

178-#198 # 6901

SUPPLEMENTARY
GEOCHEMICAL SURVEY
of
SANDY CLAIM NO 1
EAST KOOTENAY AREA, B.C.

by
Harry Davies.
H I Davies (P Geologist)

July 1978

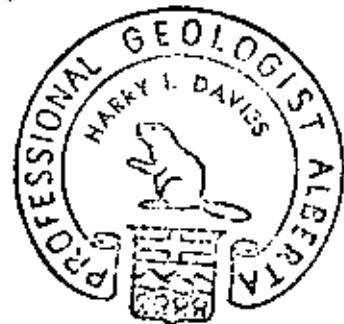
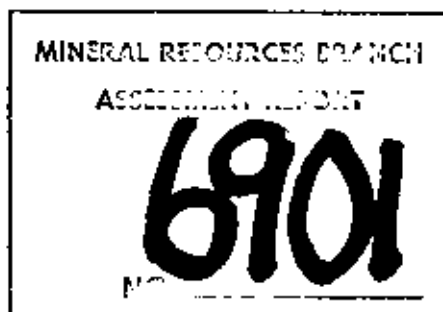


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GENERAL INFORMATION:

Subject: Geochemical investigation for lead and zinc.

Area: Sandy claim #1.

Location: NTS 82 F 10E

Lat & Long: Lat 49 degrees 32 min, Long 116 degrees 40 mins.

Claim Owner: Mr Dave Wiklund.

Operator: Mr Dave Wiklund

Consultant Mr H I Davies

Report: Mr H I Davies

Date Submitted: July 10 1978.

INTRODUCTION

The writer Mr Harry Davies of Cranbrook, B.C. was hired by Mr Dave Wiklund of Boswell B.C. to carry out a geochemical survey over a portion of his Sandy claim, located on La France Creek in the East Kootenay area of B.C.

This survey is an extension of work previously carried out in Oct 1975, at which time a small geochemical anomaly was discovered. There was also an indication that another anomaly may exist at the north-east corner of the area surveyed.. This additional survey was conducted to determine that prospect. The survey lines were extended to the edge of the property line, which in this case minimized the area investigated..

The location of sample points and the collection of samples was carried out during the middle part of June 1978. The Geochemical analysis was done by Loring Labs of Calgary, Alberta.

One of the purposes of this work is to earn work credits as outlined in the Mineral Act regulations of B.C.

Location

The Sandy Claim No.1 (Record No 15611) is located between the main branch of La France creek and the south fork, it is a part of a larger area which includes the Dave No 1 to Dave No 5 claims, which are contiguous.

Access to the claims is by way of a logging road up La France Creek a distance of about 8 miles.

Topography

The Sandy #1 claim is located between the La France main channel and the south fork of the same creek.. The elevation varies between 1480 meters and 1540 meters. The slope is moderate towards the South Fork to the East and the Main Branch to the north. There were no flat areas in the sample grid. Very little surface run off was evident.

The area has been logged during the past few years. Care was taken to obtain samples in undisturbed areas. The overburden was not determined as no outcrops were visible in the area. As the area is close to being in the valley floor, it is reasonable to assume that the overburden is at least in the ten of meters range.

Sampling Procedures

Sample stations were located by using a brunton compass and a chain. Each station was flagged with the location recorded on each flag. Sample stations in most cases were 15 meters apart and each line was 60 meters apart. In some cases the distances of the sample stations were adjusted to avoid sampling in unfavorable areas.

All samples, where possible, were collected from the "B" horizon which exhibited a red ferruginous colour. The sample holes were dug to a depth of from $1/3$ to $3/4$ meters. The samples were bagged in cloth bags and hung to dry. They were subsequently taken to Loring Laboratories in Calgary for analysis.

The elevation of each sample station was recorded by altimeter and a contoured topography map was constructed of the surveyed area.

Laboratory Procedures

The samples were first dried at 105 degrees for 12 hours. They were then sieved through a 80 mesh screen with the minus 80 fraction retained for analysis. A one half gram sample was put into a test tube along with 1 ml water, 3 ml conc HCL and 1 ml HNO_3 . The sample was digested in a water bath at 100 degrees C with an occasional shaking to ensure complete digestion. Water was then added to bring the sample volume up to 10 ml, shaken and allowed to settle. The sample then was run through an atomic absorption apparatus with the appropriate standards

Assay Results

Refer to the attached data sheet.

Analysis were requested on the lead (Pb) and zinc (Zn) contents of the soil samples.

A map was constructed indicating each line and sample location as surveyed. Each sample location was affixed the appropriate value for lead and zinc. The results were then contoured to illustrate the assay results.

For the lead (Pb) map a background value to 100 ppm was selected. This conforms with the background value previously used in this area..

A lead (Pb) geochemical anomaly appears to be centered around SAE 2 and SAE 3 and extends up slope to SBE 2 and down slope to SBN 9.

A 300 PPM background was taken for the Zinc results. The higher value probably reflects the relative solubility of the two sulphides .

The zinc anomaly closely resembles the lead anomaly and suggests there is little dispersion.

Interpretation

Any interpretation put on the geochemical anomalies is speculative as there are no outcrops in the vicinity. The Dutch Creek formation underlies the area and the survey itself is on trend with a known brecciated dolomite which outcrops about 3/4 of a mile south.

Mineralized float of a bedded variety and also vein material are found along the road in the area of SAE 1 and SBE 1.

The size and configuration of the anomaly suggests that they are expressions of mineralized veins.

Recommendations

It is assumed that the anomalies reflect underlying mineralization. This could be checked by doing a few soil profiles at the better locations.

Also if bedrock is found accessible, rock samples should be obtained.

To: H. DAVIES CONSULTANTS LTD.,
 820 - 14th St. S.,
 Cranbrook, B.C.



File No. 15328
 Date June 23, 1978
 Samples Soil Geochems

ATTN: Mr. Harry Davies

Certificate of
 ASSAY of
 LORING LABORATORIES LTD.

SAMPLE No.	PPM Pb	PPM Zn
<u>"Soil Geochems"</u>		
SAE-1	330	870
2	1320	1550
3	1800	2700
SBE-1	150	760
2	700	1080
3	18	80
4	48	280
SCE-1	30	198
2	37	117
3	25	127
4	23	148
SDE-1	17	75
2	34	180
3	26	240
4	39	84
SEE-1	24	138
2	21	80
3	22	132
4	13	77
SBN-1	130	1400
2	180	490
3	140	850
4	17	130
5	18	105
6	31	250
7	110	360
8	290	740
9	1200	1770
10	500	1480

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.

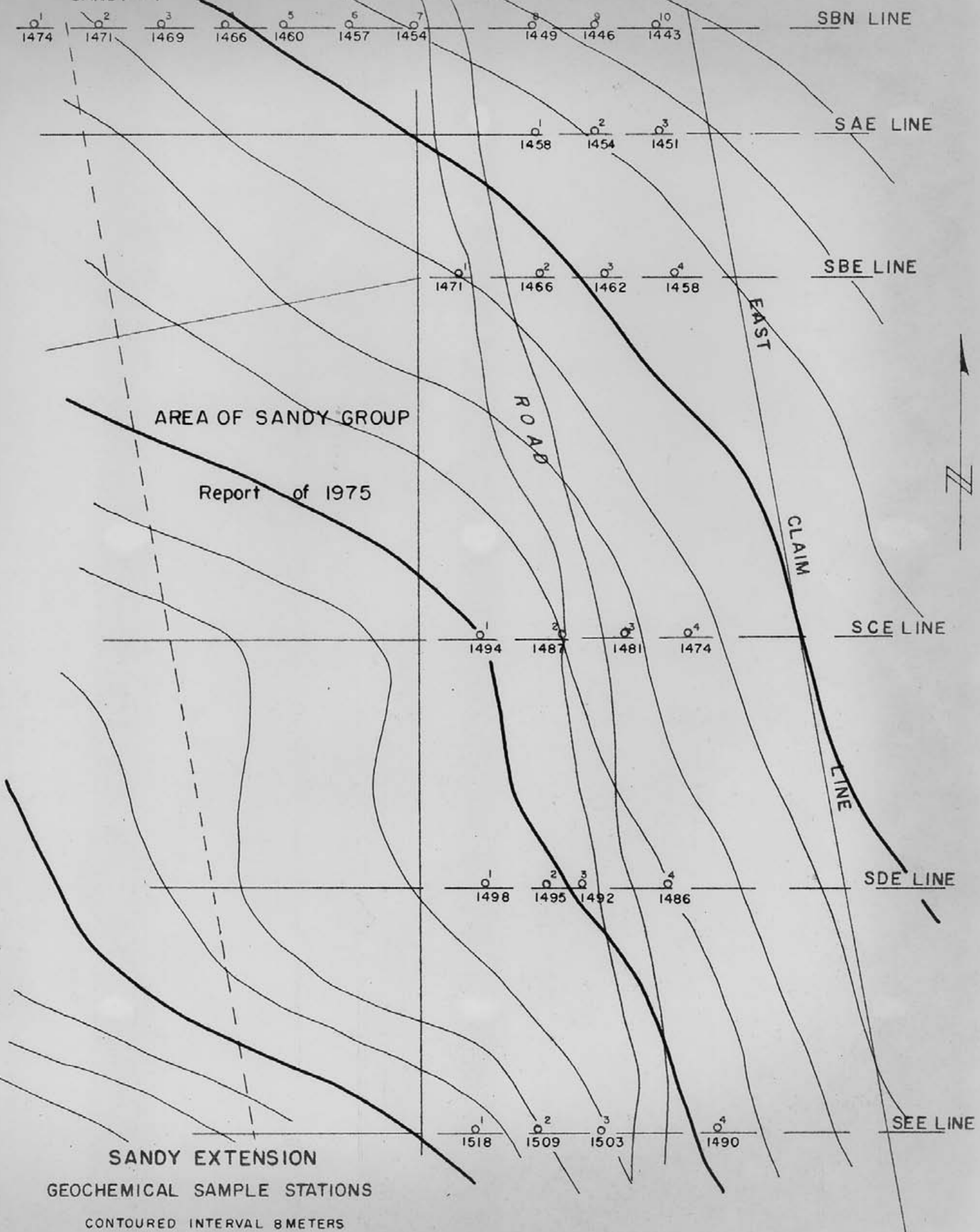
Pulps Retained one month
 unless specific arrangements
 made in advance.

Edmond J. Goad

Licensed Assayer of British Columbia

FINAL POST SANDY # 1

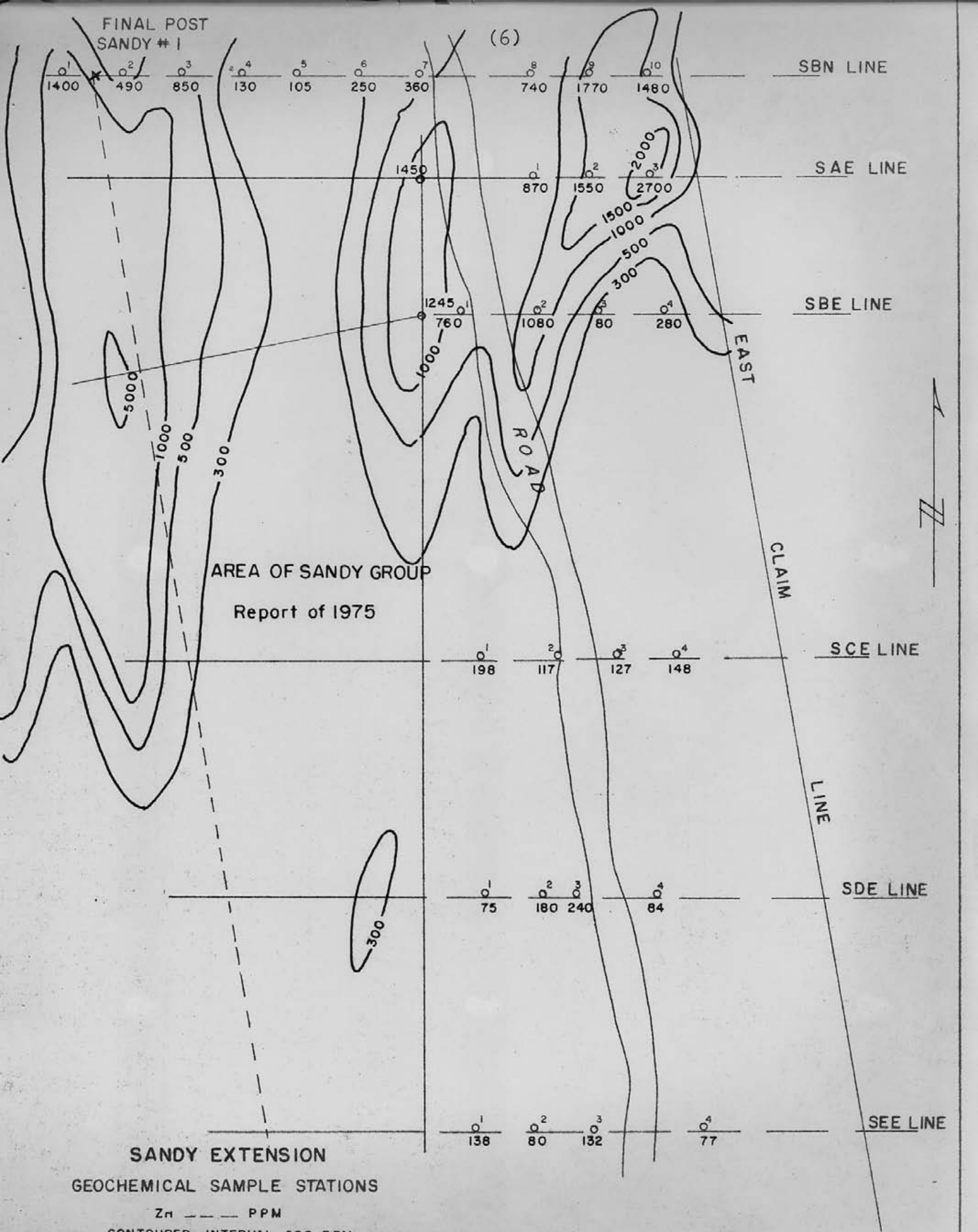
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SANDY EXTENSION
GEOCHEMICAL SAMPLE STATIONS
 CONTOURED INTERVAL 8 METERS

FINAL POST
SANDY # 1

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AREA OF SANDY GROUP

Report of 1975

SANDY EXTENSION

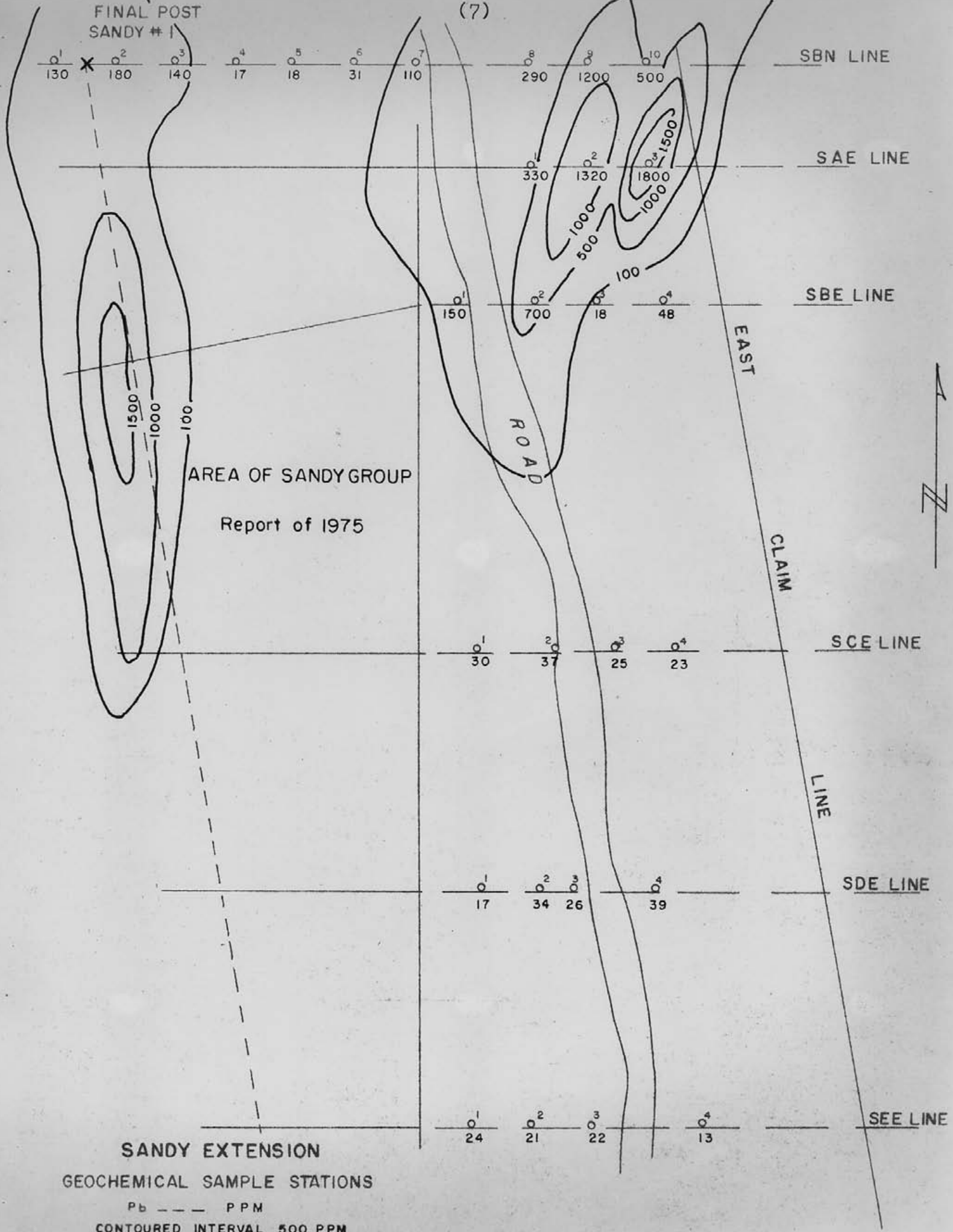
GEOCHEMICAL SAMPLE STATIONS

Zn — PPM

CONTOURED INTERVAL 500 PPM

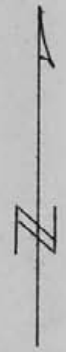
FINAL POST SANDY #1

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AREA OF SANDY GROUP
Report of 1975

EAST CLAIM LINE



SANDY EXTENSION

GEOCHEMICAL SAMPLE STATIONS

Pb --- PPM

CONTOURED INTERVAL 500 PPM

178-# 198-#

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820-14 Str S Cranbrook, B.C.

Mr D Wiklund
Boxx 81
Boswell, B.C.

Dear Mr Wiklund;

Re: Geochemical Survey; Sandy #1.

Surveying locations, collecting samples etc.	
1 day @ \$250.00 -----	\$250.00
Preparing report and maps 1.5 days -----	\$375.00
Disbursements:	
assaying, drafting typing, car milage etc ----	\$100.00
	Total ----\$725.00

respectively submitted



harry I Davies P geol

(9)

STATEMENT OF QUALIFICATION

Name: Harry I Davies

Graduate: University of Manitoba 1950 BSc(H) (Geology & Chemistry)

Employment: Three summer seasons: Manitoba Department of Mines
Geological field work, in Pre-Cambrian.

10 years Mobil Oil Canada Ltd.. 2 years field work
including structural mapping, and plane table surveys.

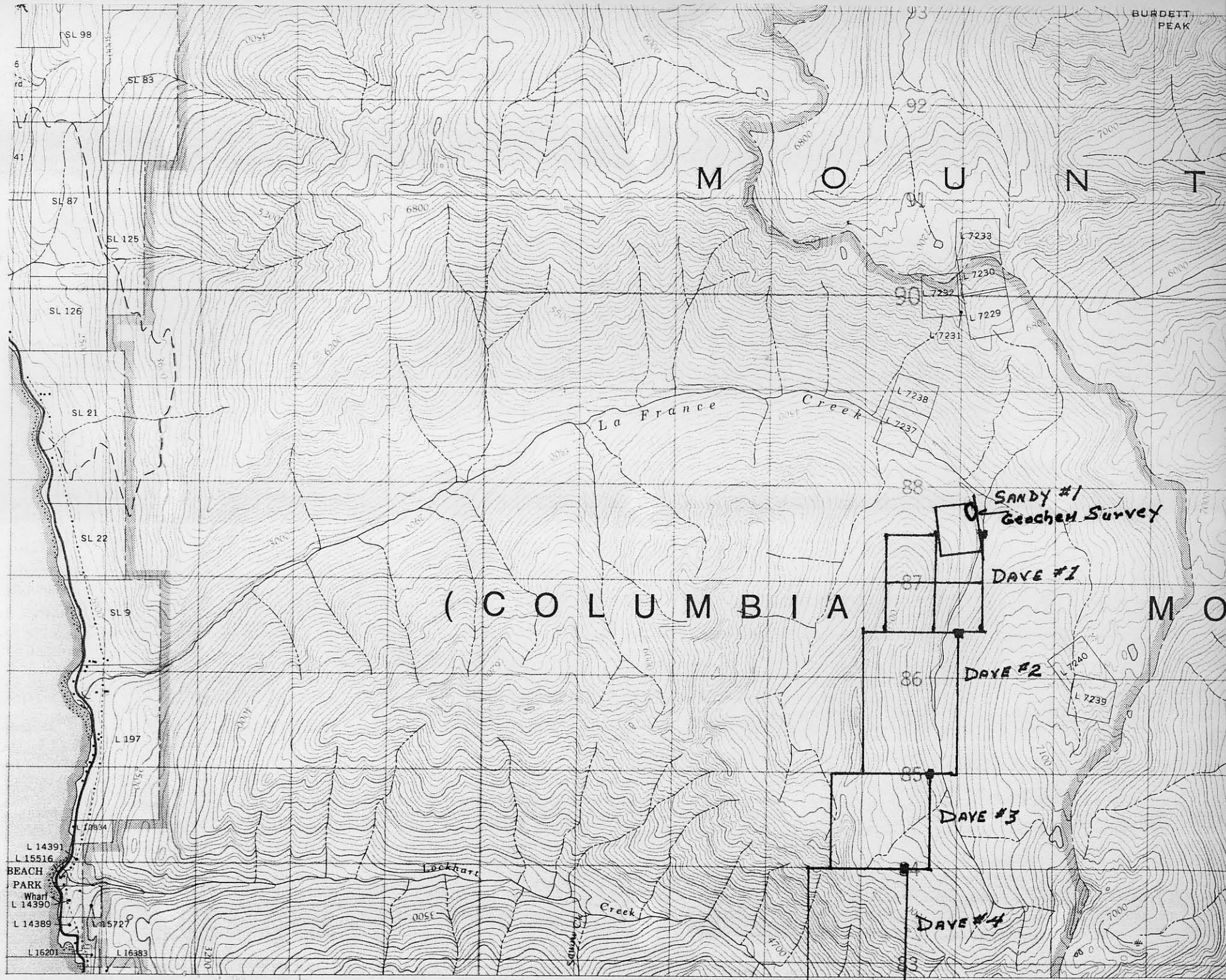
17 years consulting practice: 20% mineral investigation
in Manitoba and B.C. 80% soft rock evaluations and
drilling supervision.

Residence: 820-14 St S, Cranbrook, B.C.

Signed

Harry Davies

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5 16 17 45' 19 20 21 22 23 24 40' 25 26 27