

GLG310 mapping area

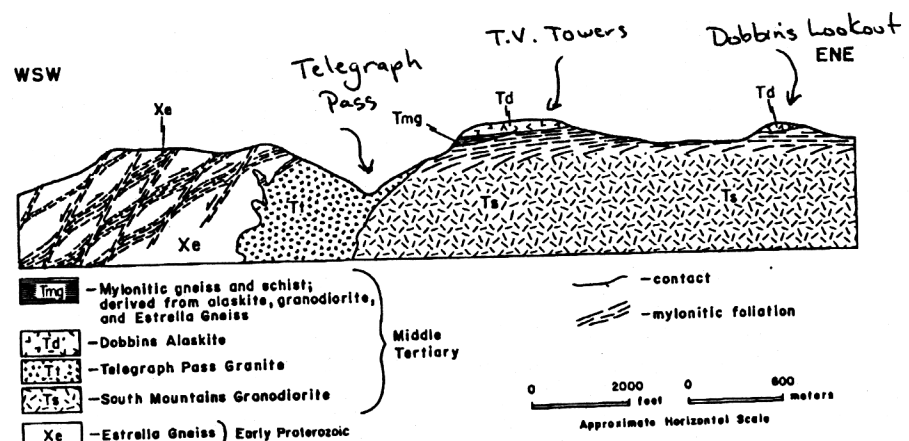
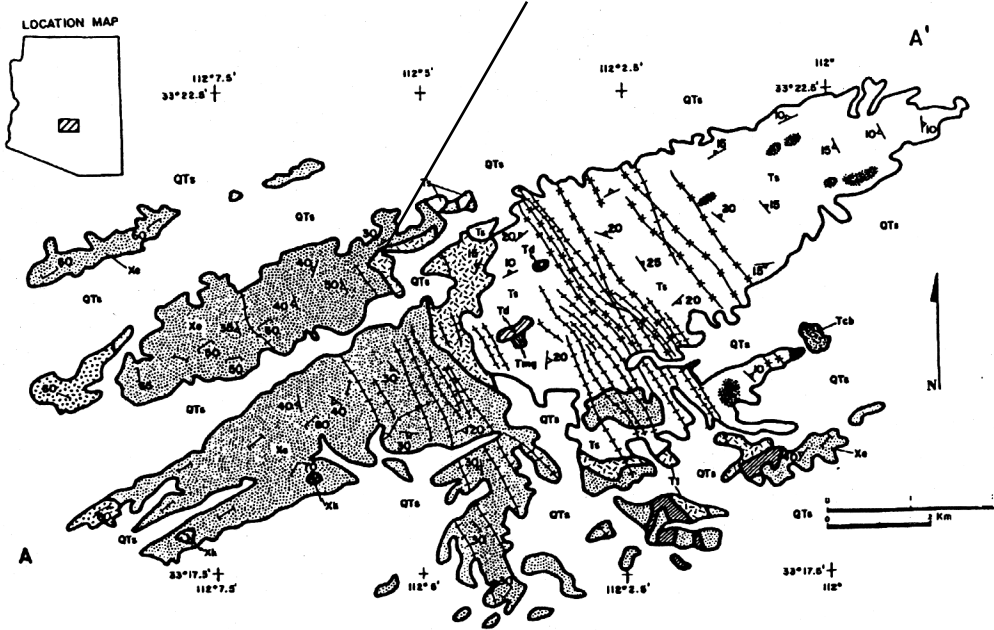
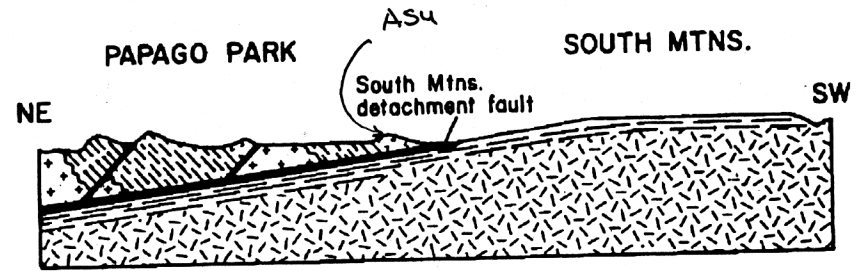


Figure 3. Schematic cross section of Telegraph Pass (Stop 3), Mount Suppos (the high central peak), and Dobbin's Lookout (the eastern peak of alaskite; Stop 1). Mylonitic front (Stop 3) is shown schematically in Proterozoic Estrella Gneiss (modified from Reynolds, 1985).

ROCK UNITS		SYMBOLS	
Quaternary and Late Tertiary	QTs - surficial deposits	- contact	
	chertic breccia	++ - intermediate to felsic dike of middle Tertiary age	
	mylonitic gneiss and schist	- microdiorite dike of middle Tertiary age	
Middle Tertiary	Td - Dobbin's Alaskite	60 - strike and dip of Proterozoic crystalloblastic foliation	
	Tg - Telegraph Pass Granite	20 - strike and dip of mylonitic foliation	
	Ts - South Mountains Granodiorite	- strike of vertical crystalloblastic foliation	
Early Proterozoic	Tcb - Komatka Granite	- Estrella Gneiss in upper plate of detachment fault	
	Xe - Estrella Gneiss		



UPPER-PLATE PROTEROZOIC CRYSTALLINE ROCKS AND MIDDLE TERTIARY SEDIMENTARY AND VOLCANIC ROCKS

LOWER-PLATE ROCKS WITH TERTIARY MYLONITIC FABRIC

Figure 4. Schematic, interpretive cross section showing relation between South Mountains detachment fault and upper-plate rocks in Papago Park (Stop 5).

