

3

M454

841099

Agassiz  
1981

2. Trough Grid (grid addresses in below in feet)

In a previous survey a response was obtained on line 72+00s primarily on the  $N=4$  readings of  $a=100$  feet. I would like same orientation work done on ~~the~~ L 72+00s with ~~a larger~~ to find a suitable larger spread say starting with  $a=200$  feet  $N=1$  to 4 and adjusting until an optimum spread is found. This would then be used for the rest of this grid in the order below:

L 72+00s	<del>75</del> 5E to 15W
L 70+00s	5E to 15W
L 68+00s	5E to 15W
L 74+00s	5E to 12W
L 76+00s	3E to 10W
L 78+00s	2E to 10W

Total 3.1 Km.

3. Weaver Grid (grid and discussion below in feet)

On this grid we are detailing responses seen previously. I would like the previous responses resurveyed and detail lines on either side done

a) Response 1: seen at L30+00W, 2+50S

The following lines should be done using  $a=100$  feet,  $N=1$  to 4.

L 30+00 W	,	2N to 8S
L 28+00 W	,	2N to 10S
L 32+00 W	,	4N to 10S

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b) Response 2: seen at L38+00W, 8+00S

The following lines should be done using  $a=100$  feet,  $N=1$  to 4

L 38+00 W	,	<del>35 to 12S</del> 2S to 16S
L 36+00 W	,	base line to 16S
L 40+00 W	,	base line to 18S
L 42+00 W	,	base line to 18S

Total 3.1 km.

[Note! L40 and L42 are cut to 24S if needed]

#### 4) Ridge Grid (grid and discussion below in meters)

This work on this grid is ~~to define~~  
also to detail two responses seen with  
 $a = 100\text{ m}$ ,  $N = 1$  to  $4$  and to complete the grid

a) Response I: seen at L 6+00 N, 4+00 W

The following lines should be done:  
~~initially with~~ with  $a = 100\text{ m}$ ,  $N = 1$  to  $4$

L 6+00 N, base line to 6+00 W  
L 5+00 N, 4 E to 12 W

b) Grid completion lines:

The following lines should be done with  
 $a = 100\text{ m}$ ,  $N = 1$  to  $4$ .

L 10+50 N, 5 E to 12 W  
L 13+00 N, 6 E to 12 W  
~~L 14+50 W~~  
L 15+00 W, 0 to 12 W  
L 16+00 W, 6 E to 14 W  
~~L 18+00 W,~~

5

c) Response 2: Seen at ~~L 19+00W, 1+00E~~  
~~L 21+00W, 2+00E~~

The following lines should decline  
with  $a=100$  m,  $N=1$  to 4.

L 19+00N	4E to 1W
L 18+00N,	10E to 7W
<del>L 20N</del>	
L 20+00N,	10E to 12W
L 21+00N,	10E to 12W
L 22+00N,	10E to 12W

Total 17.7 Km.

(Note: at the time of writing the lines on the Ridge grid had not been completely emplaced. Consequently, some may be shorter because of excess topographic relief).

This is a total program of 24.5 Km.

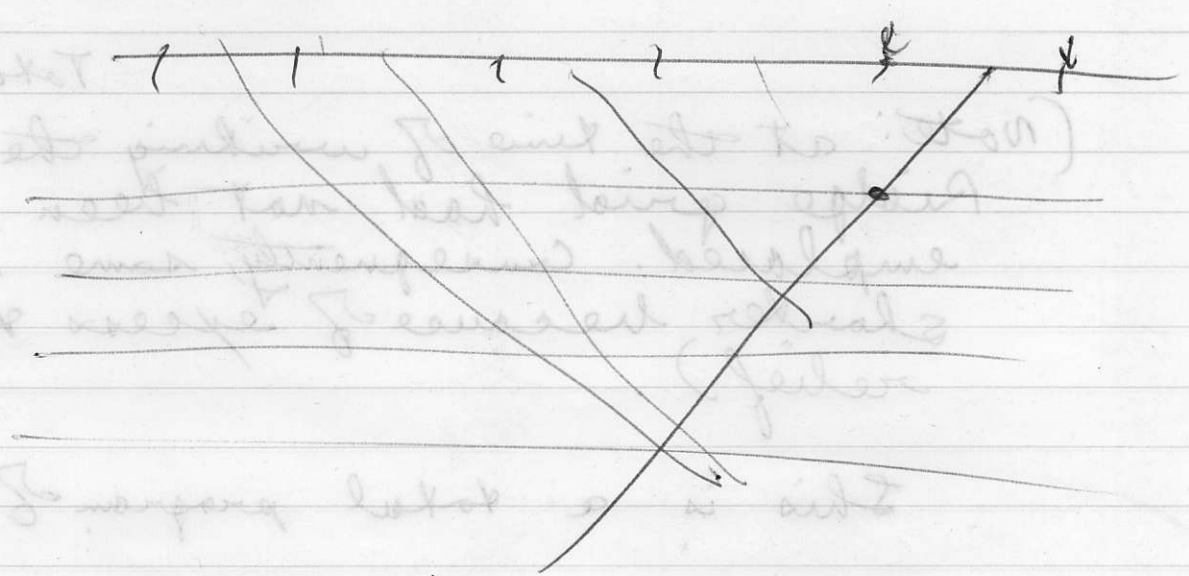
Best Regards  
John F. Stubb

cc: G. Walker  
B. Cook

old

new

- |      |                       |
|------|-----------------------|
| L 15 | 14 + 30               |
| L 16 | 15 + 00               |
| L 18 | <del>18</del> 17 + 00 |
| L 20 | L 19 + 00             |
| L 21 | L 20 + 00             |
| L 22 | L 21 + 00             |



Best regards  
 J. B. [unclear]

cc: G. Walker  
 B. Cook

# AGASSIZ & WEAVER

## GEOLOGICAL TARGET:

- DELINEATE ADDITIONAL TONNAGE OF MASSIVE CU, PYRITE MINERALIZATION TO THAT KNOWN AT SENECA

## GEOPHYSICAL TARGET & TECHNIQUE

- MASSIVE CU, PYRITE WITH EITHER EM OR IP. FIND MOST INTERPRETABLE TECHNIQUE OVER SENECA & USE IN THE REST OF THE PROPERTY

## GEOPHYSICAL RESULTS:

- BOTH EM & IP WORK. EM WEAK & REQUIRES LARGE TOPOGRAPHIC CORRECTIONS. IP CHOSEN.

GRID 1 - SOUTHERN AREA AGASSIZ - SITE OF FORMER DRILLING

- 2 ANOMALIES      1-2% SULPHIDES
- L 685      1+00 E      75 ft depth
- L 725      4+00 W      50 ft depth

68472  
Grid 1 - fill in <sup>at 5</sup> & get under  
away.

GRID 2 - WEAVER GRID

a) ANOMALY NORTH END OF LINES  
 22W, 26W, 30W, 34W, 38W (PERHAPS  
 42W & 46W) - FLAT LYING SHEET  
 ≈ 50 THICK, 50ft deep L 22 &  
 shallowing to W, 1-2% SULPHIDES  
 - MAY EXTEND TO N OF GRID  
 - RESPONSE L 30 W, 3+00S SIMILAR  
 TO SENECA

b) L 30 W, 12+00S - INCOMPLETELY DEFINED  
 2% SULPHIDES?  
 - lithology

c) L 38 W, 8+00S → 11+00S - INCOMPLETELY  
 DEFINED TO W  
 - NARROW, THIN, SOUTH DIPPING,  
 1% SULPHIDES

detail  
 L 40 L 36  
 & to 'S.

d) SEVERAL OTHER SINGLE STATION  
 ANOMALIES - MAY BE TOO THIN TO  
 BE RESOLVED AT SURVEY SPACING:  
 L 22W, 7+50S  
 L 20W, 6+50S & 8+50S  
 L 30W, 1+50N & 7+50S  
 L 34W, 7+50S  
 ALL WEAK L 1% SULPHIDES?



GRID 3 - LARGE AREA SIZE GRID

a) ANOMALY W. END OF LINE S  
2 S → 16 N

N-S          L 2 S → 7 N

NW-SE      L 8 N → 16 N

ABOVE AVERAGE

SULPHIDE CONTENT - 50 - 100 M DEEP? MEDIUM DIPPING WRT SLOPE

AT 15 N 2 E

⇒ ≈ FLAT LYING WRT VERT

19 N 1 E

AT 16 N ≈ FLAT WRT TOPO

- 1-2% SULPHIDES

b) L 19 & 20 N - THIS LAYER MAY RUN UNDER ENTIRE LINE @ ≈ 25 M