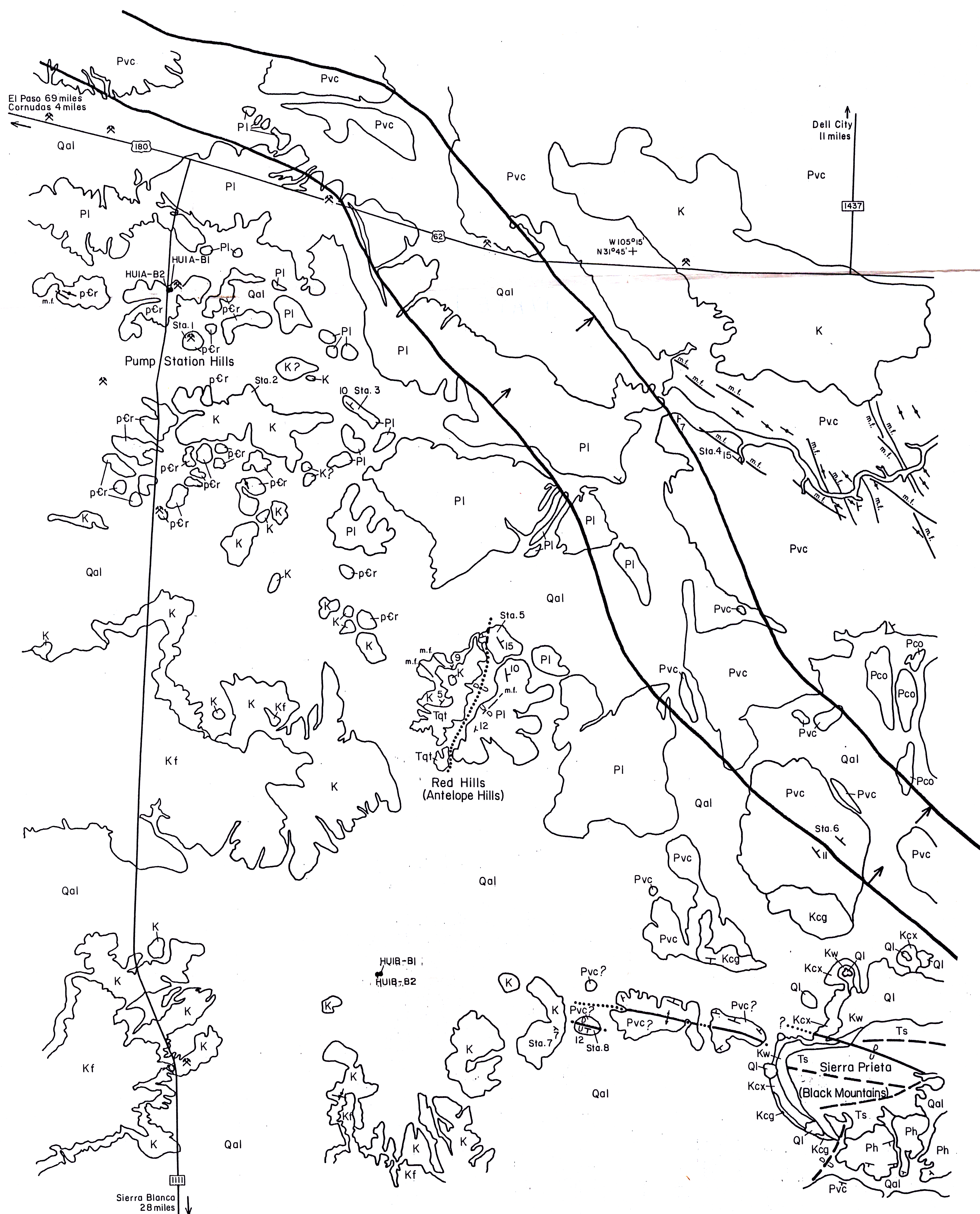


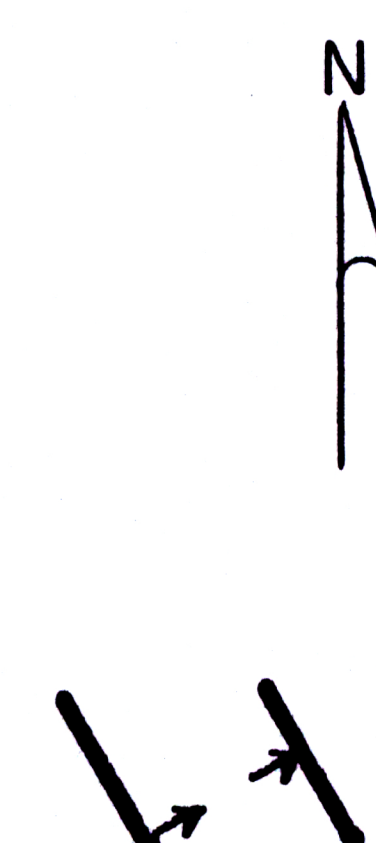
Plate. Geologic map of the Pump Station Hills area, Hudspeth County, Texas



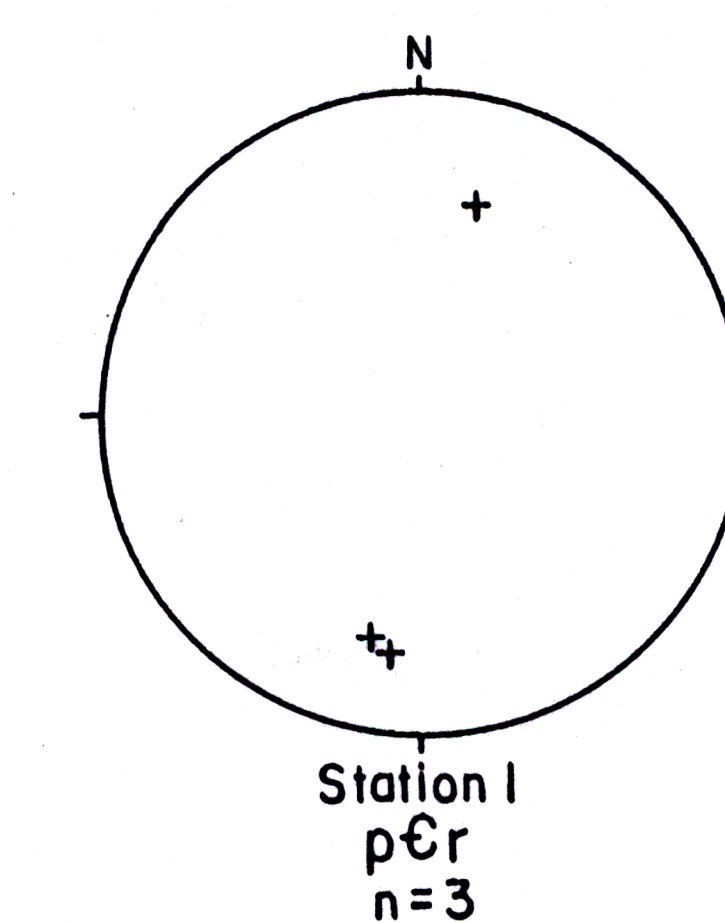
EXPLANATION

Quaternary	Qal Alluvium	Permian	PI Leonardian rocks undivided
	Ql Landslide deposit		Pco Cutoff Shale
Tertiary	Tqt Quartz-trachyte		Pvc Victorio Peak Limestone
	Ts Syenite		Ph Hueco Limestone
	K Cretaceous rocks undivided	Precambrian	pCr Rhyolite porphyry
	Kw Washita Group		HUIB-B1 Site location - test-hole number
Cretaceous	Kf Finlay Formation		Sta. 8 Station for fracture measurements
	Kcx Cox Sandstone		T10 Strike and dip of beds; aerial photograph interpretations show strike and dip direction of beds
	Kcg Campgrande Formation		

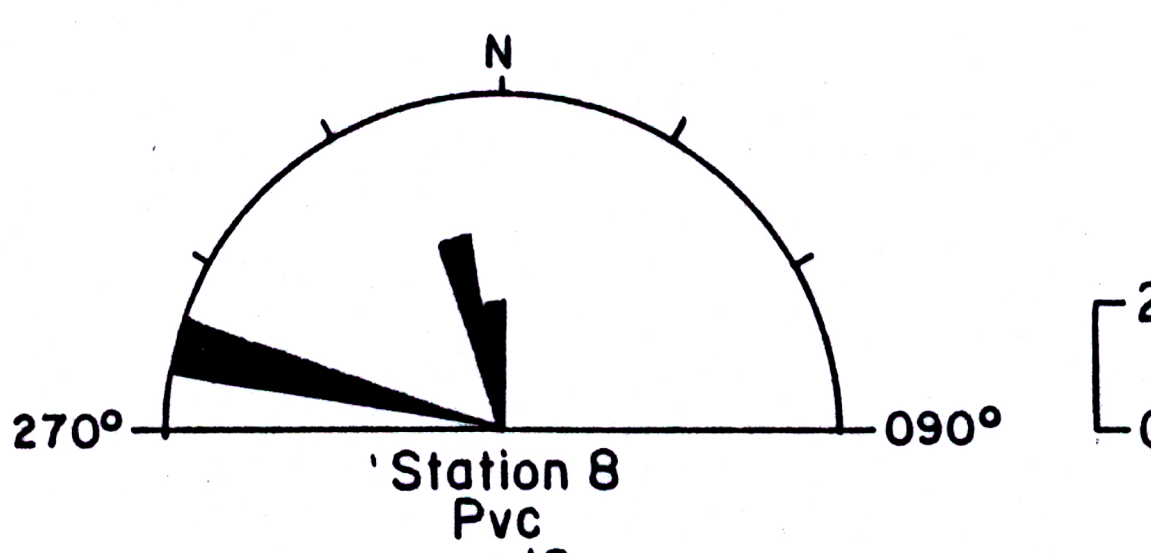
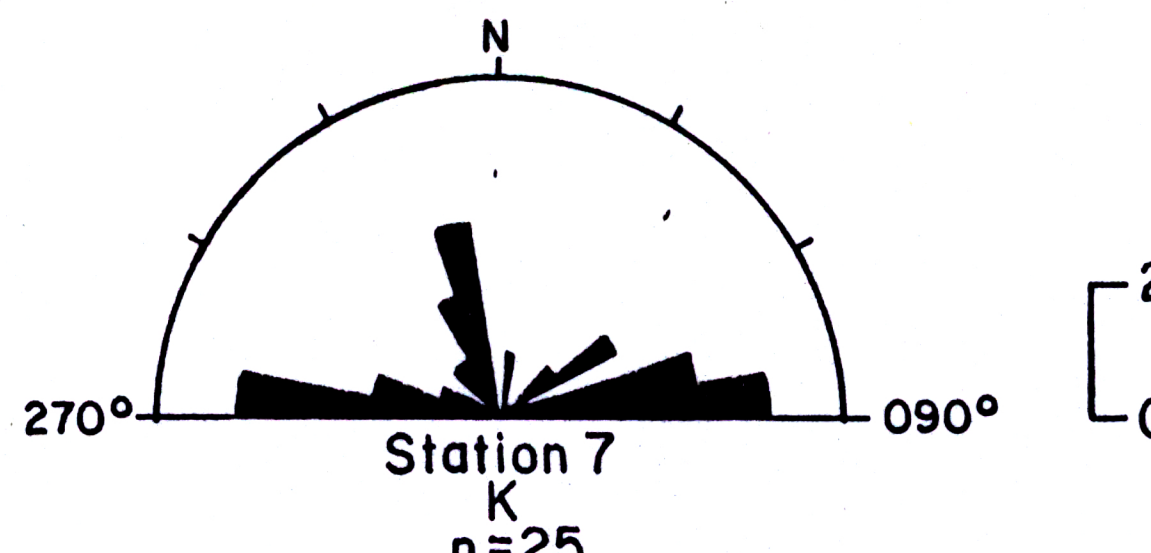
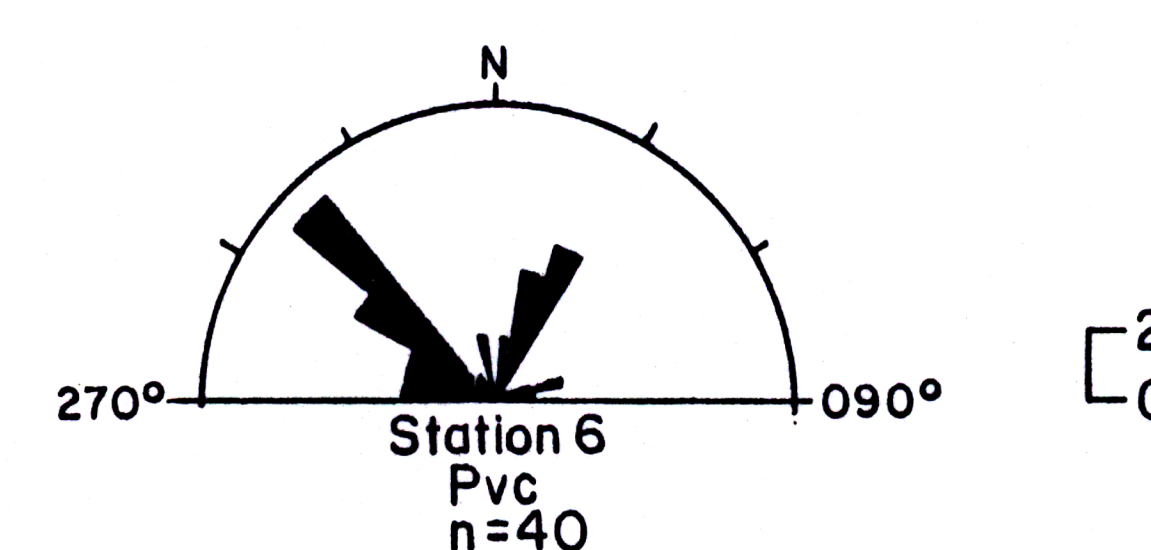
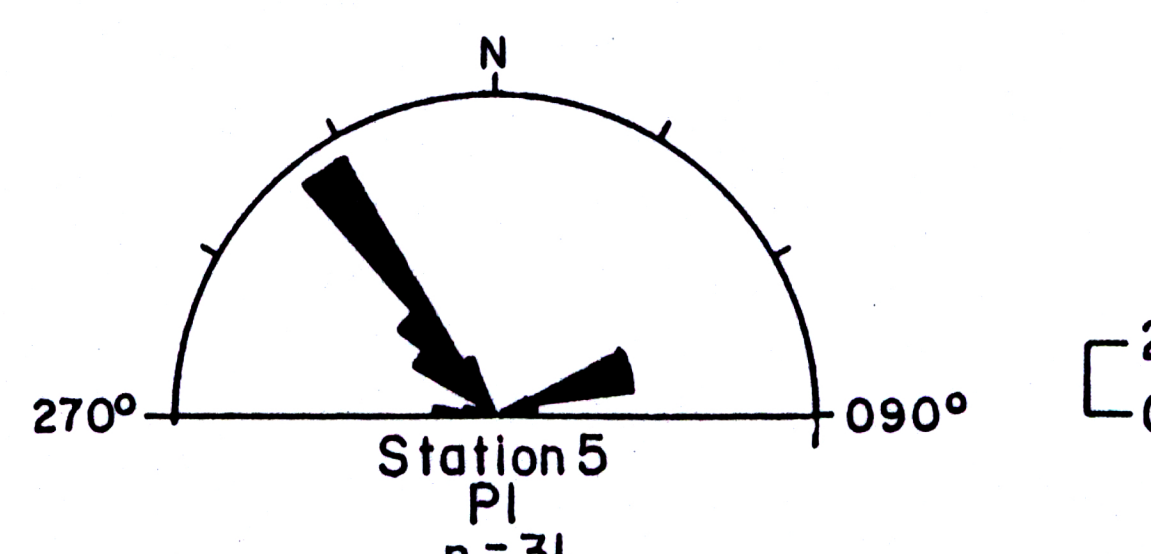
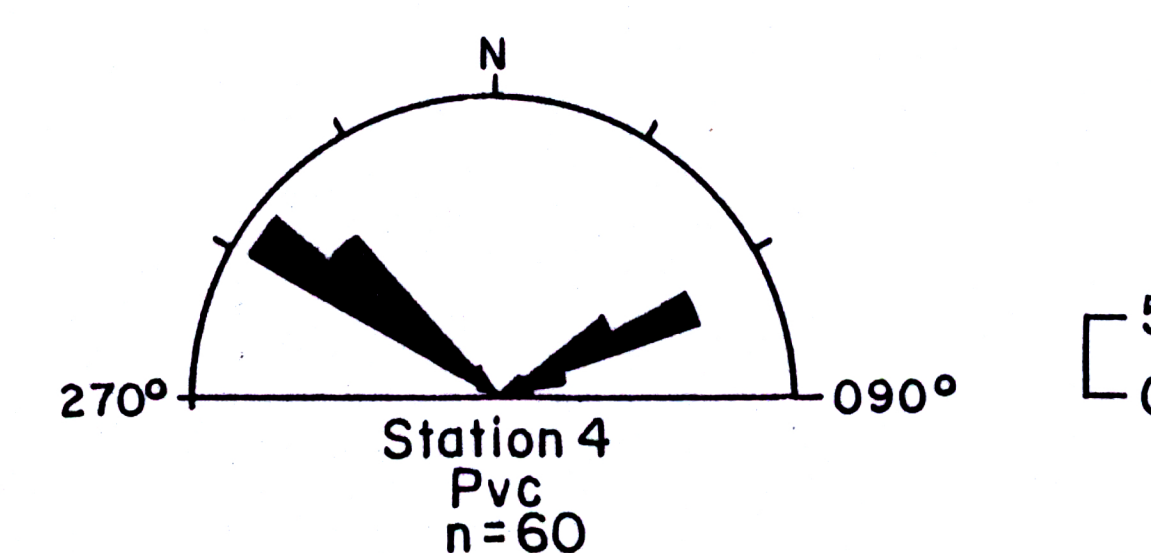
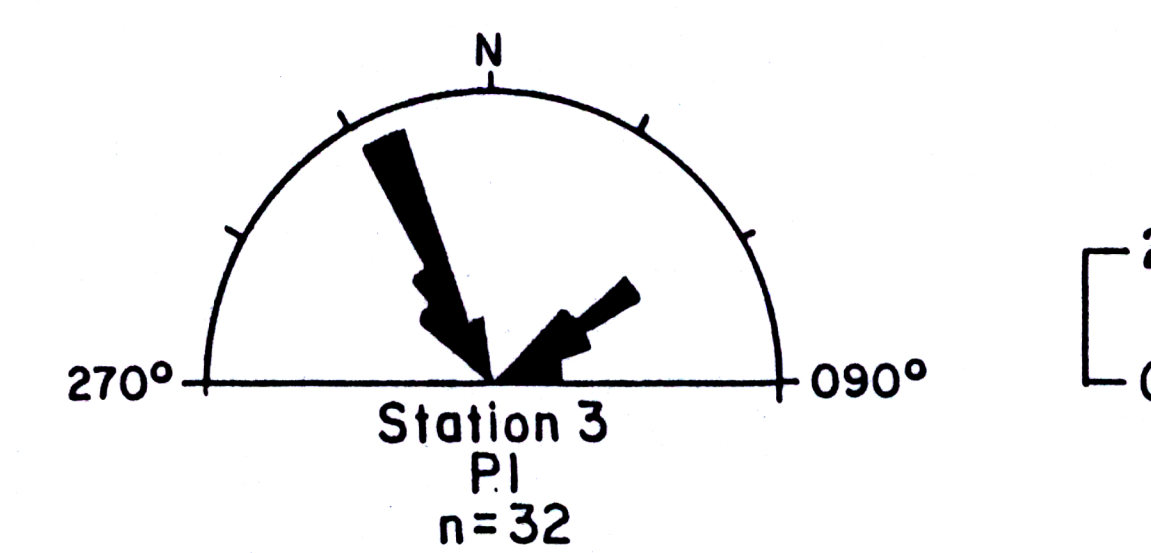
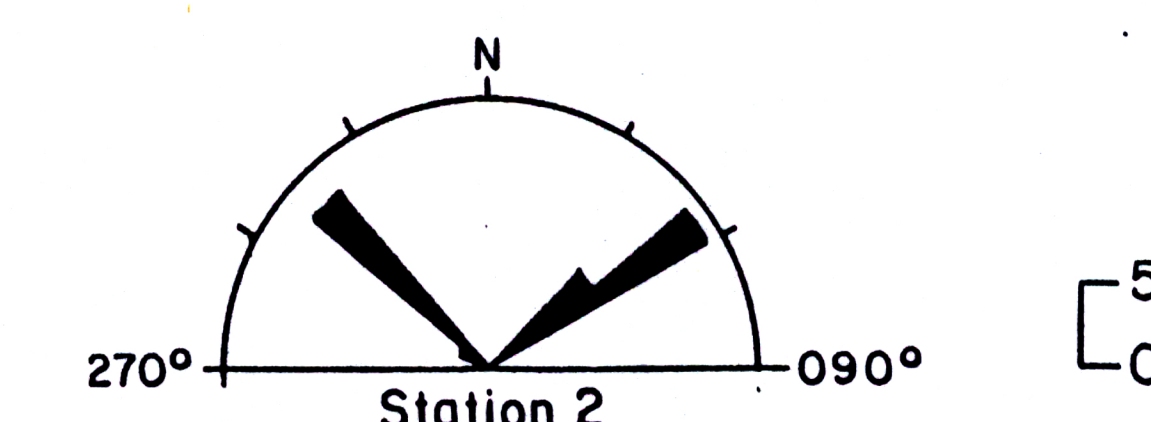
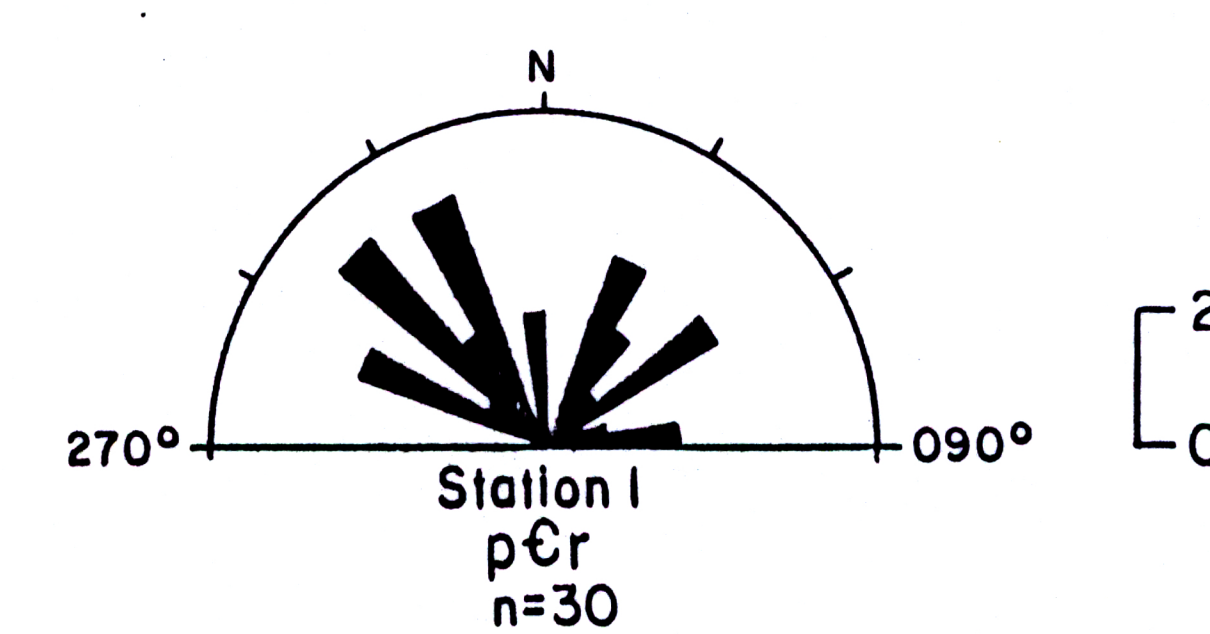
- Fault; dashed where approximately located; dotted where concealed
- Minor fault, flexure or fracture zone recognized on aerial photographs in areas of well-exposed bedrock
- Anticline; dotted where concealed
- Strike of joints interpreted from aerial photographs
- Pit or quarry



Equal-area net plot of poles to minor normal faults



Rose diagrams of joint strikes



EXPLANATION

n=Number of measurements  
2 number of measurements per 10° interval  
0

Geology from aerial photographs and field mapping  
Barnes (1983), King (1965), Sullins (1971),  
Hodges (1975) and King (1949)