

63.4331



52J02NE0027 52J02NE0060 BECKINGTON LAKE

010

PROPOSED
EXPLORATION
PROGRAM
ON THE
BECKINGTON LAKE PROJECT
OF
CALPETRO RESOURCES INC.

HAGAR RESOURCES INCORPORATED
DELAWARE RESOURCES CORPORATION

PATRICIA MINING DIVISION
KENORA DISTRICT
NTS. 52J2

OM 83 - 2 - JV - 228

Prepared by:
Jens E. Hansen, P.Eng.
Geotest Corporation
Nepean, Ontario
September 15, 1983

INTRODUCTION

The Beckington Lake Project of 71 claims, comprises three properties held by Calpetro Resources Inc. - 19 claims, Hagar Resources Incorporated - 22 claims and Delaware Resources Corporation - 30 claims. Engineering reports have been prepared for each of the individual properties, listed in the references and detailed programs recommended based on a nearby gold discovery by Steep Rock Mines. The project area is shown on Plan Map 1740, a copy of which is attached.

The Steep Rock discovery generated considerable news during the winter of 1982-83 but very little has been heard since then. The project area has geology which according to the maps appears to be similar to the discovery and the St. Anthony deposit located approximately 10 kilometres to the south.

There is a potential for locating gold deposits within the project area but prior to undertaking the detailed programs, it is suggested that a reconnaissance program be undertaken in order to more accurately map the geologically favourable contact between the Lewis Lake Batholith and the adjacent band of mafic volcanics which contains the above deposits and numerous other gold showings. Soil and rock geochemistry should be carried out along this contact. Some reconnaissance geophysics should be carried out to evaluate the effectiveness of these techniques, particularly where earlier, regional surveys have encountered anomalous magnetics or electromagnetics.

The project outline is shown on the attached copy of a portion of Preliminary Geological Map P.842. This map also shows the approximate location of a diamond drill hole by Hudsons Bay Oil and Gas in 1974 to intersect an EM conductor. The conductive zone was analyzed for several elements including gold with insignificant results. There is no evidence of any other work in the region.

PROCEDURES AND RECOMMENDATIONS

The most significant gold mineralization in the area, including the Steep Rock discovery, appears to be related to shear zones and VLF-EM is the most effective manner for locating such shears. Magnetics has been helpful in mapping geology.

According to the geological maps, there appears to be relatively abundant outcrop hence the contact of the Lewis Lake Batholith with mafic volcanics should be mapped. Anomalous zones detected by VLF and magnetics should also be checked, particularly a mapped northwest shear roughly coincident with a magnetic anomaly in the northern part of the property.

Humic geochemical sampling has apparently been very effective in the Hemlo and the Abitibi regions. The Sturgeon Lake Area was under the waters of Lake Agassiz until geologically recently hence this technique may be less applicable here, it should nevertheless be attempted at certain locations. Geochemical sampling should be conducted on zones of anomalous geophysics.

For the reconnaissance program it is suggested that the geophysics and geochemistry be conducted on flagged lines using the claim lines for reference and pace and compass techniques for orientation. Selected portions of the property will be covered using a nominal line spacing of 125 metres.

Depending on the results of the reconnaissance program and other developments in the area, a detailed exploration program should be conducted at a later date.

ESTIMATED COST OF RECOMMENDED PROGRAMS

1. Geological Mapping

12 days at \$300.00 per day (including supplies, accommodation and local transport) \$ 3,600.00

2. 30 line kilometres of VLF-EM and Magnetics at

\$225.00 per line kilometre \$ 6,750.00

3. 20 man days of geochemical sampling and assistance to the geologist at \$175.00 per day

(all inclusive) \$ 3,500.00

4. 500 geochemical samples at \$9.00 per analysis

for gold only \$ 4,500.00

5. Transportation

\$ 1,000.00

6. Equipment rental

14 days at \$75.00 per day \$ 1,050.00

7. Supervision, report and maps

(including preparing assessment documents) \$ 4,000.00

\$24,400.00

PROJECT PARTITION

The project costs will be shared equally by:

.../..4

| | |
|--------------------------------|------------------------|
| Calpetro Resources Inc. | - 33 1/3% = \$8,133.30 |
| Hagar Resources Incorporated | - 33 1/3% = \$8,133.30 |
| Delaware Resources Corporation | - 33 1/3% = \$8,133.40 |

Respectfully submitted:

J. Hansen
JENS E. HANSEN, P.Eng.
Nepean, Ontario
September 15, 1983



PROJECT PARTICIPANTS AND BIBLIOGRAPHY

The Beckington Lake Project consists of three contiguous properties:

1. CALPETRO RESOURCES INC. - 19 claims

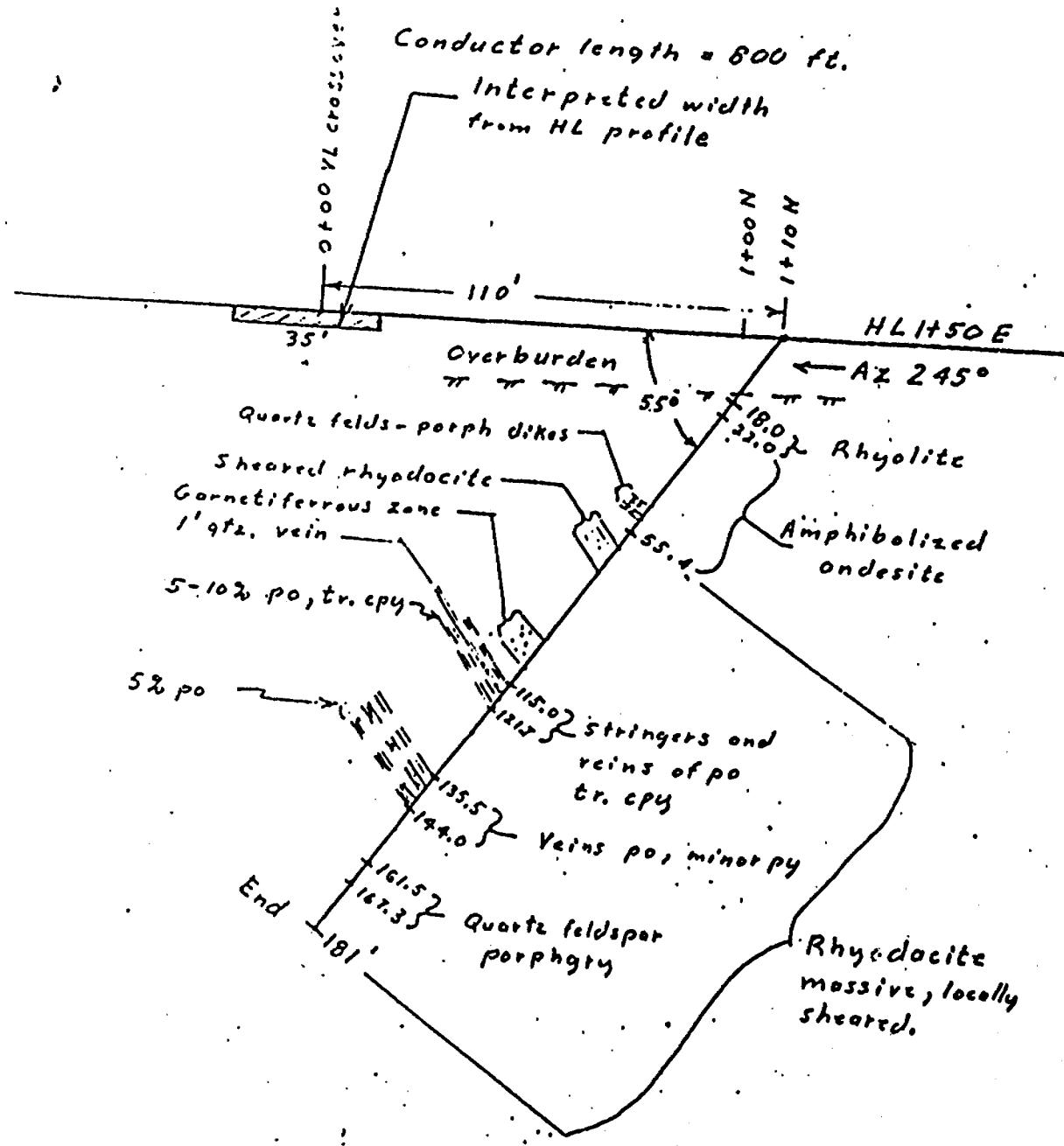
Reference: Report on Property of CALPETRO RESOURCES INC., Sturgeon Lake Area : by Ross Kidd, P Eng. April 11, 1983.

2 HAGAR RESOURCES INCORPORATED - 22 claims

Reference: Report on the Geology and Gold Potential of the Beckington Lake #2 Property Sturgeon Lake Gold Area : by A.J. Willy, P.Eng., A.C.A. Howe International Limited, May 1983.

3. DELAWARE RESOURCES CORPORATION - 30 claims

Reference: Report on the Geology and Gold Potential of the Beckington Lake #1 Property, Sturgeon Lake Gold Area : by G.W. Felderhof, B.Sc., A.C.A. Howe International Limited, May 13, 1983.



BEST ASSAY
135.5'-190.0' = 9.5'
Au < 0.003 oz.
Ag 0.04 oz.
Cu 100 ppm (.01%)
Zn 500 ppm (.05%)

DRILL HOLE SECTION
(Looking N 25° W)
DDH S-A-73-1
AIRSTRIP GROUP
Savant Lake Project
Feb. 27, 1974 By: P. Lassila

Scale: 1" = 40'

40'

NORTHEAST ARM - SQUAW LAKE SHEET

1" = 1/4 mi.

1" = 1/4 mile
Geology

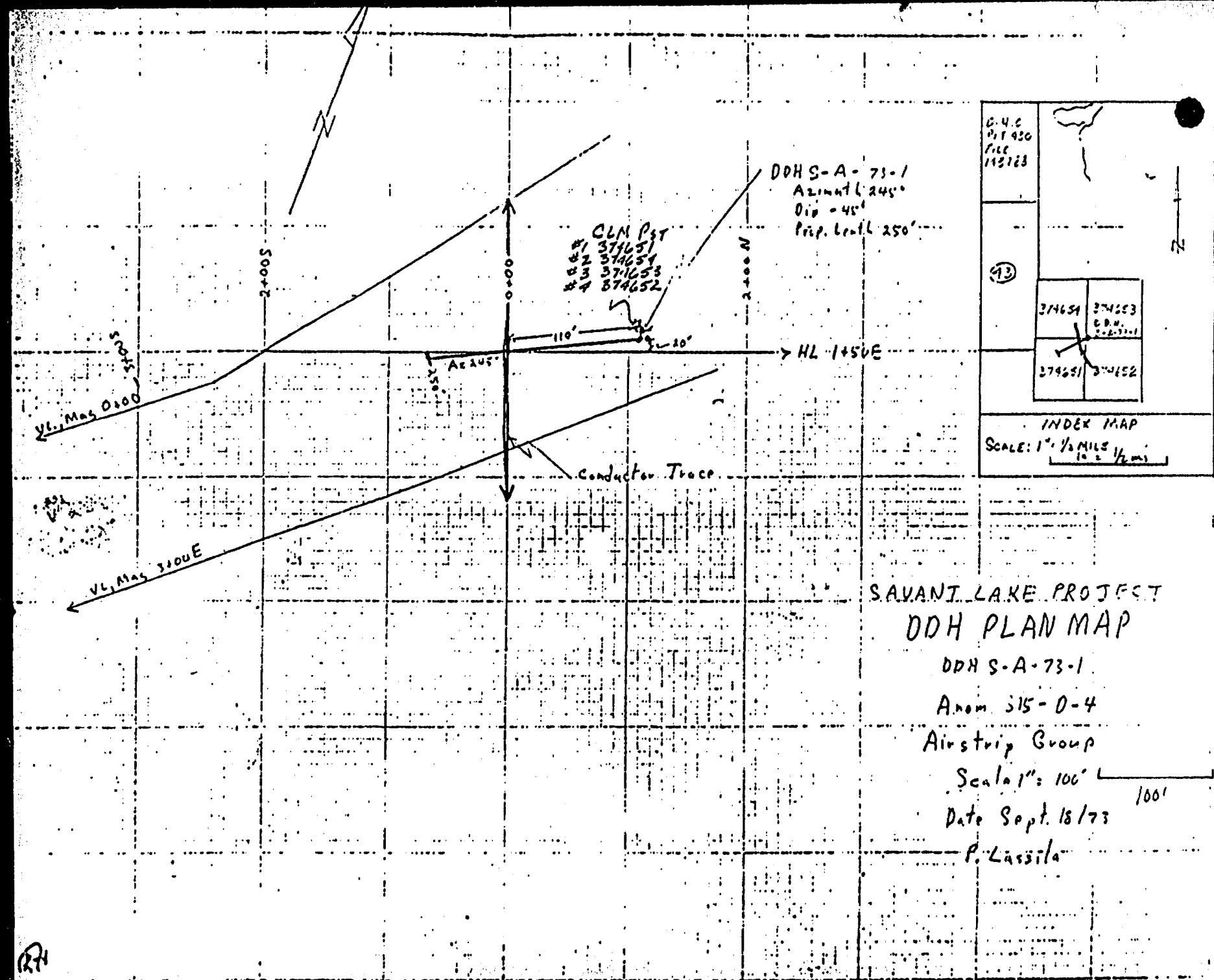
from MAP P968

BOUNDARY

COLOUR

NAPORT

DON
N 806



S.AVANT LAKE PROJECT
DDH PLAN MAP

DDH S-A-73-1

Anom. S15-D-4

Airstrip Group

Scale 1": 100' 100'

Date Sept. 18/73

P. Lassila

116

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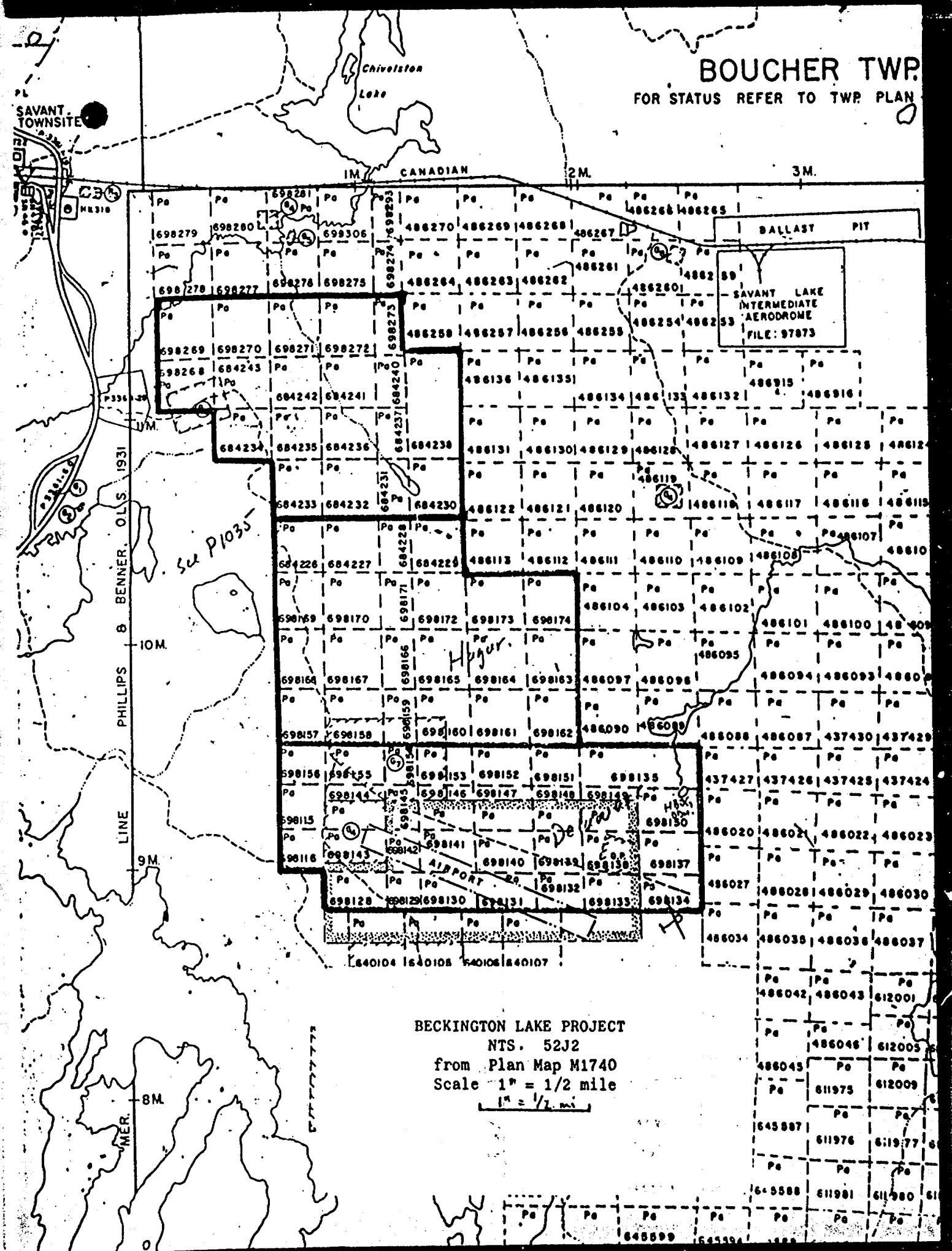
THIS SUBMITTAL CONSISTED OF VARIOUS REPORTS, SOME OF WHICH HAVE BEEN CULLED FROM THIS FILE. THE CULLED MATERIAL HAD BEEN PREVIOUSLY SUBMITTED UNDER THE FOLLOWING RECORD SERIES (THE DOCUMENTS CAN BE VIEWED IN THESE SERIES):

- ① Work Report on the Beckington Lake ⇒ See Toronto File # 2-6340 Property, J.E. Hansen, Jan./84 + 4 Drawings labelled "Sheets 1-4, Map #1"

Feb/86

BOUCHER TWP.

FOR STATUS REFER TO TWP PLAN

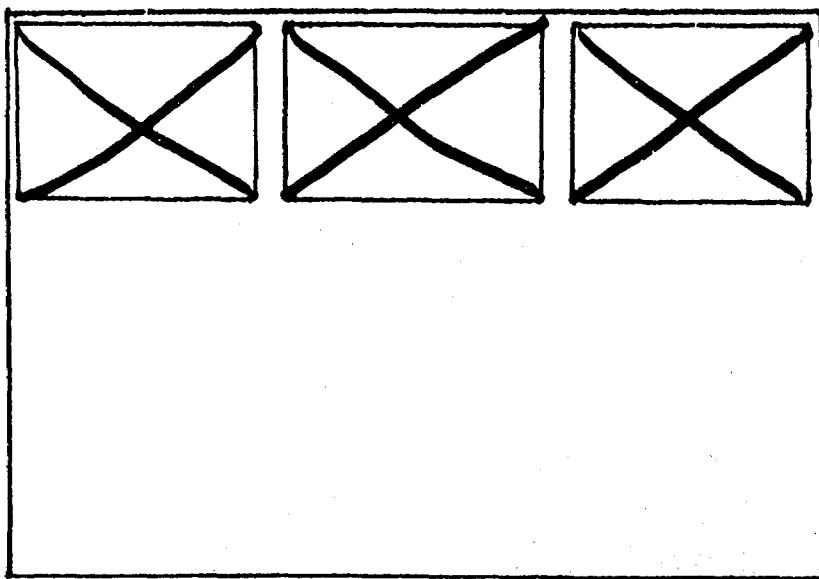


**SEE ACCOMPANYING
MAP(S) IDENTIFIED AS**

523/02NE-0060#1-3

**LOCATED IN THE MAP
CHANNEL IN THE
FOLLOWING SEQUENCE**


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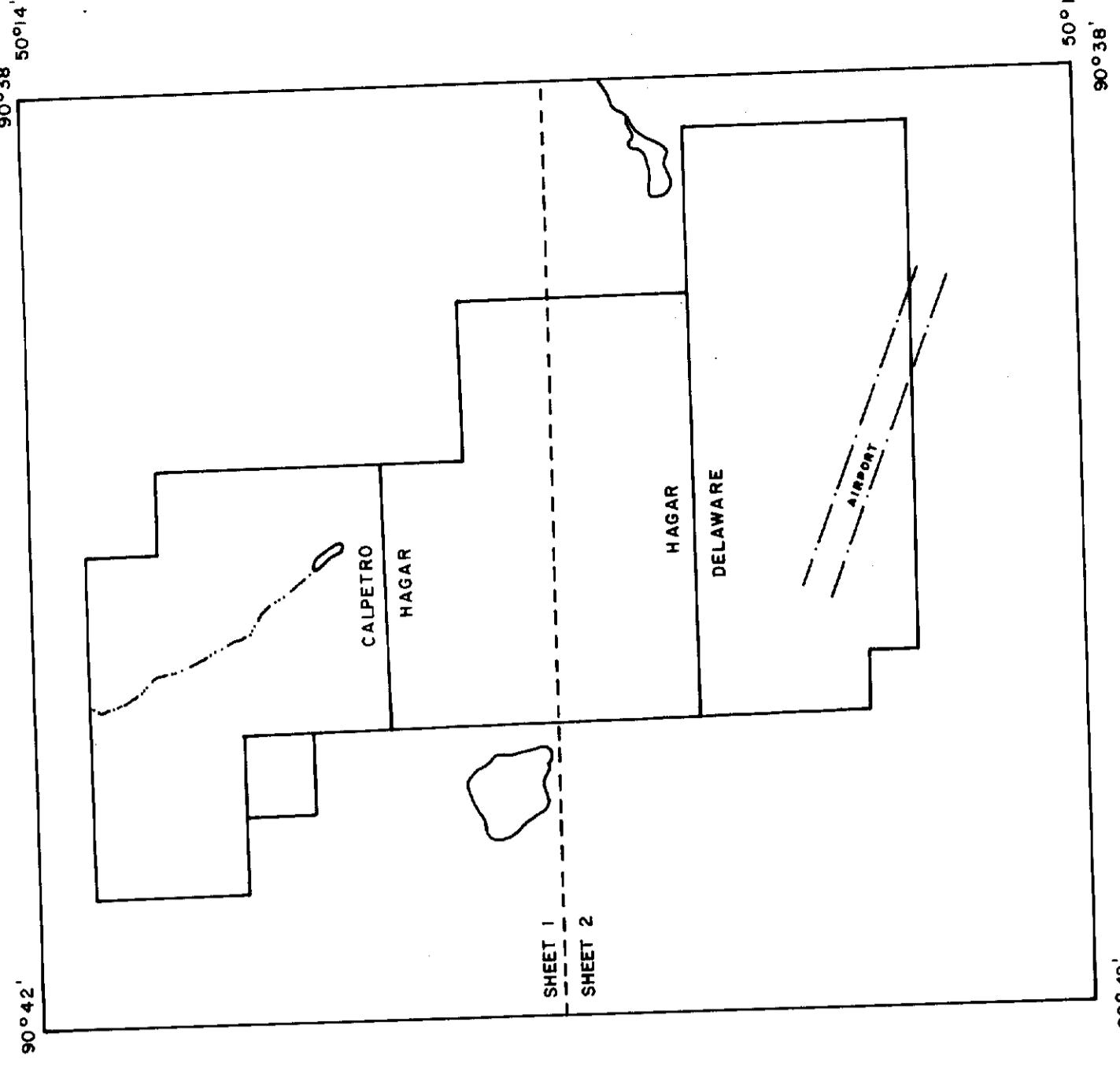


**FOR ADDITIONAL
INFORMATION**

SEE MAPS:

523/02NE-0060 4-8



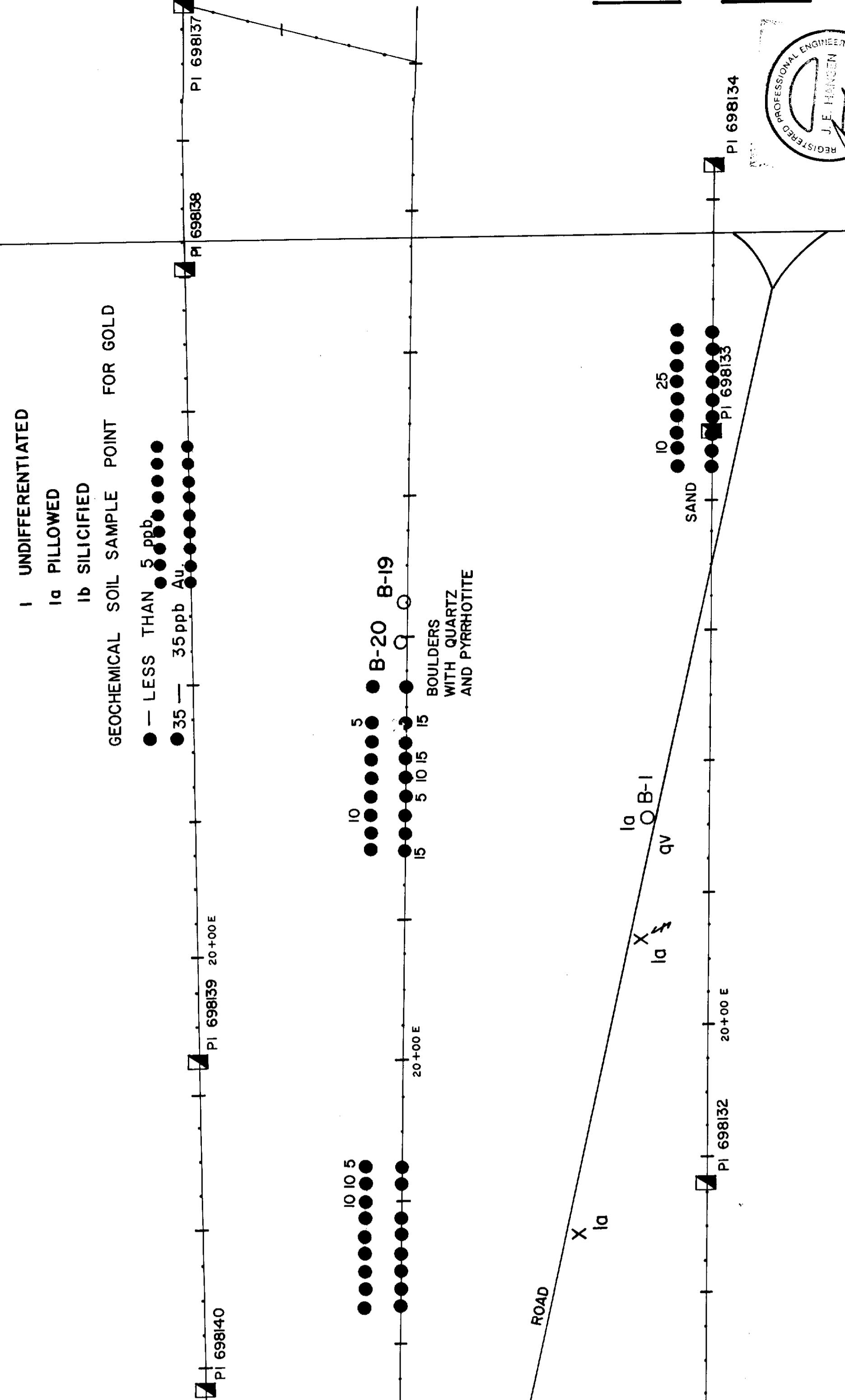


PROPERTY BOUNDARY

GEOLOGY

Legend:

- X OUTCROP, LARGE, SMALL QUARTZ VEN OR LENS
- qV FOLIATION, HORIZONTAL SAMPLE NO BECK I (ROCK SAMPLE)
- OB1 GRANITE - VOLCANIC CONTACT
- 3 GRANODIORITE
- 2 FELIC VOLCANICS
- 1 MATIC VOLCANICS
- UNDIFFERENTIATED D
- Ia PILLOWED
- Ib SILICIFIED
- GEOCHEMICAL SOIL SAMPLE POINT FOR GOLD
- LESS THAN 5 ppb Au
- 35 ppb Au



CALPETRO RESOURCES INC.
HAGAR RESOURCES INCORPORATED
DELAWARE RESOURCES CORPORATION
BECKINGTON LAKE PROJECT
NTS 52 J2 634331

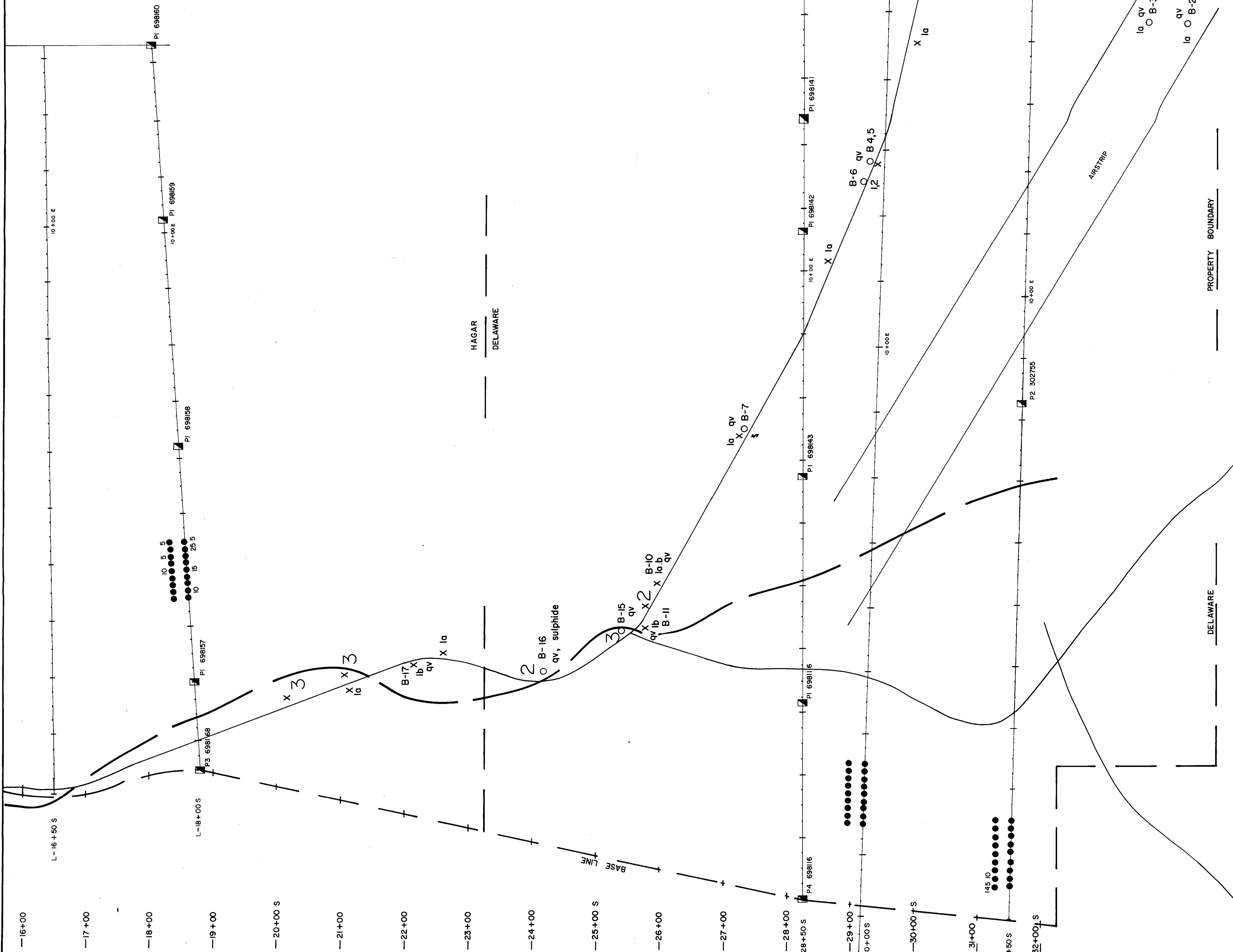
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DATA PARAMETERS

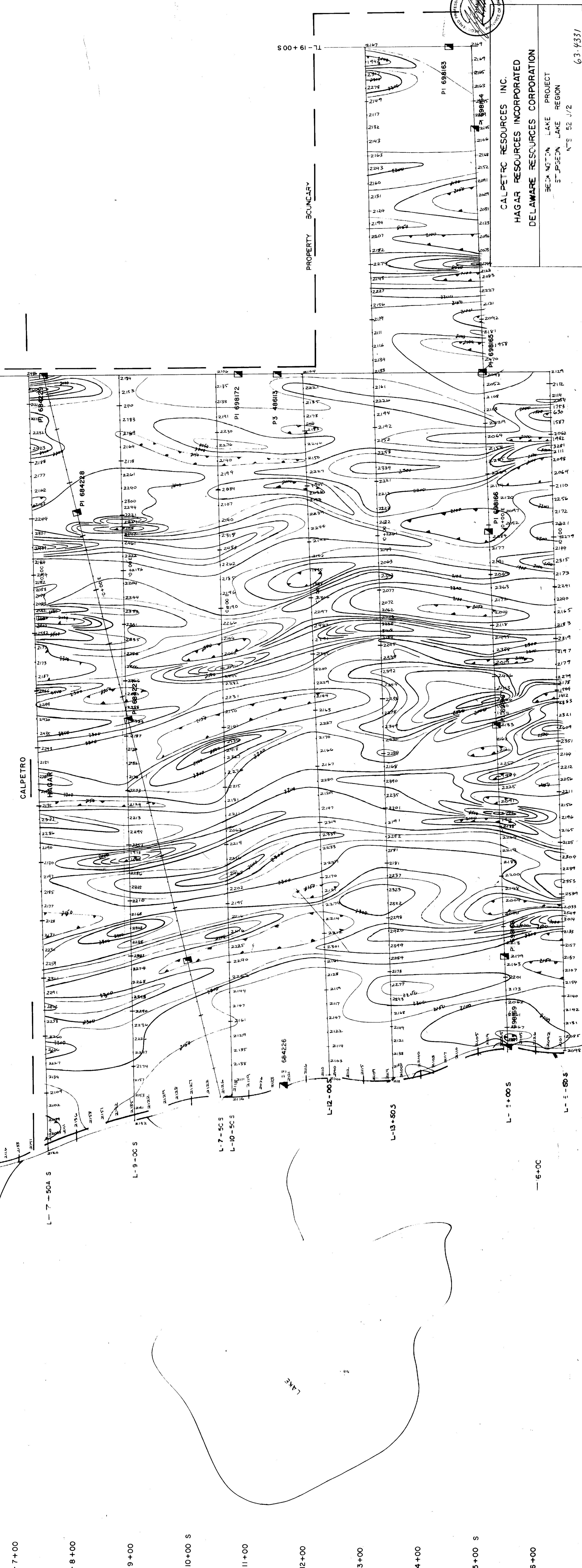
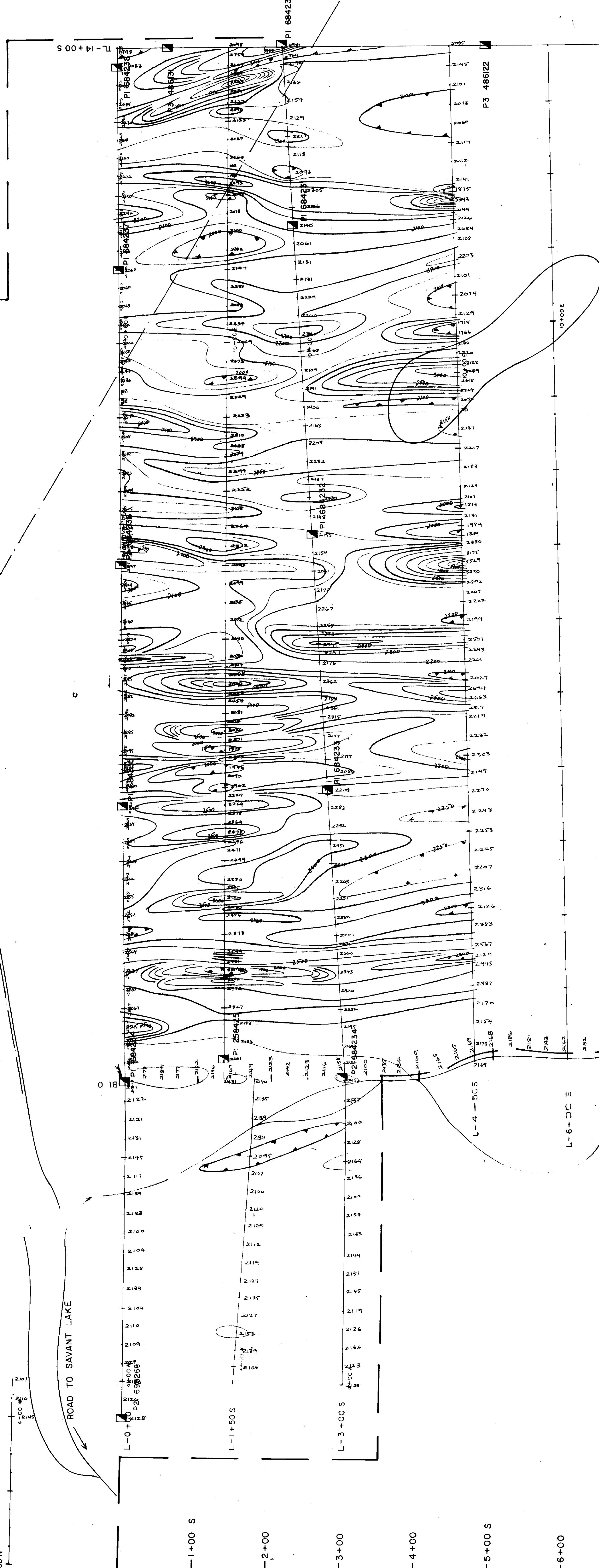
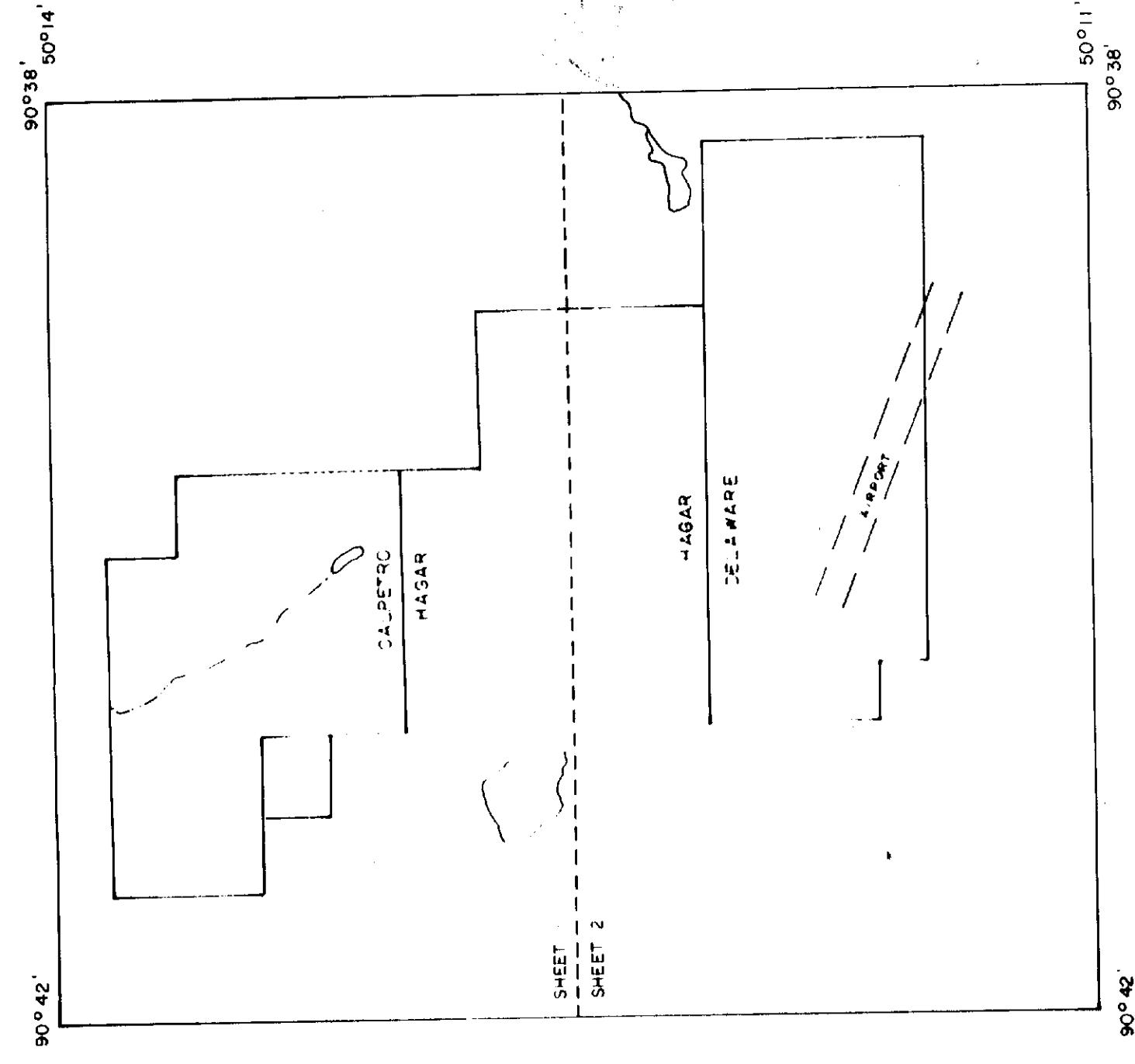
NOTE: HORIZONTAL CONTROL WAS BY
COMPASS, PACING AND FLAGGING,
WITH TIE IN TO TIE LINES AND
CLAIM POSTS

SURVEYED BY — J. HANSEN, J. MCCORMICK
REPORT BY — GLOTEST CORPORATION
DATE — DECEMBER 1983
PROJECT — 60-088
SCALE — 1:2500



525/02 NE-0060, #2



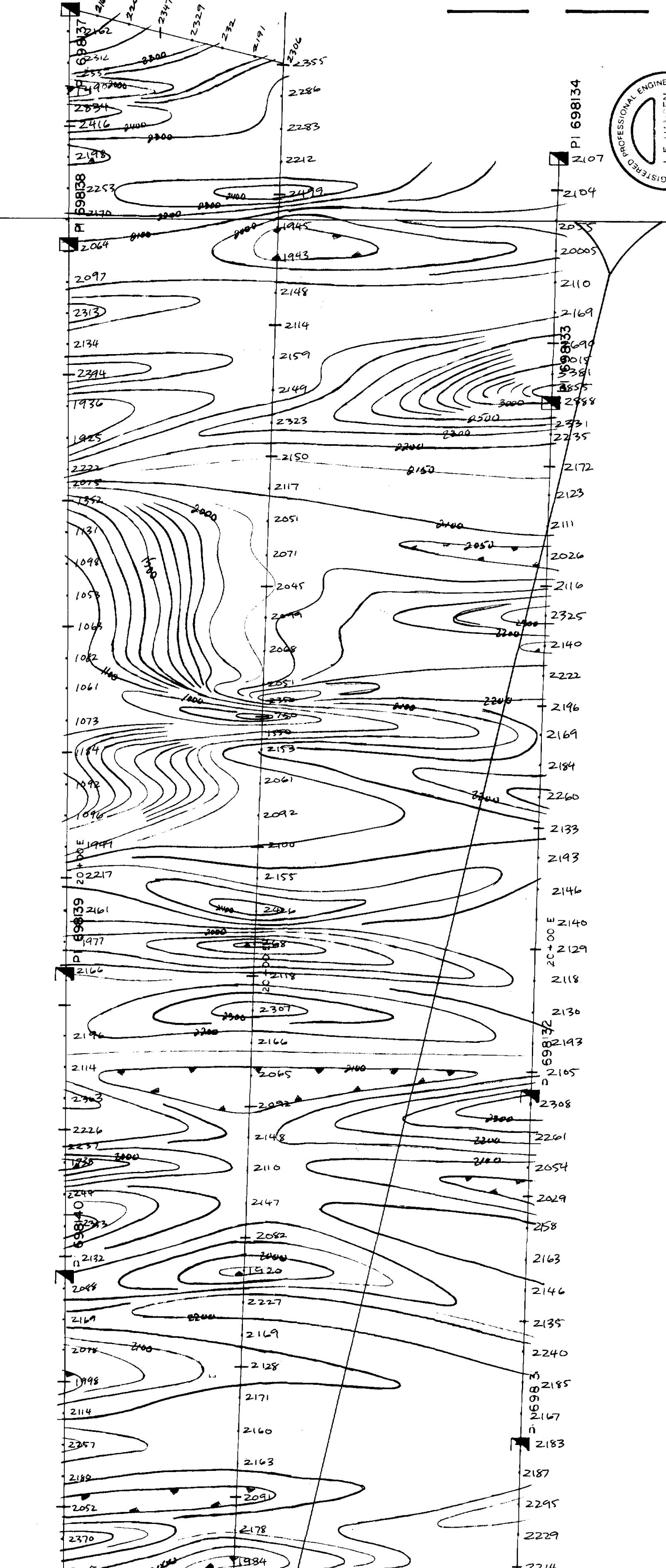
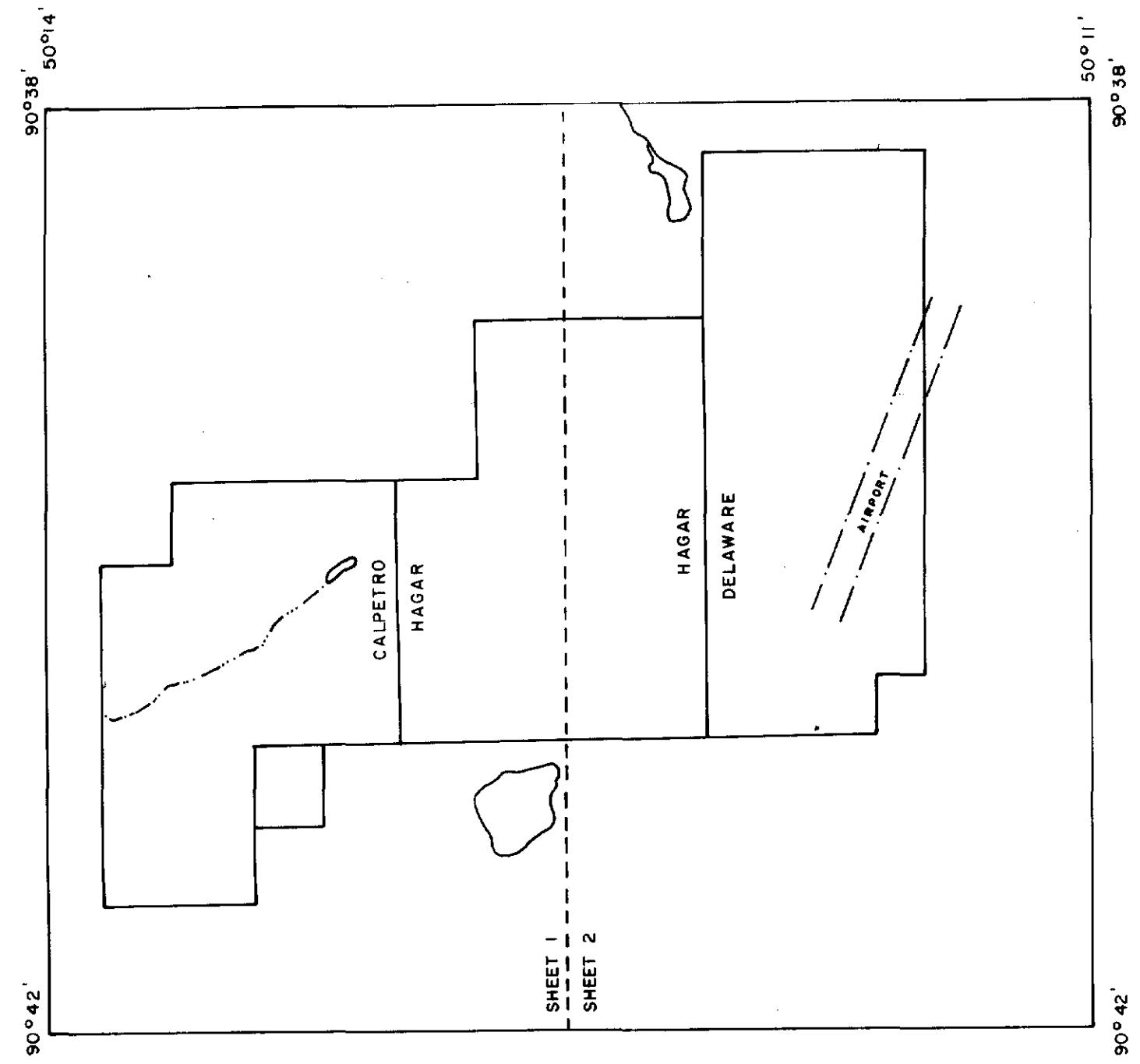


SURVEY — PROTON MAGNETOMETER (UNIMAG II)
 DATA — MAGNETIC CONTOURS
 PARAMETERS — CONTOUR INTERVAL IN GAMMAS AS SHOWN ON MAP
 SURVEYED BY — 58000 gammas ~~subtracted~~ from all readings
 REPORT BY — J. HANSEN, J. McCORMICK
 DATE — DECEMBER,
 PROJECT — 60-088
 SCALE — 1:2500

NOTE HORIZONTAL CONTROL WAS BY
COMPASS, PACING AND FLAGGING,
WITH TIE IN TO TIE LINES AND
CLAIM POINTS.

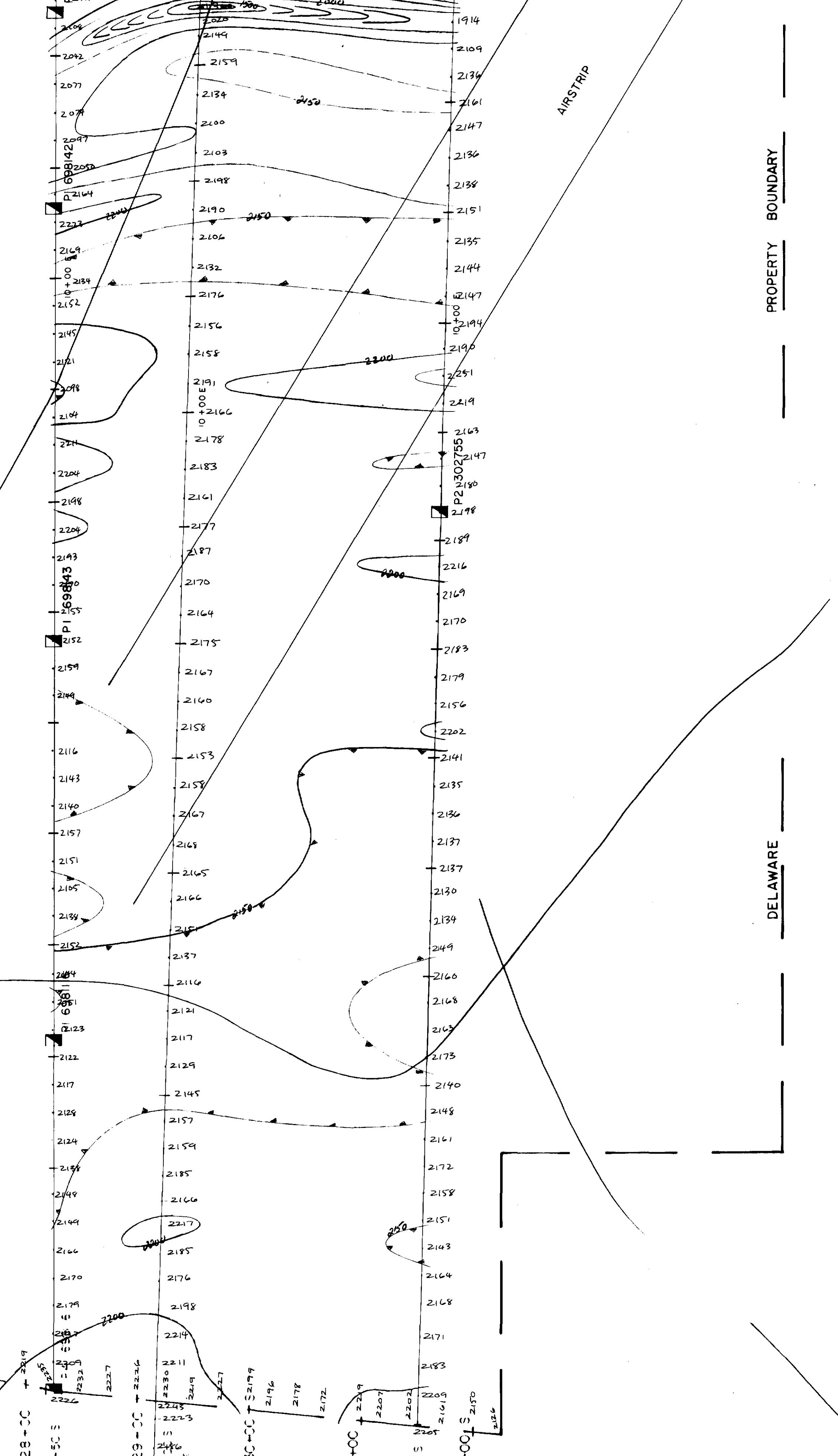
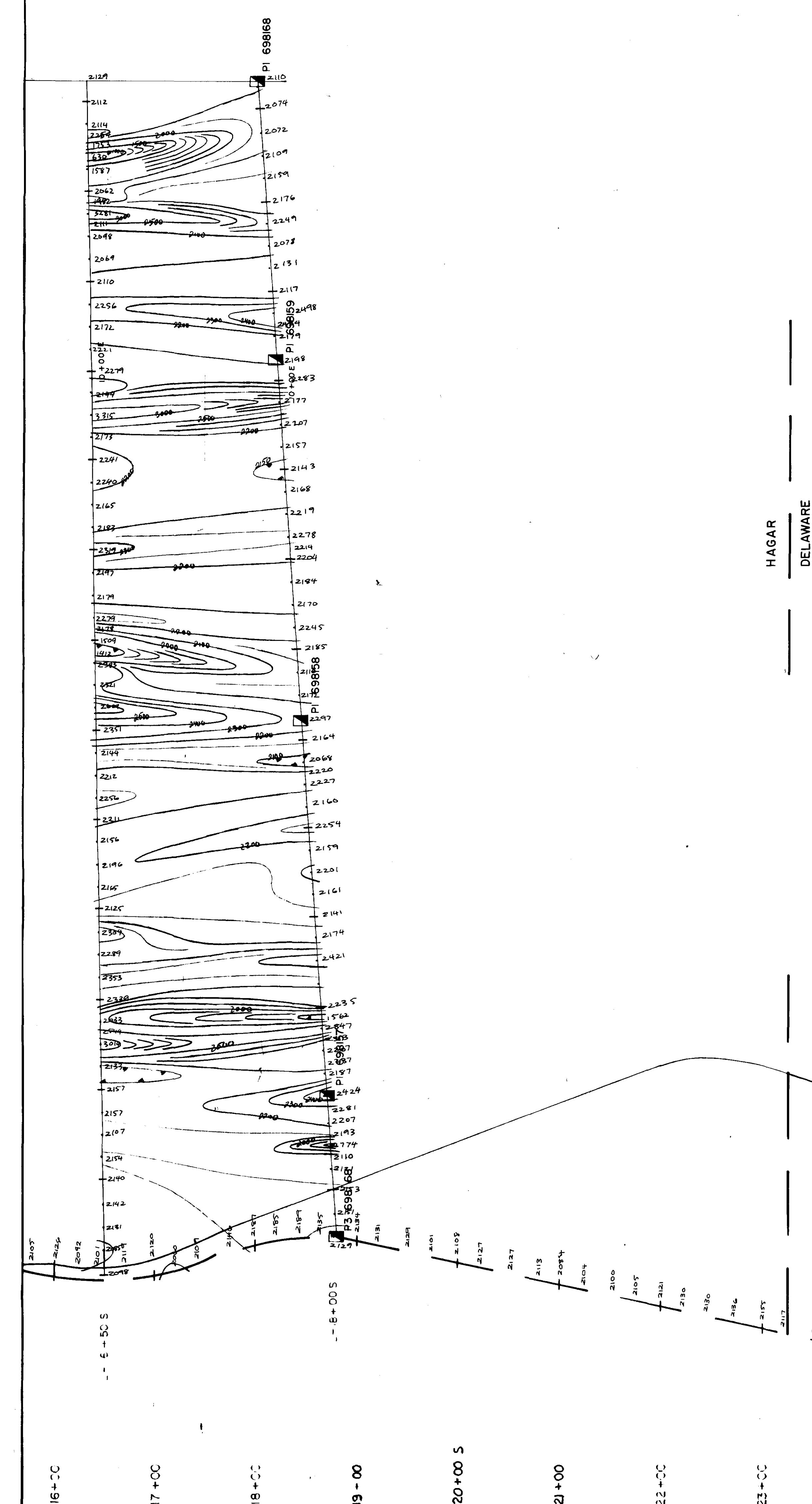
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52J02NE0027 52J02NE0050 BECKINGTON LAKE



CALPETRO RESOURCES INC.
HAGAR RESOURCES INCORPORATED
DELAWARE RESOURCES CORPORATION

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| NTS | 52 J/2 | 63.4331 |
| SURVEY DATA PARAMETERS | — PROTON MAGNETOMETER (UNIMAG II) — MAGNETIC CONTOURS — CONTOUR INTERVAL IN GAMMAS AS SHOWN ON MAP | |
| SURVEYED BY REPORT BY | — 58000 gammas subtracted from all readings — J. HANSEN , J. McCORMICK | |
| DATE PROJECT | — DECEMBER , 1983 — 60-088 | |
| SCALE | — 1: 2500 | |
| MAP — SHEET — | | METRES FEET |
| | | 100 m 100 ft |





PROPERTY BOUNDARY


FOR CONTROL - CONTROL WAS BY
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525-102NE-0060, #7

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