



EXCLUSIVE CONNECTION WITH WESTERN UNION CABLE SERVICE

Form 6102

CANADIAN NATIONAL TELEGRAPHS

J. R. WHITE, GENERAL MANAGER
TORONTOPLACE X OPPOSITE
SERVICE DESIRED

FULL RATE

X

DAY LETTER

NIGHT LETTER

CHECK

CHARGE ACCOUNT NO. : 3-100-37860

TOLLS

TIME AND DATE FILED

April 10, 1961

 COMPANY Kerr-Addison Gold Mines Limited
 ADDRESS Suite 1600 - 44 King Street West
 CITY Toronto 1, Ontario

820765

Send the following message, subject to the terms on back hereof, which are hereby agreed to

 Mr. W. M. Sirola,
 1766 Ottawa Place,
 West Vancouver, B. C.
Sen 9/6

check Re your April 7th memorandum agree with short MacDonald prospect before Houston departure stop re possible McDonald employment my position remains that expressed in March 30th Houston memorandum

W.S.R.	
P.M.K.	<input checked="" type="checkbox"/>
G.H.M.	
E.O.C.	
H.A.P.	
R.D.S.	
B.C.B.	
D.W.P.	
G.P.R.	
E.L.D.	
J.R.	
E.C.J.	

PHONED

Pmk
 P. M. Kavanagh
File 92 K.
Magnetic Anomalies Vancouver
Island
April 10 1961

REFERENCE MEMORANDUM

92/K

*MacKanght
Prospect, Van. Is.*

DATE April 10 1961

THE ATTACHED PAPERS ARE REFERRED

TO *Mr. W. S. Rens*

BY *PMK.*

- | | | | |
|-----------------------|-------------------------------------|---------------|-------------------------------------|
| PLEASE REPLY DIRECT | <input type="checkbox"/> | PLEASE HANDLE | <input type="checkbox"/> |
| PLEASE SEE ME RE THIS | <input type="checkbox"/> | YOUR COMMENTS | <input type="checkbox"/> |
| FOR YOUR INFORMATION | <input checked="" type="checkbox"/> | FOR APPROVAL | <input type="checkbox"/> |
| PLEASE RETAIN | <input type="checkbox"/> | PLEASE RETURN | <input checked="" type="checkbox"/> |

Attached are data received from Sirola concerning mainly a group of 4 claims staked by a prospector friend of his over a ^{small} magnetic anomaly near Campbell River on the east coast of Vancouver Island. Sirola agreed to pay the staking costs in exchange for first refusal & 3 month free exam'n period. I ^{then} _{arrived} him to check the situation before going to Houston area. PMK.

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

92K.

REC'D APR 10 1961

A		N
✓	W.S.R.	✓
	P.H.K.	
	G.H.M.	
	E.C.C.	
	H.A.P.	
	F.D.S.	
	G.W.P.	
	G.P.R.	
	E.L.D.	
	J.J.B.	
	E.C.I.	

To..... P. M. KAVANAGH..... From..... WILLIAM M. SIROLA.....

Subject..... MAGNETIC ANOMALIES - VANCOUVER ISLAND:..... Date..... April 7th, 1961.....

TOPOGRAPHIC CODE NO. 92-K4

MacDonald Prospect,
Vancouver Island

On March 20th Angus MacDonald visited this office and suggested to me that in view of the meagre anomaly found by airborne work over the Argonaut Iron Mine near Campbell River some of the other anomalies in this area should be investigated. He referred in particular to a large thumb-print anomaly on the North side of Campbell Lake. In the course of going over the maps we found others in this area that we felt deserved a look.

The airborne magnetic work was done by the B. C. Department of Mines in 1956 and 1957 using a fixed-wing aircraft towing a Gulf Mark-3 Magnetometer. The mean terrain clearance was 500' which means that the aircraft might be flying 200' to 250' above the hills, and in some cases 700' above the level terrain.

The maximum intensity over the Argonaut, or Iron Hill Mine, located at Upper Quisam Lake was 3,400 gammas. The actual magnetic relief would be about 1500 gammas. Production from this property amounted to roughly 2,000,000 tons of ore averaging 38.4% Fe. The magnetic relief on the Campbell Lake anomaly was 2,500 gammas. This anomaly was investigated by Dr. Bacon for the Department of Mines in 1956 and he found that the anomaly centre was 2,000' North West from the top of a 400' hill, and consequently topography could not be blamed for the magnetic relief. Dr. Bacon had examined numerous exposures of lavas in the area and found that they deflected the compass needle. However, he did not run any traverses over the anomaly and it appeared that the highest intensity was in a swamp.

In addition to the anomalous area thus described there was another located approximately eight miles to the North East. This one was not a typical thumb-print but it had a magnetic relief of 1,800 gammas and had not been investigated by the Department of Mines. In addition there was no evidence that it had ever been staked. I agreed with Angus that Kerr-Addison would pay for any staking which might be justified on either of these anomalies, provided that we had first refusal on the ground, and provided that we had a three month period in which to investigate the claims.

To/

KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

To..... P. M. KAVANAGH..... From..... WILLIAM M. SIROLA.....

Subject..... MAGNETIC ANOMALIES - VANCOUVER ISLAND:..... Date..... April 7th, 1961.....

TOPOGRAPHIC CODE NO. 92-K4

-2-

To make a long story short, Angus and Tom left here on the 22nd, checked out the two anomalies already mentioned, and attempted to check out a third one on Quadra Island. They returned on the 25th. The Campbell Lake anomaly proved to be an abnormal percentage of magnetite in andesite and consequently we did not stake this one. However, the anomaly eight miles to the North East proved considerably more interesting in that the intensities were fairly high (Maximum - 56 Scale Divisions) and in that most of the ground is obscured by overburden and swamp. Accordingly, Tom and Angus staked four claims to cover the area. As an iron deposit it is patently too small, but there may be other mineral associations. Since our equipment will be in the Houston Area for quite a while I think we should try to spend two days checking this prospect before we leave, otherwise I will have to rent other equipment to do this work upon my return from Houston.

The Quadra Island anomaly was too difficult of access to be done in the allotted time and was abandoned for the present.

One very intriguing aspect of my recent studies of airborne work on Vancouver Island and along the Coast in general is the fact that deposits of 1,000,000 to 2,000,000 tons of magnetic iron ore seldom show magnetic relief in excess of 1,200 to 1,500 gammas when flown with fixed-wing aircraft at an altitude of 500'. I have checked these results by actual calculation and that is precisely the sort of result that should ensue under those conditions. There are, undoubtedly, other deposits which have not been found, and will not be found, by airborne work because of terrain problems. This is true to some degree even of helicopter efforts.

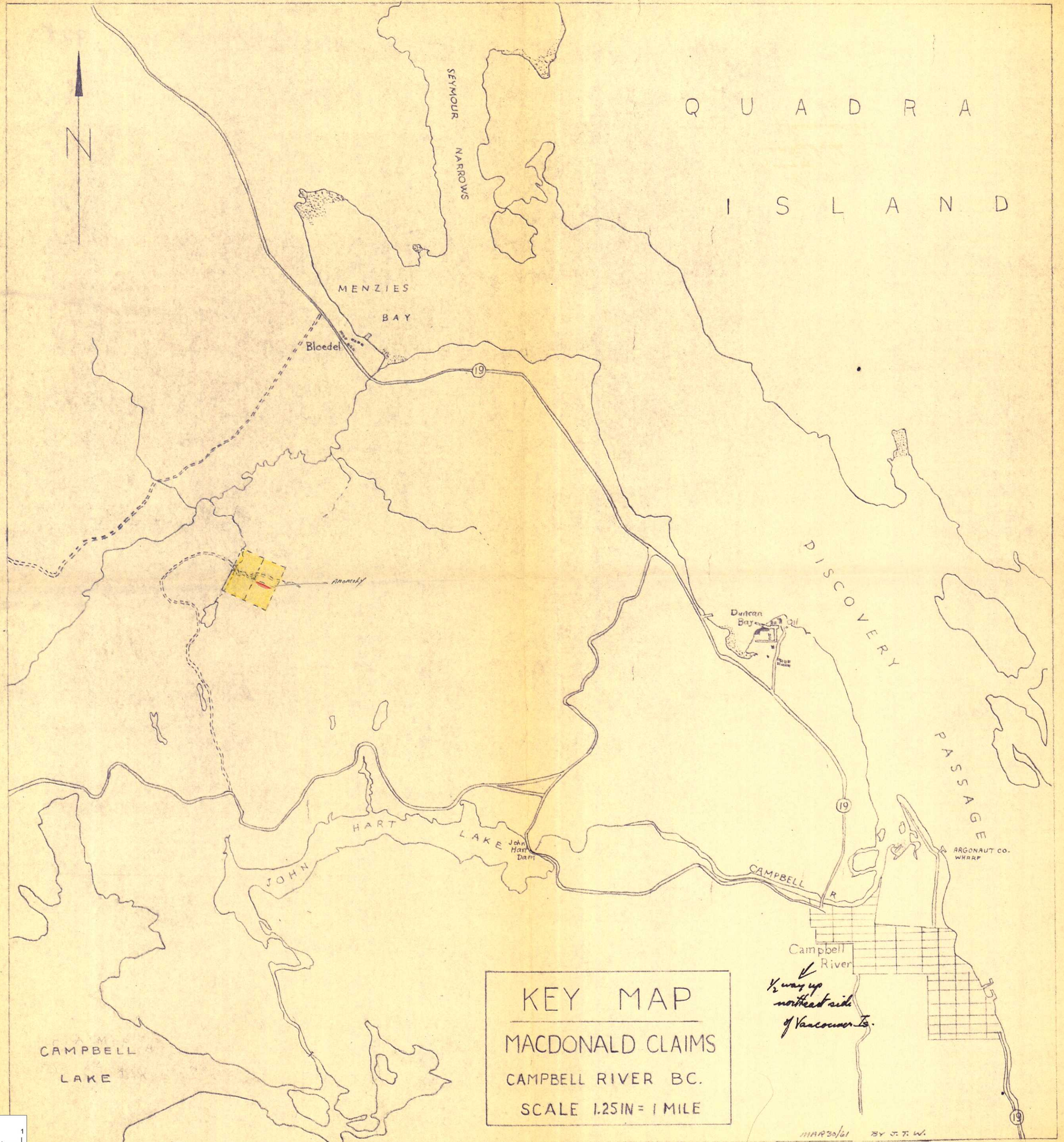
I have enclosed a Key Map and Dip-Needle Survey of MacDonald's ground, together with the B. C. Department of Mines' Airborne Sheet. Would you kindly return the last to me when you have finished with it.

Regards,

WILLIAM M. SIROLA

Encs.

WMS:rl

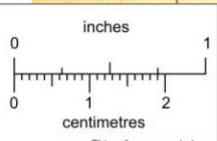


Q U A D R A
I S L A N D

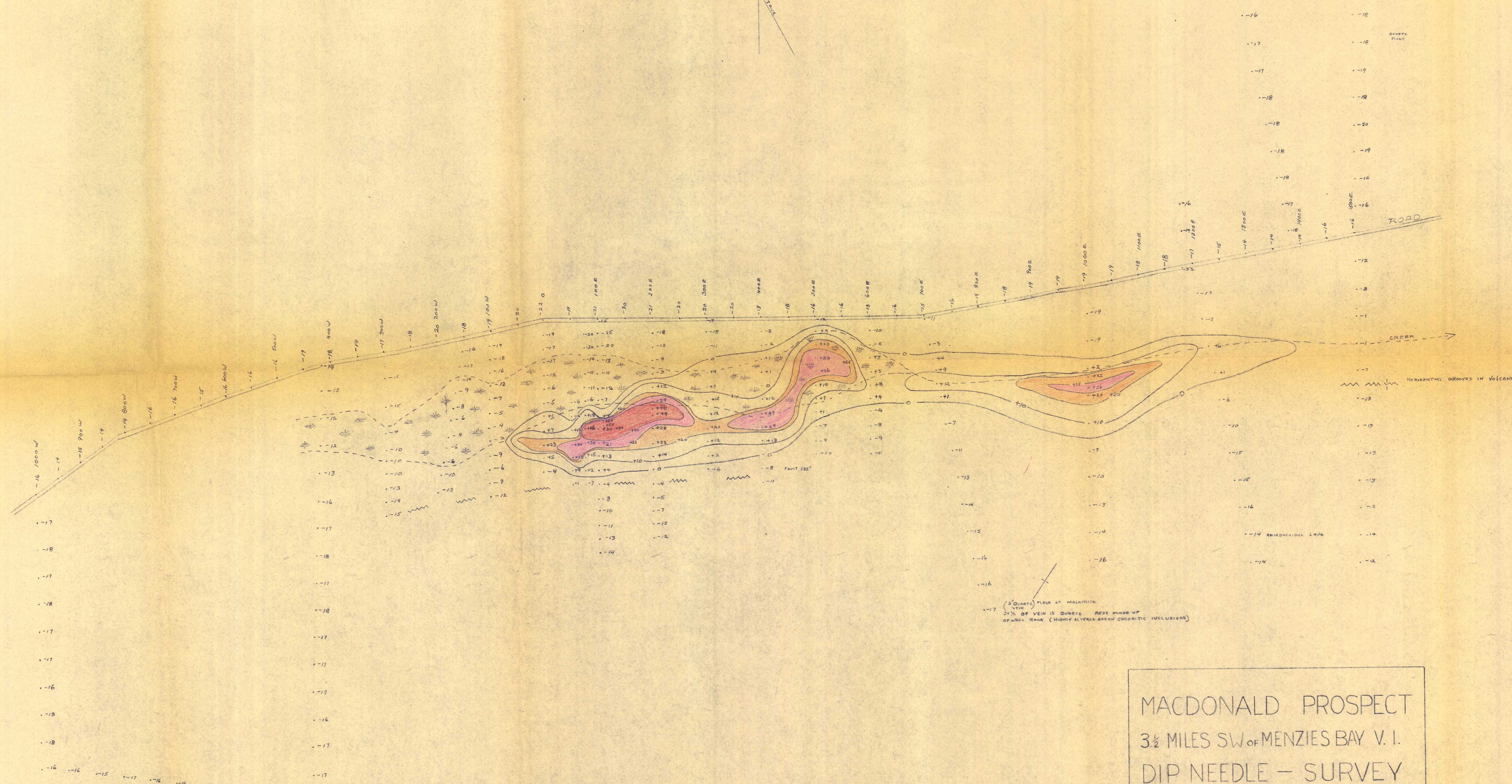
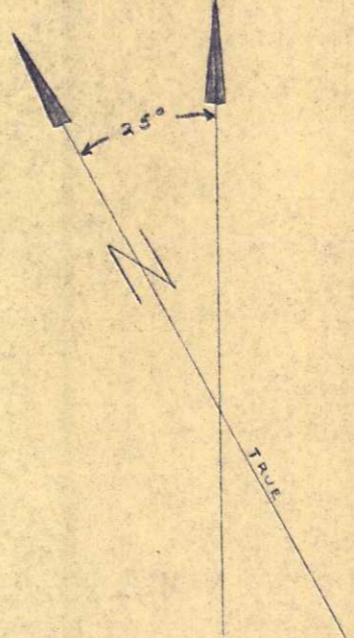
KEY MAP
MACDONALD CLAIMS
CAMPBELL RIVER BC.
SCALE 1.25IN = 1 MILE

*1/2 way up
northeast side
of Vancouver Is.*

MAR 20/61 BY J.T.W.



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.



MACDONALD PROSPECT
 3 1/2 MILES SW OF MENZIES BAY V. I.
 DIP NEEDLE - SURVEY
 SCALE: 1 IN = 100 FT
 MARCH 24/61 BY J. T. W.

