

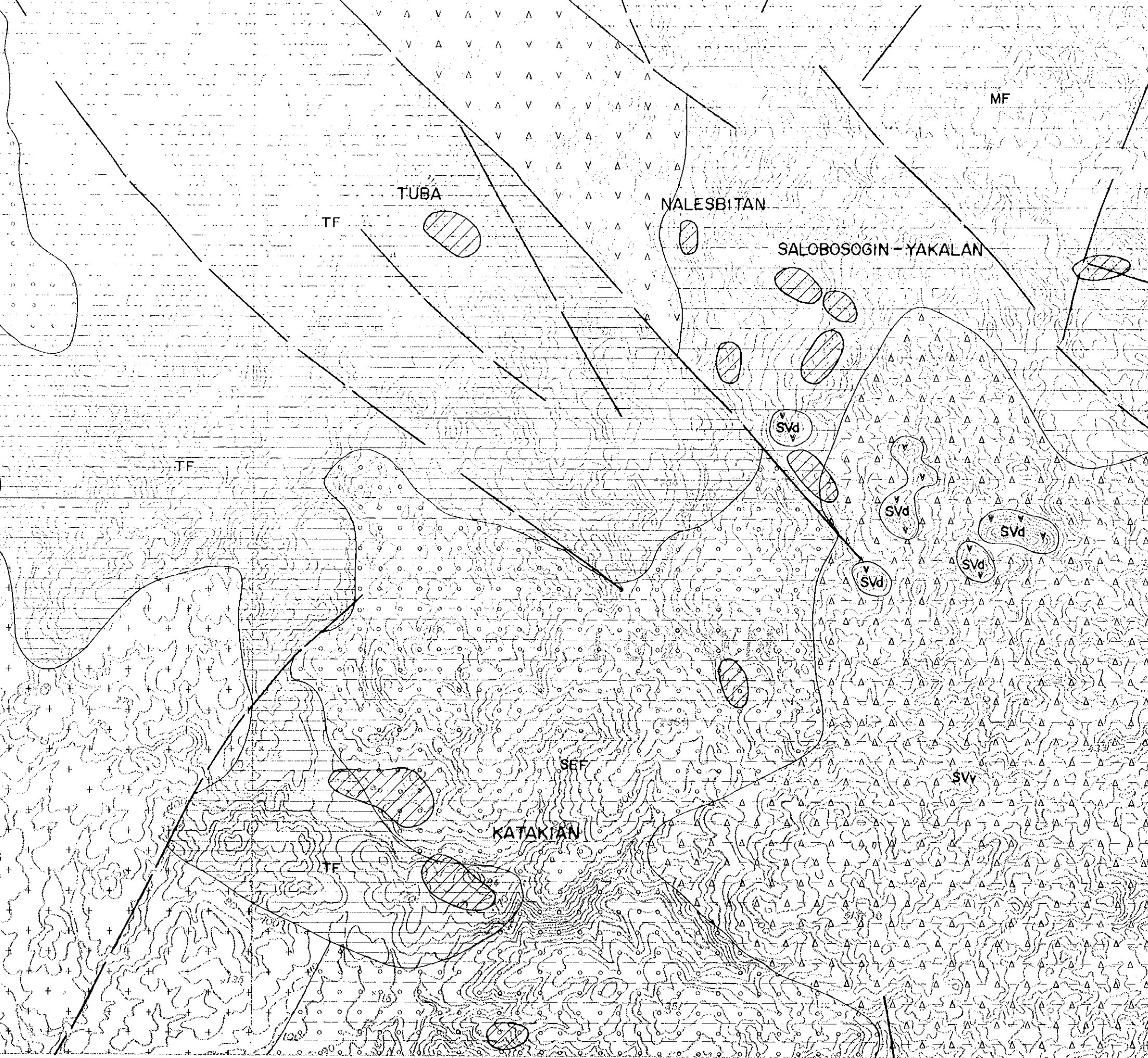
**LEGEND**

QUATERNARY Pliocene	Alluvium	Q	Sand and gravel				
	Lobo Volcanics	LVp	Pyroclastic flow				
		LVl	Andesitic and dacitic lava				
		LVv	Andesitic and dacitic pyroclastics				
		LVd	Andesitic and dacitic plug dome				
	Susungdalaga Volcanics	SVv	Dacitic lava, tuff and pyroclastics				
		SVd	Dacitic plug dome				
	TERTIARY Miocene	Macogon F.	MF	Andesitic pyroclastics and tuffaceous black shale with minor basaltic flow			
		Sta Elena F.	SEF	Conglomerate, sandstone, shale and minor limestone	Tamisan Diorite	TD	Diorite and diorite porphyry
		Basigon F.	BFv	Basaltic flows, volcanic wackes, tuff breccia, chert and limestone			
		BFs	Conglomerate, sandstone, block calcareous shale and limestone	Paracale Granodiorite	PG	Genesis granodiorite	
Universal F.		UF	Limestone, marl and calcareous shale				
CRETACEOUS	Tigbanan F.	TF	Graywacke, siltstone, chert, andesite, cherty limestone, block tuffaceous shale and arkosic sandstone	Ultramafic Complex	UC	Pseudotachyite, gabbro and epidiorite	
PRE-CRET.	Schists	SC	Green schist and quartzite				

Fault

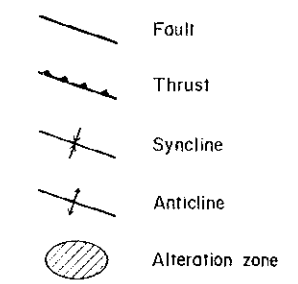






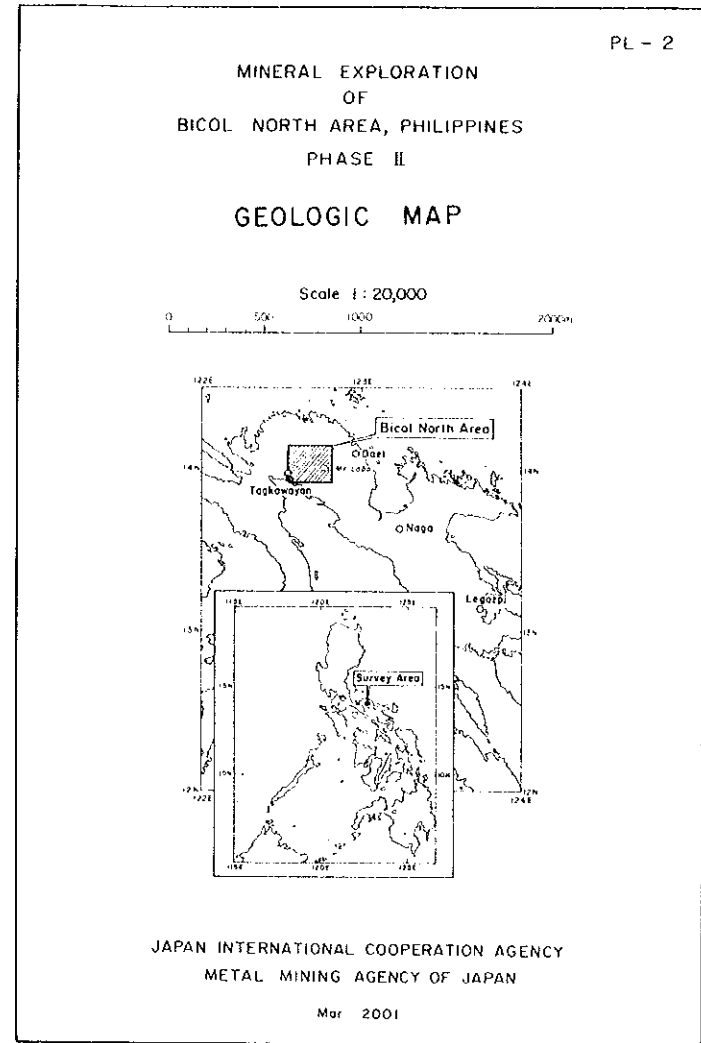
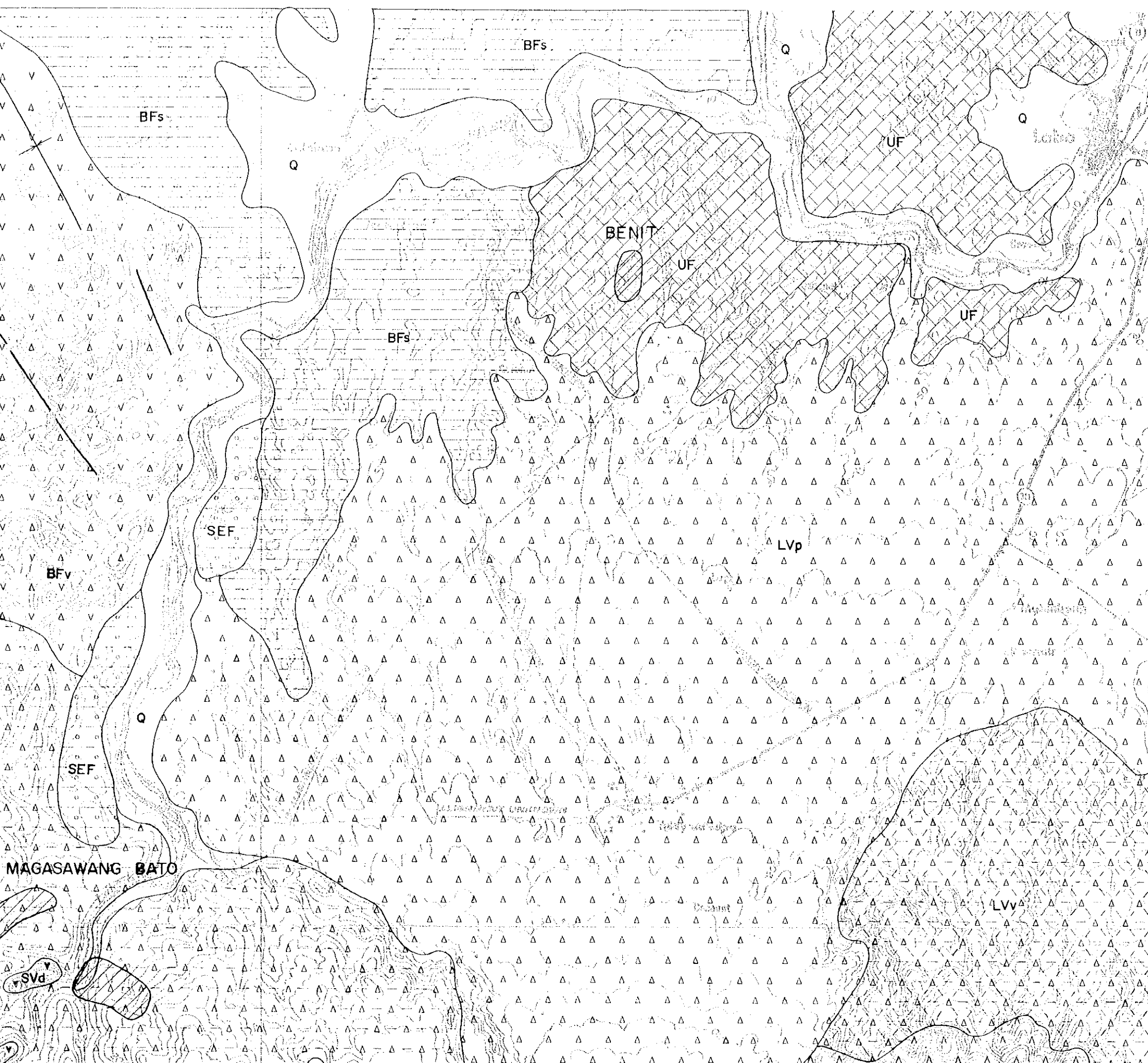
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QUATERNARY	Alluvium	Q	Sand and gravel			
	Labo Volcanics	LVp	Pyroclastic flow			
		LVf	Andesitic and dacitic lava			
		LVd	Andesitic and dacitic pyroclastics			
TERTIARY	Susungdalaga Volcanics	SVv	Dacitic lava, tuff and pyroclastics			
		SVd	Dacitic plug dome			
	Macogon F.	MF	Andesitic pyroclastics and tuffaceous block shale with minor basaltic flow			
		SEF	Conglomerate, sandstone, shale and minor limestone	Tamisan Diorite	TD	
	Bosigon F.	BFv	Basaltic flows, volcanic wackes, tuff breccia, chert and limestone			
		BFs	Conglomerate, sandstone, block calcareous shale and limestone	Paracale Granodiorite	PG	
	Universal F.	UF	Limestone, marl and calcareous shale			
	CRETACEOUS	Tigbinan F.	TF	Graywacke, siltite, chert andesite, cherty limestone, black tuffaceous shale and arkosic sandstone	Ultramafic Complex	UC
	PRE-CRET.	Schists	SC	Green schist and quartzite		



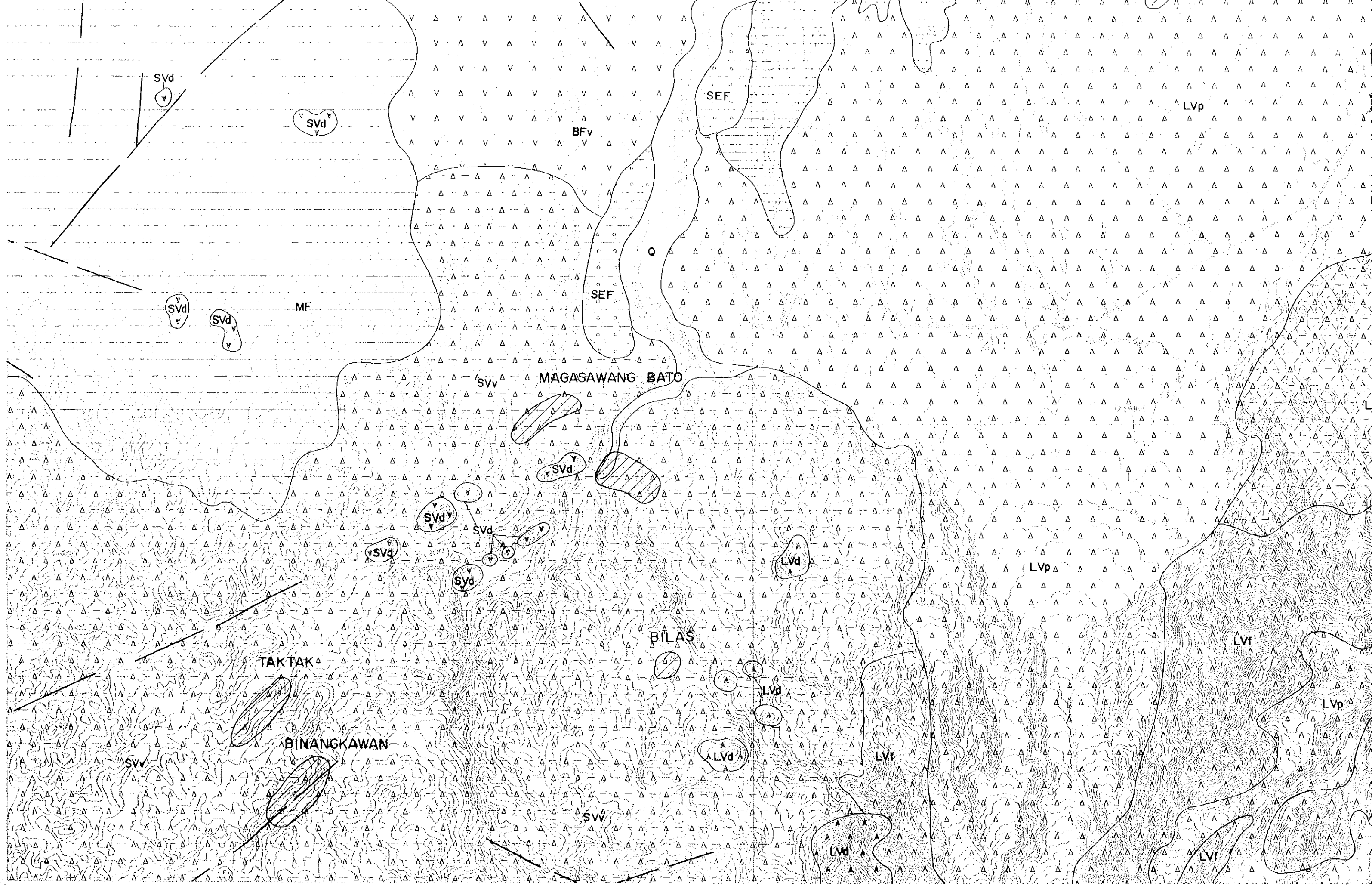


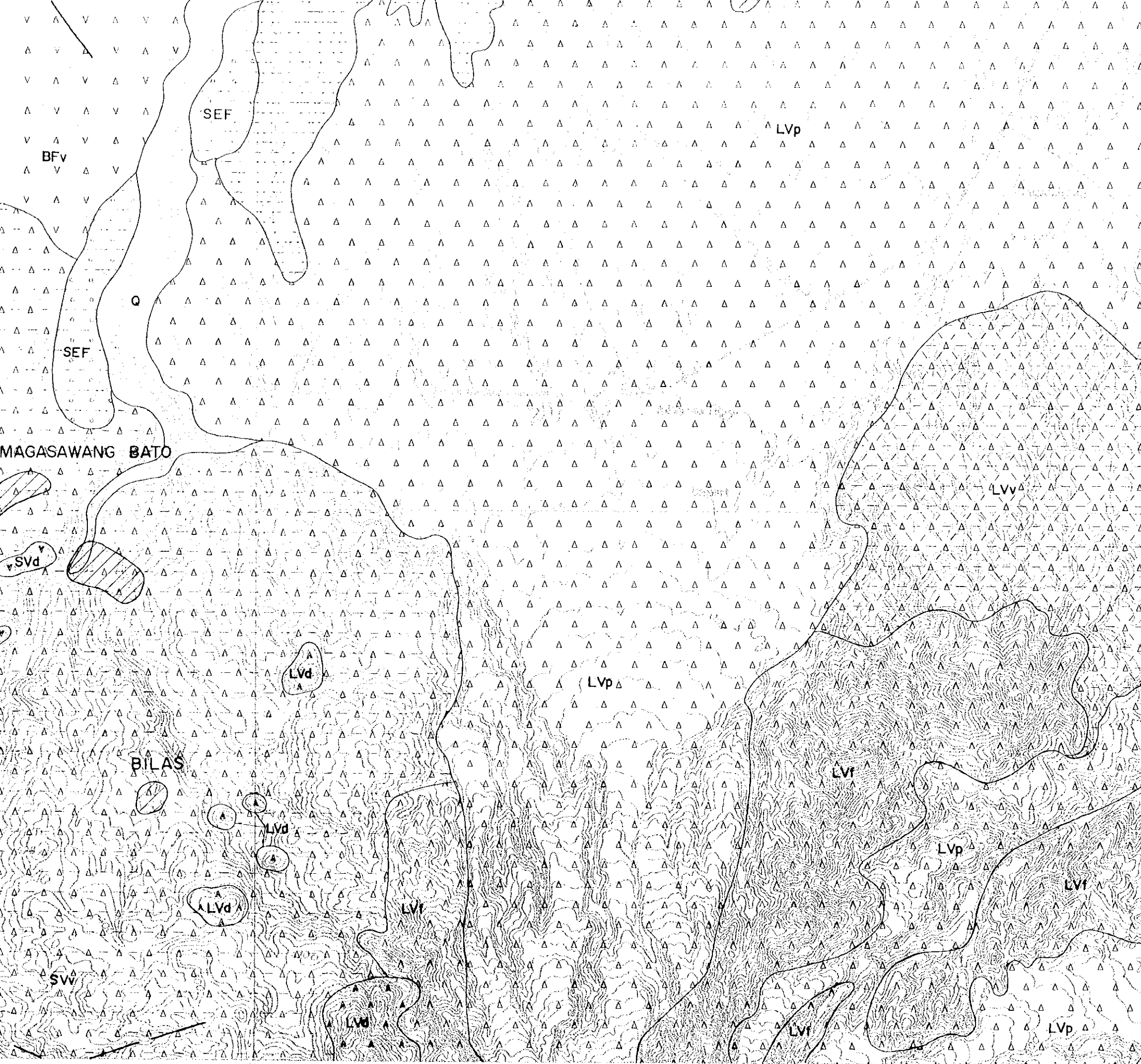




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QUATERNARY	Alluvium	Q	Sand and gravel			
		Lvp	Pyroclastic flow			
	Labro Volcanics	LVI	Andesitic and dacitic lava			
		LVV	Andesitic and dacitic pyroclastics			
	Lvd	Andesitic and dacitic plug dome				
TERTIARY Pliocene	Susungdalog Volcanics	SVV	Dacitic lava, tuff and pyroclastics			
		SVd	Dacitic plug dome			
	Macogon F.	MF	Andesitic pyroclastics and tuffaceous black shale with minor basaltic flow			
	Sta Elena F.	SEF	Conglomerate, sandstone, shale and minor limestone	Tamisan Diorite	TD	Diorite and diorite porphyry
TERTIARY Miocene	Basigon F.	BFV	Basaltic flows, volcanic wackes, tuff breccia, chert and limestone			
		BFs	Conglomerate, sandstone, black calcareous shale and limestone	Paracale Granodiorite	PG	Gneissic granodiorite
	Universal F.	UF	Limestone, marl and calcareous shale			
CRETACEOUS	Tigbinan F.	TF	Graywacke, siltite, chert andesite, cherty limestone, black tuffaceous shale and arkose sandstone	Ultramafic Complex	UC	Peridotite, spinel and epidiorite
PRE-CRET	Schists	SC	Green schist and quartzite			





LEGEND

QUATERNARY	Alluvium	Q	Sand and gravel	
	Lobo Volcanics	LVP	Pyroclastic flow	
		LVI	Andesitic and dacitic lava	
		LVd	Andesitic and dacitic pyroclastics	
Susungdolog Volcanics	SVd	Dacitic lava, tuff and pyroclastics		
	SVd	Dacitic plug dome		
TERTIARY	Macogon F.	MF	Andesitic pyroclastics and tuffaceous black shale with minor basaltic flow	
	Sta Elena F.	SEF	Conglomerate, sandstone, shale and minor limestone	Tamisan Diorite
	Bosigon F.	BFv	Basaltic flows, volcanic wackes, tuff breccia, chert and limestone	Paracale Granodiorite
		BFs	Conglomerate, sandstone, black calcareous shale and limestone	
	Universal F.	UF	Limestone, marl and calcareous shale	
CRETACEOUS	Tigbinan F.	TF	Graywacke, slate, chert, andesite, cherty limestone, black tuffaceous shale and arkose sandstone	Ultramafic Complex
	PRE-CRET. Schists	SC	Green schist and quartzite	

