

1010

ANGLO UNITED DEV. CORP. LTD.
REPORT COVERING
1966 FIELD OPERATIONS ON MOBILE
CLAIM GROUP, STEWART AREA, B.C.
MAINLY GEOCHEMICAL SURVEYING.
55°129'NW 103P13W
By: GORDON W. MOORE,
Cons. Mining Engr.
Apr. 4/67.

(Covering Period from June 14th to August 1st, 1966)

Mobile Claim Group Nos. 1 - 10 or Record Nos. 23128 - 23137 inclusive.

Location of Property: Stewart Area, Lat. 56° N. Long. 129°50'W.

Present Holder of Property: Harvey Kendrick

1966 work was done for Anglo United Development Corporation Limited who have the property under option from Kendrick.

By: GORDON W. MOORE, B.Sc., P. Eng.,
Consulting Mining Engineer.

Toronto, Ontario.
4th April, 1967.

I N D E X O F C O N T E N T S

	<u>Page Nos.</u>
Foreword 	1
Property 	1
Previous Work 	1 & 2
The 1966 Work 	3 & 4
Conclusion 	4 & 5

Geochemical Survey Map in envelope on back of Report.

1 G E O C H E M I C A L P L A N

2 L O C A T I O N M A P

-----o0o-----

ANGLO UNITED DEVELOPMENT CORPORATION LIMITED.

REPORT COVERING

1966 FIELD OPERATIONS ON THE MOBILE CLAIM GROUP, STEWART, B.C.
(Covering period from June 14th to August 1st, 1966).

F O R E W O R D:

The work planned for the 1966 season was detailed geochemical surveying (soil sampling) over as much of the Mobile claim group as could be efficiently covered. The remainder of the area covered by the claims consisted of a very steep precipitous gorge some 2,000 - 2,500 feet deep on the eastern part of the property.

P R O P E R T Y:

The Mobile claim group consists of ten unpatented mining claims, namely, Nos. 23128 to 23137 inclusive. These claims are located in the Skeena Mining Division in the Stewart and Portland Canal area of British Columbia, some 550 miles north of Vancouver.

P R E V I O U S W O R K:

Some surface exploration work was carried out many years ago on this property which included the driving of a number of adits on veins mineralized with galena and sphalerite carrying, in places, very high amounts of silver in the hundreds of ounces. The property was inactive in recent years until late 1964 when

Gum

an examination of a small part of the property including three adits, was made by the writer.

The writer, as a result of his examination, recommended that a limited amount of prospecting, cleaning out and mapping of the adits and a geochemical survey of the immediate adit area be carried out. Part of the work recommended by the writer was carried out over a two-month period in 1965, by a two-man crew, under the supervision of the consulting firm of Hill and Associates of Vancouver.

The examination of the adits showed little of real interest except for a small narrow lense of high grade lead-zinc-silver ore in one of the adits which was partially mined out in former years.

However, a detailed soil sampling survey over an area roughly 1,200' by 1,000' showed a strong lead-zinc anomaly to be present over an area 400' x 300', which was some 700' west of the main adit workings. In this survey soil samples were taken at 50 foot interval on picket lines 100 feet apart. All samples were assayed by the hot extraction method.

This work was reported as assessment work for 1965 by Hill and Associates. A tape and Brunton Compass topographical survey was also made of this area in 1965 by Hill and Associates, from which a contour map was prepared. (Refer to accompanying geochemical survey map).

Quinn

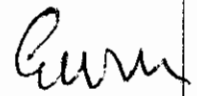
T H E 1966 W O R K:

Due to the encouragement felt as a result of the discovery of this strong lead-zinc geochemical anomaly during 1965, it was decided to expand the area covered by soil sampling in 1966, so as to cover as much as possible of this ten-claim group in hopes of finding other interesting anomalies.

Accordingly, work was organized and a three-man party, under the writer's direction, was sent to the claims on June 14th. The late start was due to a very backward Spring. This work was supervised in the field first, by Denis Watson, an experienced young prospector who was highly recommended to the writer by Phelps Dodge exploration engineers. Watson was only available for one month and the crew was then headed by David Tyson, who had worked for the writer a number of summers previously, and was considered by Watson as being capable of handling the job.

As can be seen by referring to the accompanying geochemical survey map, a large portion of the area covered by the claim group was inaccessible due to the presence of a wide and deep precipitous gorge some 2,000 to 2,500 feet deep. However, it was possible to cover, by soil sampling, an area roughly 2,000 by 4,000 feet. Samples were taken at 100 foot interval along picket lines 200 feet apart. This sampled area lies along the north slope of a mountainside with the north end of the sampled area being about 1,000 feet lower than the south end.

Assaying by hot extraction method was done by Technical



Services Laboratory Ltd., Vancouver.

In addition to this reconnaissance soil sampling, the strongly anomalous area found in the 1965 work was re-checked by detailed soil sampling with samples being taken at 50 foot interval along picket lines 100 feet apart.

The results of this detailed sampling are shown on the accompanying map and they confirm the existence of the fairly strong lead-zinc anomaly found in 1965.

The other anomalies shown in the smaller detail area to the northeast were probably caused by contamination from the old adit workings.

Careful examination and some shallow trenching done on the main anomaly showed that broken rusty bedrock was in evidence in some of the more strongly anomalous areas that showed scattered low grade lead-zinc mineralization. It would, therefore, appear likely that such mineralization may be the source of the anomalous condition. Also, there has probably been some downhill movement of the lead-zinc values showing in the soil.

C O N C L U S I O N :

The fact that no other strong anomalies were found as a result of this additional work was discouraging, and it was decided that there was not sufficient evidence of the possible occurrence of high grade lead-zinc-silver veins similar to the one seen in one of the adits, to warrant further probing by diamond drilling at this time.

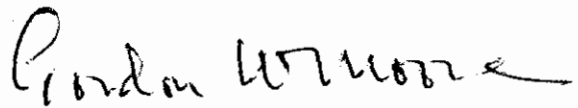
A handwritten signature in dark ink, appearing to be 'Gurn', is located in the bottom right corner of the page.

A small amount of time was spent on further general prospecting and trenching of the claim group area, and some further examination of the adits was done.

A young but experienced geologist, Glenn Clark, who was working as Chief Geologist for an associated company, Northgate Exploration Limited, was asked to check on the work while looking at other prospects in British Columbia. Mr. Clark spent three days in late July on the property with Tyson, and his observations are also embodied in this report.

The planned 1966 work was completed by August 1st, and the crew taken off the property and the camp equipment stored in Stewart, B.C.

Respectfully submitted,



GORDON W. MOORE, B.Sc., P. Eng.,
Consulting Mining Engineer.

Toronto, Ontario,
4th April, 1967.



S T A T E M E N T.

I, GORDON W. MOORE, am a graduate of Nova Scotia Technical College, Halifax, N.S., - B.Sc. in Mining Engineering in 1927.

I have practised the mining profession continuously since that time specializing in field exploration work, with the exception of the years 1941 to 1945 when I served as Armament Officer with the Royal Canadian Air Force.

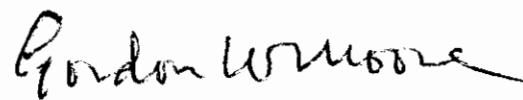
I have been a member of the Association of Professional Engineers of Ontario since 1947.

I have served as Consulting Mining Engineer for Northgate Exploration Limited since 1959 and, prior to that, for New Mylamaque Explorations Limited during 1953-54, and from 1957 to 1959.

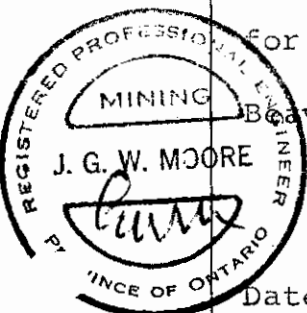
I have also acted as Consulting Mining Engineer for Anglo United Development Corporation since 1964.

Prior to that I was Chief Engineer for the Buchans Mining Company of Newfoundland from 1929 to 1937.

From 1937 on I worked as field exploration engineer for a number of companies in Northern Ontario, Ungava and the Beaverlodge Uranium Area of Northern Saskatchewan.


GORDON W. MOORE, B.Sc., P. Eng.,
Consulting Mining Engineer.

Dated at Toronto, Ontario,
this 4th day of April, 1967.





1010

RECEIVED
JUL 1967

ANGLO UNITED

Development Corporation
LIMITED

GOVERNMENT AGENT,
PRINCE RUPERT.

7 KING STREET EAST, TORONTO 1, CANADA - SUITE NO. 1905 - TELEPHONE 362-2781

June 27th, 1967

Mr. H. W. Harding,
Mining Recorder,
Court House,
PRINCE RUPERT, B.C.

attach copy of this letter to report

Dear Mr. Harding,

re: Your letter file #A-18

Your letter of June 21st asking for amendments and further information in connection with the Geochemical Report I submitted to you some time ago has been received and the following information is offered as requested.

1. You will see that on the front cover of the report I had shown the latitude and longitude of the property as 56° N and 129° 50' W.

2. A claim location map is now enclosed in the envelope at the back of the report showing roughly the area covered by the 1966 soil sampling.

3-1.

The soil samples were taken by auger at an average depth of 15 inches, varying in depth from a few inches to four feet.

3-2

I regret that I am not able to tell specifically the soil sampling horizons. The material varied considerably and changed in places from a sandy loam to decomposed bedrock. There was very little organic material.

3-3

The samples were packaged in Kraft brown paper soil sample bags.

.....2

3-4

The samples were dried and screened by Technical Service Laboratories, 325 Howe Street, Vancouver, B.C. in their standard routine manner.

3-5

The assays were made by Technical Service Laboratories in their Vancouver laboratory using hot nitric acid extraction with determinations being made by atomic absorption.

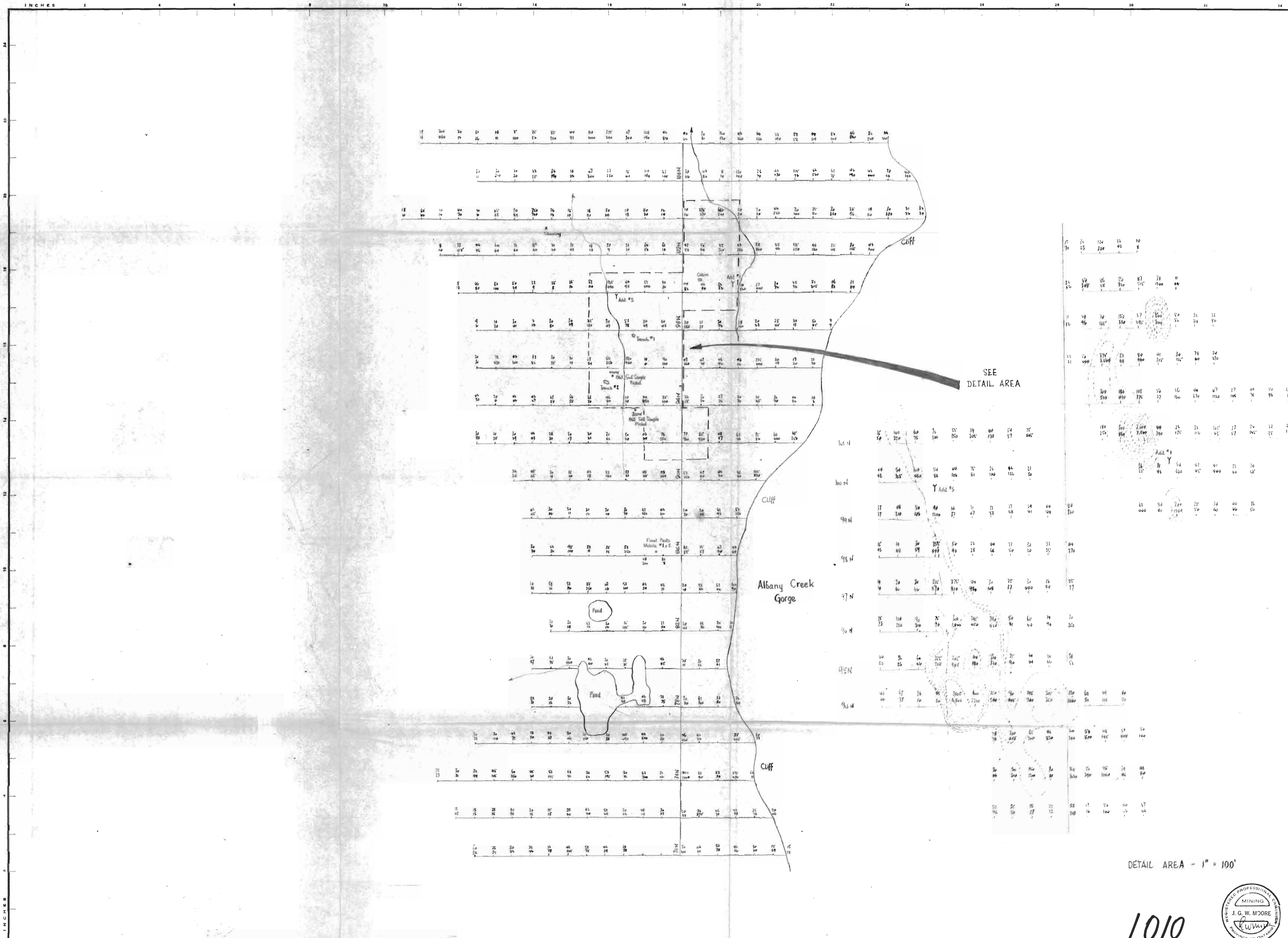
With reference to the last paragraph of your letter, on the cover page of my geochemical report dated April 4th, 1967 I have stated that the present holder of the property was Harvey Kendrick, and that the Mobile property was under option from him to Anglo United Development Corporation.

I trust that this information covers everything that you require. The geochemical reports are returned to you in duplicate herewith.

Yours very truly,
ANGLO UNITED DEVELOPMENT CORPORATION LIMITED

Gordon W. Moore
GORDON W. MOORE,
Consulting Mining Engineer.

GMM/pab
Encls.



SEE DETAIL AREA

70	26	120	33	10								
71	25	220	42	8								
72	140	25	87	28	11							
73	140	15	210	110	44							
74	70	70	150	57	50	30	22					
75	90	100	150	240	50	24	50					
76	50	270	20	80	41	30	78	20				
77	400	100	80	800	210	100	40	30				
78	100	100	100	50	50	40	47	27	40	50	100	
79	150	100	700	40	20	30	100	37	20	22	27	10
80	150	100	700	40	20	30	100	37	20	22	27	10
81	150	100	700	40	20	30	100	37	20	22	27	10
82	150	100	700	40	20	30	100	37	20	22	27	10
83	150	100	700	40	20	30	100	37	20	22	27	10
84	150	100	700	40	20	30	100	37	20	22	27	10
85	150	100	700	40	20	30	100	37	20	22	27	10
86	150	100	700	40	20	30	100	37	20	22	27	10
87	150	100	700	40	20	30	100	37	20	22	27	10
88	150	100	700	40	20	30	100	37	20	22	27	10
89	150	100	700	40	20	30	100	37	20	22	27	10
90	150	100	700	40	20	30	100	37	20	22	27	10
91	150	100	700	40	20	30	100	37	20	22	27	10
92	150	100	700	40	20	30	100	37	20	22	27	10
93	150	100	700	40	20	30	100	37	20	22	27	10
94	150	100	700	40	20	30	100	37	20	22	27	10
95	150	100	700	40	20	30	100	37	20	22	27	10
96	150	100	700	40	20	30	100	37	20	22	27	10
97	150	100	700	40	20	30	100	37	20	22	27	10
98	150	100	700	40	20	30	100	37	20	22	27	10
99	150	100	700	40	20	30	100	37	20	22	27	10
100	150	100	700	40	20	30	100	37	20	22	27	10
101	150	100	700	40	20	30	100	37	20	22	27	10
102	150	100	700	40	20	30	100	37	20	22	27	10
103	150	100	700	40	20	30	100	37	20	22	27	10
104	150	100	700	40	20	30	100	37	20	22	27	10
105	150	100	700	40	20	30	100	37	20	22	27	10
106	150	100	700	40	20	30	100	37	20	22	27	10
107	150	100	700	40	20	30	100	37	20	22	27	10
108	150	100	700	40	20	30	100	37	20	22	27	10
109	150	100	700	40	20	30	100	37	20	22	27	10
110	150	100	700	40	20	30	100	37	20	22	27	10
111	150	100	700	40	20	30	100	37	20	22	27	10
112	150	100	700	40	20	30	100	37	20	22	27	10
113	150	100	700	40	20	30	100	37	20	22	27	10
114	150	100	700	40	20	30	100	37	20	22	27	10
115	150	100	700	40	20	30	100	37	20	22	27	10
116	150	100	700	40	20	30	100	37	20	22	27	10
117	150	100	700	40	20	30	100	37	20	22	27	10
118	150	100	700	40	20	30	100	37	20	22	27	10
119	150	100	700	40	20	30	100	37	20	22	27	10
120	150	100	700	40	20	30	100	37	20	22	27	10

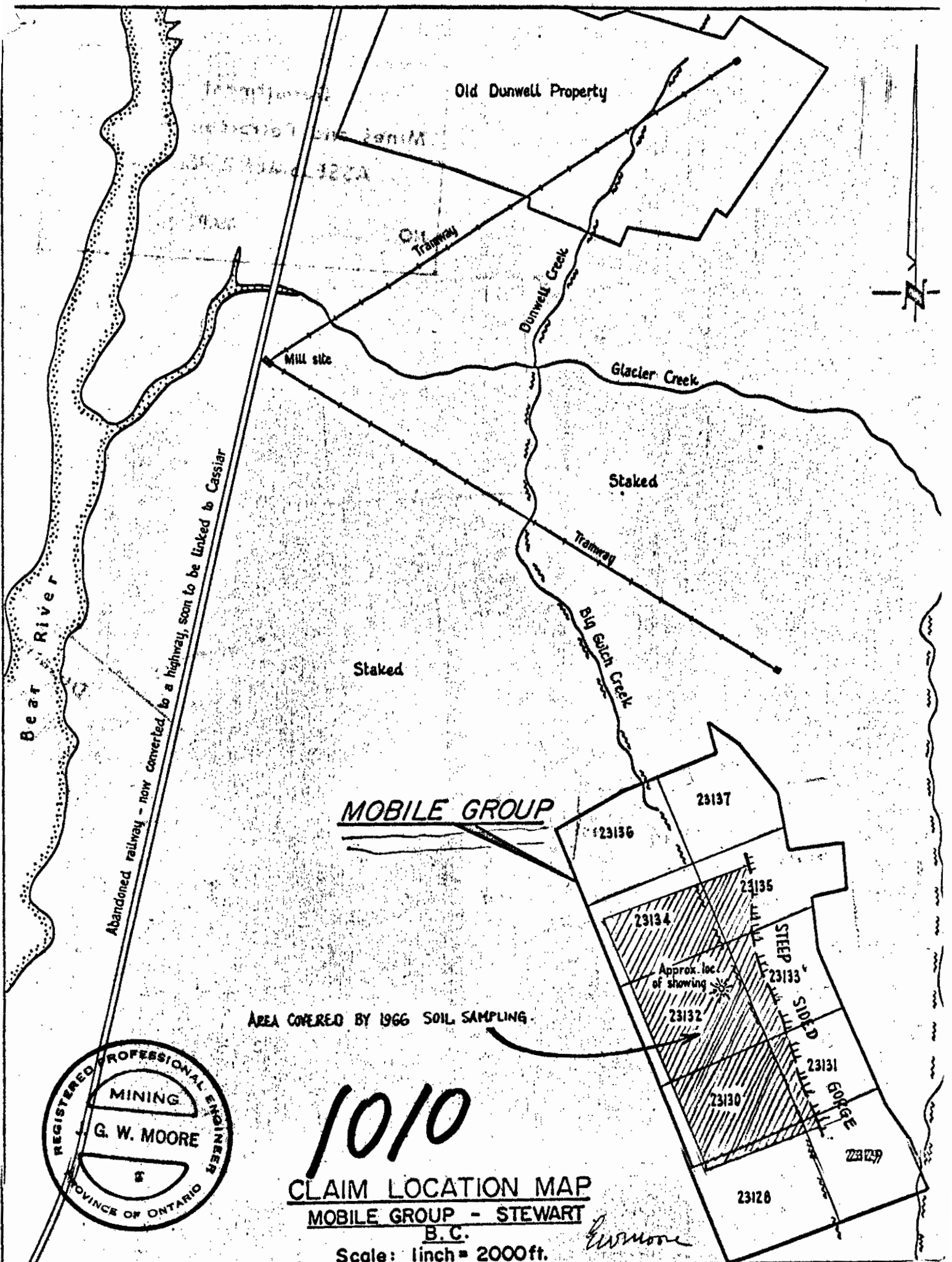
130 Pb in parts per million
 1080 Zn " " " "
 (Hot extraction method)

DETAIL AREA - 1" = 100'

1010



ANGLO UNITED DEVELOPMENT CORPORATION
 LIMITED
 MOBILE GROUP - STEWART - B.C.
 GEOCHEMICAL PLAN
 OF
 work performed in 1966
 DWG. NO. 103-P 10 4th April 1967



Old Dunwell Property

Oil
Tramway

Donnell Creek

Mill site

Glacier Creek

Staked

Tramway

Big Gulch Creek

Staked

MOBILE GROUP

23137

23136

23135

23134

Approx. loc.
of showing

23132

23133

23130

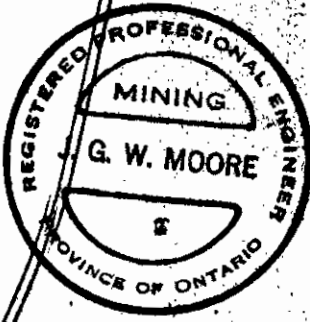
23131

23129

23128

Abandoned railway - now converted to a highway, soon to be linked to Cassiar

Bear River



AREA COVERED BY 1966 SOIL SAMPLING.

1010

CLAIM LOCATION MAP
MOBILE GROUP - STEWART
B. C.

Scale: 1 inch = 2000 ft.

G. W. Moore