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Phoenix, AZ 85007
602-771-1601
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inquiries@azgs.az.gov

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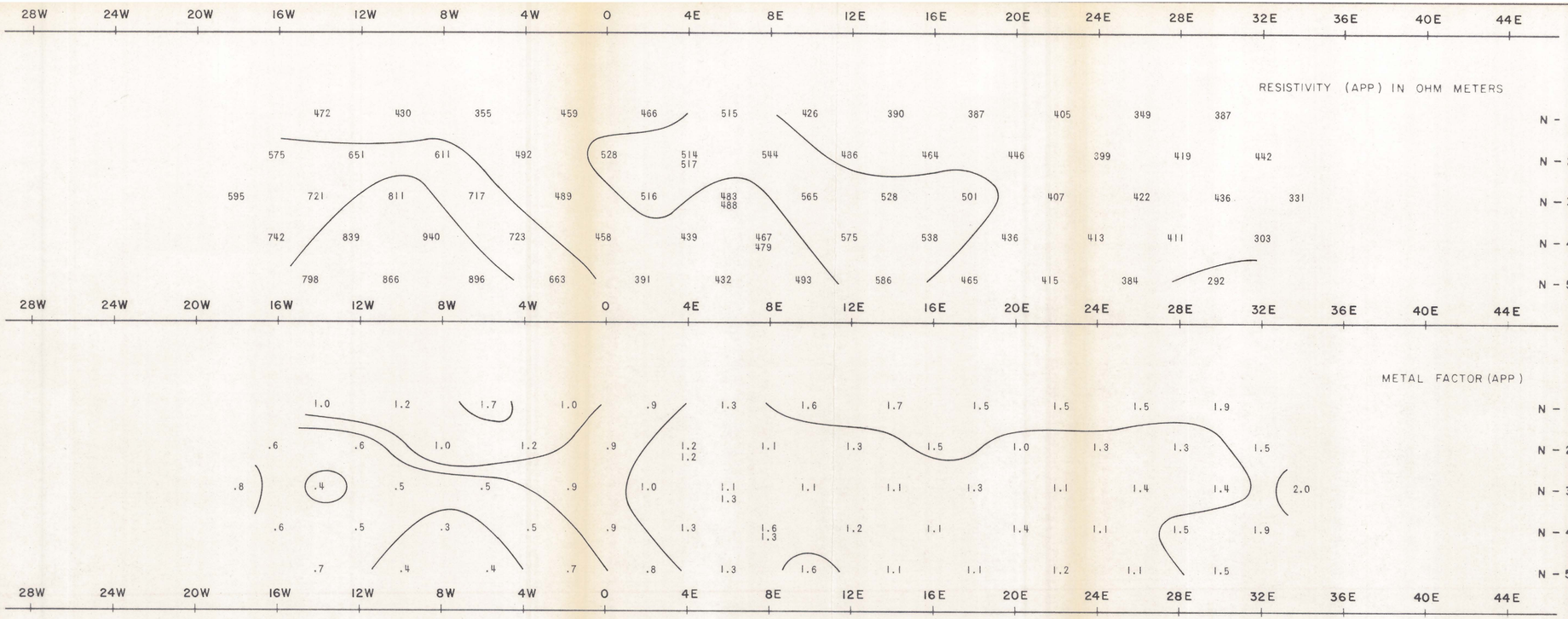
REPORT ON THE INDUCED POLARIZATION AND RESISTIVITY SURVEY ON THE STRONG AND HARRIS PROPERTY COCHISE COUNTY, ARIZONA FOR PROSPECTING GEOPHYSICS

Donated by the Family of
H. J. Bergmann P. Eng.

PHOENIX GEOPHYSICS



DWG. NO. - I. P. - U-5125-1

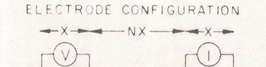
PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - 14S

ELECTRODE CONFIGURATION



PLOTTING POINT → X = 400 FT

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

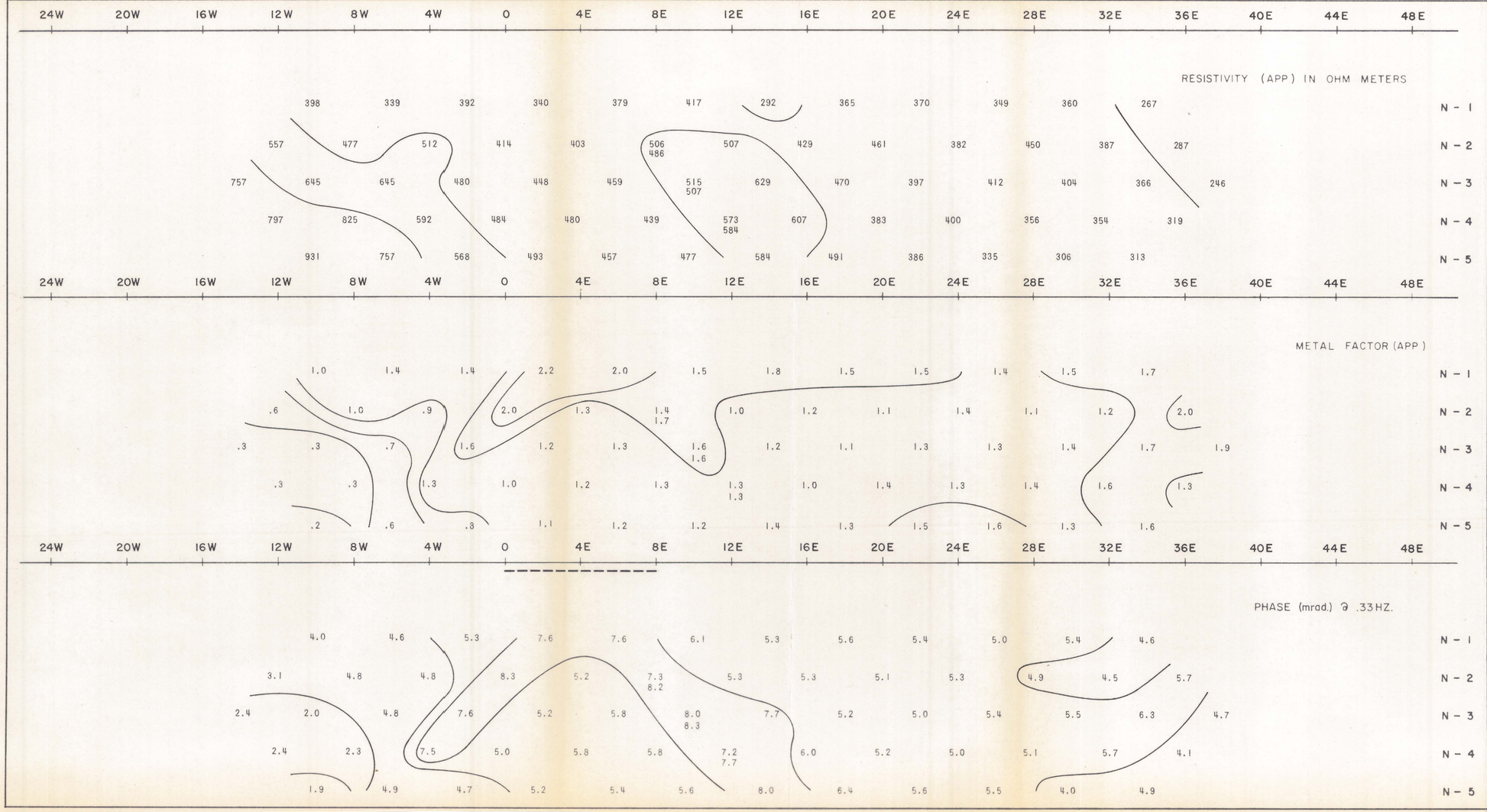
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



DWG. NO. - I. P. - U - 5125 - 2

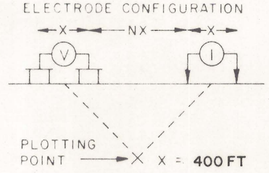
PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - 10S

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

APPROVED

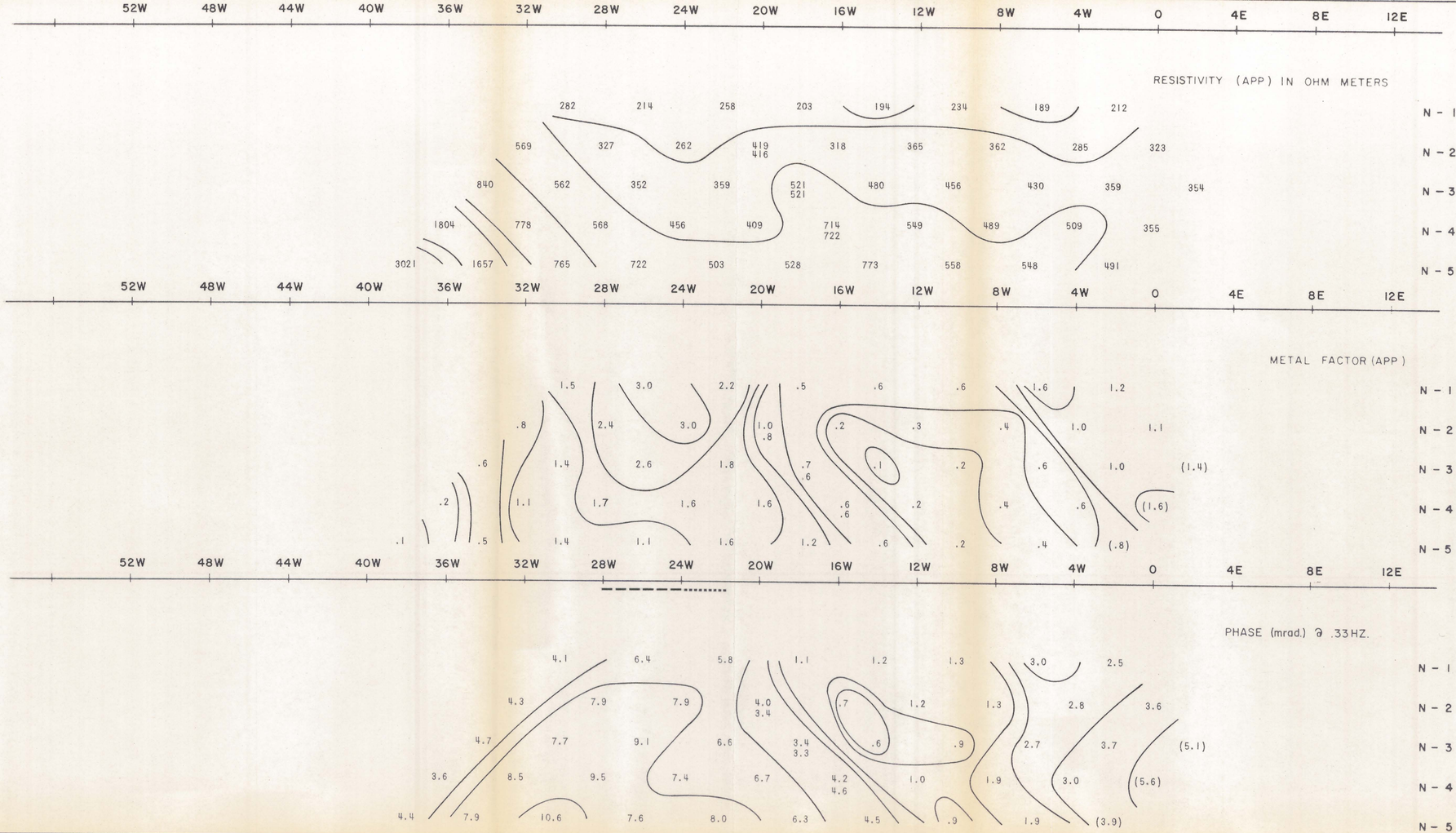
Robert Erickson as per tel.

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE _____

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



DWG. NO. - I. P. - U-5125-3

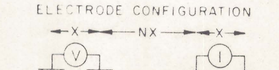
PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - 4N

ELECTRODE CONFIGURATION



PLOTTING POINT → X = 400 FT

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

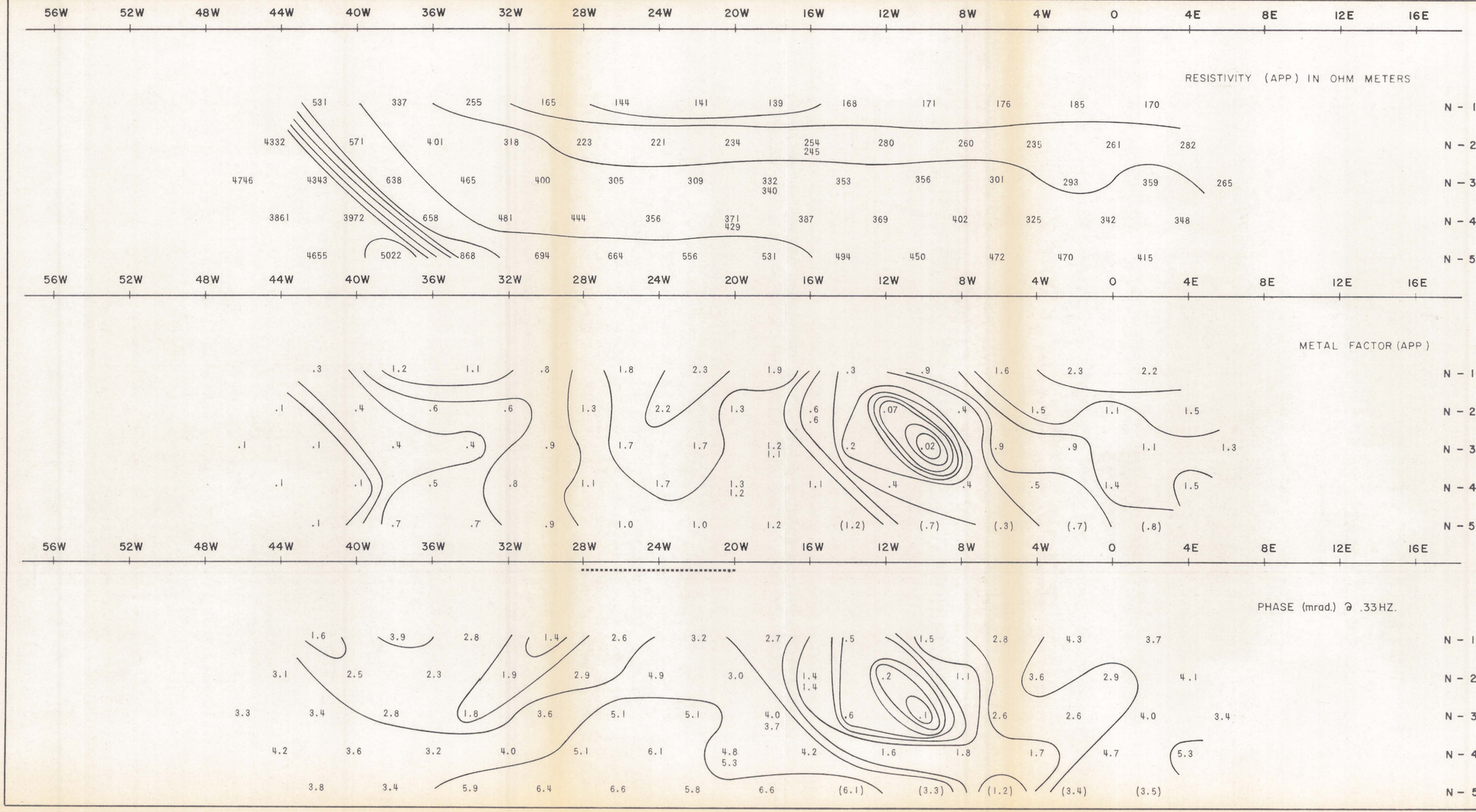
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



DWG. NO. - I. P. - U-5125-4

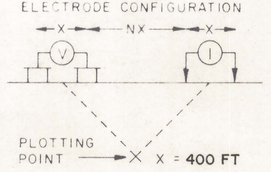
PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - 10N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

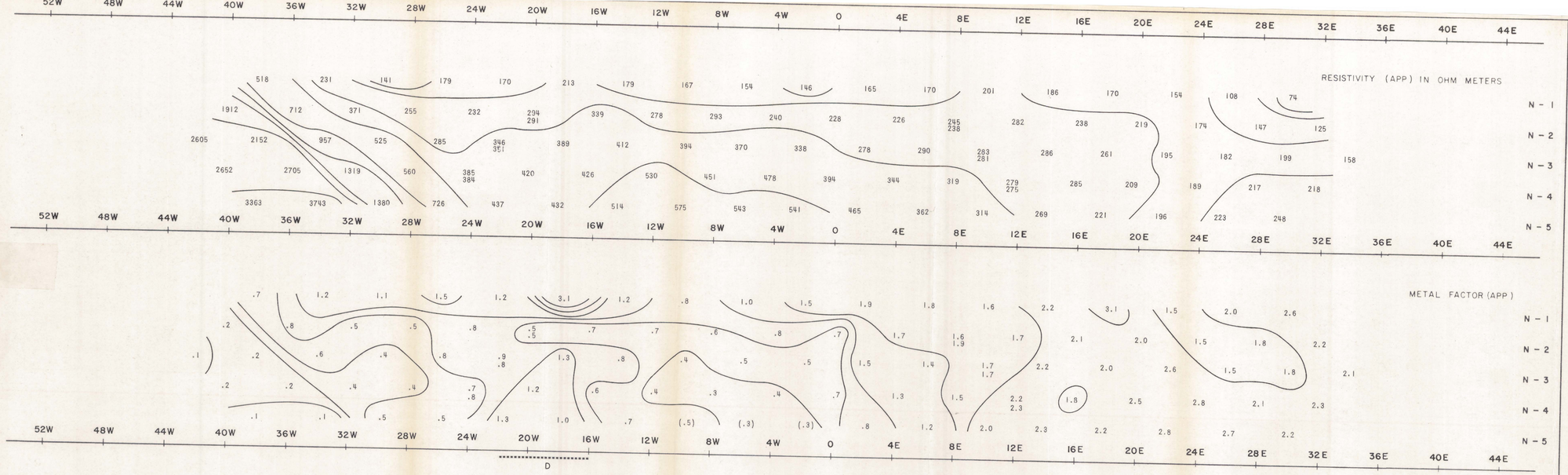
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



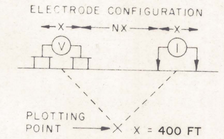
DWG. NO. - I.P. - U-5125-5

PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY, ARIZONA

LINE NO. - 16 N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

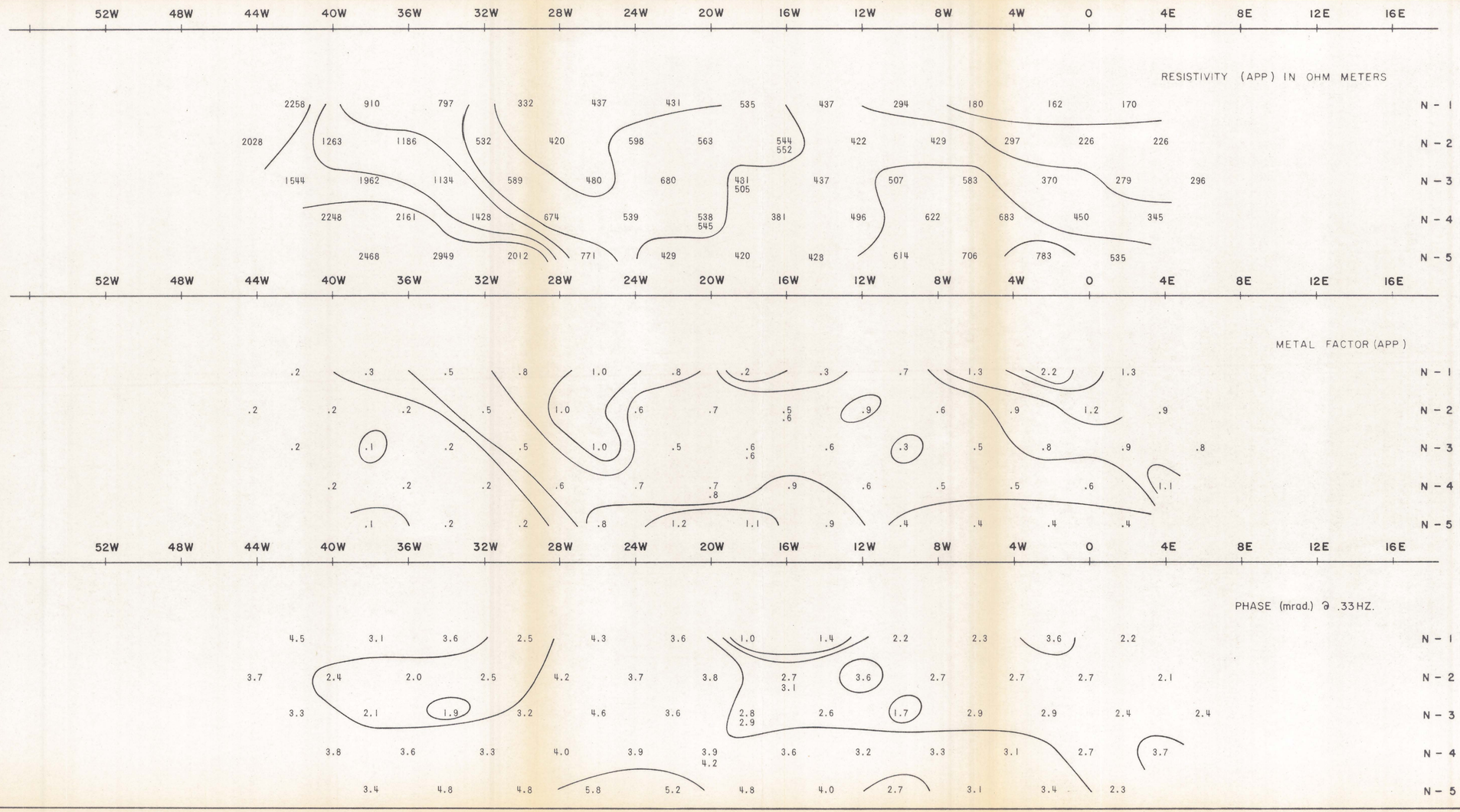
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



DWG. NO. - I. P. - U - 5125-6

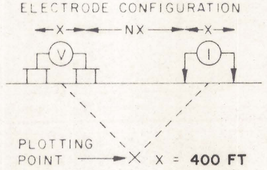
PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - 22 N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

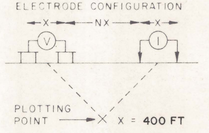
INDUCED POLARIZATION AND RESISTIVITY SURVEY

DWG. NO. - I. P. - U - 5125-7

PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY, ARIZONA

LINE NO. - 28 N



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

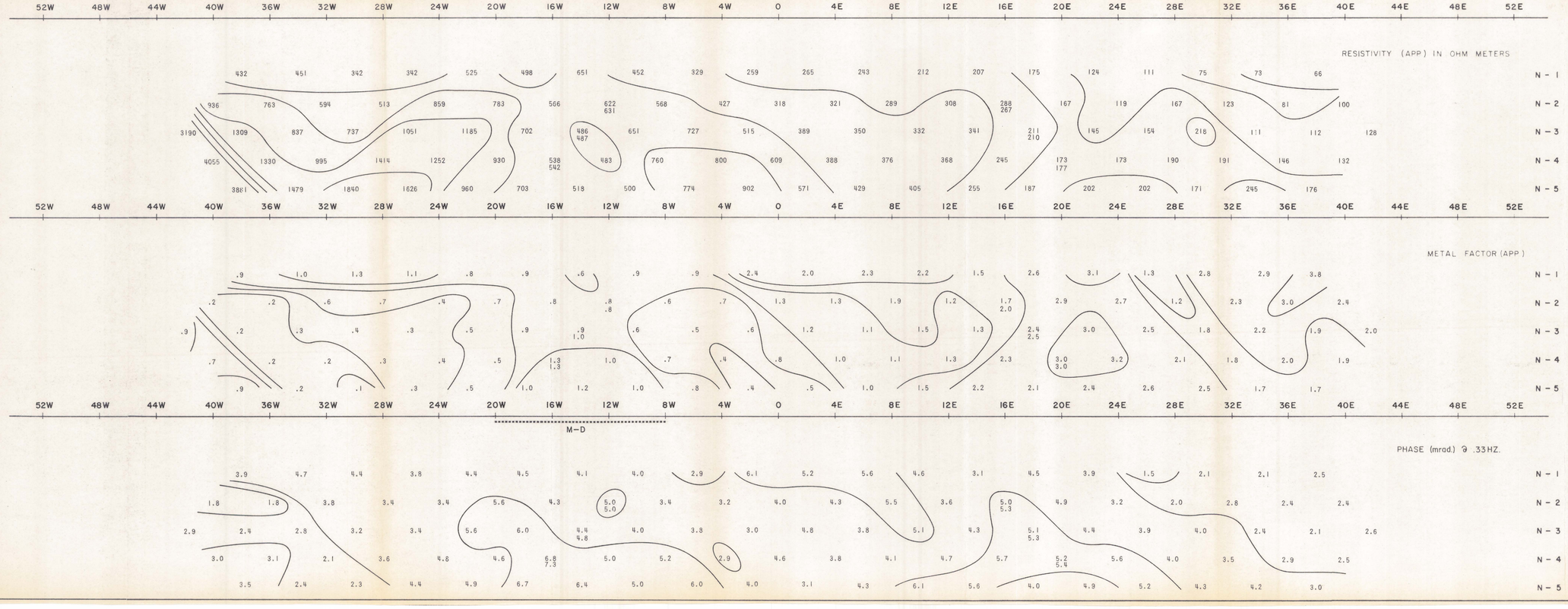
APPROVED

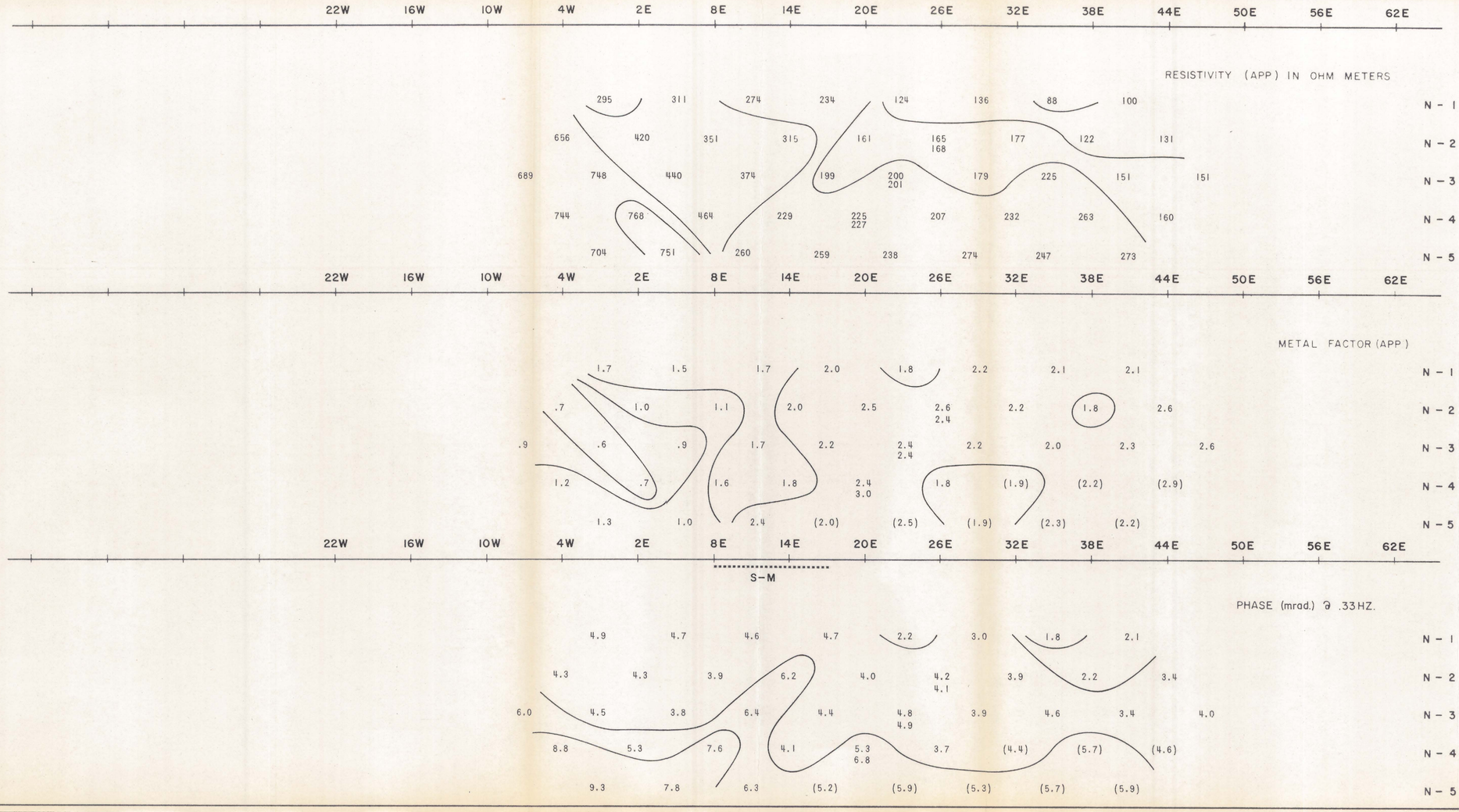
NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY





DWG. NO. - I. P. - U-5125-8

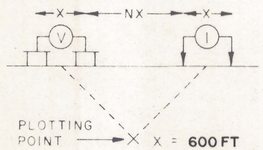
PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - 28N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED: JULY 1981

APPROVED

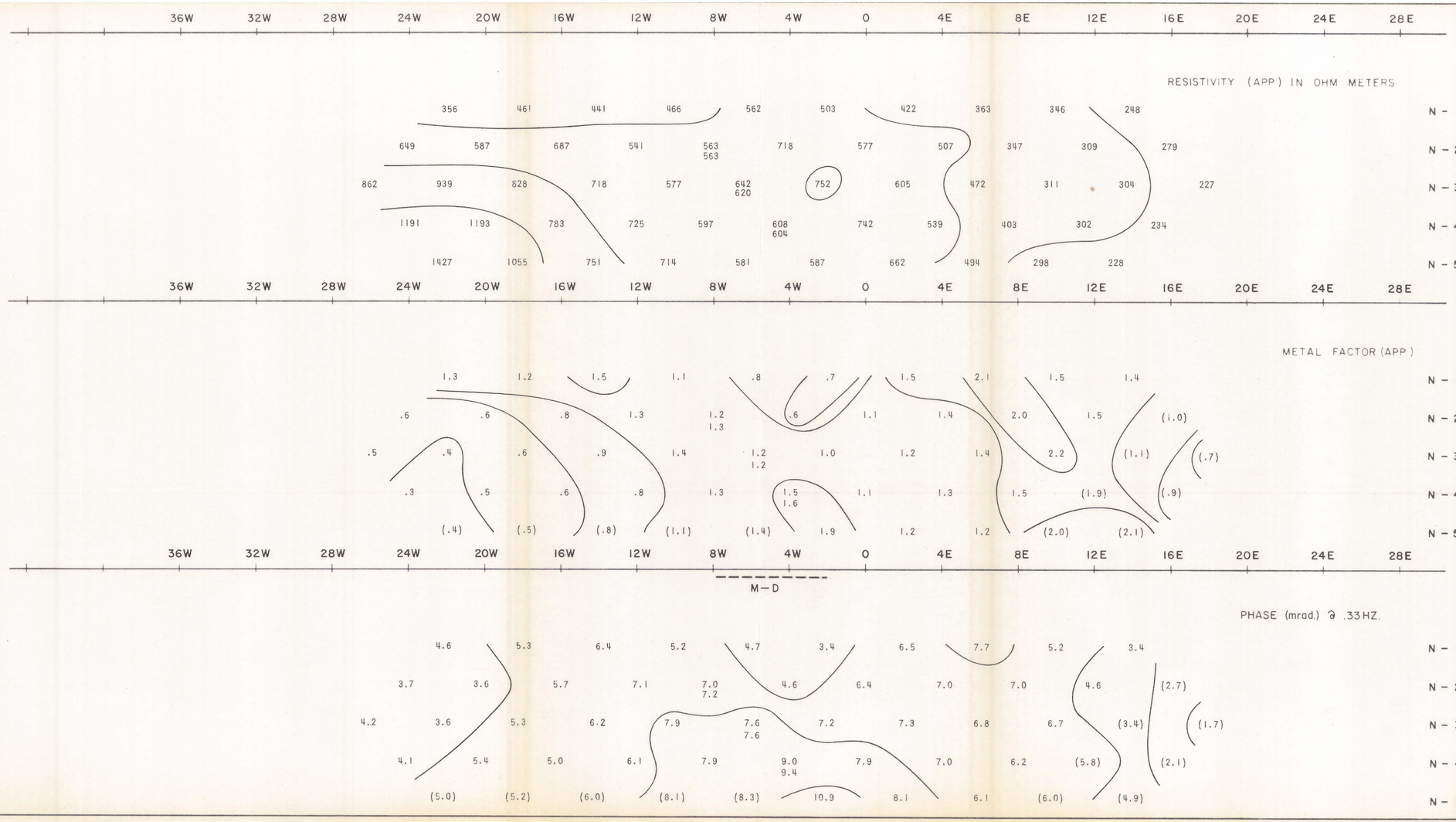
Robert Anderson as per phone

DATE

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2. - 3 - 5 - 7.5 - 10

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



DWG. NO. - I. P. - U - 5125-9

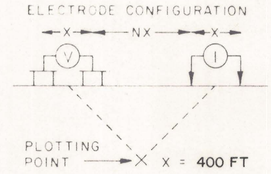
PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - 34N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

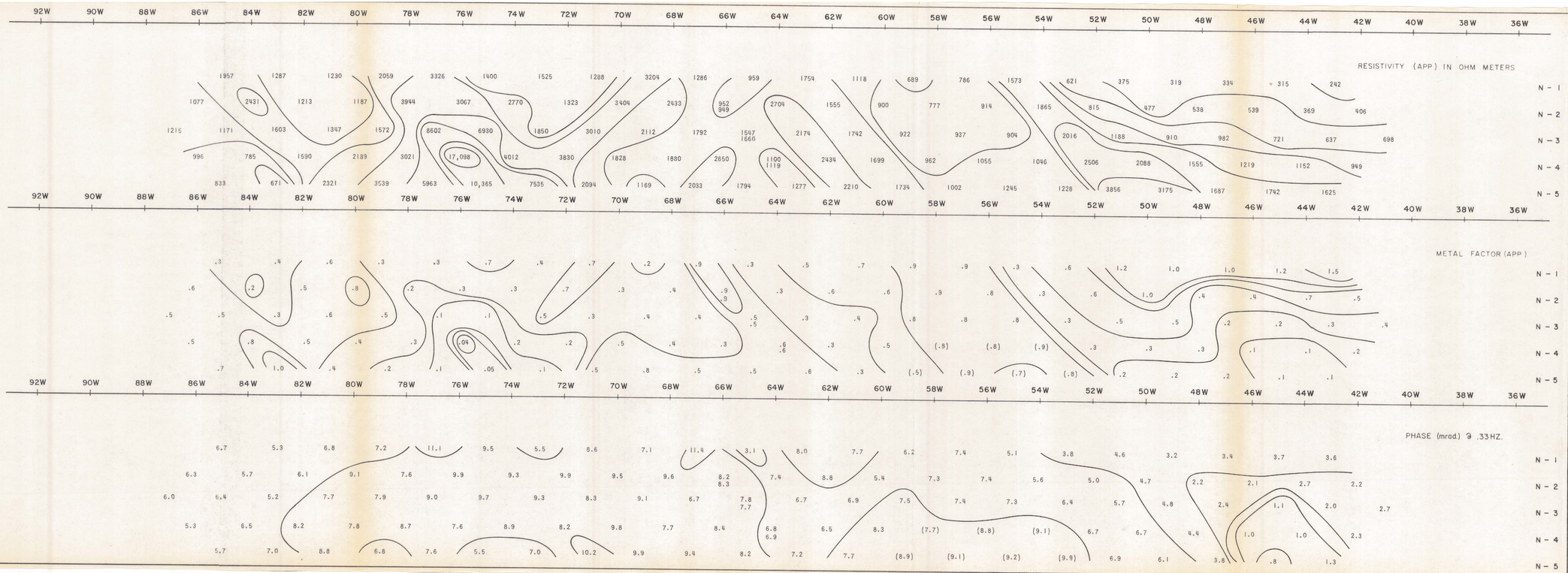
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



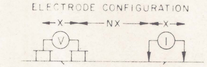
DWG. NO. - I. P. - U - 5125-10

PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY, ARIZONA

LINE NO. - 36N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

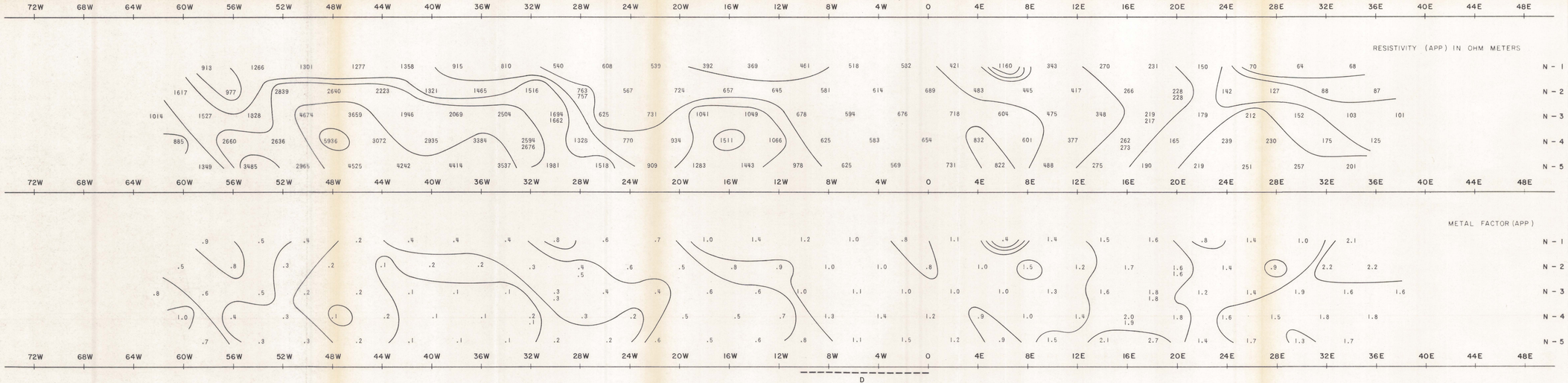
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



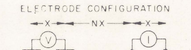
DWG. NO. - I. P. - U - 5125-11

PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY, ARIZONA

LINE NO. - 40N

ELECTRODE CONFIGURATION



PLOTTING POINT — X = 400 FT

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

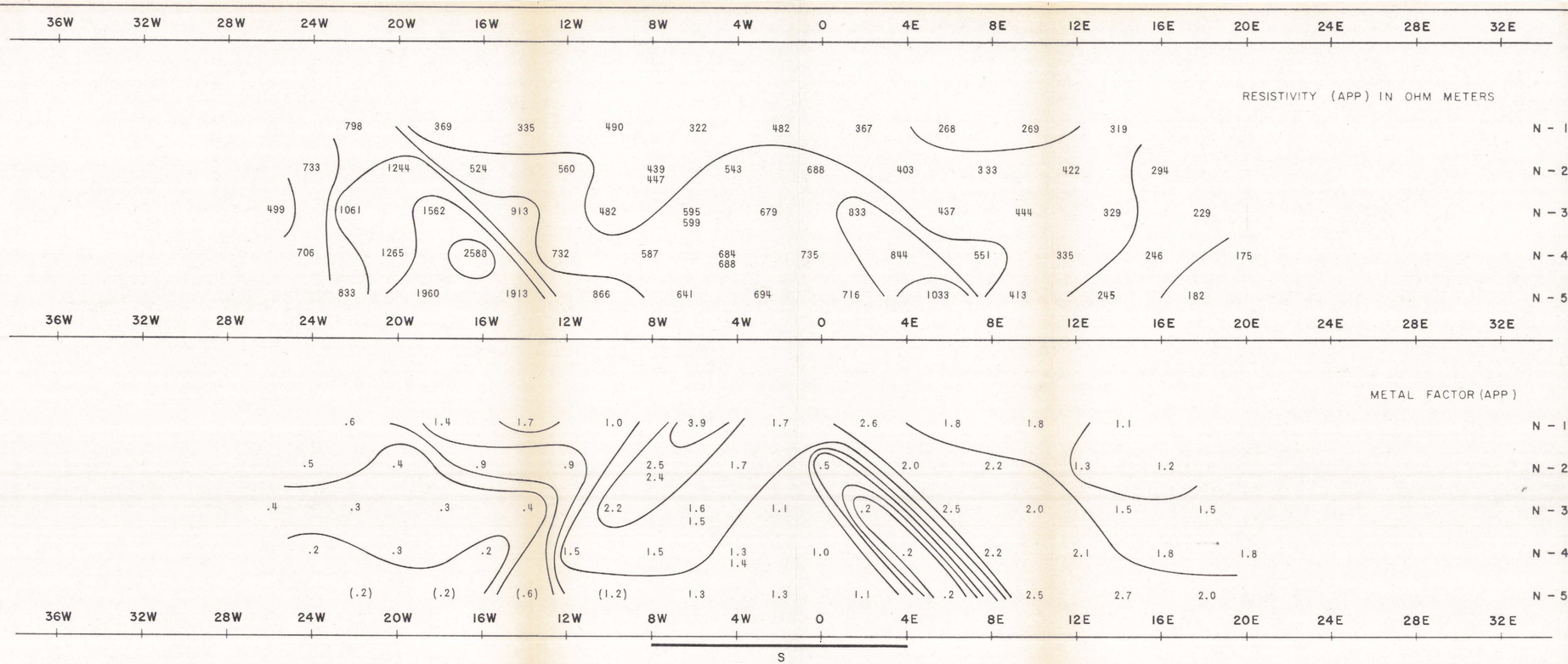
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



DWG. NO. - I. P. - U - **5125-12**

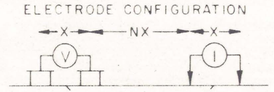
PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - **44N**

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

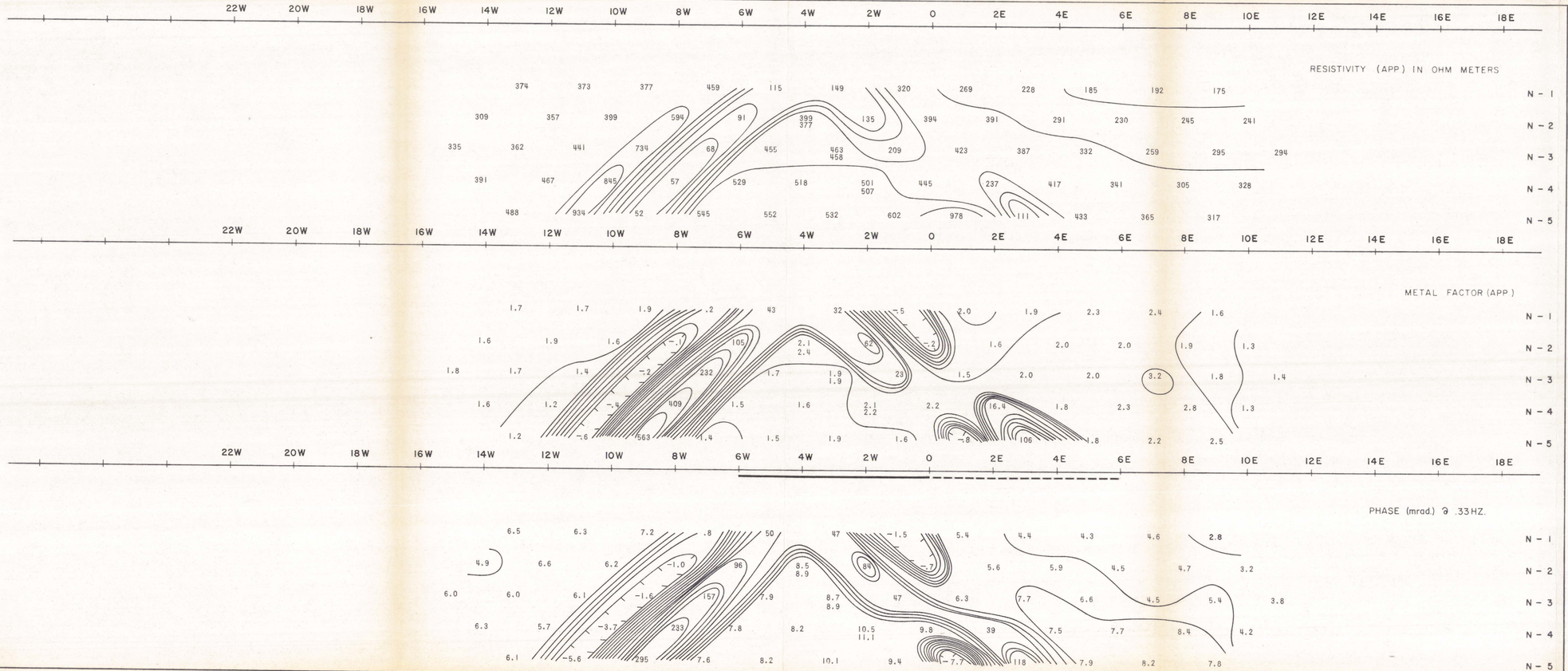
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



DWG. NO. - I. P. - U - 5125 - 13

PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. - 44N

ELECTRODE CONFIGURATION

PLOTTING POINT → X = 200 FT

SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

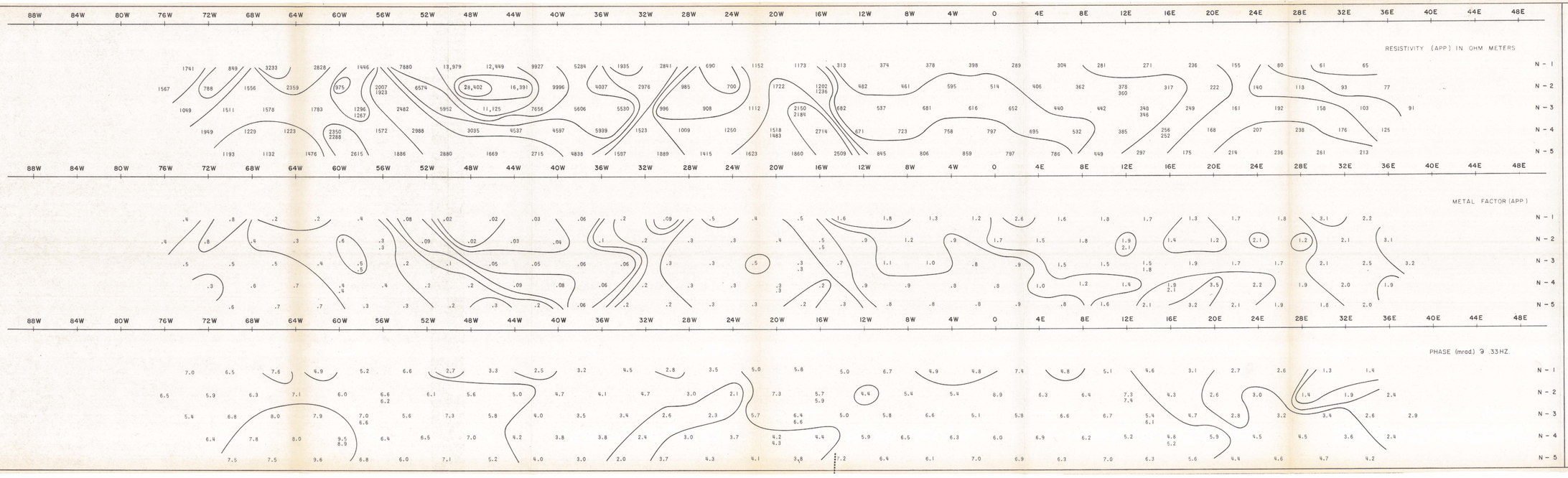
APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY



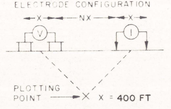
DWG. NO. - I. P. - U - 5125 - 14

PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY, ARIZONA

LINE NO. - 48 N

ELECTRODE CONFIGURATION



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE
PROBABLE
POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

APPROVED

NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 - 1.5 - 2 - 3 - 5 - 7.5 - 10

DATE

PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

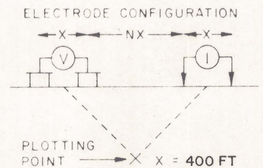
DWG. NO. – I. P. – U – 5125 – 15

PROSPECTING GEOPHYSICS INC.

STRONG & HARRIS PROPERTY COCHISE COUNTY,

ARIZONA

LINE NO. – 56 N



SURFACE PROJECTION OF ANOMALOUS ZONES

DEFINITE

PROBABLE

POSSIBLE

FREQUENCIES .33 HZ

DATE SURVEYED JULY 1981

APPROVED

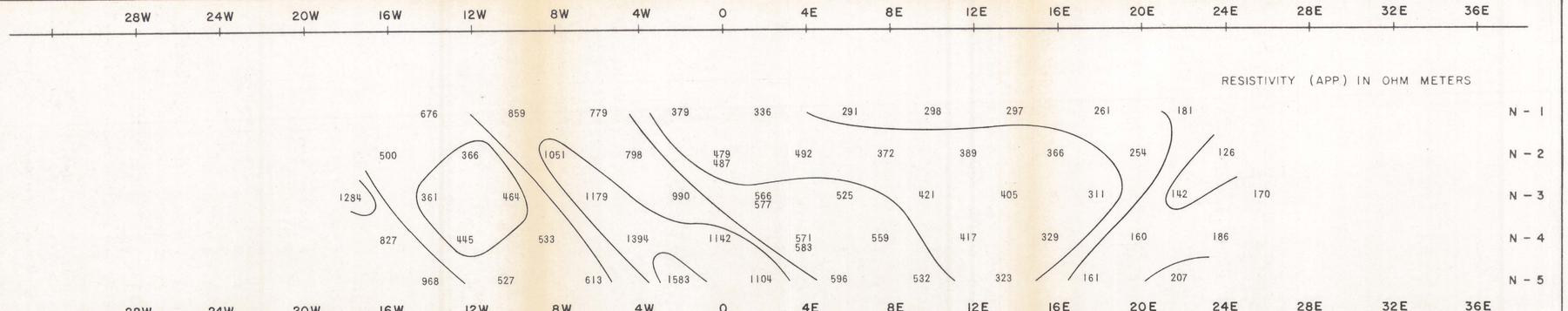
NOTE CONTOURS AT LOGARITHMIC INTERVALS 1 – 1.5 – 2 – 3 – 5 – 7.5 – 10

DATE

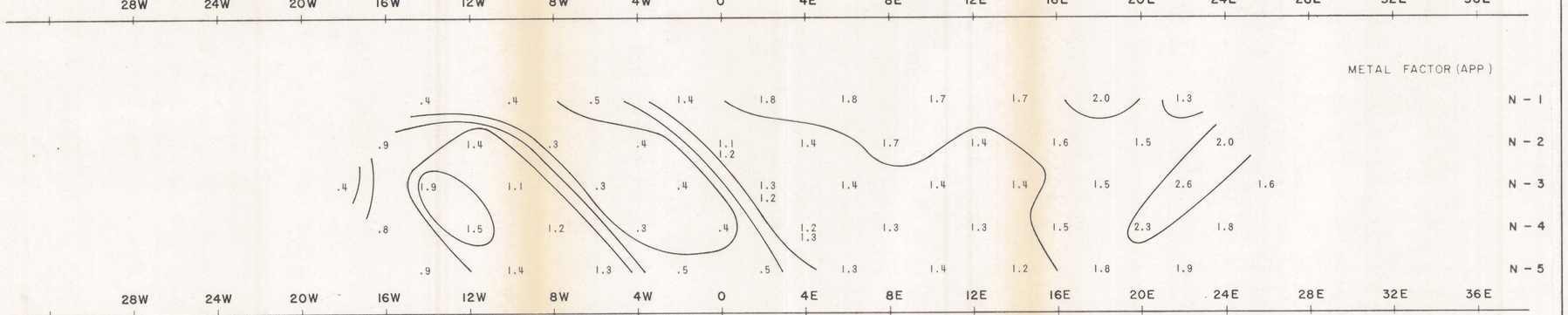
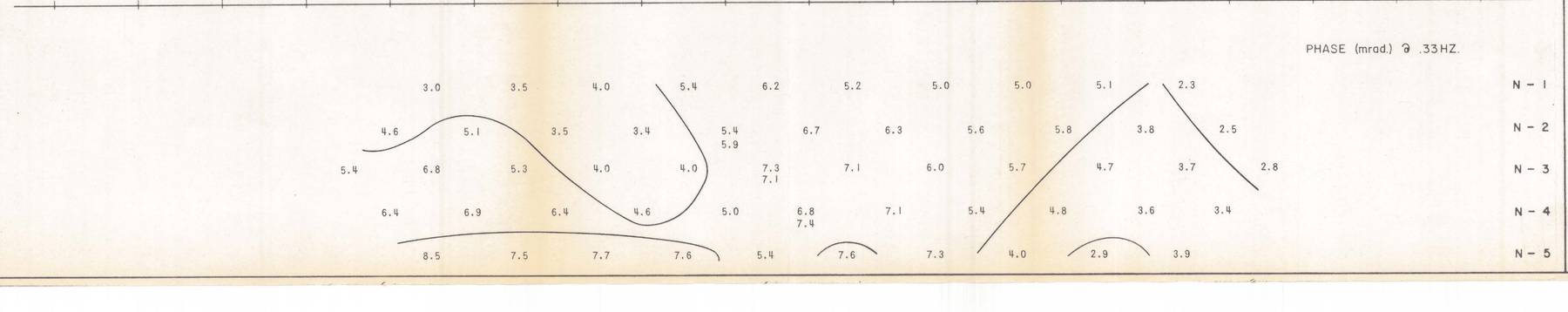
PHOENIX GEOPHYSICS

INDUCED POLARIZATION AND RESISTIVITY SURVEY

RESISTIVITY (APP.) IN OHM METERS



METAL FACTOR (APP.)



PHASE (mrad.) @ .33HZ.