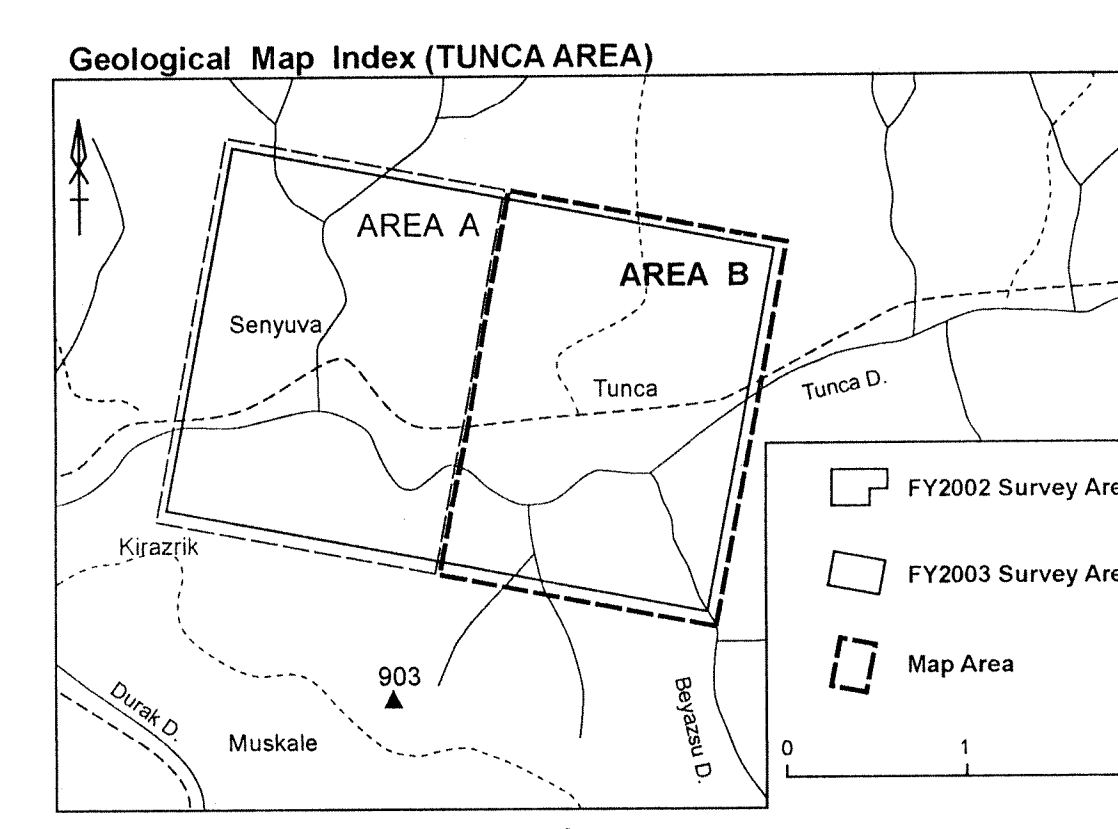


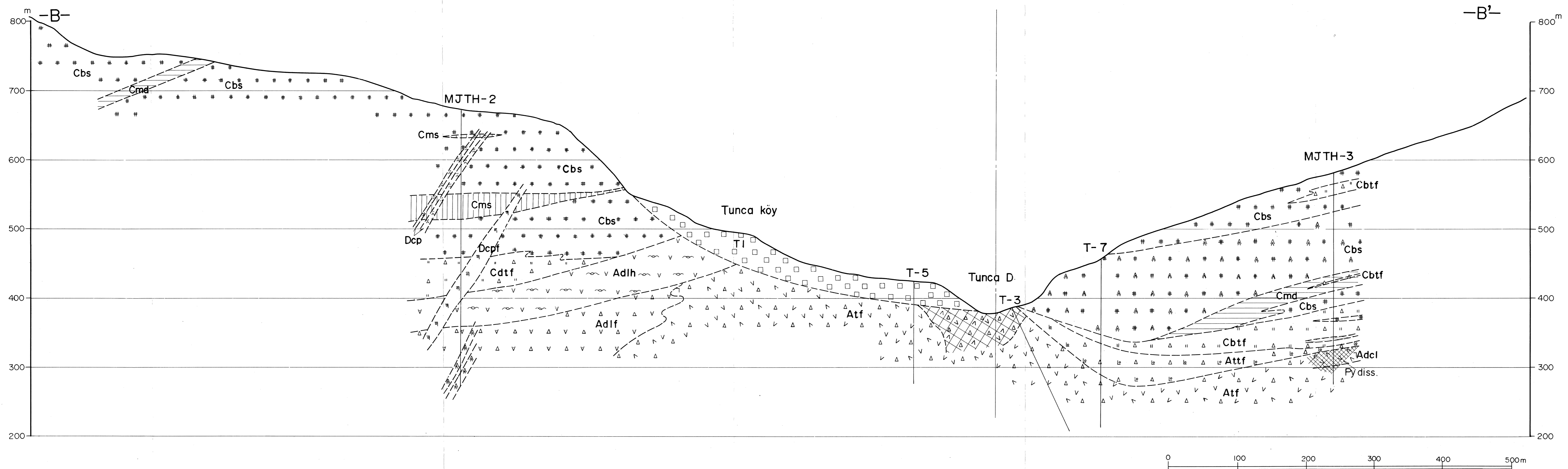
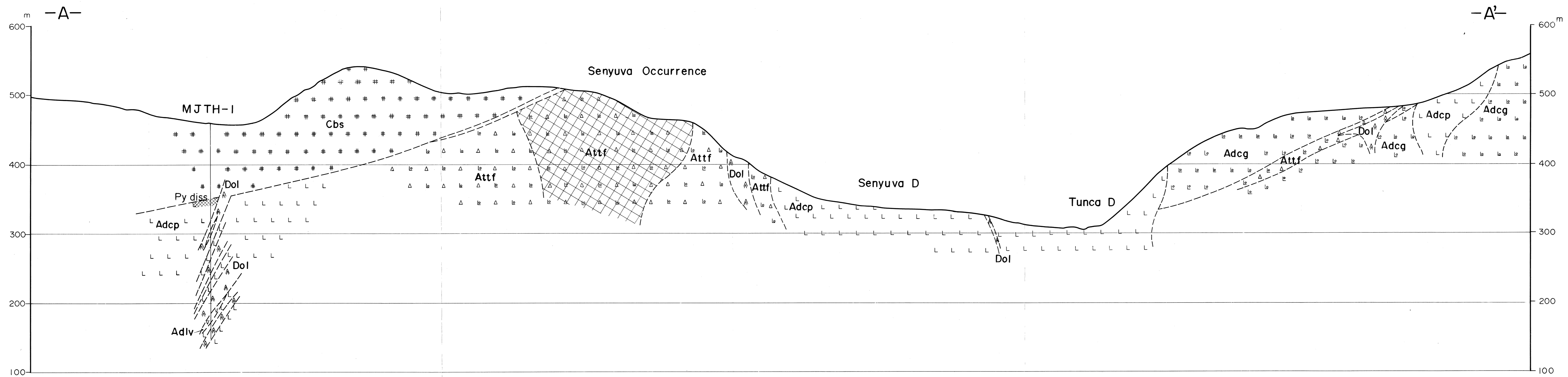
PL 1-2
 REPORT
 ON
 THE MINERAL EXPLORATION
 IN
 THE HOPA AREA,
 PHASE II
 GEOLOGICAL MAP
 (AREA B)
 (SCALE 1: 2,500)

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 JANUARY 2004



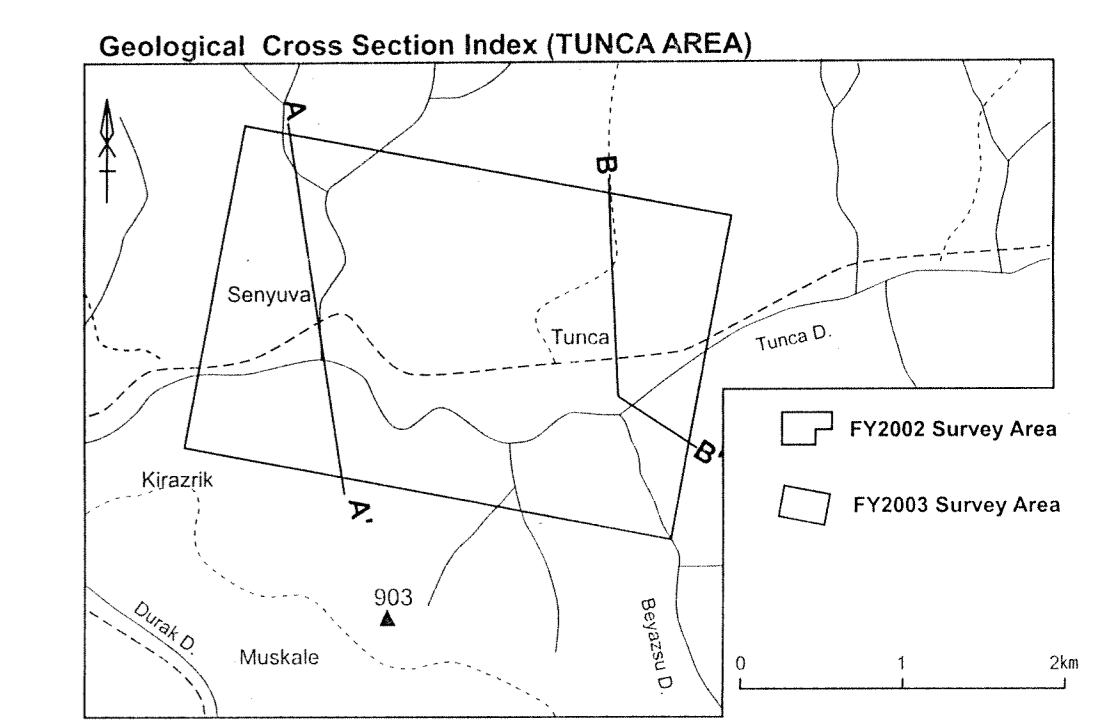
Legend

Hamidya Formation	Sediment	Int.usive Rocks	Porphyritic Dacite
Sivrikaya Formation	Mudstone	Porphyritic Dacite	Biotite Dacite
Calayyan Formation	Mudstone	Dolerite	Dolerite
Basic Tuff	Land Slide	Talus	
Doleritic Basalt	Strike and Dip	Joint	
Basalt Lava	Fault	Fault	
Calcareous Mudstone	Mineralization Zone	Drilling Point	
Alamagac Formation	Dacitic Pyroclastics	Purple Dacite	
Green Dacite	Purple Dacite		
Dacitic Pyroclastics			
Dacitic Pyroclastics			
Dacitic Pyroclastics			
Dacite lava			



PL 2
 REPORT
 ON
 THE MINERAL EXPLORATION
 IN
 THE HOPA AREA,
 PHASE II
 GEOLOGICAL CROSS SECTION OF THE TUNCA AREA
 (SCALE 1: 2,500)

JAPAN INTERNATIONAL COOPERATION AGENCY
 METAL MINING AGENCY OF JAPAN
 JANUARY 2004



Legend

Hamidiya Formation	Sediment	Intrusive Rocks	Porphyritic Dacite
Sivrikaya Formation	Mudstone	Porphyritic Dacite	Biotite Dacite
Çağlayan Formation	Mudstone	Dolerite	Doleritic Basalt
Alamaç Formation	Dacitic Pyroclastics	Land Slide	Basalt Lava
	Green Dacite		Calcareous Mudstone
	Purple Dacite		Dacitic Pyroclastics
	Dacitic Pyroclastics		Dacitic Pyroclastics
	Dacitic Pyroclastics		Dacitic Pyroclastics
	Dacitic Pyroclastics		Dacite lava

Additional Legend:
 □ Talus
 10° Strike and Dip
 30° Joint
 --- Fault
 Mineralization Zone
 ● Drilling Point