

PSEUDOSECTION

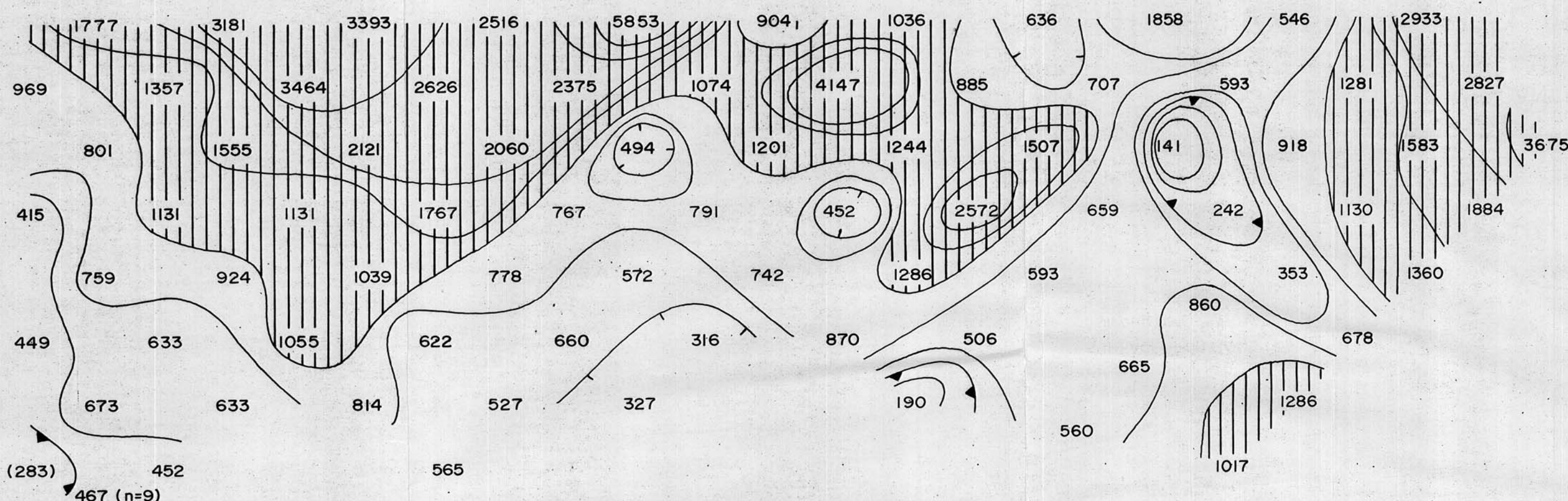
CONTACT - see Fig. 3
(UNIT 2) (UNIT 3)

72S 75S 78S 81S 84S 87S 90S TO EAST 93S 96S 99S 102S 105S 108S 111S 114S

A-4

A-5

LINE
A SOUTH
a = 300m



- n=1
- n=2
- n=3
- n=4
- n=5
- n=6
- n=7
- n=8
- n=9

INTERPRETED SECTION

Surface

METRES

-200
-400
-600
-800

GRANODIORITE

A-4

ANOMALY IS RESPONDING
FIRST TO CONDUCTIVITY ABOUT
300 M EAST OF OR UNDER THE
LINE, THEN TO FURTHER INCREASED
CONDUCTIVITY 500 M EAST OF OR
UNDER THE LINE.

AMBIGUOUS DUE TO LIMITED DATA

GRANODIORITE

A-5

ANOMALY DATA MAY BE
RESPONDING TO NEAR -
SURFACE PORTIONS OF
CONDUCTIVE STRUCTURES
AT THESE POINTS.

AMBIGUOUS DUE TO LIMITED DATA

INTERPRETATIONS BASED ON DATA AVAILABLE AT DECEMBER, 1980.

Surface

METRES

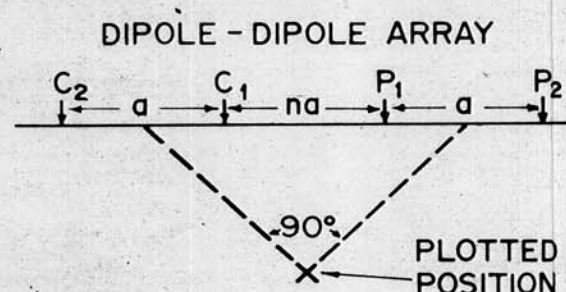
-200
-400
-600
-800

INTERPRETED SECTION

- 500 INTERPRETED
TRUE RESISTIVITY
IN OHM-METRES
- RESISTIVITY CONTACT
 - PROBABLE RESISTIVITY
CONTACT OR TRANSITION
ZONE
 - LIMIT OF INTERPRETATION

PSEUDOSECTION PLOTTING

- $C_1 - C_2$ CURRENT DIPOLE
 $P_1 - P_2$ POTENTIAL DIPOLE
 a DIPOLE LENGTH
- DEFINITE ANOMALY
POSSIBLE ANOMALY
- 296 APPARENT RESISTIVITY IN OHM-METRES
- (INV) SECTION OF DATA TREATED BY INVERSION
- CONTOUR INTERVAL IS MODIFIED LOG 1,1.5,2,3,5,7,10



GEOLOGICAL SURVEY OF CANADA

DEPARTMENT OF ENERGY, MINES AND RESOURCES

MT. CAYLEY GEOTHERMAL PROJECT

D.C. RESISTIVITY SURVEY

SHOVELNOSE CREEK AREA

AUGUST 1980

SURVEY BY PREMIER GEOPHYSICS INC., VANCOUVER, B.C.

HORIZONTAL SCALE



LINE A SOUTH

Figure 4