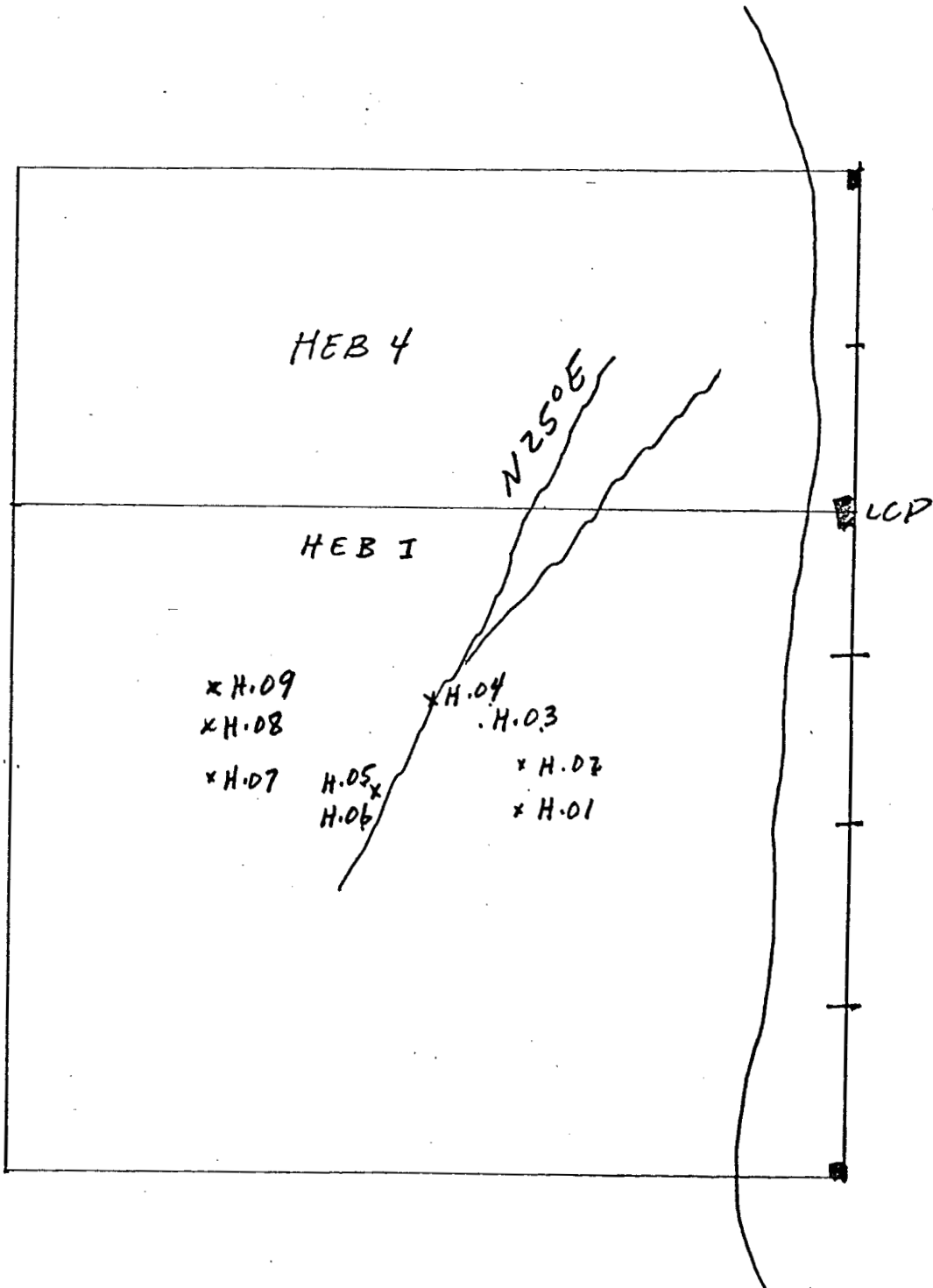
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26 - 28 Jun 84

John Kerr  
property exam

1:20,000



DB  
ATE  
CME ANALYTICAL LABORATORIES LTD.  
52 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: JUNE 29 1984

DATE REPORT MAILED: *July 4/84*

**GEOCHEMICAL ICP ANALYSIS**

.500 GRAM SAMPLE IS DIESTED WITH 3ML 3-1-3 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.  
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.  
- SAMPLE TYPE: P1-ROCK P2-SOIL AU\* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER

KERR DAWSON FILE # 84-1352

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SAMPLE#	CU PPM	AG PPM	AU* PPB
H1	191	.2	15
H2	59	1.3	5
H3	1072	.5	10
H4	49	.3	5
H7	260	.3	10
H8	114	.1	30
H9	848	.2	15
STD A-1	30	.3	-

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KERR DAWSON FILE # 84-1352

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SAMPLE#	CU PPM	AG PPM	AU* PPB
H5	33	.2	5
H6	21	.1	40

ITEMIZED COST STATEMENT

March 24 - 26

Hotel - Gold River - 2 x 54.35	\$ 108.70
Truck x 4 days x \$60 per day	240.00
Wages - Pat Crook x 4 x 125 per day	500.00
J. McDonald x 4 x 150 equivalent	600.00
J. Watkins x 1 day (Geologist)	200.00
1 - 4 x 4 1 day	75.00
Gas	80.00
Food - 30.00 x 9 man days	270.00
Ferry x 22.00 x 2	44.00
Misc. phone, supplies office overhead	200.00

June 26 - 28

2 men x 3 days x 150.00 per day (J. Kerr, J. McDonald)	900.00
Helicopter (V.I.H.) - 1 hr.	518.00
Hotels (2 rooms x 3 nights)	270.00
Food x 3 days x 2 x 30.00/day	180.00
Gas, ferry, misc.	120.00
Misc. overhead, phone, etc.	80.00
	<u>\$ 4,385.70</u>

*James McDonald*  
*5 Jul 85*