

105 G/14 UU4944

A. CARLOS SHALE CLAIMS,

FINLAYSON LAKE AREA

MAY 19, 1978

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

MAY 23 1978

New file

Y-7

40

To D.A. Lowrie From W.M. Sirola

Subject Shale Claims Finlayson Lake Area Date May 19, 1978
Yukon Territory
105G - 14



In reviewing the results of the gravity survey done on the 41-48 mineral claims, I am enclosing the following:

1. Bouger gravity plan - scale: 1:3000.
2. Topographic plan - scale: 1:3000.
3. Composite gravity sections: scale: horizontal 1:3000
vertical 2.5 cm. = 0.5 mg.
4. Bouger gravity cross sections of lines 0 + 00
28W 32W and 40W scale: horizontal 1:3000
vertical 2.54 = 1 mg.
5. Magnetic cross section line 32W - scale: horizontal 1:3000
vertical 2.54 = 500 gammas

Approximately one week ago, we had been told by Al Carlos that they had a two mgal. Bouger gravity anomaly with a length of 4,000 ft. and a width of approximately 2,000 ft. Since this anomaly was in the immediate vicinity of the mineralized float found by Carlos, it became a matter of some urgency to obtain the data. Fortunately, Carlos had the Bouger map and was looking for help in interpretation.

A visit to the property revealed that the anomaly occurs on a 50 ft. high knoll with a steep embankment to a creek on the south side, and sloping towards a swamp on the north side. Examination of the float boulders indicated that the mineralized rock is an augen gneiss with an average grade of perhaps 10% combined lead zinc sitting on a chlorite phyllite schist sloping gently north-eastward. Unlike the Anvil deposits, pyrite is relatively scarce (2%).

The convex-upward shape of the gravity profiles, indicates in my view, nothing but the proximity of bedrock over the low knoll. The only line on which there could be a very small residual anomaly is line 40W and perhaps an even smaller one on line 0 + 00. This does not particularly surprise me because I think the overall sulfide content of any mineralized zone which might be found, would be too low to reflect itself as a high gravity response. Be that as it may, the mineralization in the float is most impressive, and other means of detecting this mineralization should be sought.

Gravity on line 40 looks interesting

KERR ADDISON MINES LIMITED

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To.....From.....

Subject.....Date.....

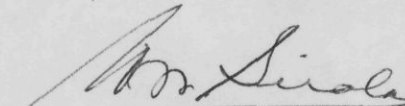
page 2

At Carlos did some geochemical work on the property but, on looking at some hand trenches, I found that the immediate overburden is a fluvial or lacustrine sand and there does not appear to be any mature soil.

Carlos and Harris are, I believe, in the process of drilling their first hole on what looks like a gravity anomaly on line 0 + 00 at Station 3S. I am not very optimistic over the outcome of this drill hole. I suggested to them that they trace the graphitic phyllite which crosses to the north-east of the float area and they have readily agreed to this concept. In this regard I very much appreciate your forwarding the Crone VLF set which should be arriving here at any time.

If and when the property becomes available to us, we may find it necessary to go to something like induced polarization to trace the type of mineralization found in the float, but that is something to be determined if the need arises. I am almost certain that we can get first refusal on this ground, but we will have to wait and see.

Despite the lack of gravity response, this property is most intriguing and I would certainly recommend optioning it if the terms are at all reasonable, and if we get the opportunity.

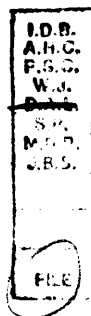

W.M. Sirola.

WMS:ps
enclosures

MAY 8 1978

COPY

Y-7
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May 3, 1978

Mr. Al Carlos
13, Aspen Drive,
WHITEHORSE, Yukon.

Dear Mr. Carlos:

Re: Shape Claims, Finlayson Lake,
Yukon Territory

Since 1963, we have accumulated rather voluminous gravity data in the Yukon Territory, and we feel that we are well-qualified to evaluate gravity surveys.

The most meaningful data that we have on hand is, of course, the information gathered during the course of geophysical work on the Vangorda and Swim deposits, together with some published information on the Faro deposit.

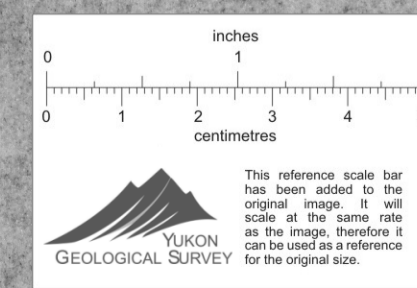
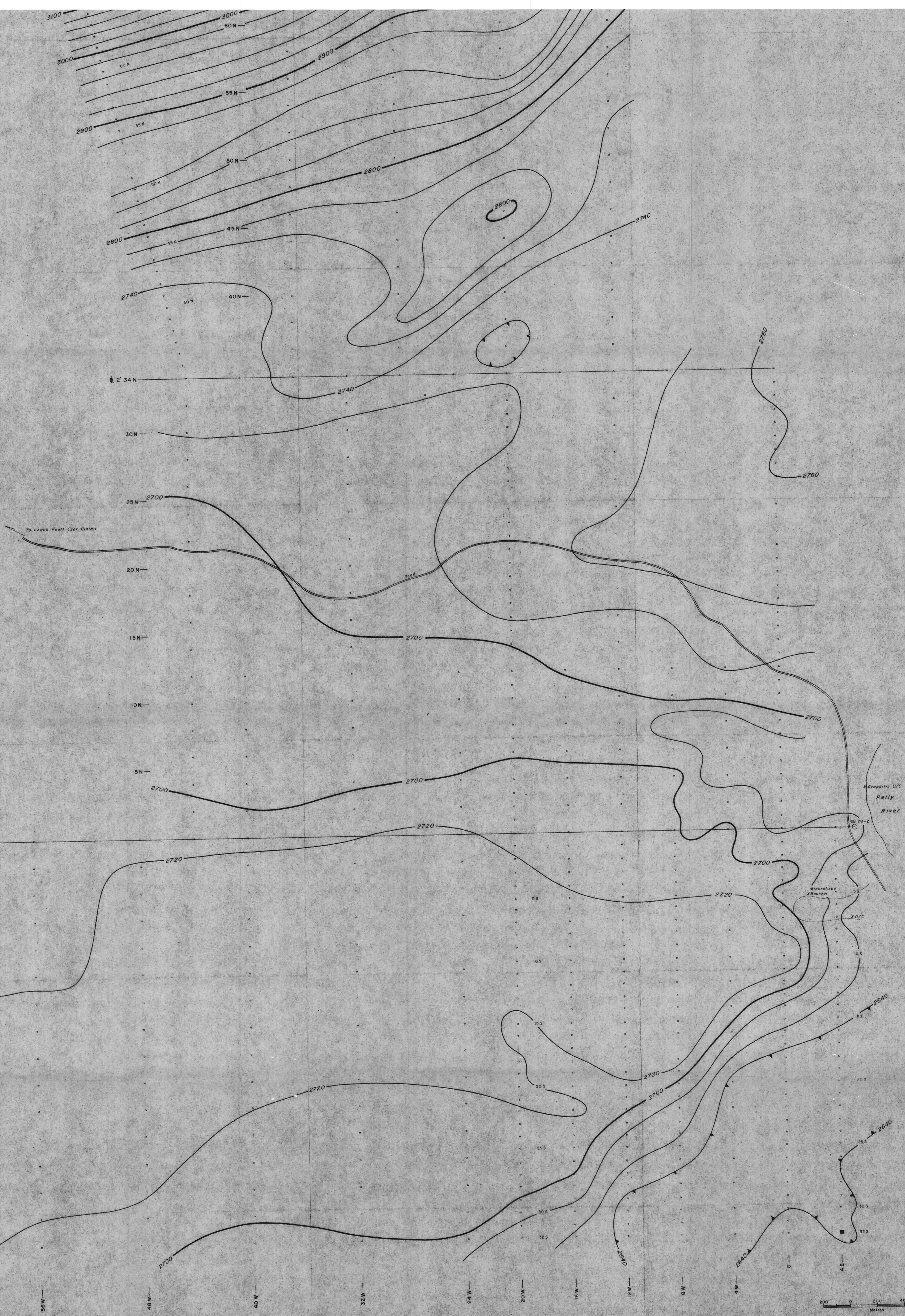
We would be very happy to compare the results of our work with your completed work on your ground, and to give you a very quick appraisal as to whether or not your results are indeed indicative to massive sulphides. There would be no obligation whatsoever on your part, and we feel that our data might be very useful in your present and future efforts.

If such a proposition has any appeal for you and Glen Harris, we would be very happy to visit with you in Whitehorse prior to your impending drilling programme.

Yours very truly,
KERR ADDISON MINES LIMITED

W.M. Sirola, P. Eng.
Regional Exploration Manager

JWM:ps
File No. Y-7

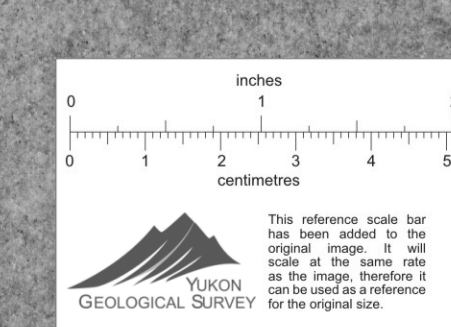
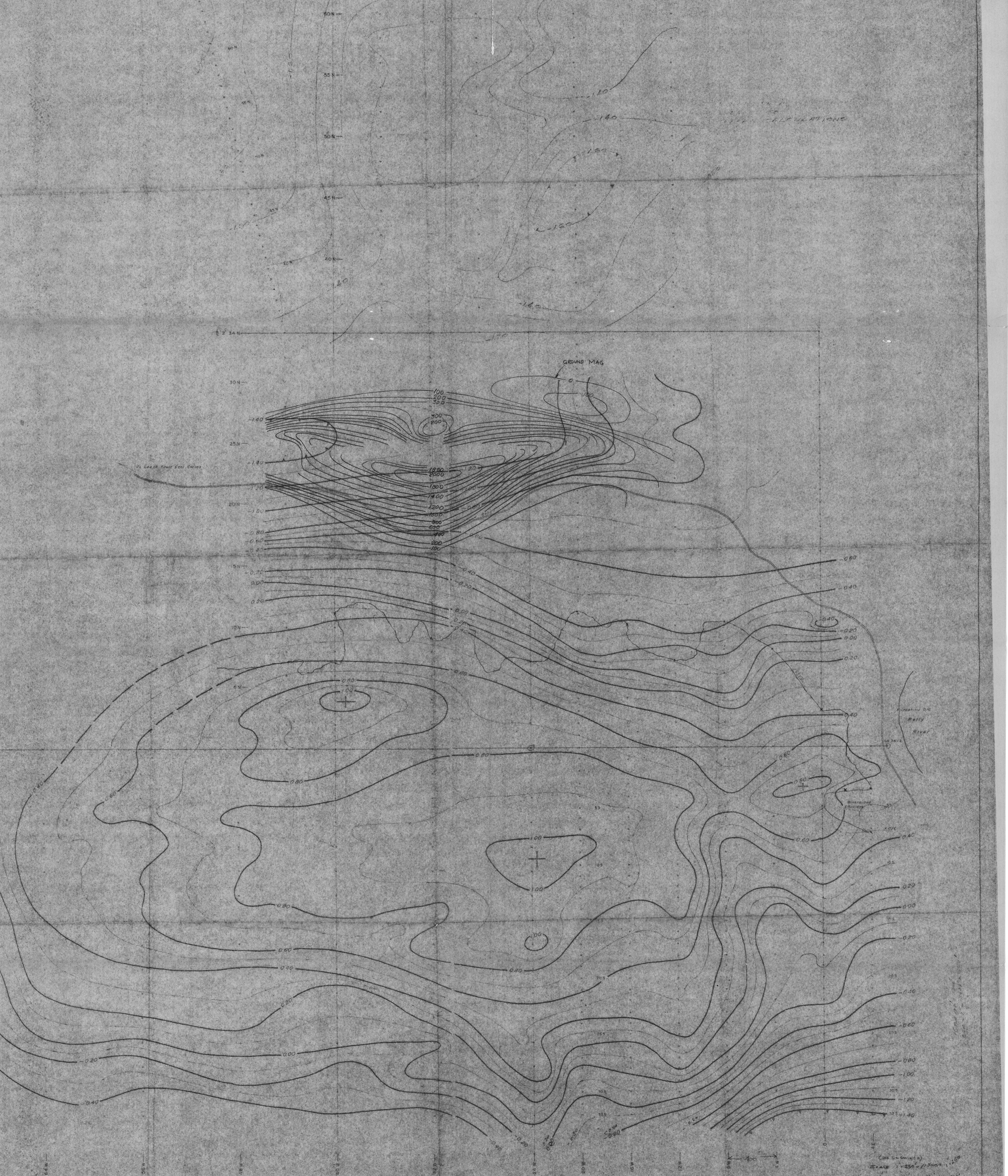


NTS: 105 G/14
PELLY BANKS SYNDICATE
 RENO, SHALE CLAIMS AREA - Pelly RIVER
 WATSON LAKE DISTRICT, YUKON TERRITORY

ELEVATION MAP
 CONTOUR INTERVAL - 20 Feet (6 Meters)

DRN BY T.M.	C.A. AGER & ASSOC.	FIG. NO.
CHECKED	SURREY, B.C. CANADA	3
DATE: MAY, 1978		

TO ACCOMPANY REPORT TITLED
 GRAVITY & MAGNETICS -
 RENO, SHALE CLAIMS AREA
 BY C.A. AGER, P.D., P.E.S.
 DATED MAY, 1978 PROJECT Pelly BANKS SYNDICATE



NTS 105 6/14
PELLY BANKS SYNDICATE
 WENO SHALE CLAIMS AREA - PELLY RIVER
 WATSON LAKE DISTRICT, YUKON TERRITORY

COMPLETE BOUGUER GRAVITY
 CONTOUR INTERVAL: 0.20 MGAL
 NON-LINEAR ELEVATION FACTOR

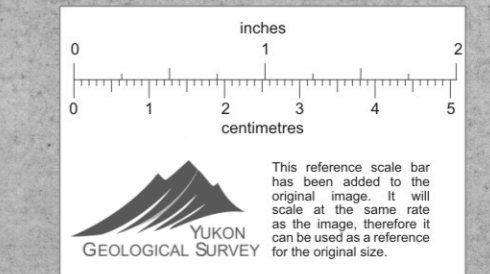
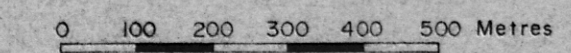
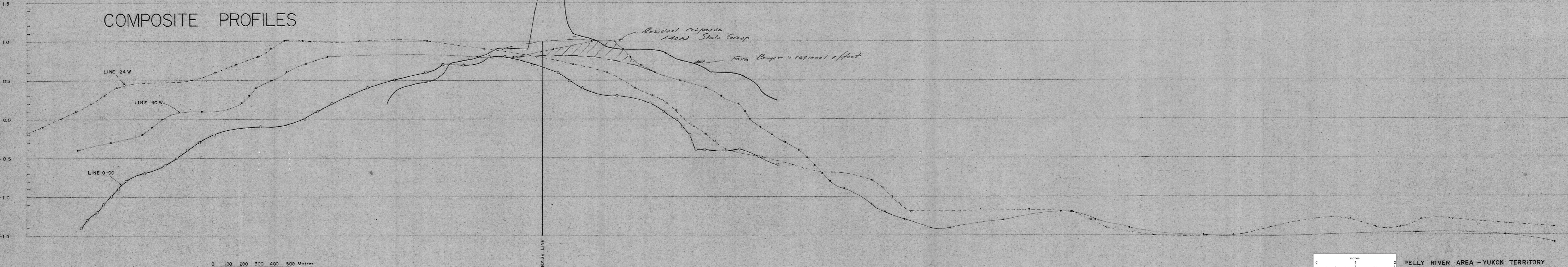
DATE: APR 1978
 BY: C.A. SPER & ASSOC.
 SURREY, B.C., CANADA

TO ACCOMPANY REPORT FILED
 GRAVITY & MAGNETIC
 WENO SHALE CLAIMS AREA
 BY C.A. SPER & ASSOC.
 APRIL 1978, 105 6/14, PELLY BANKS SYNDICATE

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COMPOSITE PROFILES

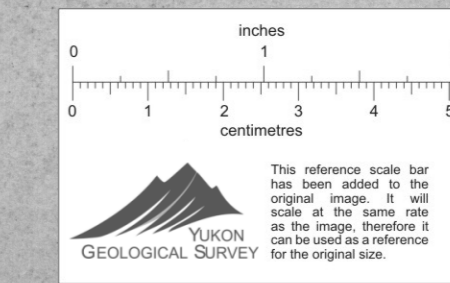
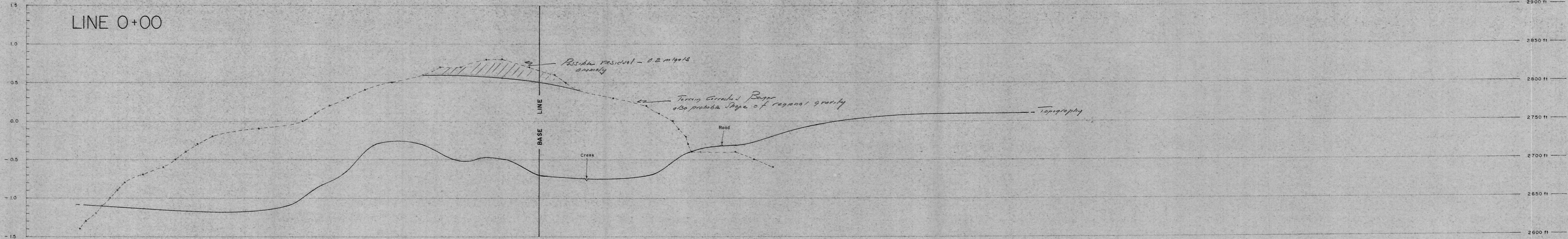


PELLY RIVER AREA - YUKON TERRITORY
 BOUGER GRAVITY PROFILES
 RENO - SHALE CLAIMS

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LINE 0+00

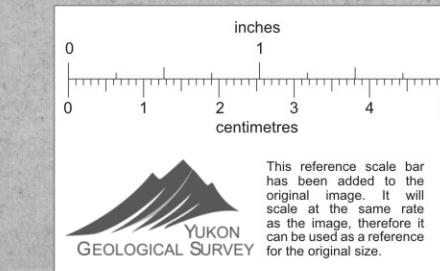
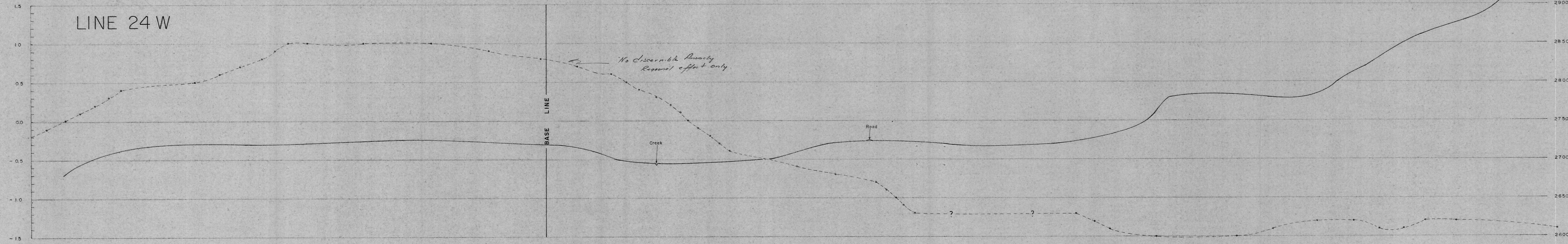


PELLY RIVER AREA - YUKON TERRITORY
 BOUGER GRAVITY PROFILE
 RENO - SHALE CLAIMS

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LINE 24 W

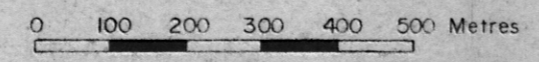
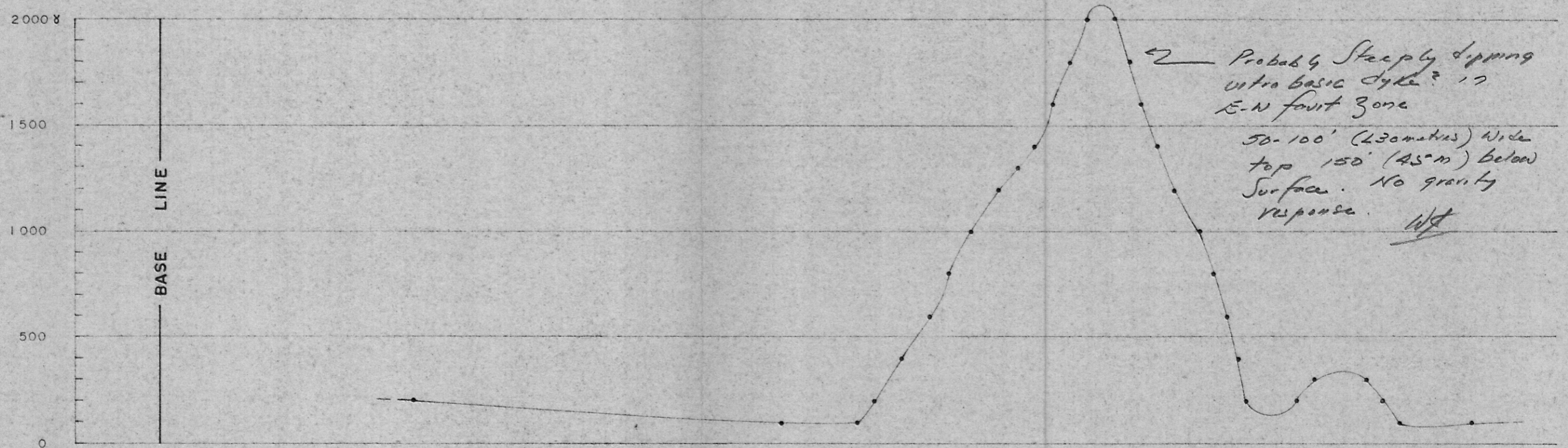


PELLY RIVER AREA - YUKON TERRITORY
BOUGER GRAVITY PROFILE
RENO - SHALE CLAIMS

LINE 32 W

S

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inches
0 1 2
centimetres
0 1 2 3 4 5

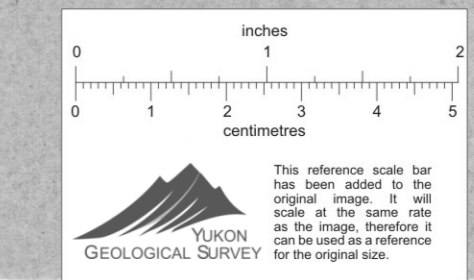
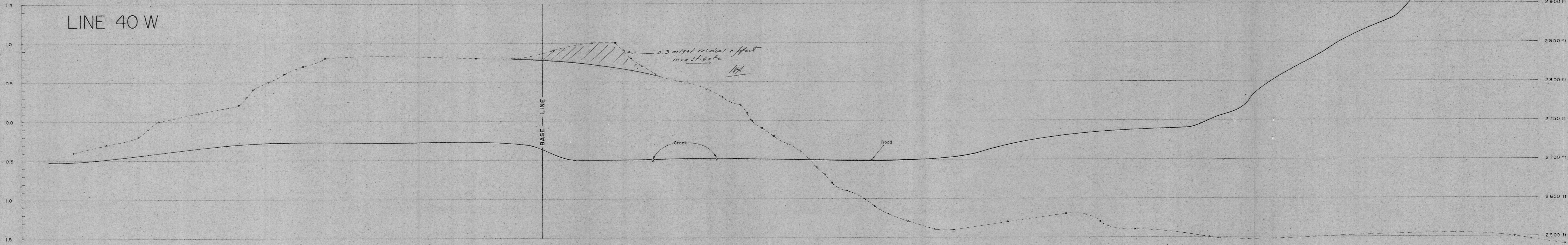
YUKON
GEOLOGICAL SURVEY

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.

PELLY RIVER AREA - YUKON TERRITORY
RENO-SHALE CLAIMS
GROUND MAGNETIC PROFILE

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LINE 40 W

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PELLY RIVER AREA - YUKON TERRITORY
BOUGER GRAVITY PROFILE
RENO - SHALE CLAIMS