

83-#69 - #11073.

3

R. W. PHENDLER, P. Eng., GEOLOGICAL CONSULTANT,
EXPLORATION AND MINING
7360 DECOURCY CRES., RICHMOND, B.C. V7C 4E9 (604) 271-2588

R E P O R T
on the
MOHAWK PROPERTY, CLINTON MINING DIVISION
BRITISH COLUMBIA

for
REM RAY HOLDINGS, INC.

by
R.W. PHENDLER, P. ENG.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,073

Vancouver, Canada

June 29, 1982



MOHAWK PROPERTY

1" = 250 MILES

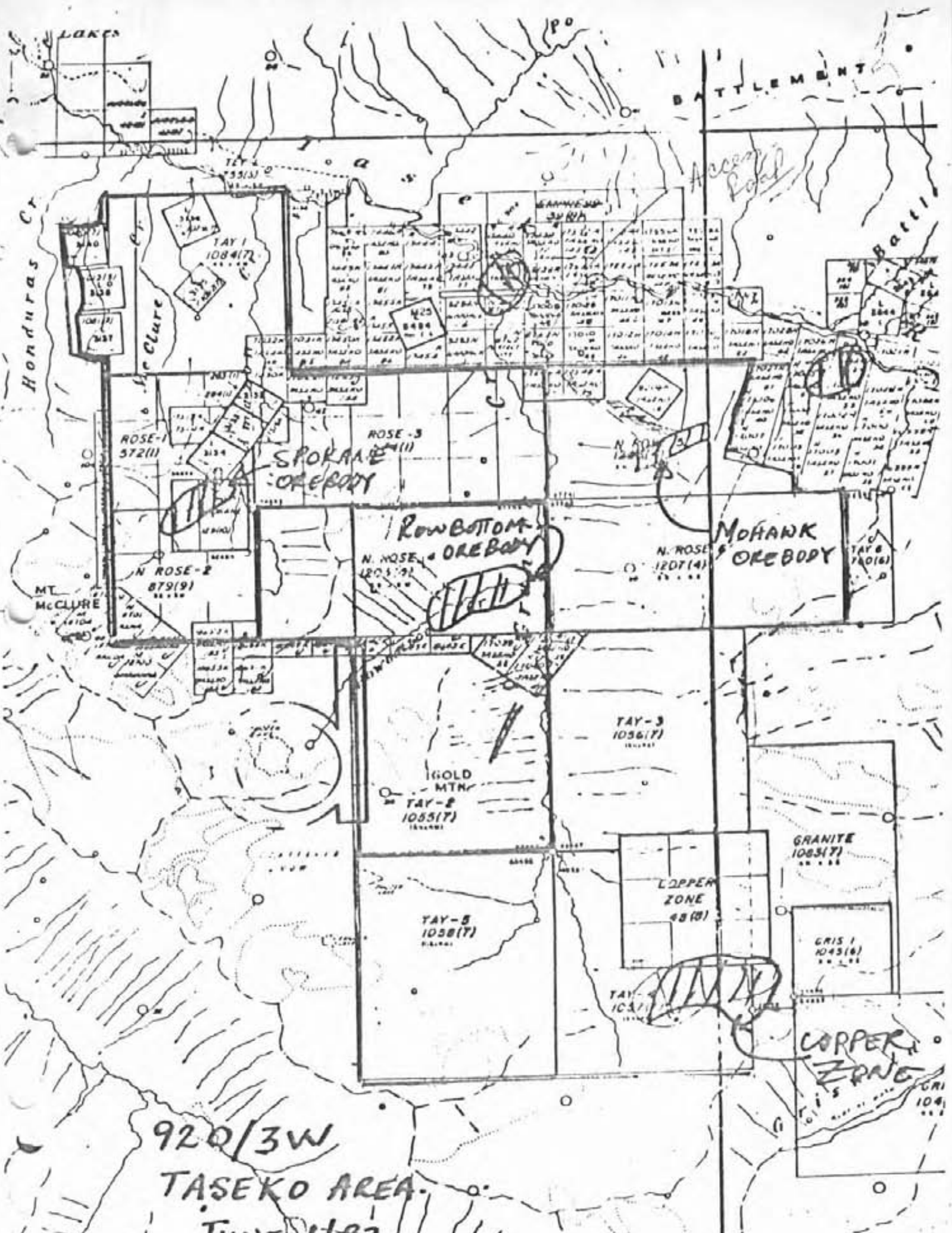
LOCATION MAP	
VANCOUVER	BRITISH COLUMBIA
<u>REM RAY HOLDINGS INC.</u>	
<u>MOHAWK PROPERTY</u>	
SCALE 1:12,672,000	
0 ————— 200 Km	
NTS.	DATE JULY, 1982 FIG. No. 1

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ILLUSTRATIONS

Fig. 1 - Location Map	-	1" = 250 Miles - frontispiece
Fig. 2 - Property Map	-	1: 50,000 - page 13
Fig. 3 - Mohawk Zone	- 1" = 70'	(1: 840) page 14



BATTLEMENT

Honduras Cr.

McClure Cr.

SPOKANE OREBODY

ROW BOTTOM OREBODY

MOHAWK OREBODY

GOLD MTN

TAY-3 1056(7)

TAY-2 1055(7)

COPPER ZONE 48(8)

TAY-5 1058(7)

GRANITE 1083(7)

GRIS 1 1045(8)

COPPER ZONE

920/3W

TASEKO AREA

TAY-1 1084(7)

GR 104

PART "A"

SUMMARY AND CONCLUSIONS

Lying near the east limit of the Coast Range Granitic Intrusive Complex in Southwestern British Columbia, the Mohawk prospect is one of many interesting showings in the Taseko River area with appreciable values in copper and/or gold.

Mineralization on the Mohawk consists of blebs and disseminations of chalcopyrite, gold, silver and molybdenum within a northeasterly-striking shear zone that has been traced along strike for 200 meters and attains a maximum width of about 30 meters. Host rock is granodiorite.

Underground exploration started by Cominco Ltd. in 1928 totalled in excess of 130 meters and showed a depth projection of the mineralized zone of at least 65 meters. Although the workings are presently caved old sampling records from surface and underground indicate that the footwall 8 - 10 meters averages about 0.15 oz Au, 0.75 % Cu and low silver values. Recent sampling by the writer tends to verify this and also shows significant values in molybdenum.

RECOMMENDATIONS

It is recommended that:

Phase I

- 1) The 2 km long access road from Taseko River to the Mohawk adit be repaired.
- 2) The underground workings be re-opened, geologically mapped and sampled.
- 3) A limited geochemical survey be conducted along the strike of the Mohawk shear zone.

PART "B"

INTRODUCTION

At the request of the board of directors of Rem Ray Holdings, Inc. the writer examined the Mohawk property on June 22, 1982. He was accompanied by Mr. D. Peterson and Mr. R. Heim of Riocanex, Inc. (Rio Tinto Canadian Exploration Ltd.).

During the visit all trenches and open cuts were examined and six chip samples were taken. They were assayed by Acme Analytical Laboratories Ltd. of Vancouver.

LOCATION AND ACCESS

The Mohawk property is located at an elevation of 1900 - 2000 meters about 225 kilometers due north of Vancouver in southwestern British Columbia. The easiest access is for one hour by helicopter from Pemberton (150 kms by road north from Vancouver on highway 99) but the property is also accessible by four wheel drive vehicle from Williams Lake. The Bella Coola road (Route 20) is followed westerly for 95 kilometers to Hanceville, thence southwesterly on the east side of the Taseko Lakes and up the Taseko River to the property which lies about two kilometers southeast of the junction of Granite Creek and Taseko River. Road distance from Williams Lake is 270 kilometers and time required is about seven hours. The last few kilometers of road up to the mine site may be in disrepair and require some clearing to make it passable.

PROPERTY AND OWNERSHIP

The Mohawk property consists of the following claims:

<u>Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Record Date</u>
N. Rose 5	1206 (4)	15	April 24, 1982
N. Rose 6	1207 (4)	18	" "
Tay - 3	1056 (7)	20	July 6, 1981

These claims were staked by Mr. A. Mariano and were transferred to Rem Ray Holdings, Inc.

HISTORY

The Mohawk prospect has attracted attention since the area was brought into prominence by the discovery of a rich gold deposit on the Taylor - Windfall property in 1920, which is located about 2700 meters to the northeast. By 1927 a series of open cuts across the 30 meter wide breccia zone had been put down by the Consolidated Mining and Smelting Co. Samples taken that year by H.C. Nichols, Resident Mining Engineer for the B.C. Department of Mines are as follows:

<u>Sample No.</u>	<u>Width</u>	<u>oz Au</u>	<u>oz Ag</u>	<u>% Cu</u>	<u>Location</u>
1	0.9m	1.20	1.06	2.14	footwall
2	0.9m	0.87	0.75	1.88	"
3	2.4m	0.31	0.65	4.56	"

The following year a crosscut was driven by Cominco, penetrating the mineralized zone for 12 meters. A face sample assayed 0.1 oz Au, 0.02 oz Ag and 2.5% Cu. The structure appeared to have a strike length of 150 meters.

The adit was extended by Motherlode Gold Mines Ltd. between 1933 and 1935 bringing it to a total length of 136 meters. Most of this work was carried out in 1934 and continued until early in

1935, when the bunkhouse and cookhouse was demolished by a snowslide which killed the crew of seven men.

It is believed that resampling of the adit was carried out in the recent past but results of this work are not available at present. The adit is presently caved.

Access to the property in the early days was by trail for about 80 kilometers from Bridge River over a pass of 2100 meters elevation. In 1928 when Consolidated Mining and Smelting Ltd. was active in the area, a longer but easier route was established from Williams Lake. The property is still considered to be of relatively difficult access and a large amount of road repairs are required to make it accessible on a year round basis.

GEOLOGY AND MINERALIZATION

The area in which the Mohawk property is located lies on the east flank of the Coast Range Crystalline Belt - a complex series of granitic intrusives of post lower Cretaceous age. One kilometer north of the Mohawk showings lies the east-west striking limit of the granitic rocks in contact with hydrothermally altered volcanic rocks of the Spences Bridge Group of Cretaceous age.

The country rock of the mineral showings changes from equigranular to porphyritic and from biotite granodiorite to biotite quartz monzonite. The textural variations apparently reflect local conditions of crystallization rather than multiple intrusions because porphyritic and equigranular varieties have gradational boundaries.

East of the showings the granitic rock is cut by medium to dark grey fine grained to porphyritic dykes. Phenocrysts, where present are biotite and plagioclase.

Mineralization at the Mohawk consists of sparse amounts of pyrite, chalcopyrite, galena, sphalerite and molybdenite in two silicified shear zones which strike northeasterly. Both shear zones have been traced on surface by trenching for a length of about 200 meters. The westerly shear zone which is better mineralized is about 300 meters downhill or northwesterly from the weaker. The width of the western, or principal zone is about 30 meters at the southwest end and about 22 meters at the northeast end where it disappears under overburden and heavy talus slopes.

The principal shear zone is best described as having breccia fragments consisting predominantly of hematite-speckled, finely crystalline, leucocratic aplite although rare granodiorite fragments occur. Most fragments are from fist to boulder sized and many are rounded. The fragments are not strongly altered but the matrix is veined and infilled with quartz, flaky sericite and sulphides.

At its maximum the irregular zone is 30 meters wide and in the underground workings (presently caved) the footwall is marked by a one meter wide gouge zone with the weak mineralization confined to the adjacent ten meters. Dip is about 60° to the southeast.

Mineralization occurs as blebs and disseminations in the sericitic matrix of the breccia and with quartz in veinlets. Chalcopyrite is the predominant sulphide and is reported to carry significant gold and weak silver values. Lesser molyb-

denite and minor galena and sphalerite also are present. Small amounts of tourmaline and rutile have been reported and calcite-fluorapatite veinlets have been reported in the adit dump.

Quartz veins occur throughout the zone and tend to be vuggy with crystals up to 3 centimeters in length and may carry chalcopyrite, pyrite, disseminated or rosettes of molybdenite, galena or sphalerite.

Old B.C. Department of Mines report that Mr. H.L. Batten sampled 18 meters of the underground crosscut and this sample assayed 0.15 oz Au per ton. Later sampling by R.H. Stewart of 5 meters adjacent to the footwall gouge zone assayed 0.135 oz Au, 1.4 oz Ag, and 0.73% Cu. The next 3.6 meters assayed 0.045 oz Au, 1.4 oz Ag and 0.14% Cu, while surface sampling gave gold values of 0.19 oz Au across 4.5 meters, 0.145 oz Au across 7.0 meters and 0.08 oz Au across 3.0 meters. The gold values seem to be associated with the copper.

The adit, which was started by Cominco in 1928 is at an elevation of 1909 meters and is 136 mtrs in length. Of this distance, 61.5 meters penetrate the fracture zone at the southwest end of the surface exposure. Mineralization is reportedly scattered and confined to the footwall (NW) 8.5 meters.

Samples taken by the writer during the recent examination are as follows:

<u>Sample No.</u>	<u>Width (m)</u>	<u>% Mo</u>	<u>% Cu</u>	<u>oz Ag</u>	<u>oz Au</u>
1832	2.4	0.013	0.85	0.18	0.075
1833	1.8	0.024	0.49	0.06	0.004
1834	-	0.150	0.15	0.10	0.004
1835	1.5	0.011	0.09	0.09	0.001
1836	0.9	0.006	1.65	0.28	0.026
1837	10.0	0.010	0.22	0.08	0.001

All samples are shown on figure 3.

Insufficient data is available to estimate reserves at this time. Assay results from earlier sampling (1935) suggests that grades at surface will average about 0.15 oz Au per ton across 20 meters with about 0.75% Cu. Grades appear to weaken at depth and widths decrease. Potential down to a depth of 30 meters may be 150,000 tonnes and may average 0.10 oz/ton.

Recent sampling carried out by the writer indicated the presence of gold, copper and molybdenum. Copper assays are about what was expected while gold values are on the low side and molybdenum grades were surprisingly high. The old trenches should be freshened up and resampled and results probably would be closer in gold to the original grades (around 0.10 oz/ton).

COMMENT

The Mohawk prospect is located in the center of the Taseko River mining camp which received a considerable amount of geological investigation in the 1920s. Leading the investigation was Dr. V. Dolmage, who concluded that while the surface expressions of the mineral occurrences were radically different, all were related to the gentle, northerly-dipping contact between Coast Range granitic rocks and the overlying volcanic rocks of the Denain Formation.

Of the numerous mineral occurrences in the camp, the Mohawk, the Buzzer, the Spokane, the Rowbottom and the Copper Zone lie within granitic rocks and contain copper and/or gold values, while the Empress contains copper in a host rock of altered volcanics and on the Taylor Windfall property very fine to sponge gold occurs in quartz, tourmaline, rutile and pyrite gangue in fracture controlled pockets. Other fine gold occurs in lenses

with pyrite, chalcopyrite, sphalerite and galena in a chloritic gangue.

The Mohawk mineralized shear zone strikes northeasterly towards the Taylor Windfall showings, which also strike northeasterly. The two properties may be genetically related with deep seated roots.

Undoubtedly the Mohawk property has considerable merit and may be the source of significant tonnages of material with grades around 0.10 oz Au, 0.75 % Cu with additional values in molybdenum. Additional exploration is warranted.

Respectfully submitted

R. W. Phendler
R. W. Phendler, P. Eng.
A circular professional seal for R. W. Phendler, P. Eng. The seal contains the text "R. W. PHENDLER" in the center, "BRITISH COLUMBIA" in a smaller font below it, and "ENGINEER" at the bottom. The seal is surrounded by a decorative border.

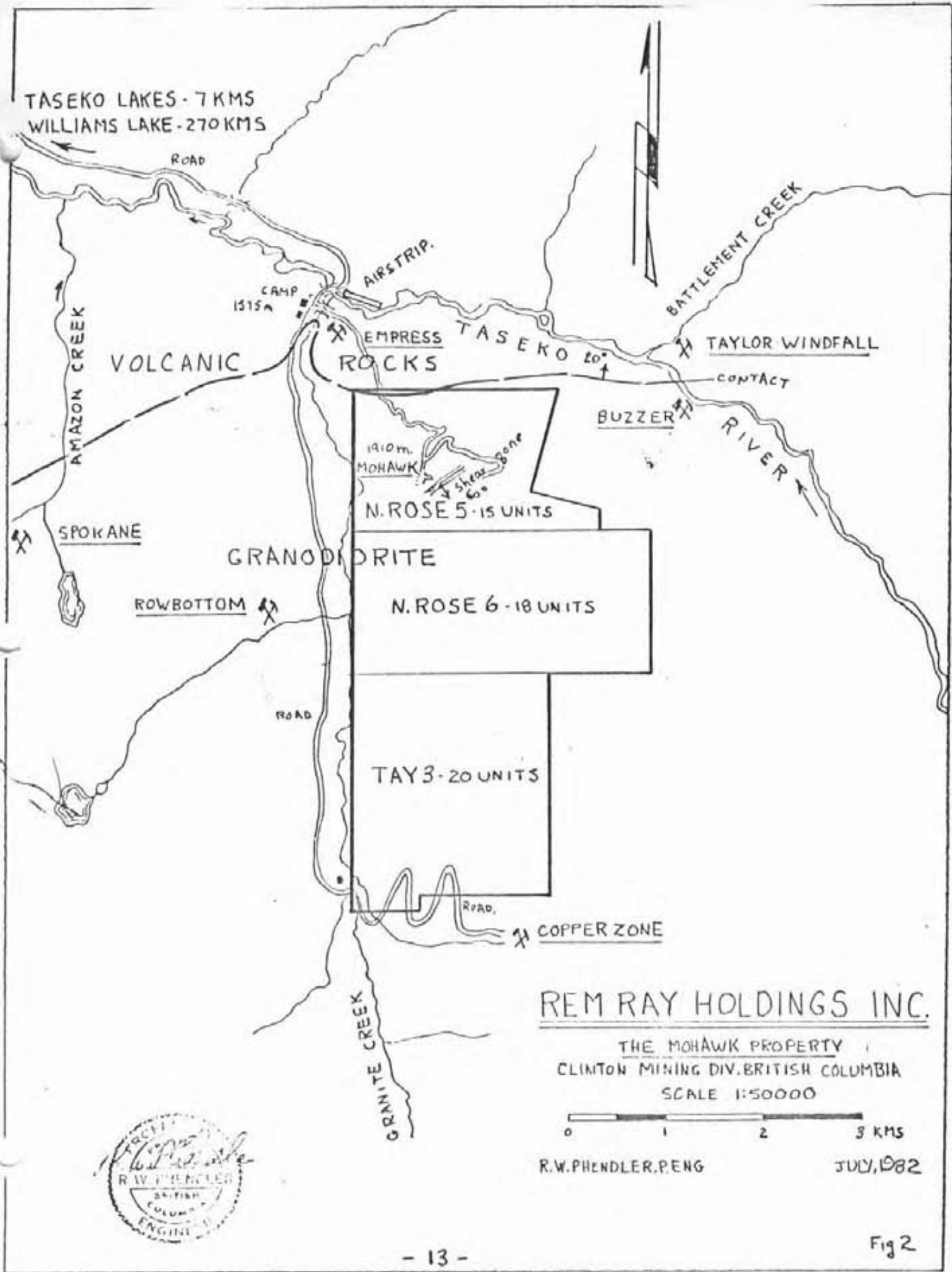
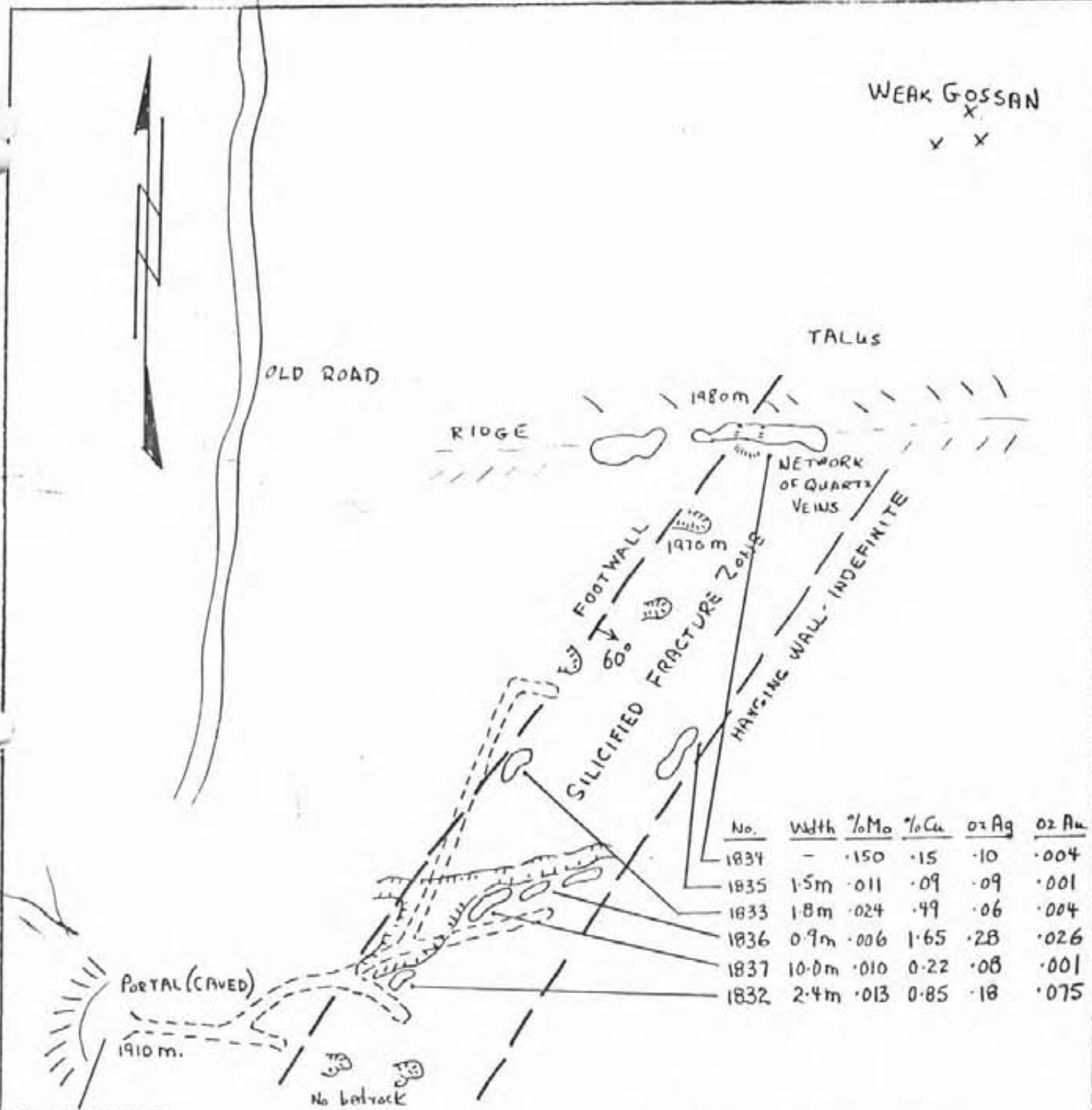


Fig 2

WEAK GOSSAN
X
X

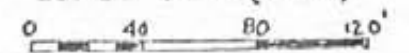


No.	Width	%Mo	%Cu	oz Ag	oz Au
1834	-	.150	.15	.10	.004
1835	1.5m	.011	.09	.09	.001
1833	1.8m	.024	.49	.06	.004
1836	0.9m	.006	1.65	.28	.026
1837	10.0m	.010	0.22	.08	.001
1832	2.4m	.013	0.85	.18	.075

REM RAY HOLDINGS INC.

MOHAWK PROPERTY, SHEAR ZONE No 1
CLINTON MINING DIV, BRITISH COLUMBIA

SCALE 1" = 10' (1:840)

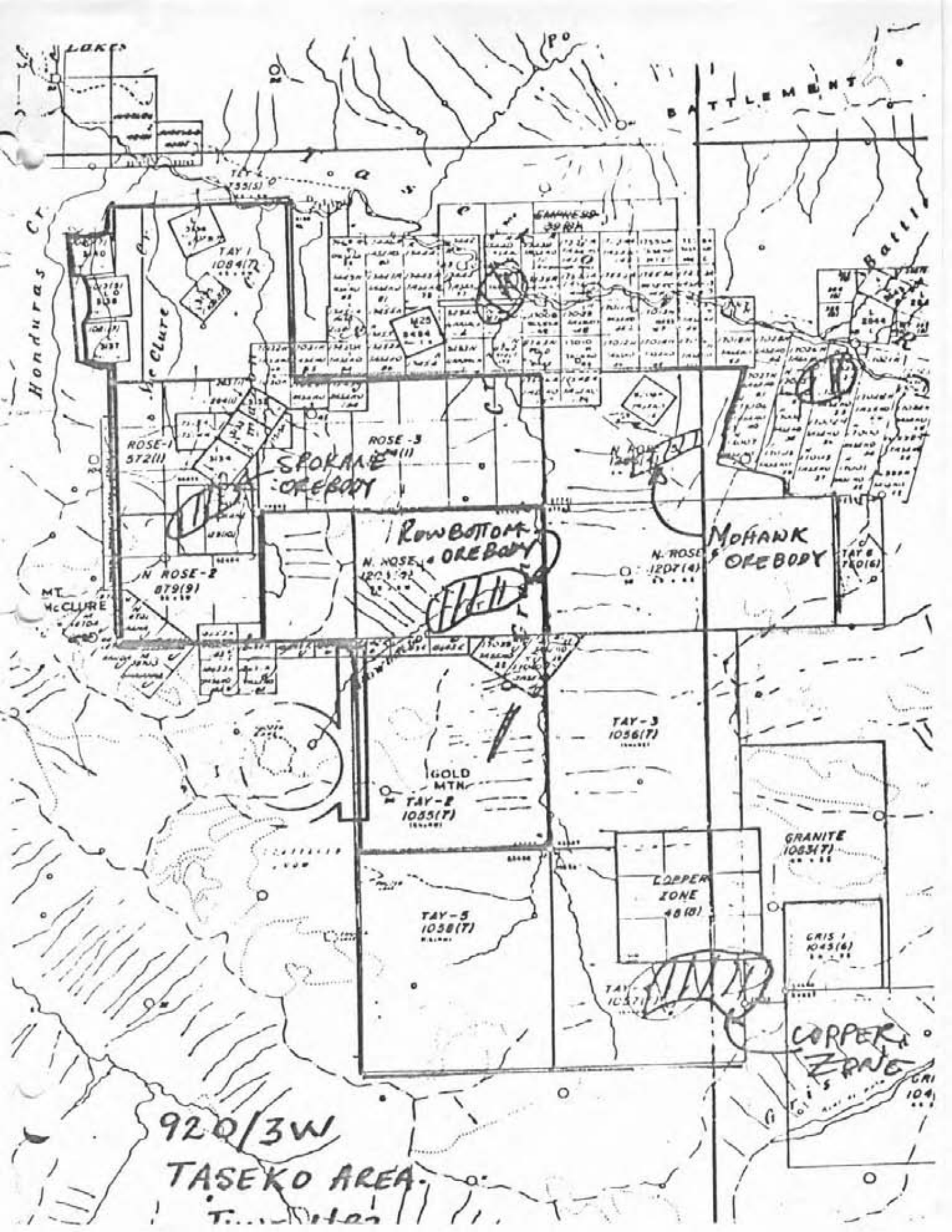


No bedrock



R.W. PHENDLER P. ENG

JULY, 1982



BATTLEMENT

Honduras Cr.

McClure

SPOKANE ORE BODY

ROW BOTTOM ORE BODY

MORANK ORE BODY

GOLD MTN.

COPPER ZONE

GRANITE

COPPER ZONE

920/3W

TASEKO AREA

T. H. H. H.

GR 104

TAY-1 1084(7)

ROSE-1 572(1)

ROSE-3 11(1)

N. ROSE-2 879(9)

N. ROSE 1201(9)

N. ROSE 1207(4)

TAY-3 1056(7)

TAY-2 1055(7)

TAY-5 1058(7)

TAY-4 1057(7)

GR 1045(6)

GAMMERSD 300A

GR 104

TAY 8 1201(6)

GR 104

GR 104

M25 8484

N. ROSE 1201(4)

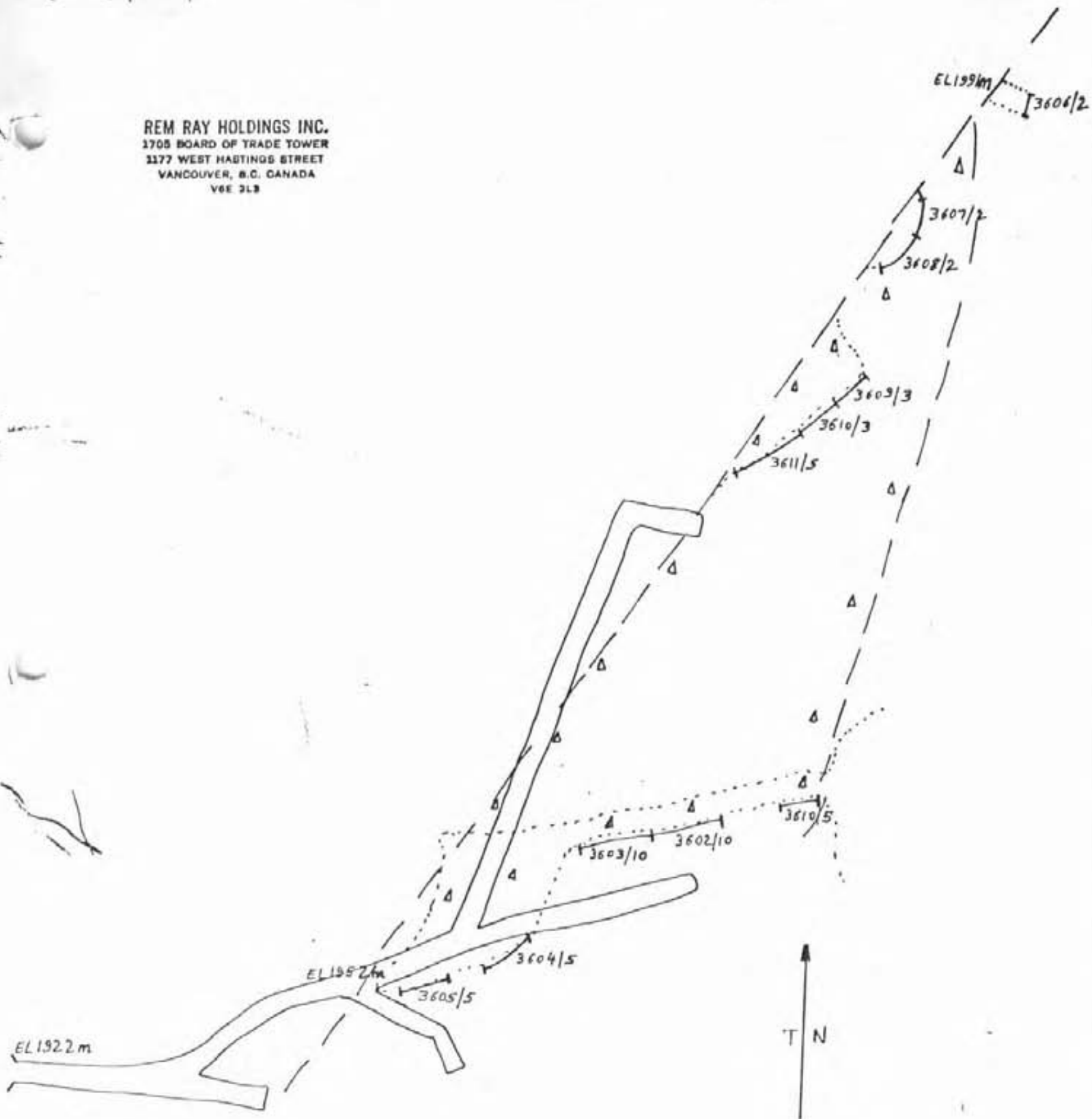
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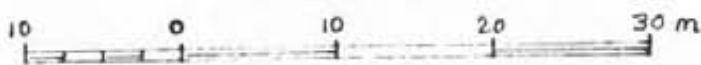
Handwritten scribble

GR 104

REM RAY HOLDINGS INC.
 1705 BOARD OF TRADE TOWER
 1177 WEST HASTINGS STREET
 VANCOUVER, B.C. CANADA
 V6E 2L3



Scale 1:500



Rose Claim

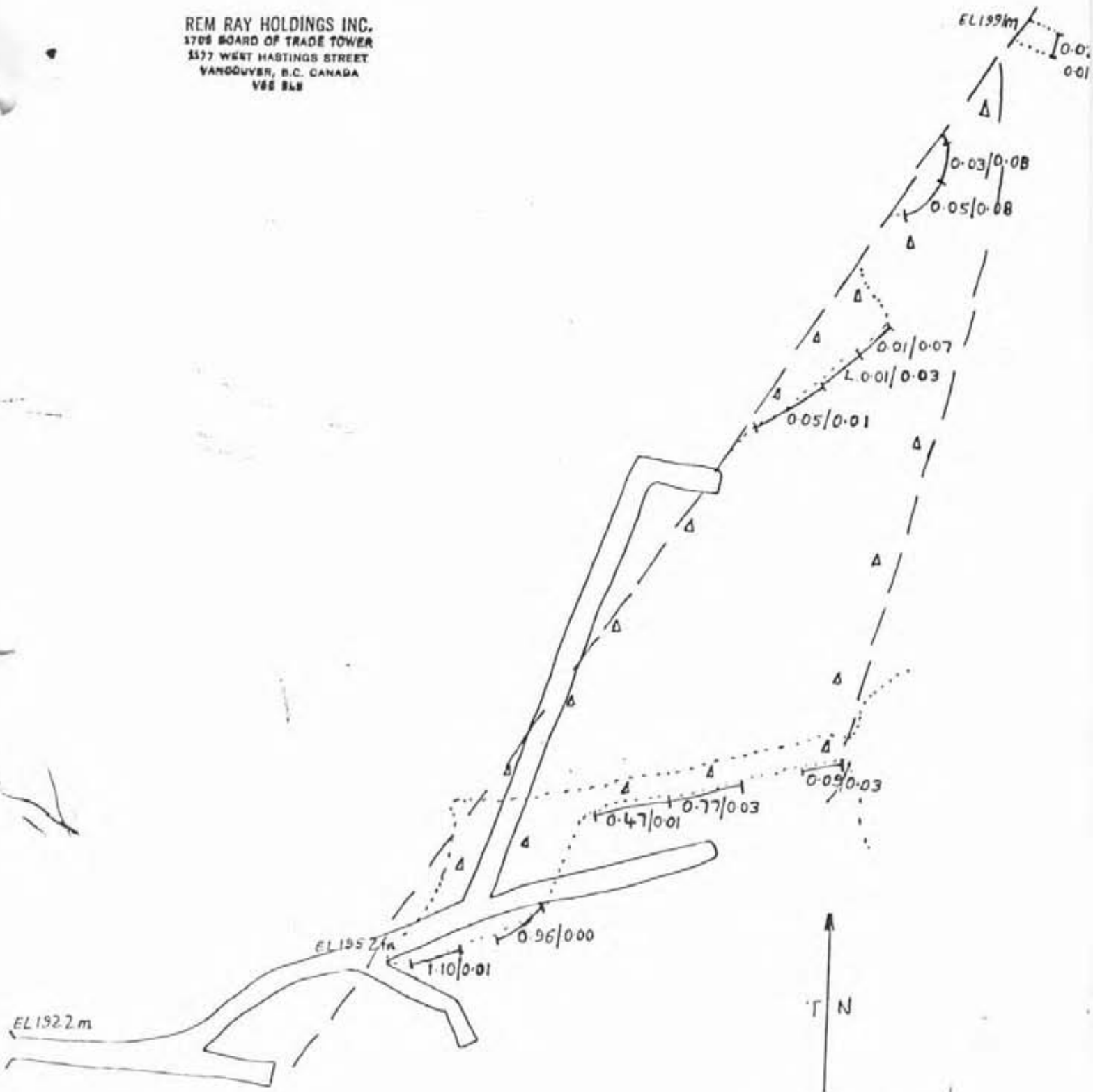
Sample Sites Sample No
 Width(m)

Limit of Breccia

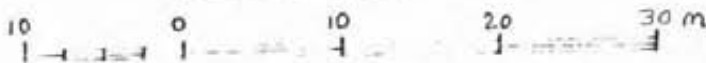


Outcrop

REM RAY HOLDINGS INC.
 1708 BOARD OF TRADE TOWER
 3177 WEST HASTINGS STREET
 VANCOUVER, B.C. CANADA
 V6E 8L8



Scale 1:500



Rose Claim %Cu/%Mo

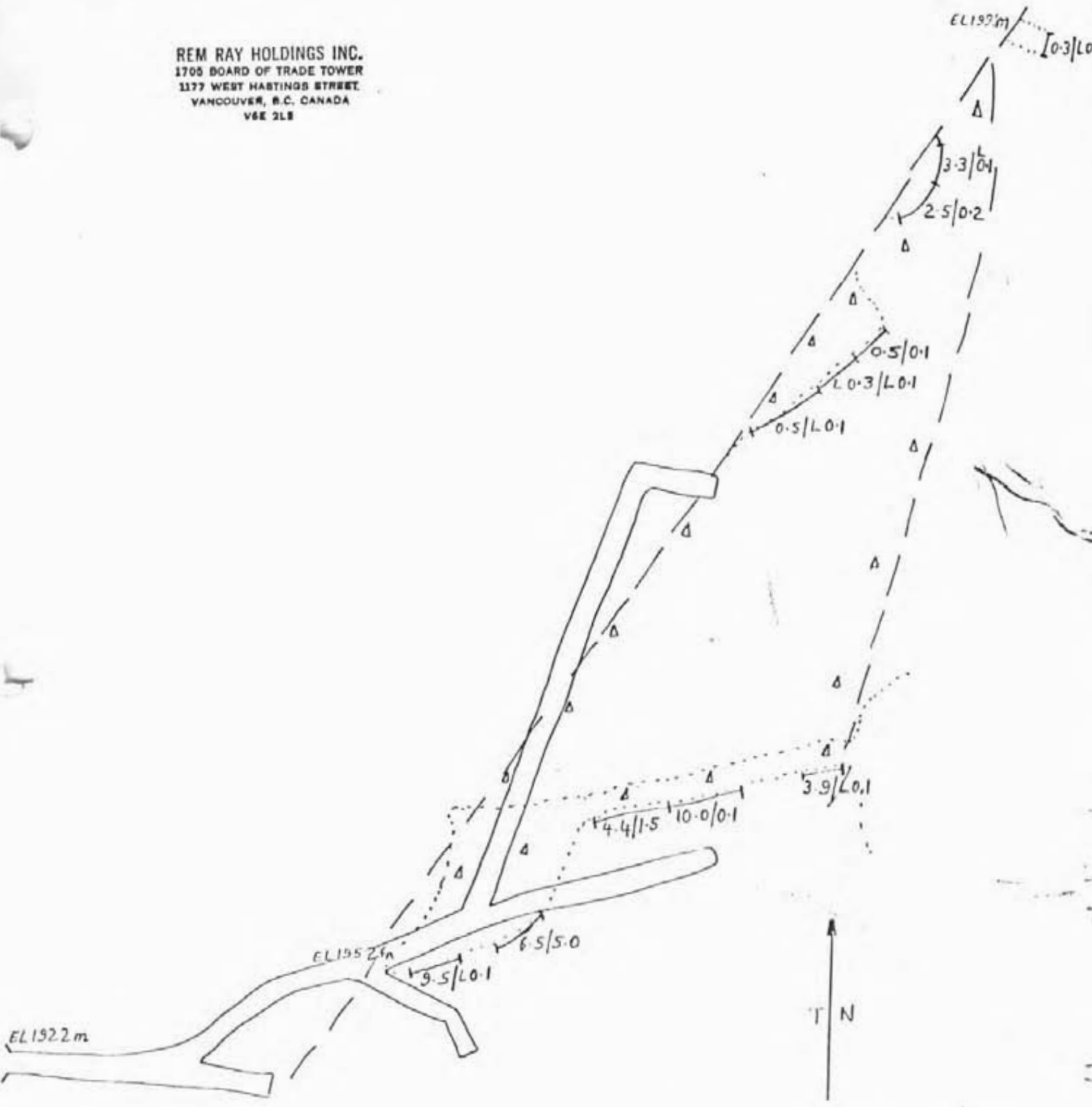
Sample sites 1/20/02

Δ limit of Breccia

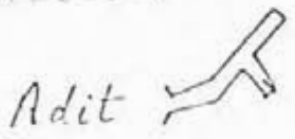
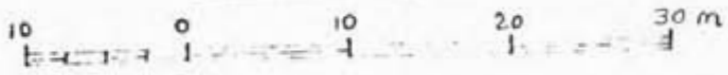


Outcrop

REM RAY HOLDINGS INC.
 1700 BOARD OF TRADE TOWER
 1177 WEST HASTINGS STREET
 VANCOUVER, B.C. CANADA
 V6E 2L8



Scale 1:500



Rose Claim $\frac{91t Ag, 91t Au}{20/10}$
 Sample Sites $\frac{1}{20/10}$
 Δ limit of Breccia

4) The upper mineralized shear zone be investigated.

Phase II

1) Surface diamond be carried out on the Mohawk shear zone.

COST ESTIMATE

Phase I

1) Rehabilitate access road - - - - -	\$6,000
2) Rehabilitate underground workings - - - - -	10,000
3) Map and sample workings (assays, etc.) - - - - -	5,000
4) Mobilization - - - - -	5,000
5) Camp costs - - - - -	7,000
6) Geochemical survey - - - - -	3,500
7) Engineering and Geology - - - - -	4,000
8) Travel and accomodation - - - - -	3,000
	<u>\$43,500</u>
15% contingencies	6,525
Total Phase I	<u>\$ 50,025</u>

Phase II

1) Diamond drilling- 600 meters @ \$120/mtr	\$ 72,000
2) Engineering and Geology - - - - -	7,000
3) Travel and accomodation - - - - -	<u>8,000</u>
	87,000
15 % contingencies	13,050
Total Phase II	<u>\$ 100,050</u>

The sum of \$ 50,000 should be made available at this time to carry out Phase I of the above program.


Respectfully submitted,


R. W. Phendley, P. Eng.


C E R T I F I C A T I O N

I, R.W. PHENDLER, of 7360 Decourcy Crescent, in the municipality of Richmond, in the Province of British Columbia, hereby certify as follows:

- 1) THAT I am a registered member of the Association of Professional Engineers of British Columbia - No. 4421.
- 2) THAT I am a graduate of McGill University, Montreal, with a Bachelor of Science degree in Geology.
- 3) THAT I have practiced my profession continually as mine (11 years), exploration (6 years) and consultant (11 years) geologist for the past 28 years in all parts of Canada, the U.S.A., Mexico, Peru, Colombia and Chile.
- 4) THAT I have no interest in the Mohawk property nor do I own, directly or indirectly, any shares of Rem Ray Holdings Inc., nor do I expect to.
- 5) THAT the information contained in this report was compiled as a result of my examination of the Mohawk property on June 22, 1982.
- 6) THAT I hereby consent to the publication of this report in a prospectus or statement of material facts.

R. W. Phendler
R. W. PHENDLER, P. Eng.


BIBLIOGRAPHY

- 1) B.C. Ministry of Mines and Petroleum Resources -"GEOLOGICAL
FIELDWORK - 1976" - Pages 47 - 53.

- 2) B.C. MINISTER OF MINES ANNUAL REPORTS, 1927, 1928, 1934, 1935.



To: Rem Ray Holdings Inc.,
807 - 626 W. Pender St.,
Vancouver, B.C.
V6B 1V9

File No. 82-0465

Type of Sample Rocks

Disposition _____

ASSAY CERTIFICATE

c.c. Mr. Roy Phendler,

No.	Sample	Mo%	Cu%	Ag oz/ton	Au oz/ton		No.
1	1832	.013	.85	.18	.075		1
2	1833	.024	.49	.06	.004		2
3	1834	.150	.15	.10	.004		3
4	1835	.011	.09	.09	.001		4
5	1836	.006	1.65	.28	.026		5
6	1837	.010	.22	.08	.001		6
7							7
8							8
9							9
10							10
11							11
12							12
13							13
14							14
15							15
16							16
17							17
18							18
19							19
20							20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED June 24, 1982

DATE REPORTS MAILED June 28, 1982

ASSAYER

Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TELEPHONE: (604) 984-0221
TELEX: 043-52597

CERTIFICATE OF ASSAY

TO : RIDCANEX INCORPORATED

CERT. # : A8211562-001-A
INVOICE # : 18211562
DATE : 7-JUL-82
P.O. # : NONE
PROJECT 8301

STE. 520 - 800 W. PENDER STREET
VANCOUVER, B.C.
V6C 2V6

ATTN: DAVE PETERSON

Sample description	Prep code	Cu %	Cu nsulf %	Mo %	Pb %	Zn %	Ag AA g/tonne
3601	207	0.09	0.04	0.028	0.07	0.28	3.9
3602	207	0.77	0.29	0.028	0.04	0.12	10.0
3603	207	0.47	0.20	0.010	0.09	0.34	4.4
3604	207	0.96	0.39	0.004	0.02	0.05	6.5
3605	207	1.10	0.92	0.013	0.09	0.25	9.5
3606	207	0.02	0.01	0.007	0.01	0.03	0.3
3607	207	0.03	0.01	0.080	0.19	0.19	3.3
3608	207	0.05	0.04	0.084	0.14	0.18	2.5
3609	207	0.01	<0.01	0.068	0.03	0.05	0.5
3610	207	<0.01	<0.01	0.026	0.03	0.03	<0.3
3611	207	0.05	0.03	0.012	0.02	0.06	0.5

RECEIVED
JUL 09 1982
REGISTERED

Registered Assayer, Province of British Columbia

REM RAY HOLDINGS INC.

INDUSTRIAL MATERIALS DIVISION

1705 Board of Trade Tower
1177 West Hastings Street
Vancouver, British Columbia
Canada, V6E 2L3
Telephone: (604) 681-5818
Telex: 04 - 55350

COST STATEMENT OF DECLARATION ON
ENGINEERING & GEOLOGICAL WORK DONE ON
THE GRANITE CREEK PROPERTY, ROSE-5 (15 Units)
MINERAL CLAIM RECORD NO. 1206 (4),
ROSE-6 (18 Units) RECORD NO. 1207(4)
From May to November 1982.

Itemized Costs as Follows:

1. Roy Phendler, P. Eng. - Engineering Report
Dave Peterson, P.Eng., Rio Canex Inc.
Cost of Report- \$2,000.00
Transportation- \$1,000.00
Sampling & Assays- 200.00
Sub total \$3,200.00

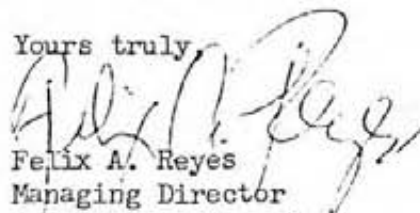
2. Physical Work:
 - i. Alejo Mariano Jr. 5 days @ \$150.00/day
 - ii. M.Boe - Prospector 5 days @ \$150.00/day
 - iii. F. Reyes -Supervisor 5 days @ \$200.00/day

10 days @ \$150.00/day = \$1,500.00
5 days @ \$200.00/day = \$1,000.00
\$2,500.00

3. Total Cost on Project = \$5,700.00

The lists of costs included in the assessment work applied on the project.

Yours truly,


Felix A. Reyes
Managing Director
Rem Ray Holdings Inc.

FAR/tb

REM RAY HOLDINGS INC.

INDUSTRIAL MATERIALS DIVISION

1705 Board of Trade Tower
1177 West Hastings Street
Vancouver, British Columbia
Canada, V6E 2L3
Telephone: (604) 681-5818
Telex: 04 - 55350

COST STATEMENT OF DECLARATION ON
ENGINEERING & GEOLOGICAL WORK DONE ON
THE GRANITE CREEK PROPERTY, ROSE-5 (15 Units)
MINERAL CLAIM RECORD NO. 1206 (4),
ROSE-6 (18 Units) RECORD NO. 1207(4)
From May to November 1982.

Itemized Costs as Follows:

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Cost of Report- \$2,000.00
Transportation- \$1,000.00
Sampling & Assays- 200.00
Sub total \$3,200.00

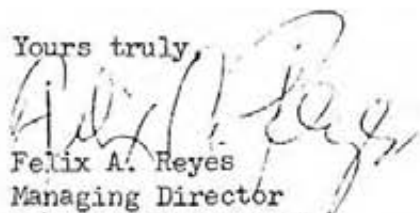
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 - i. Alejo Mariano Jr. 5 days @ \$150.00/day
 - ii. M.Boe - Prospector 5 days @ \$150.00/day
 - iii. F. Reyes -Supervisor 5 days @ \$200.00/day

10 days @ \$150.00/day = \$1,500.00
5 days @ \$200.00/day = \$1,000.00
\$2,500.00

3. Total Cost on Project = \$5,700.00

The lists of costs included in the assessment work
applied on the project.

Yours truly,


Felix A. Reyes
Managing Director
Rem Ray Holdings Inc.

FAR/tb