

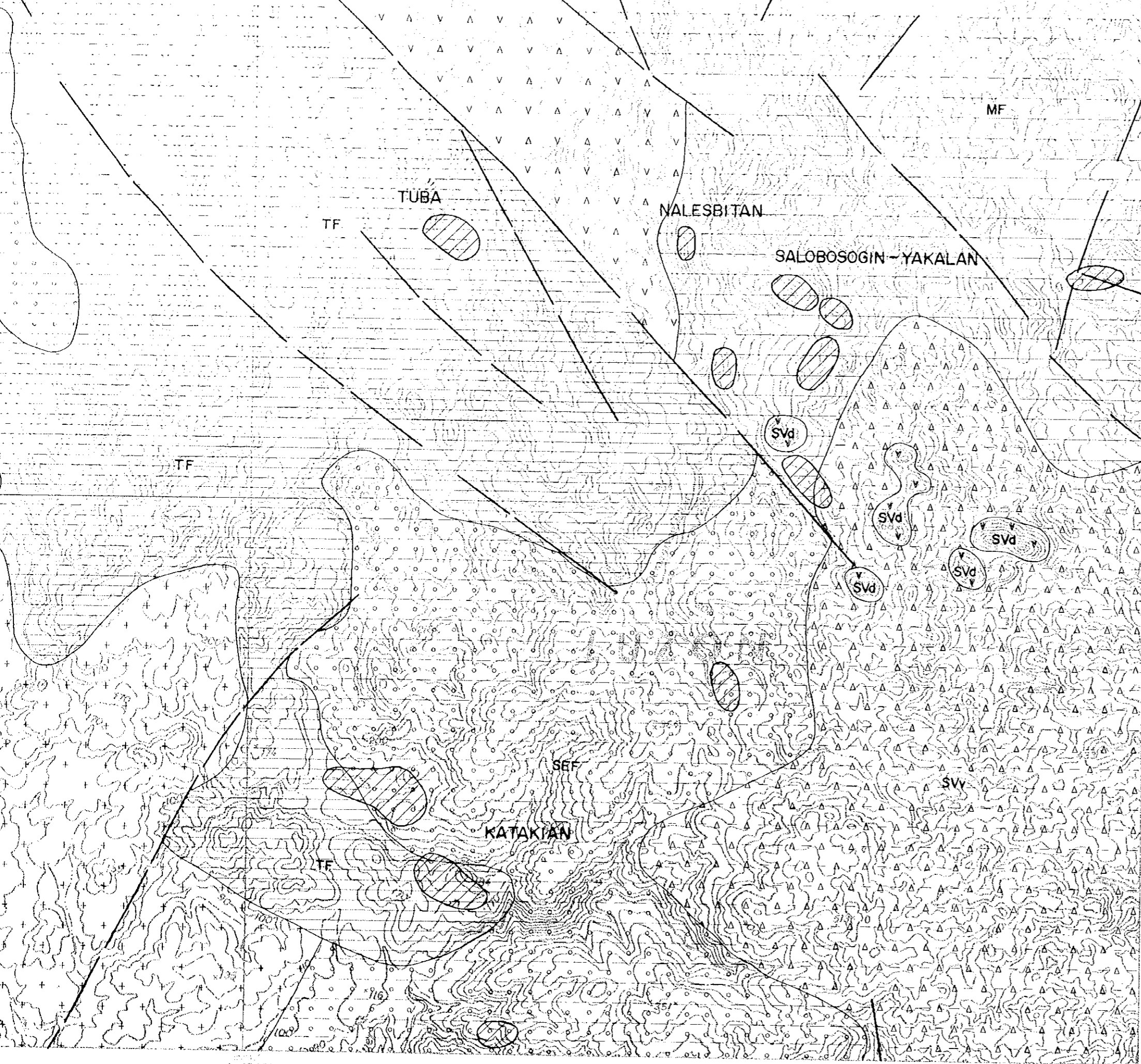
LEGEND

QUATERNARY	Alluvium	Q	Sand and gravel			
	Lobo Volcanics	LVf	Pyroclastic flow			
		LVf	Andesitic and dacitic lava			
		LVf	Andesitic and dacitic pyroclastics			
		LVd	Andesitic and dacitic plug dome			
TERTIARY	Susungdalaga Volcanics	SVd	Dacitic lava, tuff and pyroclastics			
		SVd	Dacitic plug dome			
	Macogon F.	MF	Andesitic pyroclastics and tuffaceous block shale with minor basaltic flow			
	Sta. Elena F.	SEF	Conglomerate, sandstone, shale and minor limestone	Tariman Diorite	TD	Diorite and dacite porphyry
Pliocene	Basigin F.	BFV	Basaltic flows, volcanic wackes, tuff breccia, chert and limestone			
		BFs	Conglomerate, sandstone, black calcareous shale and limestone			
Miocene	Universal F.	UF	Limestone, marl and calcareous shale	Paracale Granodiorite	PG	Gneissic granodiorite
	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			

Fault



Scale: 1:20,000

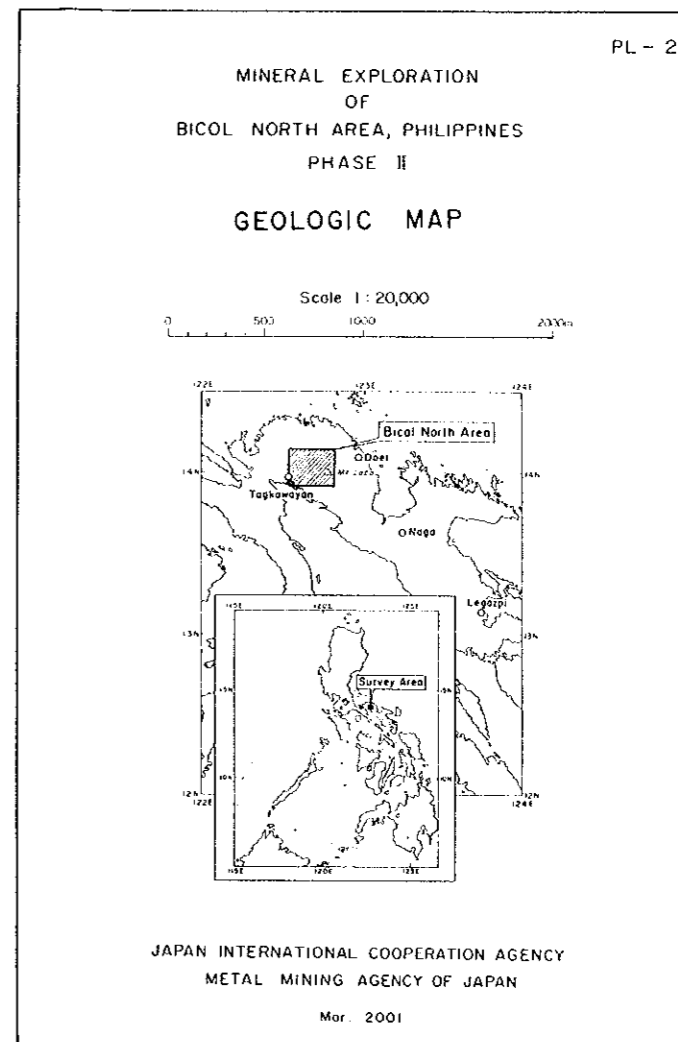


LEGEND

QUATERNARY	Alluvium	Q	Sand and gravel	
	Labo Volcanics	LVP	Pyroclastic flow	
		ALVf	Andesitic and dacitic lava	
		ALVd	Andesitic and dacitic pyroclastics	
TERTIARY	Susungdalaga Volcanics	SVv	Dacitic lava, tuff and pyroclastics	
		SVd	Dacitic plug dome	
	Macogon F.	MF	Andesitic pyroclastics and tuffaceous black shale with minor basaltic flow	
	Sia Elena F.	SEF	Conglomerate, sandstone, shale and minor limestone	Tamisan Diorite (TDx) Diorite and dacite porphyry
	Bosigon F.	BVv	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	Trigbinan F.	TF	Graywacke, siltite, chert, andesite, cherty limestone, black tuffaceous shale and arkosic sandstone	Ultramafic Complex (UC) Pentasite, gabbro and epidiorite
PRE-CRET.	Schists	SC	Green schist and quartzite	

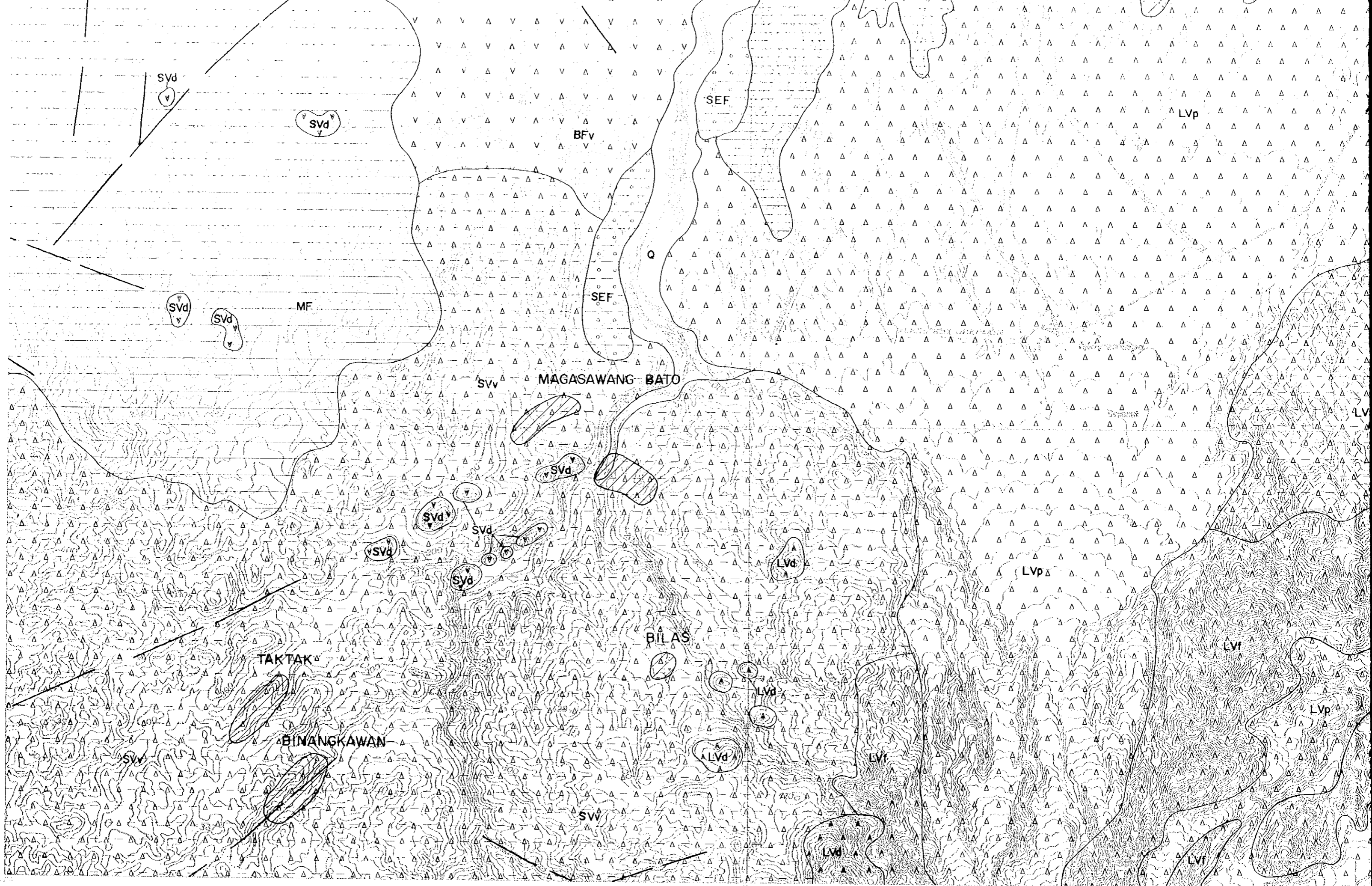
	Fault
	Thrust
	Syncline
	Anticline
	Alteration zone

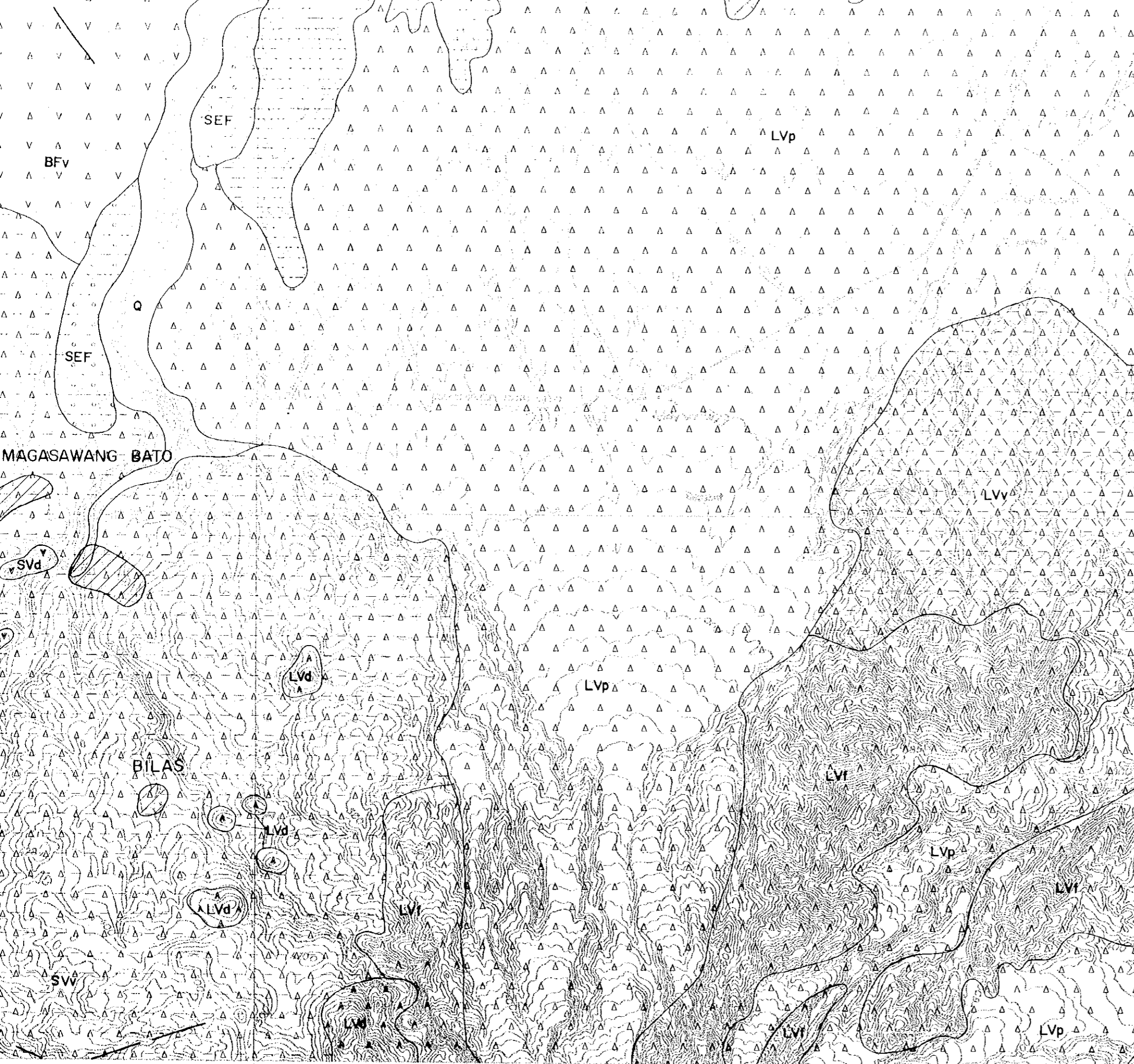




LEGEND

<p>QUATERNARY</p> <p>Labo Volcanics</p> <p>Surigdaloga Volcanics</p> <p>Miocene</p> <p>Macagon F.</p> <p>Sto. Elena F.</p> <p>Bosigon F.</p> <p>Universal F.</p> <p>CRETACEOUS</p> <p>Tigbinan F.</p> <p>PRE-CRET</p> <p>Schists</p>	<p>Alluvium</p> <p>Pyroclastic flow</p> <p>Andesitic and dacitic lava</p> <p>Andesitic and dacitic pyroclastics</p> <p>Andesitic and dacitic plug dome</p> <p>Dacitic lava, tuff and pyroclastics</p> <p>Dacitic plug dome</p> <p>Andesitic pyroclastics and tuffaceous black shale with minor basaltic flow</p> <p>Conglomerate, sandstone, shale and minor limestone</p> <p>Basaltic flows, volcanic wackes, tuff breccia, chert and limestone</p> <p>Conglomerate, sandstone, black calcareous shale and limestone</p> <p>Limestone, marl and calcareous shale</p> <p>Graywacke, siltite, chert, andesite, chiefly limestone, black tuffaceous shale and arkosic sandstone</p> <p>Green schist and quartzite</p>	<p>Q Sand and gravel</p> <p>LVP Pyroclastic flow</p> <p>LVA Andesitic and dacitic lava</p> <p>LVD Andesitic and dacitic pyroclastics</p> <p>LVD Andesitic and dacitic plug dome</p> <p>SV Dacitic lava, tuff and pyroclastics</p> <p>SVd Dacitic plug dome</p> <p>MF Andesitic pyroclastics and tuffaceous black shale with minor basaltic flow</p> <p>SEF Conglomerate, sandstone, shale and minor limestone</p> <p>BFv Basaltic flows, volcanic wackes, tuff breccia, chert and limestone</p> <p>BFs Conglomerate, sandstone, black calcareous shale and limestone</p> <p>UF Limestone, marl and calcareous shale</p> <p>TF Graywacke, siltite, chert, andesite, chiefly limestone, black tuffaceous shale and arkosic sandstone</p> <p>SC Green schist and quartzite</p>	<p>Tamison Diorite</p> <p>Paracale Granodiorite</p> <p>Ultramafic Complex</p> <p>Drone and diorite porphyry</p> <p>Granitic granodiorite</p> <p>Pendolite, gabbro and epidiorite</p>
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LEGEND

QUATERNARY	Alluvium	O	Sand and gravel				
	Lobo Volcanics	Lvp	Pyroclastic flow				
		LVi	Andesitic and dacitic lava				
		Lvd	Andesitic and dacitic pyroclastics				
	Susungdaloga Volcanics	SVv	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	Tarnisan Diorite	TD	Diorite and dacite porphyry
		Boşigon F.	BFv	Basaltic flows, volcanic wackes, tuff breccia, chert and limestone			
		Universal F.	UF	Conglomerate, sandstone, black calcareous shale and limestone	Paracale Granodiorite	PG	Gneissic granodiorite
CRETACEOUS	Tigbinan F.	TF	Limestone, marl and calcareous shale				
	PRE-CRET.	Schists	SC	Green schist and quartzite	Ultramafic Complex	UC	Peridotite, gabbro and epidiorite

