

# GEOLOGICAL MAP OF T...

## LEGEND

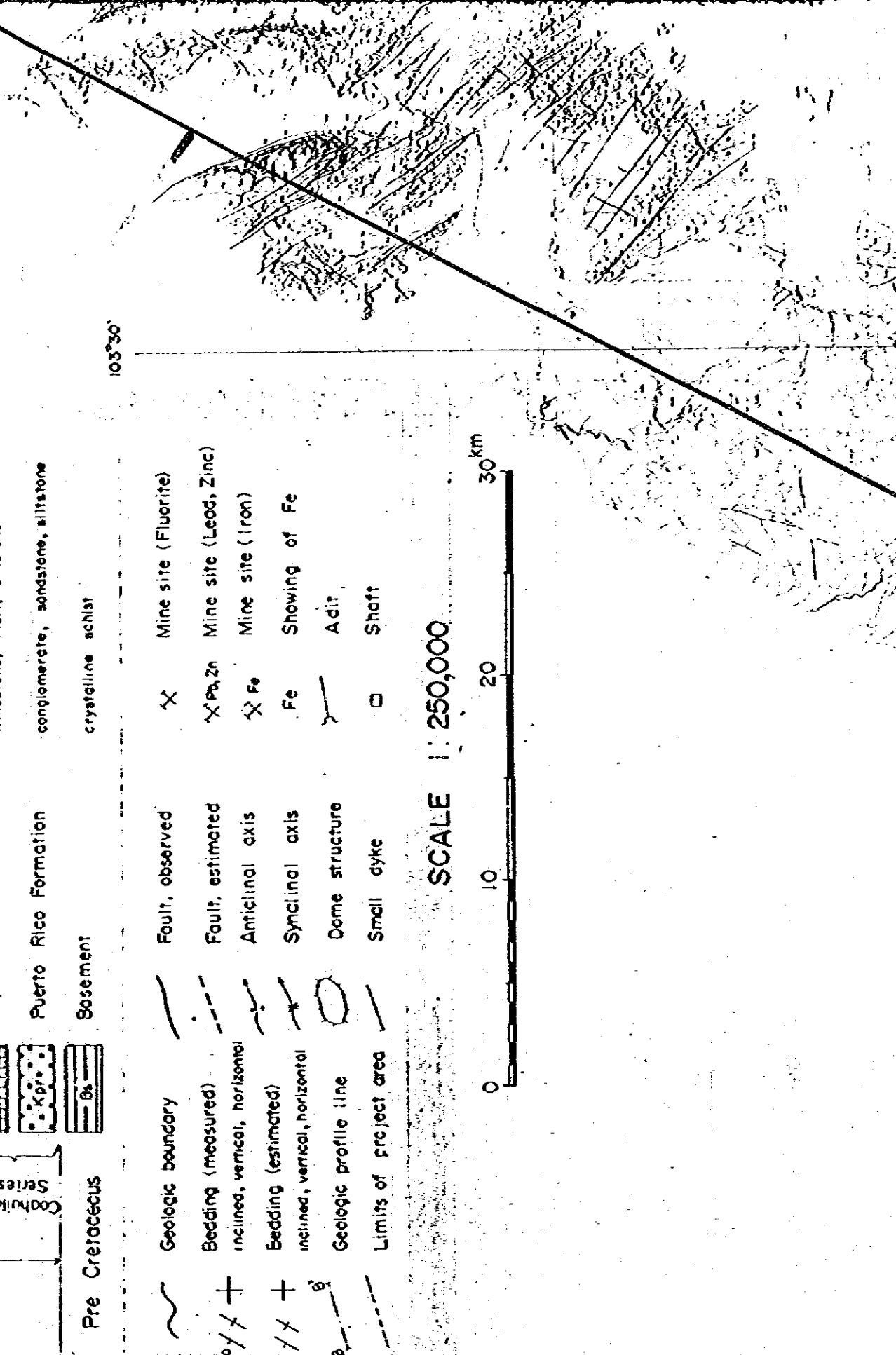
Intrusive Rocks		Extrusive Rocks	
Syenite	Porphyry	Loam	Pyroclastics
Monzonite	Porphyrite	Rhyolite	Rhyolitic
Adamellite	Colorite	Dacite	Andesitic
Diorite	Rhyolite	Andesite	Basaltic
Gabbro	Andesite	Basalt	
	Basalt		

Sedimentary Rocks	
Quaternary	Alluvium
Tertiary	Aguja Formation
	Pen Formation
	San Vicente Formation
	Bequillos Formation
	Buda Formation
	Del Rio Formation
	Santa Elena Formation
	Sue Pecks Formation
	Del Carmen Formation
	Telephone Canyon Formation
	Glen Rose Formation
	Aurora Formation
	La Peña Formation
	Cupido Formation
	Puerto Rico Formation
	Basement

Mesozoic		RECOMMENDED AREAS	
Upper Cretaceous System	Ag. Pb, Zn Mine and Sh...	Recommended Area	
Lower Cretaceous System	Fe, Mn Mine and Sh...	Recommended Area	
Coahuila Series	Fluorite Mine and S...	Dome Structure	
		Survey District (Pho...	
		Semi-detailed Survey	
		Recommended Area	

Geologic Symbols	
Geologic boundary	Fault, observed
Bedding (measured)	Fault, estimated
inclined, vertical, horizontal	Anticlinal axis
Bedding (estimated)	Synclinal axis
inclined, vertical, horizontal	Dome structure
Geologic profile line	Small dyke
Limits of project area	Mine site (Fluorite)
	Mine site (Lead, Zinc)
	Mine site (Iron)
	Showing of Fe
	Adit
	Shaft

SCALE 1:250,000



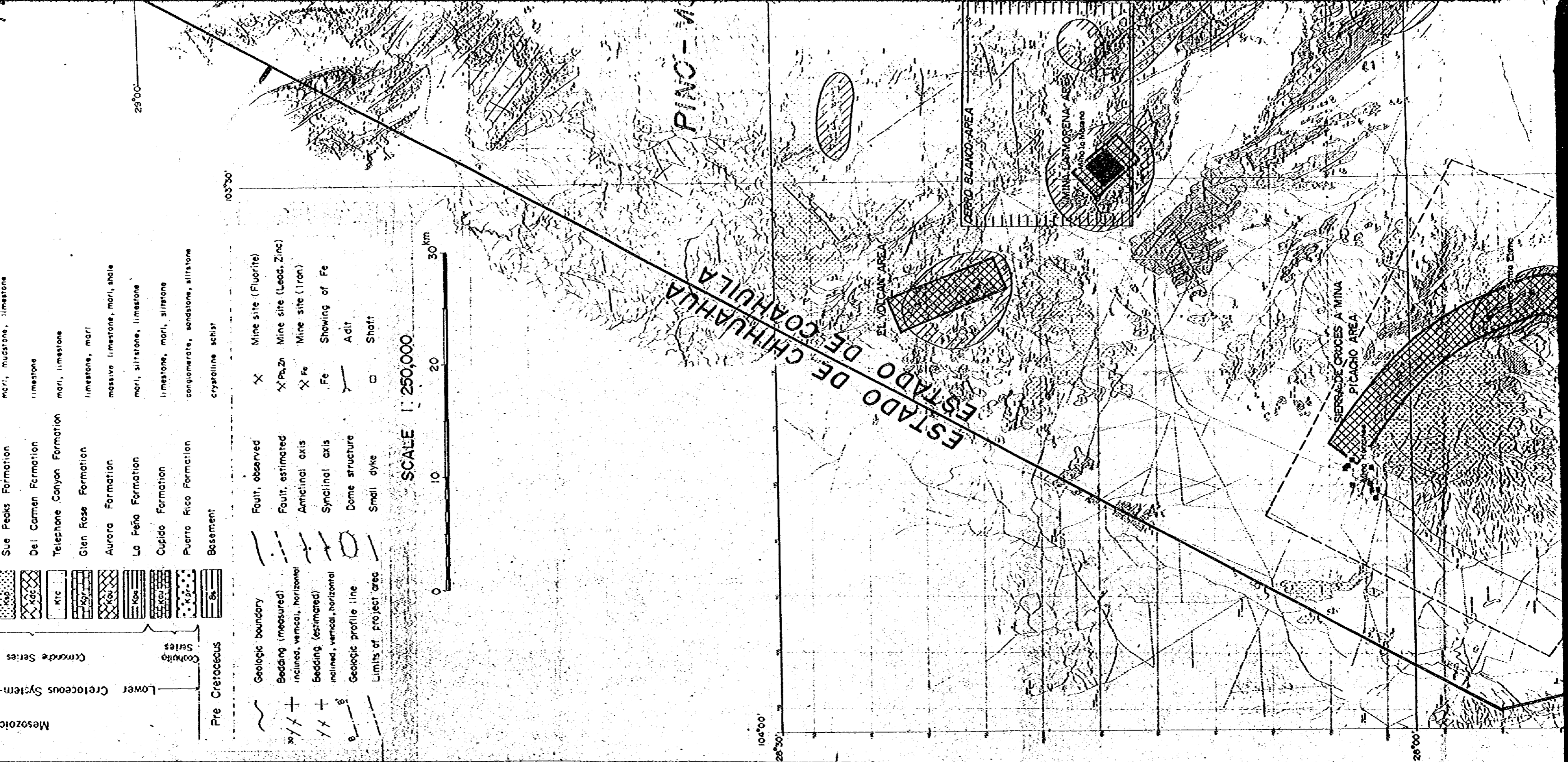
Mesozoic  
Lower Cretaceous System  
Comande Series  
Coahuila Series  
Pre Cretaceous

- Sue Pecks Formation  
Ksp
- Del Carmen Formation  
Kdc
- Telephone Canyon Formation  
Ktc
- Glen Rose Formation  
Kgr
- Aurora Formation  
Kau
- La Peña Formation  
Kpe
- Cupido Formation  
Kcu
- Puerto Rico Formation  
Kpr
- Basement  
Bk

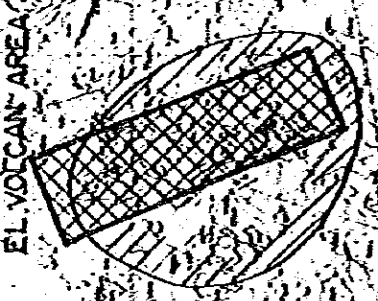
marl, mudstone, limestone  
limestone  
marl, limestone  
limestone, marl  
massive limestone, marl, shale  
marl, siltstone, limestone  
limestone, marl, siltstone  
conglomerate, sandstone, siltstone  
crystalline schist

- Geologic boundary
- Bedding (measured)  
inclined, vertical, horizontal
- Bedding (estimated)  
inclined, vertical, horizontal
- Geologic profile line
- Limits of project area
- Fault, observed
- Fault, estimated
- Amiclinical axis
- Synclinal axis
- Dome structure
- Small dyke
- Mine site (Fluorite)
- Mine site (Lead, Zinc)
- Mine site (Iron)
- Fe
- Showing of Fe
- Adit
- Shaft

SCALE 1:250,000



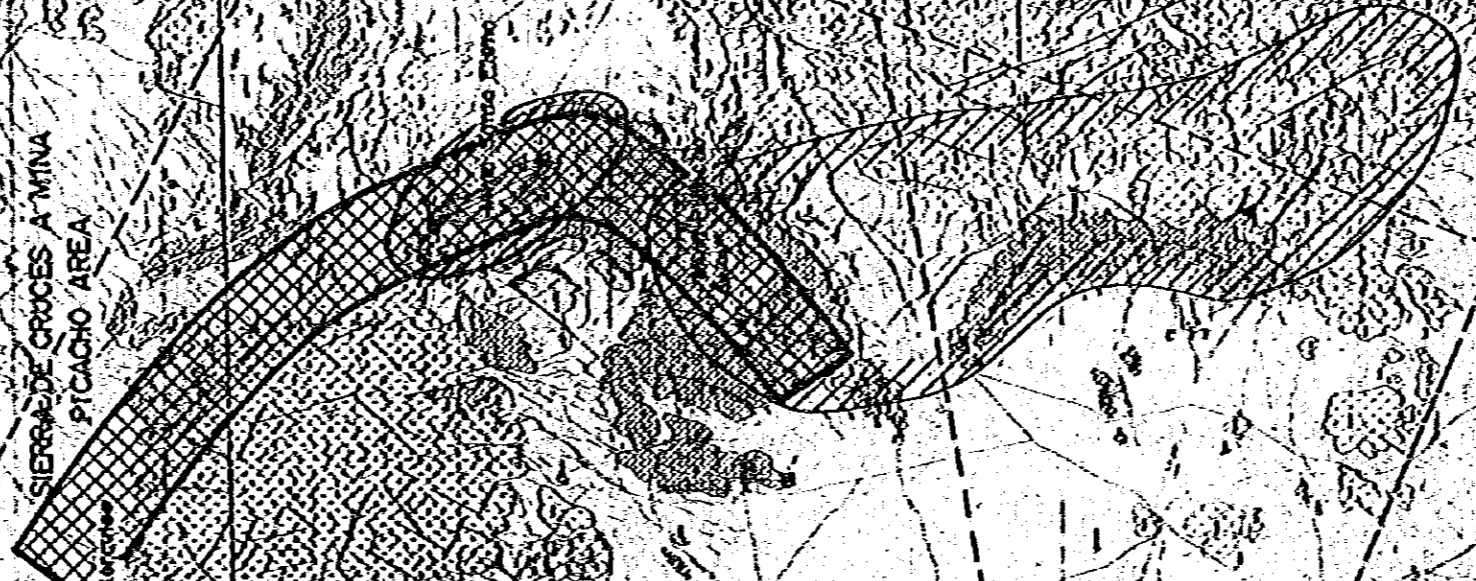
ESTADO



CERRO BLANCO AREA



SIERRA DE CRUCES A MINA  
PICACHO AREA



PINO-MONCEJOVA ZONE

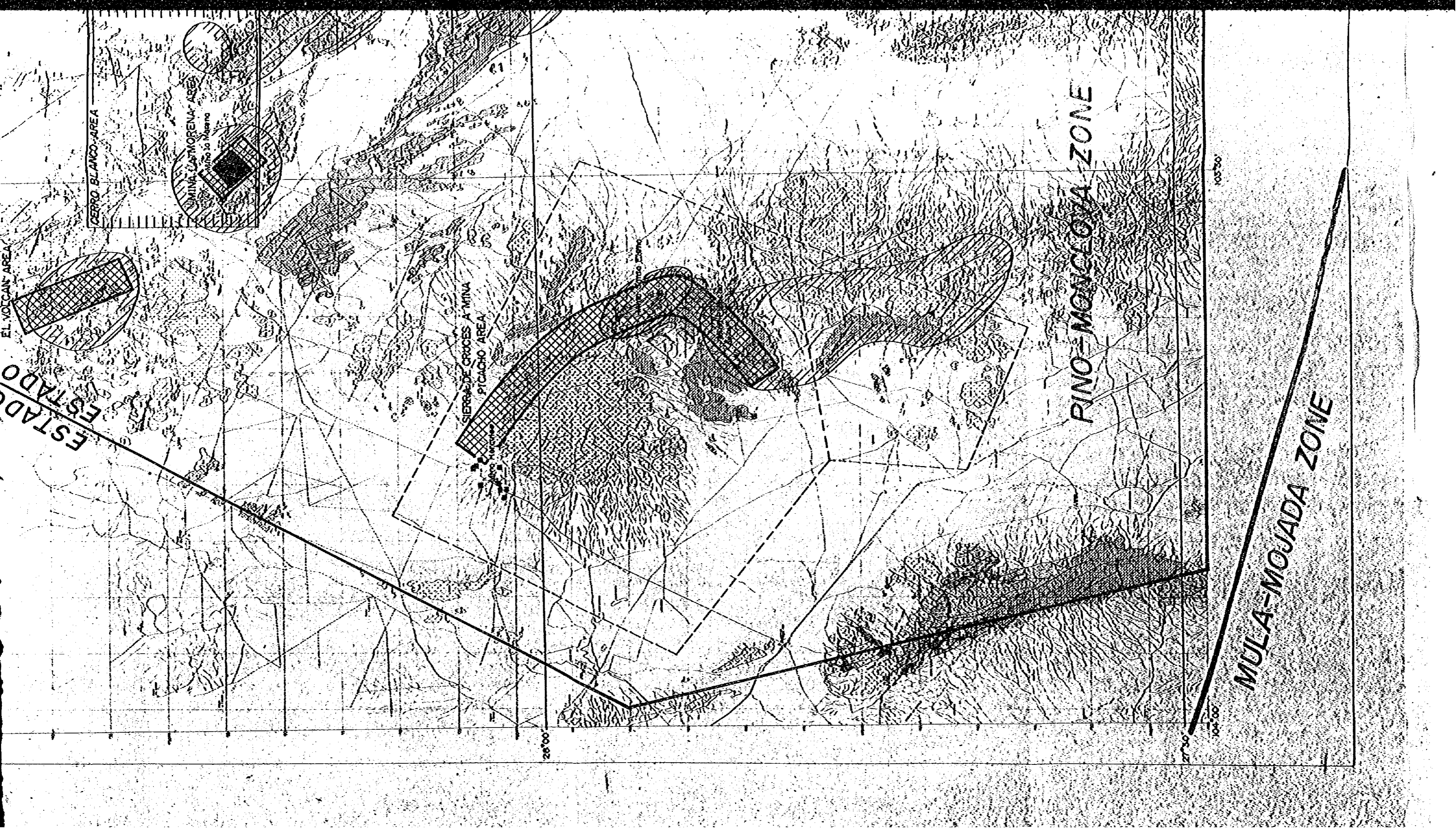
MULA-MOJADA ZONE

28°00'

27°30'

104°00'

103°30'



# OF THE NORTHERN COAHUILA, MEXICO

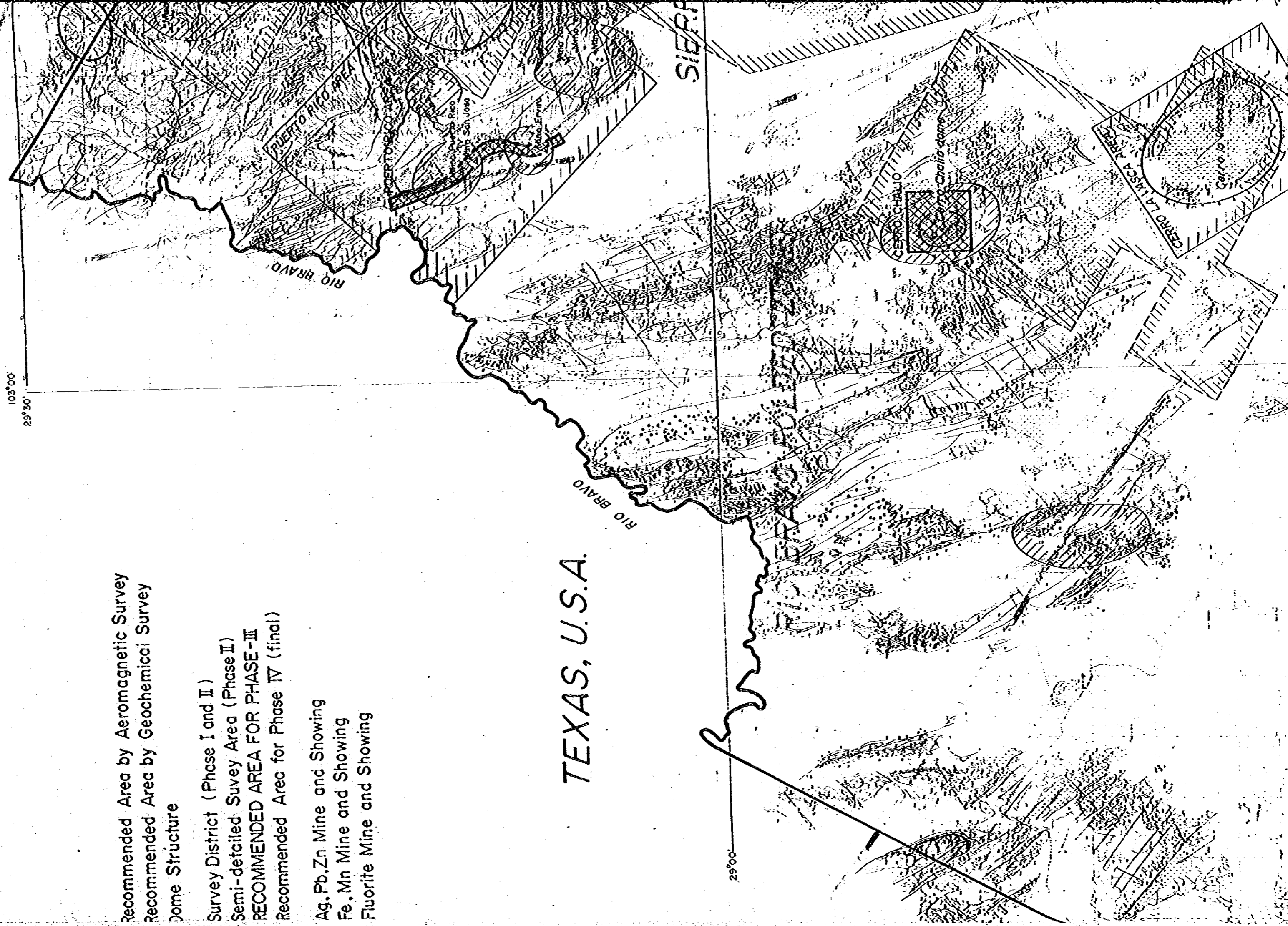
MEXICO

Recommended Area by Aeromagnetic Survey  
Recommended Area by Geochemical Survey  
Dome Structure

Survey District (Phase I and II)  
Semi-detailed Survey Area (Phase II)  
**RECOMMENDED AREA FOR PHASE-III**  
Recommended Area for Phase IV (final)

Ag. Pb. Zn Mine and Showing  
Fe. Mn Mine and Showing  
Fluorite Mine and Showing

TEXAS, U.S.A.



TEXAS, U.S.A.

RIO BRAVO

SIERRA

29°00'

PINO-MONCLOVA ZONE

SIERRA SANTA FE DEL PINO AREA

CERRO DE MINERVA AREA

CERRO DE MINERVA AREA

Cerro de Minerva dome

CERRO CHALIO

Chalio dome

CERRO LA MASCA AREA

Cerro La Masca dome

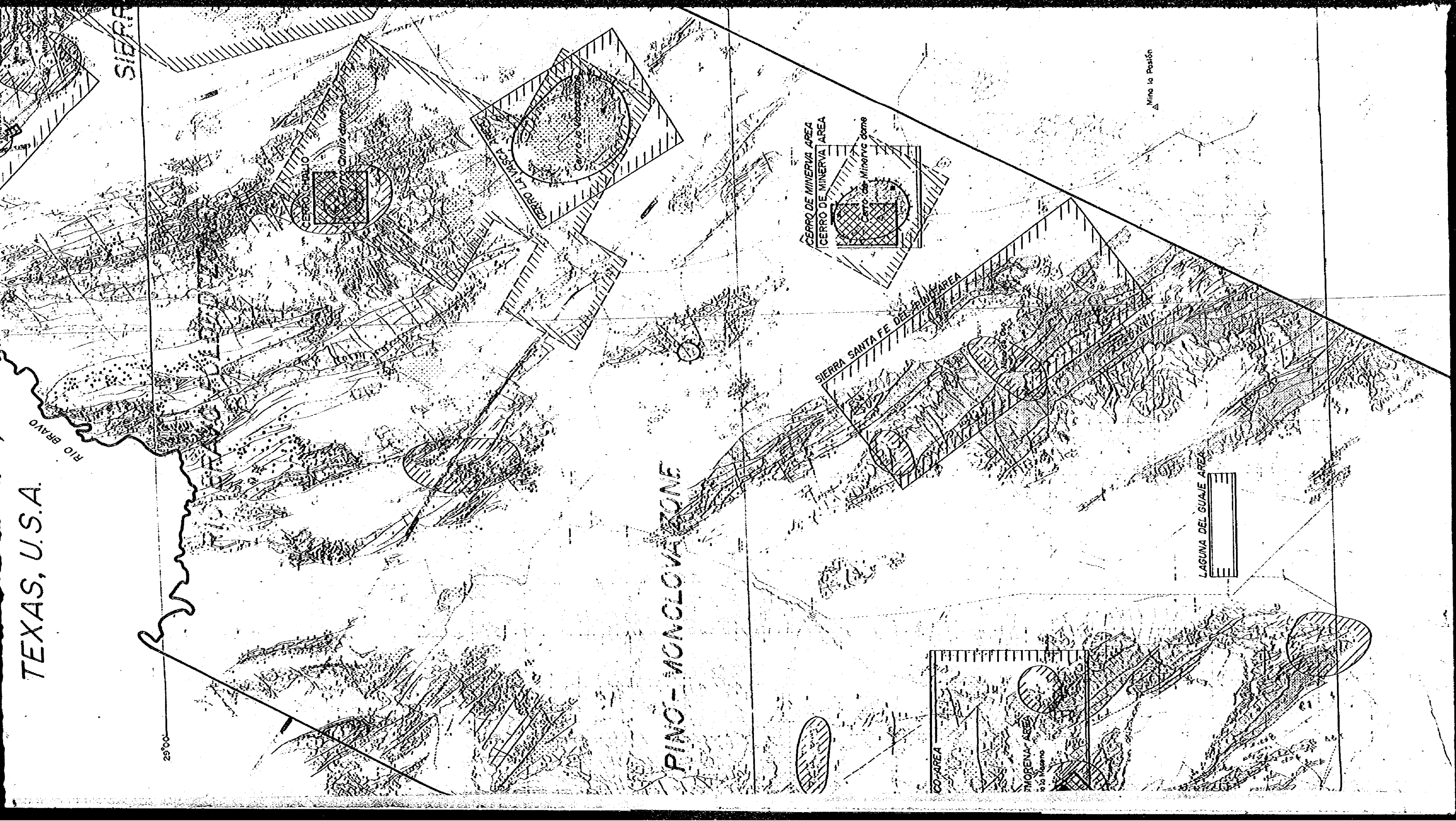
CO-AREA

MORENA AREA

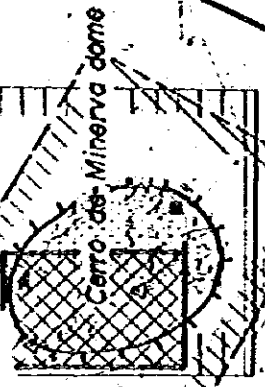
La Morena

LAGUNA DEL GUAJE AREA

Mino la Posión



CERRO DE MINERVA AREA

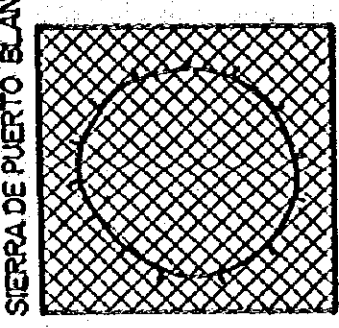


Mino la Pasión

SIERRA SANTA FE DEL GUAJE AREA

LAGUNA DEL GUAJE AREA

SIERRA DE PUERTO BLANCO AREA



MORENA AREA

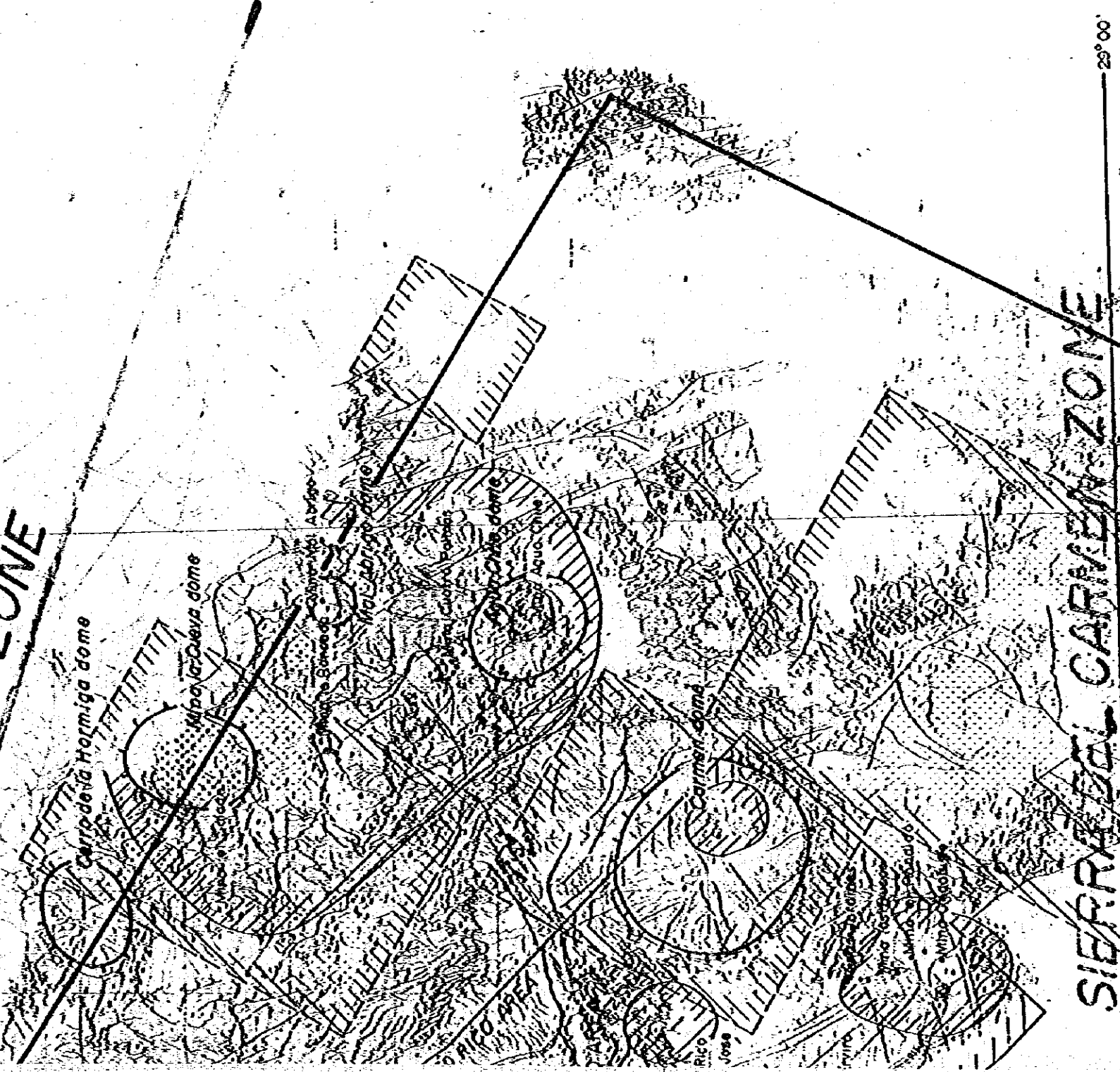
ZONE

103°00'

# A, MEXICO

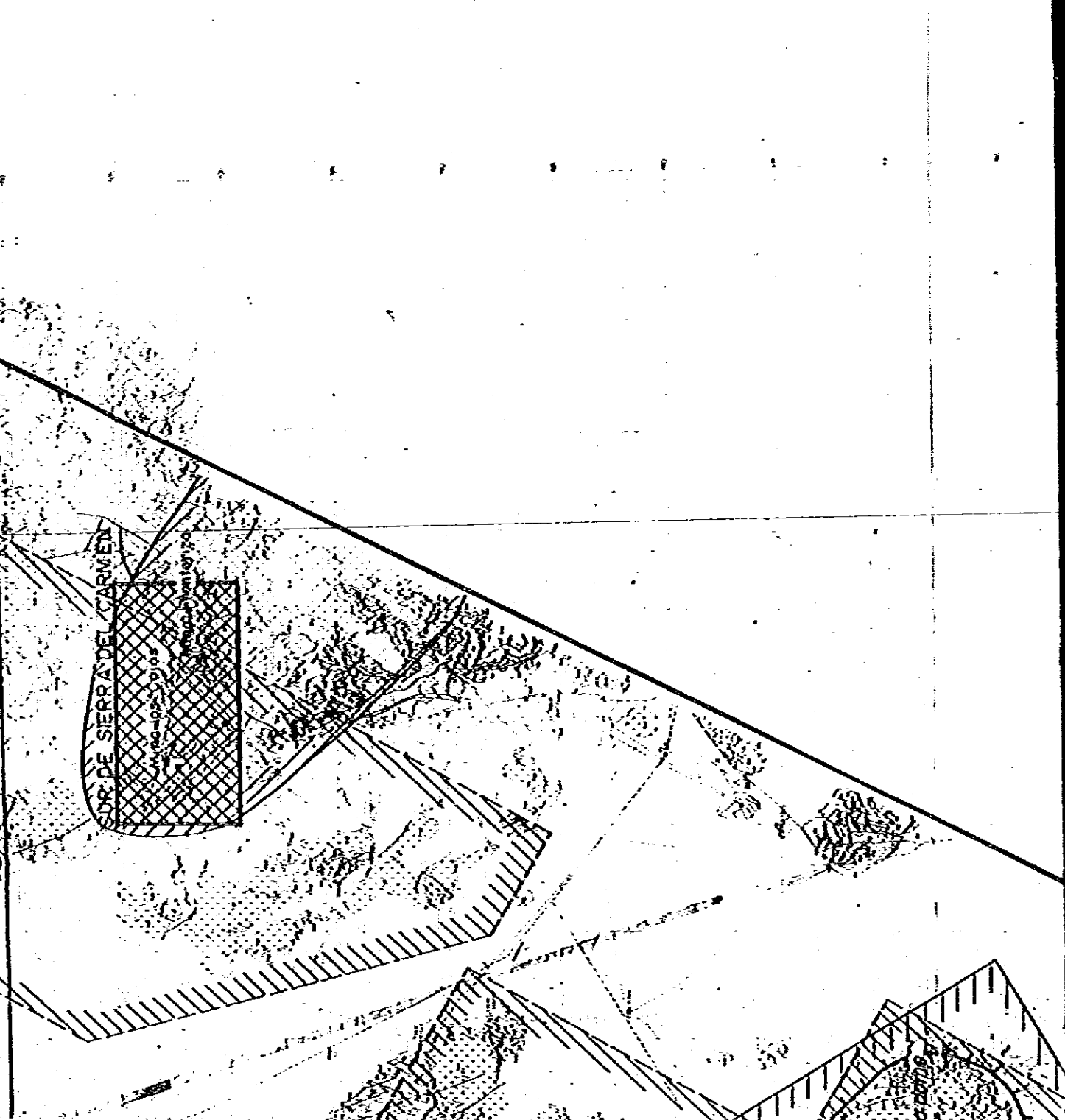
## MARATHON ZONE

102° 30' 00" 03530



## SIERRA DEL CARMEN ZONE

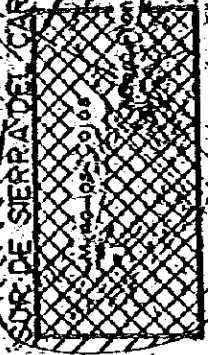
29° 00'



SIERRA DEL CARMEN ZONE

28°00'

DR. DE SIERRA DEL CARMEN



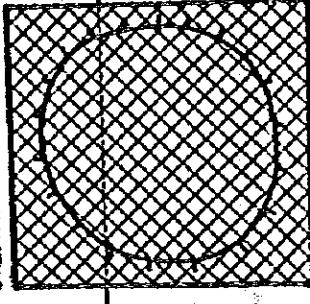
28°30'

Mina de la Encantada



Mina la Posición

SIERRA DE PALMINO AREA



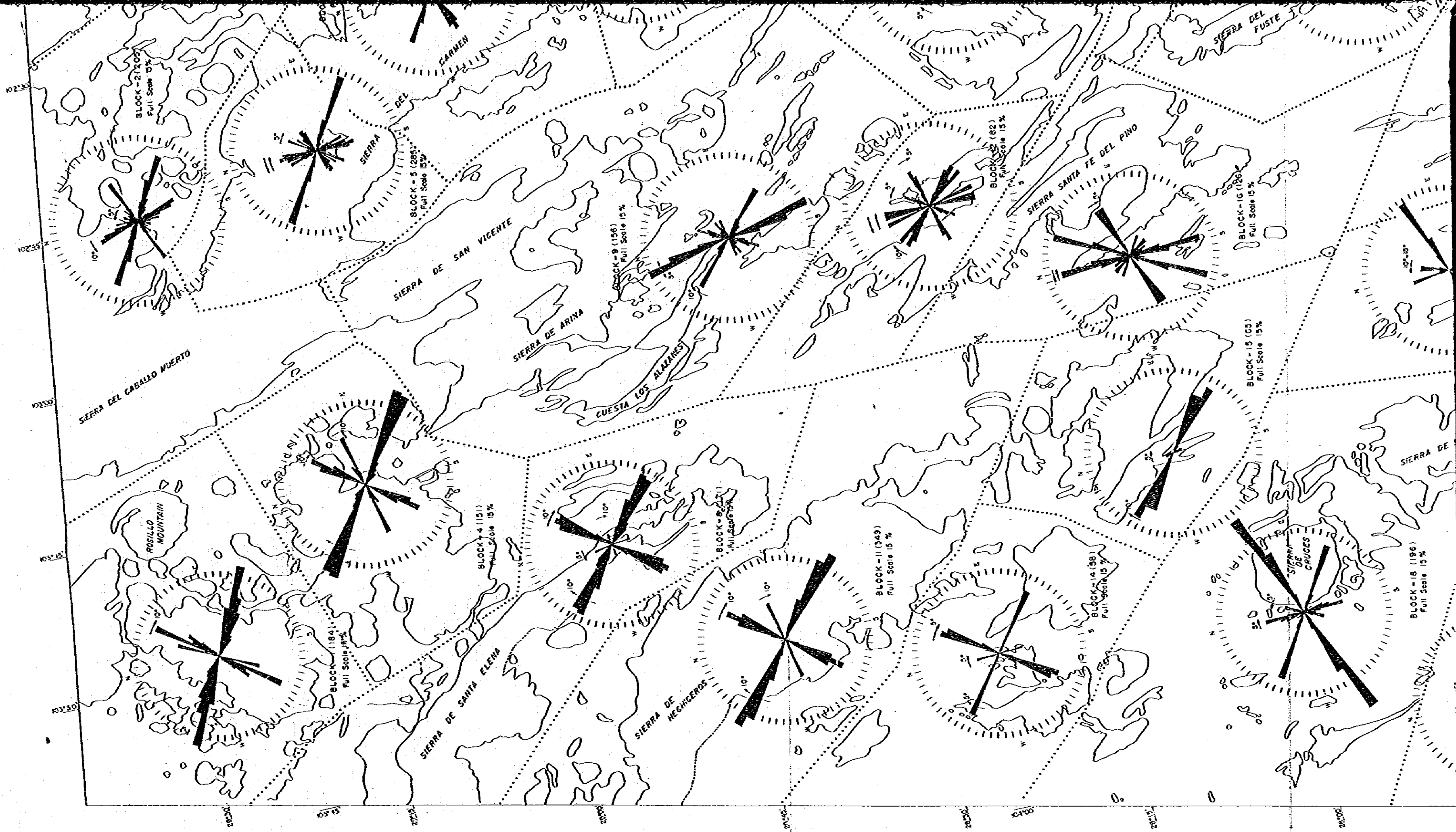
28°00'

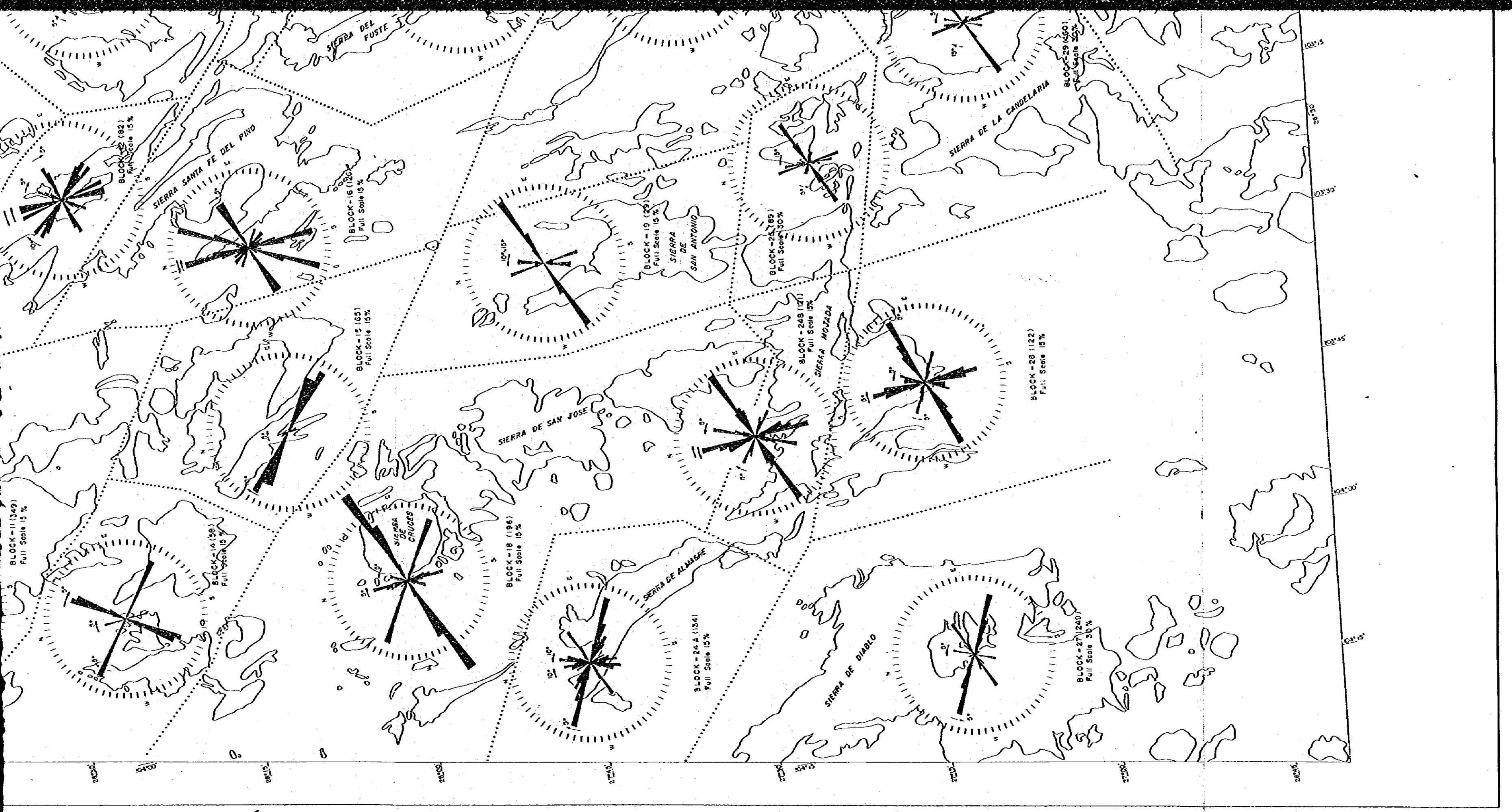
102°30'



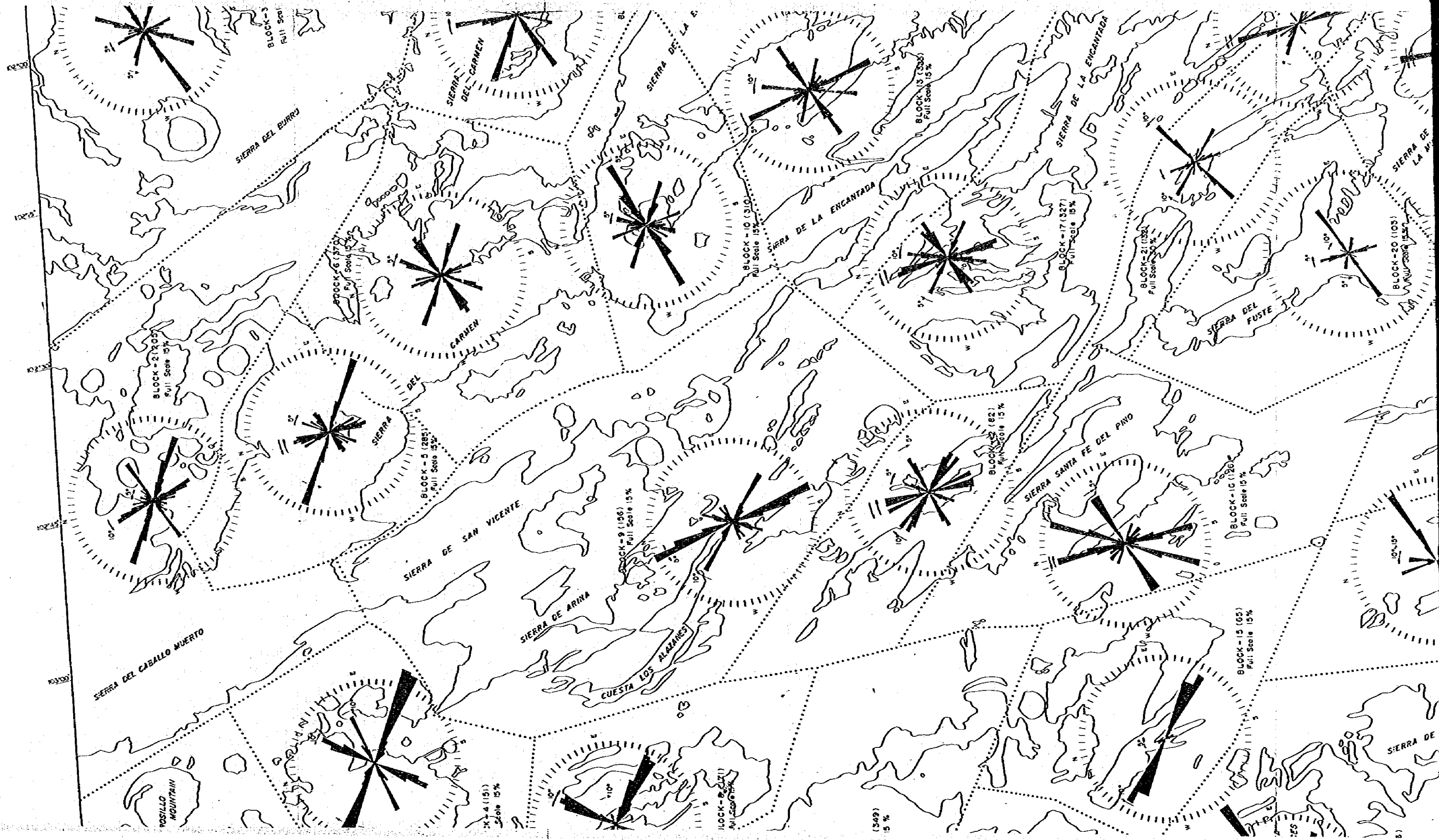


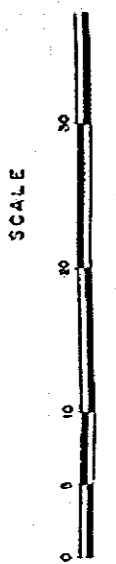
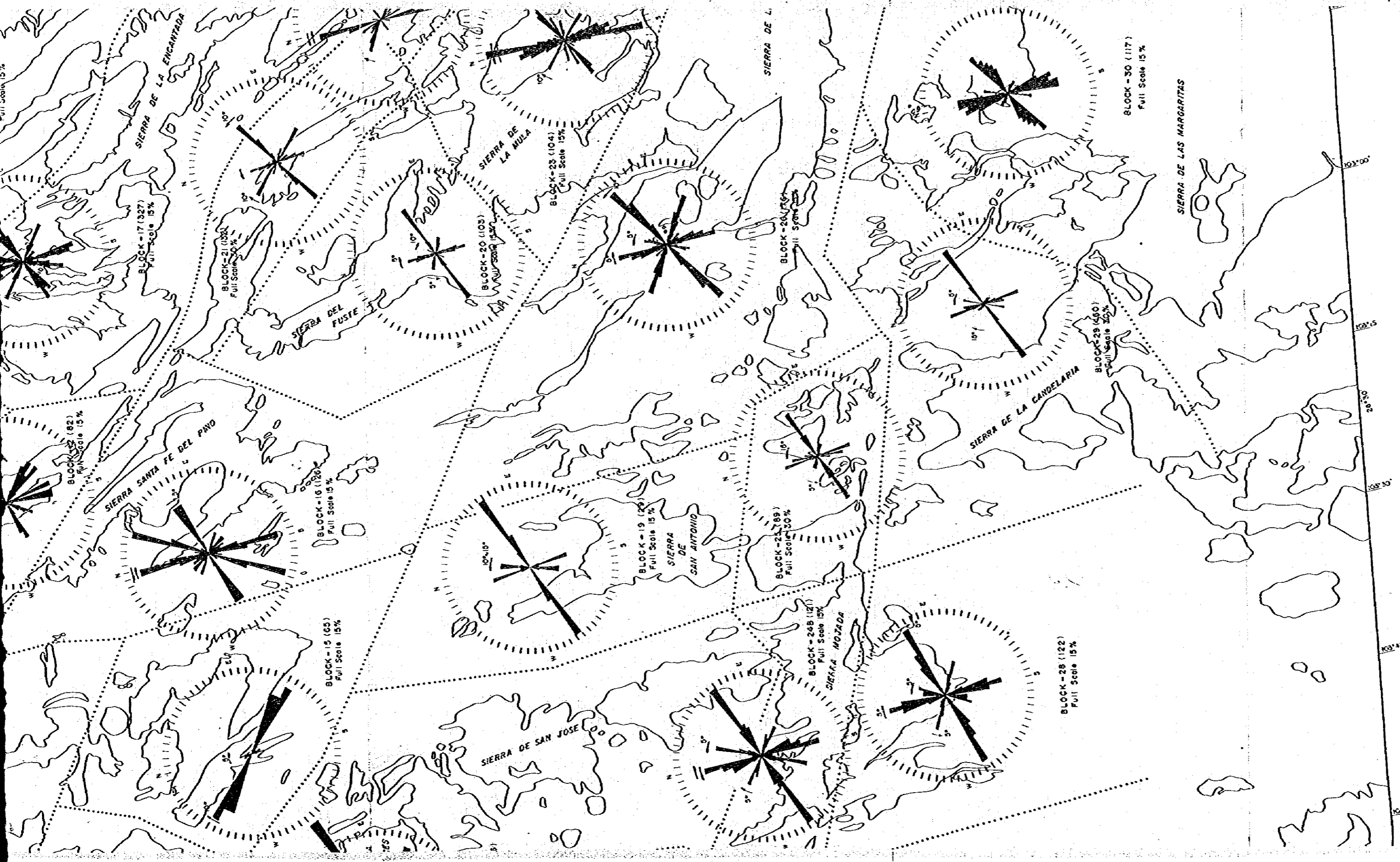
PL-IV-1 ROSE DIAGRAM OF LINEAMENT IN





IV-1 ROSE DIAGRAM OF LINEAMENT IN 31 BLOCKS

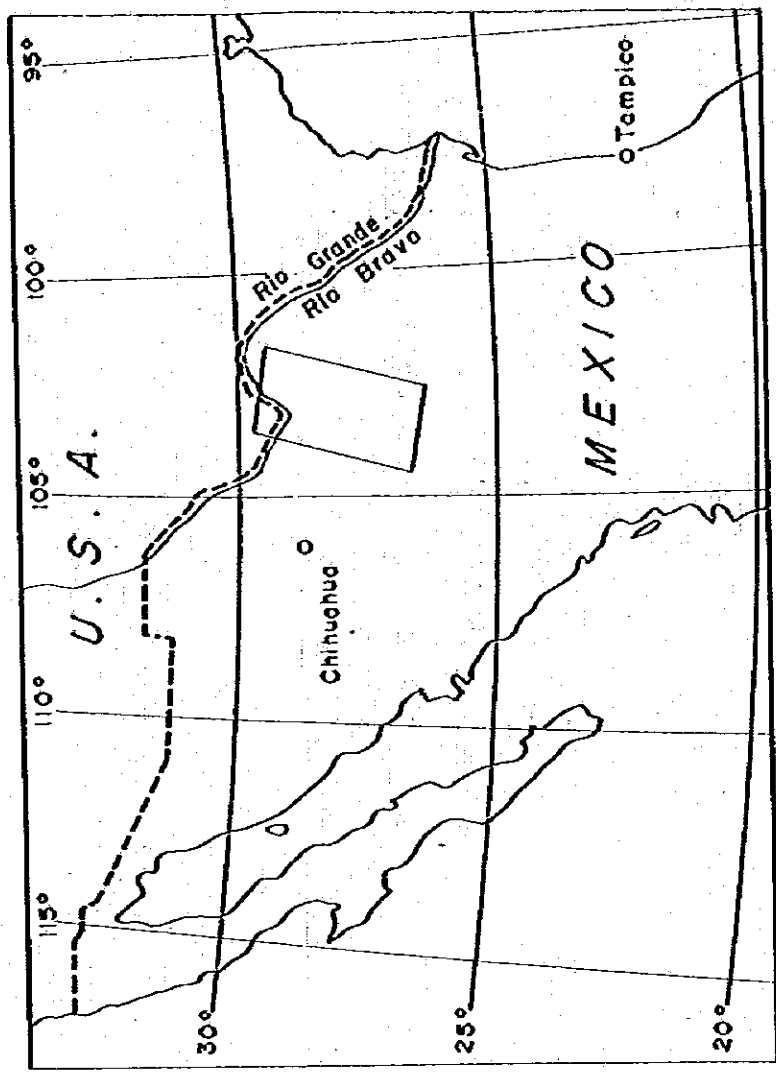




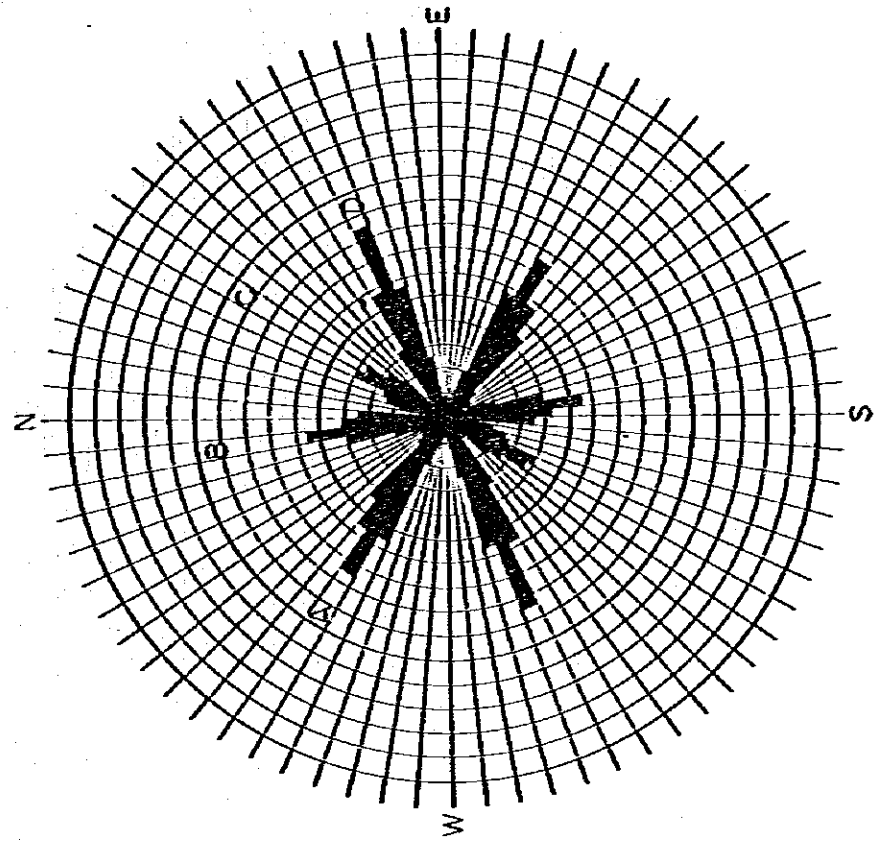
GEOLOGICAL SURVEY  
OF  
THE COAHUILA AREA, NORTHERN MEXICO  
PHASE II

ROSE DIAGRAM OF LINEAMENT IN 31 BLOCKS

1 : 500,000

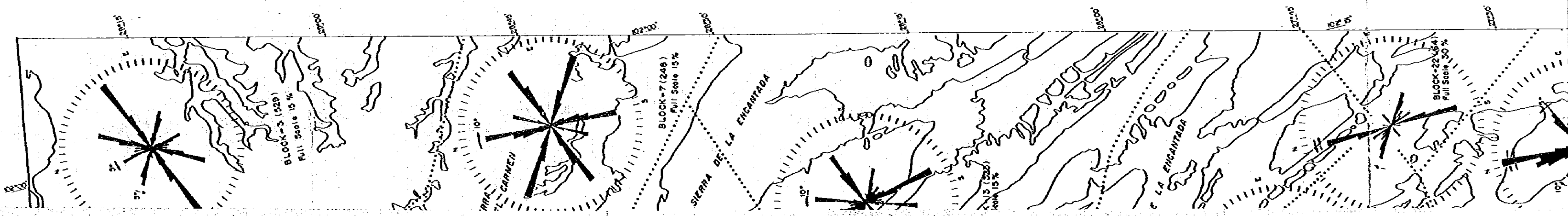


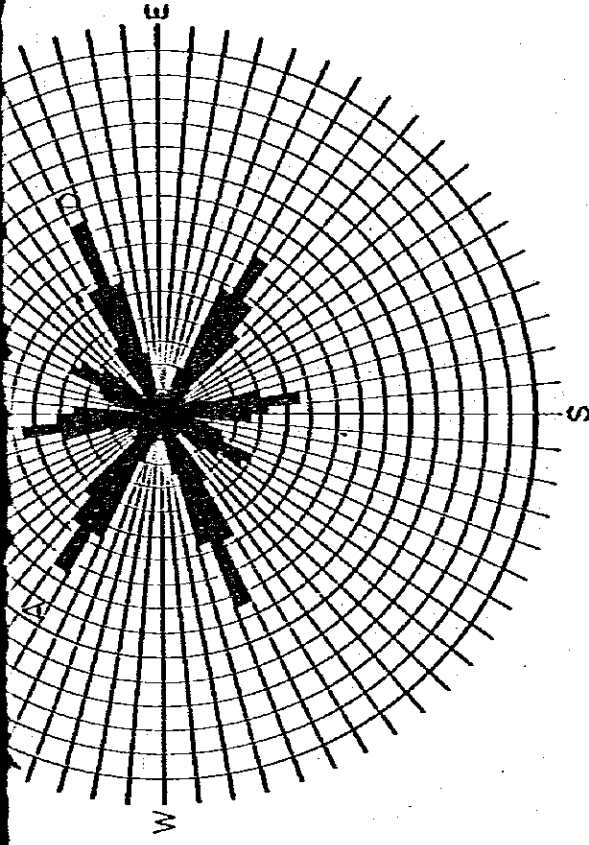
METAL MINING AGENCY OF JAPAN  
JAPAN INTERNATIONAL CO-OPERATION AGENCY  
GOVERNMENT OF JAPAN  
COLLABORATION WITH  
CONSEJO DE RECURSOS MINERALES  
DE MEXICO  
MARCH 1977



WHOLE AREA (5742 ..... Number of lineaments)  
Full Scale 15%

Arrows on the rosetts indicate declination  
from the peaks of lineaments — A, B, C, D, in whole area

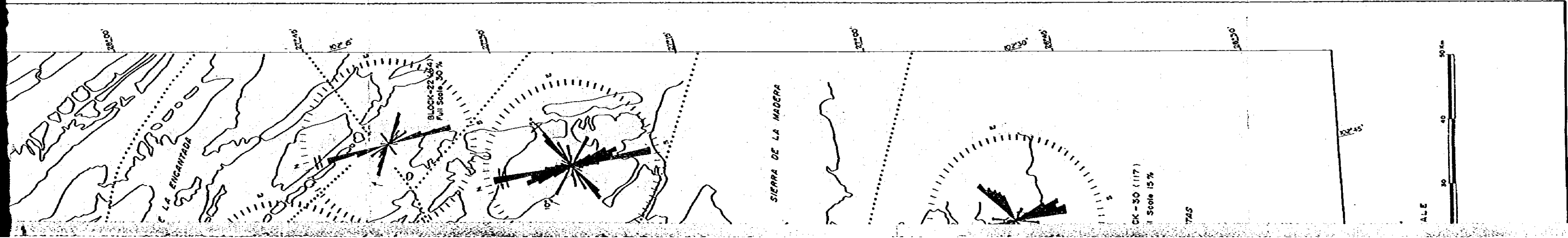




WHOLE AREA ( 5742 ..... Number of lineaments )

Full Scale 15%

Arrows on the rossets indicate declination from the peaks of lineaments — A. B. C. D. in whole area



OK - 30 ( 117 )  
Full Scale 15%

