

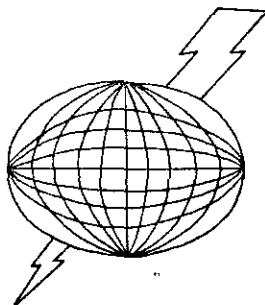
DATA *Animas fien*
return
ELECTRICAL SURVEY
ANIMAS PROSPECT
HIDALGO COUNTY, NEW MEXICO

Prepared for
AMAX EXPLORATION, INC.
Geothermal Group

March, 1976

by

Aldo Mazzella



TERRAPHYSICS
815 SOUTH TENTH STREET
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Plate (Plates are in the pockets)

1. Location Map
2. Apparent Resistivity Contour Map, 0.05 Hz

RELATIVE ELECTRIC FIELD

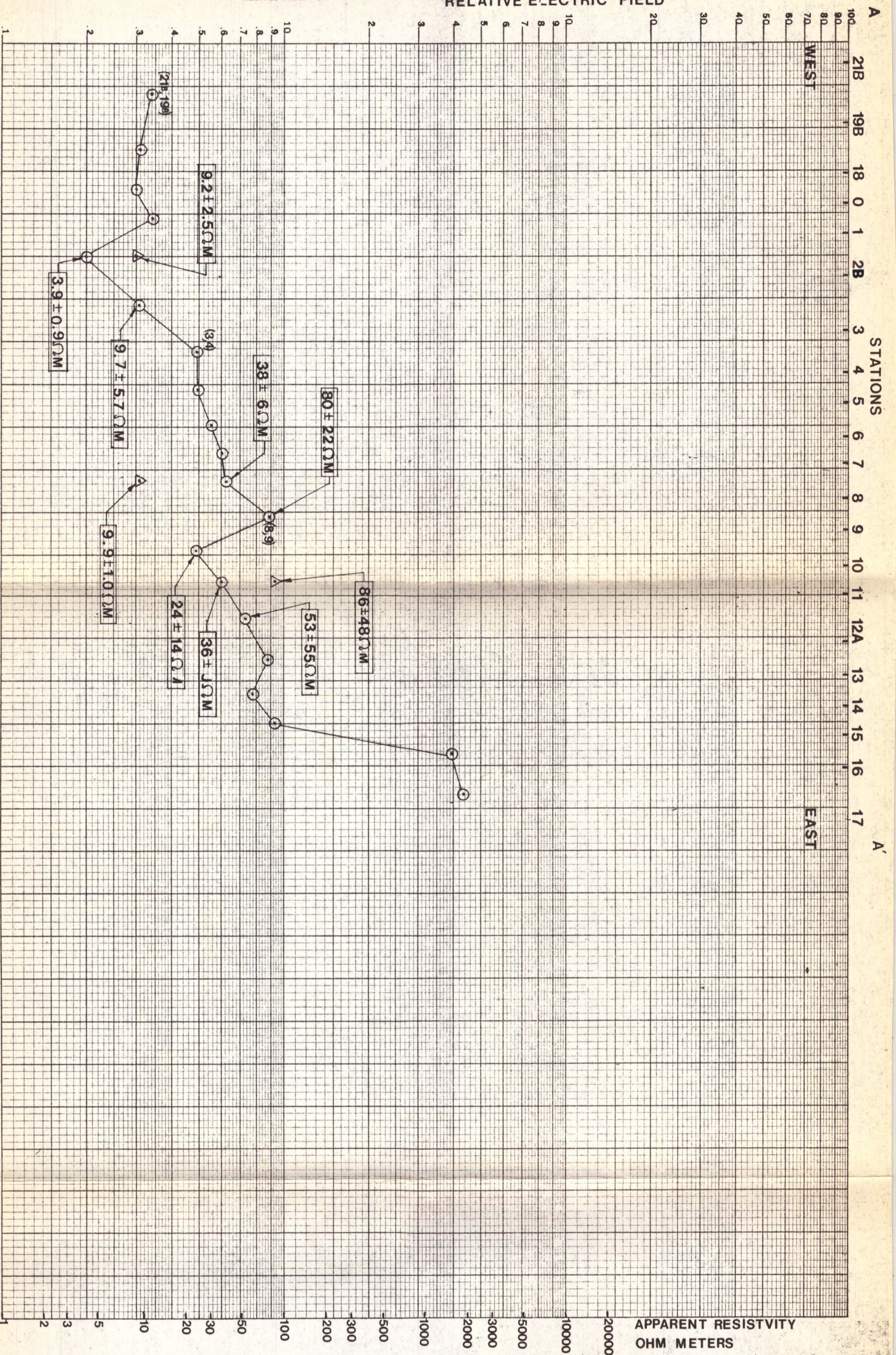


FIG. 3
 TELLURIC MAGNETOTELLURIC
 PROFILE
 ANIMAS, NEW MEXICO
 LINE A A'

○ 0.05 HZ
 △ 8.0 HZ

SCALE 1:62500

2 KILOMETERS

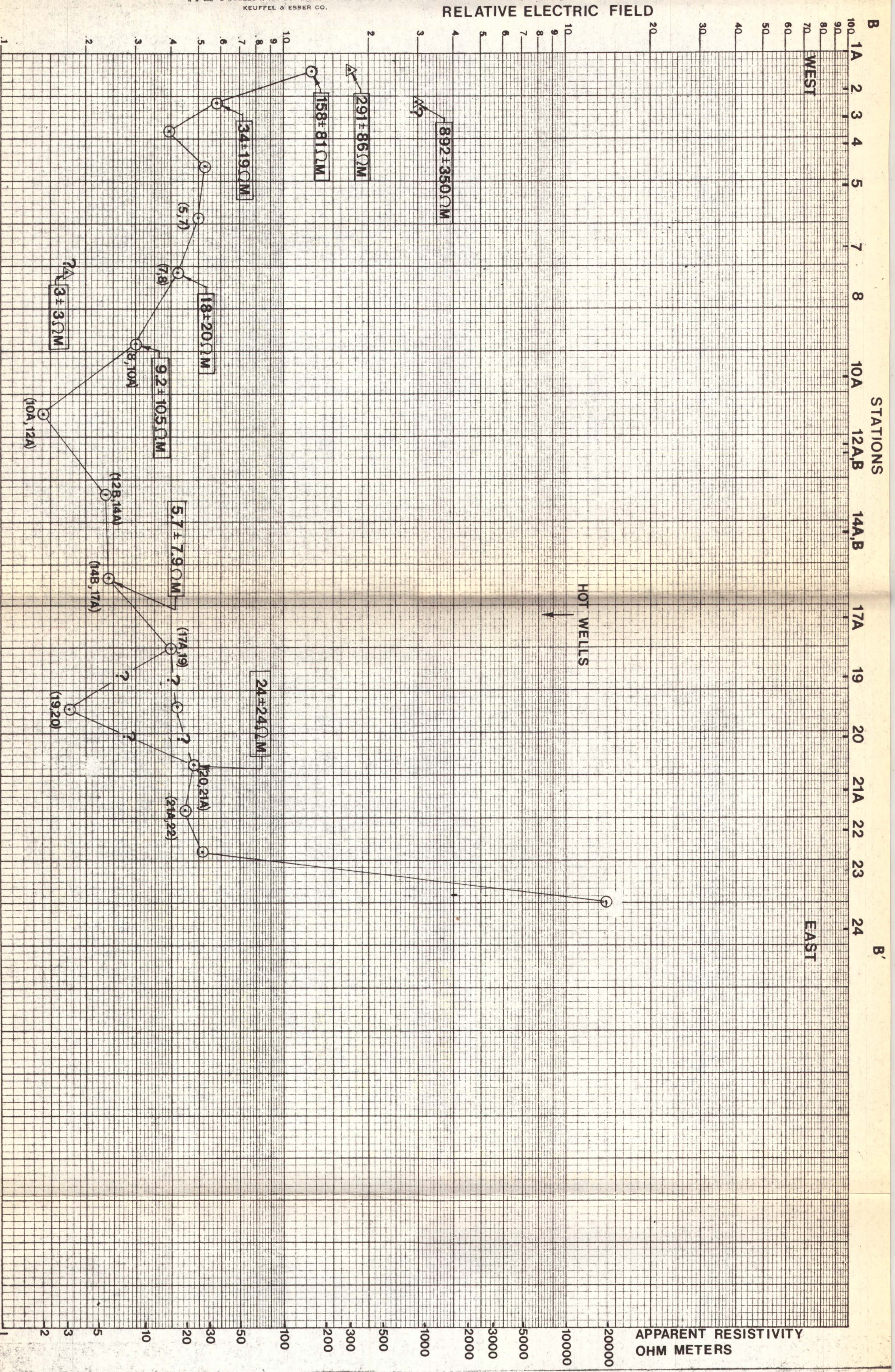


FIG. 4
TELLURIC MAGNETOTELLURIC
PROFILE
ANIMAS, NEW MEXICO
LINE BB'

○ 0.05 HZ
 △ 8.0 HZ
 SCALE 1:62500 2 KILOMETERS

RELATIVE ELECTRIC FIELD

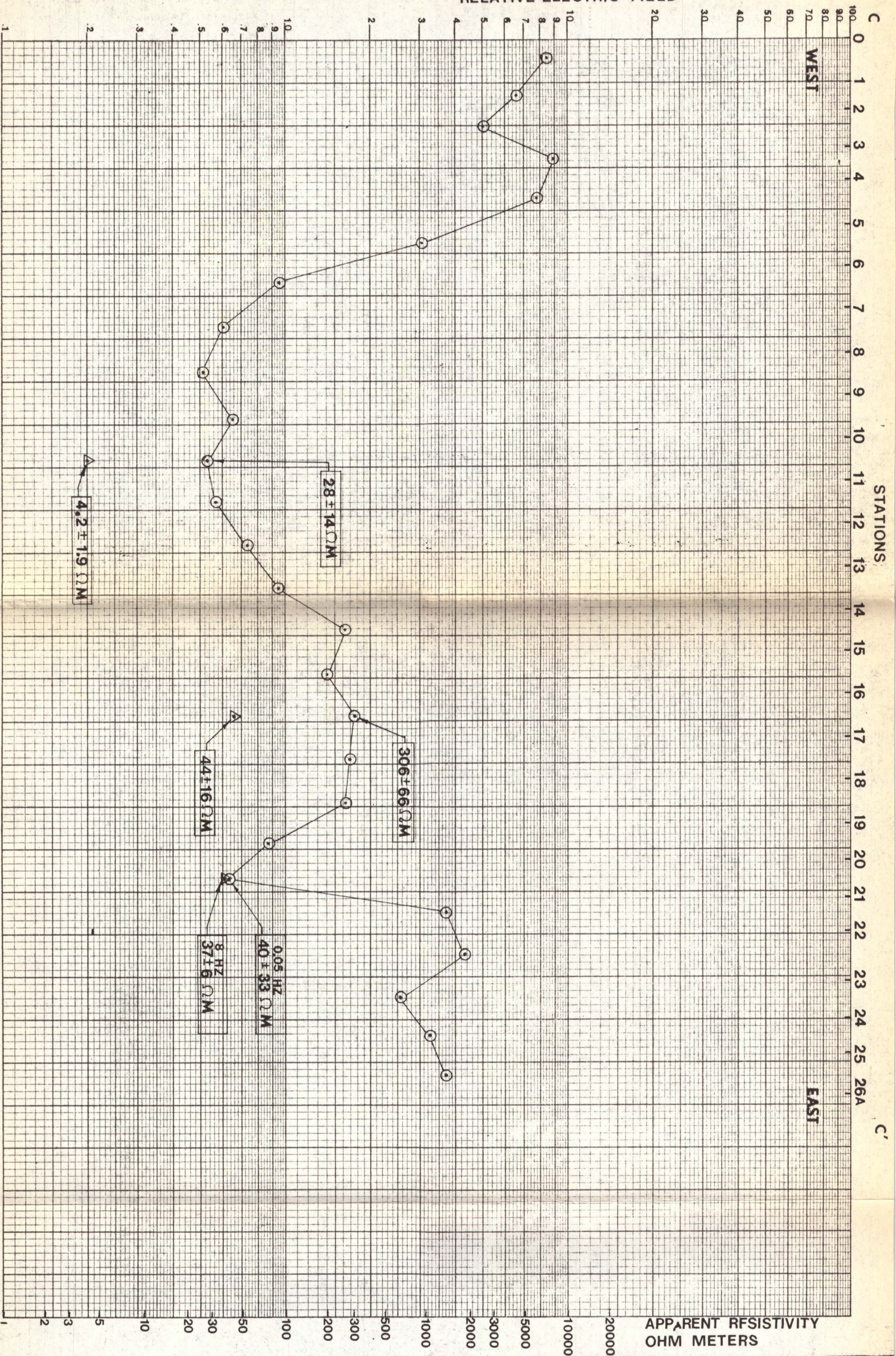


FIG. 5
 TELLURIC MAGNETOTELLURIC
 PROFILE
 ANIMAS, NEW MEXICO
 LINE C-C'

○ 0.05 HZ
 △ 8.0 HZ

SCALE 1:62500

2 KILOMETERS

RELATIVE ELECTRIC FIELD

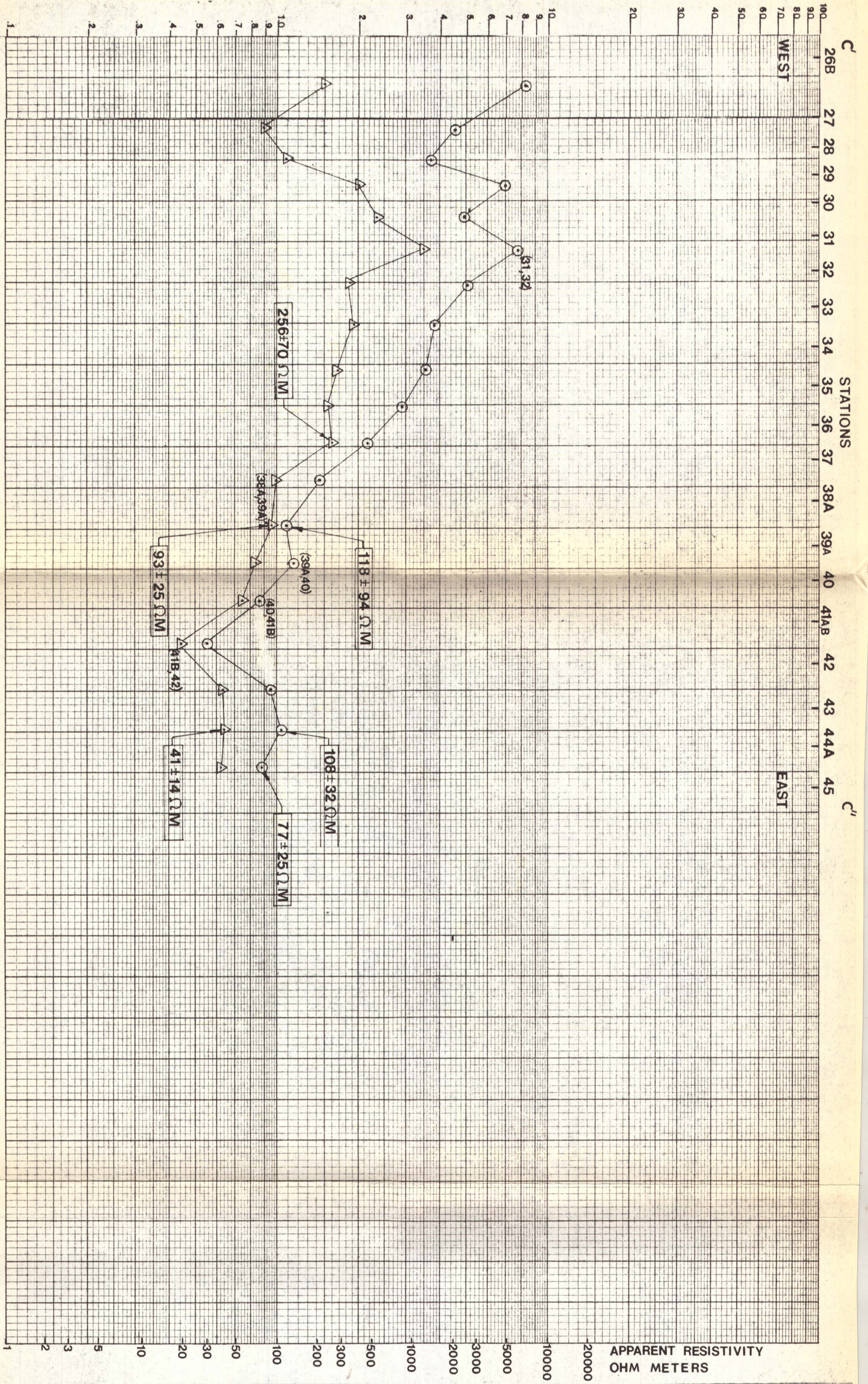


FIG. 6
 TELLURIC MAGNETOTELLURIC
 PROFILE
 ANIMAS, NEW MEXICO
 LINE C'C"

○ 0.05 HZ
 △ 8.0 HZ

SCALE 1:62500 2 KILOMETERS

RELATIVE ELECTRIC FIELD

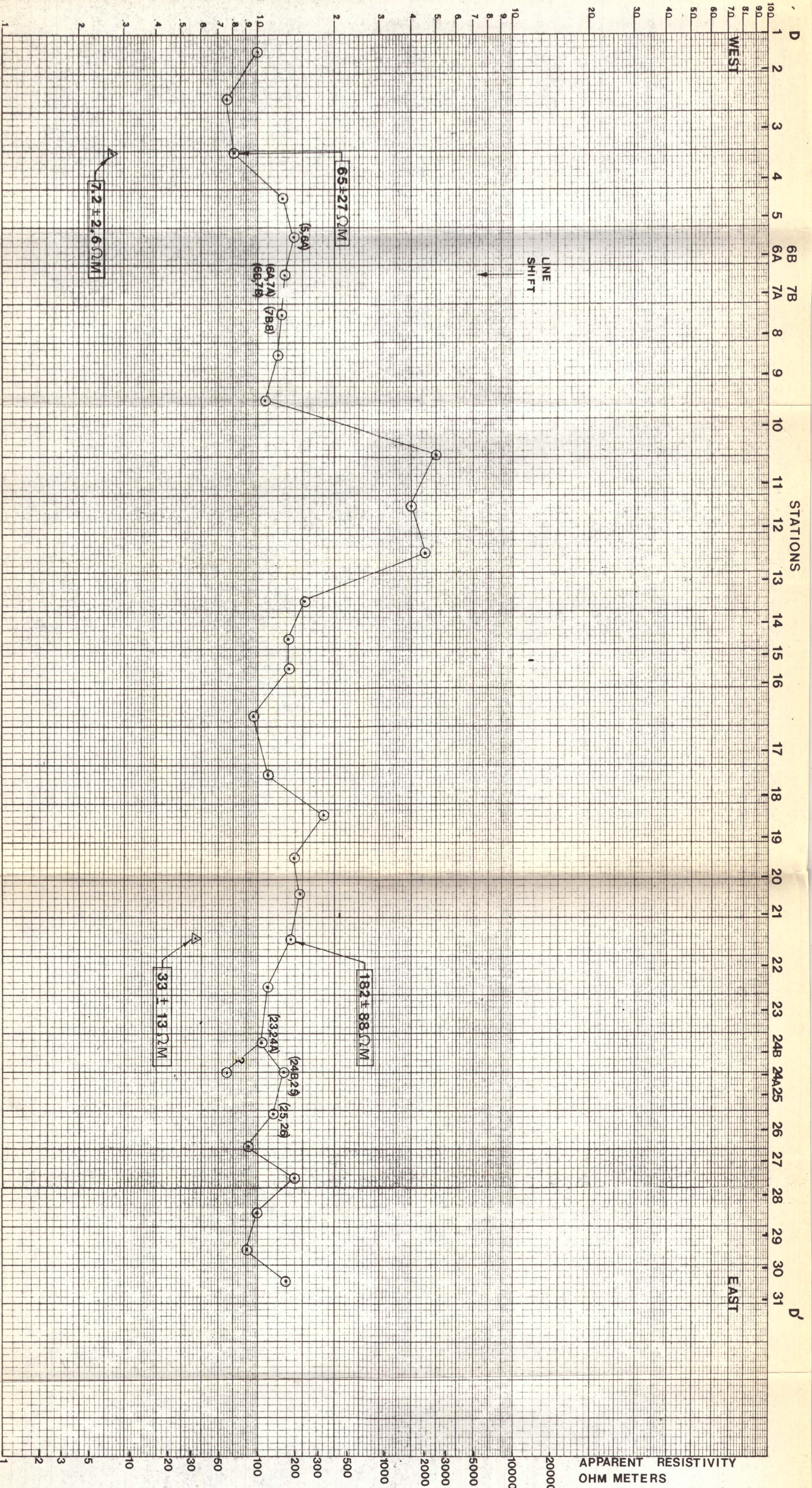


FIG. 7
 TELLURIC MAGNETOTELLURIC
 PROFILE
 ANIMAS, NEW MEXICO
 LINE D-D'

○ 0.05 HZ
 △ 8.0 HZ
 SCALE 1-62500 OHM METERS 2 KILOMETERS

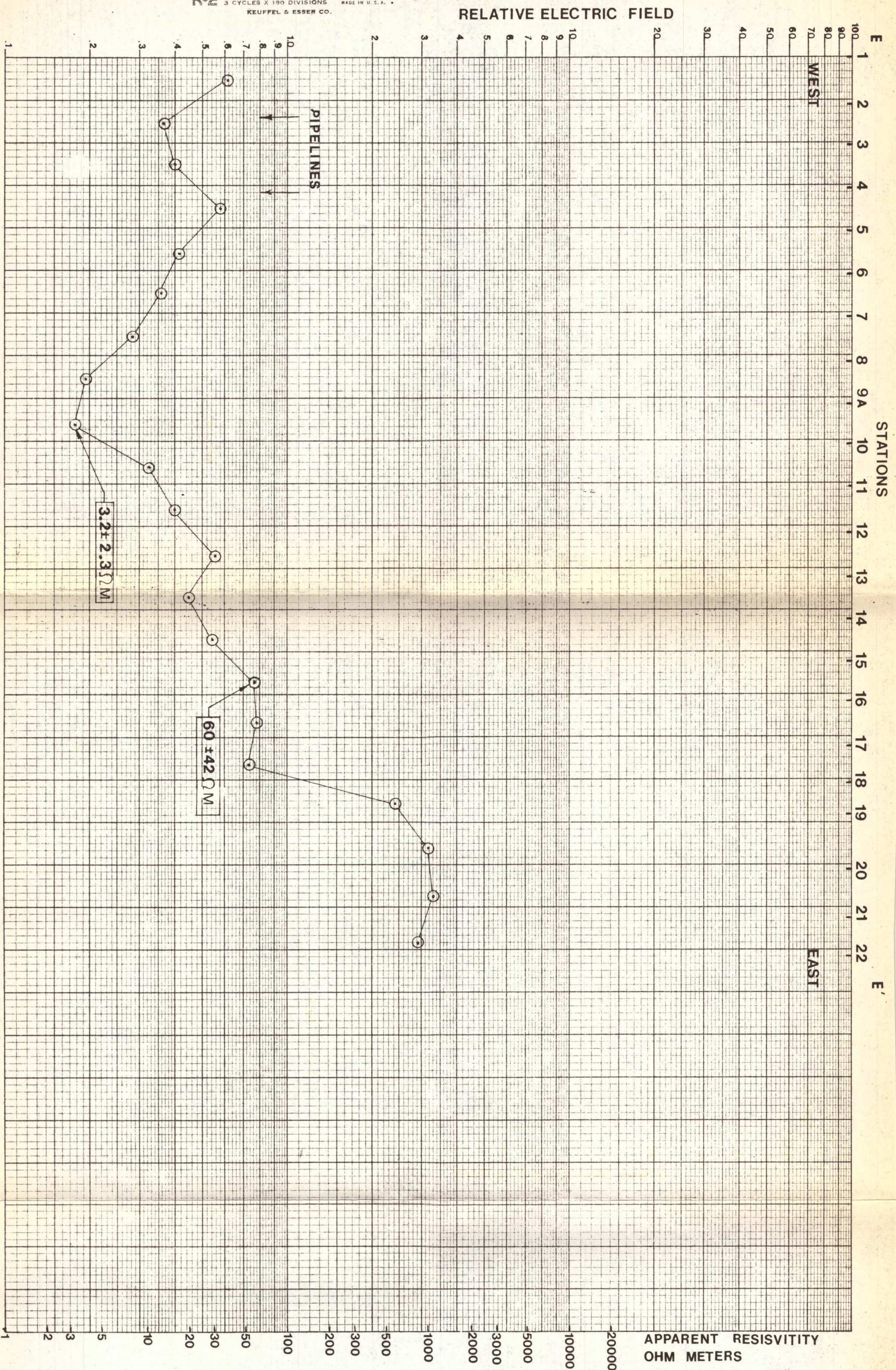


FIG. 8
TELLURIC MAGNETOTELLURIC
PROFILE
ANIMAS, NEW MEXICO
LINE EE'

○ 0.05 HZ
 △ 8.0 HZ

SCALE 1:62500

2 KILOMETERS

RELATIVE ELECTRIC FIELD

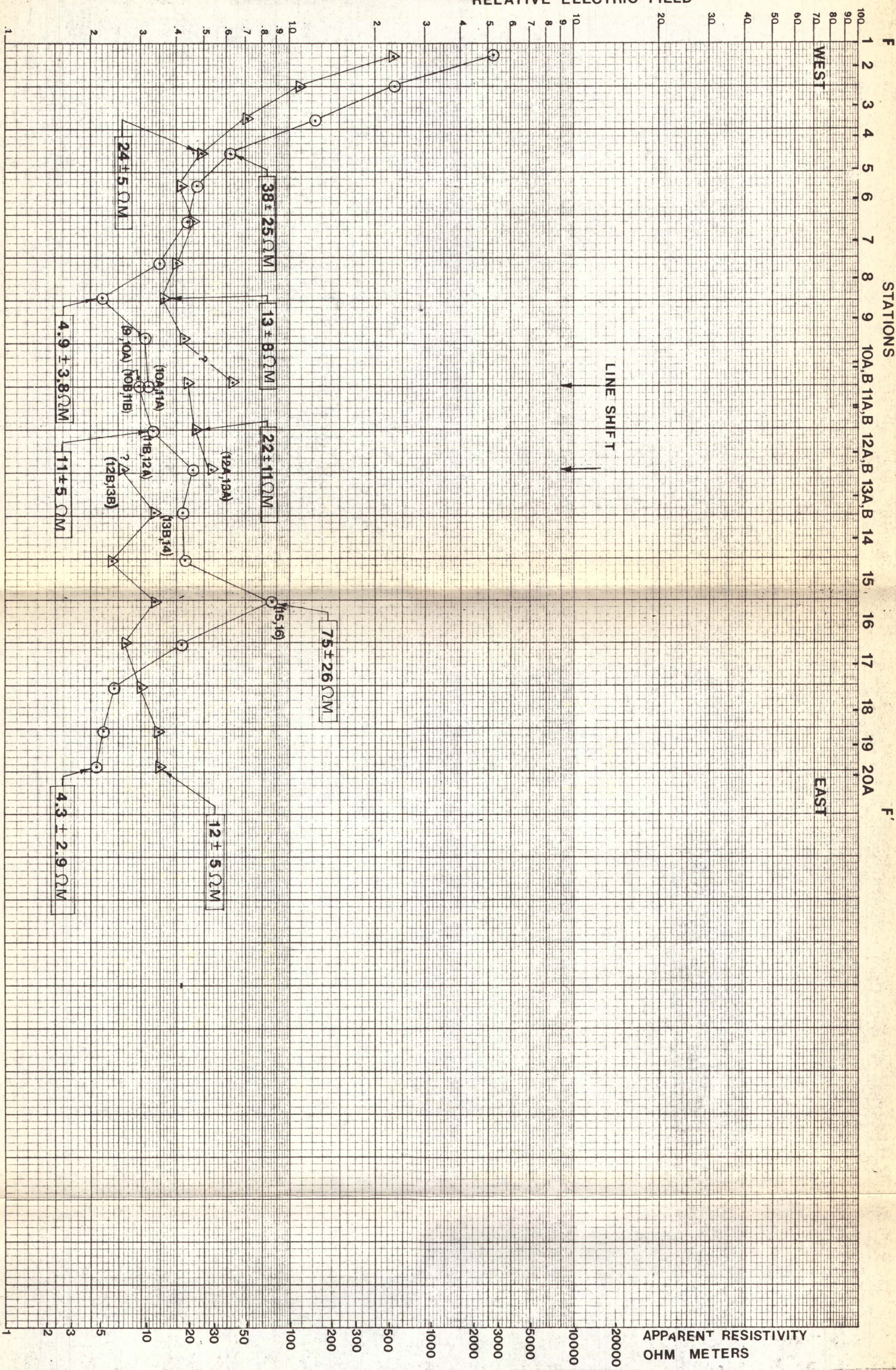



FIG. 9
 TELLURIC MAGNETOTELLURIC
 PROFILE
 ANIMAS, NEW MEXICO
 LINE FF'
 ○ 0.05 HZ
 △ 8.0 HZ
 SCALE 1:62500  2 KILOMETERS

RELATIVE ELECTRIC FIELD

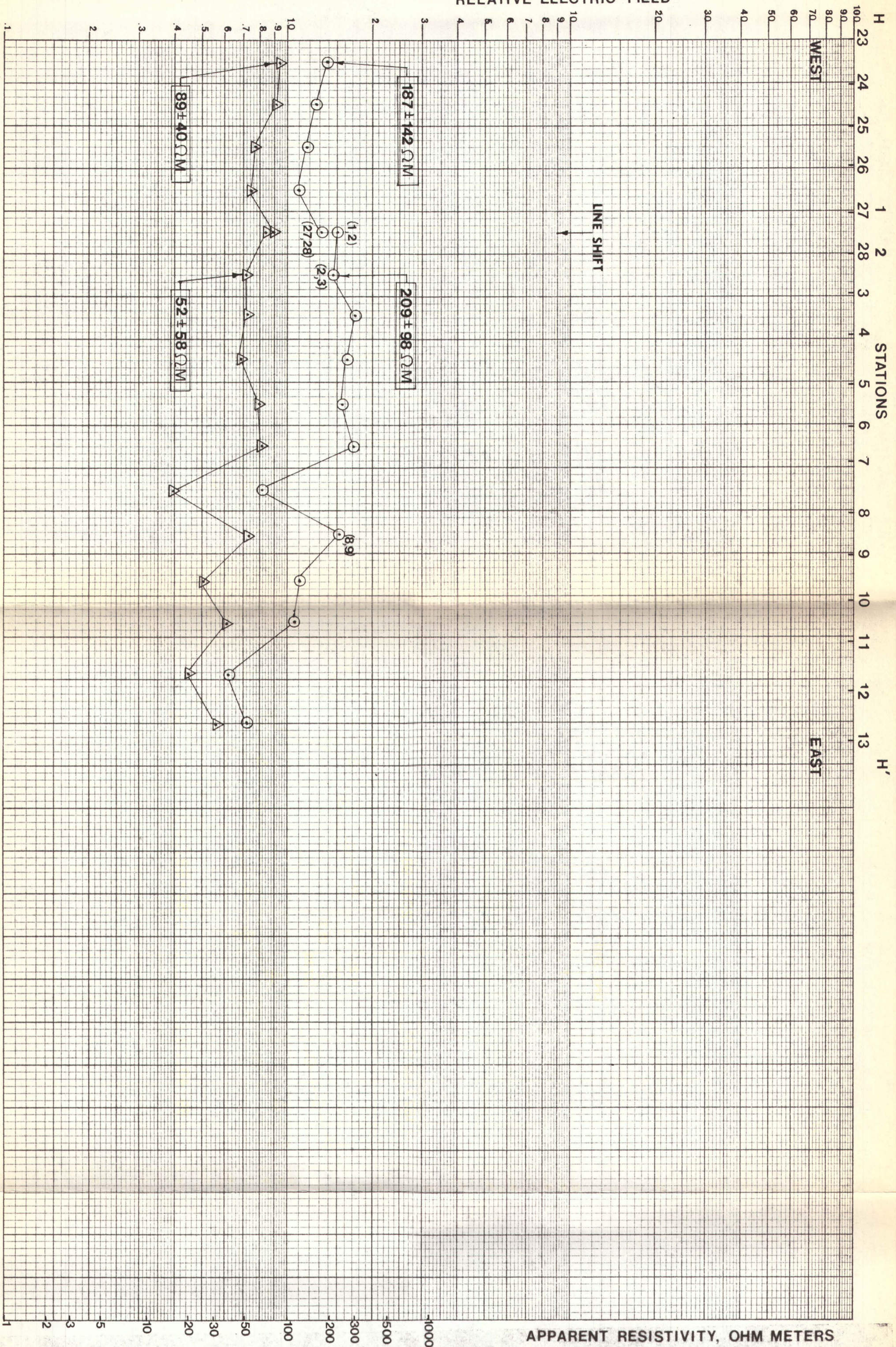


FIG. 10
 TELLURIC MAGNETOTELLURIC
 PROFILE
 ANIMAS, NEW MEXICO
 LINE H H'

○ 0.05 HZ
 △ 8.0 HZ

SCALE 1:62500 2 KILOMETERS

RELATIVE ELECTRIC FIELD

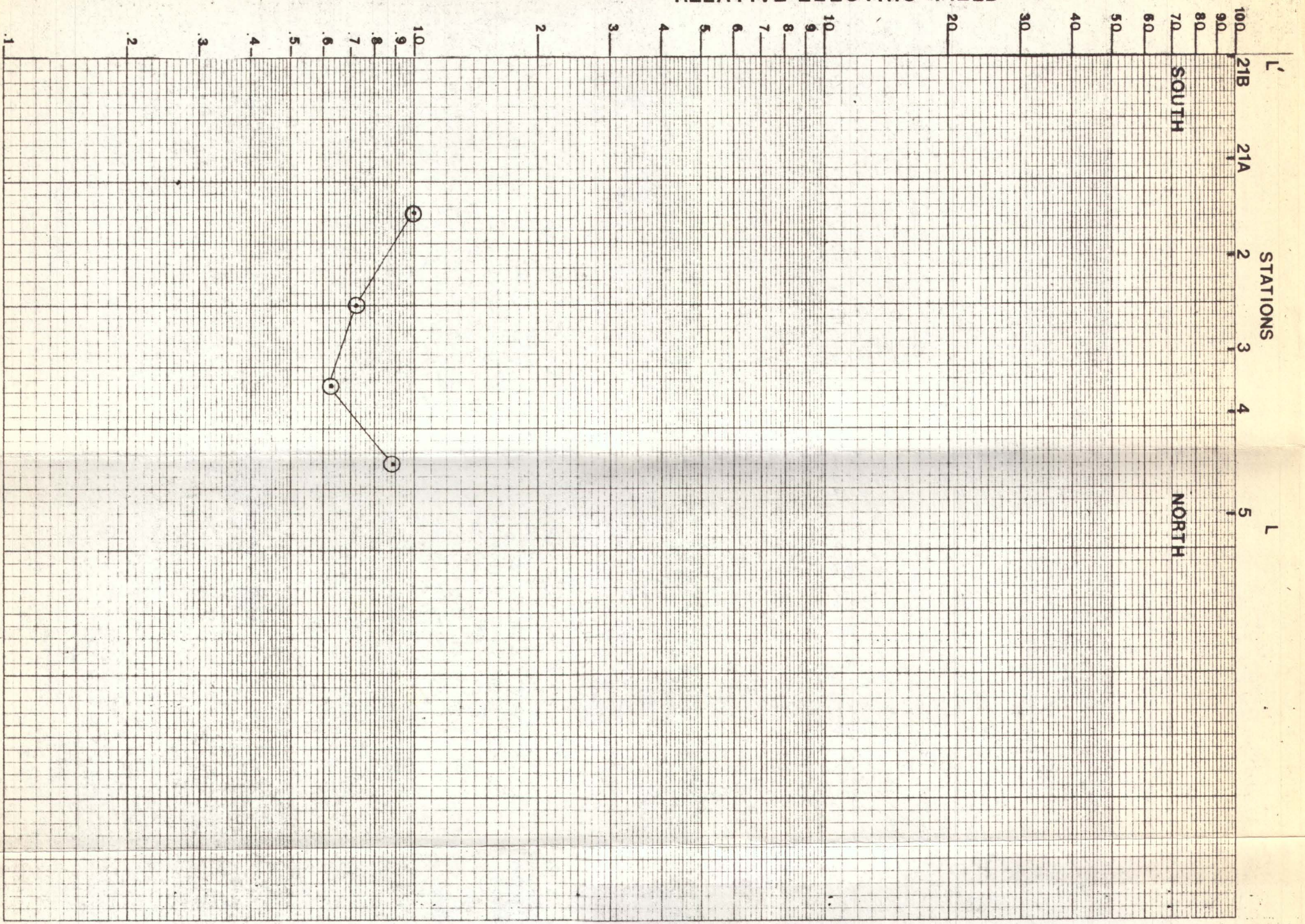



FIG. 11
TELLURIC MAGNETOTELLURIC
PROFILE
ANIMAS, NEW MEXICO
LINE LL'

⊙ 0.05 HZ
 △ 8.0 HZ

SCALE 1:62500  2 KILOMETERS

RELATIVE ELECTRIC FIELD

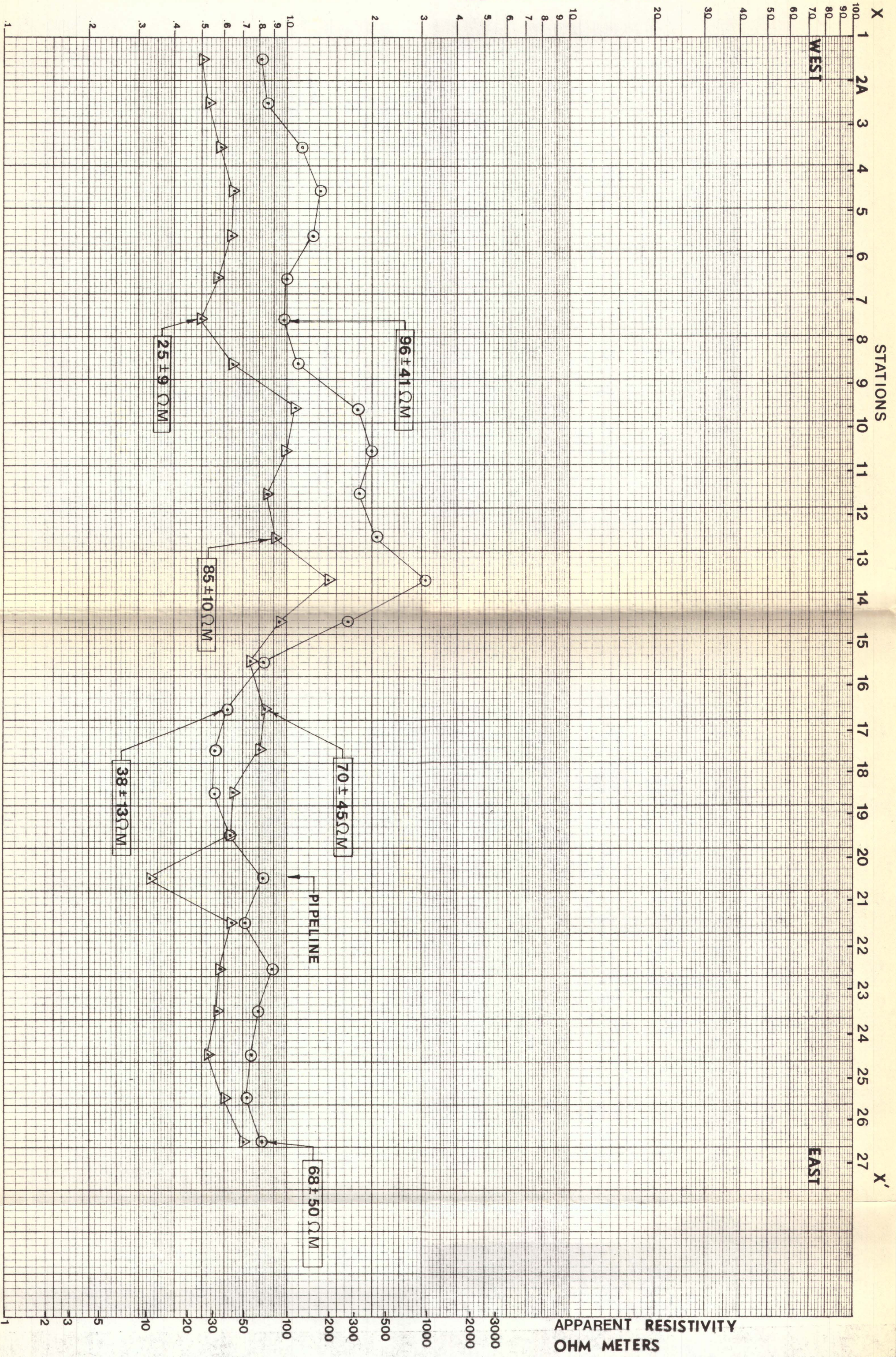



FIG. 12
 TELLURIC MAGNETOTELLURIC
 PROFILE
 ANIMAS, NEW MEXICO
 LINE XX'

○ 0.05-HZ
 △ 8.0 HZ

SCALE 1:62500  2 KILOMETERS

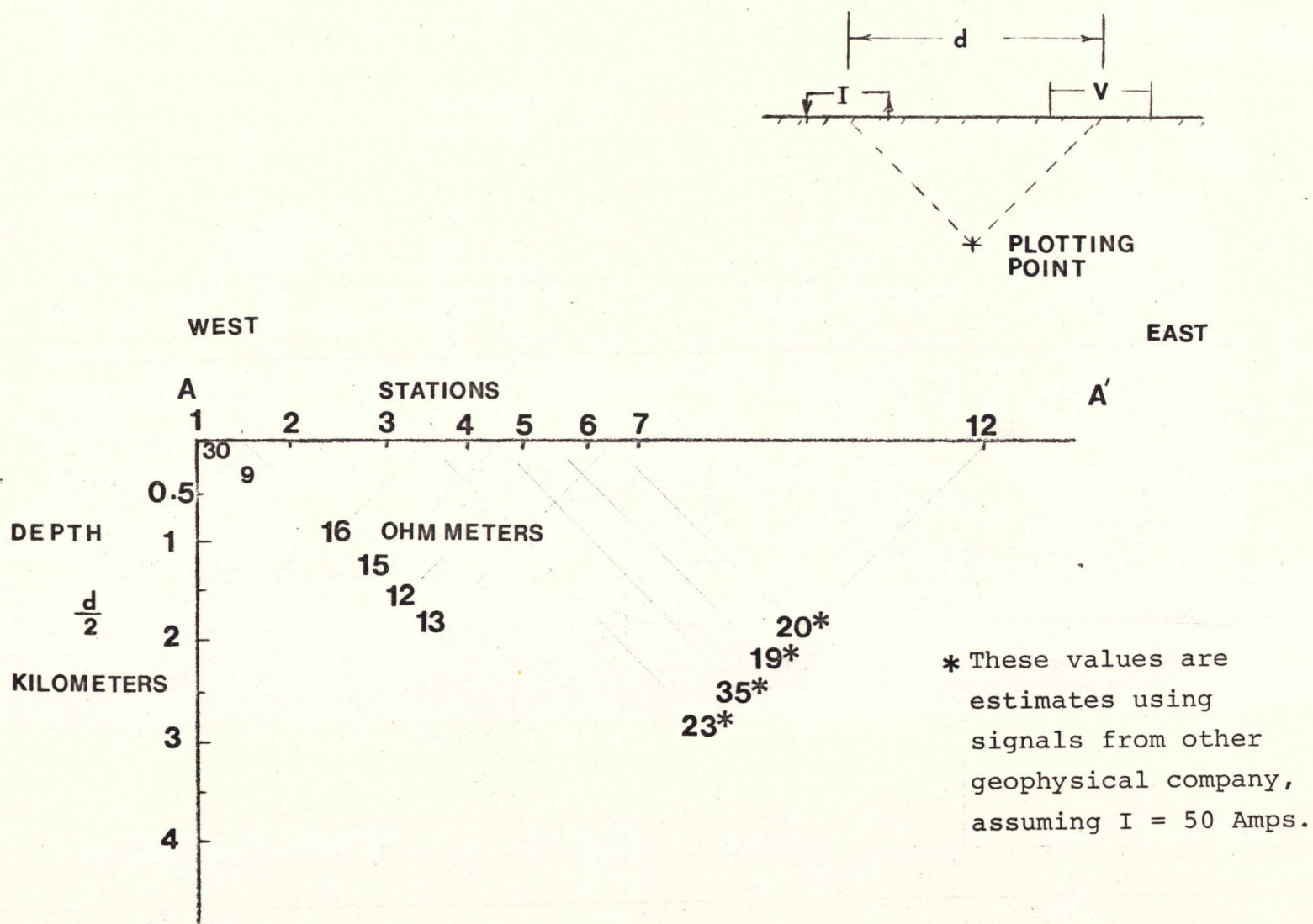


Figure 14. Apparent resistivity pseudosection, line AA', Animas, New Mexico. Resistivity values are in ohm meters.

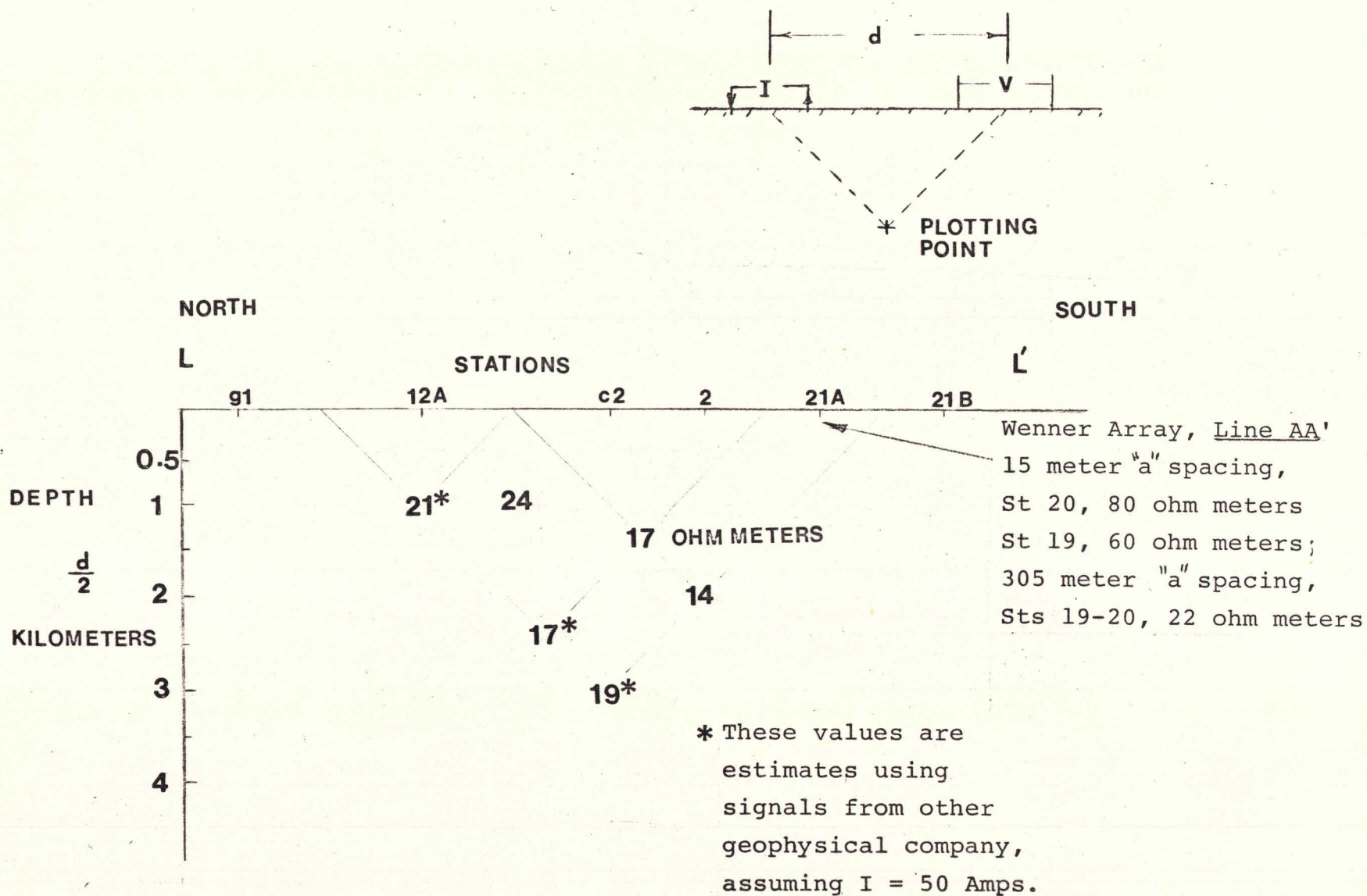


Figure 15. Apparent resistivity pseudosection, line LL', Animas, New Mexico. Resistivity values are in ohm meters.

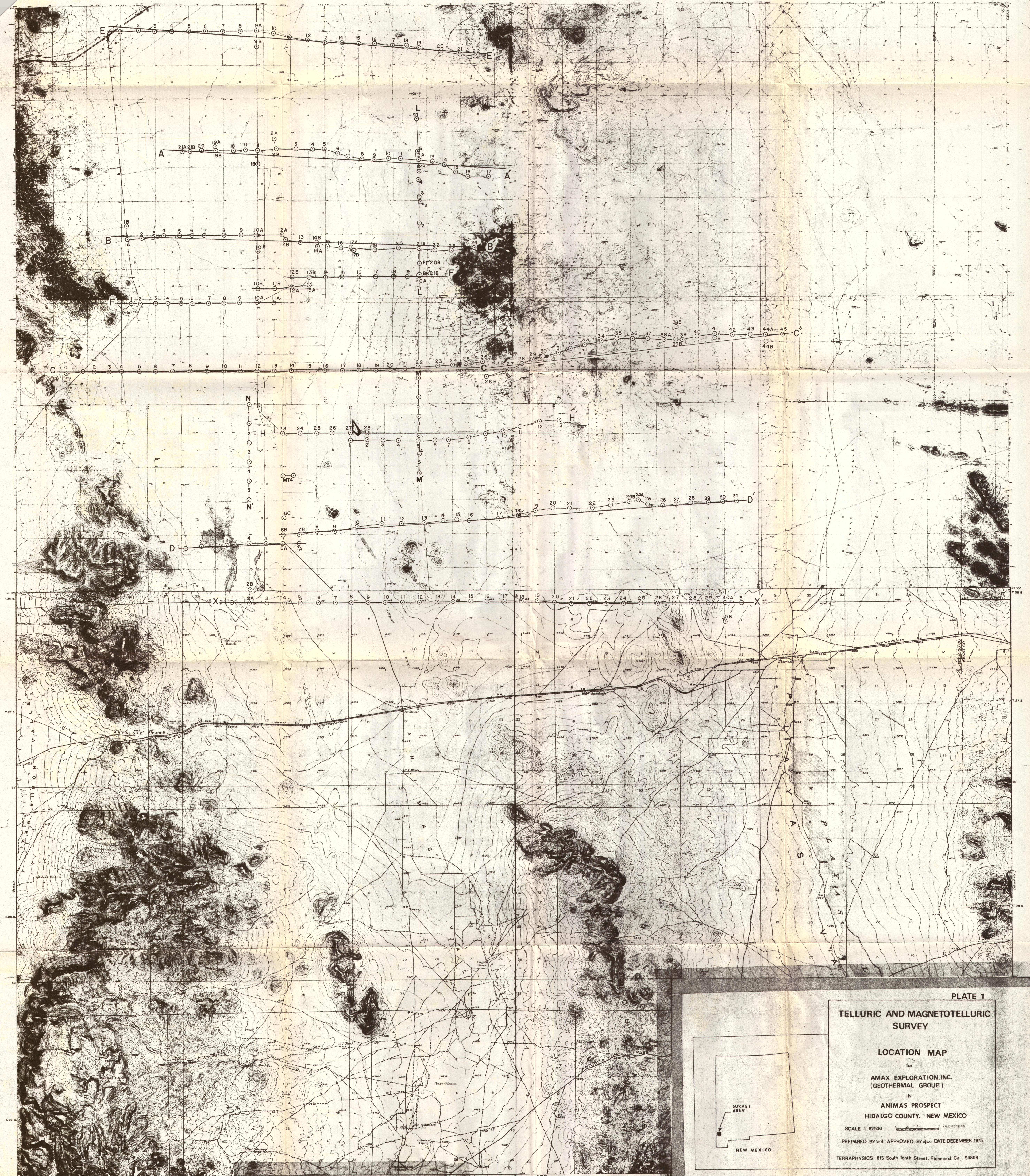


PLATE 1

TELLURIC AND MAGNETOTELLURIC SURVEY

LOCATION MAP

for
 AMAX EXPLORATION, INC.
 (GEOTHERMAL GROUP)
 IN
 ANIMAS PROSPECT
 HIDALGO COUNTY, NEW MEXICO

SCALE 1:62500

PREPARED BY W.H. APPROVED BY DATE DECEMBER 1975

TERRAPHYSICS 815 South Tenth Street, Richmond, Ca 94804

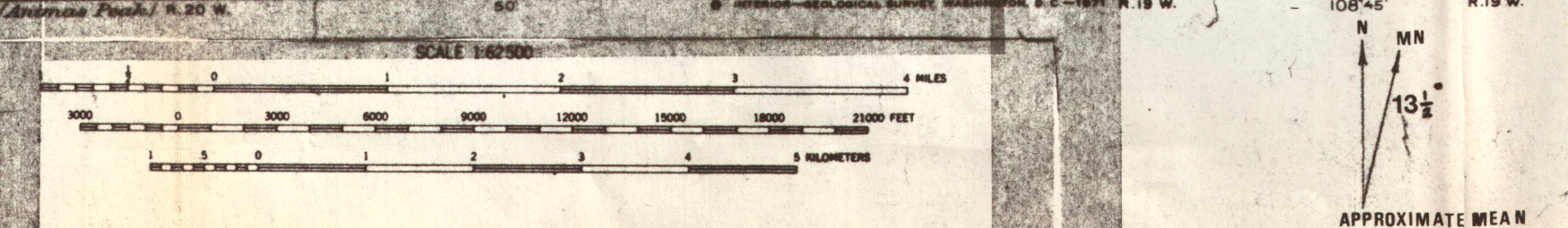
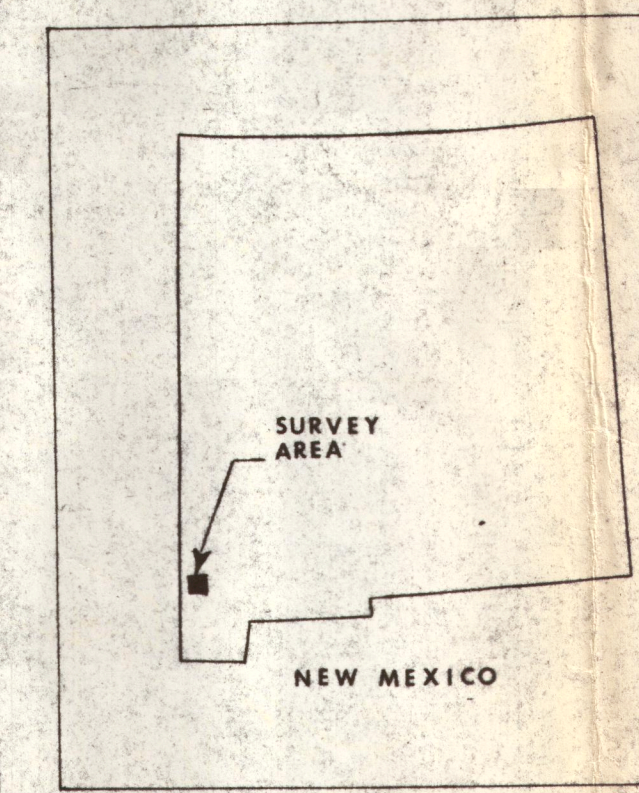




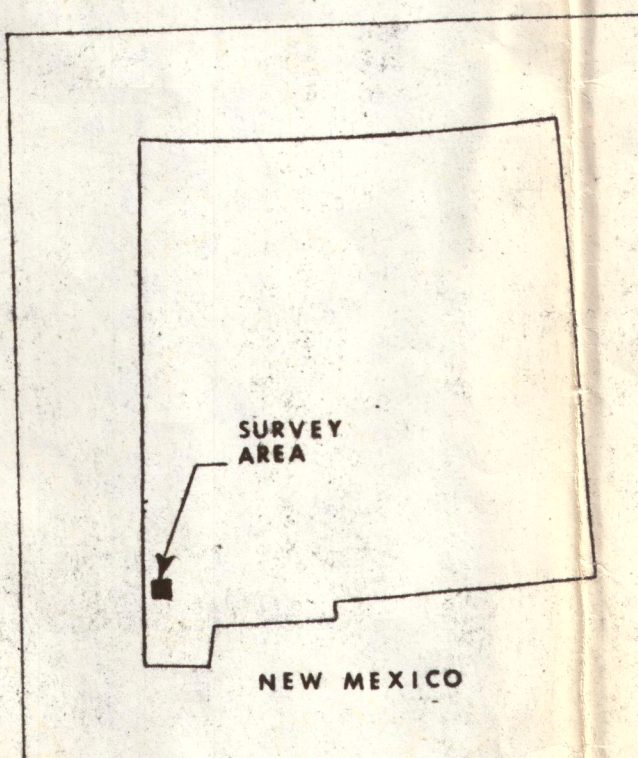
PLATE 2

TELLURIC AND MAGNETOTELLURIC SURVEY
APPARENT RESISTIVITY, 0.05 HZ
OHM METERS

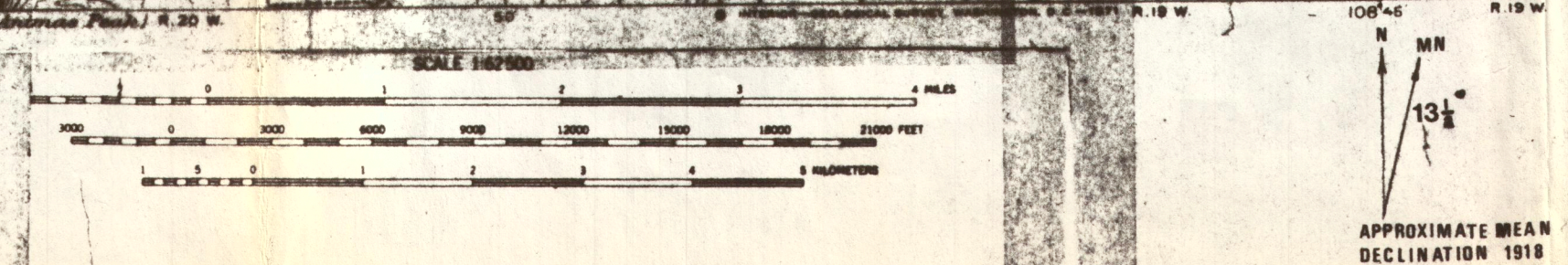
for
AMAX EXPLORATION, INC.
 (GEOTHERMAL GROUP)
 IN
ANIMAS PROSPECT
HIDALGO COUNTY, NEW MEXICO

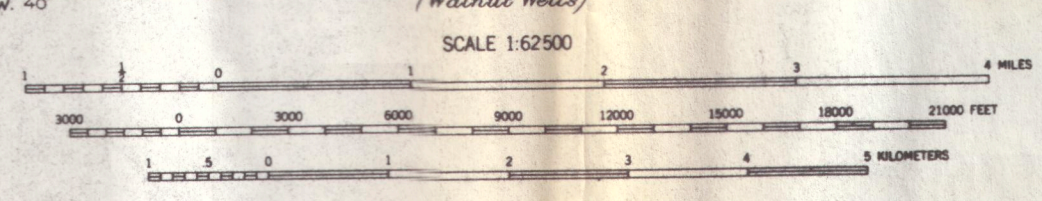
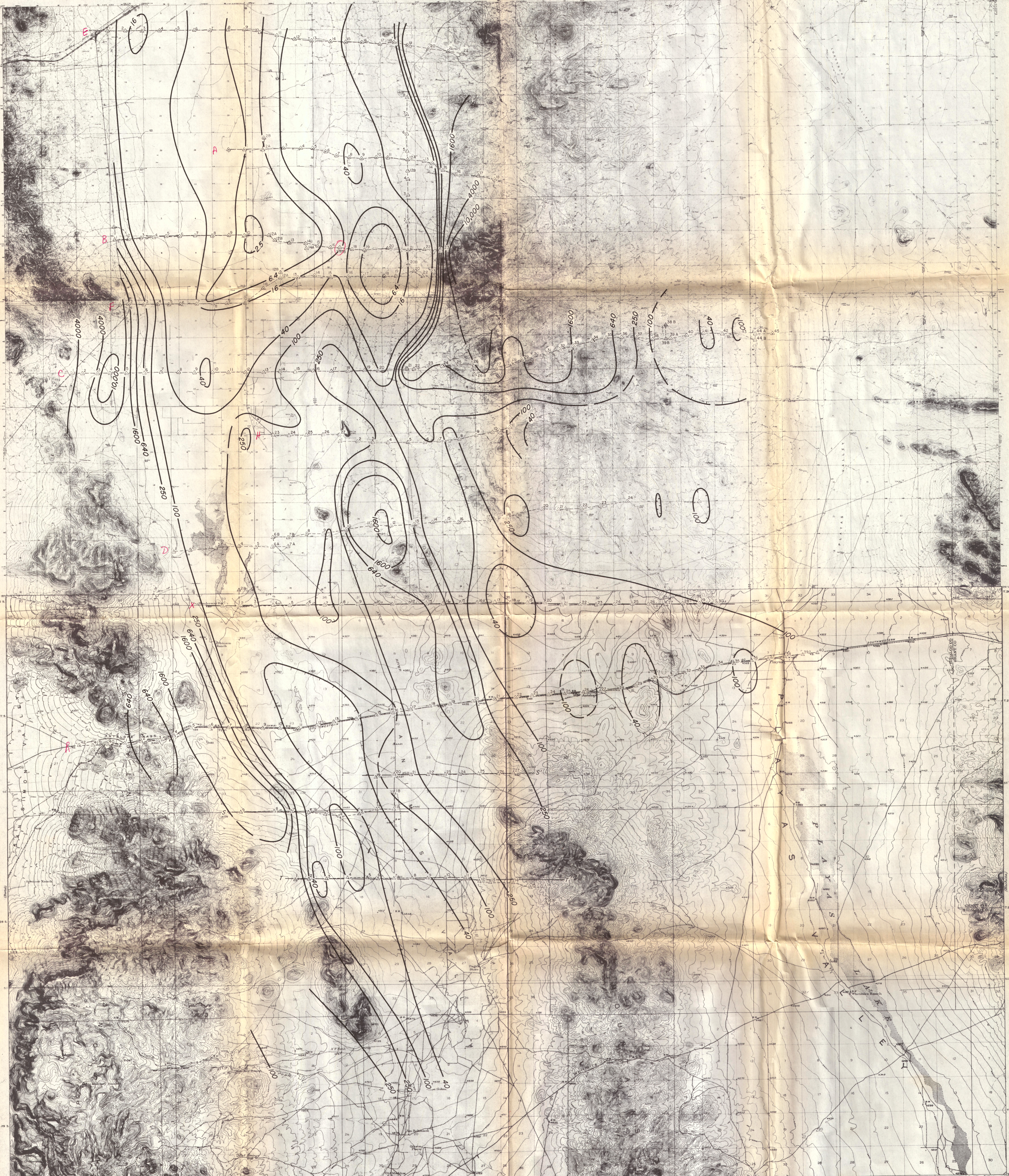
SCALE 1:62,500
 PREPARED BY AND APPROVED BY DATE FEBRUARY 1976

TERRAPHYSICS 815 South Tenth Street, Richmond Ca. 94804



*MT-Telluric
 P in cm @.05 Hz
 Pa*





AMAX EXPLORATION, INC.
DENVER, COLORADO
ANIMAS-ANTELOPE
NEW MEXICO
TELLURIC, MT SURVEY @.05#2
Oct. 31, 75