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REPORT

ON

KLOVANCE OPTION

NELSON MINING DIVISION - 82F3W

FOR

DAVID MINERALS LTD.

BY

J.W. MACLEOD, P.Eng.

VANCOUVER, B.C.

October 30, 1981

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ILLUSTRATIONS

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LOCATION MAP Scale 1" = 38 miles	1
ACCESS MAP Scale 1" = 2 miles	2
CLAIM MAP Scale 1: 50,000	2
MAG SURVEY Scale 1:2,500	In Pocket
EM & S.P. Test Scale 1:2,500	In Pocket
Lead in Soils Scale 1:2,500	In Pocket
Zinc in Soils Scale 1:2,500	In Pocket
Silver in Soils Scale 1:2,500	In Pocket

SUMMARY

An examination of the Klovance property located 7 miles northwest of Salmo was carried out on September 6th, 1981.

A selected sample from an old shaft sunk on a brecciated argillite mineralized with lead, zinc and magnetite assayed 14.6 Ag, 4.27 Pb and 4.62 Zn. Although the surface exposure is of limited extent, a soil survey by Silver Standard suggested an extension to the south that had not been investigated.

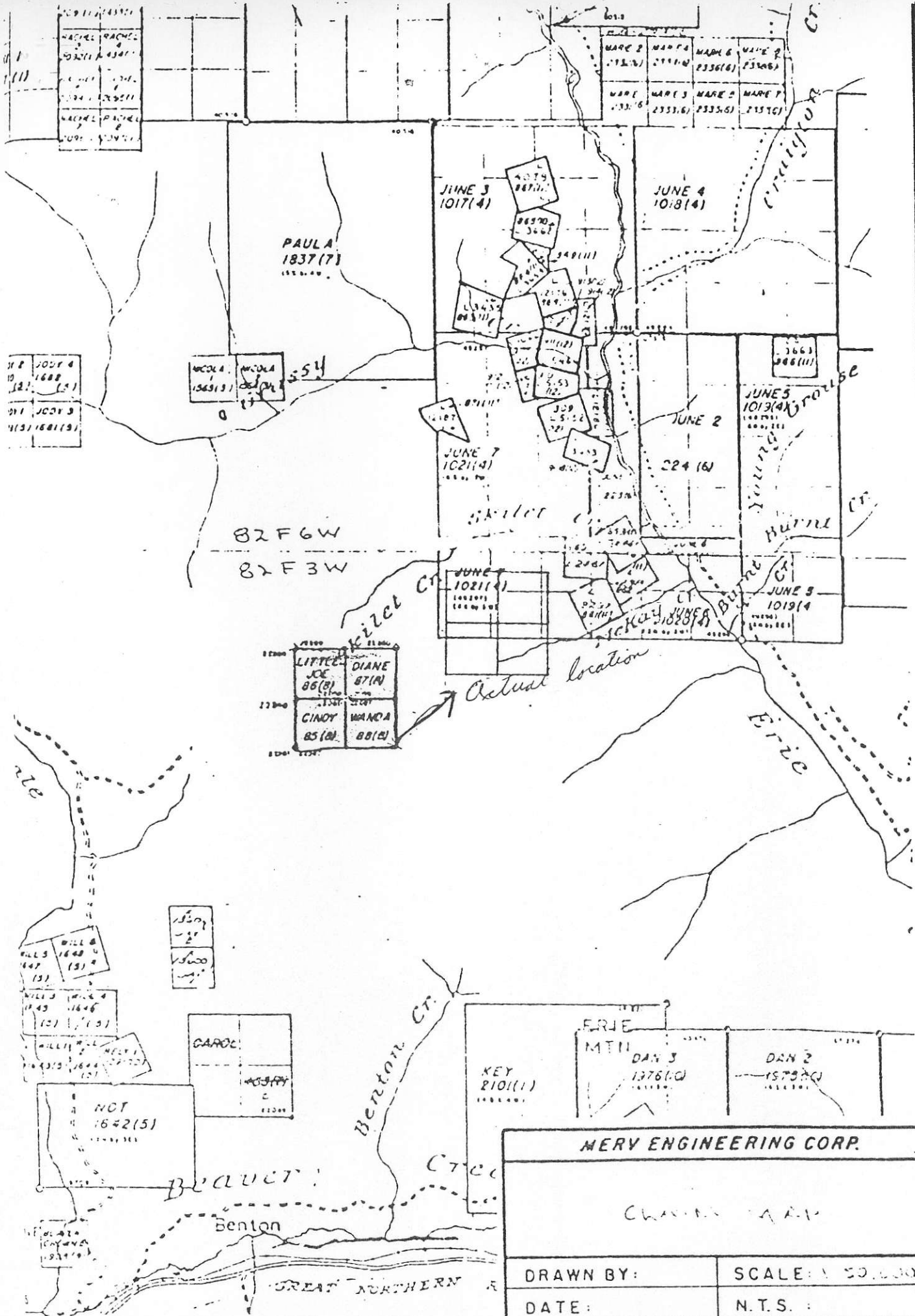
The Silver Standard soil area was detailed and the survey expanded to the south. This work combined with magnetometer work strengthened the indications of mineralization to the south of the shaft and located a new geochemical anomaly.

The potential of these indications can be determined by the expenditure of \$ 5,000.00 on cat trenching.

PROPERTY

The property consists of the following four one-unit claims located from common L.C.P.

<u>CLAIMS</u>	<u>RECORD NO.</u>	<u>ANNIVERSARY DATE</u>
Cindy	85	27 August/82
Little Joe	86	27 August/82
Diane	87	27 August/82
Wanda	88	27 August/82



MERY ENGINEERING CORP.	
CHARTER MAP	
DRAWN BY:	SCALE: 1" = 50.000'
DATE:	N.T.S.:

The claims are shown on the claim map 3 unit lengths southwest of their actual location on the ground.

LOCATION AND ACCESS

The property is located 7 miles northwest of Salmo, and is accessible by 3 miles of good logging road from the new Salmo-Castlegar highway. From the highway connection it is 17 miles to the H.B. mill.

GENERAL

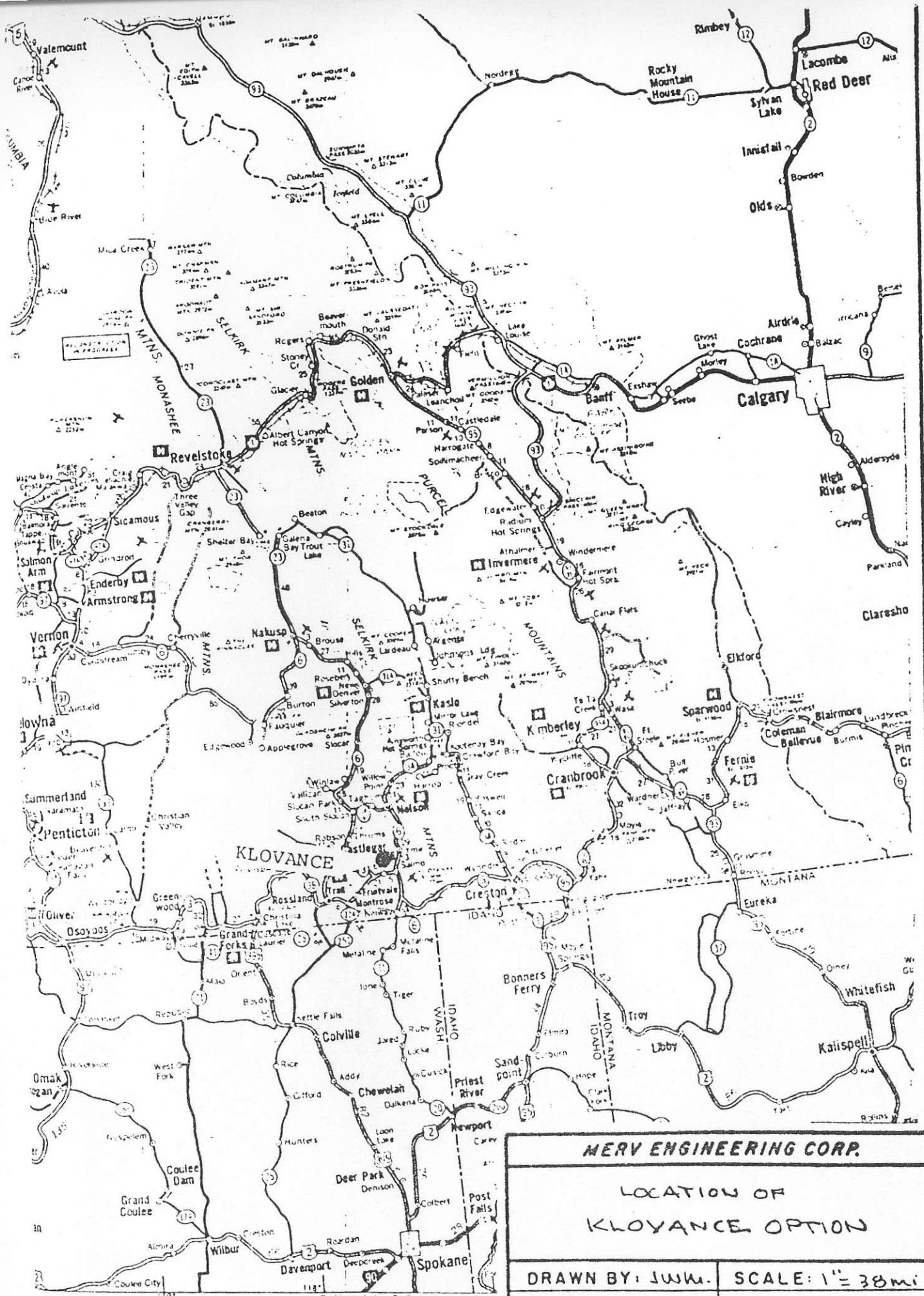
The claims were located by Joe Klovance on August 24, 1975. Mr. Klovance was building a logging road when he came across the old shaft.

To the east and north are a number of old Crown-Grants covering copper occurrences in hornfelsic sediments and silver-lead veins on McKay Creek. The June 1 and 2 claims are owned by Amax and cover a porphyry molybdenum showing.

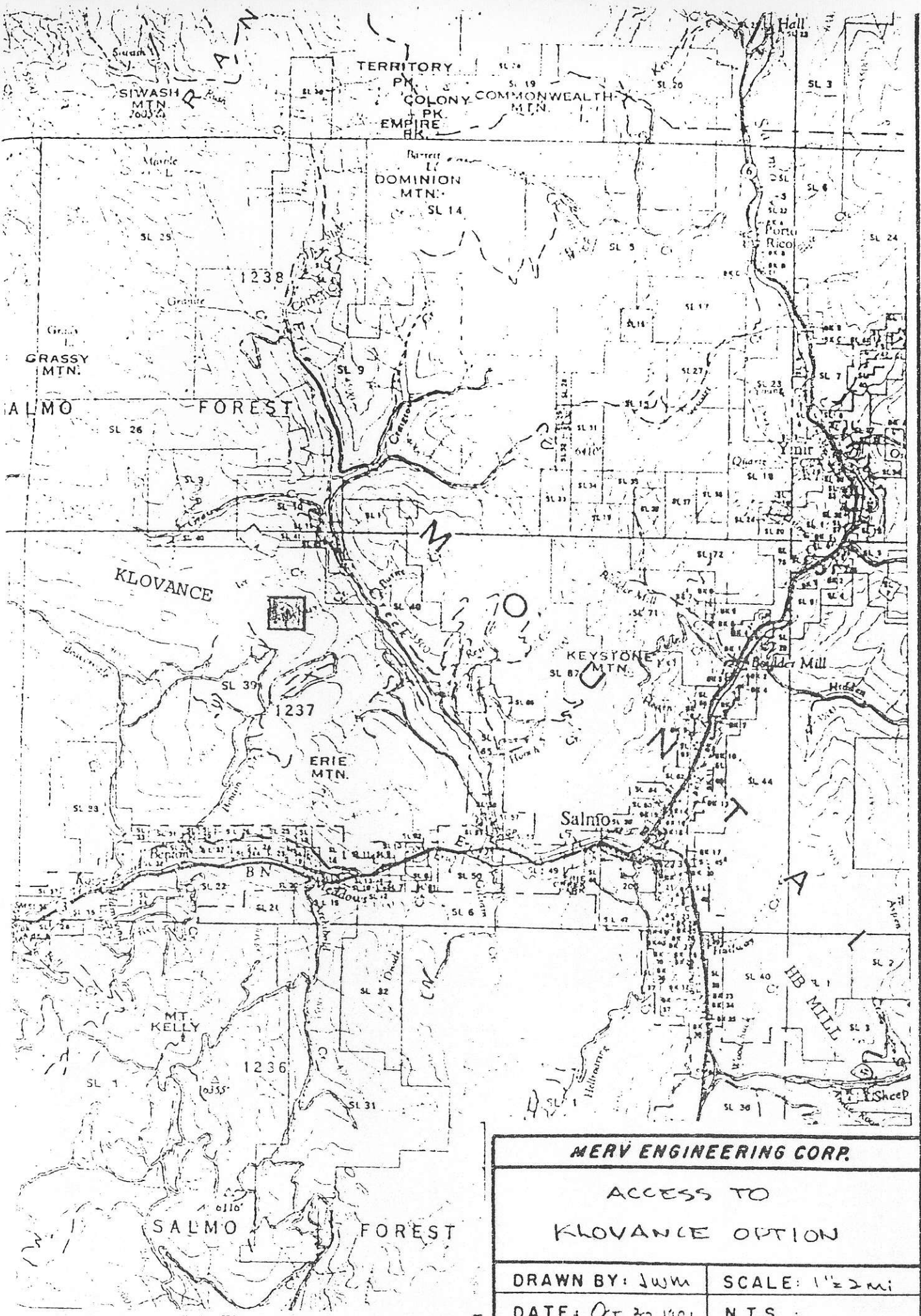
The L.C.P. for the four claims is located at the southwest corner of the old shaft at elevation 4700 feet on the ridge between Skillet and McKay Creeks.

Klovance opened up the east side of the 30 foot shaft to create an open cut.

In 1980 Silver Standard examined the workings and carried out a soil survey over a small area.



MERV ENGINEERING CORP.	
LOCATION OF KLOYANCE OPTION	
DRAWN BY: J.W.W.	SCALE: 1" = 38 mi.
DATE: Oct 30, 1961	N.T.S. :



MERV ENGINEERING CORP.	
ACCESS TO KLOVANCE OPTION	
DRAWN BY: JWM	SCALE: 1" = 2 mi
DATE: Oct 30, 1981	N.T.S. :

GEOLOGY

The general geology is available in G.S.C. Memoir 308 by Little.

There is little rock exposure in the area, but overburden does not appear heavy since rock can be seen fairly frequently in road cut.

Stripping in the vicinity of the showing exposes mainly thinly bedded, much contorted argillite. Rhyolite is exposed by the road just west of the shaft and a quartz-feldspar dike is uncovered by the cut trench on Line 1 + 00E.

Little's map suggests that the south part of the claims should be underlain by Rossland Volcanics.

MINERAL OCCURRENCE

The mineral occurrence consists of an old shaft sunk on a brecciated argillite mineralized with galena, sphalerite and magnetite. The breccia is of limited lateral extent and occurs in small patches with no definite attitude. A sample across 1.5 feet of the best mineral in the shaft assayed 14.6 Oz. Ag, 4.27% Pb and 4.62% Zn.

The Silver Standard geochemistry shows anomalous values to the south of the exposed mineralization suggesting either an extension of the known showing or another zone under the overburden in this direction.

GEOPHYSICS

The mag survey indicates that the mineralization in the vicinity of the shaft is very limited.

Anomalous readings are obtained 50 to 100 m. south of the shaft which tends to confirm the interpretation of the Silver Standard geochemistry.

The S.P. and E.M. 16 test gave positive readings but are more likely to be the result of the presence of graphitic argillite than sulphides.

GEOCHEMISTRY

The soil samples taken at 25 m. interval on Lines 50 m. apart, confirmed the Silver Standard anomaly and located another silver-lead-zinc anomalous area with higher values than those obtained in the vicinity of the showing.

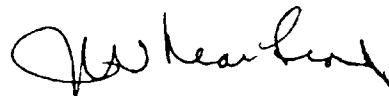
RECOMMENDATIONS

The initial follow-up of the magnetic and geochemical indications obtained should be by cat work.

It is estimated that three days of cat work at a total cost of \$ 5,000 should determine if diamond drilling will be required to further evaluate the anomalies.

If this work is successful in the location of new minerals of interest, consideration should be given to an extensive geochemical program.

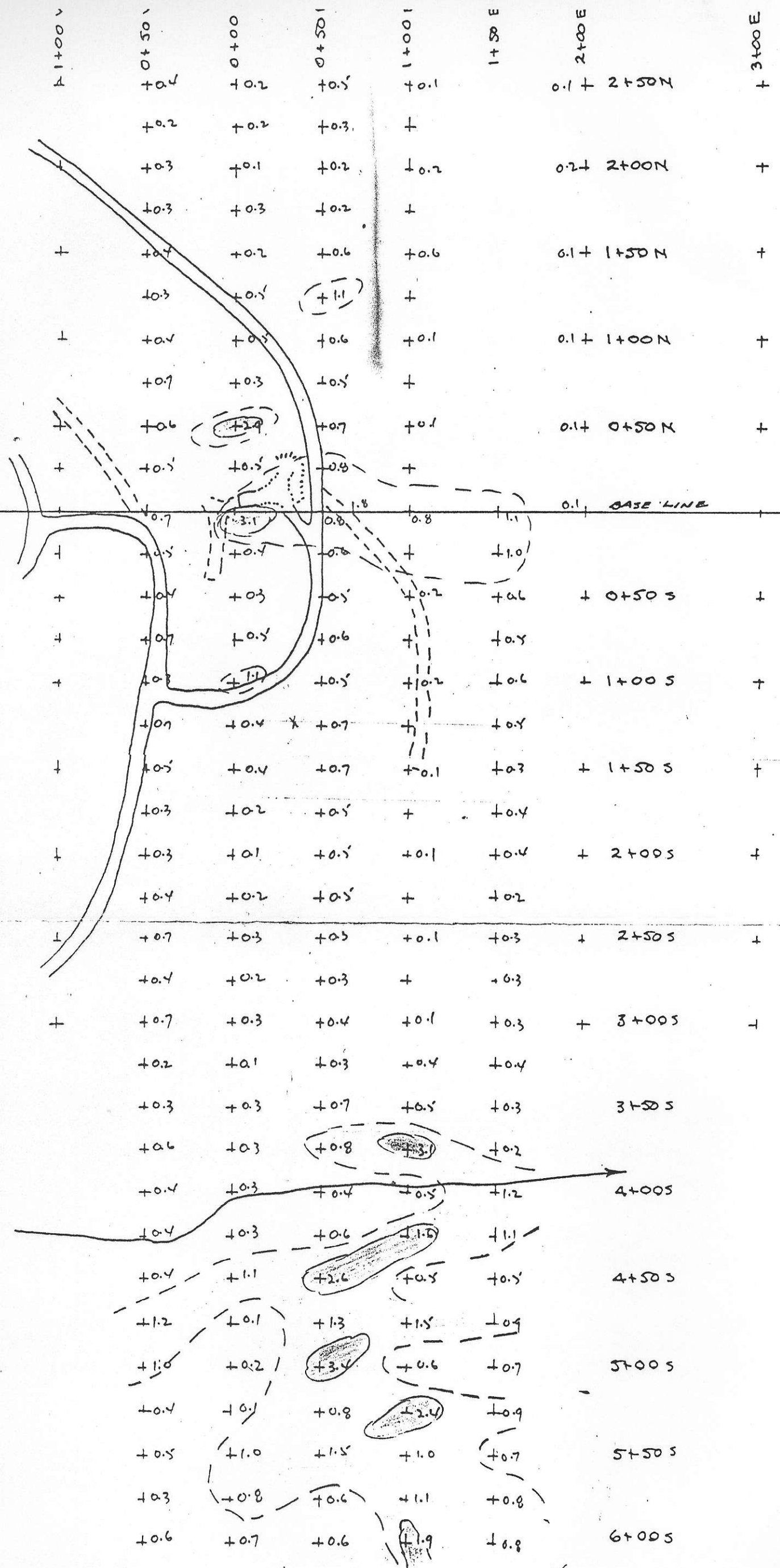
Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J.W. MacLeod', written in a cursive style.

J.W. MacLeod, P.Eng.

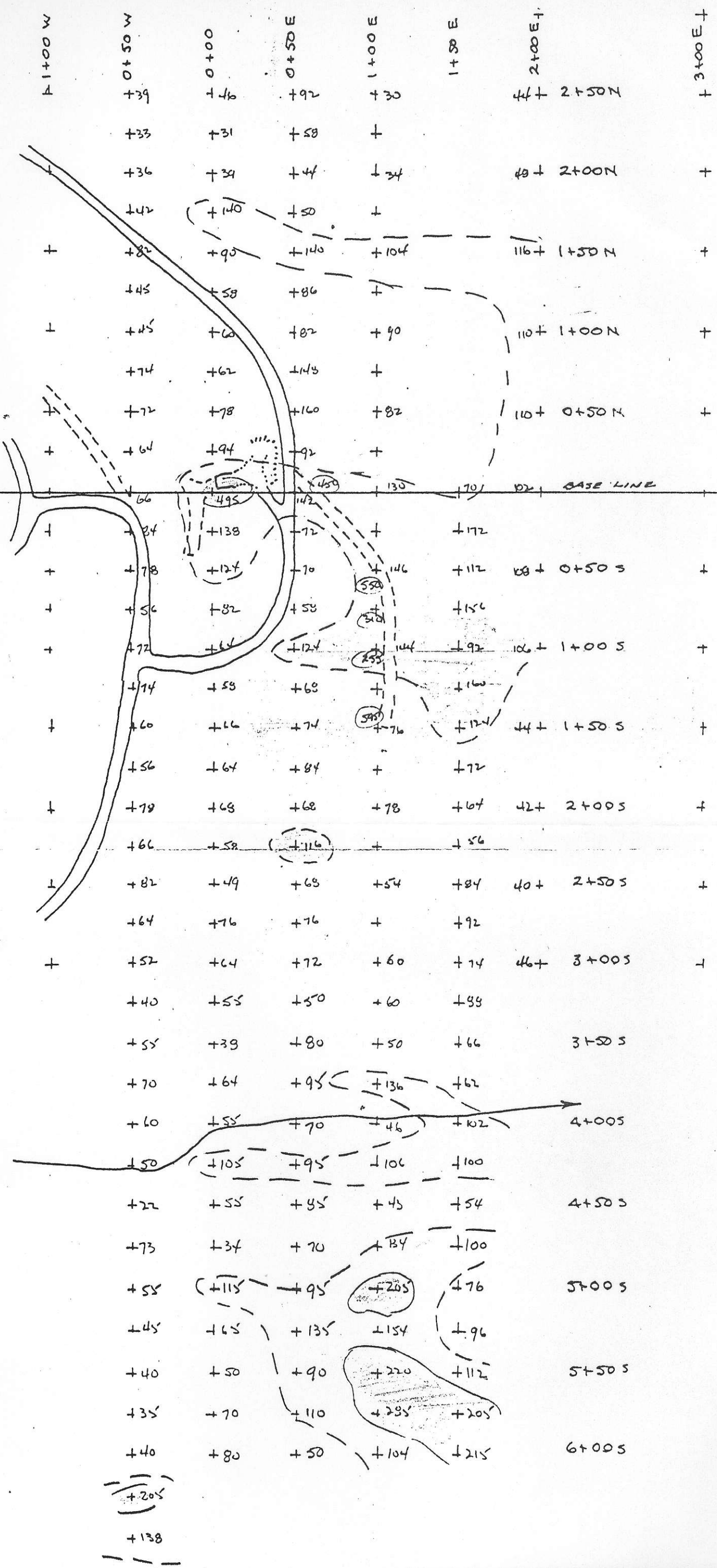
Vancouver, B.C.

30 October 1981



() + 0.8 P.P.M.
 (●) + 1.6 P.P.M.

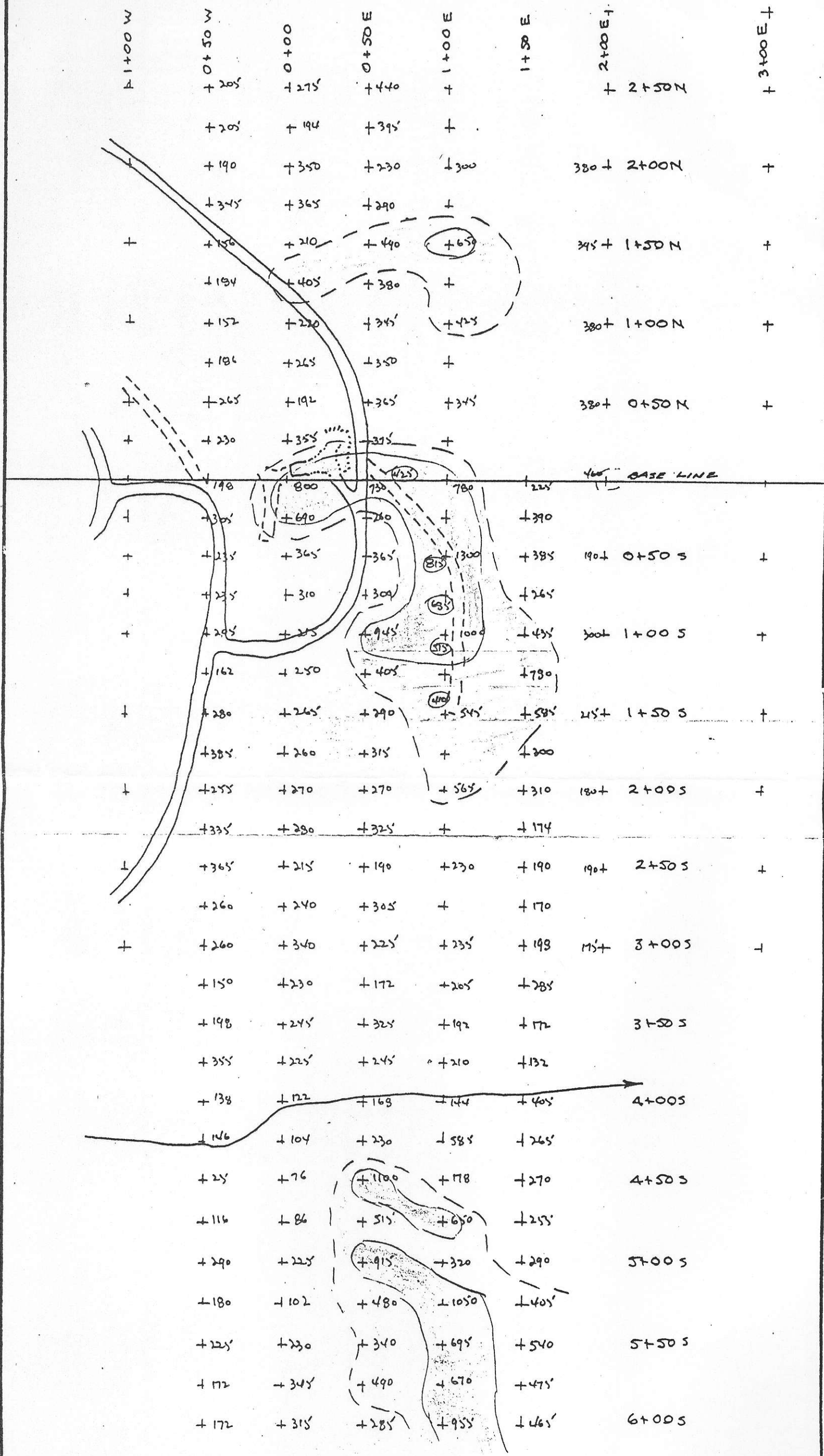
DAVID MINERALS LTD
 KLOVANCE OPTION
SILVER in SOIL



+205
+138
+35
+34
+55

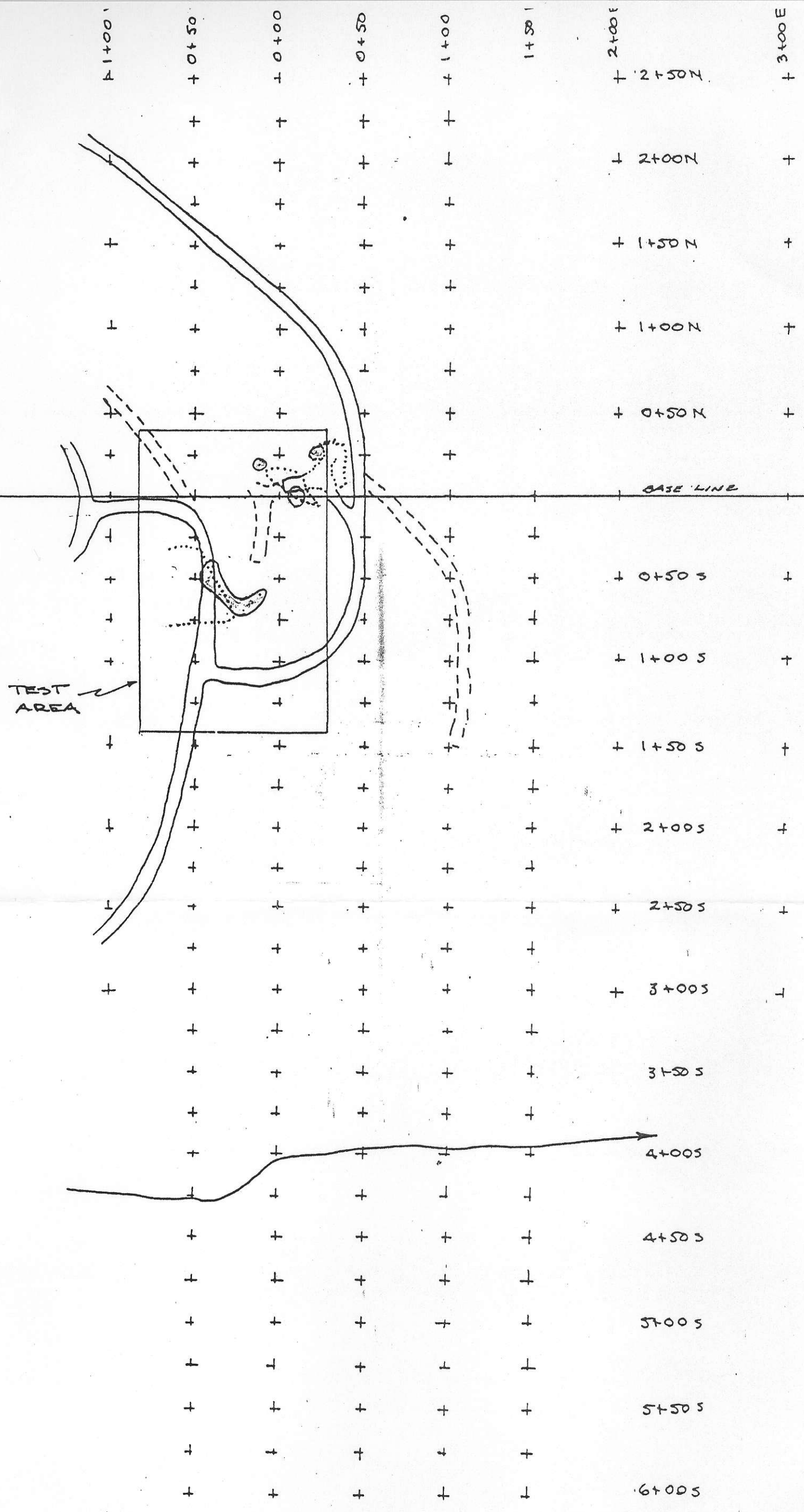
(---) +100 P.P.M.
(---) +200 P.P.M.

DAVID MINERALS LTD
KLOVANCE OPTION
LEAD in SOIL



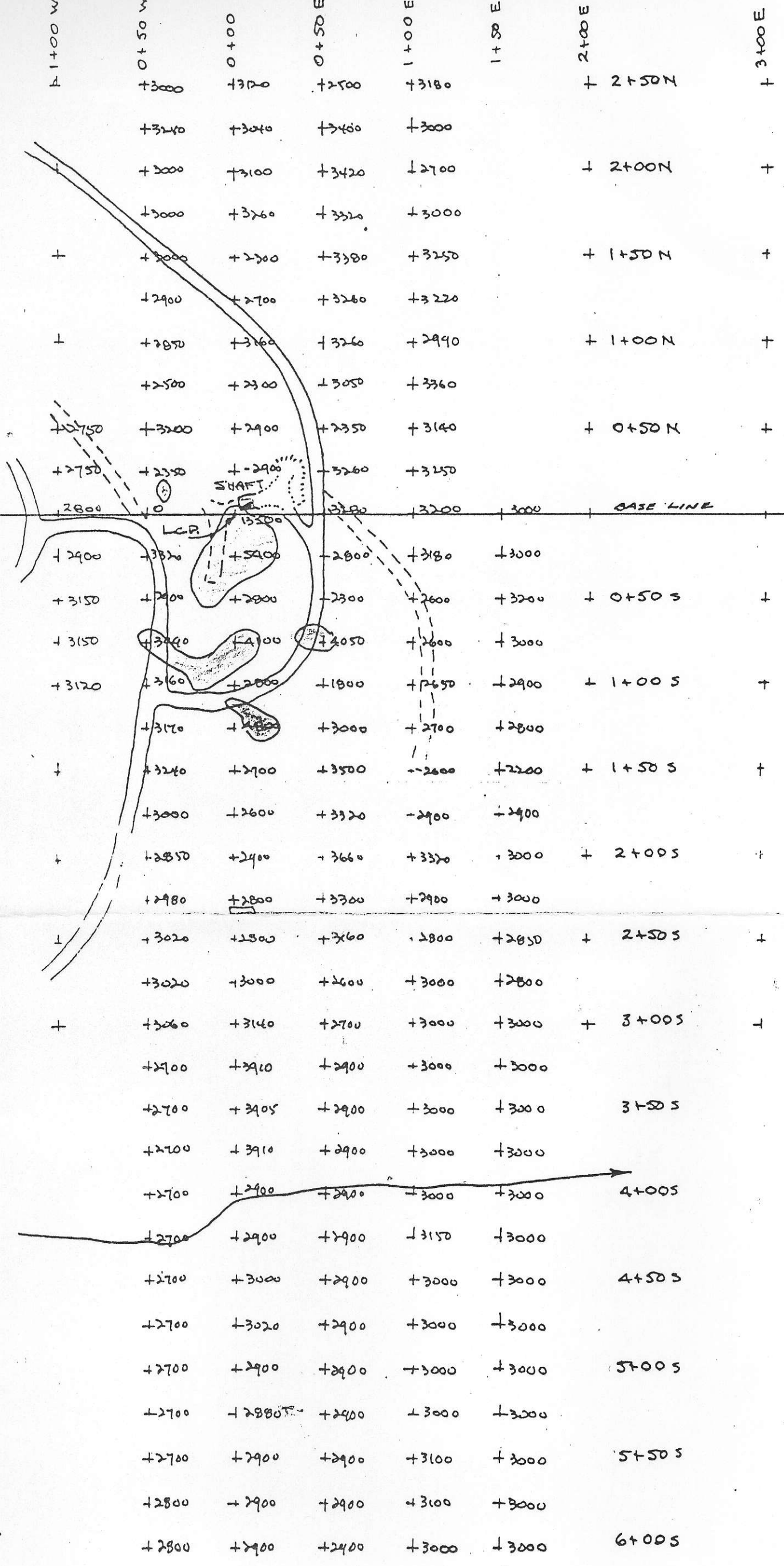
(---) + 400 P.P.M.
 (---) + 800 P.P.M.

DAVID MINERALS LTD
 KLOVANCE OPTION



○ EM ANOMALY
 ⊙ SP ANOMALY

DAVID MINERALS LTD KLOVANCE OPTION	
EM & SP TEST	
DRAWN BY : J M	SCALE 1:2500



+4000
 --- CAT TRENCH

DAVID MINERALS LTD
 KLOVANCE OPTION

MAG SURVEY