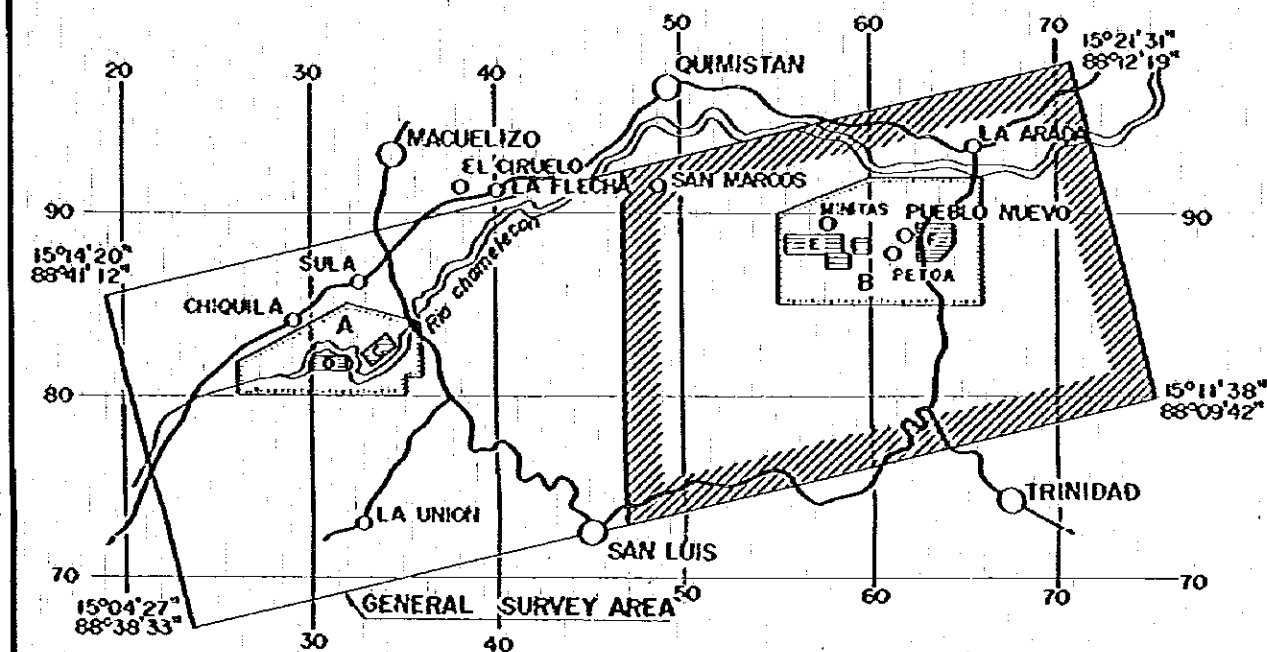


GEOLOGICAL SURVEY
OF
THE WESTERN AREA, REPUBLIC OF HONDURAS
PHASE I

GEOLOGICAL MAP OF THE
GENERAL SURVEYED AREA
(EASTERN PART)

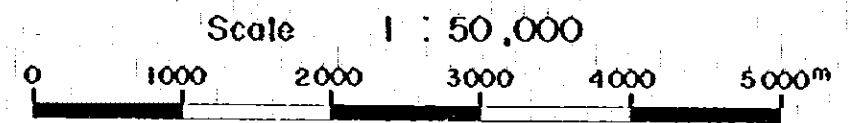


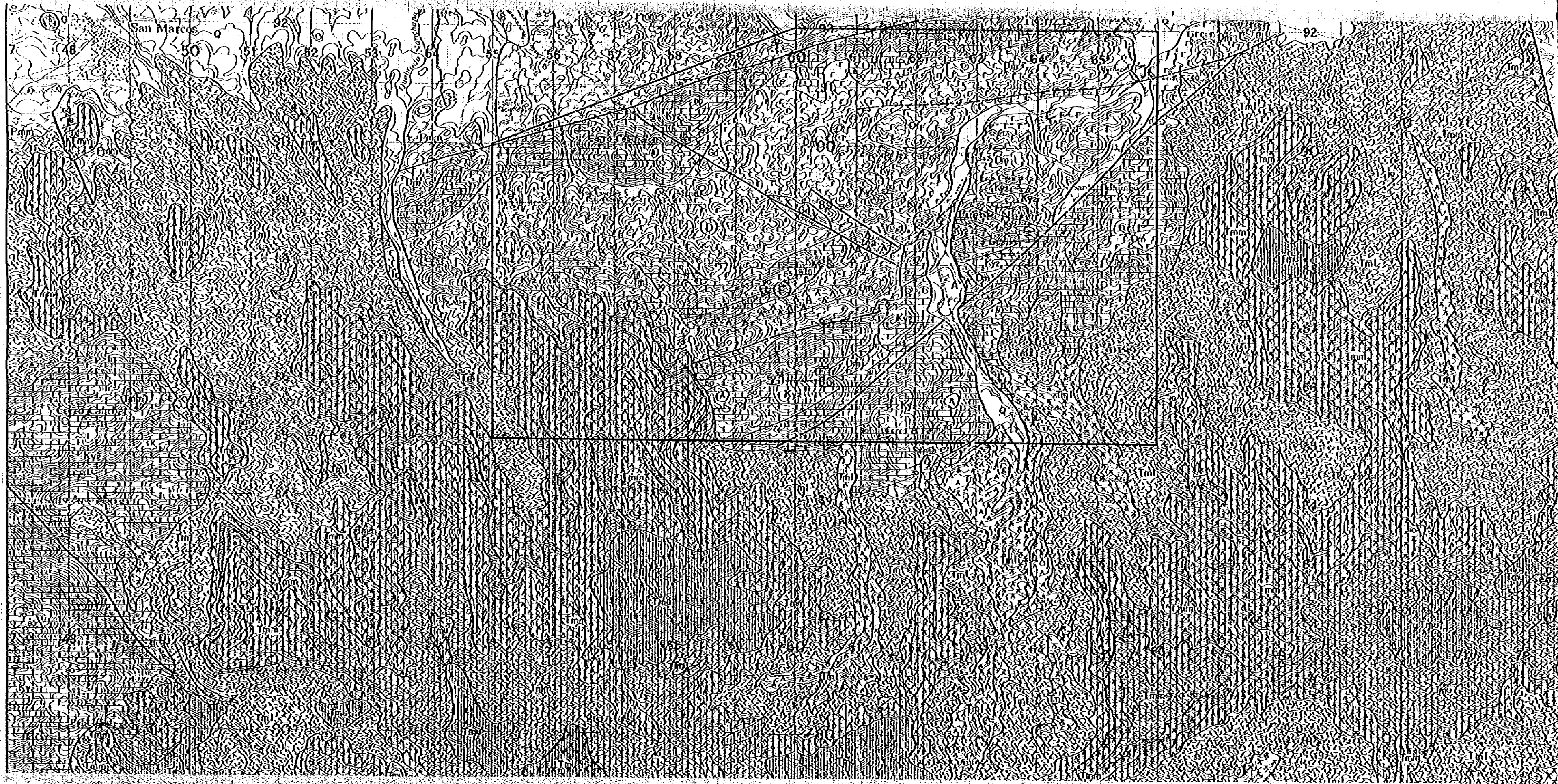
- | | |
|--|---|
| A AREA OF SEMIDETAILED SURVEY
(Chamelecon Area) | B AREA OF SEMIDETAILED SURVEY
(Pelo Area) |
| C AREA OF DETAILED SURVEY
(Vuelcos del Rio Sector) | D AREA OF DETAILED SURVEY
(Zopotol II Sector) |
| E AREA OF DETAILED SURVEY
(Minilos Sector) | F AREA OF DETAILED SURVEY
(Pueblo Nuevo Sector) |

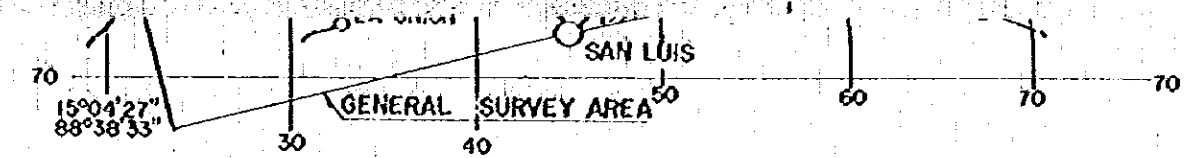
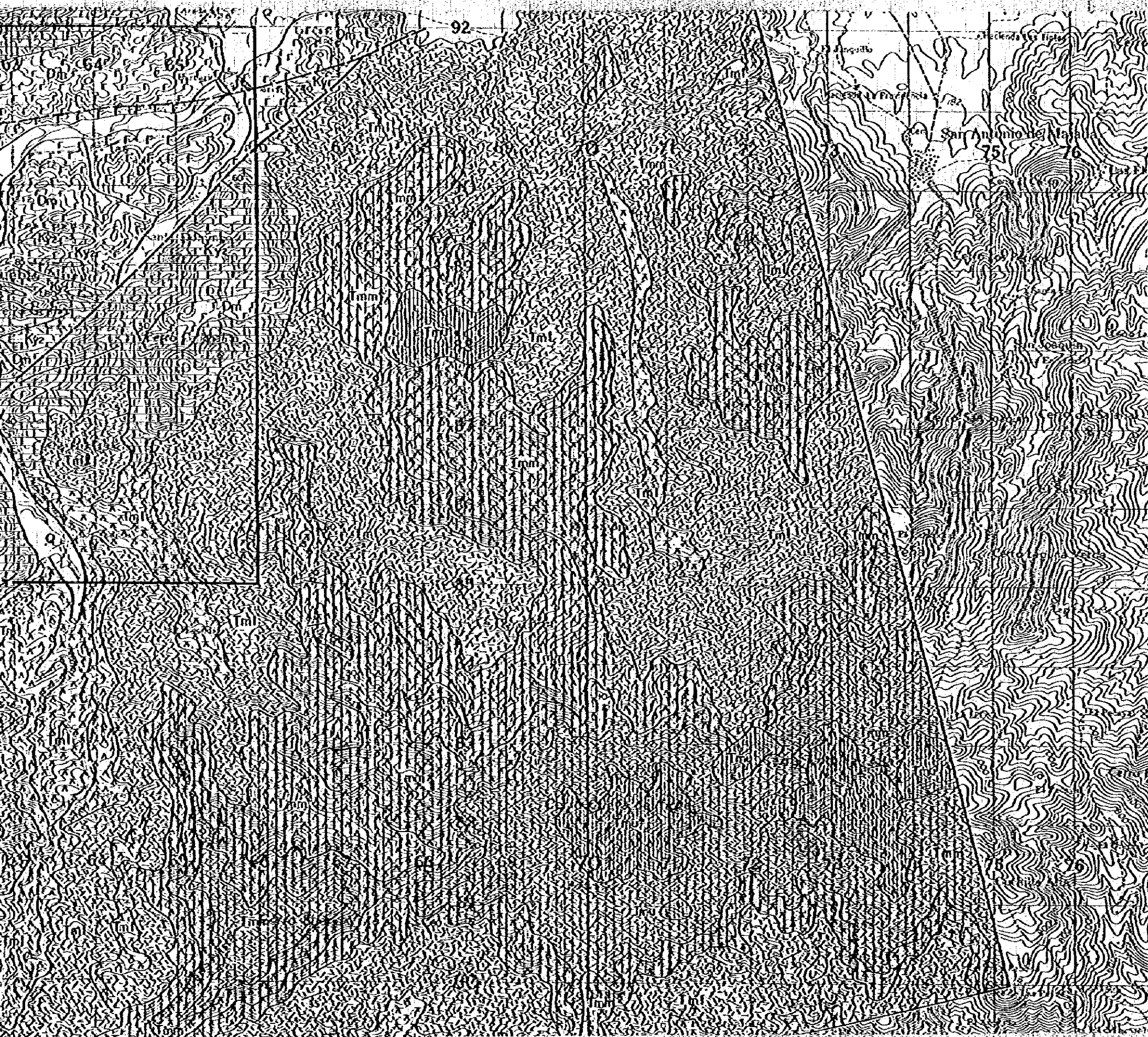
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JANUARY 1978

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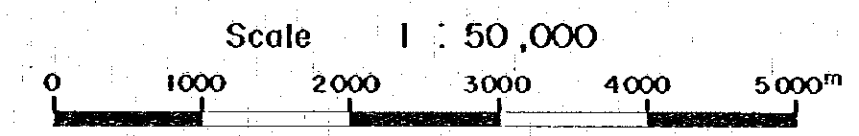


- A** AREA OF SEMIDETAILED SURVEY (Chomeleón Area)
- B** AREA OF SEMIDETAILED SURVEY (Peloo Area)
- C** AREA OF DETAILED SURVEY (Vuelos del Rio Sector)
- D** AREA OF DETAILED SURVEY (Zopotal II Sector)
- E** AREA OF DETAILED SURVEY (Minilos Sector)
- F** AREA OF DETAILED SURVEY (Pueblo Nuevo Sector)

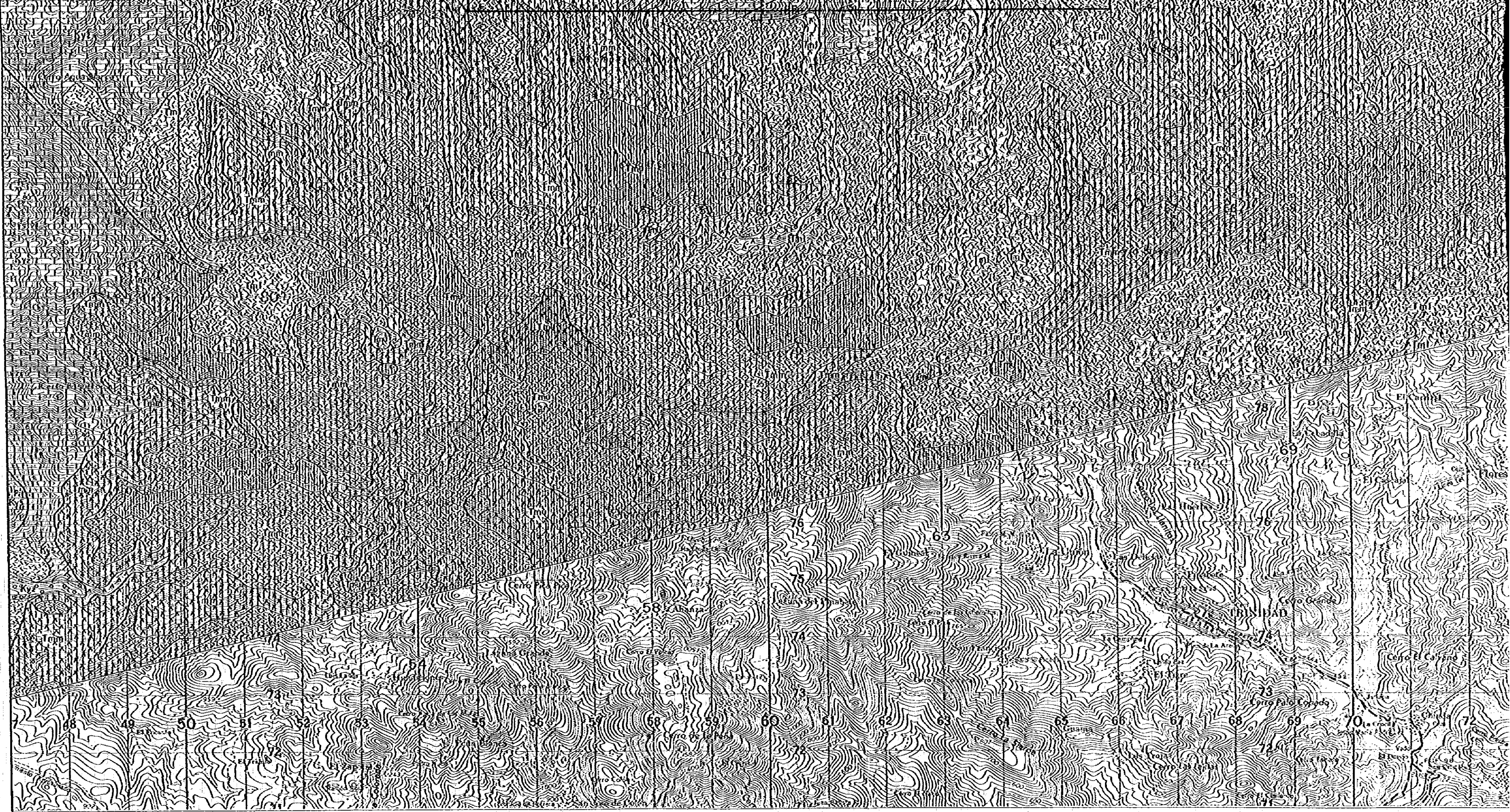
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Geological age	Formation	Stratigraphical		Lithology	
		Mark	Symbol		
CENOZOIC	Quaternary	Alluvium		Q	gravel, sand, clay
	Tertiary	Padre Miguel F.		Tp	andesite, sedimentary rocks
		Malagótopo F.		Tm	rhyolite
					pyroclastic rocks (lower, middle, upper)
					andesite (lower, middle, upper) basalt (lower, middle, upper)
MESOZOIC	Upper	Volle de Angeles F.		Kv4	shale, sandstone, limestone
				Kv3	shale
				Kv2	limestone, conglomerate
				Kv1	sandstone, shale, limestone
	Cretaceous	Group	Guare F.		Kv5
				Kv4	shale, banded limestone





Geological age	Formation	Stratigraphical		Lithology	
		Mark	Symbol		
CENOZOIC	Quaternary	Alluvium		Q gravel, sand, clay	
	Tertiary	Padre Miguel F.		Tp andesite, sedimentary rocks	
		Matagalpa F.		Tm	rhyolite
					pyroclastic rocks (lower, middle, upper)
					andesite (lower, middle, upper)
	basalt (lower, middle, upper)				
MESOZOIC	Upper Cretaceous	Valle de Angeles F.		Kv4 shale, sandstone, limestone	
				Kv3 shale	
				Kv2 limestone, conglomerate	
				Kv1 sandstone, shale, limestone	
	Lower Cretaceous	Yoloc Group	Guare F.		Ky5 banded limestone, shale
					Ky4 shale, banded limestone
					Ky3 banded limestone, shale, minor sandstone
					Ky2 massive limestone, minor shale
	Jurassic	Vueltes del Rio F.		Ky1 shale, massive & banded limestone	
				Jv shale, meta volcanics, pyroclastics, phyllite, diabase	
PALEOZOIC	Chiquila-La Arada Group		Pms sericite schist (predominant)		
				Pmg sericite-graphite schist (predominant)	
				Pme epidote-chlorite schist	
				Pmc calcareous schist, crystalline limestone	
				Pmb biotite-hornblende schist	
				Pmm biotite-muscovite schist, gneiss	
Intrusive rocks		G granite			
			Gd granodiorite		
			Om diorite (medium-grained), meta volcanics, pyroclastics		
			Df diorite (fine-grained)		
			A andesite		
			D diabase (dolerite)		
			Qd quartz-diorite porphyry		

