Initials: AW

File Name: 376360

Commodity: Ag Au Cu Fe Pb Zn

Country: USA

State/Province: NEVADA

County: DOUGLAS ORMSBY

Project: PINE NUT

Date: 1974

Title/Subject: INDUCED POLARIZATION SURVEY

Notes: MAPS 1,2,3 AND 4 of 4

#4 Oversize Doc(s) ____Assay Data ____Log(s)

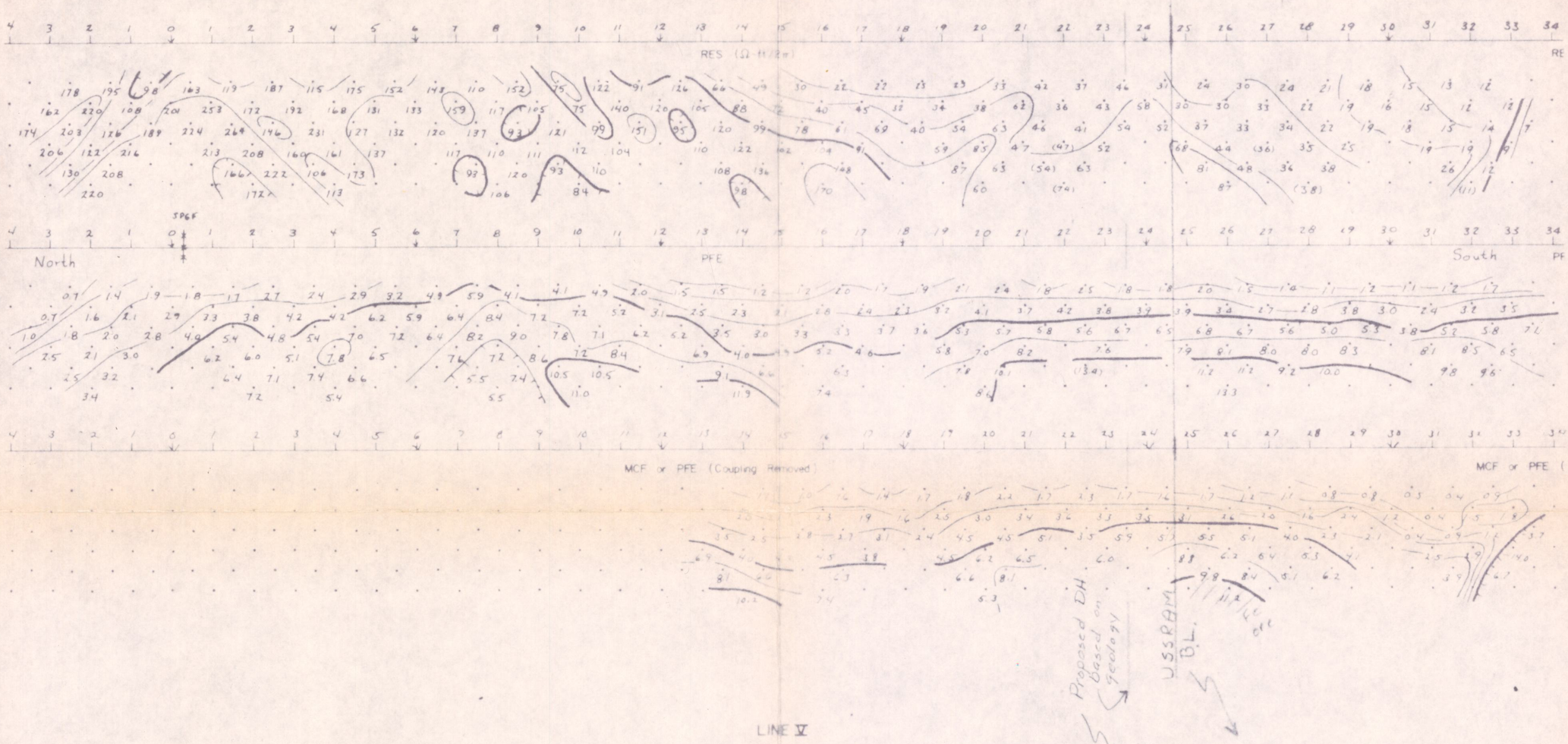
Map Scale: 1" = 1000'

T: 019N 015N

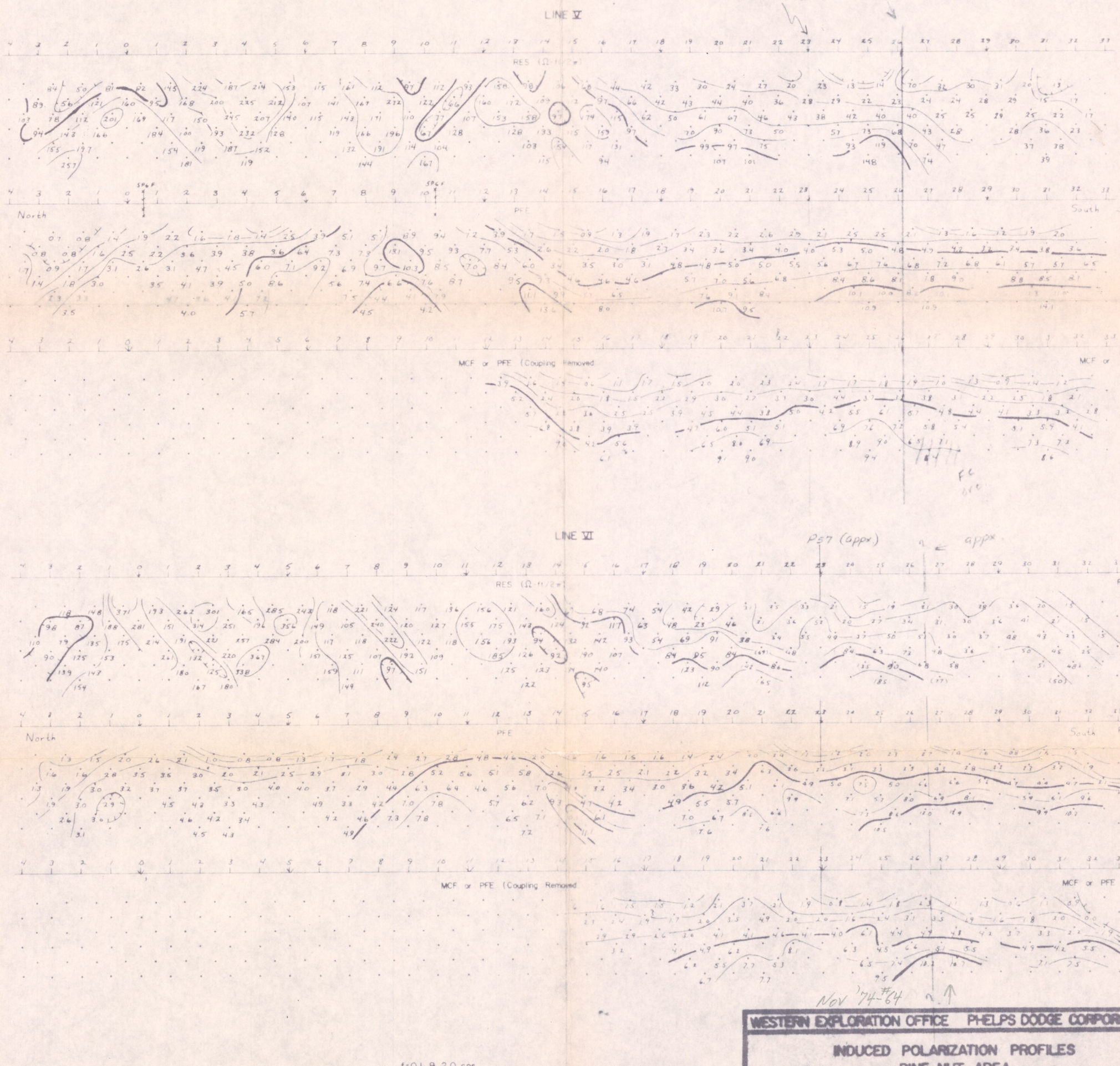
R: 021E 022E

S:

LINE IV



LINE V



LINE VI

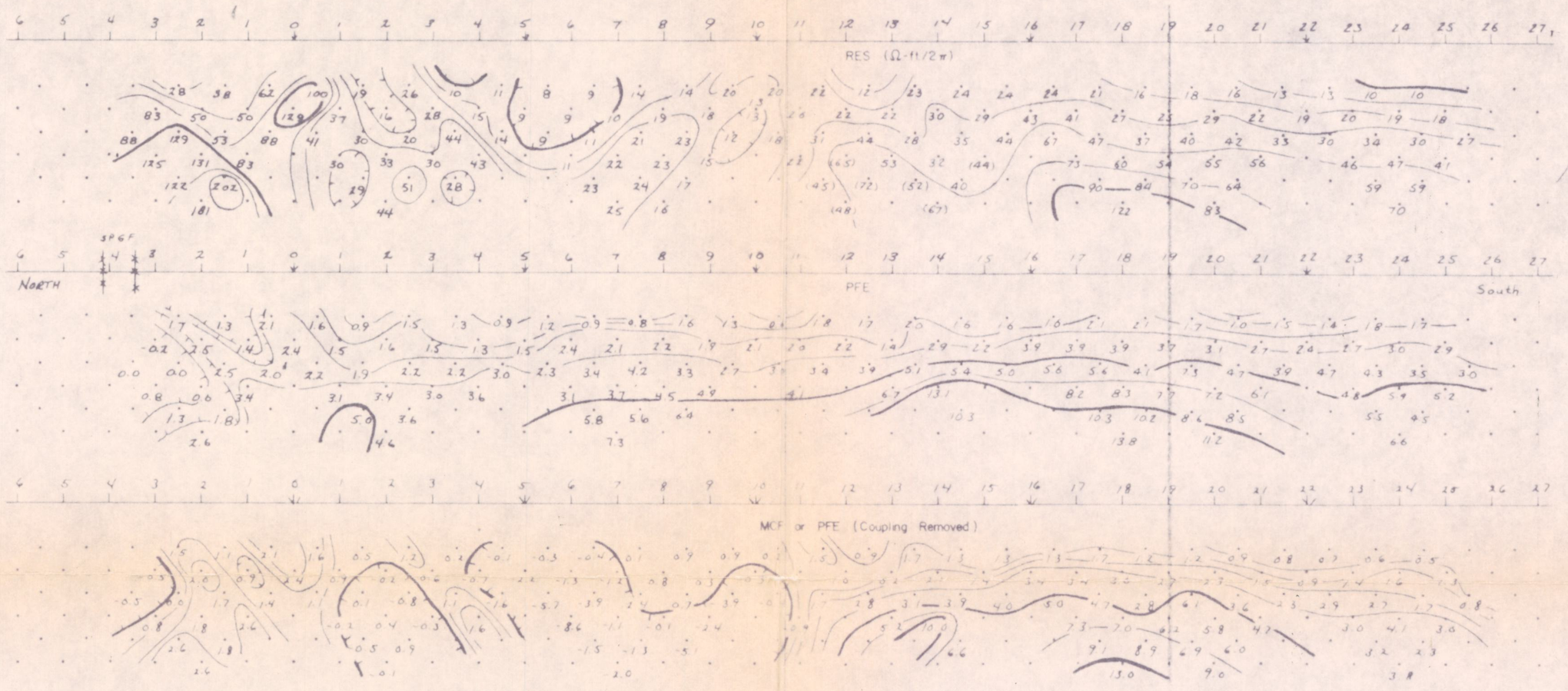
NOV '74-#64

f=0.1 & 2.0 cps

WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION

INDUCED POLARIZATION PROFILES
PINE NUT AREA
DOUGLAS AND ORMSBY COUNTIES, NEVADA

SCALE	H: 1000' Dipoles	CONTOUR INTERVAL: Log		REVISIONS
	V:	DATE:	BY: HRE	
SHEET 2 OF 4		DRAWING NO:		FILE:

LINE I

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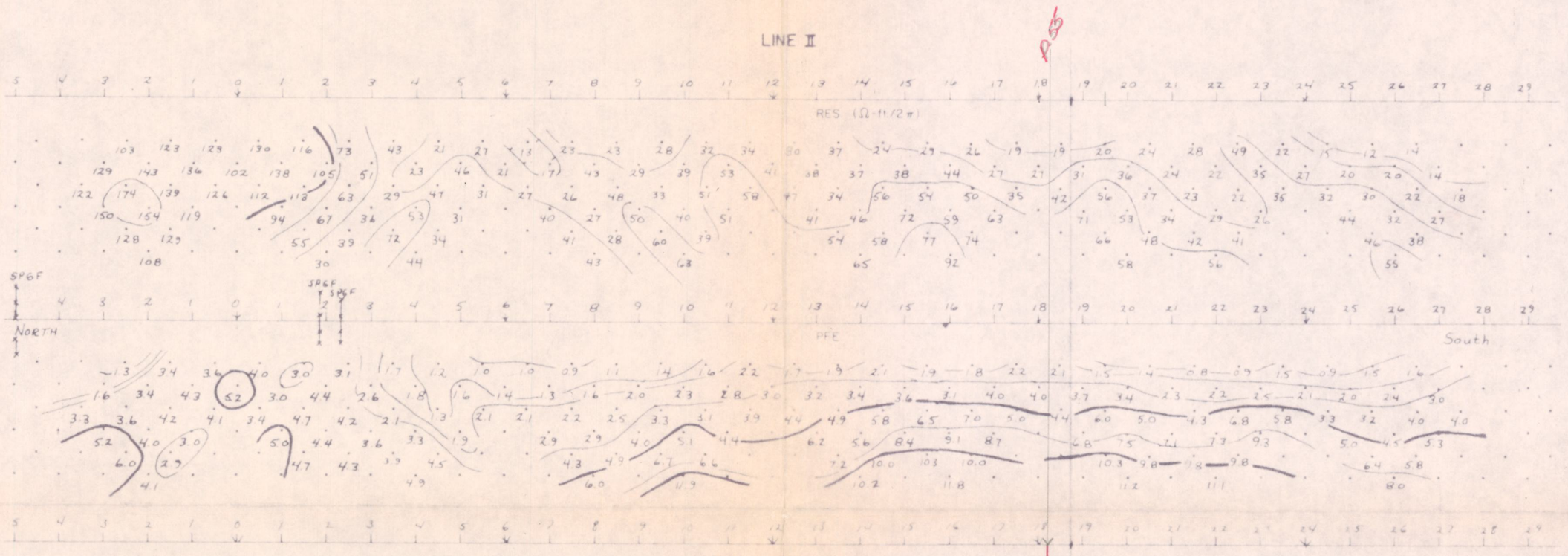
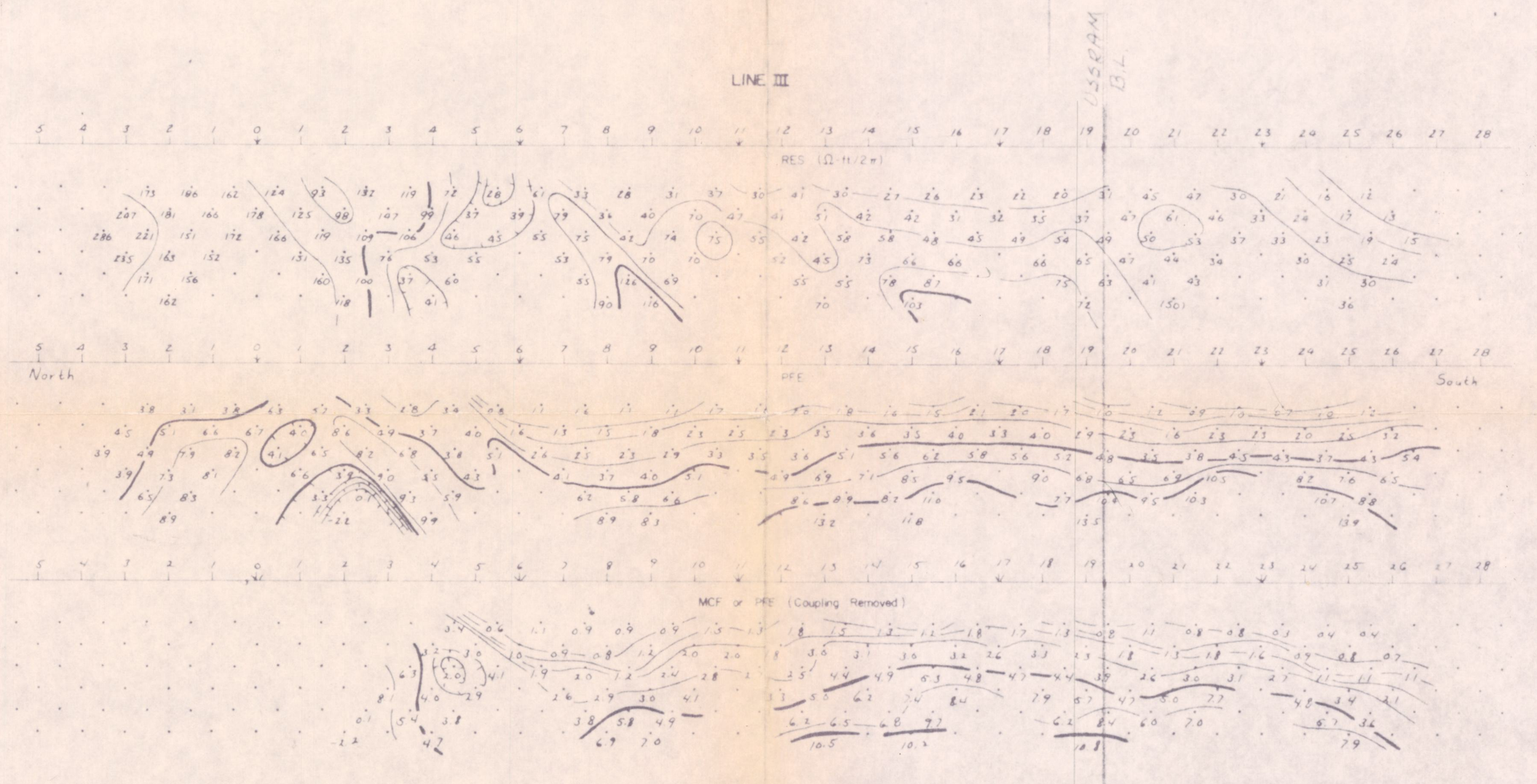


LINE III



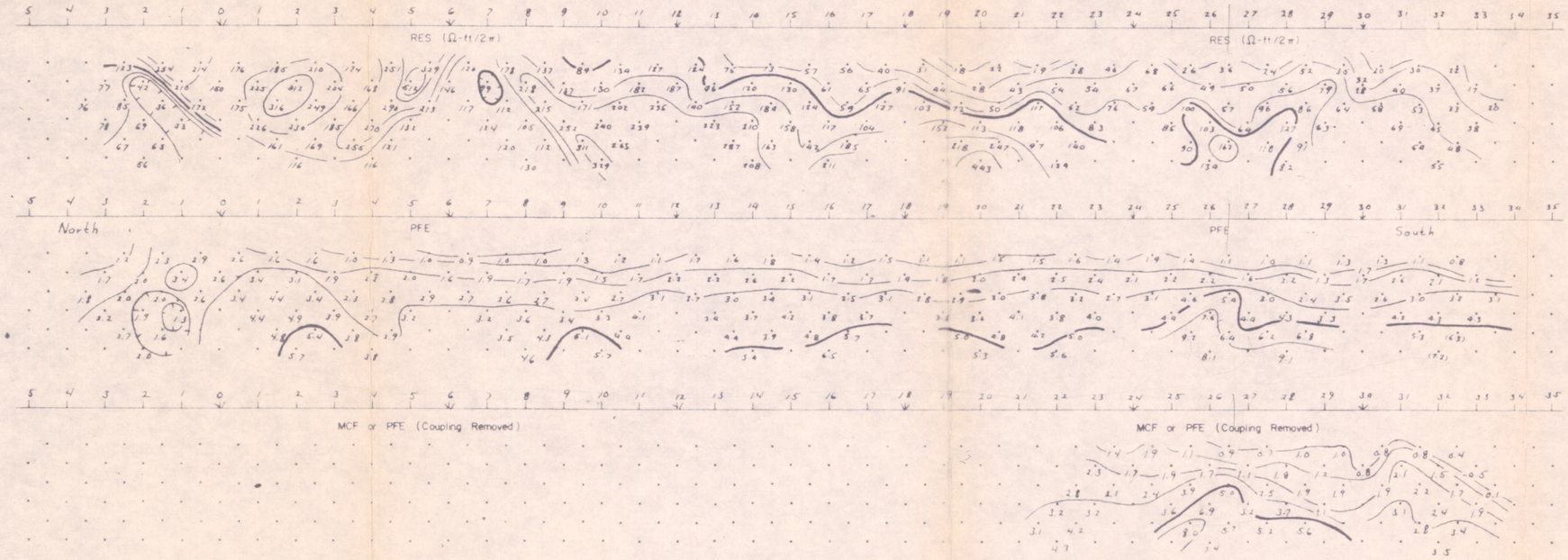
f=0.1 & 2.0 cps

WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION

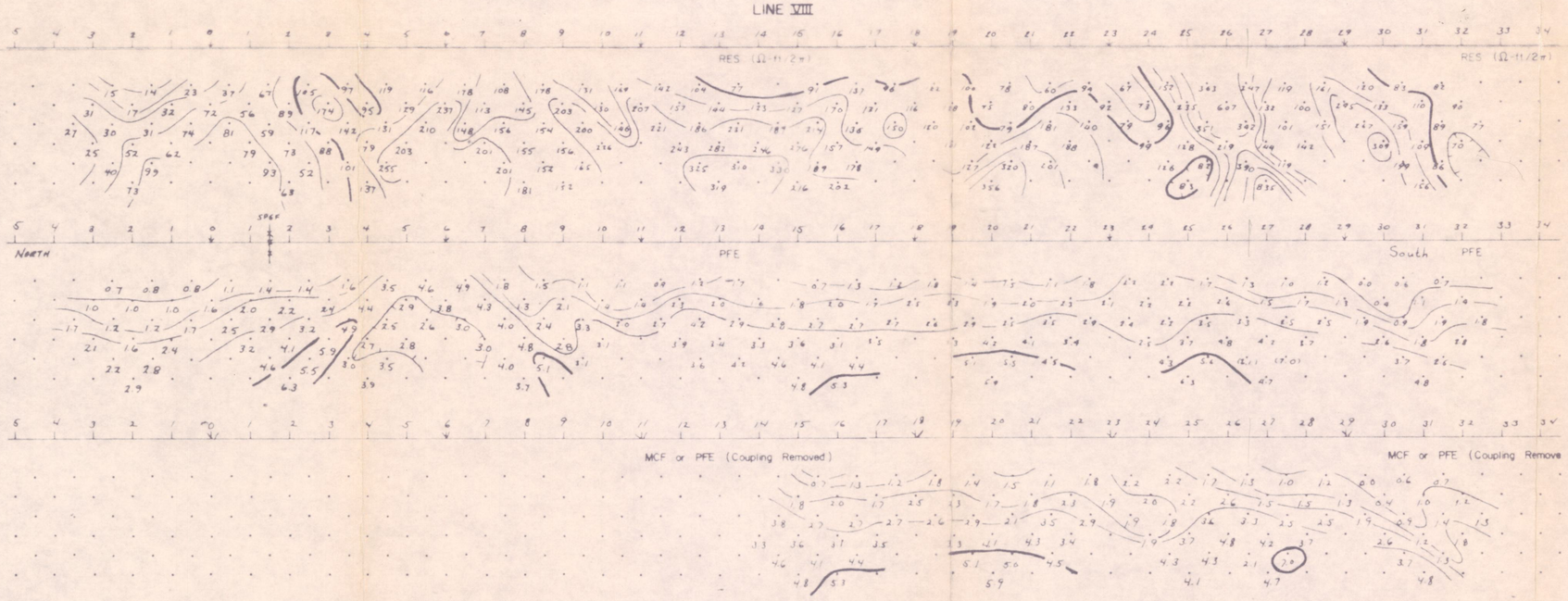
INDUCED POLARIZATION PROFILES
PINE NUT AREA
DOUGLAS AND ORMSBY COUNTIES, NEVADA

SCALE	H: 1000' Dipoles	CONTOUR INTERVAL: Log	REVISIONS
	V:	DATE: BY: HRE	
SHEET 1 OF 4		DRAWING NO:	FILE:

LINE VII



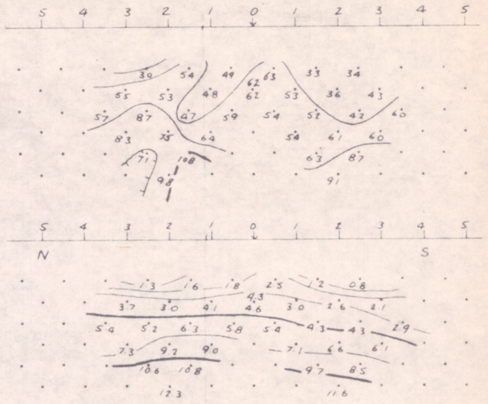
LINE VIII



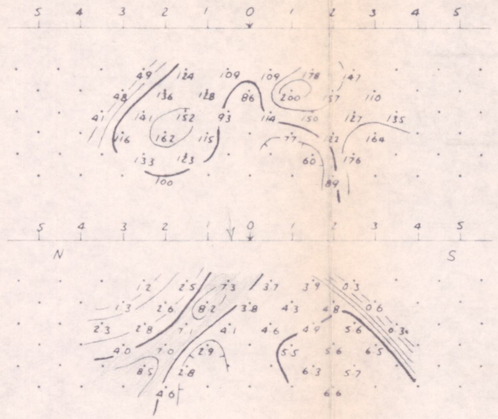
f = 0.1 & 2.0 cps

WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION			
INDUCED POLARIZATION PROFILES PINE NUT AREA DOUGLAS AND ORMSBY COUNTIES, NEVADA			
SCALE	H: 1000' Dipoles	CONTOUR INTERVAL: Log	
	V:	DATE: BY: HRE	
SHEET 3 OF 4		DRAWING NO:	FILE:

LINE 0.0



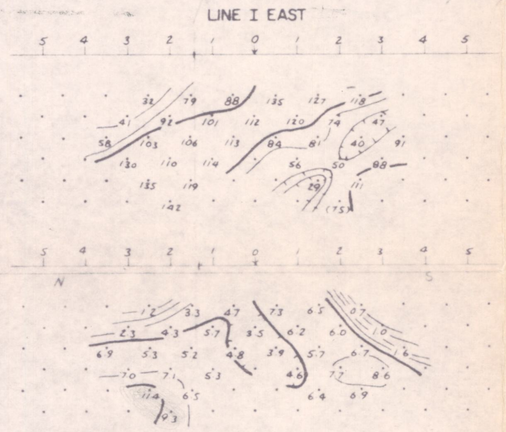
LINE II EAST



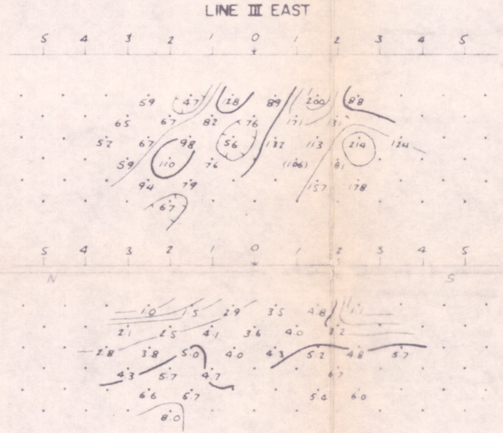
LINE A

Proposed D.H. half way between the 2 lines. Based on aeromag & geology

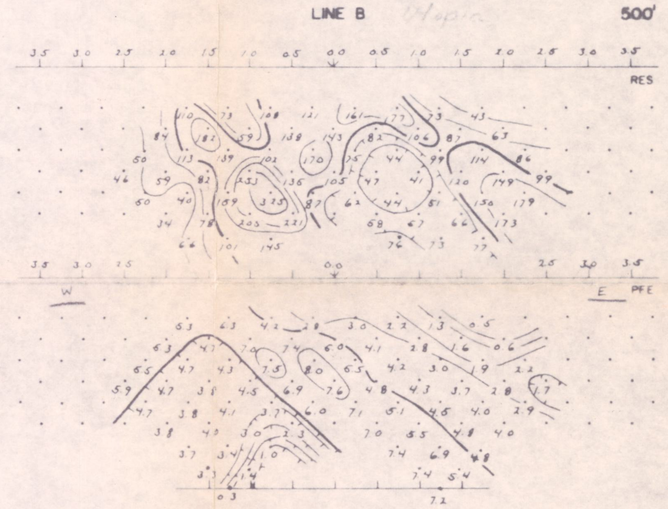
LINE I EAST



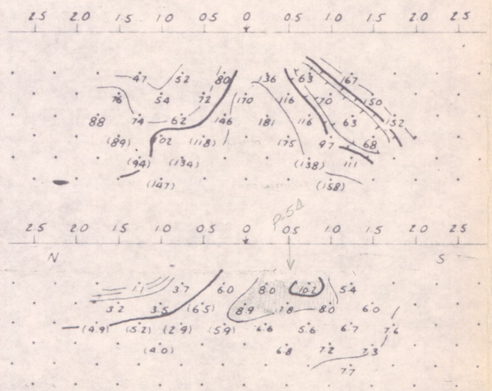
LINE III EAST



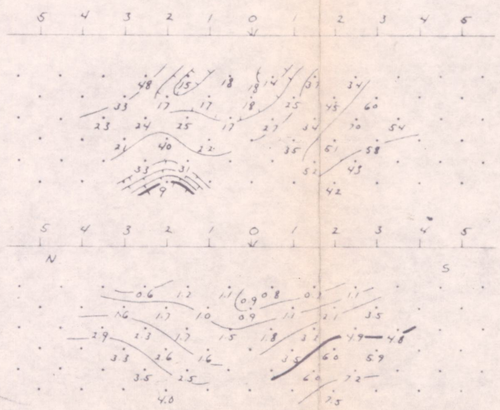
LINE B



LINE I EAST



LINE IX

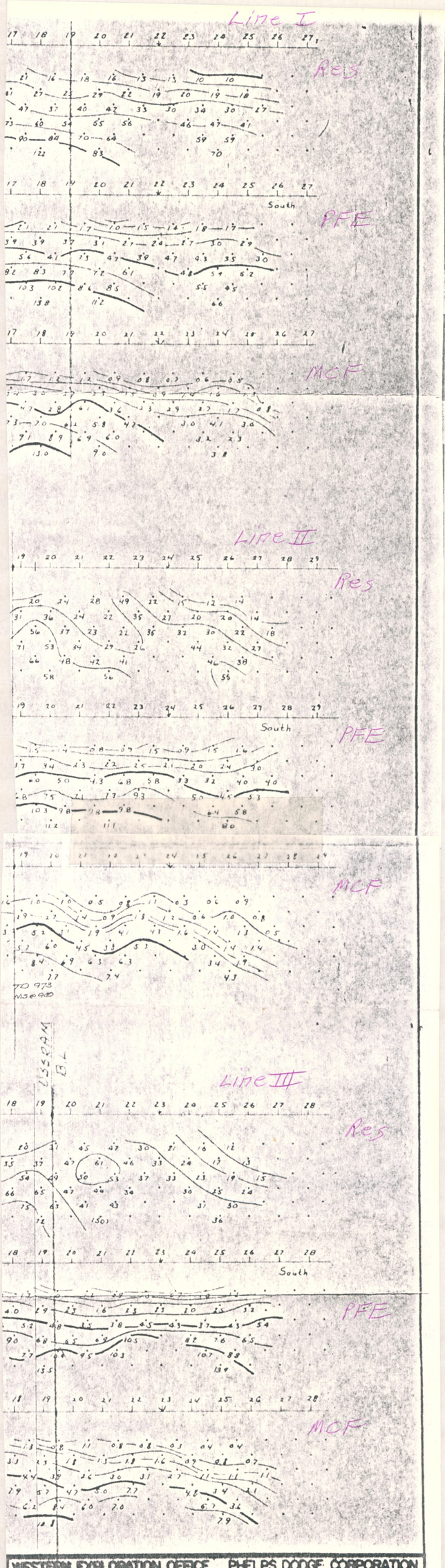


f=0.1 & 2.0 cps

WESTERN EXPLORATION OFFICE : PHELPS DODGE CORPORATION

INDUCED POLARIZATION PROFILES
PINE NUT AREA
DOUGLAS AND ORMSBY COUNTIES, NEVADA

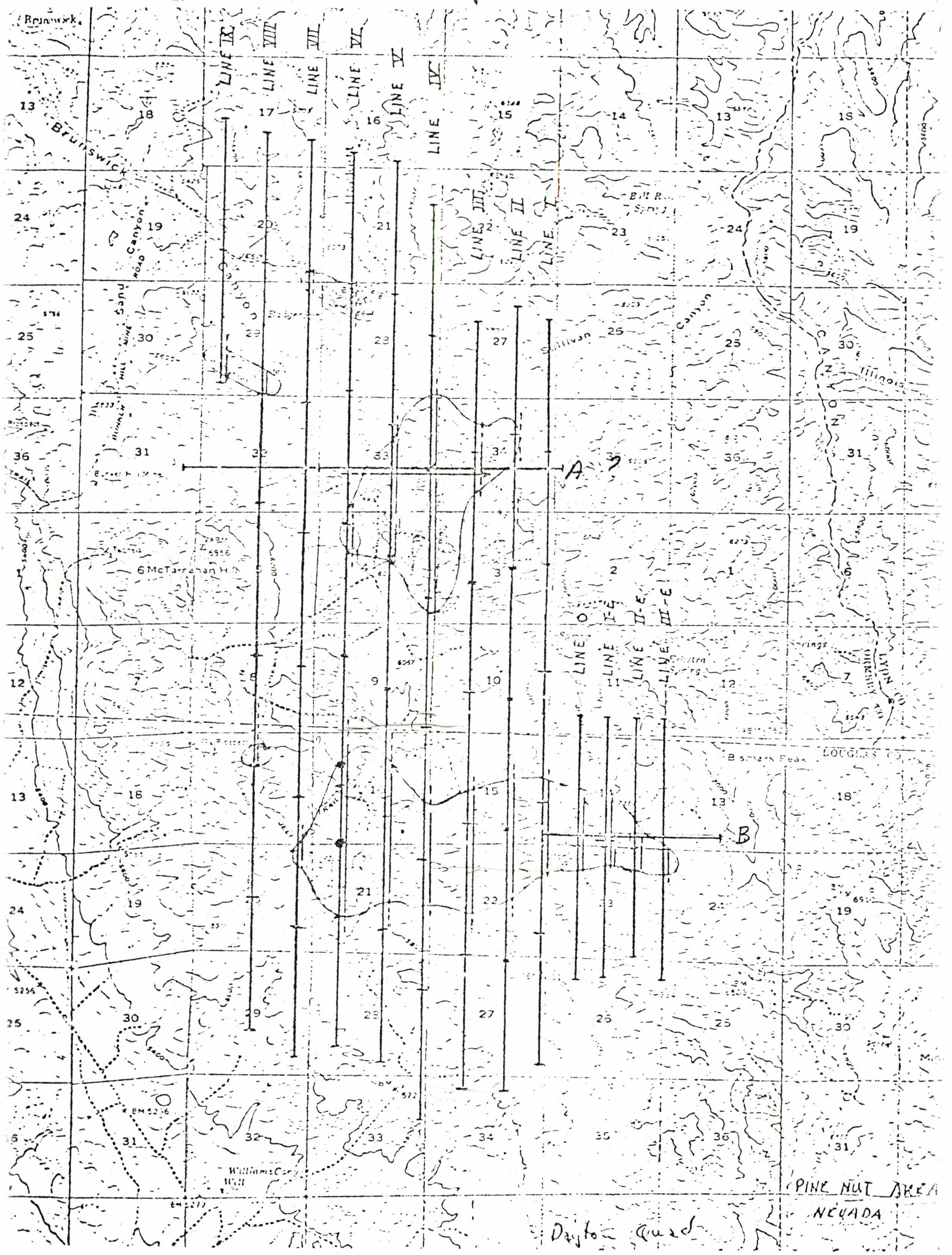
SCALE:	Fs 1000' Dipoles	CONTOUR INTERVAL: Log	
	V:	DATE:	BY: HRE
SHEET 4 OF 4		DRAWING NO:	FILE:



WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION

INDUCED POLARIZATION PROFILES
PINE NUT AREA
DOUGLAS AND ORMSBY COUNTIES, NEVADA

SCALE:	N: 1000' Dipoles	CONTOUR INTERVAL: Log	REVISIONS
	V:	DATE: BY: HRE	
SHEET 1 OF 4	DRAWING NO:	FILE:	


Brunswick
BRUNSWICK
Canyon
Sand
McTarnahan H
LINE IX
LINE VIII
LINE III
LINE IIA
LINE IV
LINE III
LINE II
LINE I
Sullivan
Canyon
Illinois
A
B
LINE I
LINE II
LINE III
LINE IV
Eastern Springs
Bismark Peak
DOUGLAS CO
LYON CO
Williams Canyon Well
PINE NUT AREA
NEVADA
Dayton Quad

P.D. IP Lines

Line I

17 18 19 20 21 22 23 24 25 26 27

South

Line II

19 20 21 22 23 24 25 26 27 28 29

Res

South

PFE

Line III

LINE IV

RES (Ω-11/2 m)

PFE

South

MCF or PFE (Coupling Removed)

Proposed EM base-line

USSPAM D.L.

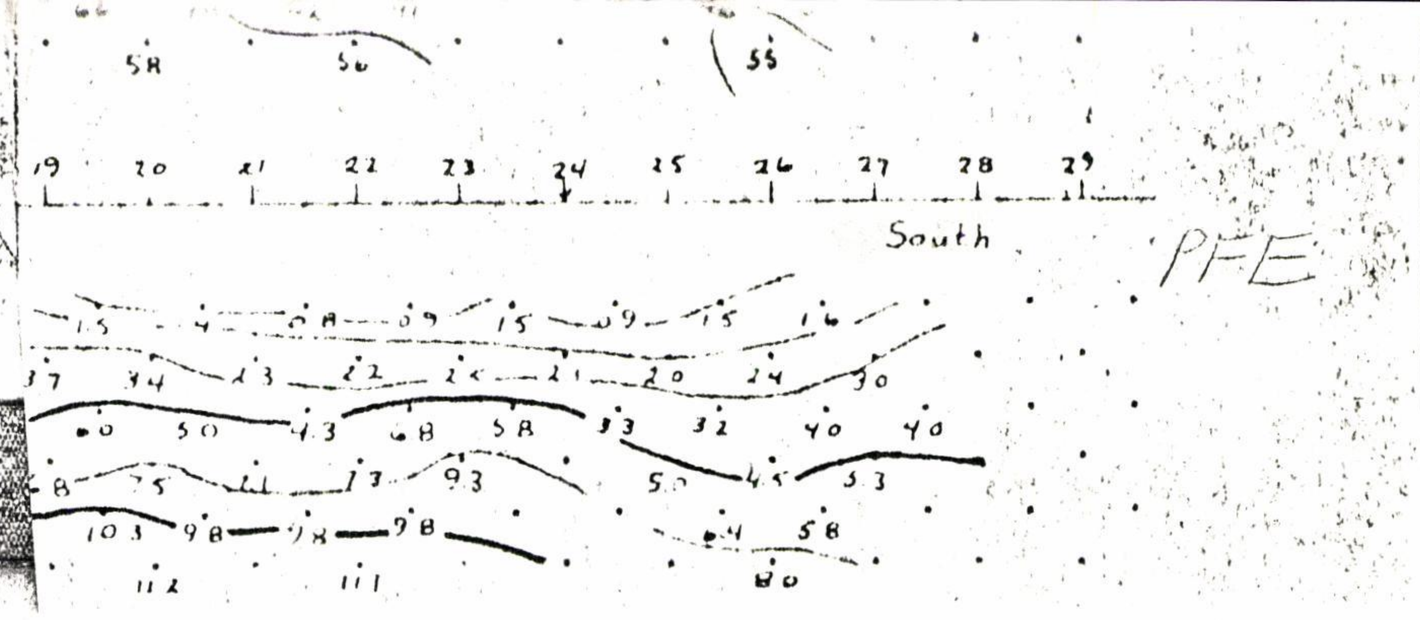
LINE V

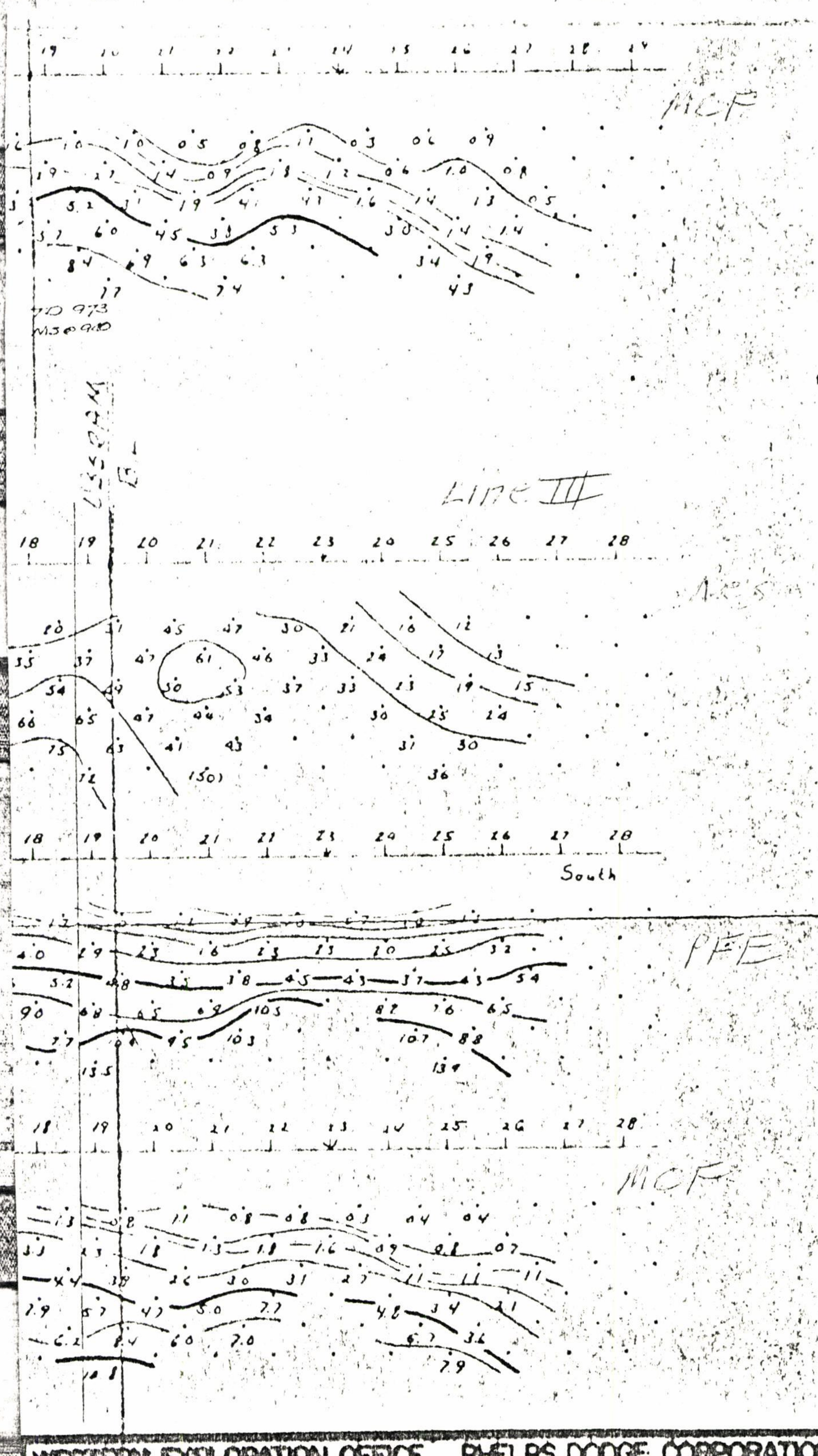
RES (Ω-11/2 m)

PFE

South

MCF or PFE (Coupling Removed)





WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION

INDUCED POLARIZATION PROFILES
PINE NUT AREA
DOUGLAS AND ORMSBY COUNTIES, NEVADA

SCALE	H: 1000' Dipoles	CONTOUR INTERVAL: Log		REVISIONS
	V:	DRAWN:	BY: HRE	
SHEET 1 OF 4		DRAWING NO.		FILE:

LINE V

RES (Ω-ft)

PFE

MCF or PFE (Coupling Removed)

LINE VI

RES (Ω-ft)

PFE

PFE (Coupling Removed)

P57 (appx)

South

MCF or

RES

South PFE

MCF or PFE (Co

Nov '74-64

WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION			
INDUCED POLARIZATION PROFILES PINE NUT AREA DOUGLAS AND ORMSBY COUNTIES, NEVADA			
SCALE	1"=1000' Dipole	CONTOUR INTERVAL: Log	APPROVED
	V₁'	DATE: BY: HRE	
SHEET 2 OF 4		DRAWING NO:	FILE:

DUP

P.D. IP Lines

WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION

INDUCED POLARIZATION PROFILES
PINE NUT AREA
DOUGLAS AND ORMSBY COUNTIES, NEVADA

SCALE	H: 1000' Dipoles	CONTOUR INTERVAL: Log	
	V:	DATE: BY: HRE	
SHEET 2 OF 4		DRAWING NO:	FILE:

LINE IV

RES (Ω-ft/2πl)

PFE

MCF or PFE (Coupling Removed)

Proposed DH based on Ecology

USSPAM B.L.

LINE V

RES (Ω-ft/2πl)

PFE

MCF or PFE (Coupling Removed)

L-V

RES (Ω-ft/ft)

PFE

MCF or PFE (Coupling Removed

LINE VI

P57 (appx)

RES (Ω-ft/ft)

PFE

PFE (Coupling Removed

South

MCF or

MCF or PFE (C

Nov '74-#64

WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION

INDUCED POLARIZATION PROFILES
PINE NUT AREA
DOUGLAS AND ORMSBY COUNTIES, NEVADA

SCALE	Ht. 1000' Dipoles	CONTOUR INTERVAL: Log		
	V.	DATE:	BY: HRE	
SHEET 2 OF 4		DRAWING NO.		FILE:

LINE IV

RES (Ω-11/2 m)

PFE

MCF or PFE (Coupling Removed)

Proposed DH Geology

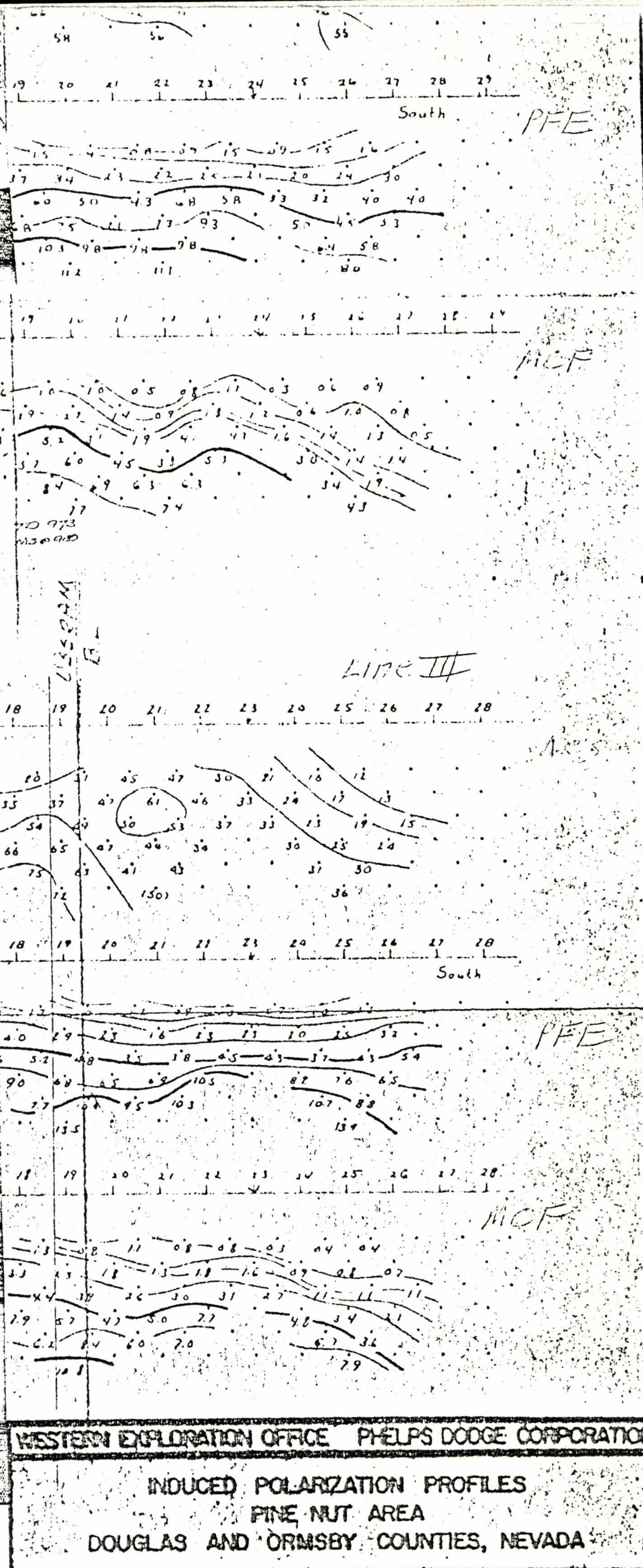
USSR DL

LINE V

RES (Ω-11/2 m)

PFE

MCF or PFE (Coupling Removed)



WESTERN EXPLORATION OFFICE PHELPS DODGE CORPORATION

INDUCED POLARIZATION PROFILES
FINE NUT AREA
DOUGLAS AND ORMSBY COUNTIES, NEVADA

SCALE	M: 1000' Dipoles	CONTOUR INTERVAL: Log	REVISIONS
	V:	DRWG. BY: HRE	
SHEET 1 OF 4		DRAWING NO.	FILE:

Line I

17 18 19 20 21 22 23 24 25 26 27

South

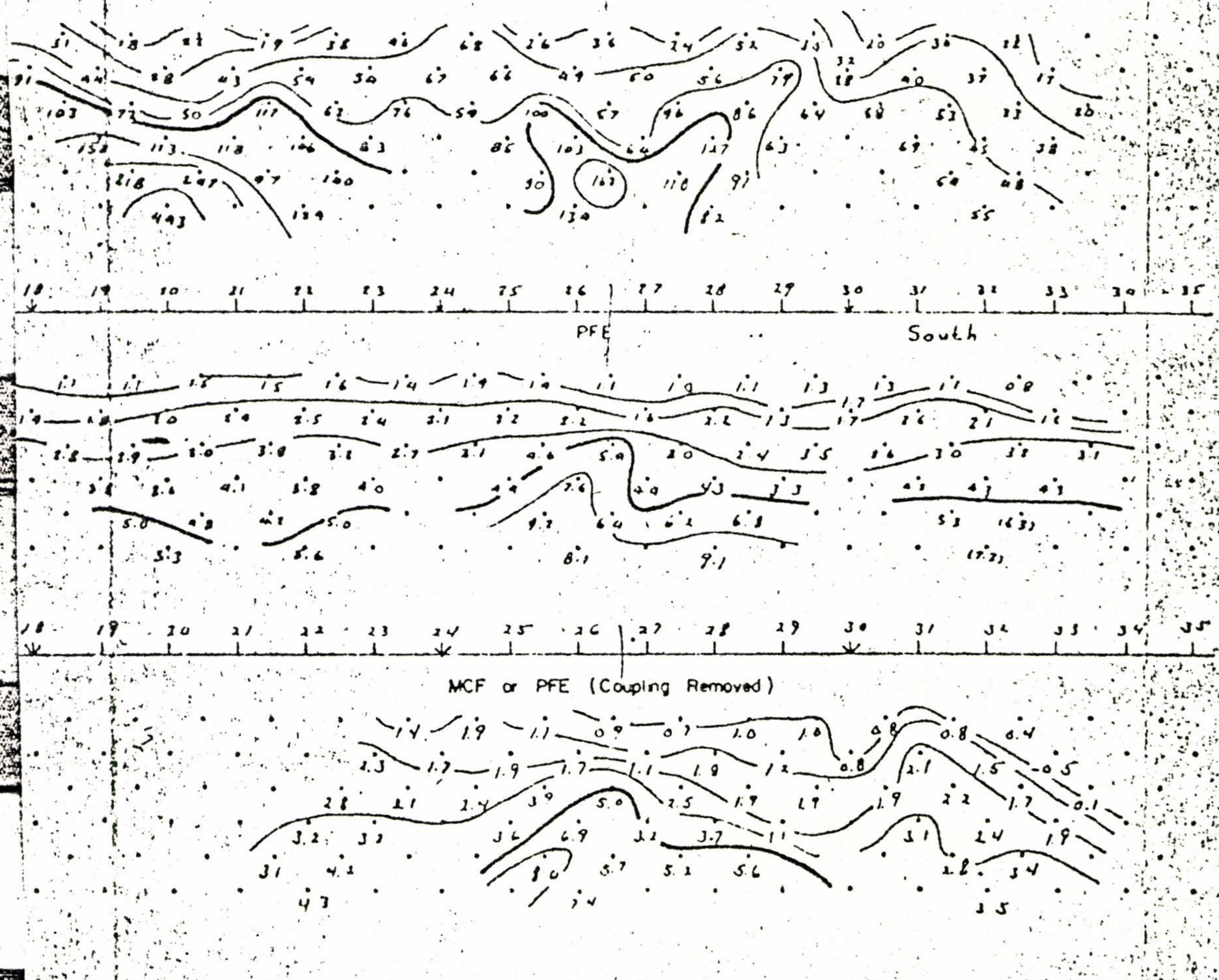
Line II

19 20 21 22 23 24 25 26 27 28 29

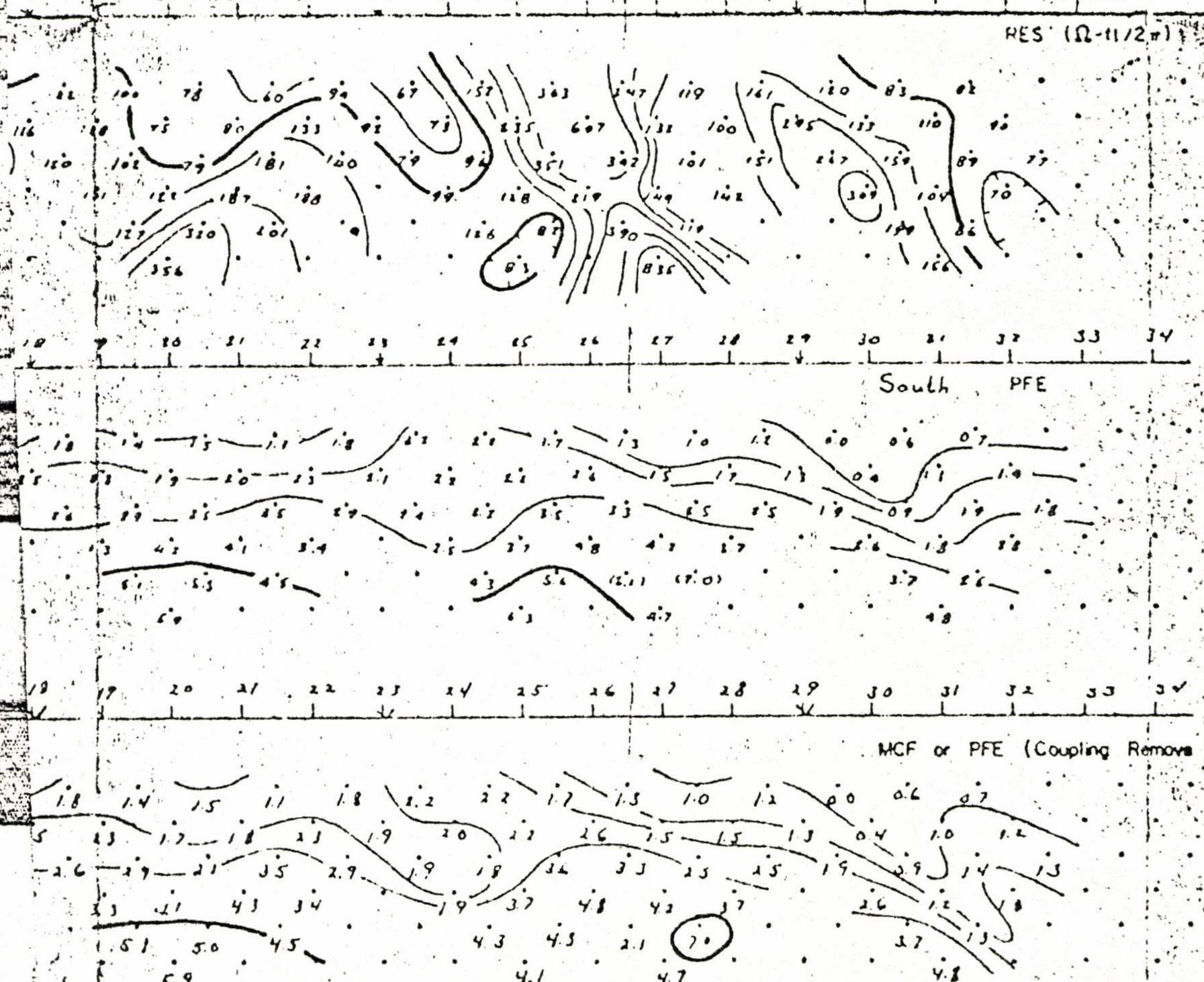
South

Line III

Line VII



Line VIII

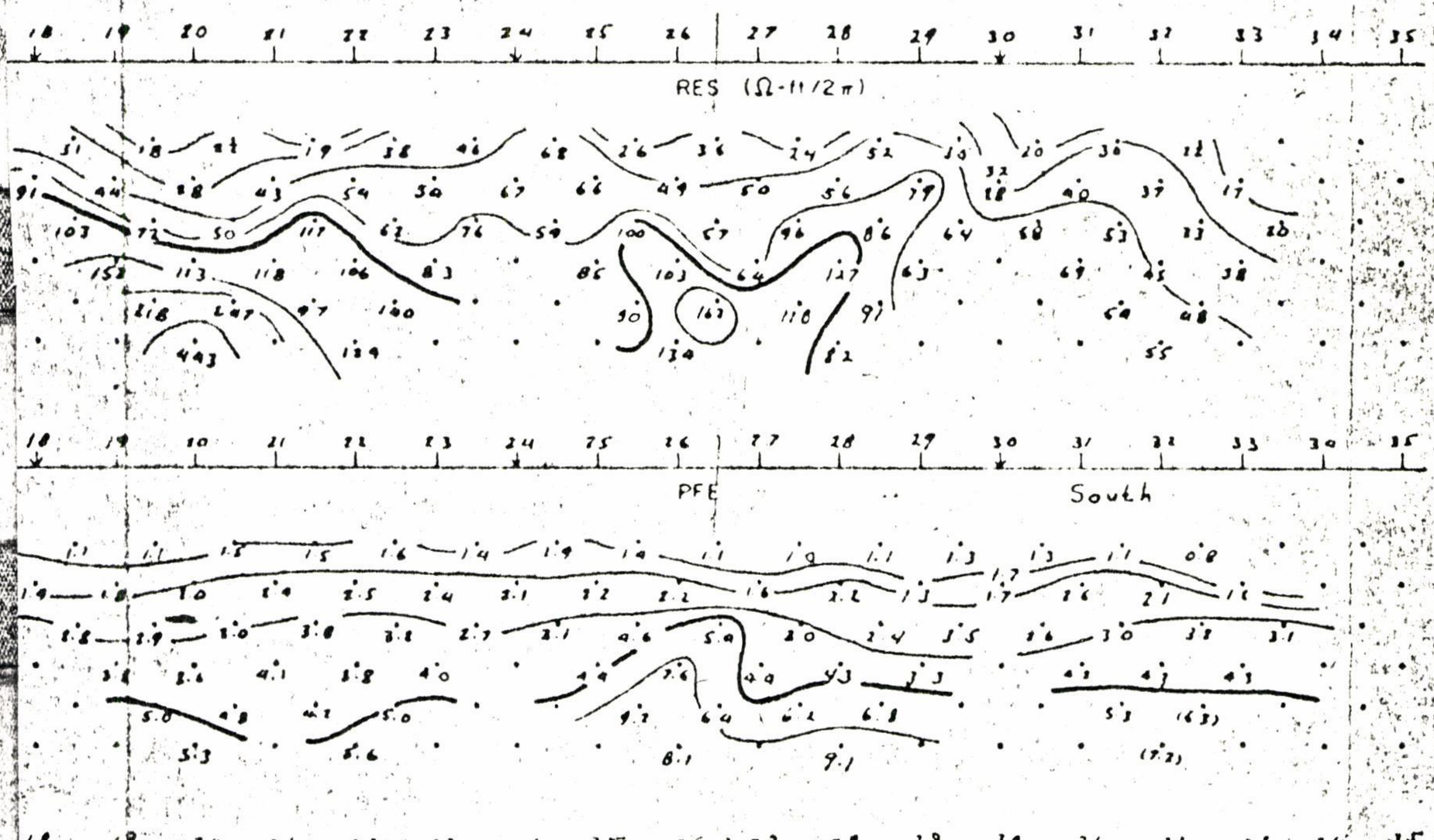


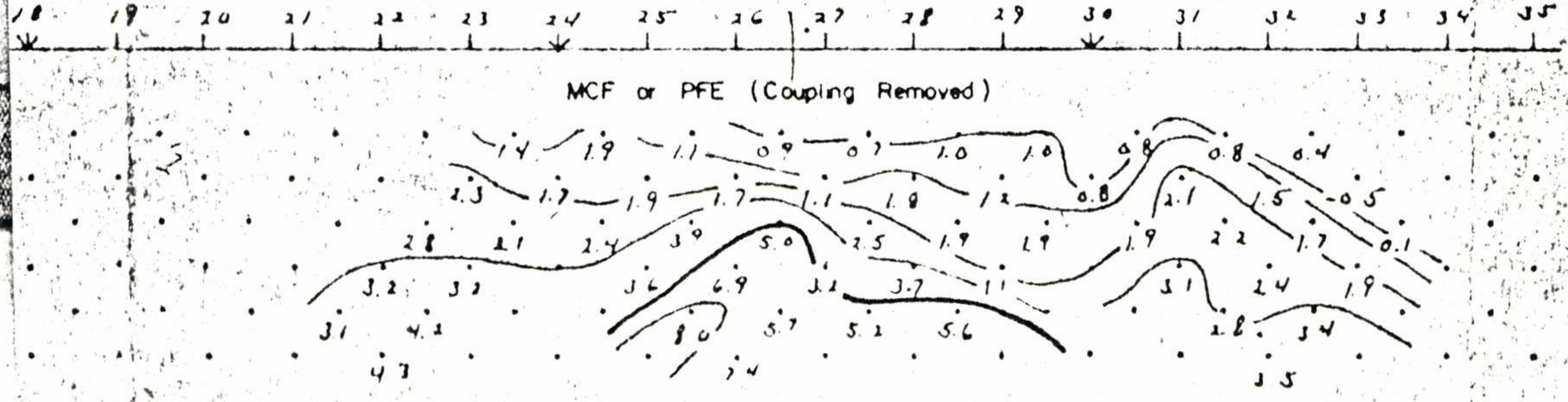
WESTERN EXP

DOUGL

SCALE Hz 1000' Dep

Line VII





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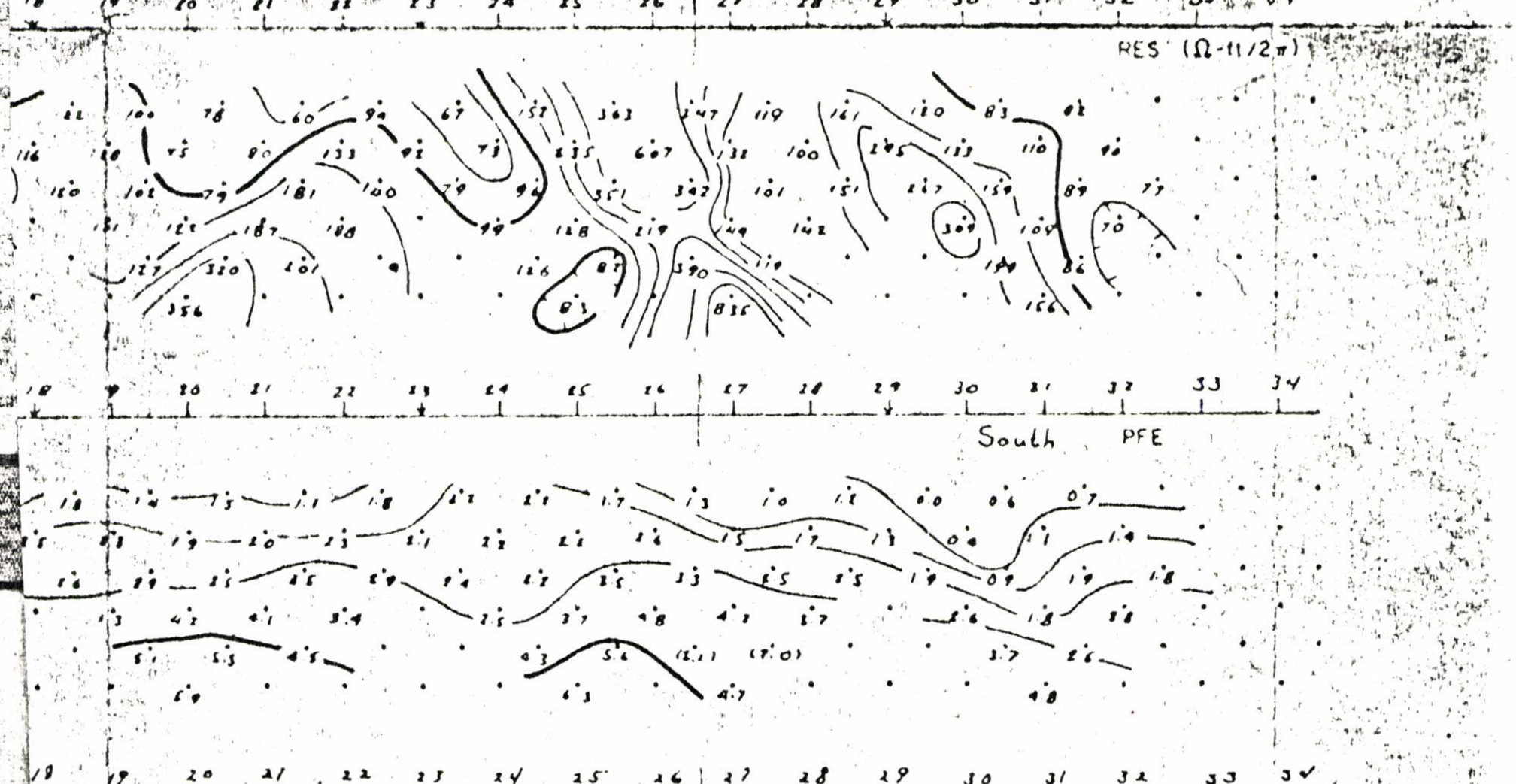

WESTERN EXPL
DOUGL
SCALE H: 1000' Dep
V: