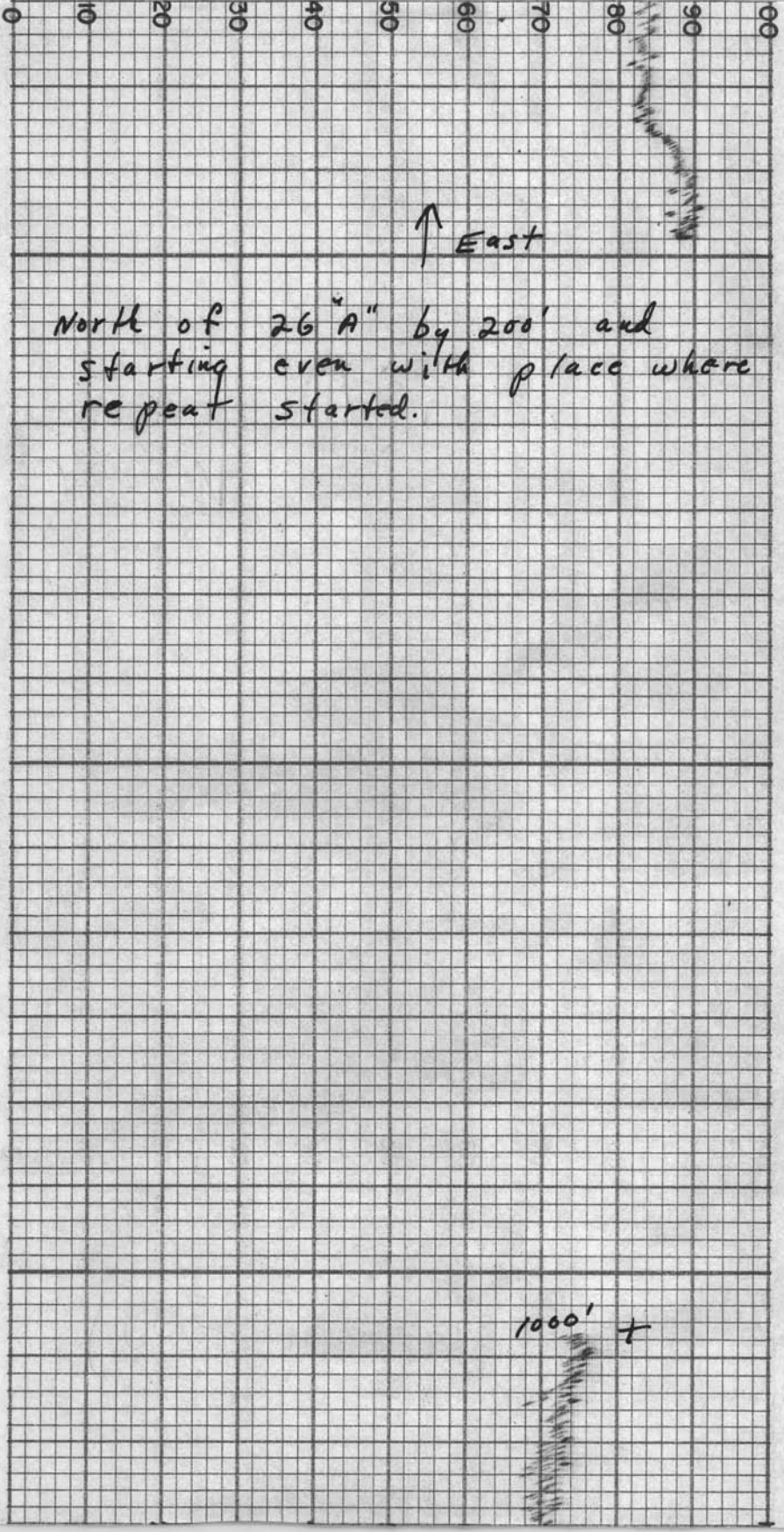
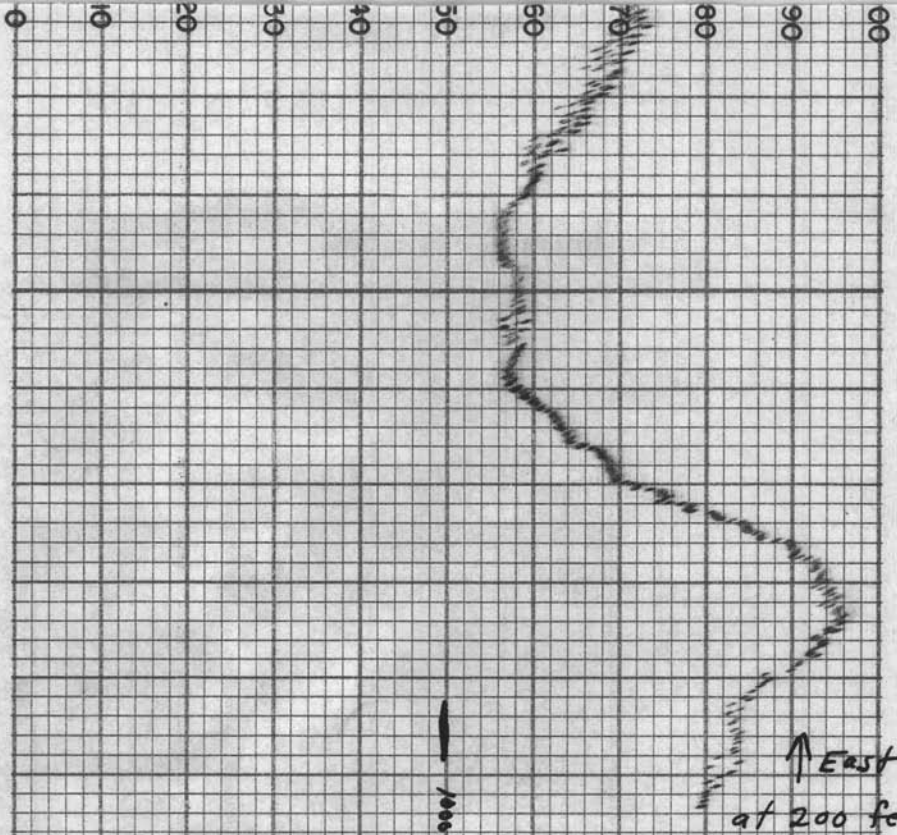


MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. E.S.



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

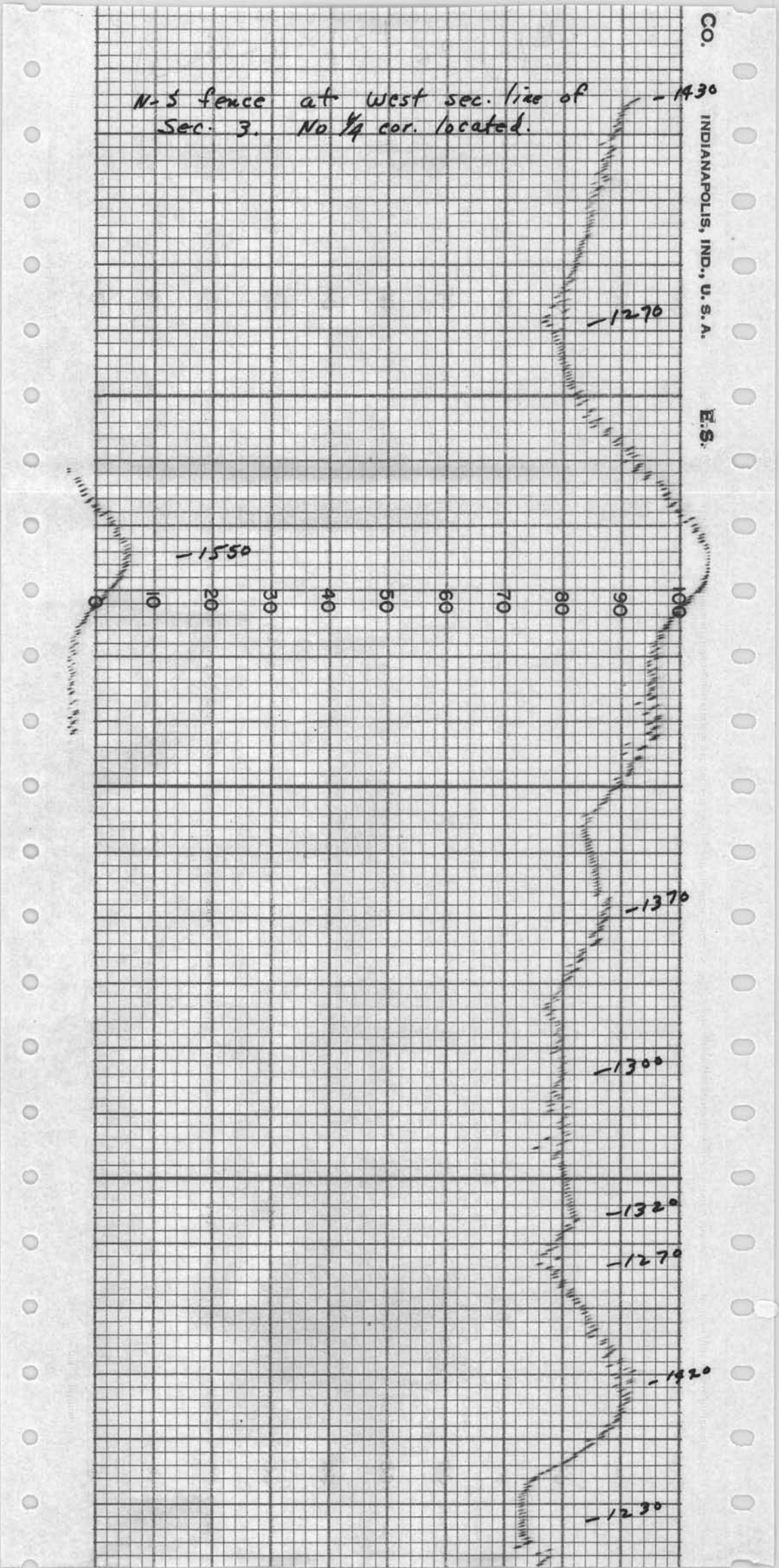
RECORD NO. 26 "B" DATE 1-21-62

SENSITIVITY 100 GAMMAS (γ) IN S.L.

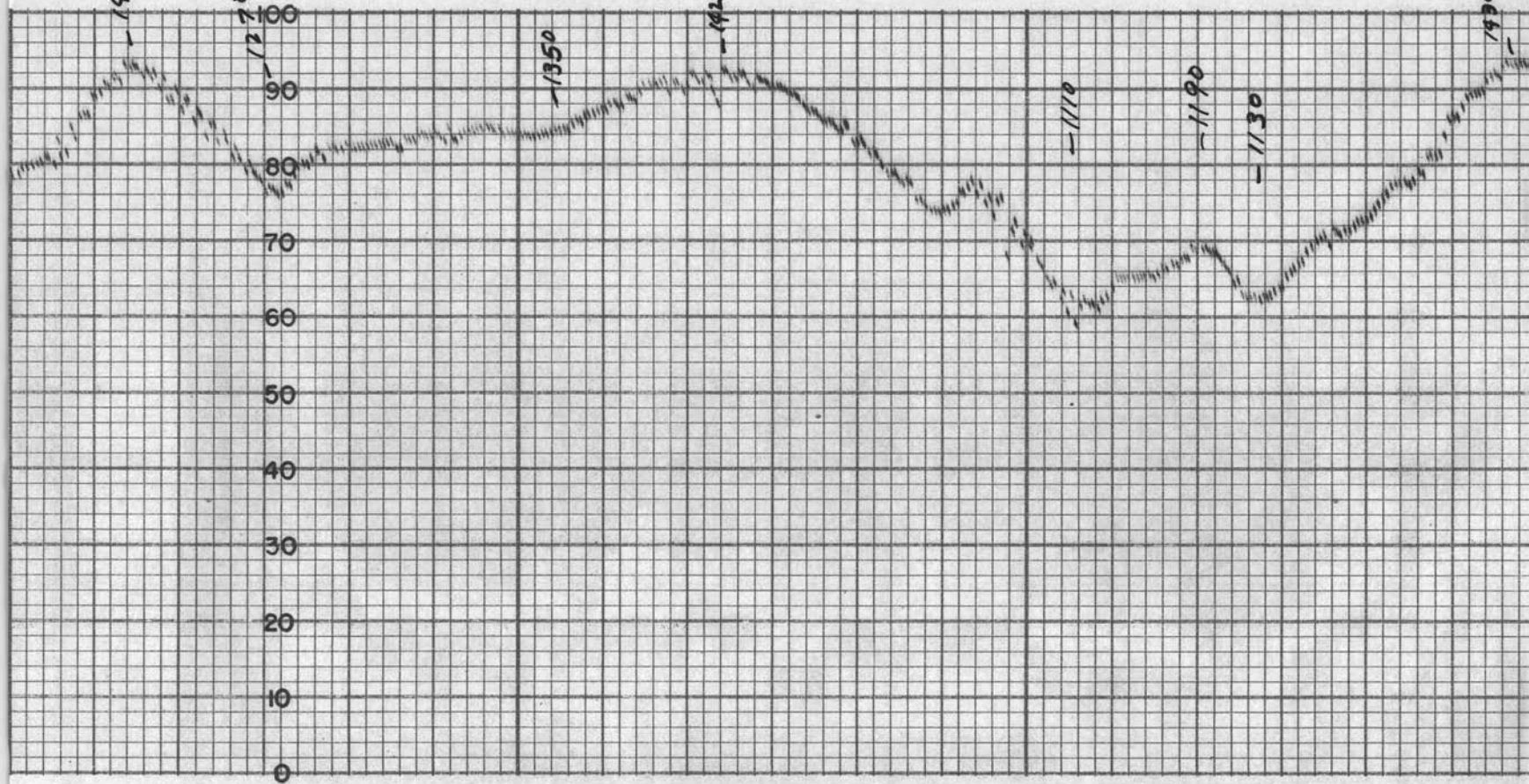
HORIZONTAL SCALE 200 Ft./In.

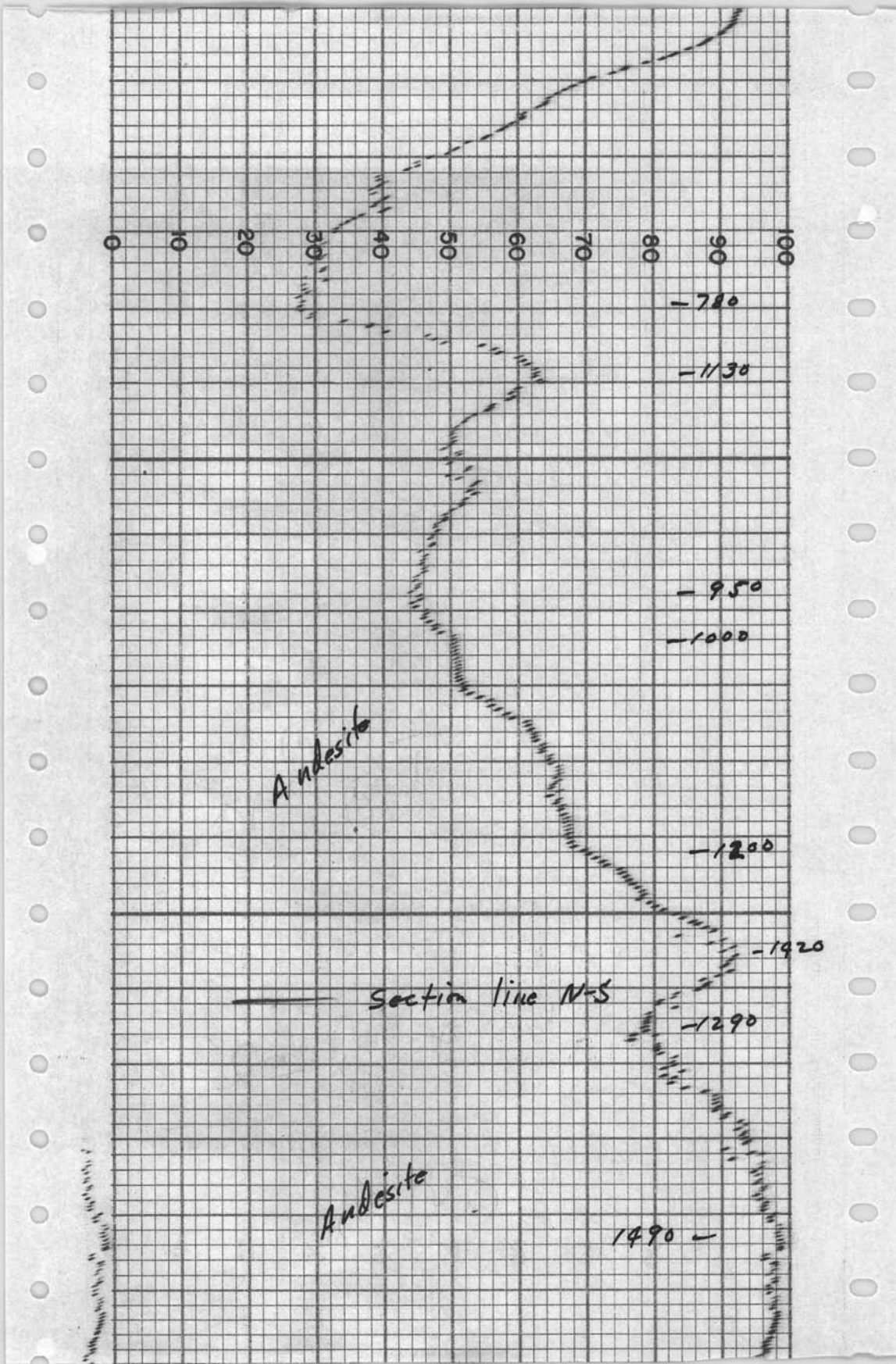
LOCATION PAT HILLS, COCHISE CO. ARIZ.

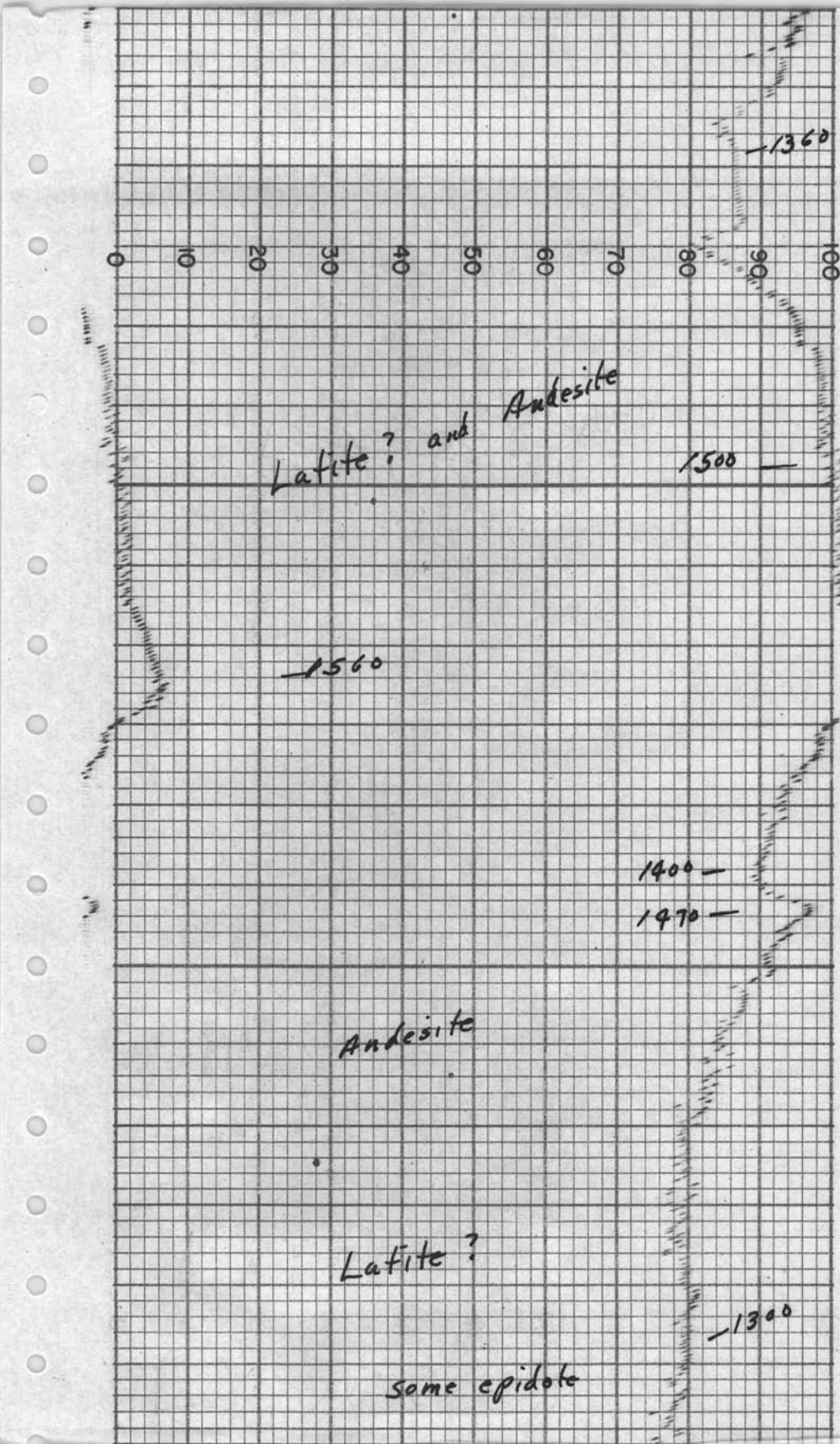
The above are detail for the anomaly found on Rec. Nº 26 "A" in section 3, T17S, R27E


N-S fence at west sec. line of Sec. 3. No ¼ cor. located.
1430
1270
1550
0
10
20
30
40
50
60
70
80
90
100
1370
1300
1320
1270
1420
1230
CO.
INDIANAPOLIS, IND., U. S. A.
E.S.

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X




0
10
20
30
40
50
60
70
80
90
100
-780
-1130
-950
-1000
Andesite
-1200
-1920
Section line N-S
-1290
Andesite
1490 -



MADE IN U. S. A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A.

E.S.

0 10 20 30 40 50 60 70 80 90 100

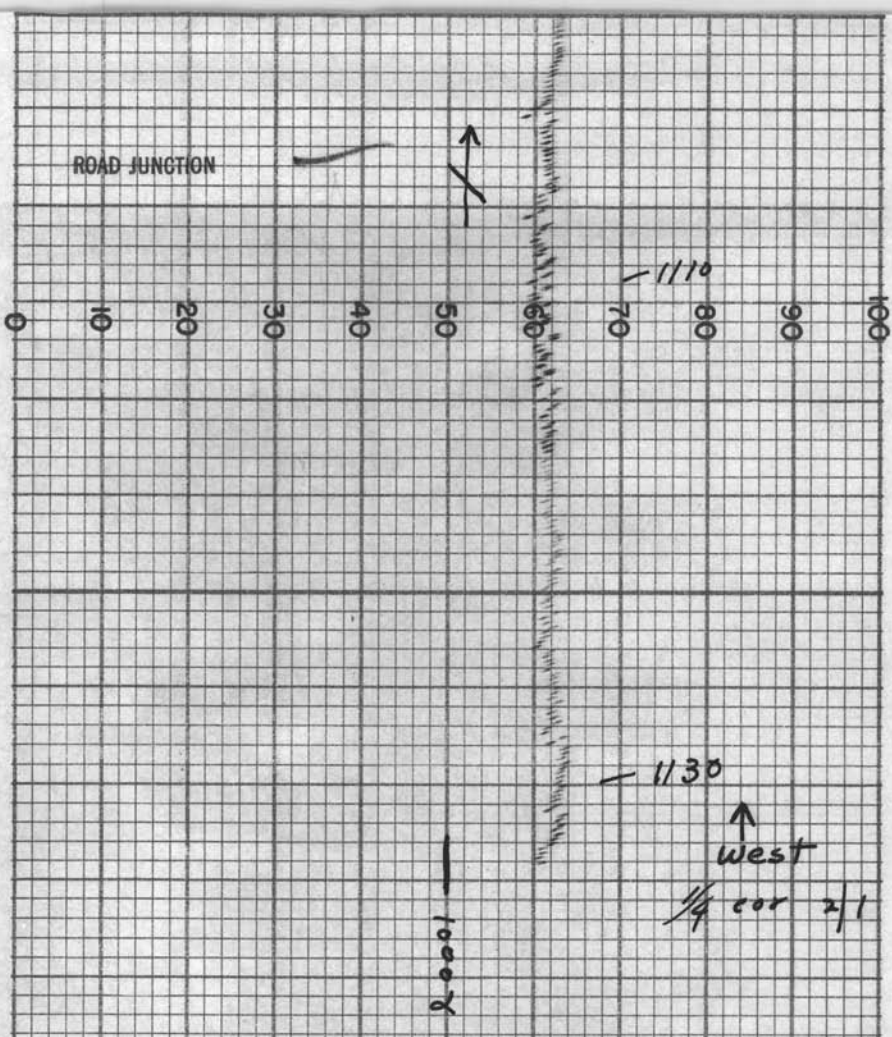
-1250

Andesite

OUTCROP

-1200

-1150



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 27 DATE 1-21-62

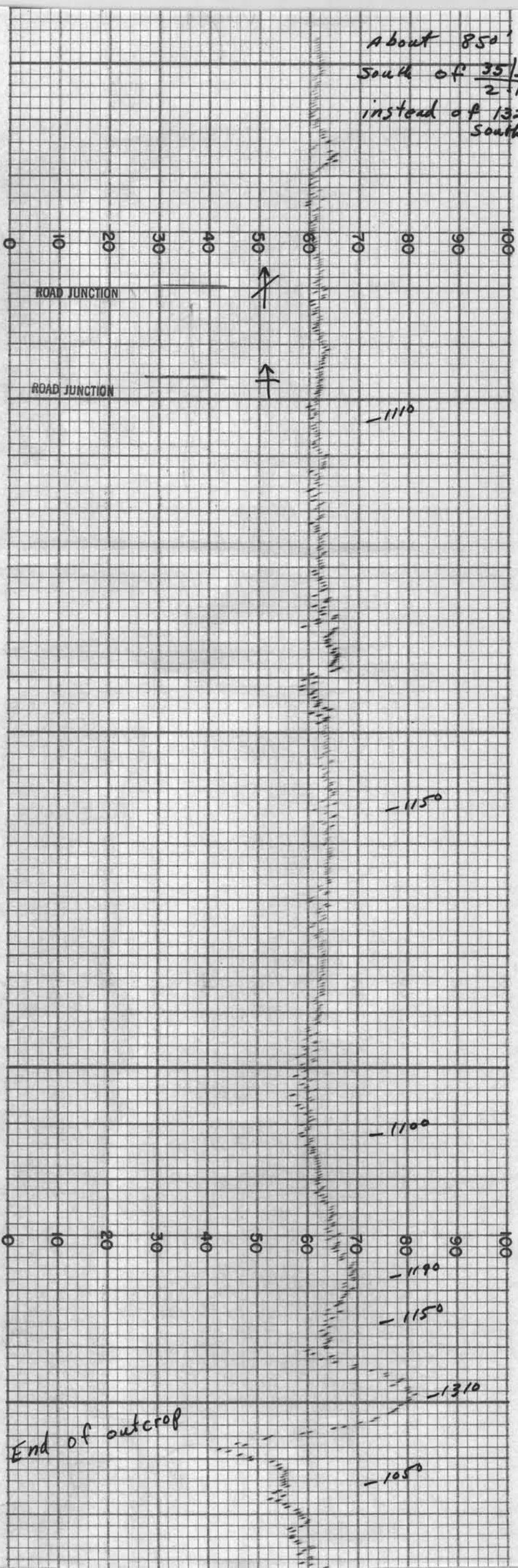
SENSITIVITY 100 GAMMAS 1/2 in. S.D

HORIZONTAL SCALE 200 FT./in.

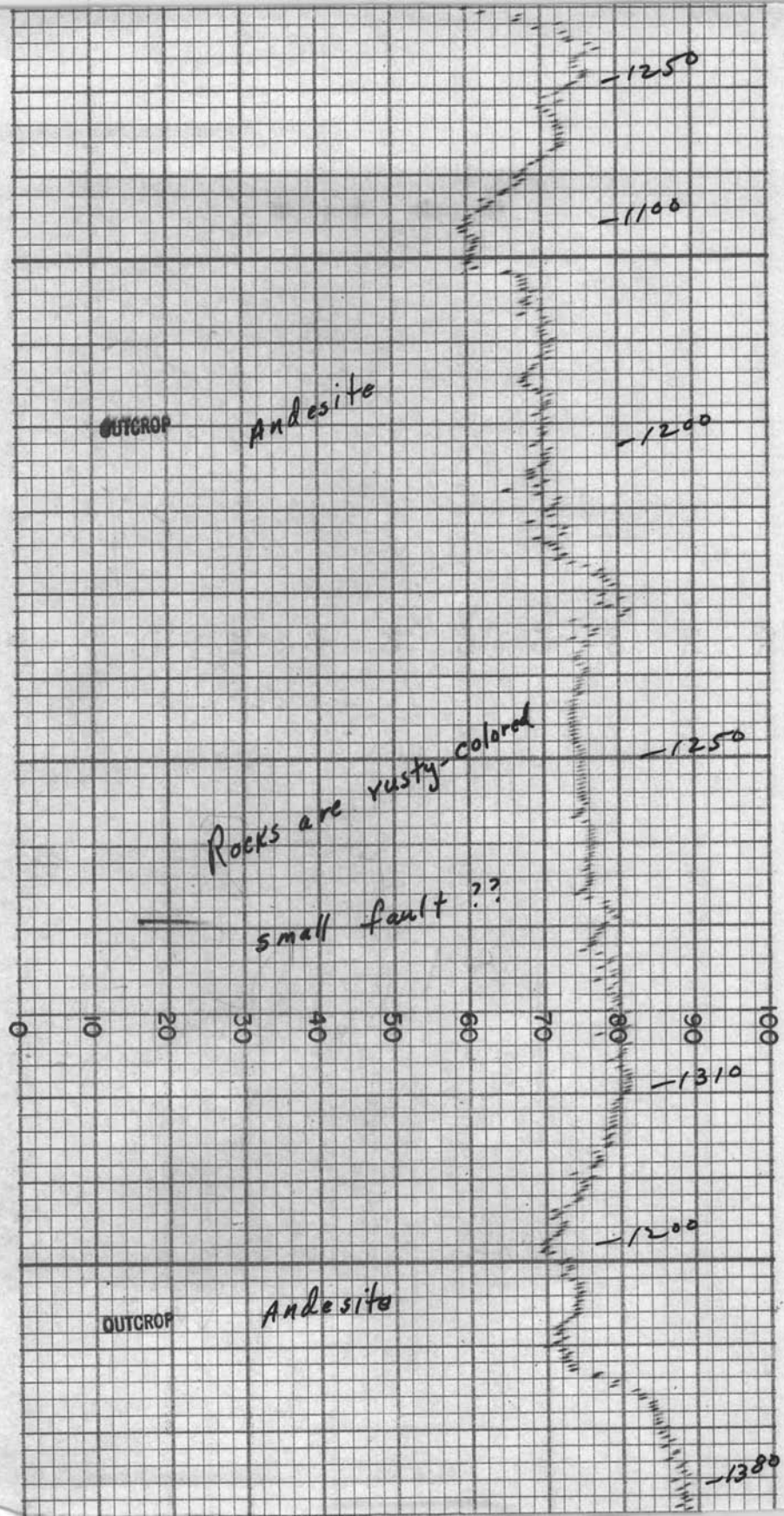
LOCATION PAT HILLS, COCHISE CO. ARIZ.

west from approx. 1/4 cor. 2/1 to approx. 1/4 cor. 4/3 T17S R27E

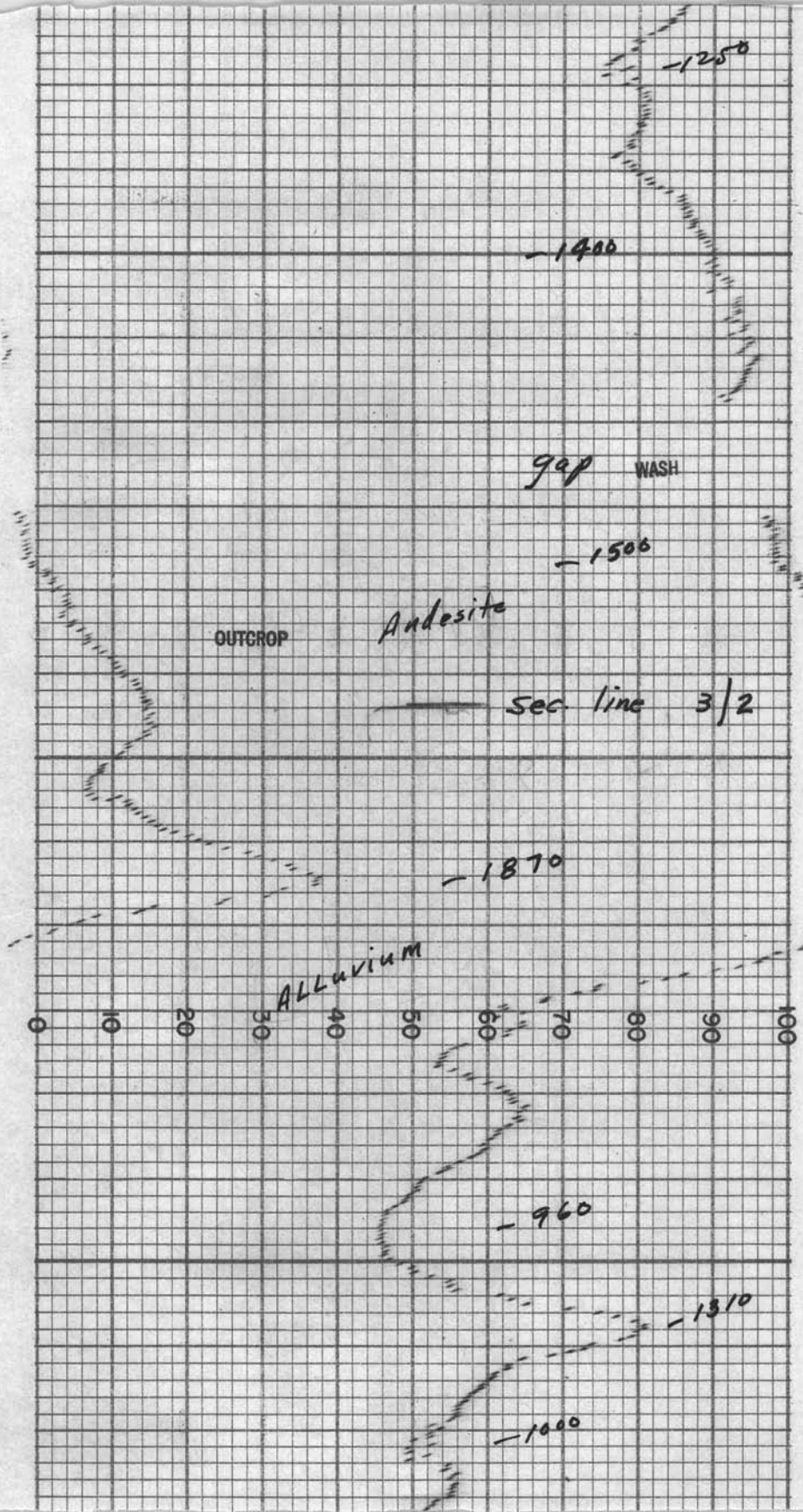
THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X



THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X


1250
1100
OUTCROP
Andesite
1200
Rocks are rusty-colored
1250
small fault ??
0
10
20
30
40
50
60
70
80
90
100
1310
1200
OUTCROP
Andesite
1380

MADE IN U.S.A.


ESTERLINE-ANGUS CO.
INDIANAPOLIS, IND., U. S. A.
E.S.
-1250
-1400
gap
WASH
-1500
OUTCROP
Andesite
Sec. line 3/2
-1870
ALLuvium
0
10
20
30
40
50
60
70
80
90
100
-960
-1310
-1000

ALLUVIUM

ALLUVIUM

1900

0 10 20 30 40 50 60 70 80 90 100

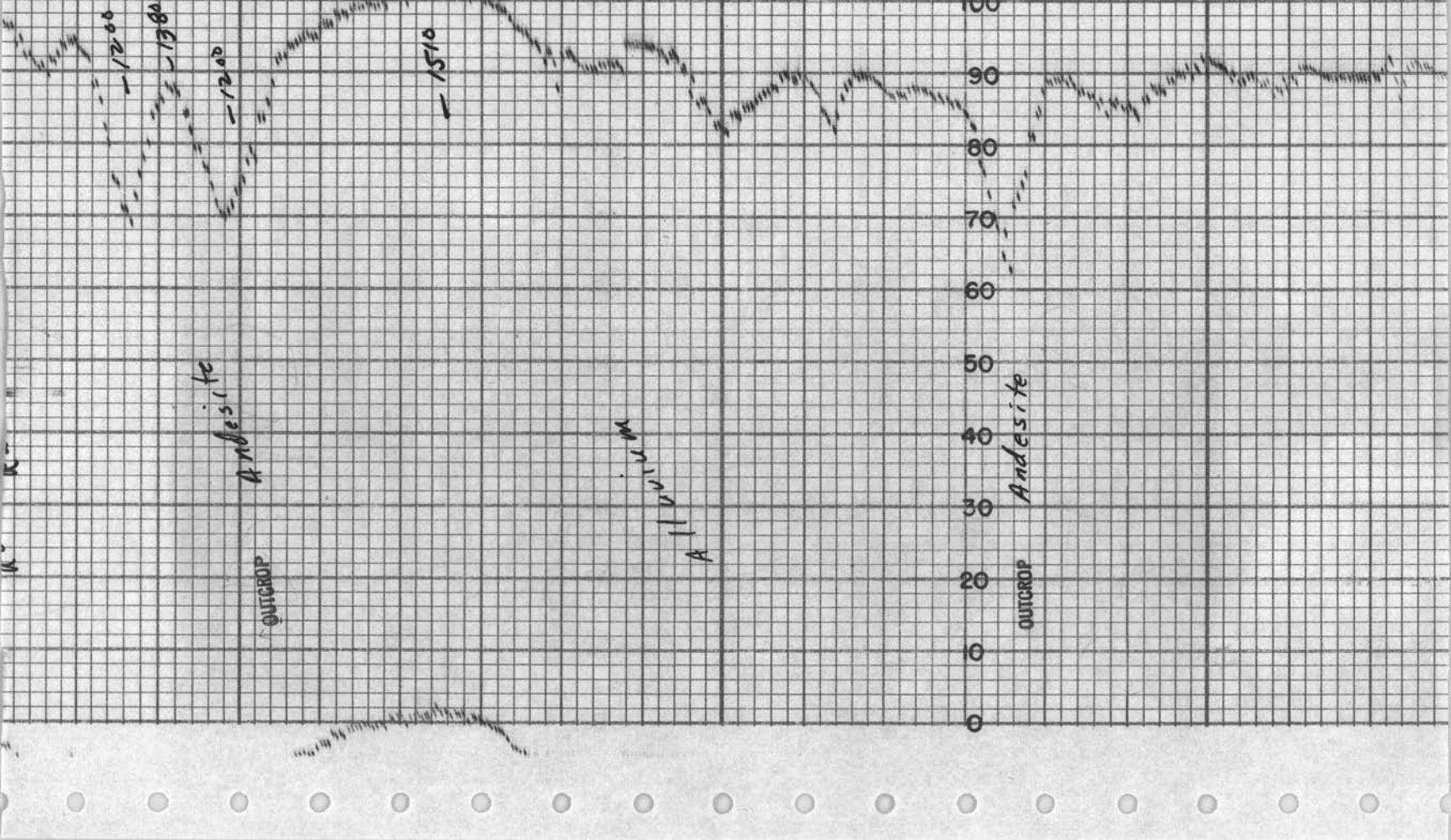
1590

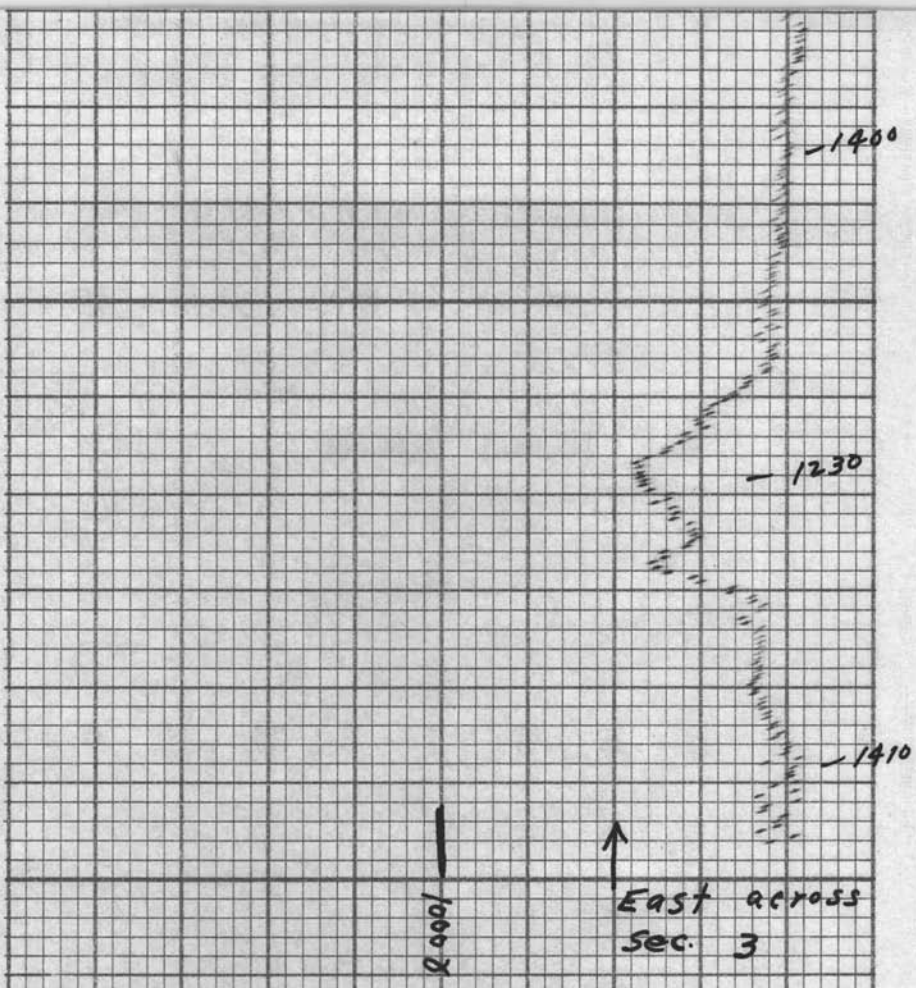
1000

1530

Lines are true Colored.

THE ESTERLINE-ANGUS


-1200
-1300
-1200
-1510
Andesite
OUTCROP
Alluvium
100
90
80
70
60
50
40
30
20
10
0
Andesite
OUTCROP



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 28 DATE 1-21-62

SENSITIVITY 100 GAMMAS / ½ In. S.D.

HORIZONTAL SCALE 200 FT./In.

LOCATION PAT HILLS, COCHISE CO., ARIZ.

East across sections 3 & 2, T17S R27E at 1320 feet south of the north section lines.

MADE IN U. S. A. THE

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X

Sec. cor. 33/34 / 4/3

1390

1430

1380

Andesite

1410

1350

Interesting appearance to the ground in this area

1410

gossan of disseminated sulfide

Bleached zone

1350

Latite? or rhyolite? capping?

Andesite

1/4 cor. located 34/3

1500

are rusty-colored

ROCKS

WASH

ANDESITE

OUTCROP

OUTCROP

ANDESITE

WASH

0 10 20 30 40 50 60 70 80 90 100

1330

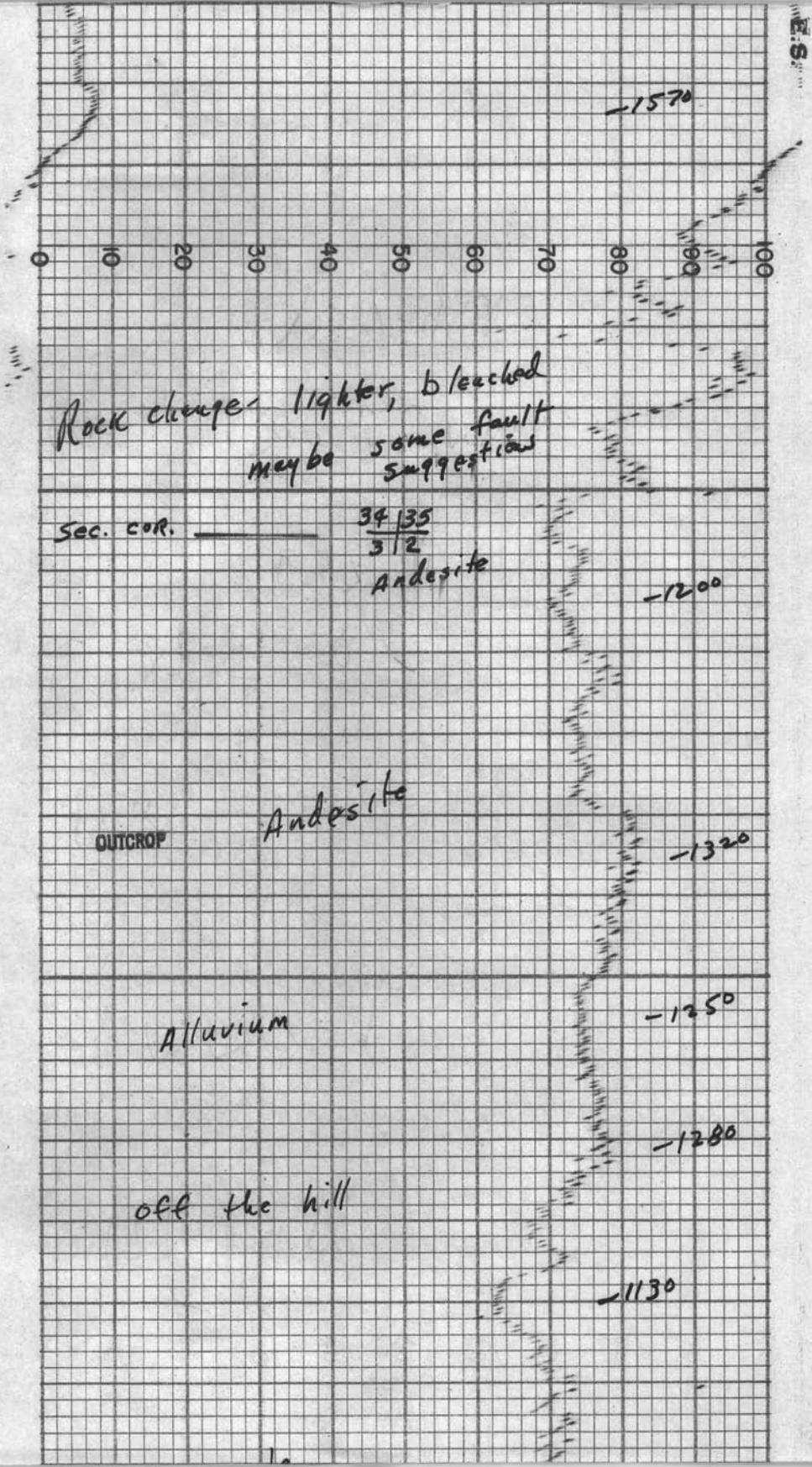
1470

1200

1450

910

MADE IN U. S. A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A.


E.S.
1570
0
10
20
30
40
50
60
70
80
90
100
Rock change lighter, bleached
maybe some fault
suggestion
Sec. cor.
34 | 35
3 | 2
Andesite
1200
Andesite
OUTCROP
1320
Alluvium
1250
1280
off the hill
1130

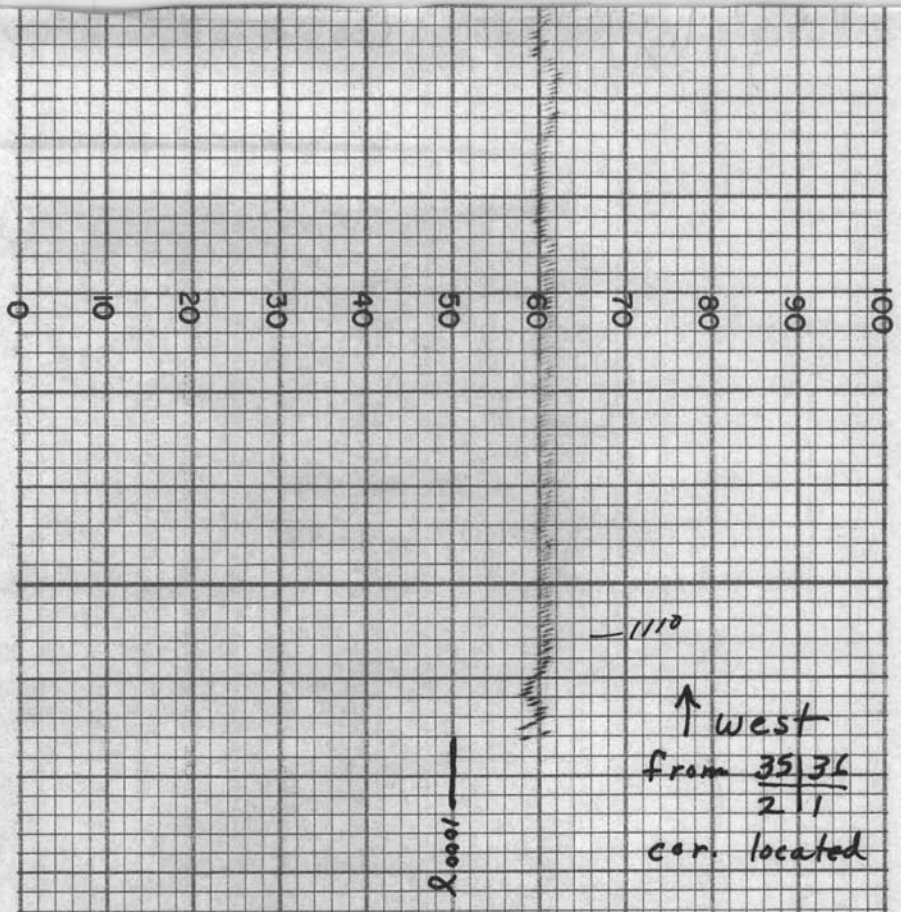
THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

0 10 20 30 40 50 60 70 80 90 100

1150

ROAD JUNCTION

gate here



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 29 DATE 1-21-62

SENSITIVITY 100 GAMMAS / ½ In S.D.

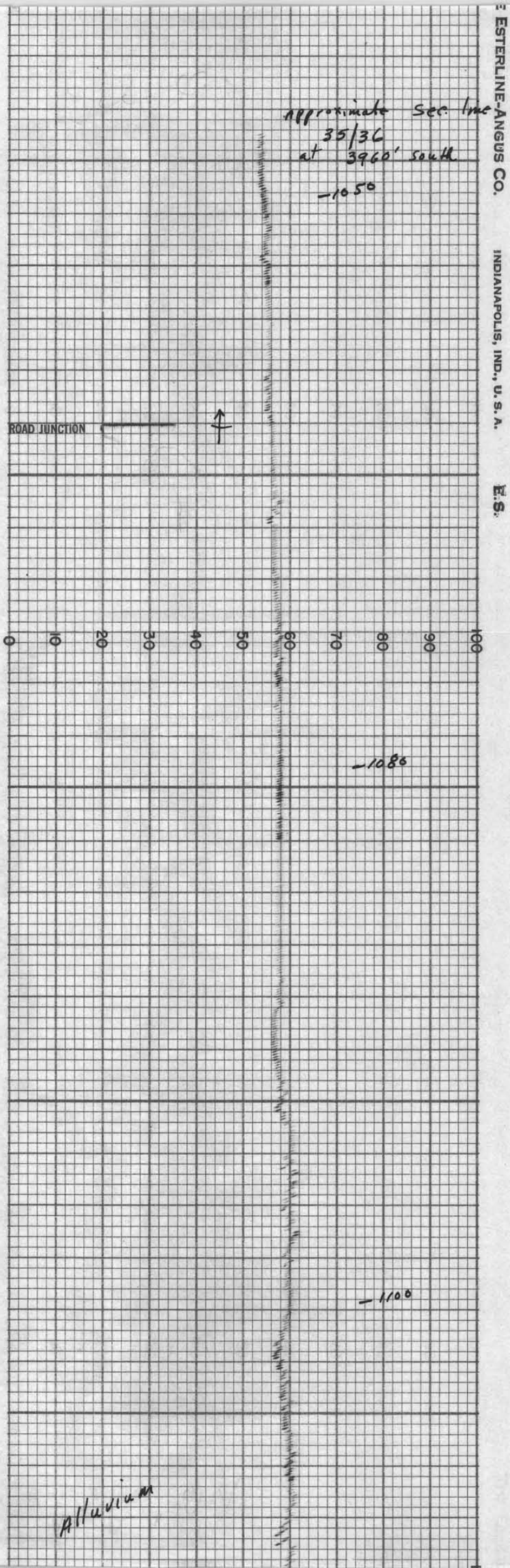
HORIZONTAL SCALE 200 FT./In.

LOCATION PAT HILLS, COCHISE CO., ARIZ.

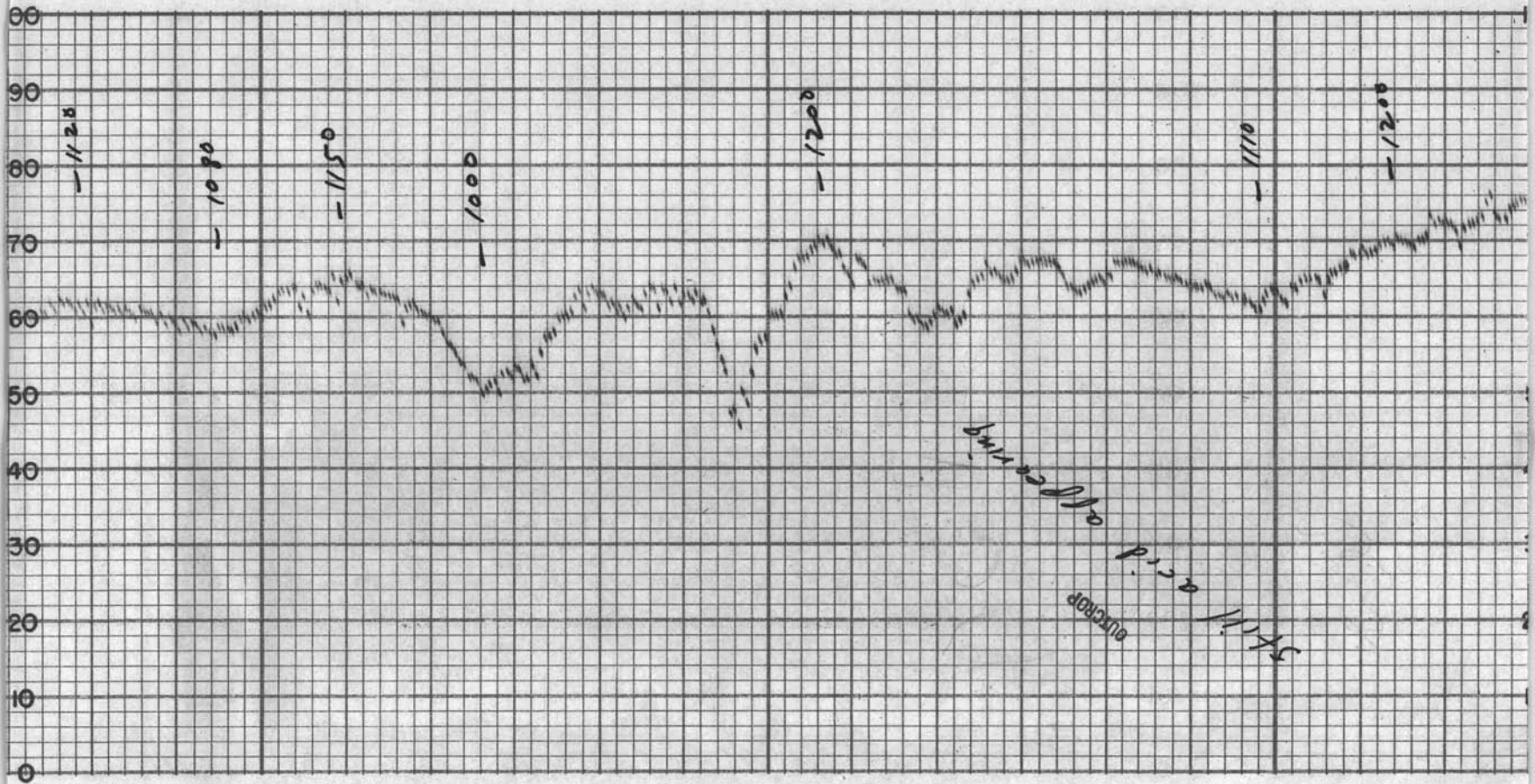
West from 35/36 (2/1) to 33/34 (4/3)

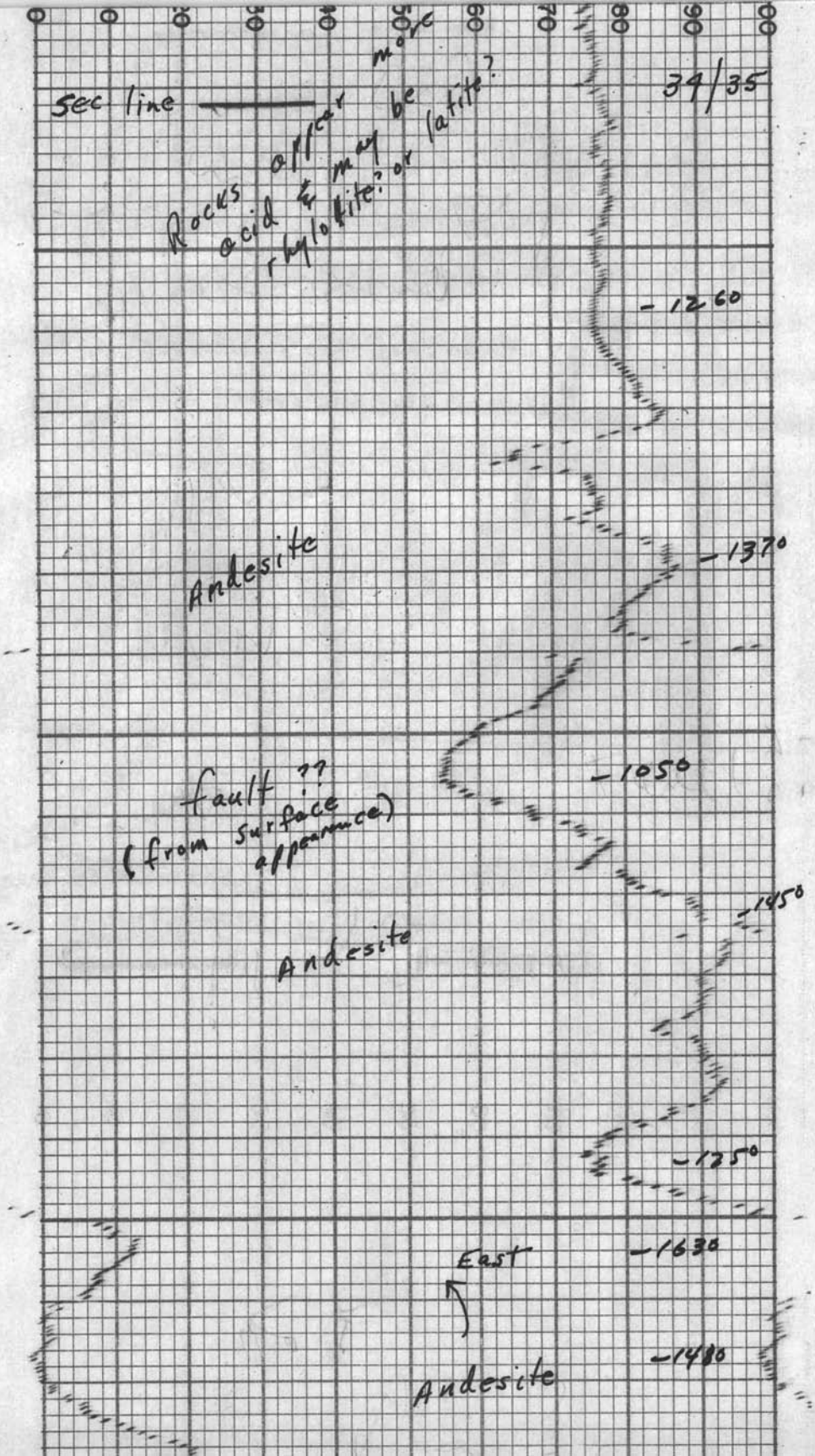
T 16 & 17 S, R 27 E

MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A.


E ESTERLINE-ANGUS CO.
INDIANAPOLIS, IND., U. S. A.
E.S.
approximate sec. line
35/36
at 3960' south
-1050
ROAD JUNCTION
0
10
20
30
40
50
60
70
80
90
100
-1080
-1100
Alluvium

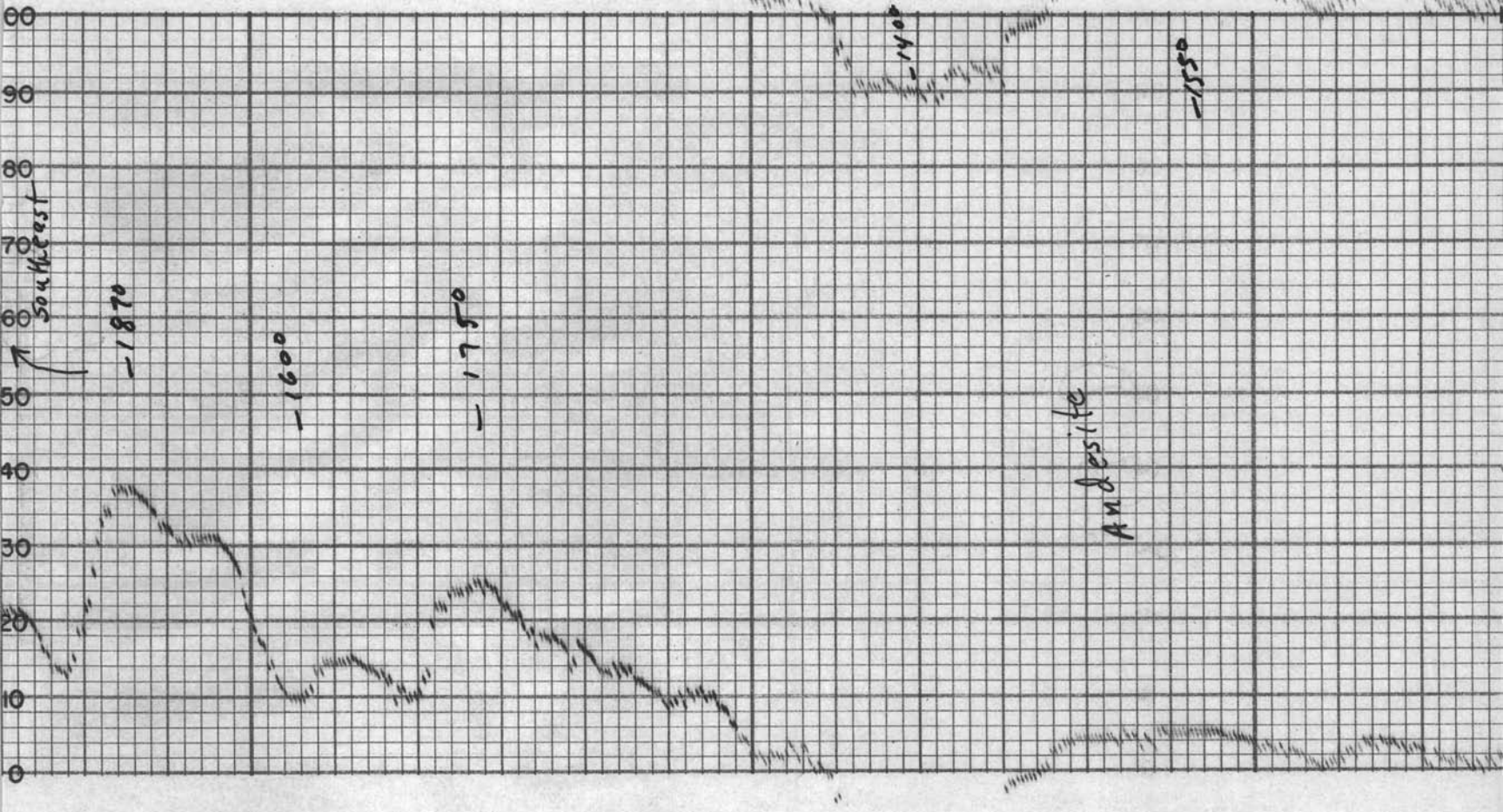
THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X

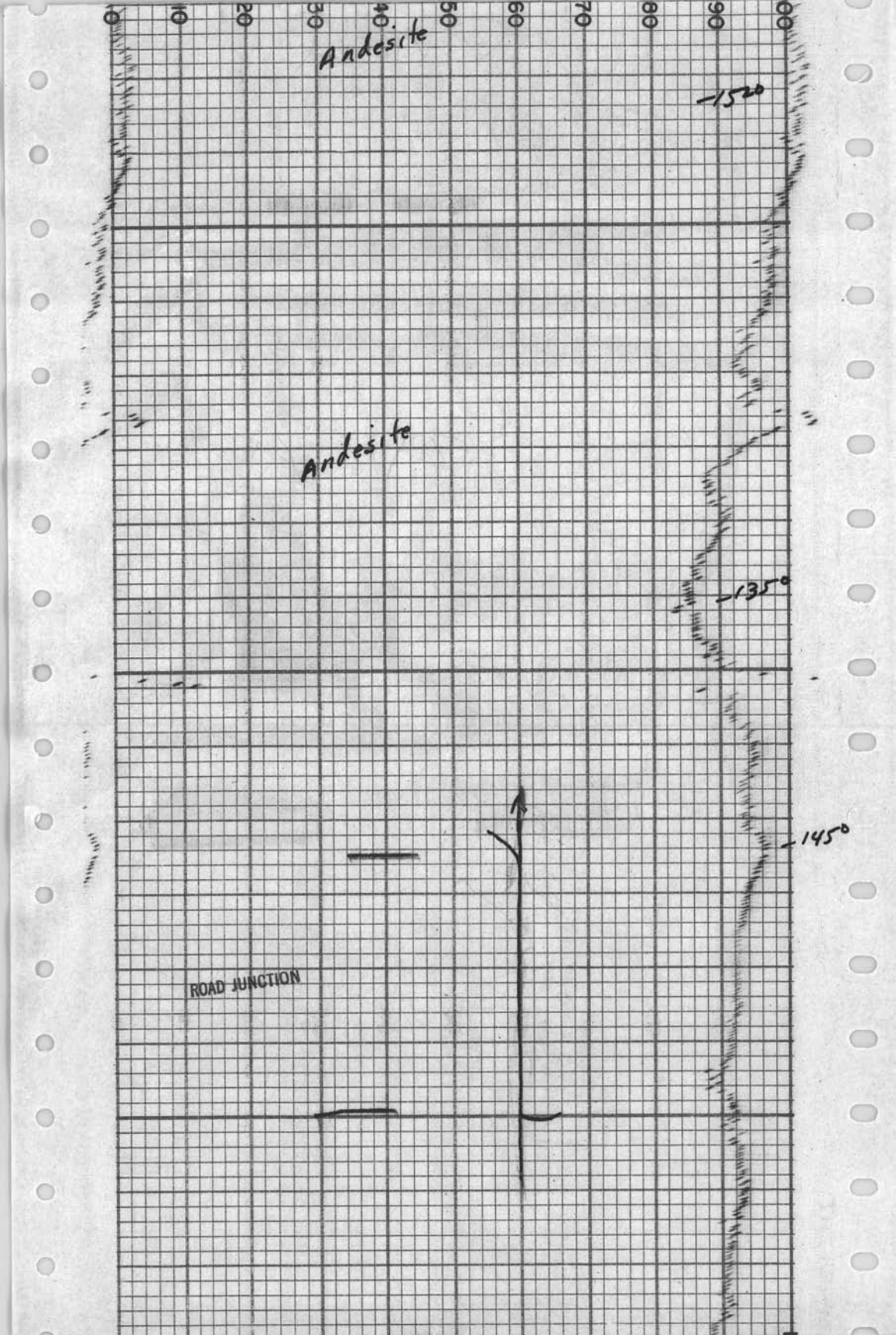




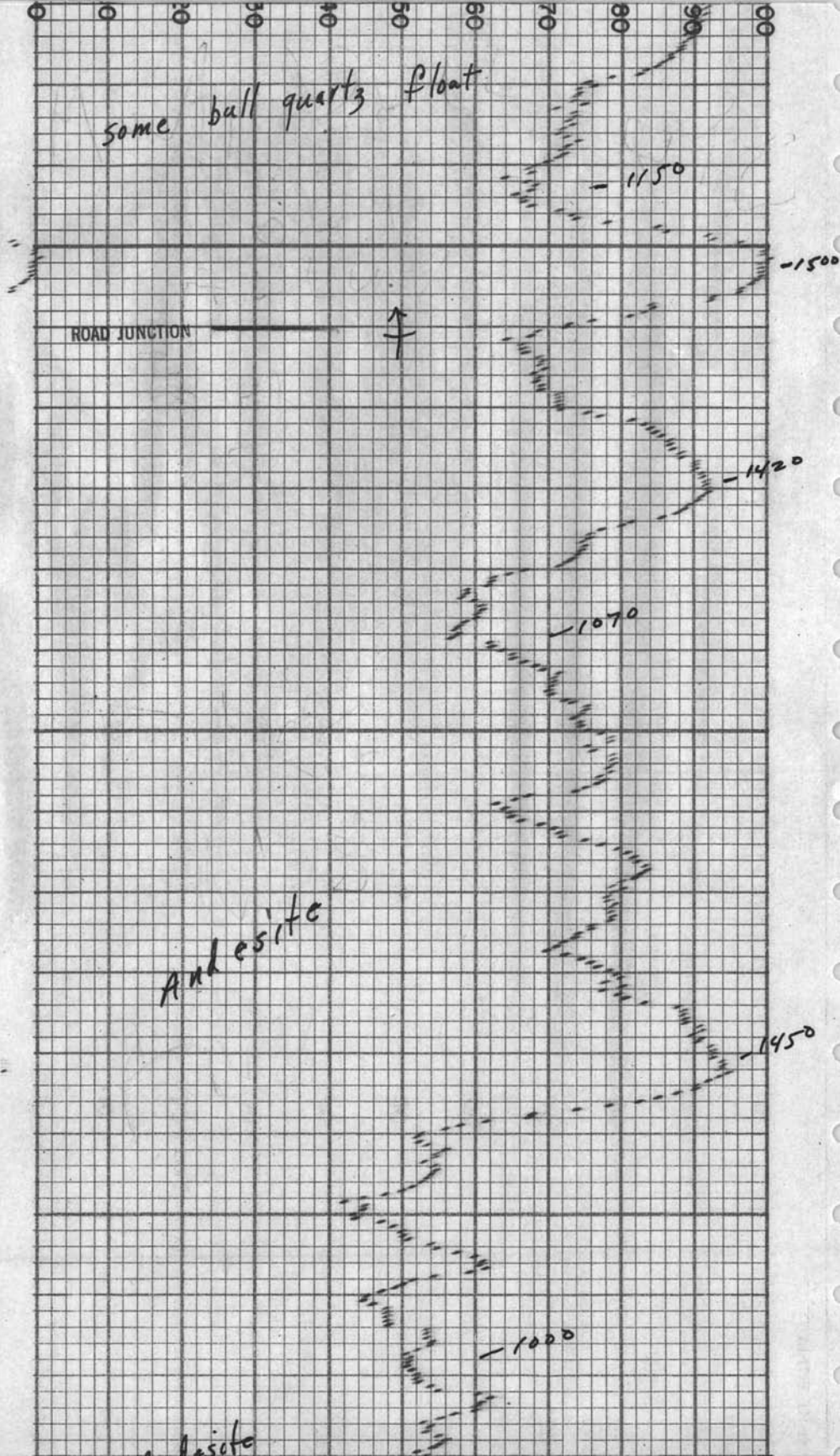
0
0
20
30
40
50
60
70
80
90
100
sec line
Rocks appear more acid & may be rhylolite? or latite?
34/35
-1260
Andesite
-1370
fault ??
(from surface appearance)
-1050
Andesite
-1450
-1250
East
-1630
Andesite
-1480

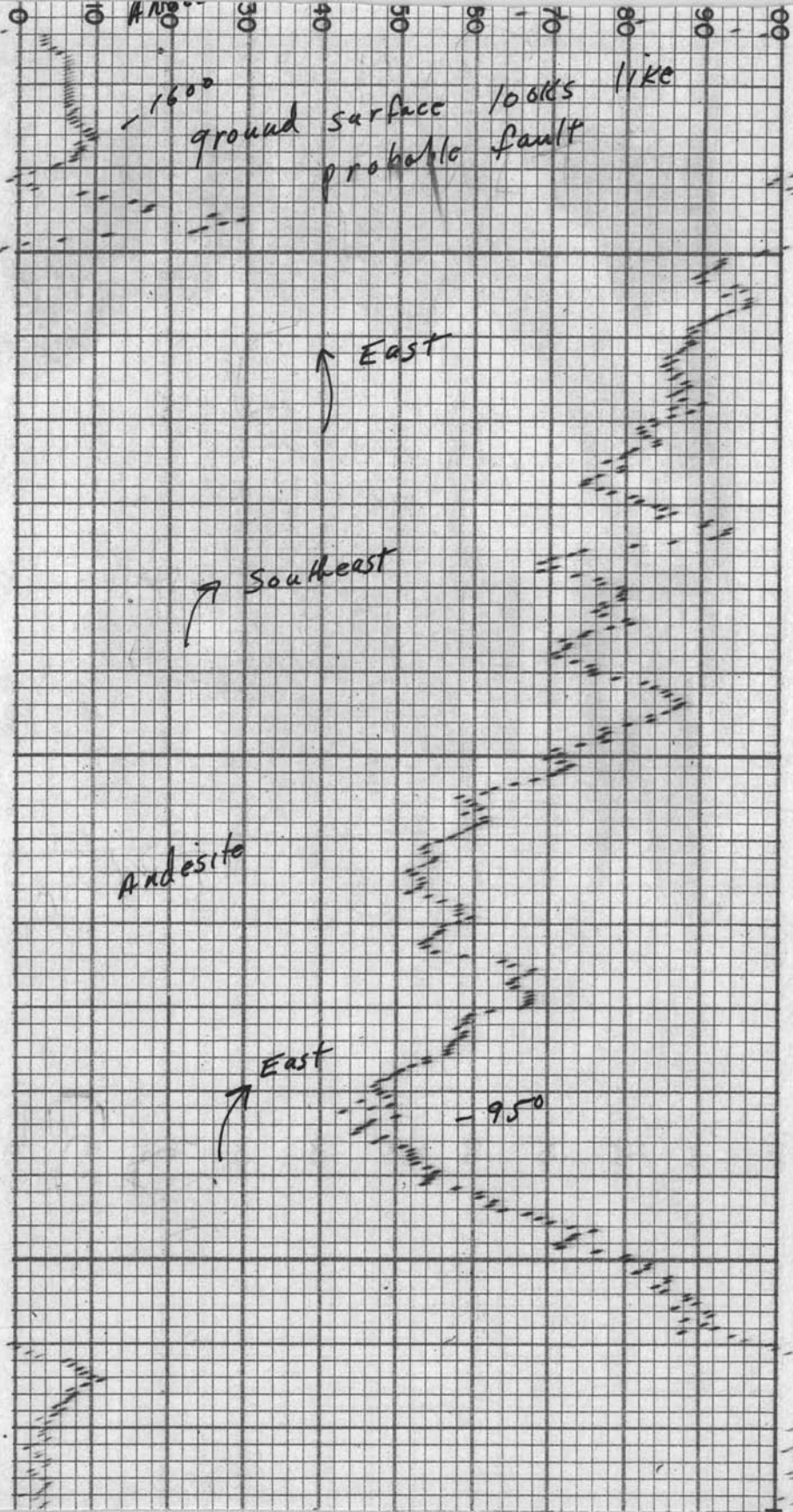
MADE IN U. S. A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. E.S.



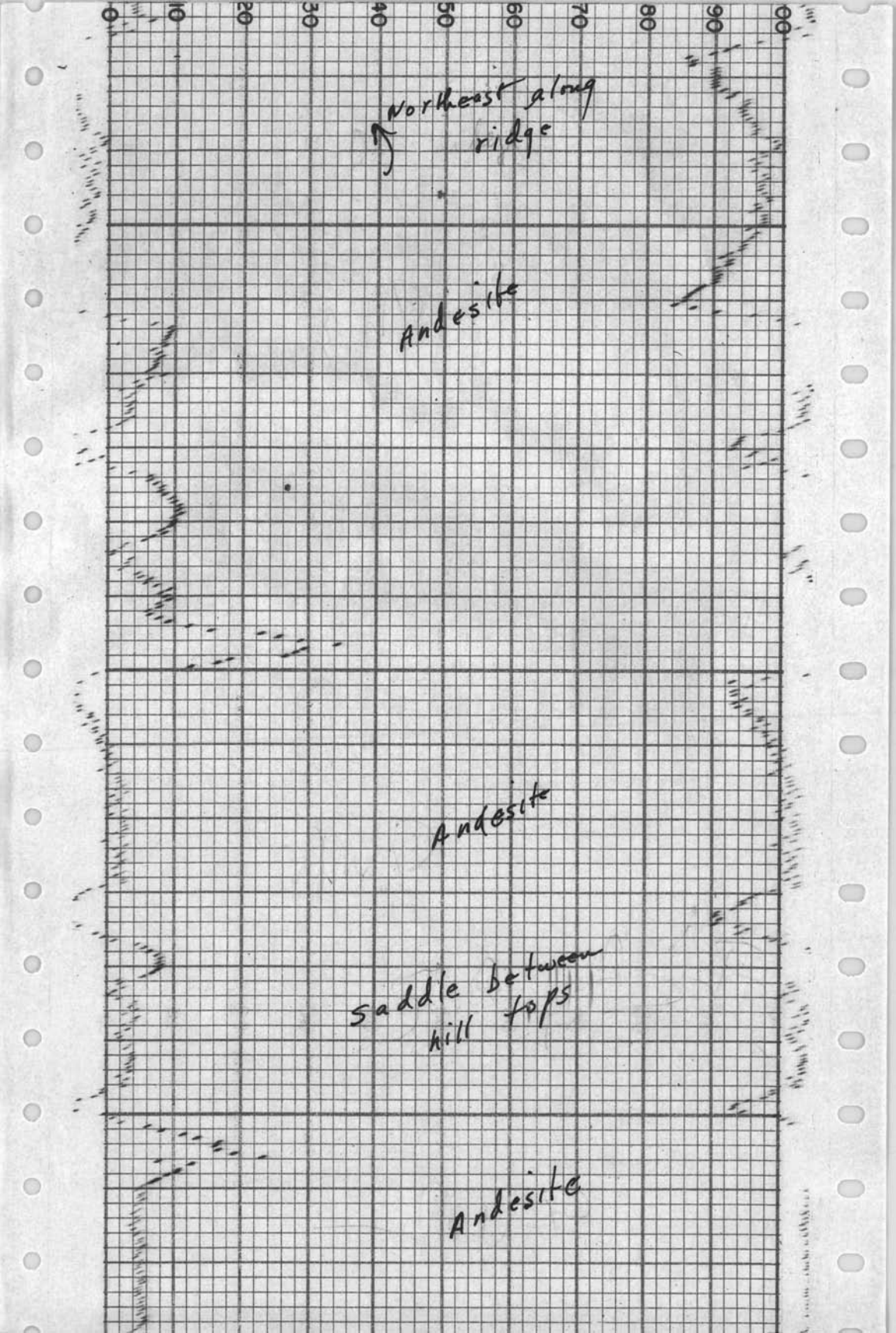

0
10
20
30
40
50
60
70
80
90
100
Andesite
1520
Andesite
1350
1450
ROAD JUNCTION

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

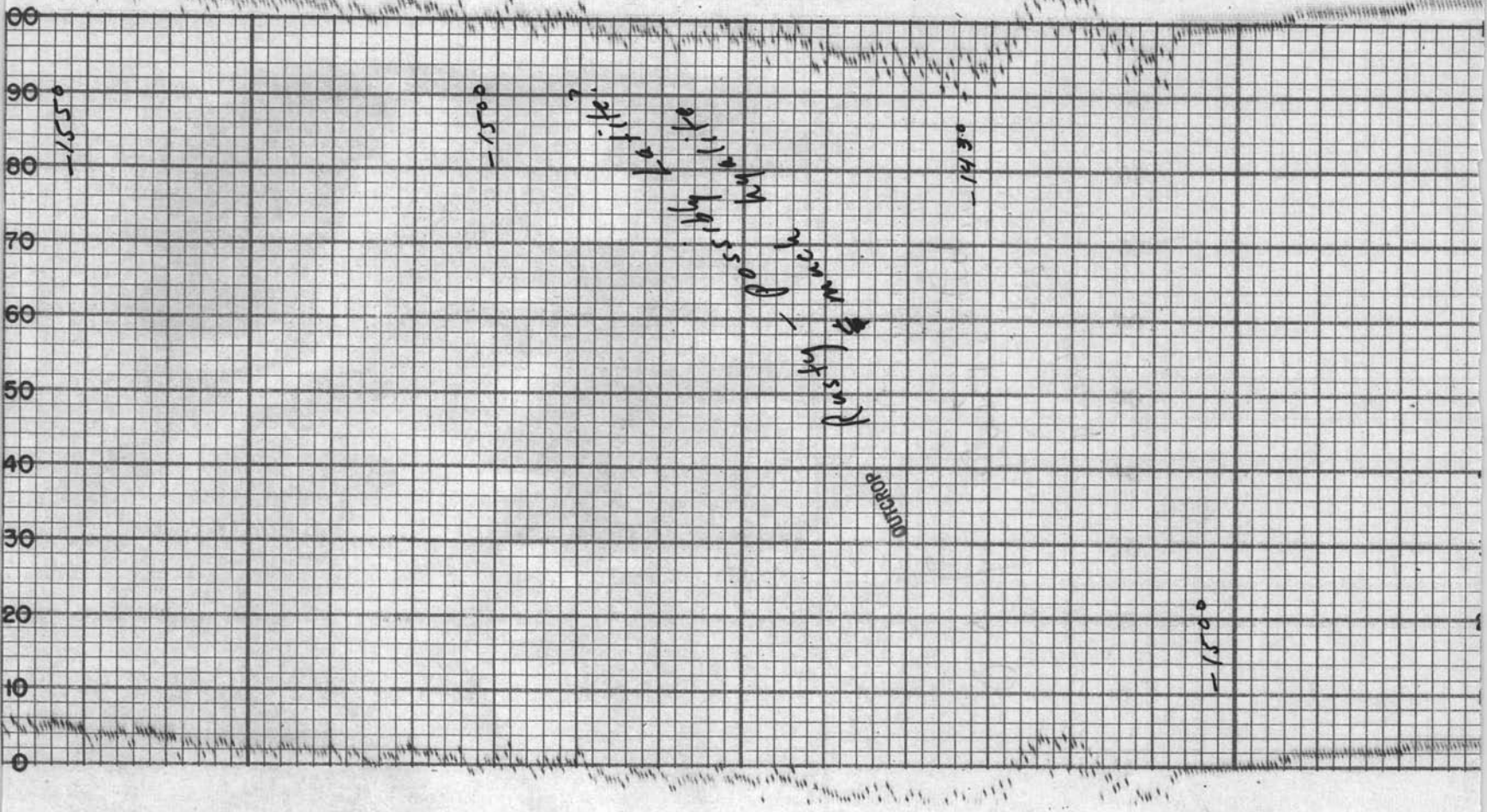

some ball quartz float
1150
1500
ROAD JUNCTION
1420
1070
Andesite
1450
1000

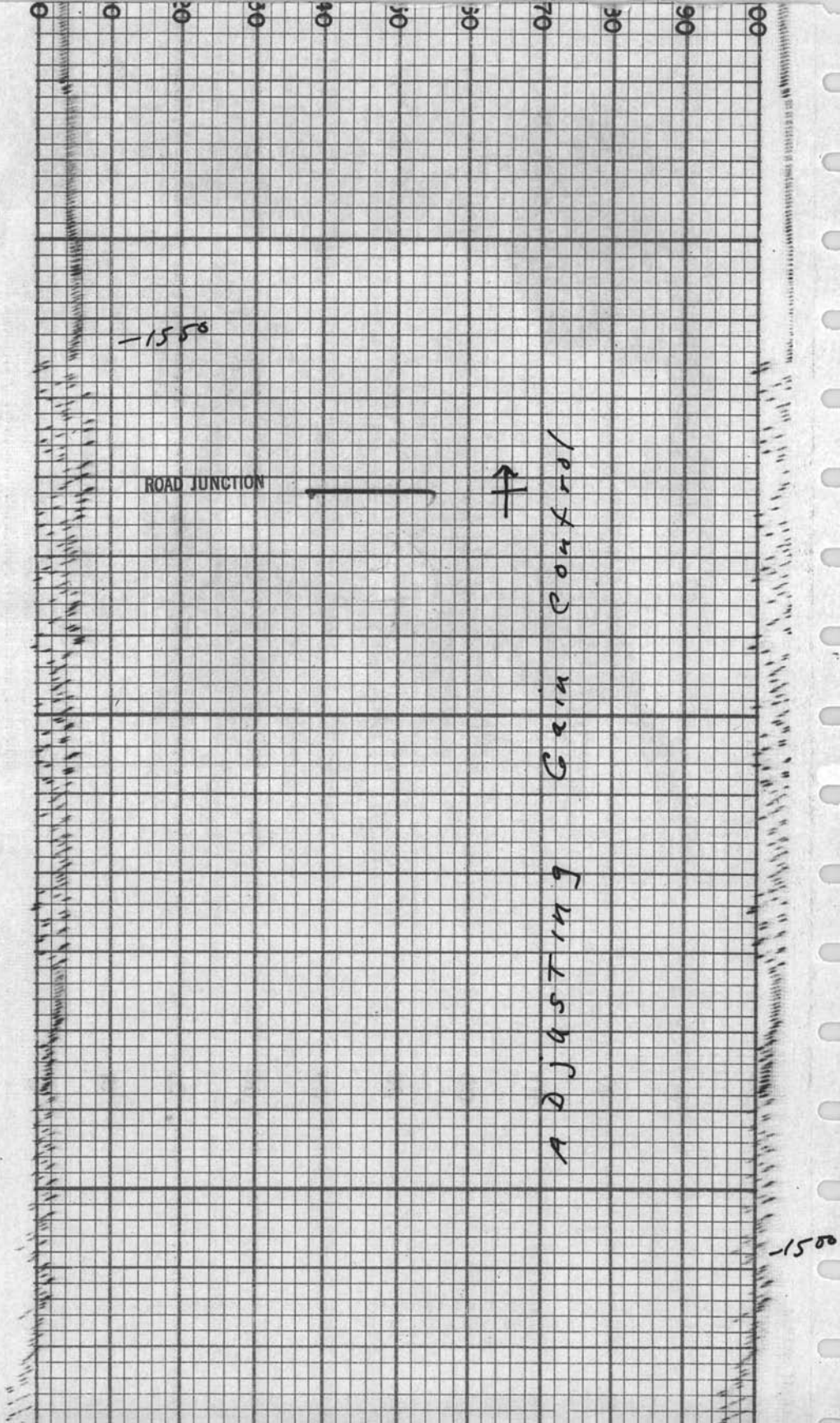


MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. E.S.

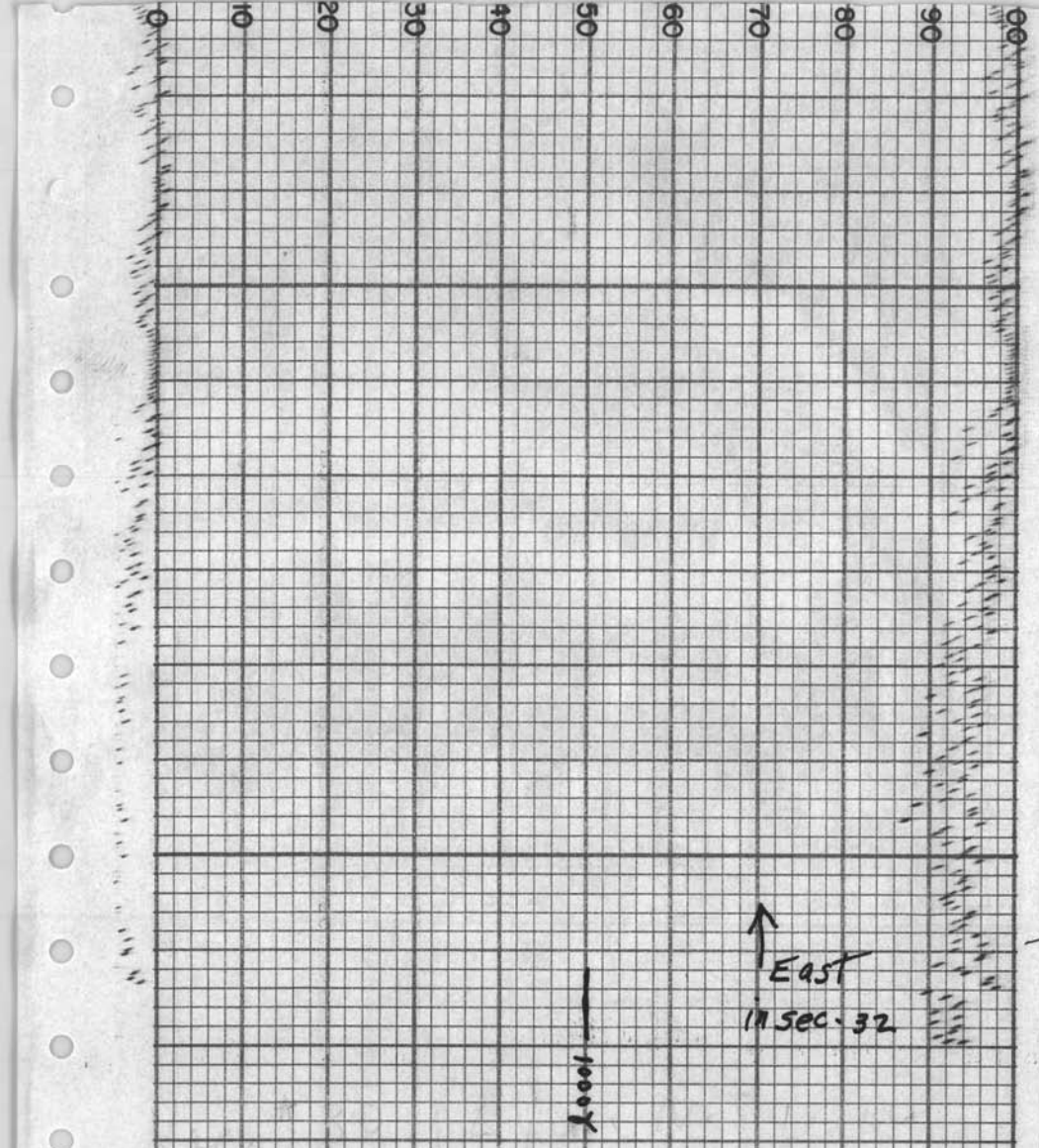

0
10
20
30
40
50
60
70
80
90
100
Northeast along ridge
Andesite
Andesite
Saddle between hill tops
Andesite

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X





0
10
20
30
40
50
60
70
80
90
100
-1550
ROAD JUNCTION
Adjusting Gain Control
-1500



MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A.

-145°

E.S.

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 30 DATE 1-22-62

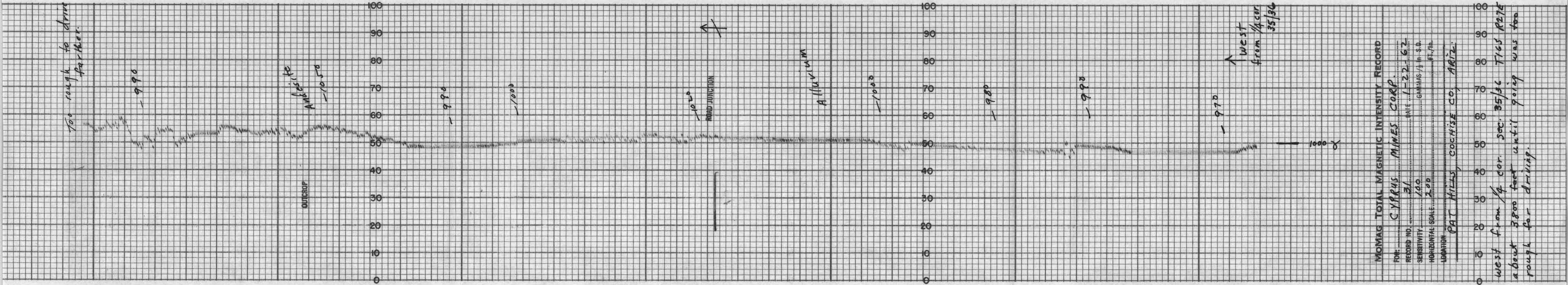
SENSITIVITY 100 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 200 FT./In.

LOCATION PAT HILLS, COCHISE CO. ARIZ.

East from fence in western part of sec. 32 to east sec. line of sec. 35 T 16S R 27E on 3960 feet south of the north section lines.

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X



N-S fence. Just at south edge of small granite hill. Sec. 32

1380

1300

1220

1300

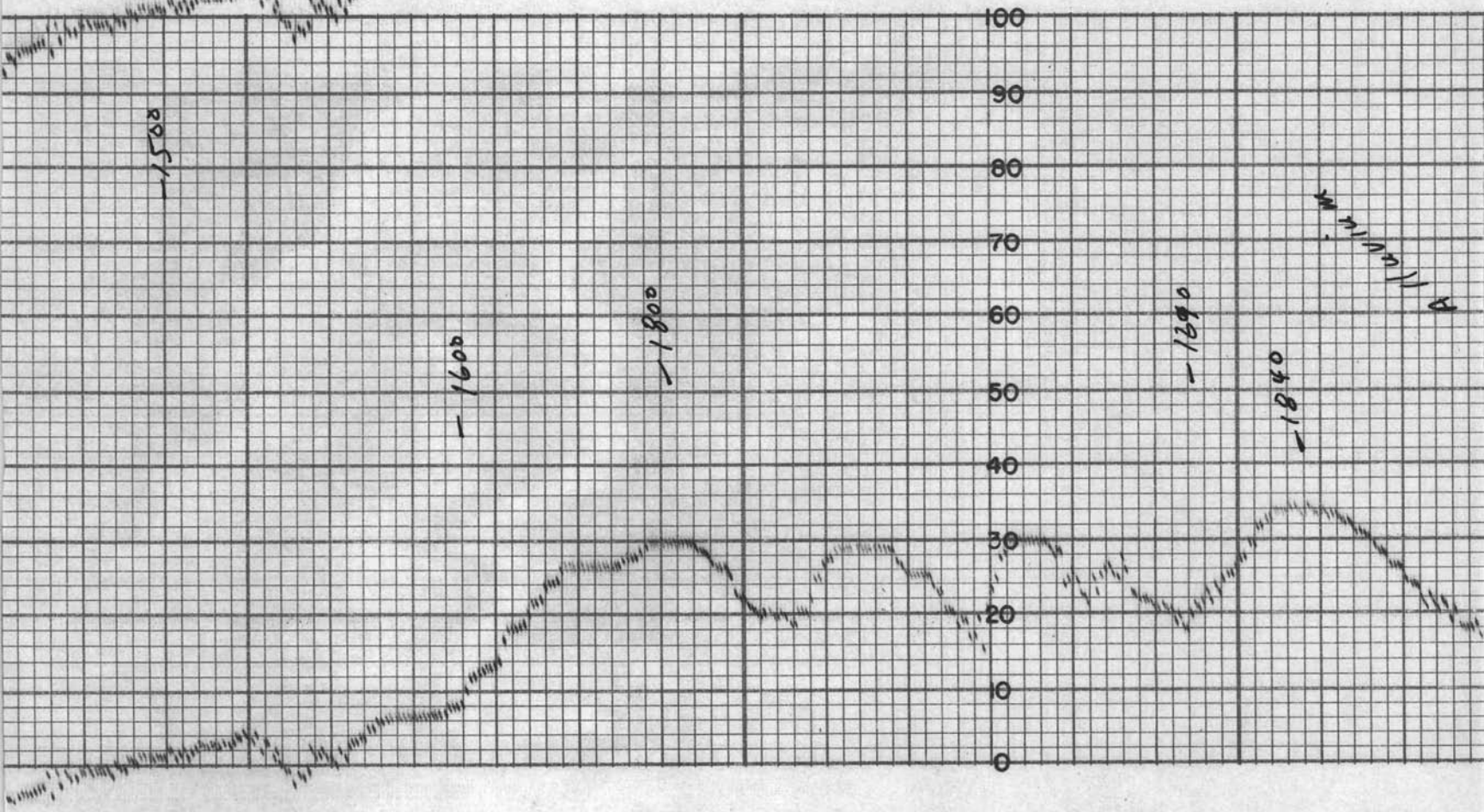
1400

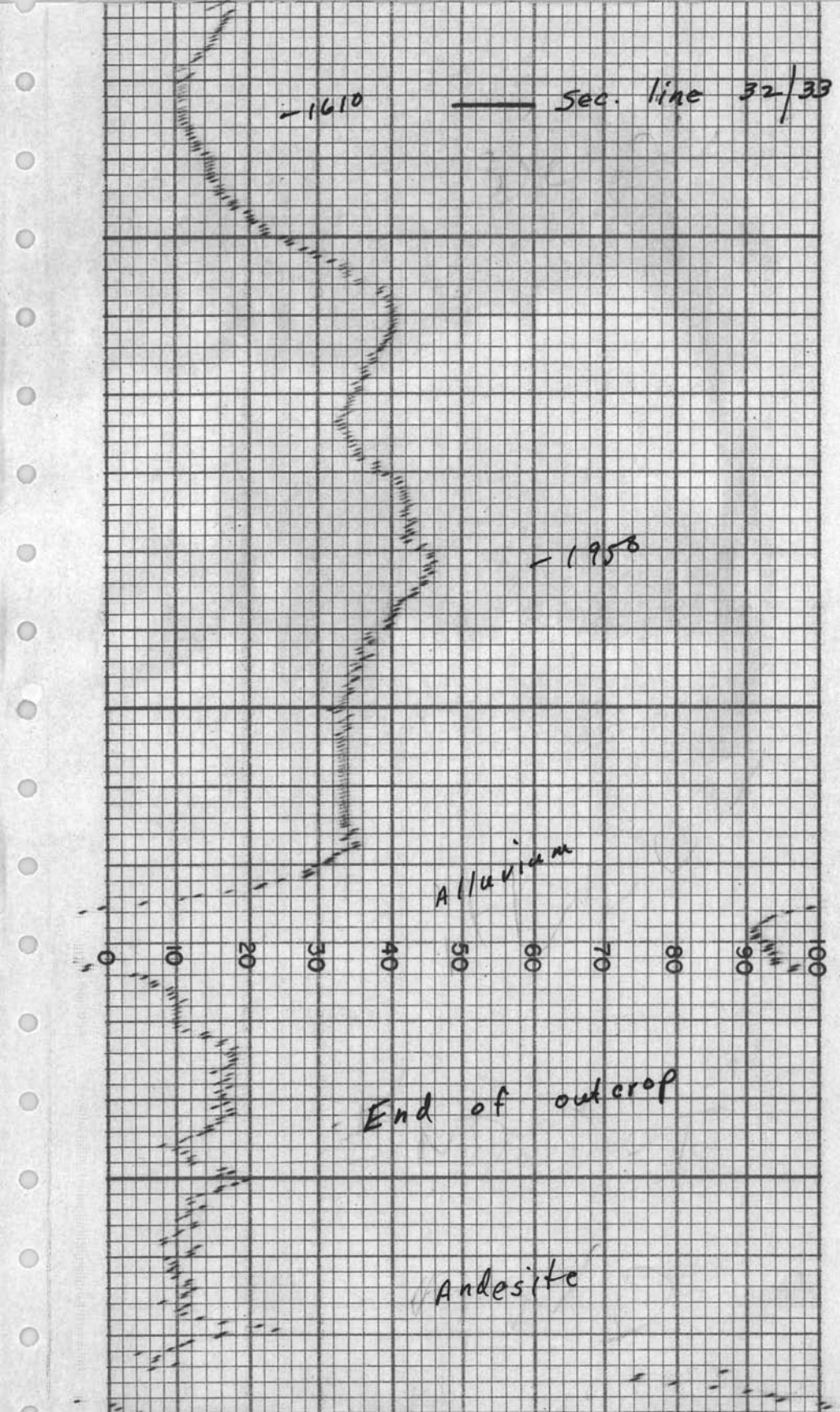
Alluvium

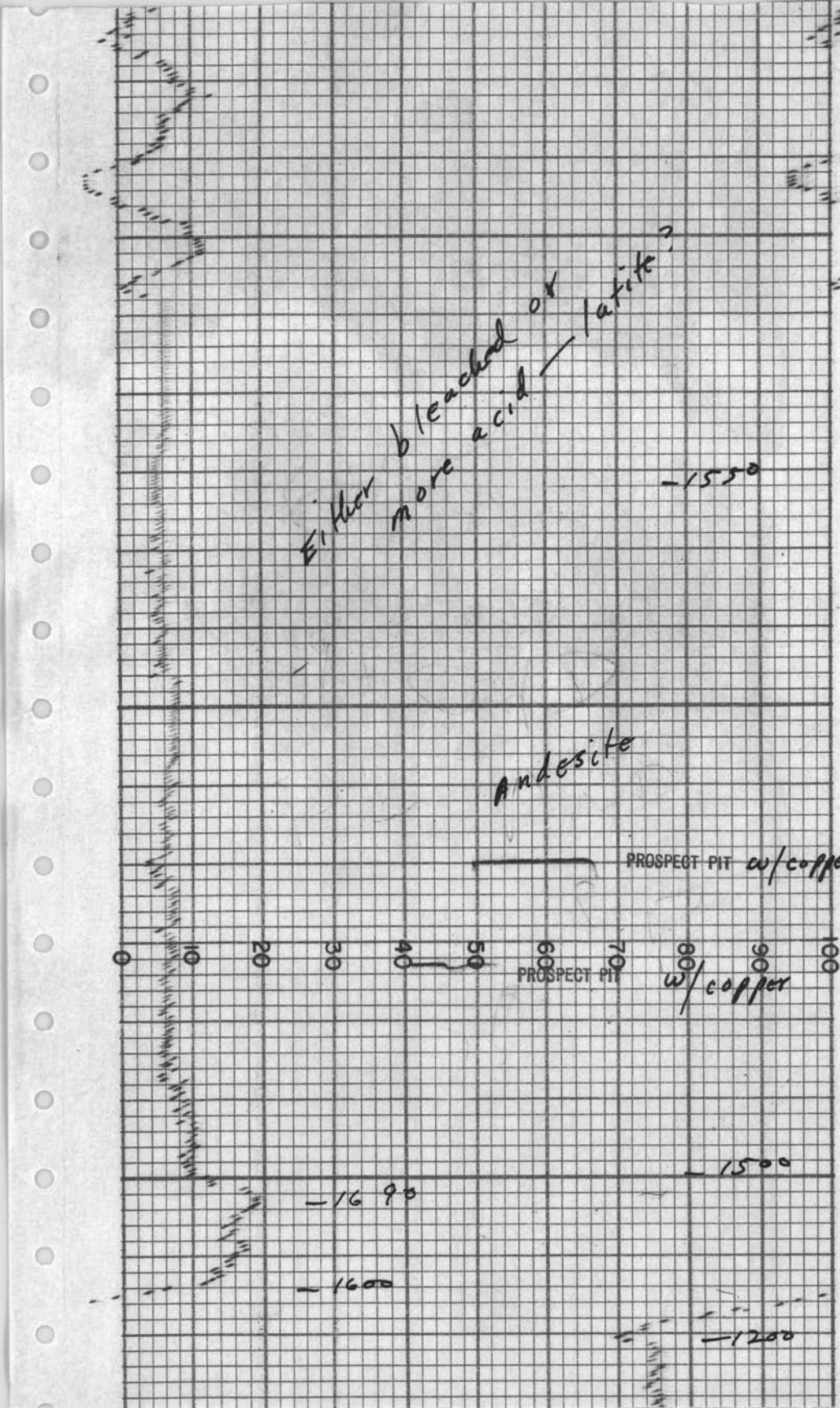
1450

1400

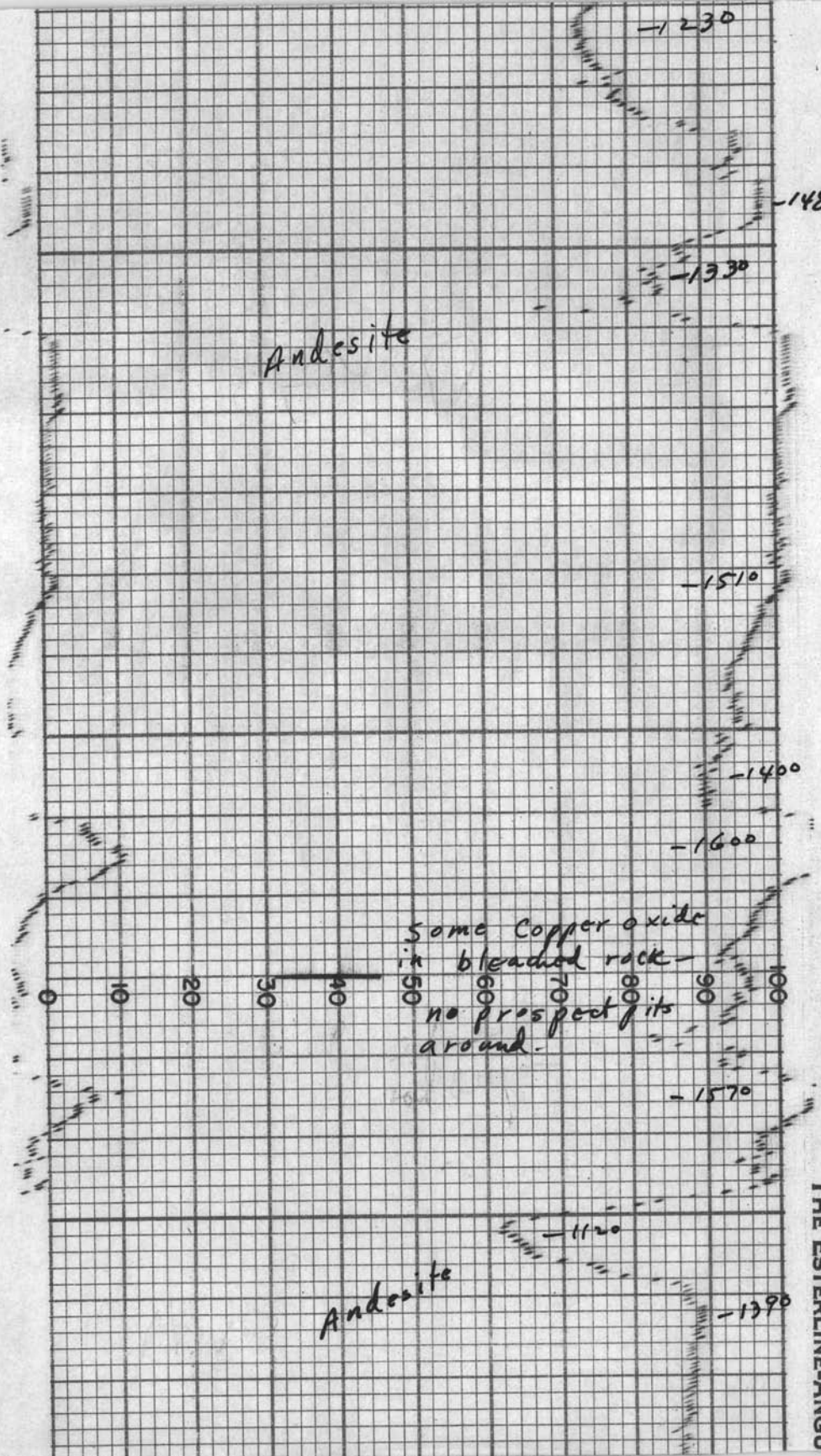
THE ESTERLINE-ANGUS


100
90
80
70
60
50
40
30
20
10
0
1550
1600
1800
1890
1840

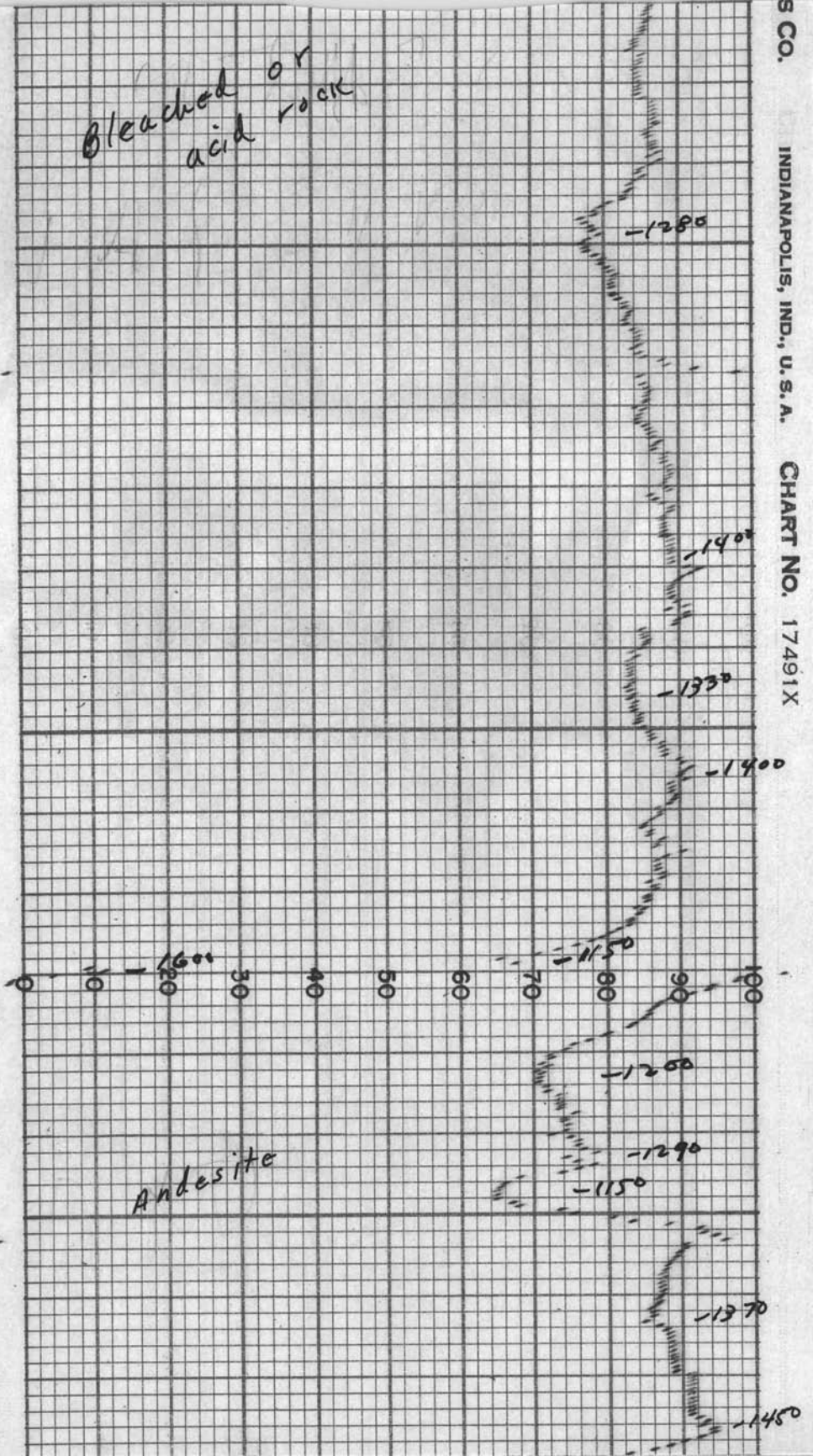

-1610
Sec. line 32/33
-1950
Alluvium
0
10
20
30
40
50
60
70
80
90
100
End of outcrop
Andesite



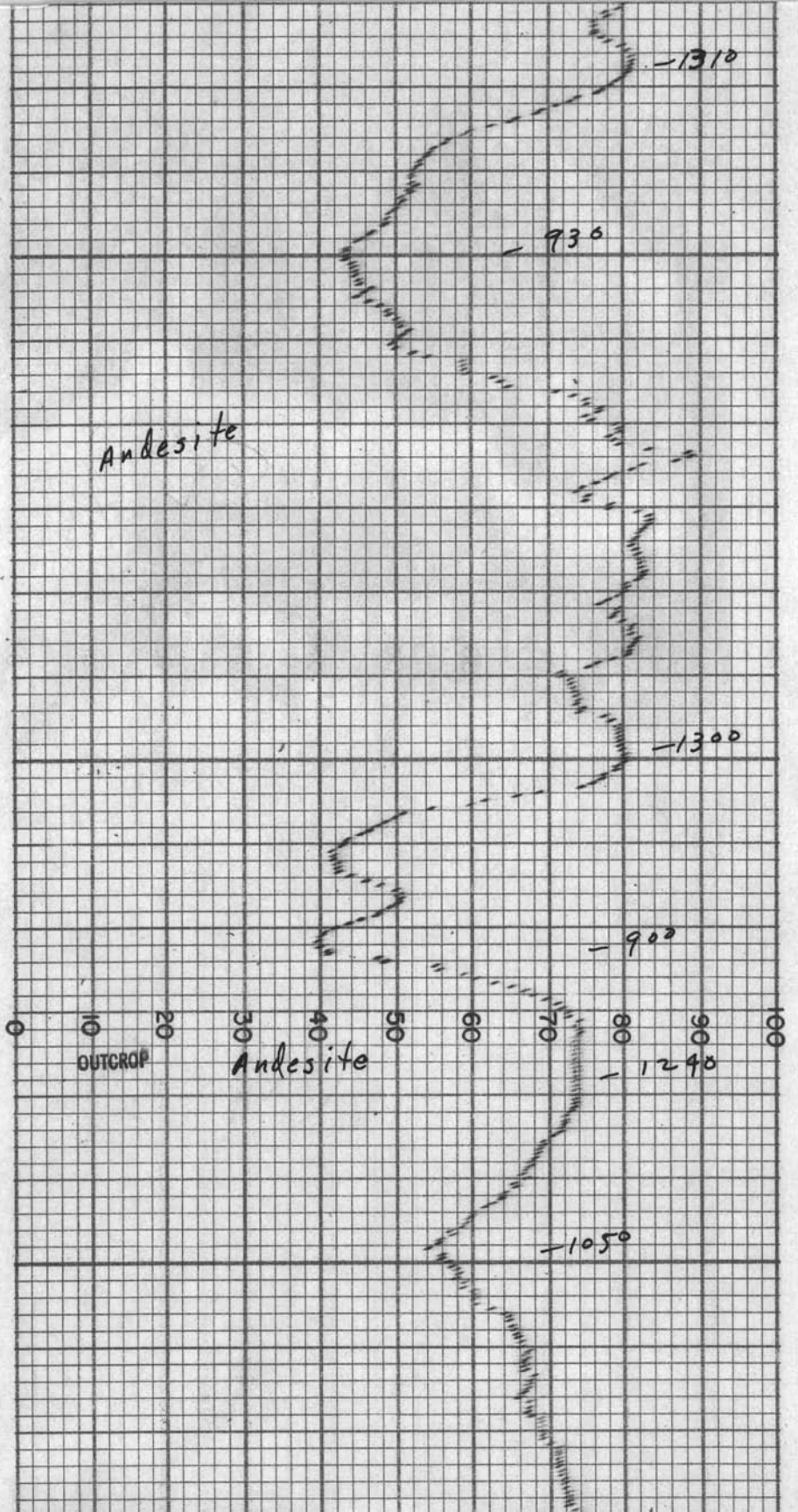
ESTERLINE-ANGUS CO.
INDIANAPOLIS, IND., U.S.A.
E.S.



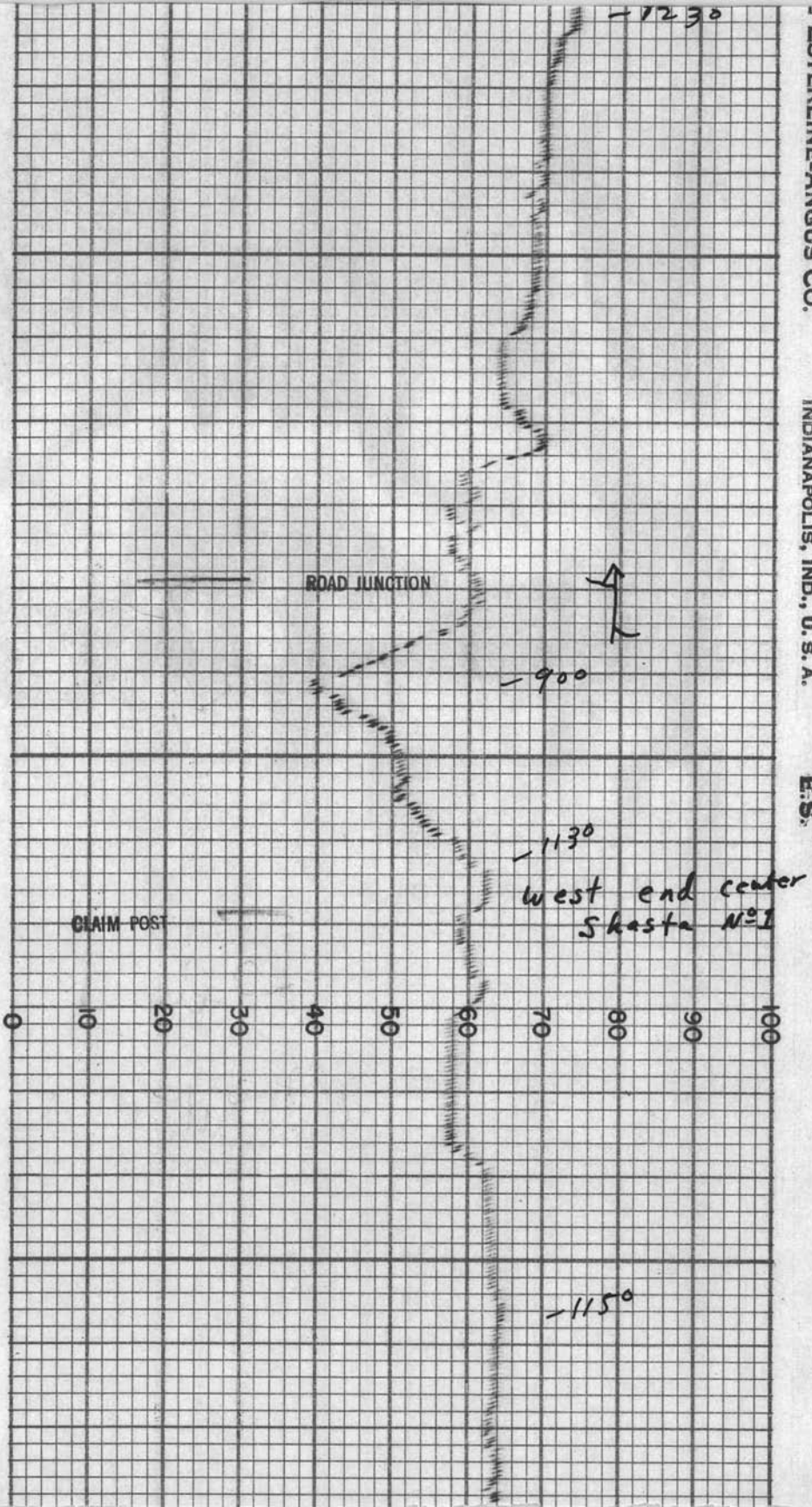
THE ESTERLINE-ANGU



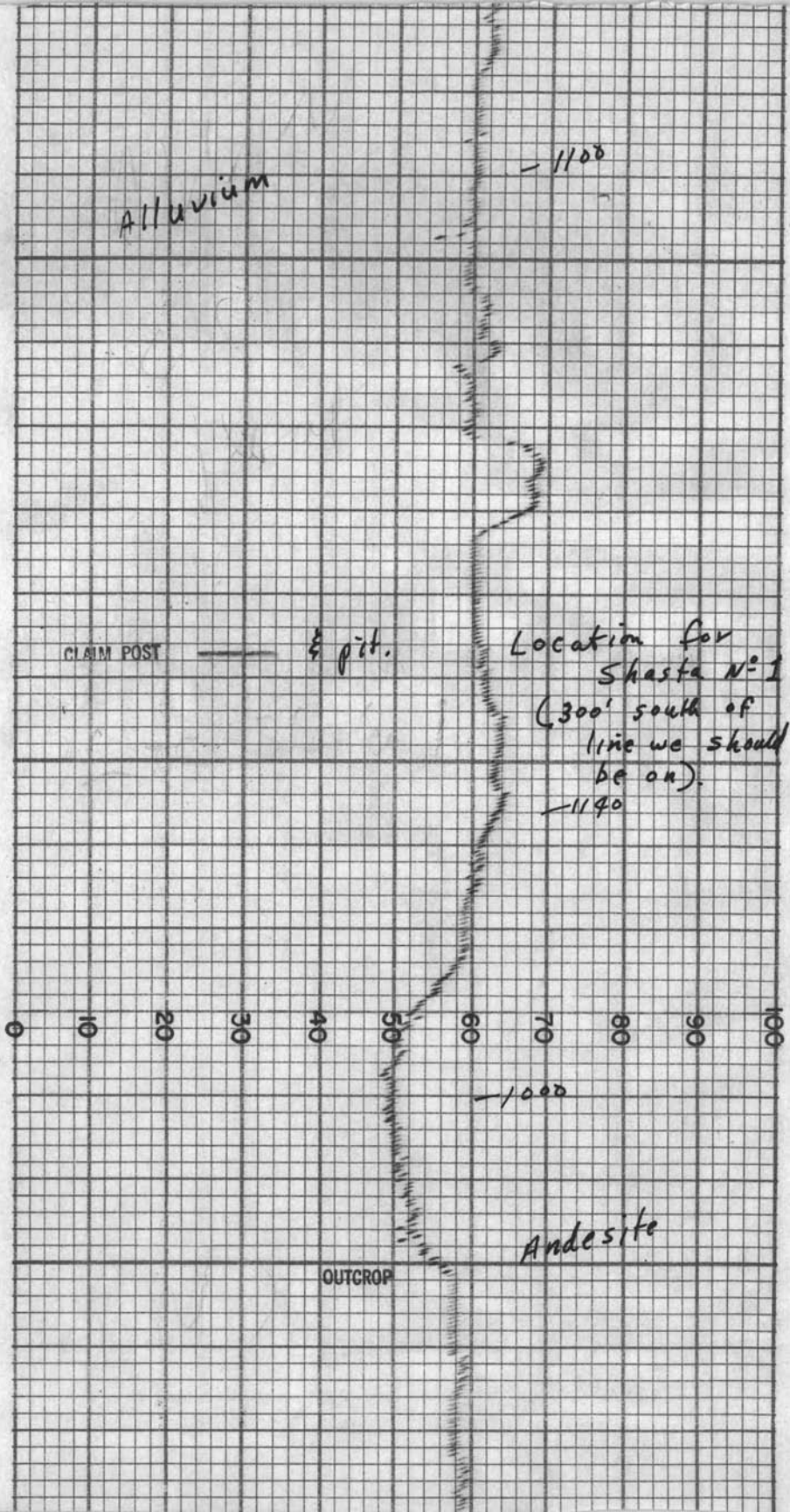
S CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X



MADE IN U.S.A. THI

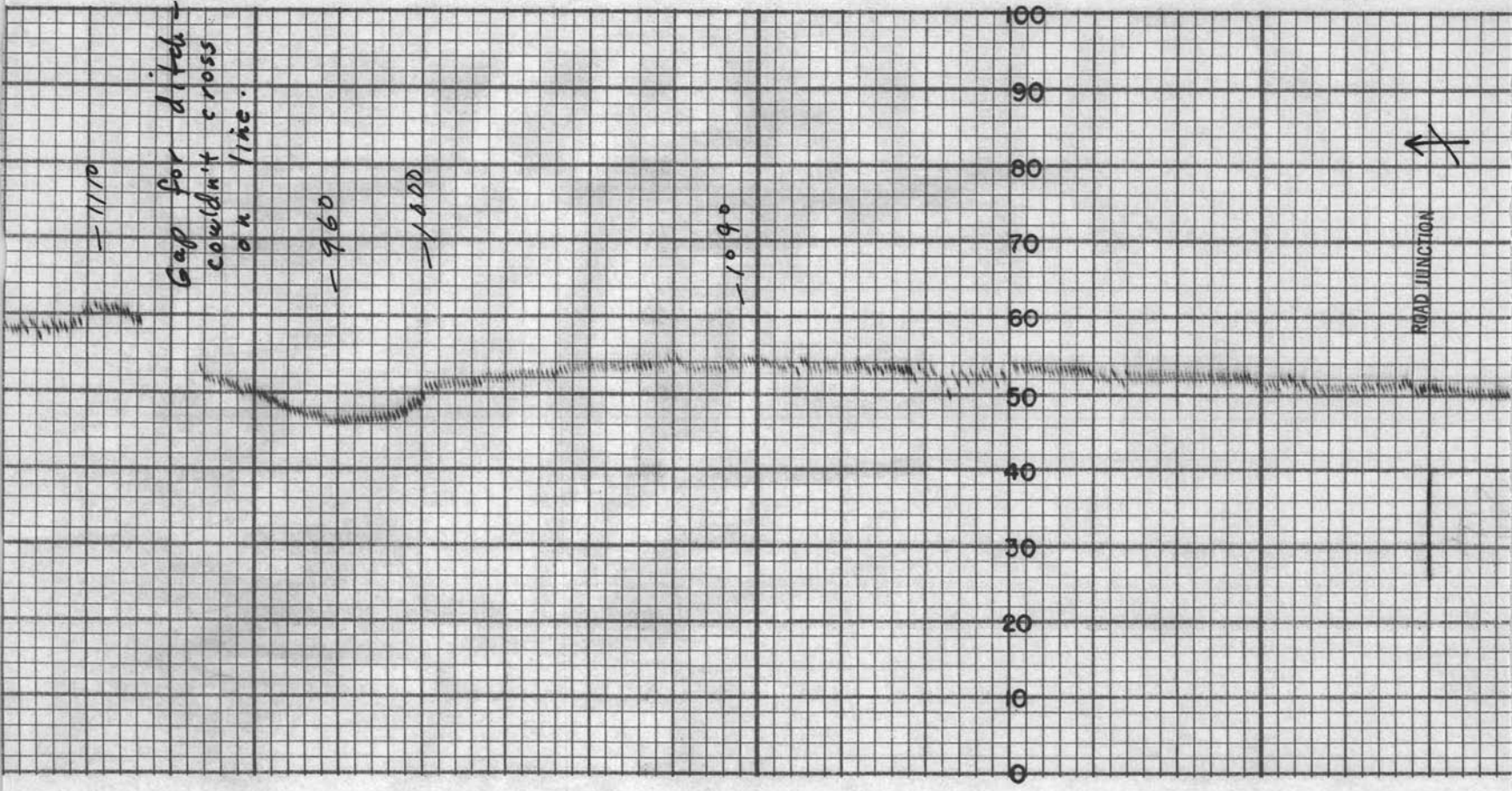


E ESTERLINE-ANGUS CO.
INDIANAPOLIS, IND., U. S. A.
E.S.

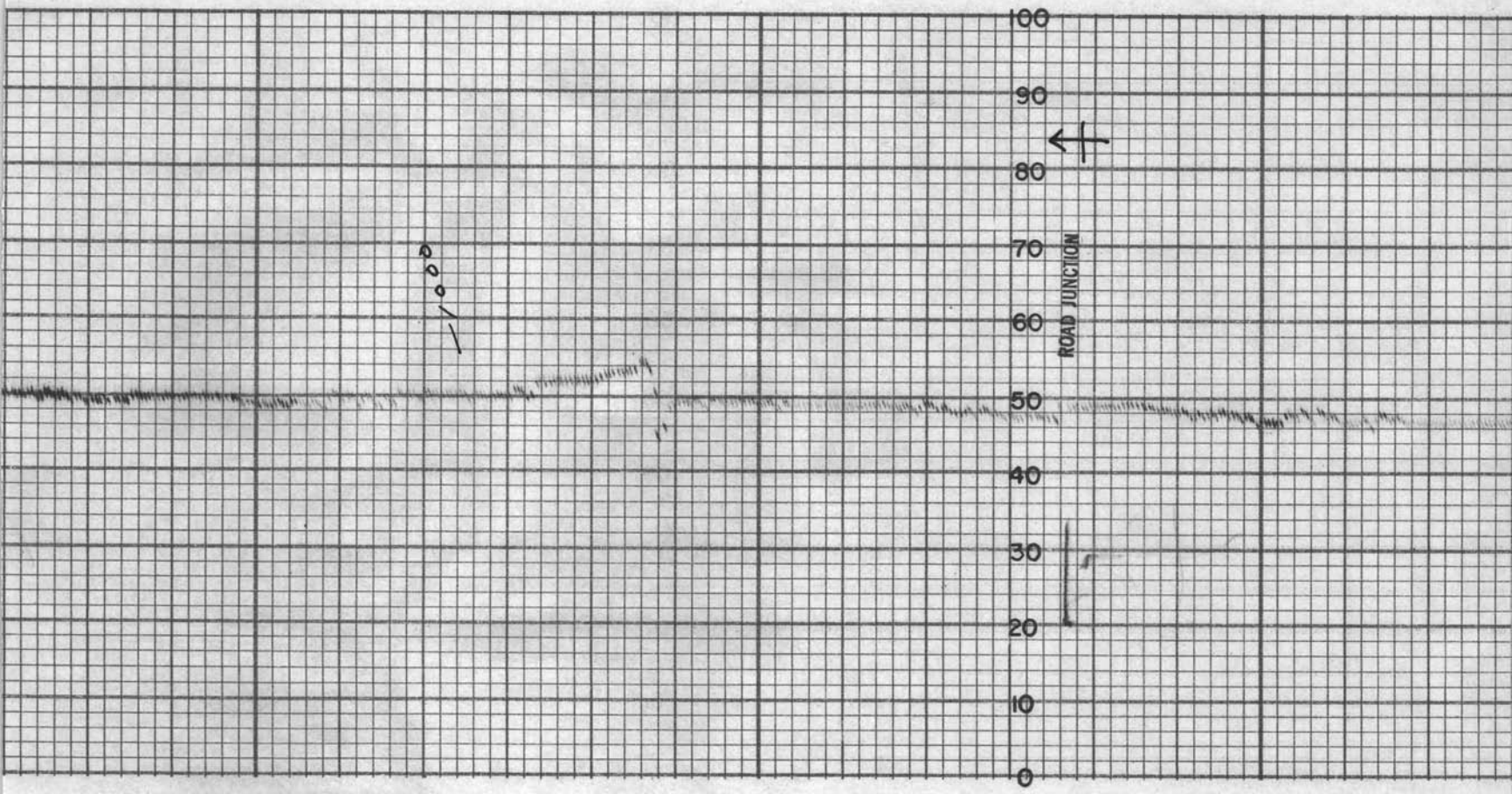


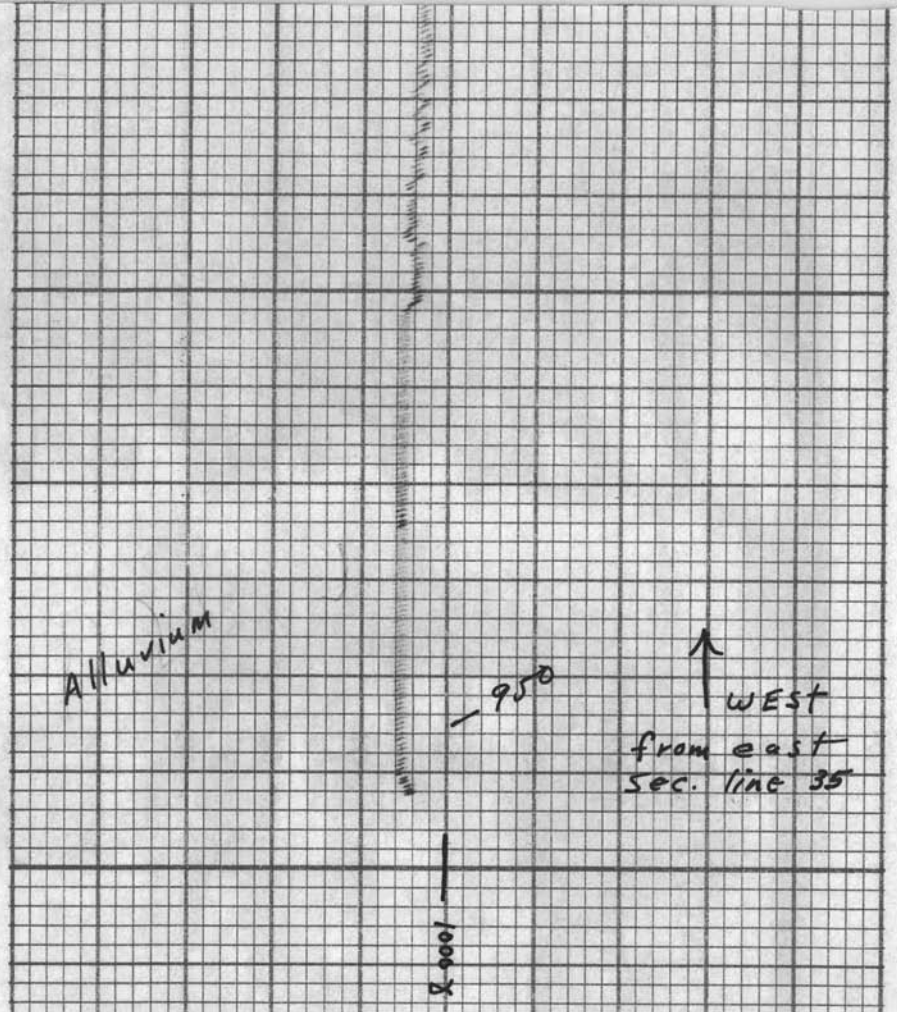
THE ESTERLINE-ANGU

S CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X



MADE IN U. S. A. THE





0 10 20 30 40 50 60 70 80 90 100

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 32 DATE 1-22-62

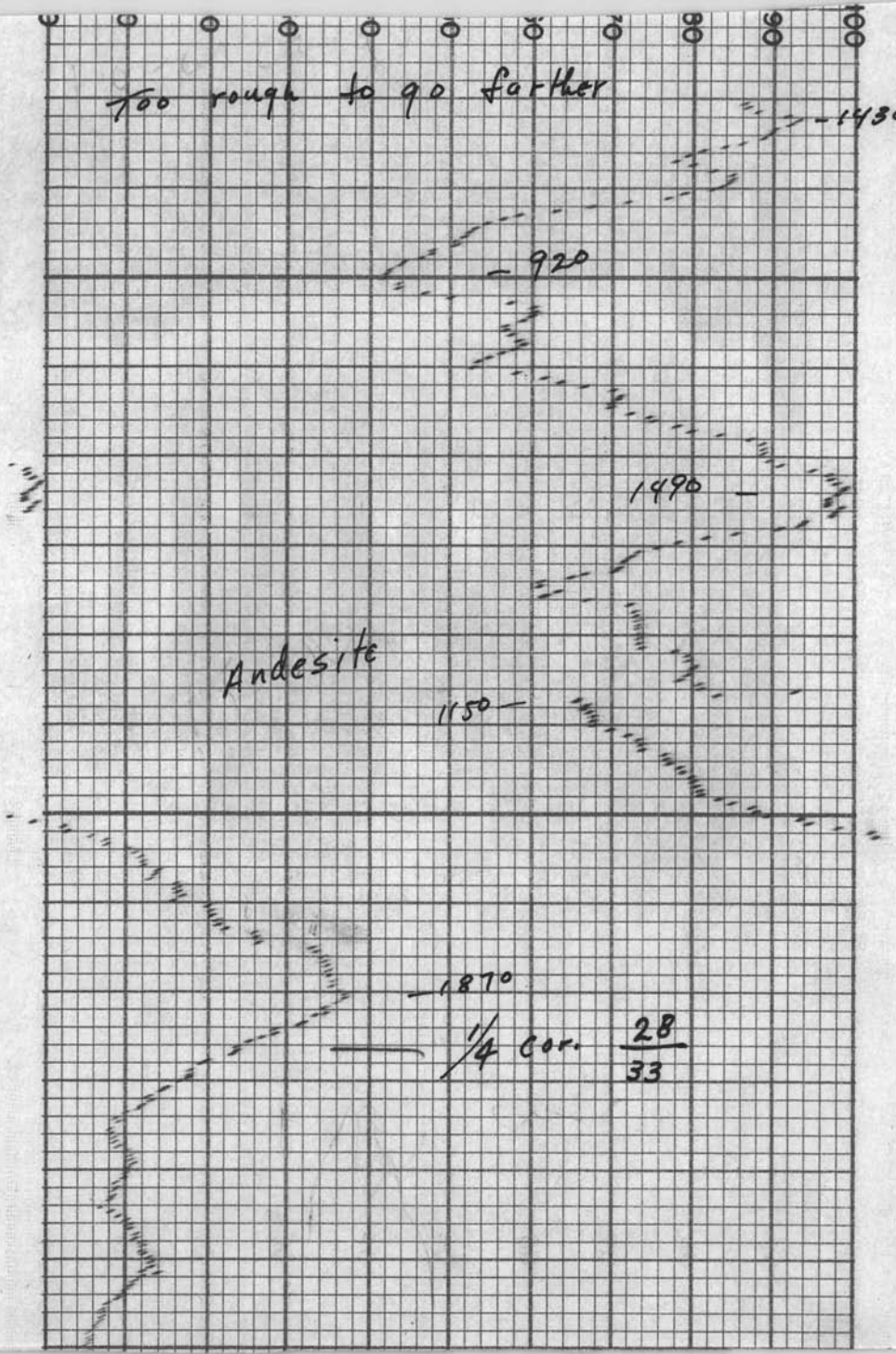
SENSITIVITY 100 GAMMAS / 1/8 In. S.D.

HORIZONTAL SCALE 200 FT./In.

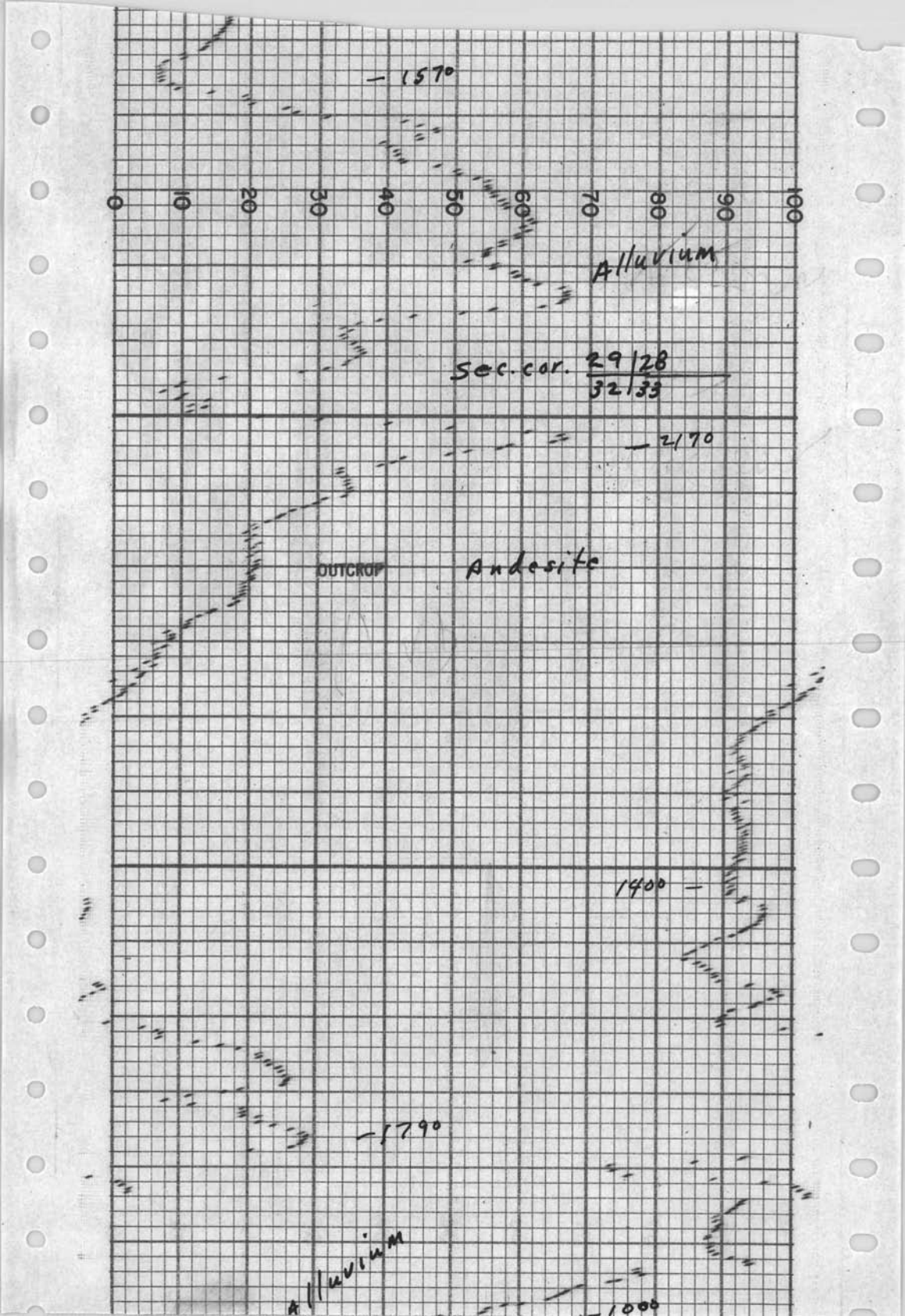
LOCATION PAT HILLS, COCHISE CO. ARIZ.

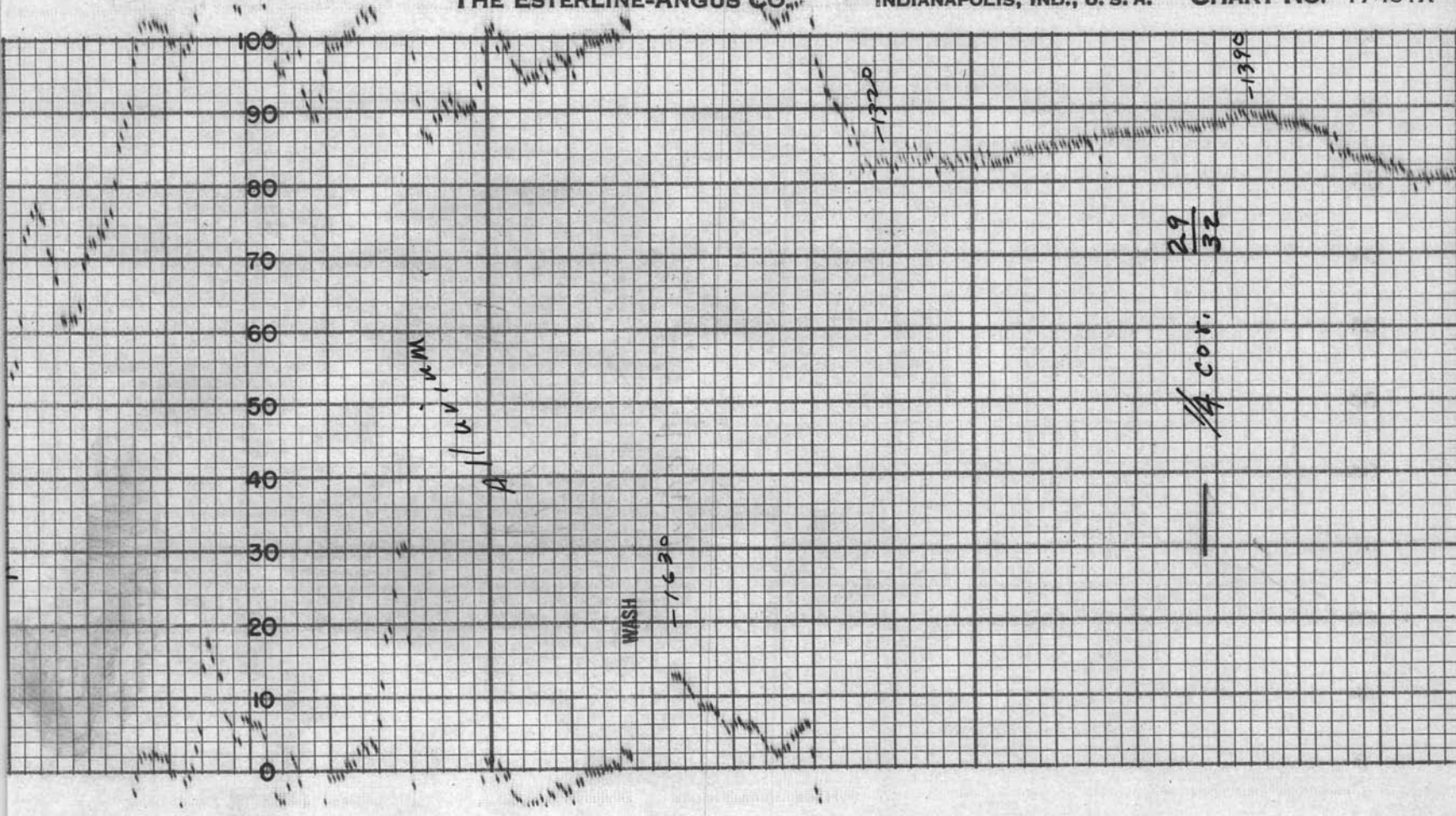
west from east section line of sec. 35 to 3/4 across section 32, T16S R27E on line 1320 feet south of the north section line

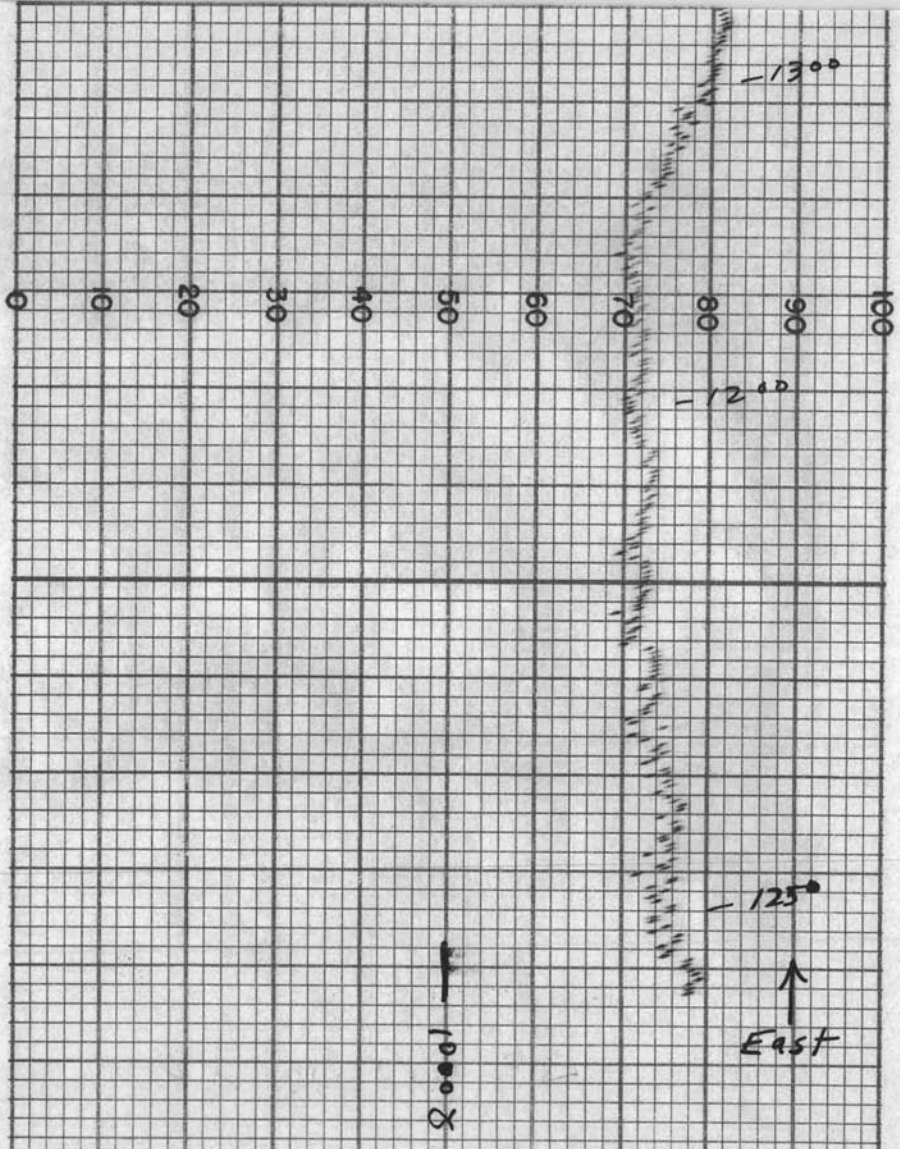
ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. E.S.


Too rough to go farther
1430
920
1490
Andesite
1150
1870
1/4 Cor.
28
33

MADE IN U. S. A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A.


1570
0
10
20
30
40
50
60
70
80
90
100
Alluvium
Sec. cor. 29/28
32/33
2170
OUTCROP
Andesite
1400
1790
Alluvium
1000


100
90
80
70
60
50
40
30
20
10
0
WASH
-1630
-1390
29/32
1/4 cor.



MoMag Total Magnetic Intensity Record

FOR: CYPRUS MINES CORP.

RECORD NO. 33 DATE 1-22-62

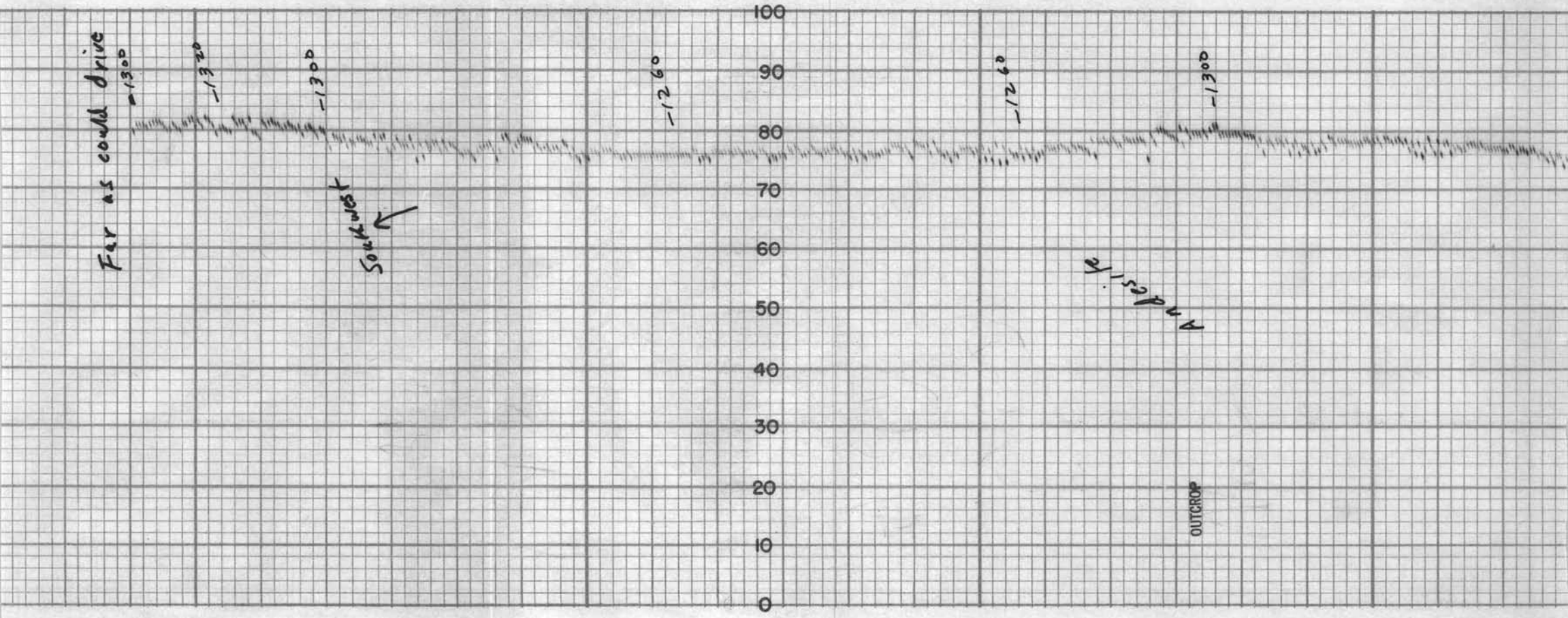
SENSITIVITY 100 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 200 FT./In.

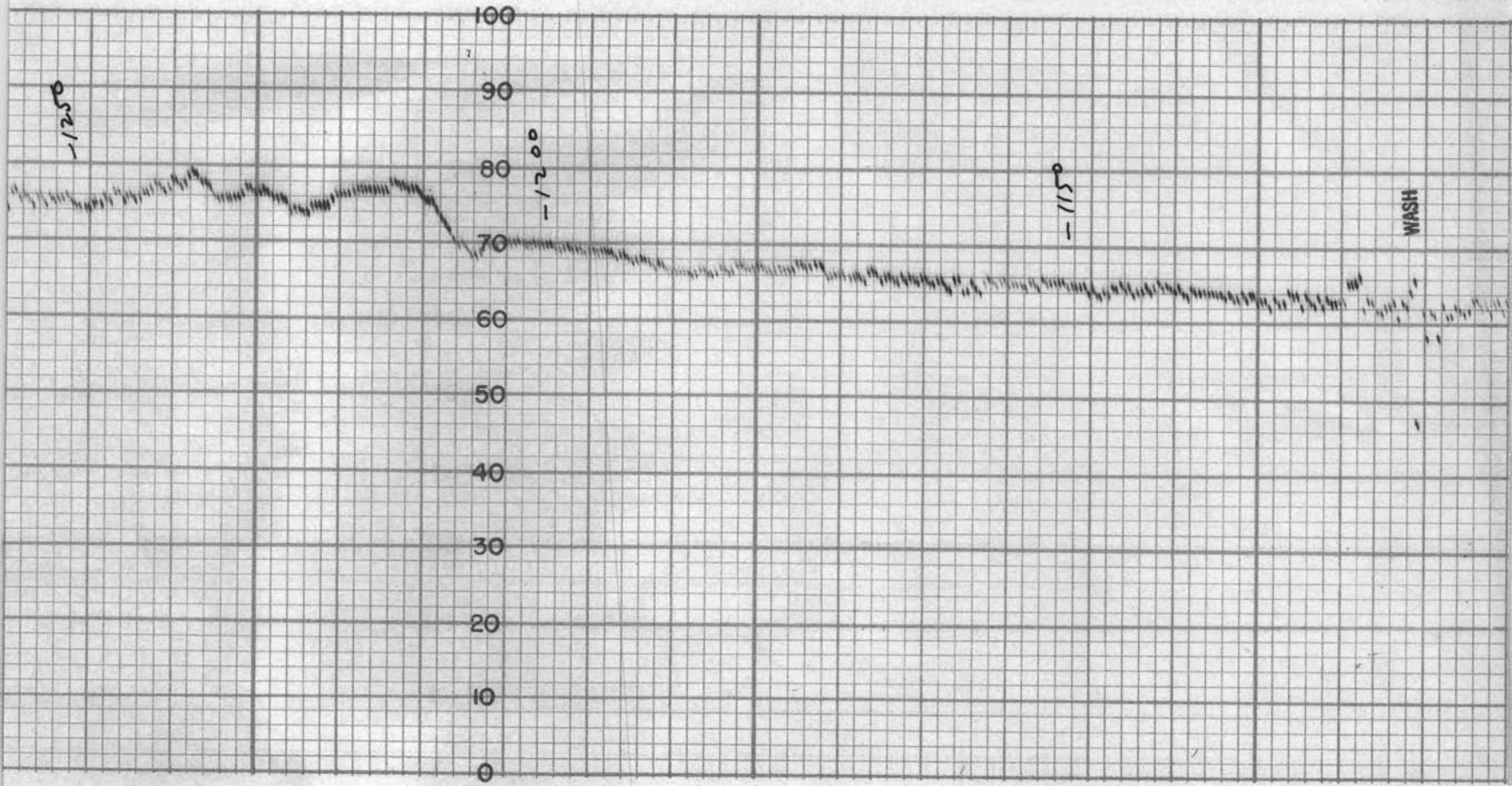
LOCATION RAT HILLS, COCHISE CO., ARIZ.

East on section line. From 1320 feet east of 30/29 31/32 to about 1100 feet east of 1/4 cor. 28/33 T16S R27E

CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X



MADE IN U. S. A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS



, IND., U.S.A.

ES

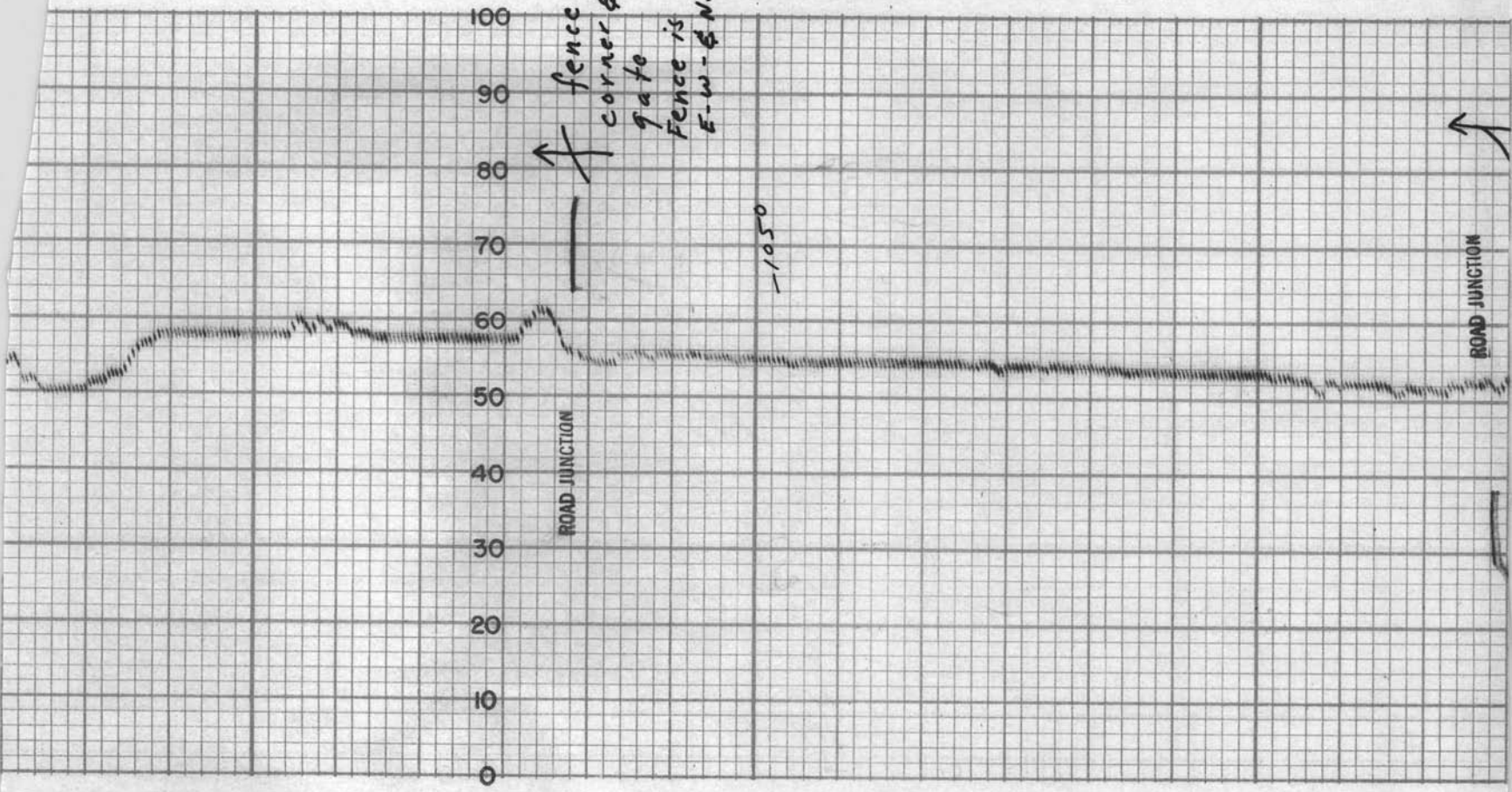
0 10 20 30 40 50 60 70 80 90 100

ROAD JUNCTION

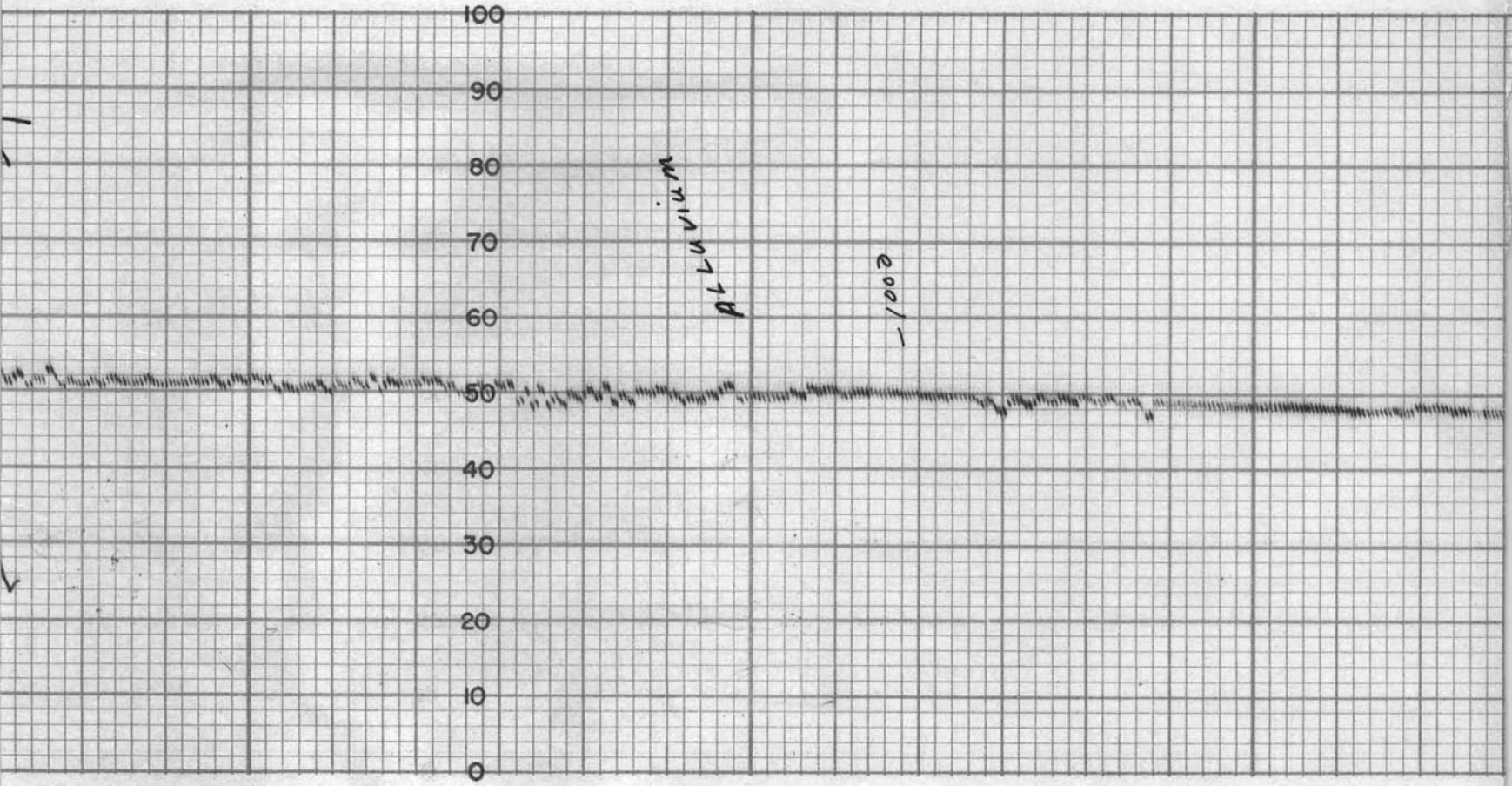
sec. cor. & gate

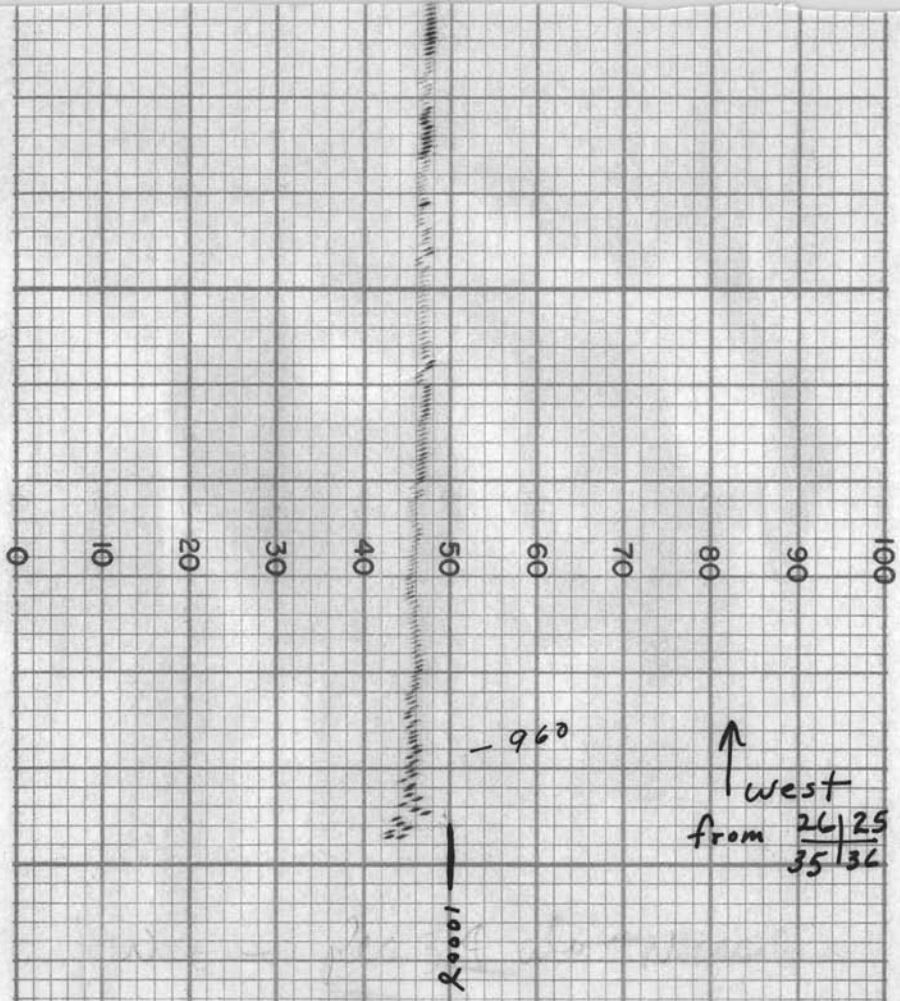
27 | 26
34 | 35

- 1100


100
90
80
70
60
50
40
30
20
10
0
fence
corners
gate
Fence is
E-W-&N.
1050
ROAD JUNCTION
ROAD JUNCTION

RT NO. 17491X





MoMag Total Magnetic Intensity Record

FOR: CYPRUS MINES CORP.

RECORD NO. 34 DATE 1-22-62

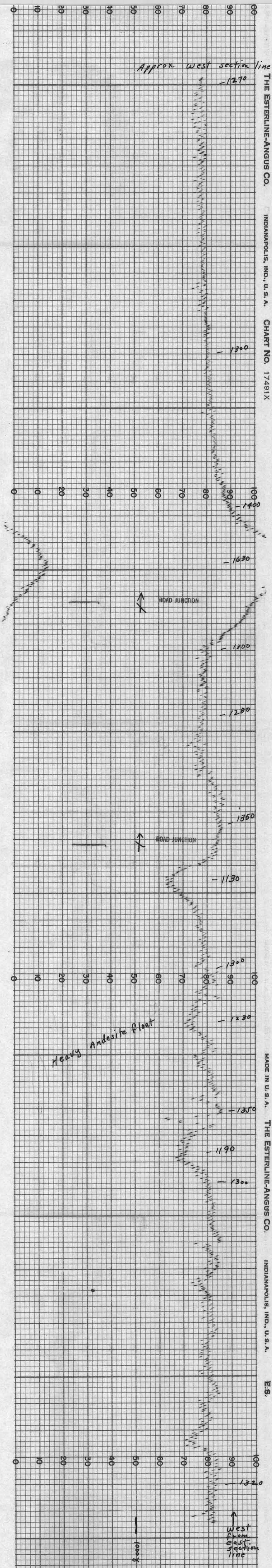
SENSITIVITY 100 GAMMAS /½ In S.D.

HORIZONTAL SCALE 200 FT./In.

LOCATION PAT HILLS, COCHISE CO., ARIZ.

west from sec. cor. 26|25 / 35|36 to east of cor. 28|27 / 33|34 T16S R27E

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS



THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. E.S.

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

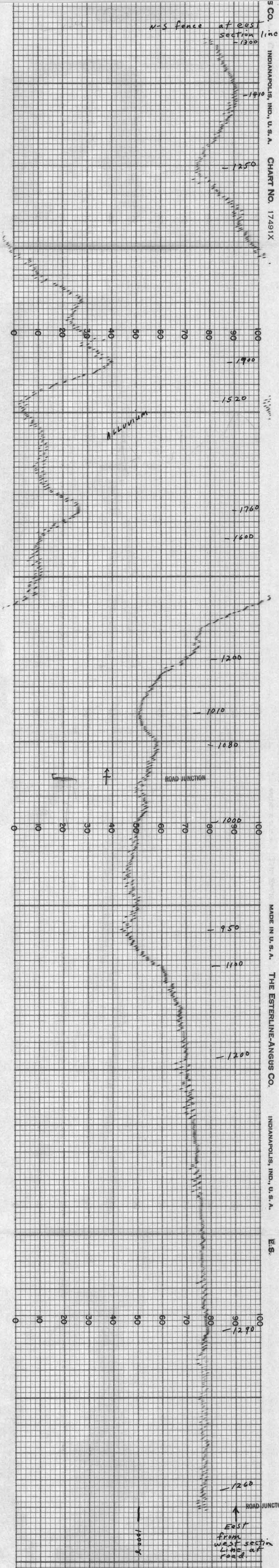
RECORD NO. 35 DATE 1-29-62

SENSITIVITY 100 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 200 FT./In.

LOCATION PAT HILLS, COCHISE CO., ARIZ.

west across sec. 4 T 17S R27E on 660 feet south of the north section line.



MoMag TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 36 DATE 1-29-62

SENSITIVITY 100 GAMMAS /½ In S.D.

HORIZONTAL SCALE 200 FT./In.

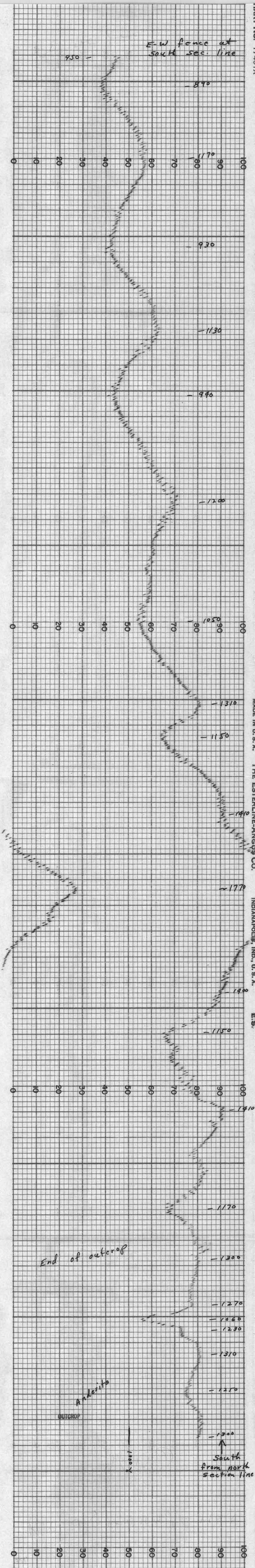
LOCATION

PAT HILLS, COCHISE CO. ARIZ.

East across Sec. 4, T17S, R27E on a line 1980 feet south of the north section line.

Starts at a road.

S CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X
MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. E.S.



MoMag Total Magnetic Intensity Record

FOR: CYPRUS MINES CORP.

RECORD NO. 37 DATE 1-29-62

SENSITIVITY 100 GAMMAS /½ In S.D.

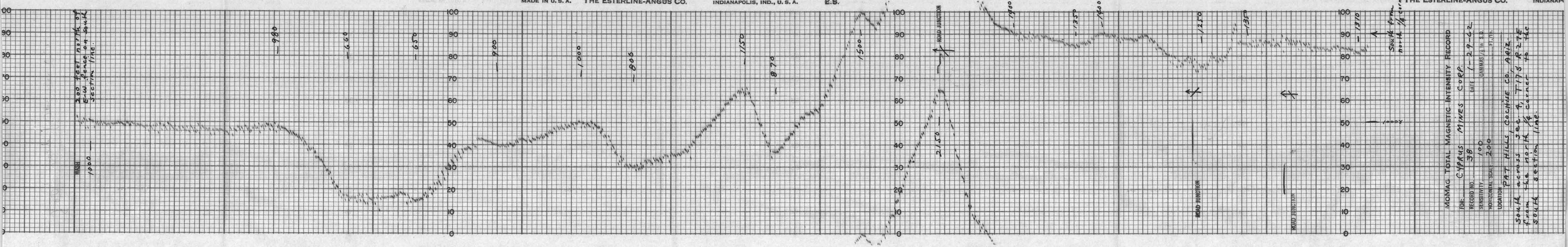
HORIZONTAL SCALE 200 FT./In.

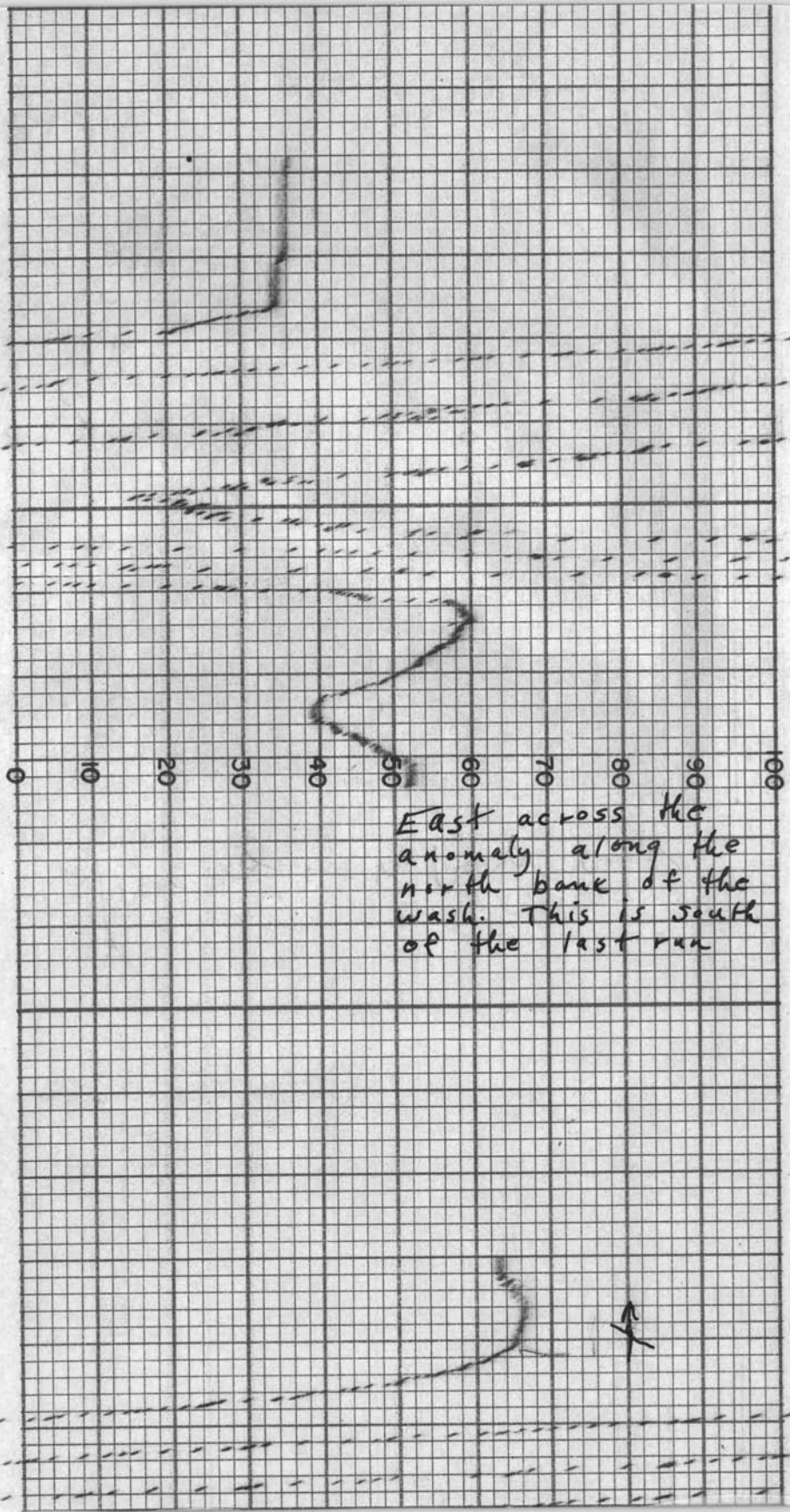
LOCATION PAT HILLS, COCHISE CO., ARIZ.

South across Sec. 4, T17S, R27E on a line 1320 feet west of the east section line.

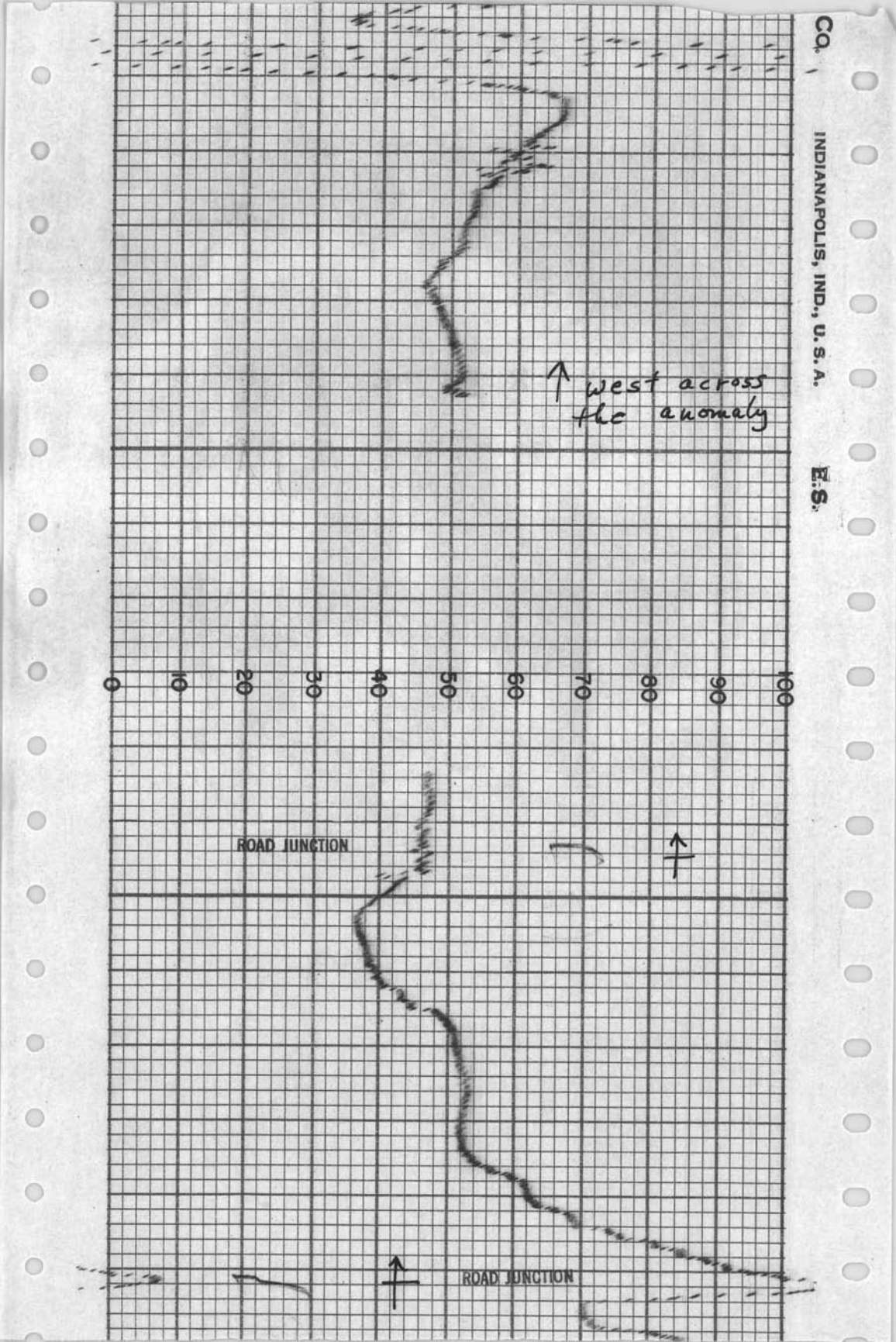
HART NO. 17491X
MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. E.S.
THE ESTERLINE-ANGUS

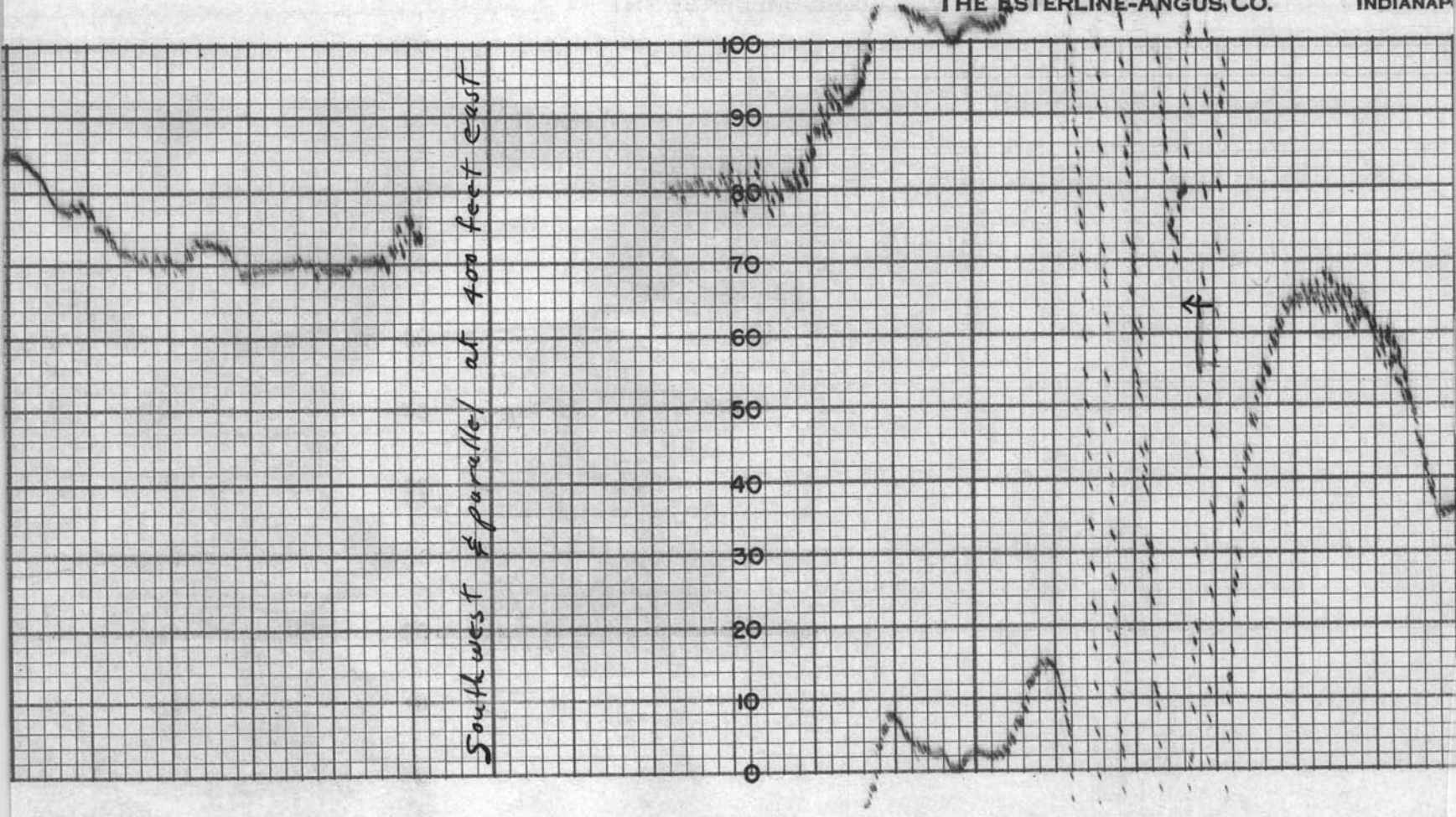
MADE IN U. S. A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A.

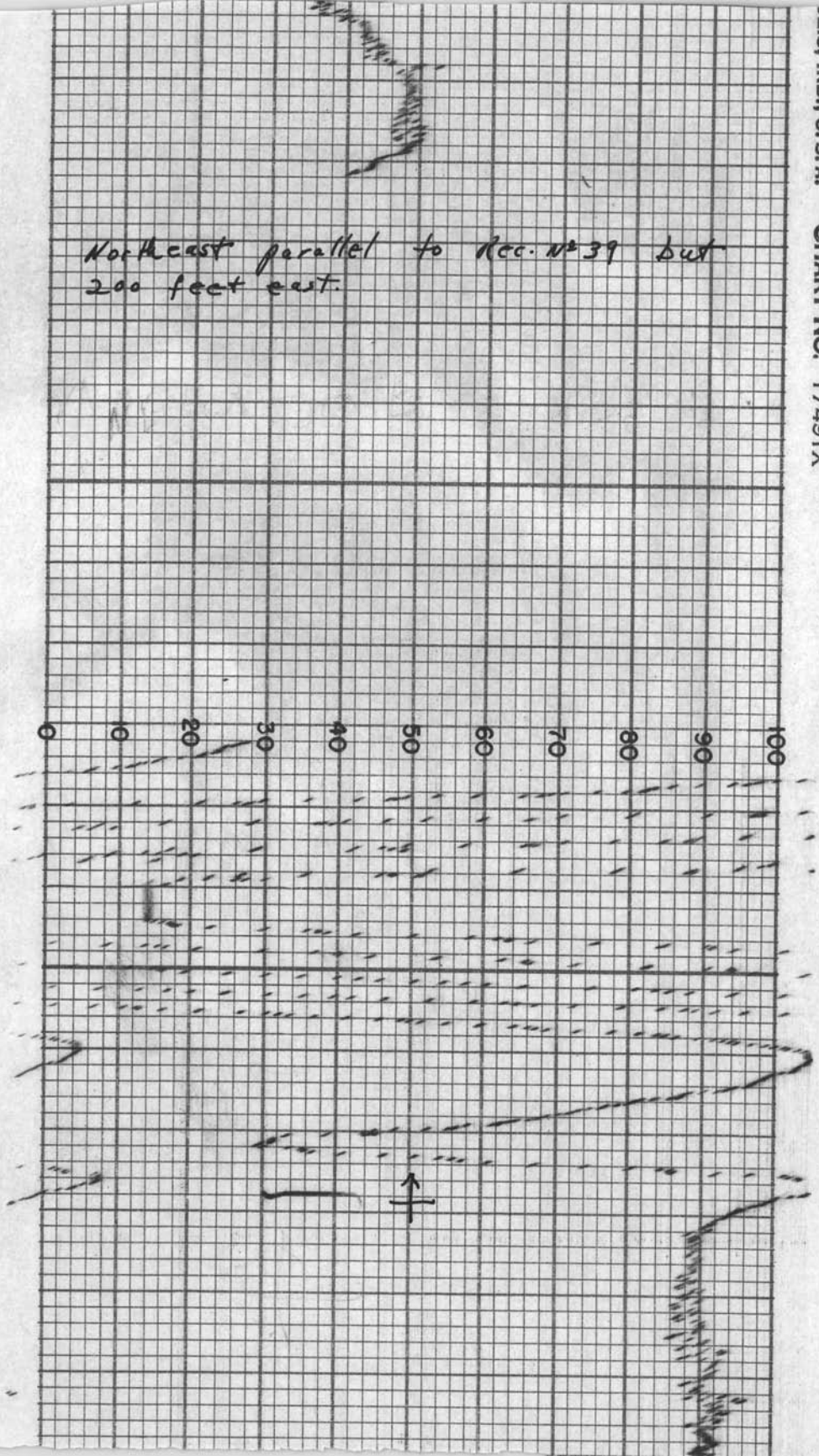




MADE IN U.S.A. THE ESTERLINE-ANGU

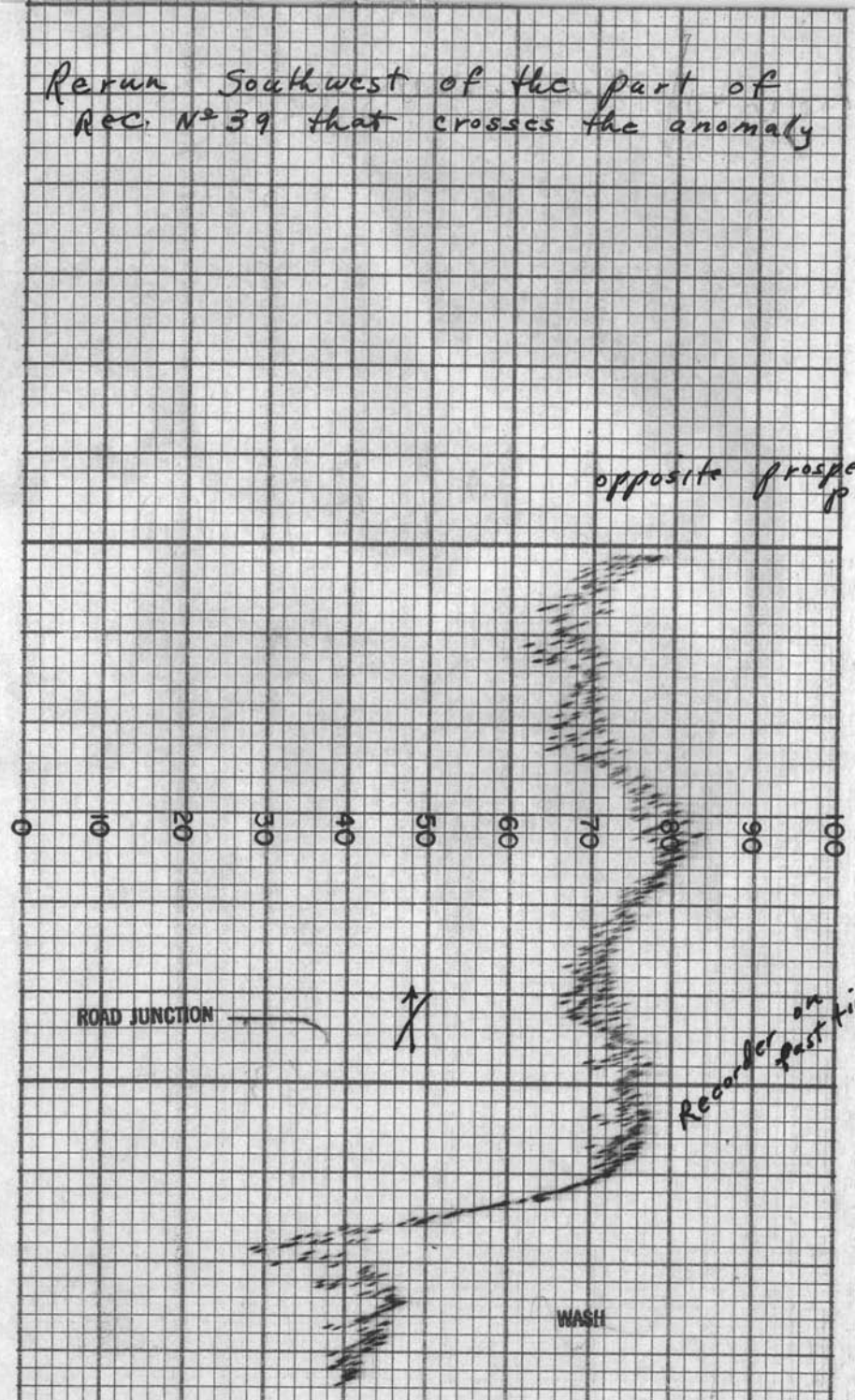

CO.
INDIANAPOLIS, IND., U. S. A.
E.S.
↑ west across the anomaly
0
10
20
30
40
50
60
70
80
90
100
ROAD JUNCTION
ROAD JUNCTION


100
90
80
70
60
50
40
30
20
10
0
Southwest & parallel at 400 feet east



OLIS, IND., U.S.A. CHART NO. 17491X

Rerun Southwest of the part of Rec. N° 39 that crosses the anomaly

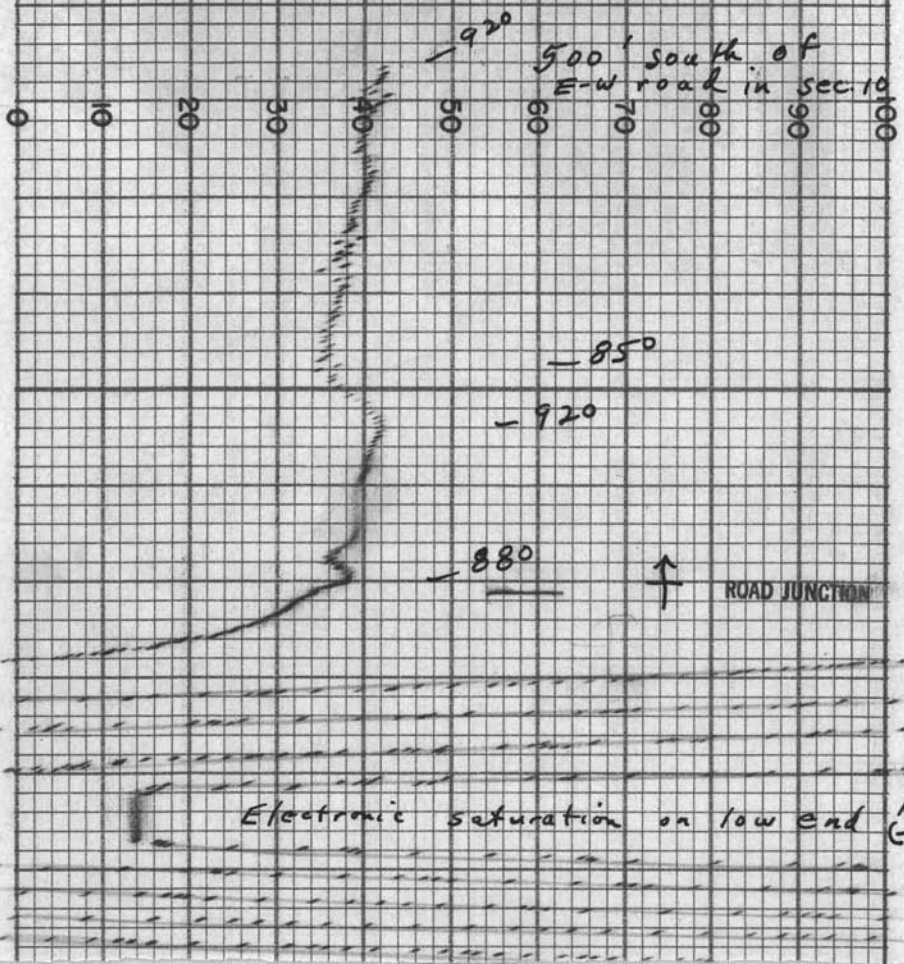


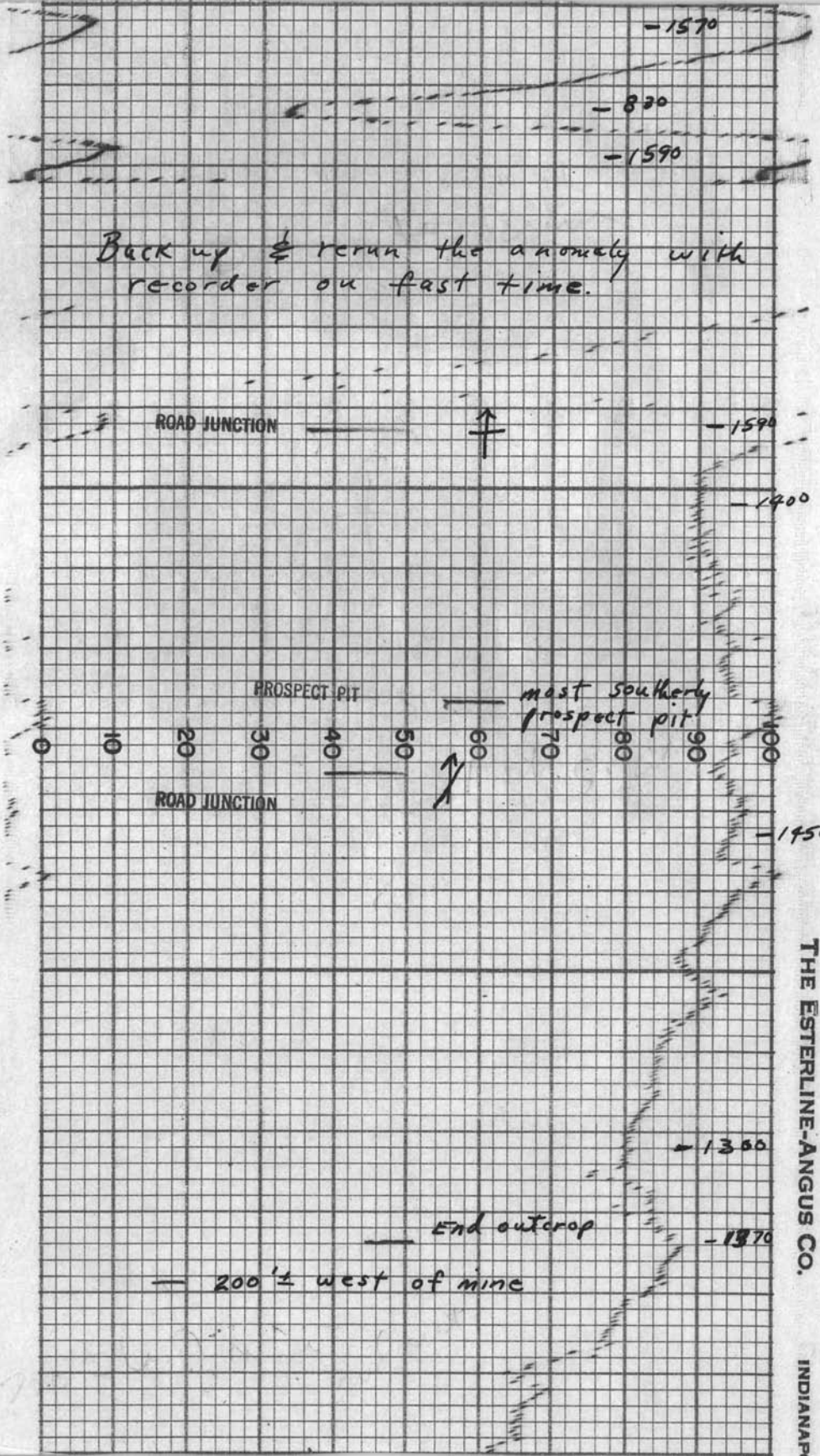
starting from the road shown below, 200 feet west of the line and going northeast and parallel to the line

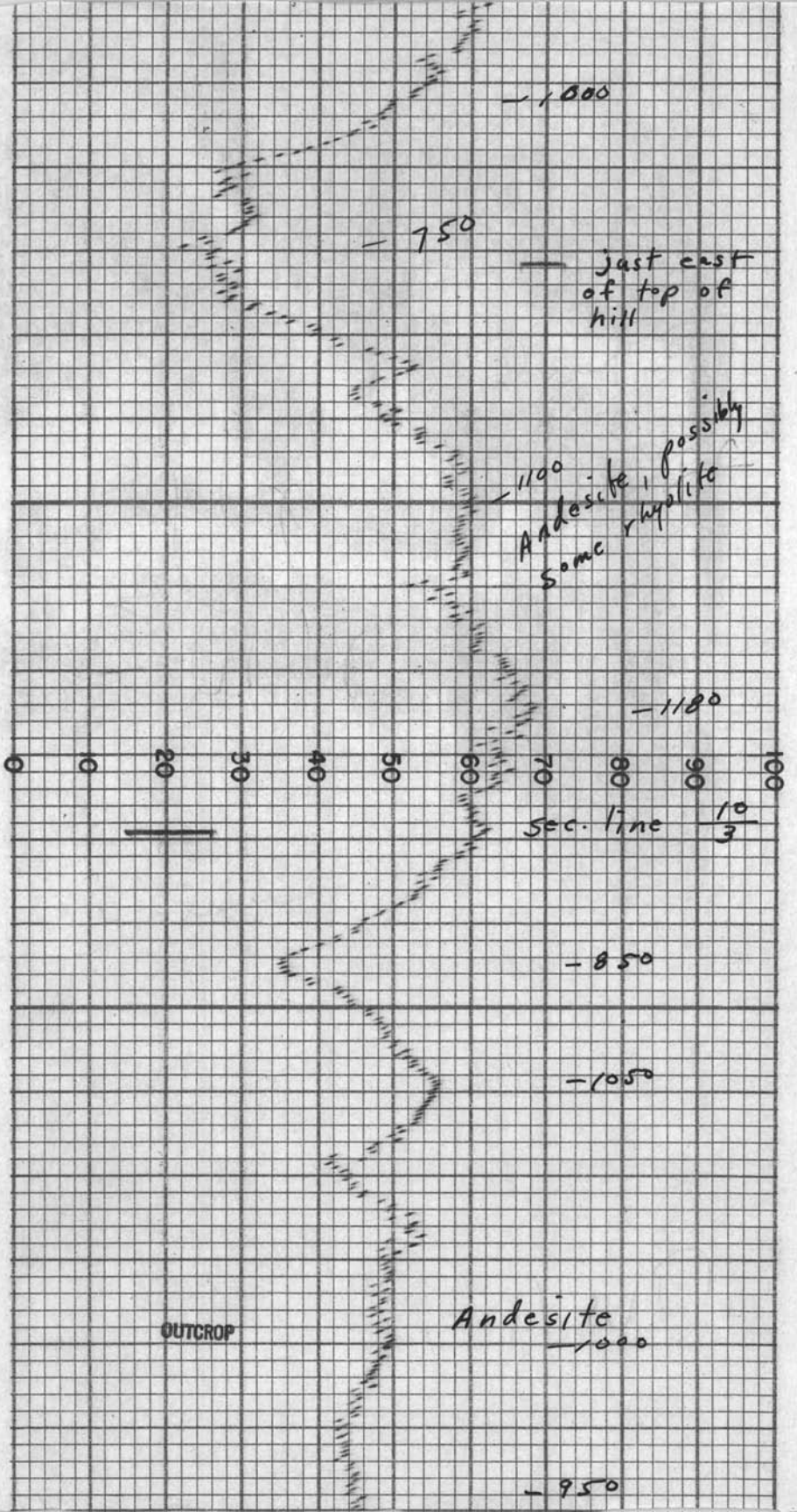
MADE IN U.S.A. THE ESTERLINE-ANGUS

CO. INDIANAPOLIS, IND., U.S.A. E.S.

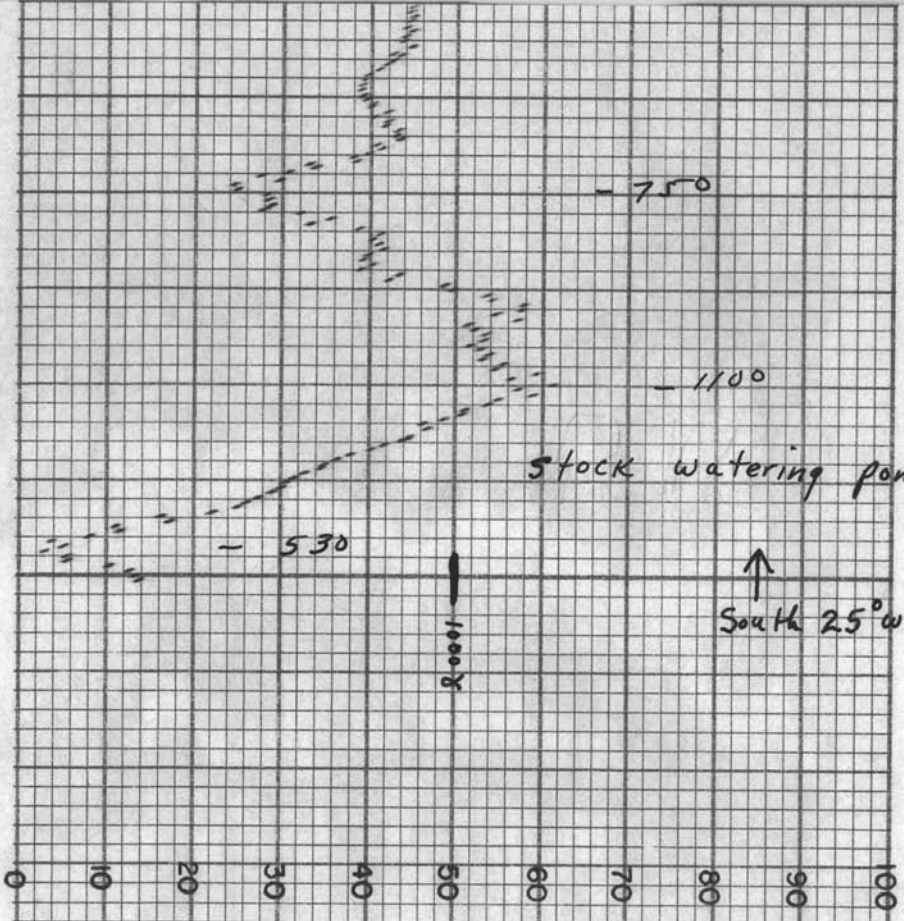
The above are some random, poorly controlled checks on the anomaly shown below.




-1570
-830
-1590
Back up & rerun the anomaly with recorder on fast time.
ROAD JUNCTION
-1590
-1400
PROSPECT PIT
most southerly prospect pit
0
10
20
30
40
50
60
70
80
90
100
ROAD JUNCTION
-1450
-1300
End outcrop
-1370
200' ± west of mine
THE ESTERLINE-ANGUS CO.
INDIANAP



OLIS, IND., U.S.A. CHART NO. 17491X



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 39 DATE 1-29-62

SENSITIVITY 100 GAMMAS / ½ In. S.D.

HORIZONTAL SCALE 200 FT./In.

LOCATION PAT HILLS, COCHISE CO. ARIZ.

Southwest across the hill in section 10, T17S, R27E. Starts just north of a stock watering at the east section line of section 3

MADE IN U.S.A. THE ESTERLINE-ANGUS

SW-NE Wash in Sec. 3

-1300

End of outcrop

-1200

-1090

-1340

-1130

-1200

ANDESITE

-1300

ANDESITE

crossing Rec. N° 39

-1350

ROAD JUNCTION

-1260

ROAD JUNCTION

-1350

-1300

North 15° west from stock watering pond in sec. 10

0 10 20 30 40 50/1000' 60 70 80 90 100

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 40 DATE 1-29-62

SENSITIVITY 100 GAMMAS ½ In. S.D.

HORIZONTAL SCALE 200 FT./In.

LOCATION PAT HILLS, COCHISE CO, ARIZ.

Northwest in sec. 10, T17S, R27E across west flank of hill and ending at a wash in section 3.

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X

white Rhyolite

Location pit Shasta No 5

-1160

-1050

Location pit - Shasta No 4
Top of hill

-1100

0 10 20 30 40 50 60 70 80 90 100

PROSPECT PIT

PROSPECT PIT

-1150

-1170

1/4 cor. 34/35

Location pit - Shasta No 3

-1200

Location pit - Shasta No 2
much altered

-1250

-1300

0 10 20 30 40 50 60 70 80 90 100

-1210

Location pit - Shasta No 1

-1220

-1310

OUTCROP Andesite

-1200

-1150

-1050

-1140

100 ft

South from gate at 27/26 34/35

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 41 DATE 1-30-62

SENSITIVITY 100 GAMMAS /½ in S.D.

HORIZONTAL SCALE 200 FT./in.

LOCATION PAT HILLS, COCHISE CO. ARIZ.

South from sec. cor. 27/26 34/35 T16S R27E roughly along section line along road by Shasta claim locations & over the hill to location for Shasta No 5

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X E.S.

WASH

Latite formerly pyritized

-1480

CLAIM POST
not identified, but is west side of the Shasta group - likely S.W. Cor. Shasta 4

WASH

-1550

0 10 20 30 40 50 60 70 80 90 100

-1780

-1580

-1660

Southerly

Westerly

-1000

-830

OUTCROP

Andesite

-1120

Southwesterly

0 10 20 30 40 50 60 70 80 90 100

More westerly

-1170

-1140

-1180

Northwest from just South of location for Shasta No 2

1000'

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 42 DATE 1-30-62

SENSITIVITY 100 GAMMAS / ½ in. S.D.

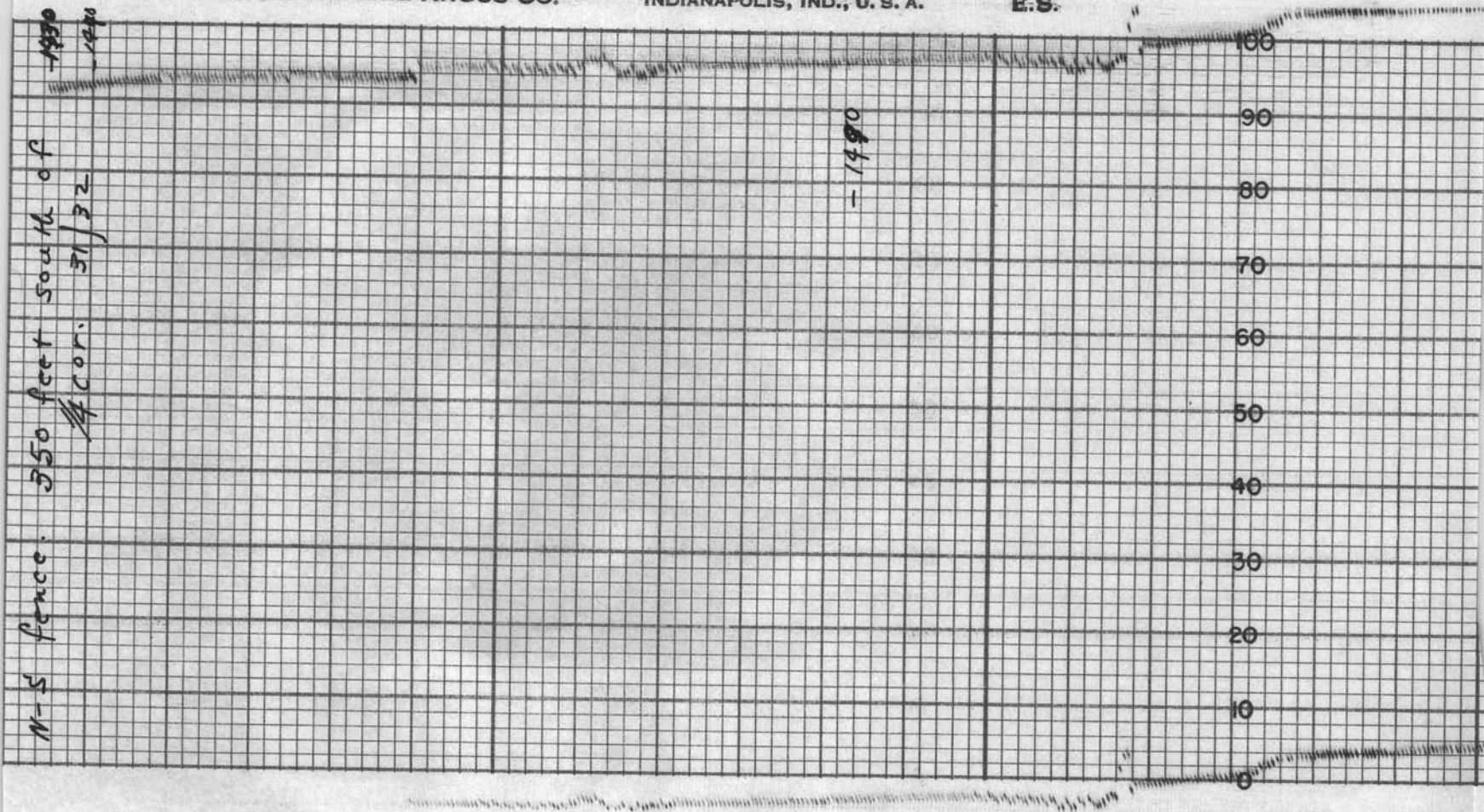
HORIZONTAL SCALE 200 Ft./In.

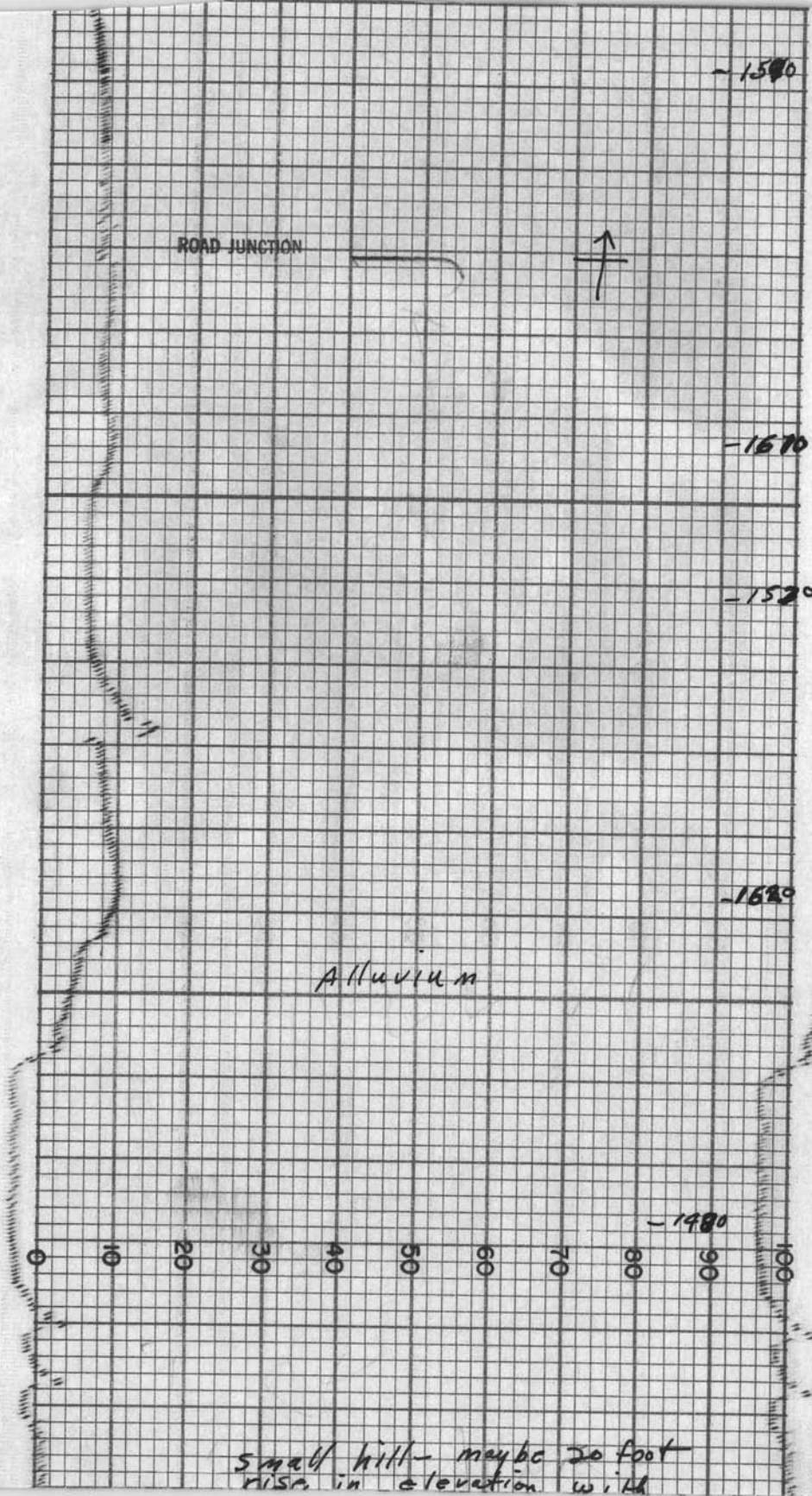
LOCATION PAT HILLS, COCHISE CO., ARIZ.

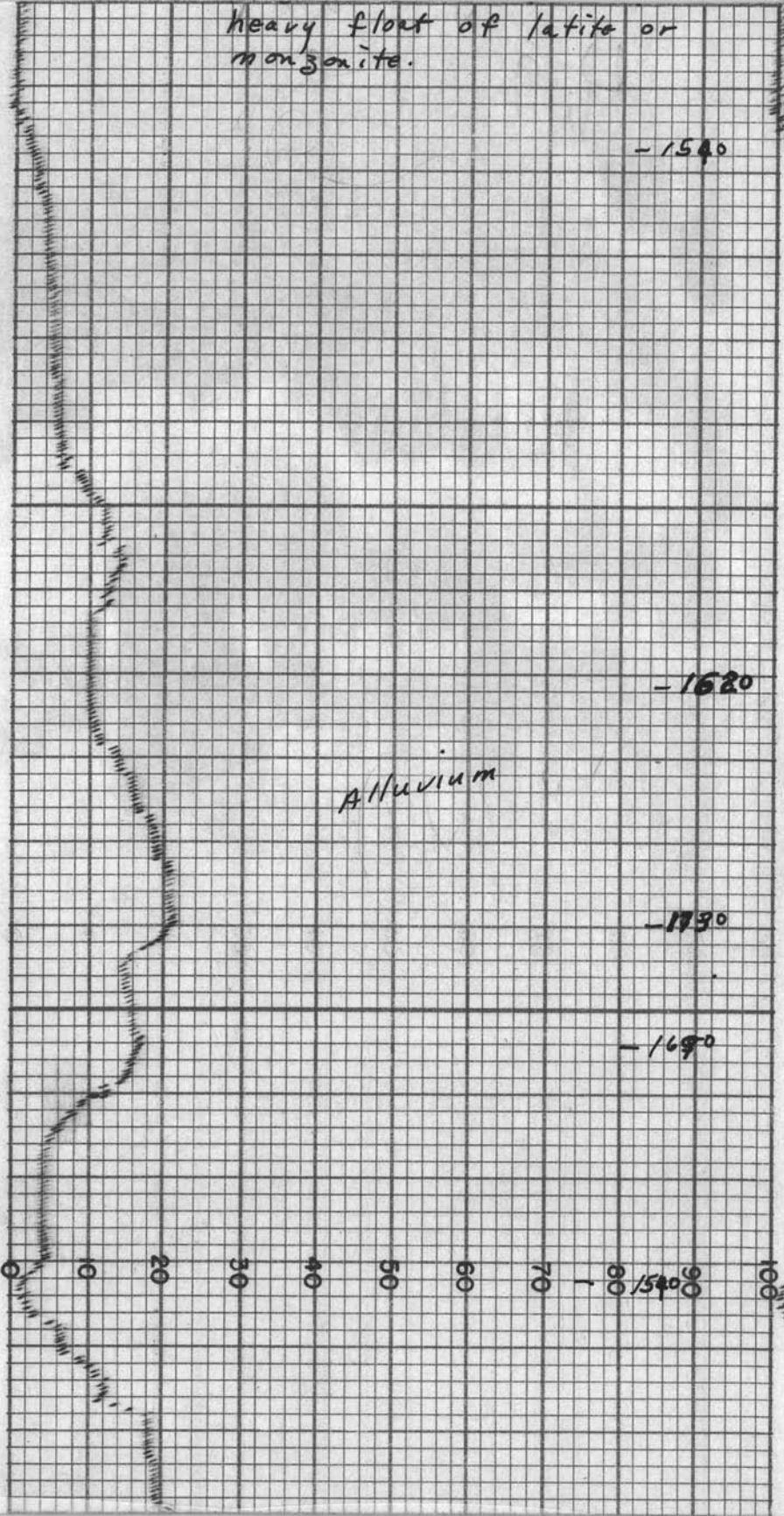
0 10 20 30 40 50 60 70 80 90 100

In section 34, T16S, R27E, a 100' around part of the hill on the northwest flank.

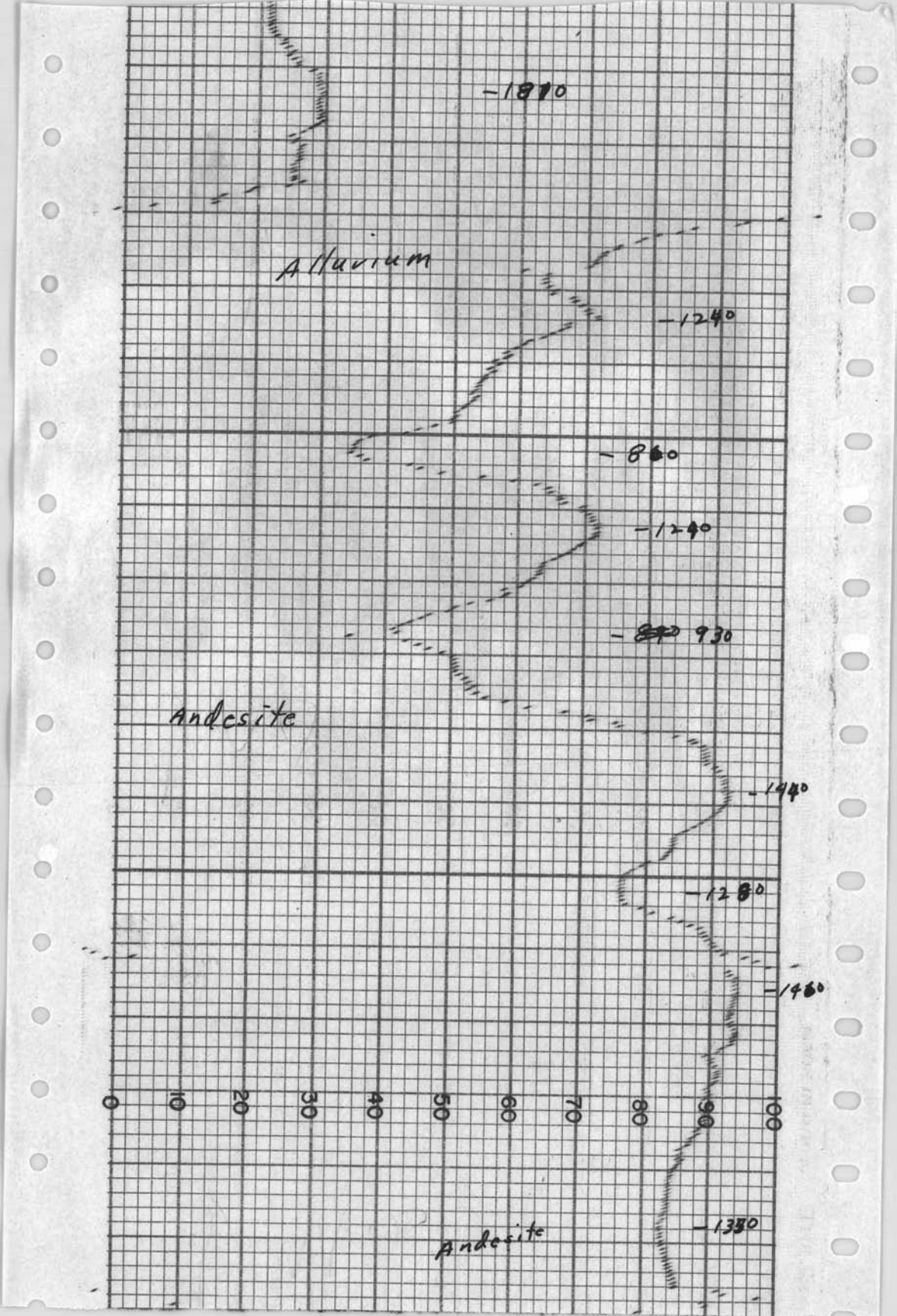
MADE IN U. S. A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. E.S.



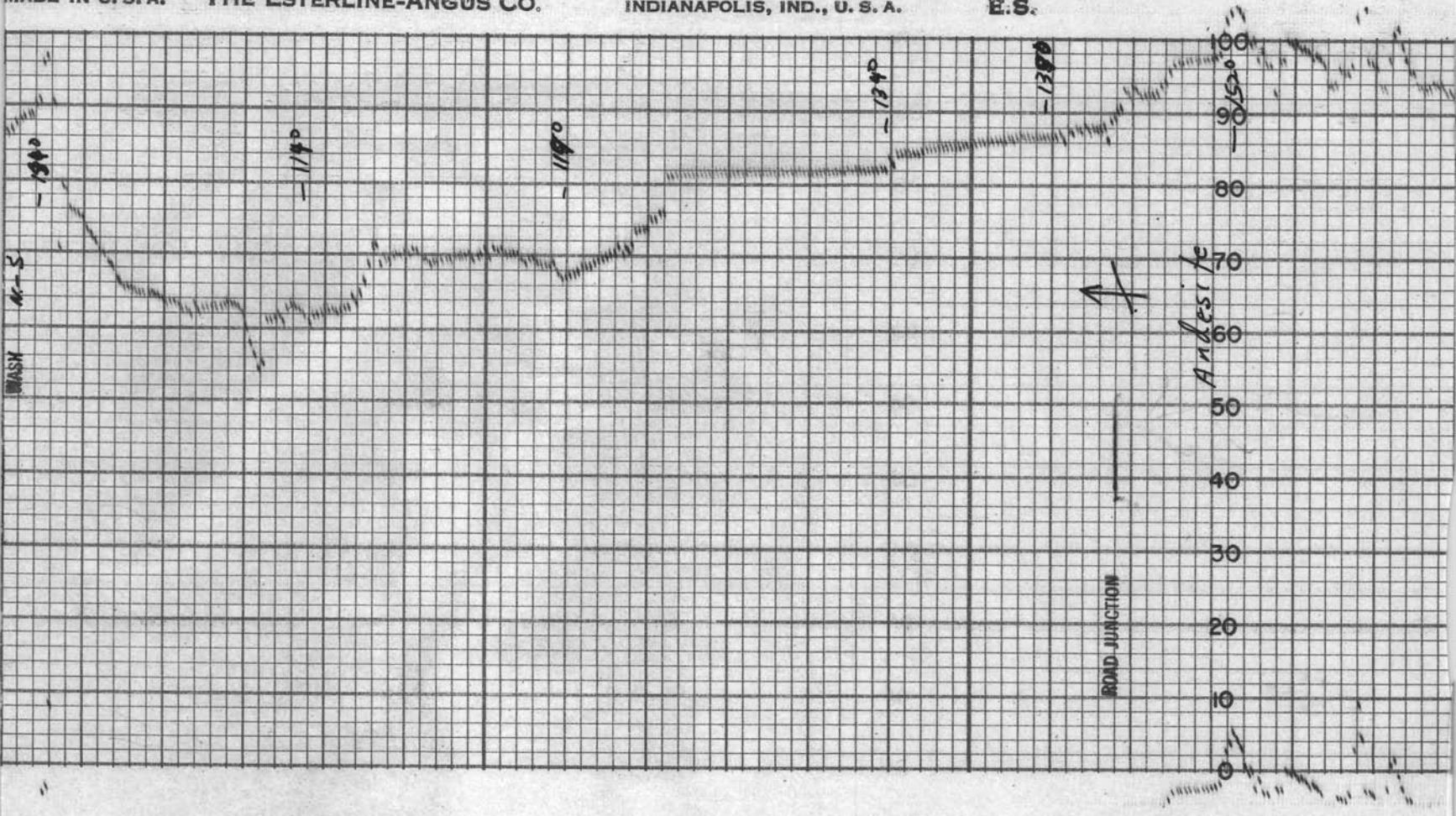

~1580
ROAD JUNCTION
~1670
~1570
~1680
Alluvium
~1480
0
10
20
30
40
50
60
70
80
90
100
Small hill- maybe 20 foot rise in elevation with

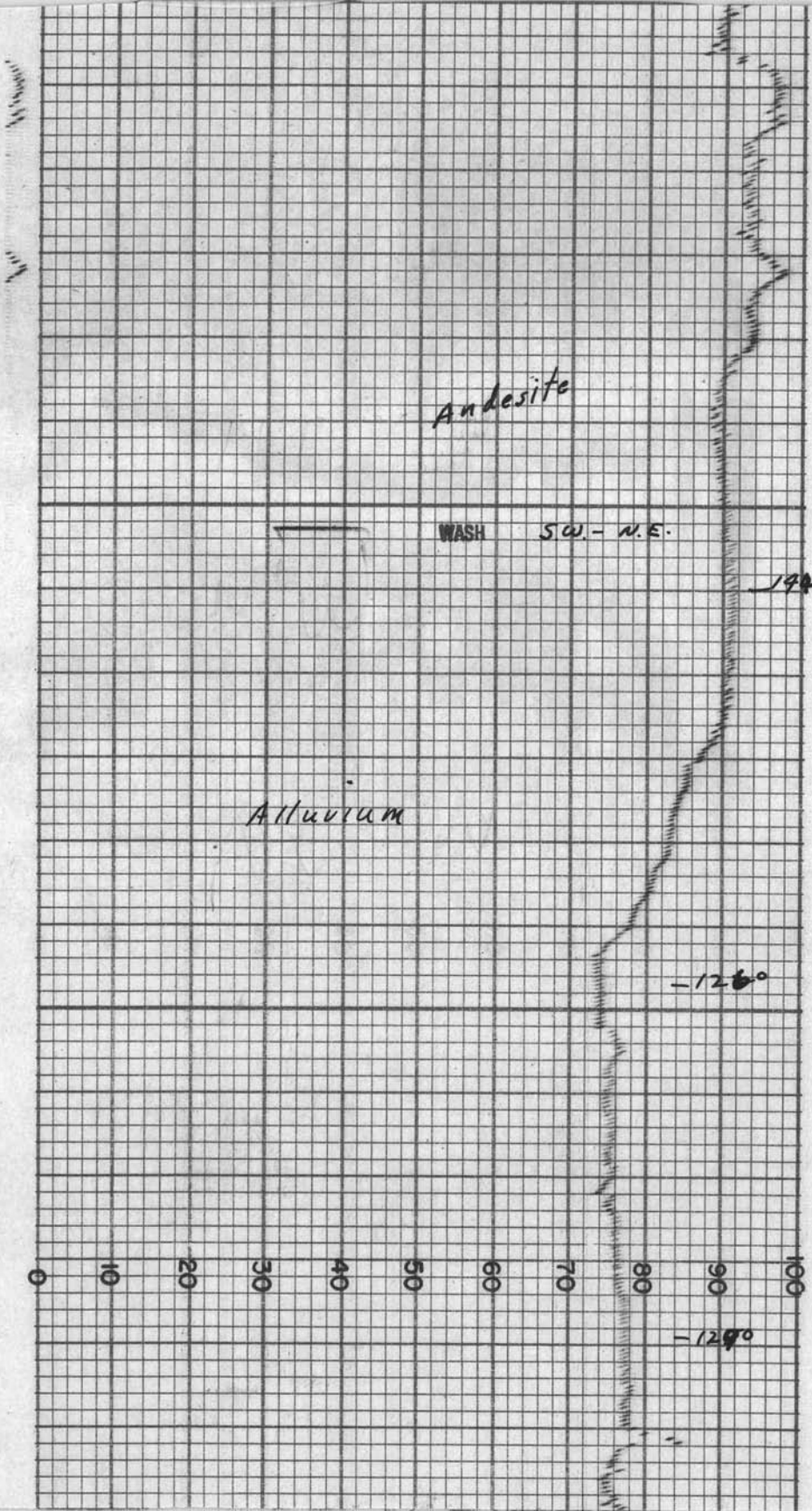


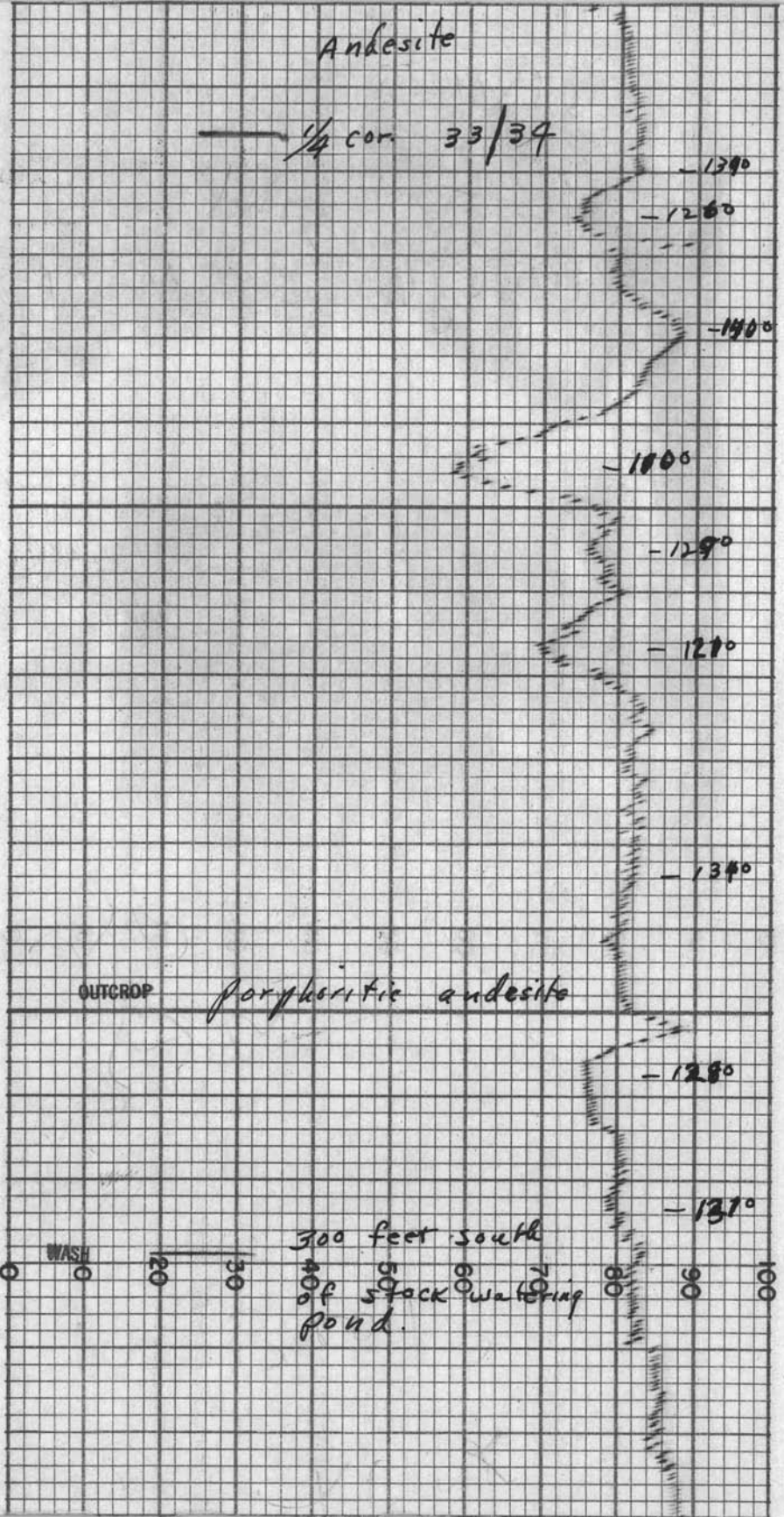
E ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X


-1810
Alluvium
-1240
-860
-1240
-930
Andesite
-1440
-1280
-1460
0
10
20
30
40
50
60
70
80
90
100
Andesite
-1330

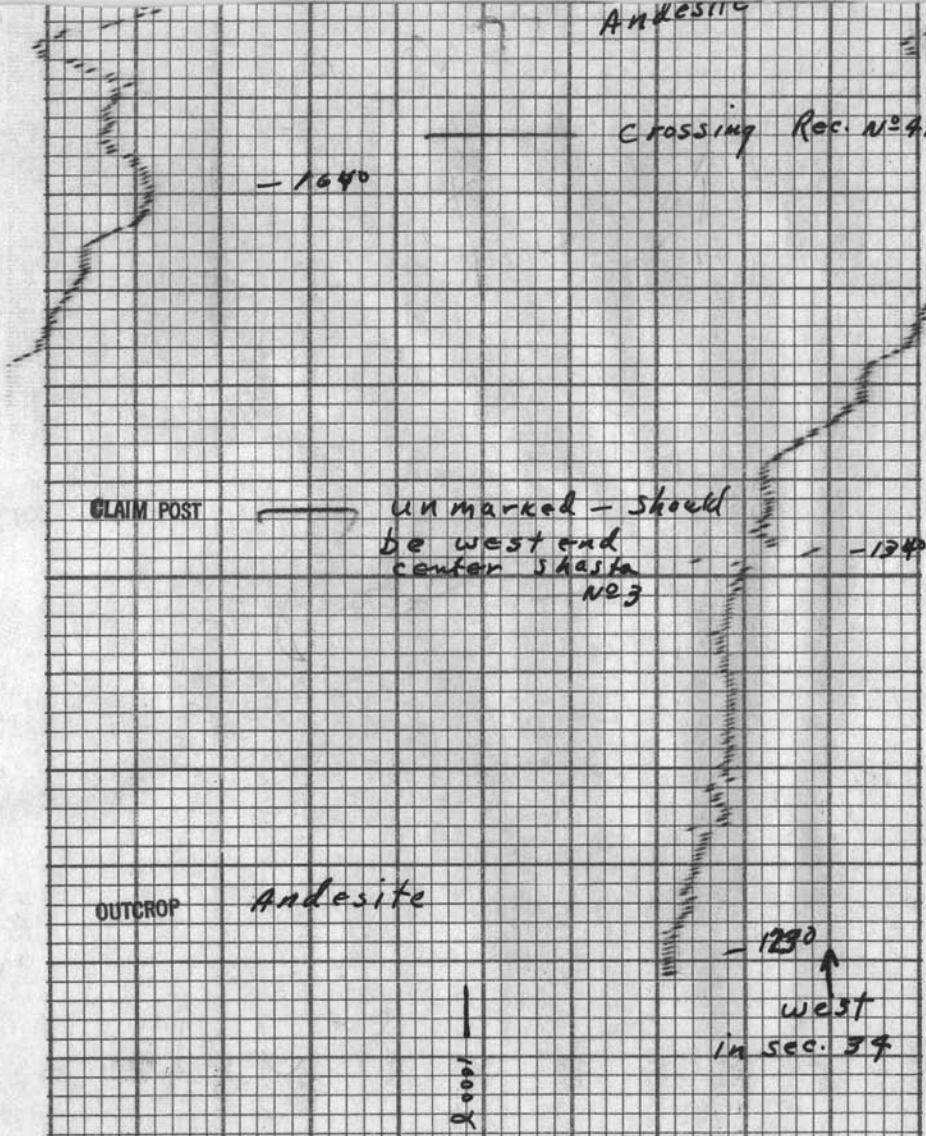
MADE IN U. S. A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. E.S.




Andesite
WASH SW. - N.E.
1940
Alluvium
1280
0
10
20
30
40
50
60
70
80
90
100
1290



E ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 43 DATE 1-30-62

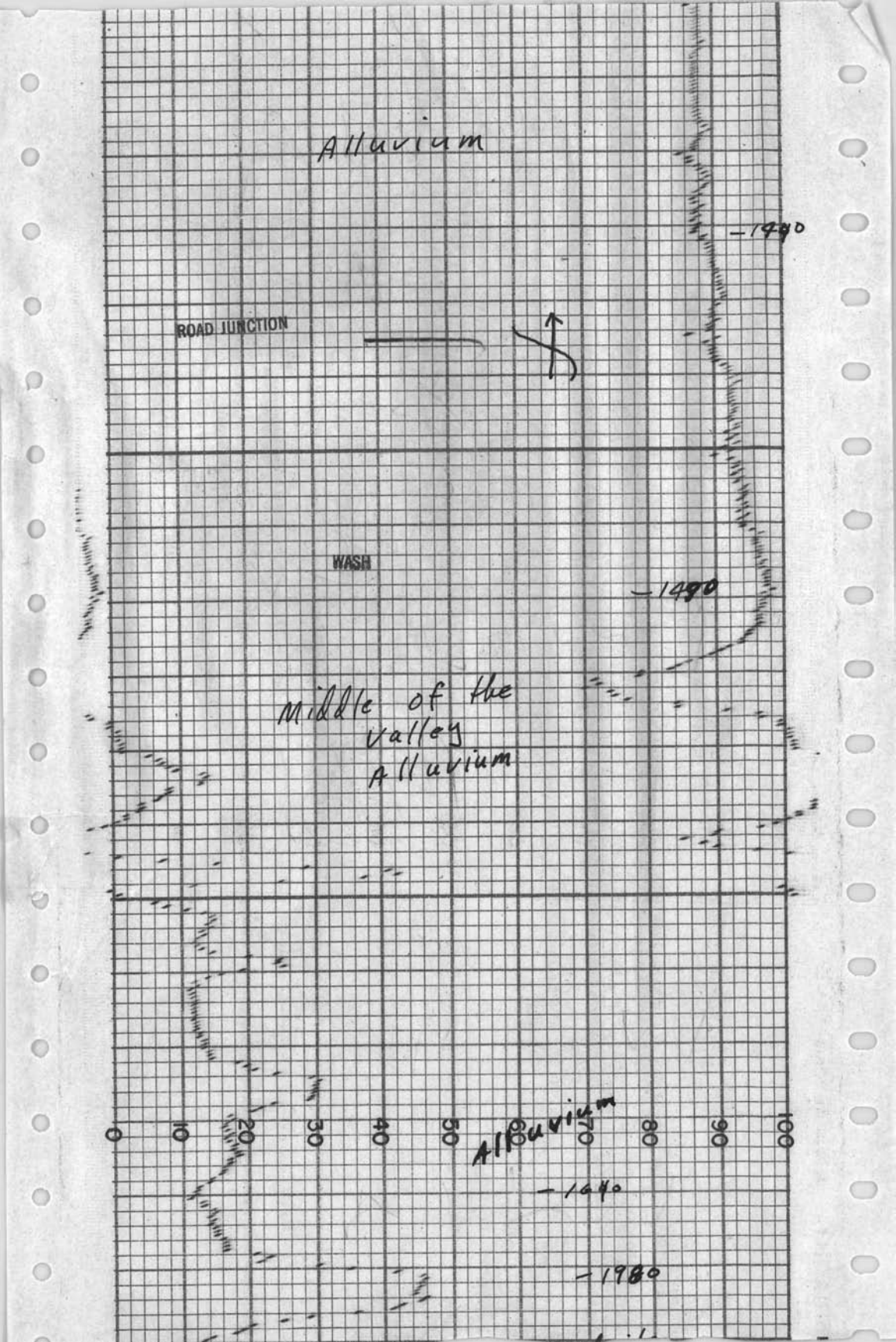
SENSITIVITY 0 100 GAMMAS /½" S.D. 100

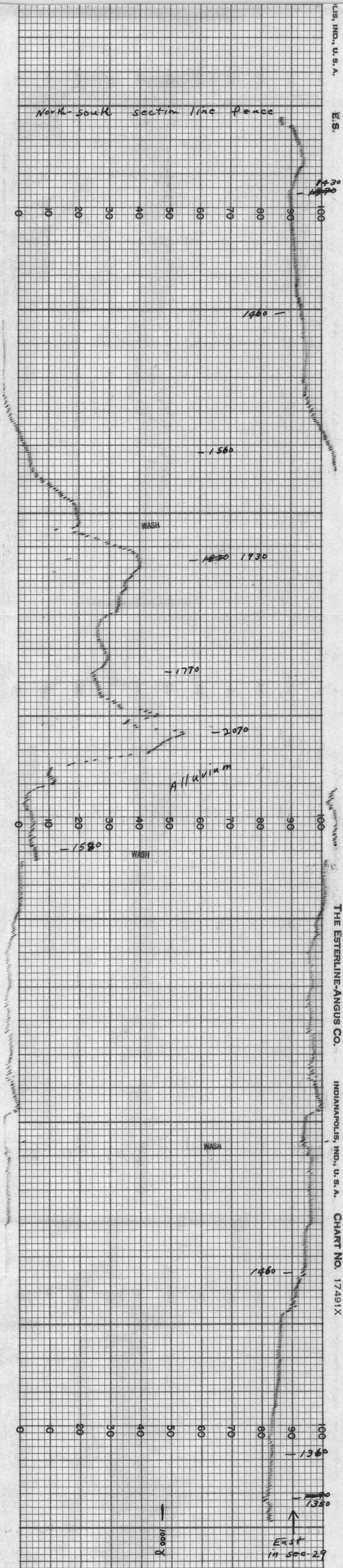
HORIZONTAL SCALE 200 FT./In.

LOCATION PAT HILLS, COCHISE CO. ARIZ.

West from west base of hill in Sec. 34, about 1000 feet west of 1/4 cor. 34/35 to 1/4 cor. 31/32 T16S R27E

MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. E.S.


Alluvium
-1490
ROAD JUNCTION
WASH
-1490
Middle of the
valley
Alluvium
0
10
20
30
40
50
Alluvium
70
80
90
100
-1640
-1980



MoMag Total Magnetic Intensity Record

FOR: CYPRUS MINES CORP.

RECORD NO. 44 DATE 1-30-62

SENSITIVITY 100 GAMMAS /½ In. S.D.

HORIZONTAL SCALE 200 FT./In.

LOCATION

PAT HILLS, COCHISE CO., ARIZ.

East in sec. 29 T16S R27E on a line 3960 feet south of the north section line starting at a fence 3960 feet west of the east section line and ending at the east section line at a north-south fence.

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X
LIS, IND., U.S.A. E.S.

on a ridge – about as far as is drivable.

-1930

-1900

-1970

PROSPECT PIT

-1890

-1940

-1370

1500 –

Andesite

-153°

-195°

0 10 20 30 40 50 60 70 80 90 100

Andesite

North of, and on strike with a line of prospect holes going N.W.-S.E.

-1600

-1770

N.E.-S.W. WASH

-1630

-1690

-1520

Alluvium

-2090

Alluvium

0 10 20 30 40 50 60 70 80 90 100

-1730

1000 ϒ

East in Sec. 33

MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 45 DATE 1-30-62

SENSITIVITY 100 GAMMAS/½ in S.D

HORIZONTAL SCALE 200 FT./in.

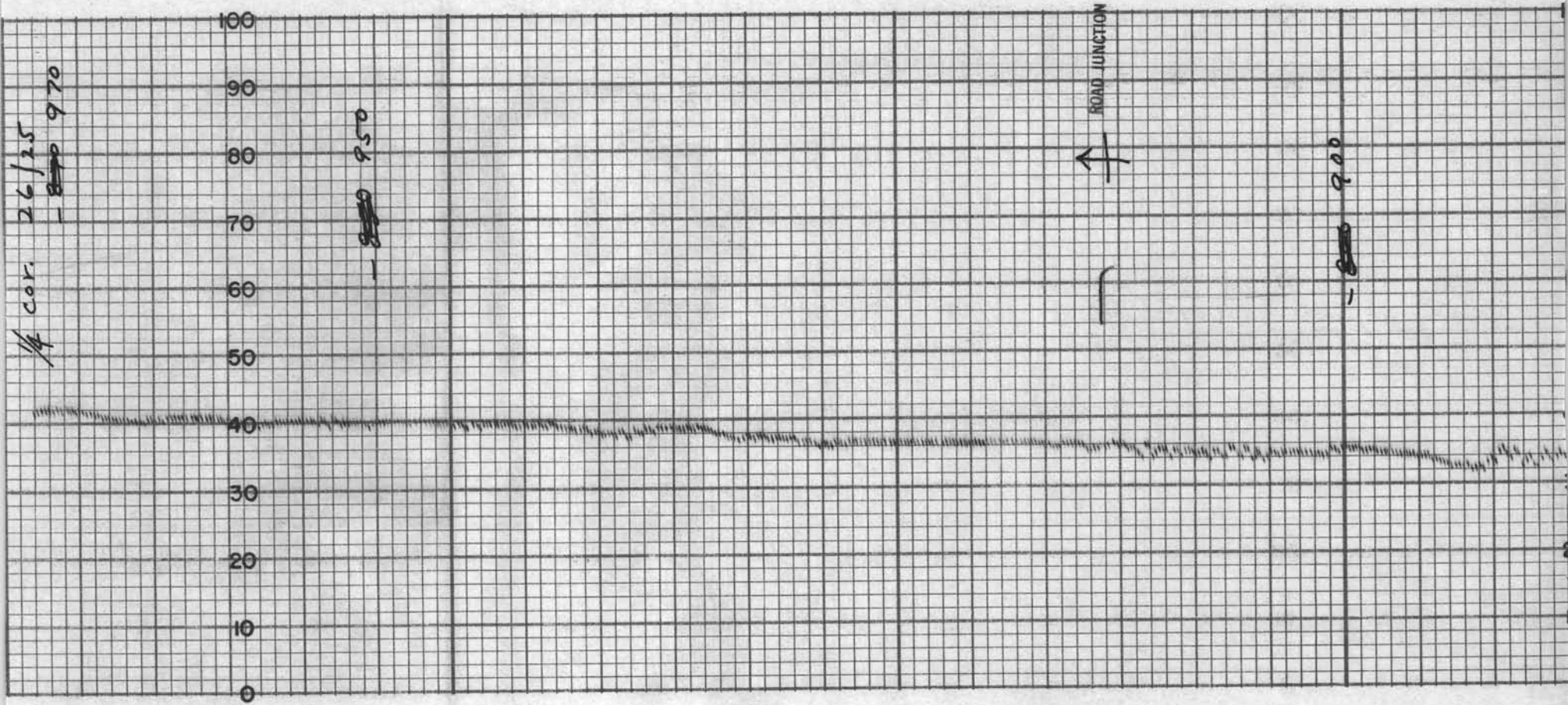
LOCATION PAT HILLS, COCHISE CO., ARIZ.

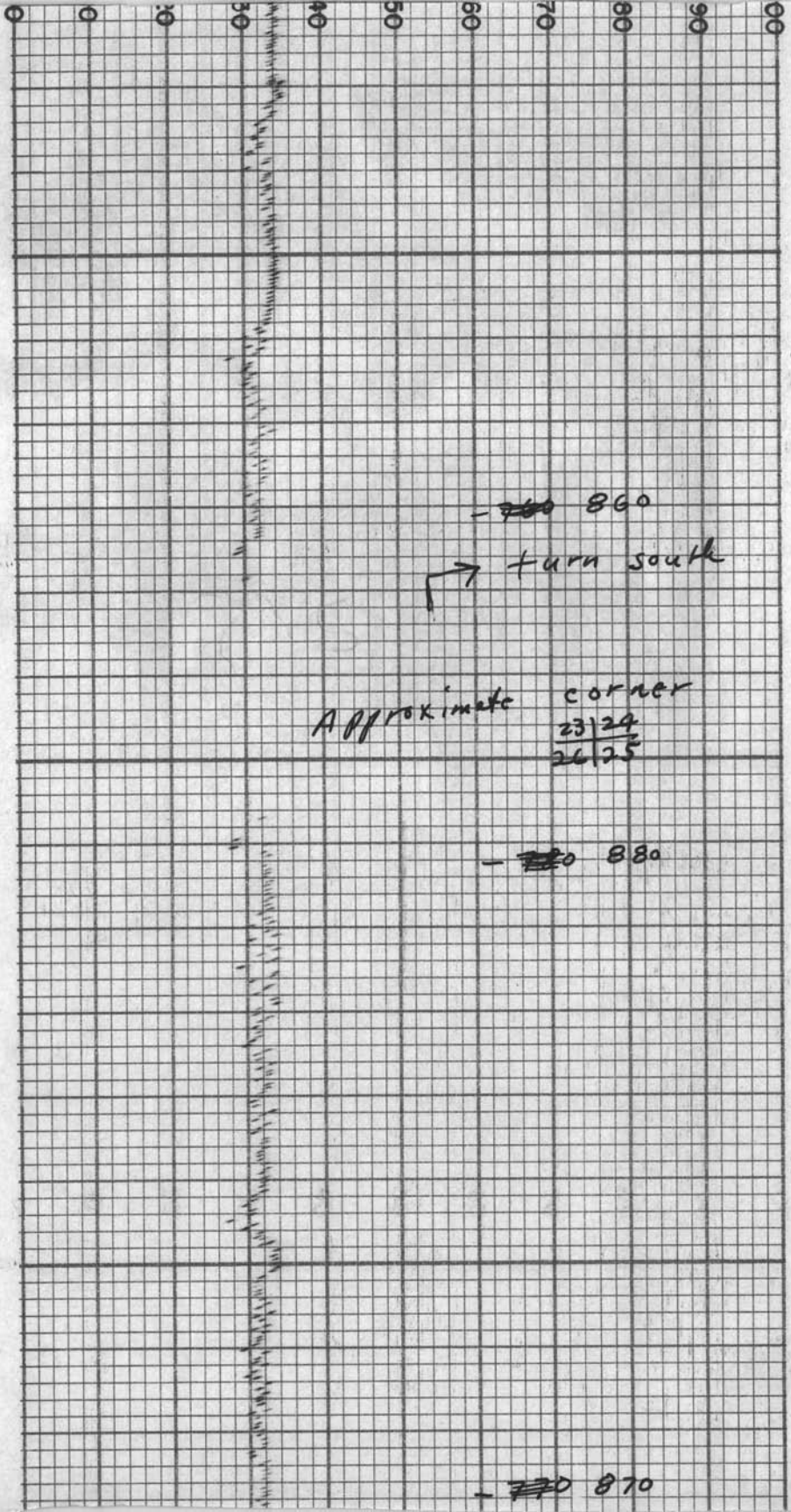
East in Sec. 33 T16S R27E on a line 660 feet south of the north section line. Starts at the west section line and goes about 3600 feet East.

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

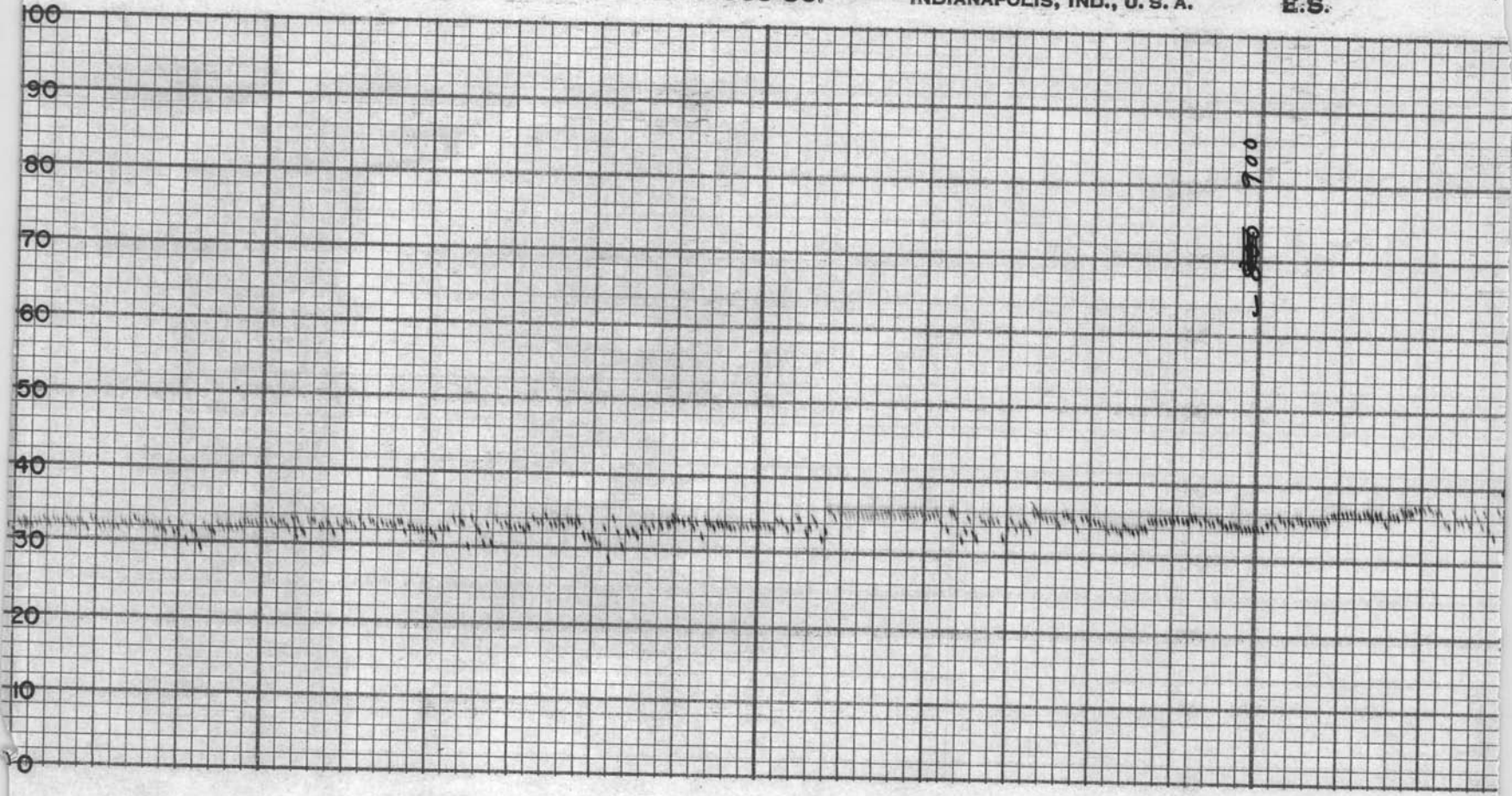
MADE IN U.S.A. THE ESTERLINE-ANGUS

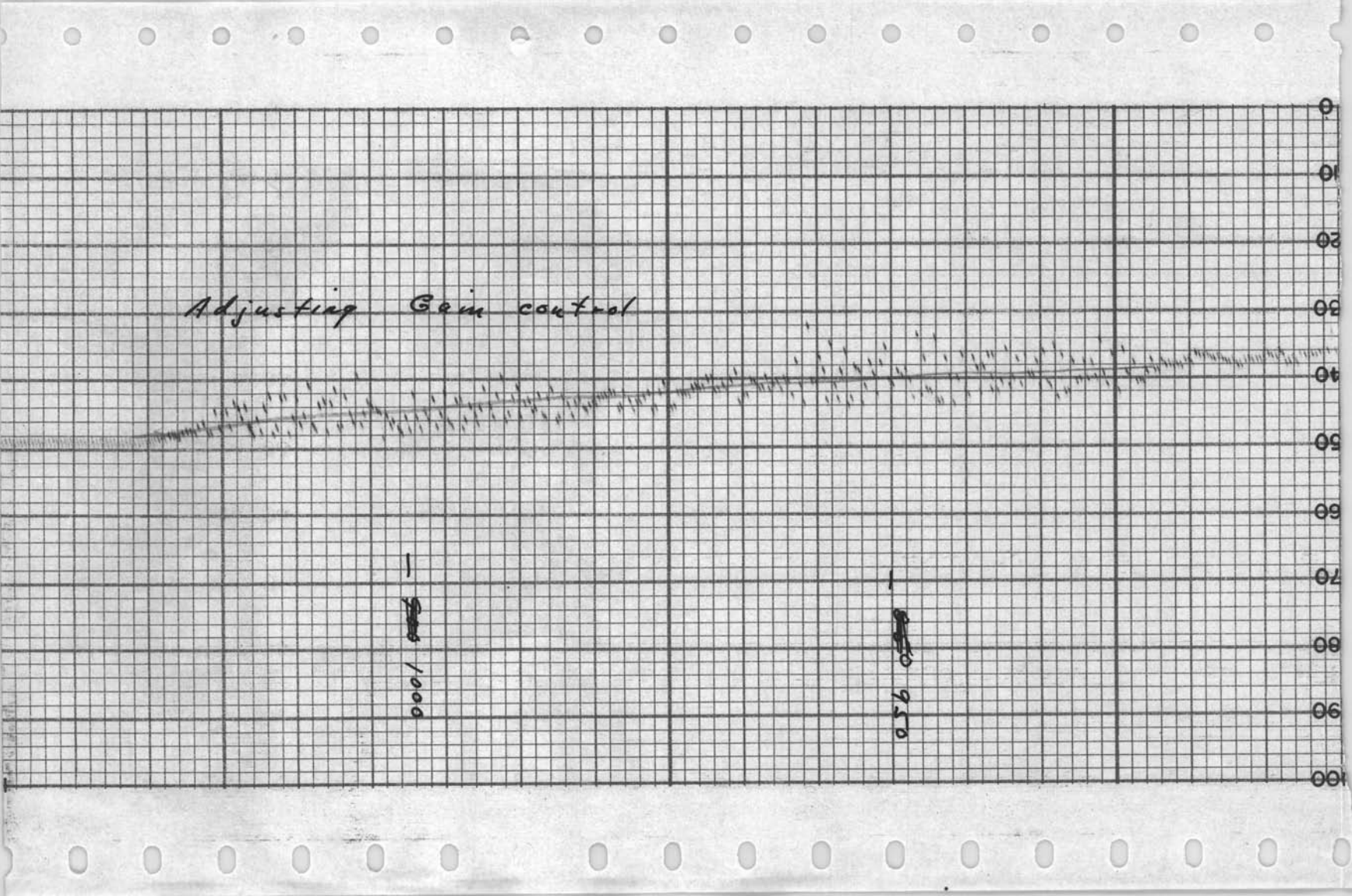
THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. CHART NO. 17491X




860
turn south
Approximate corner
23 24
26 25
880
870

MADE IN U. S. A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A. E.S.

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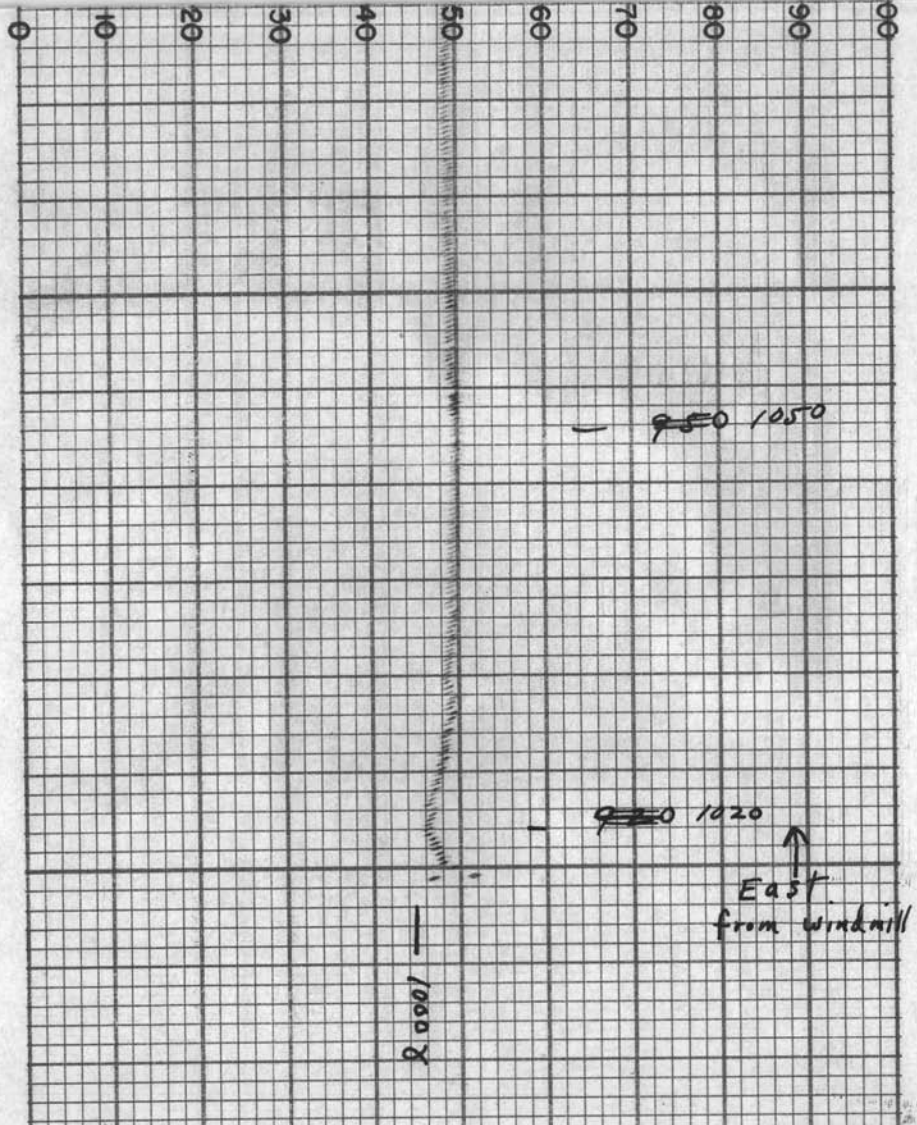
1000
950



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

RECORD NO. 46 DATE 1-30-62

SENSITIVITY 100 GAMMAS / ½ In. S.D.

HORIZONTAL SCALE 200 FT./In.

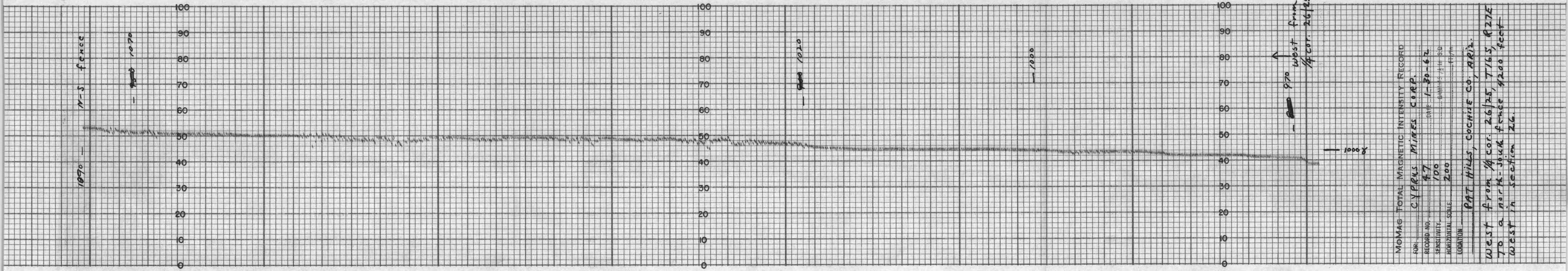
LOCATION PAT HILLS, COCHISE CO., ARIZ.

East from windmill at $\frac{22}{27}\frac{23}{26}$ T 16S R27E to $\frac{23}{26}\frac{24}{25}$ then south to ¼ cor. 26/25

THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. CHART NO. 17491X

CHART NO. 17491X

MADE IN U.S.A. THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U.S.A. E.S.



MOMAG TOTAL MAGNETIC INTENSITY RECORD

FOR: CYPRUS MINES CORP.

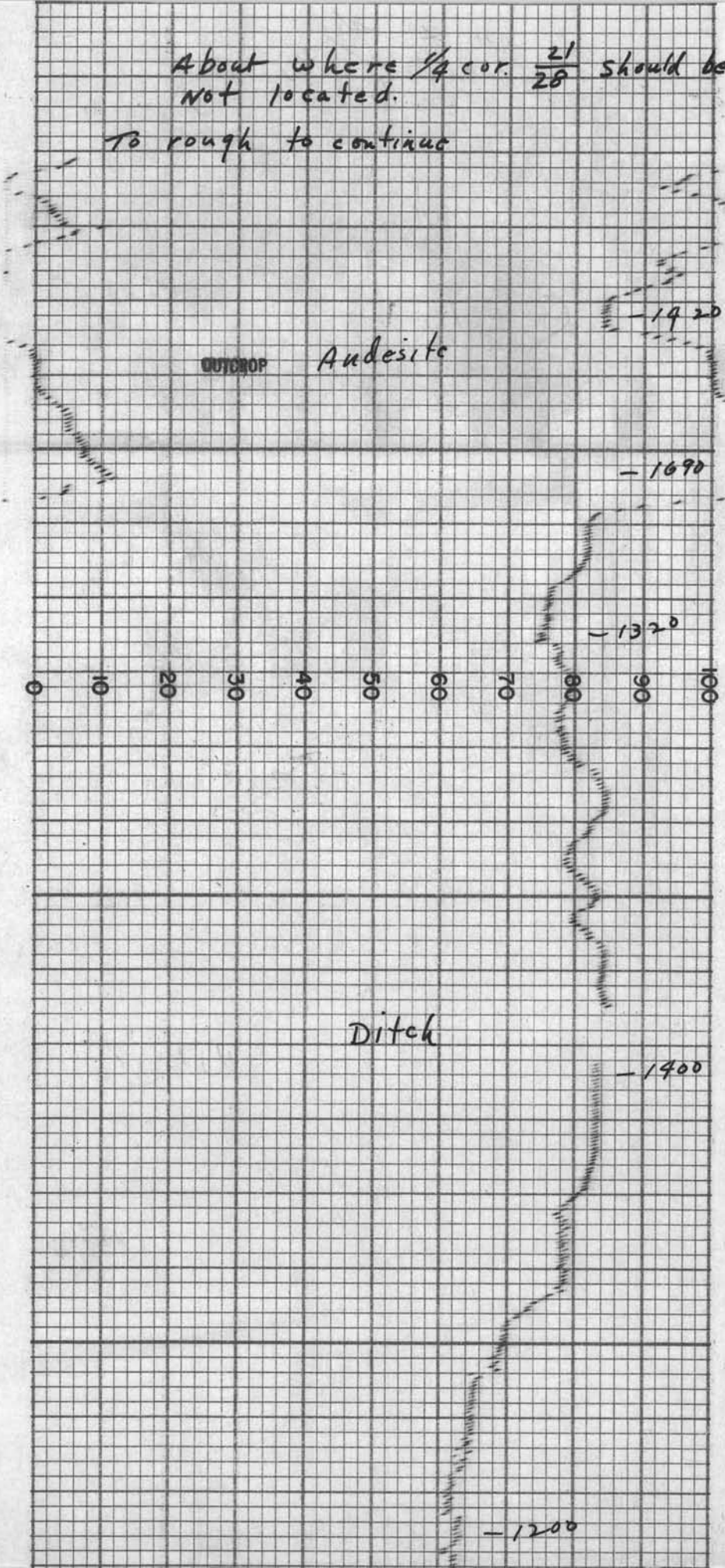
RECORD NO.: 47 DATE: 1-30-62.

SENSITIVITY: 100 GAMMAS PER INCH

HORIZONTAL SCALE: 200 FT/IN

LOCATION: PAT HILLS, COCHISE CO., ARIZ.

West from ¼ cor. 26|25, T16S, R27E
To a north-south fence 2200 feet
west in section 26.



THE ESTERLINE-ANGUS CO. INDIANAPOLIS, IND., U. S. A.