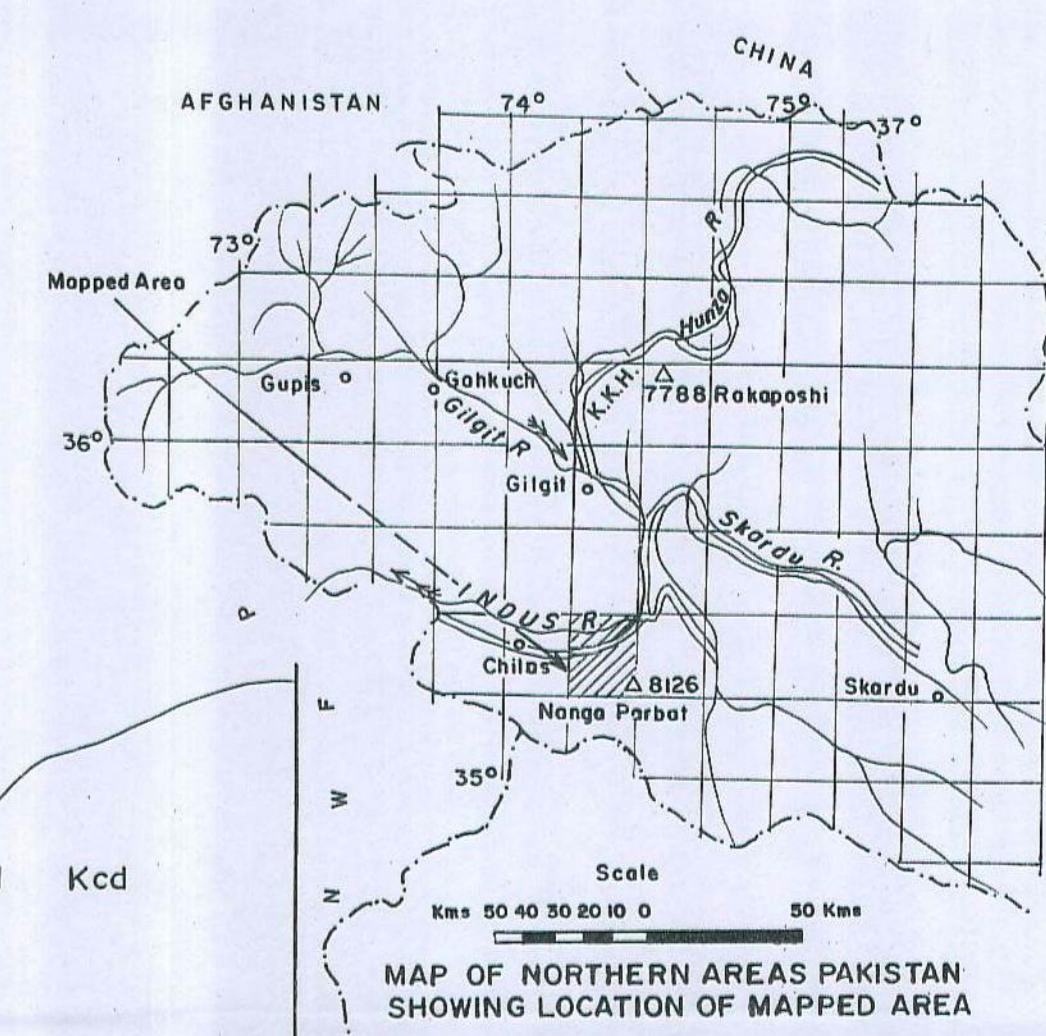
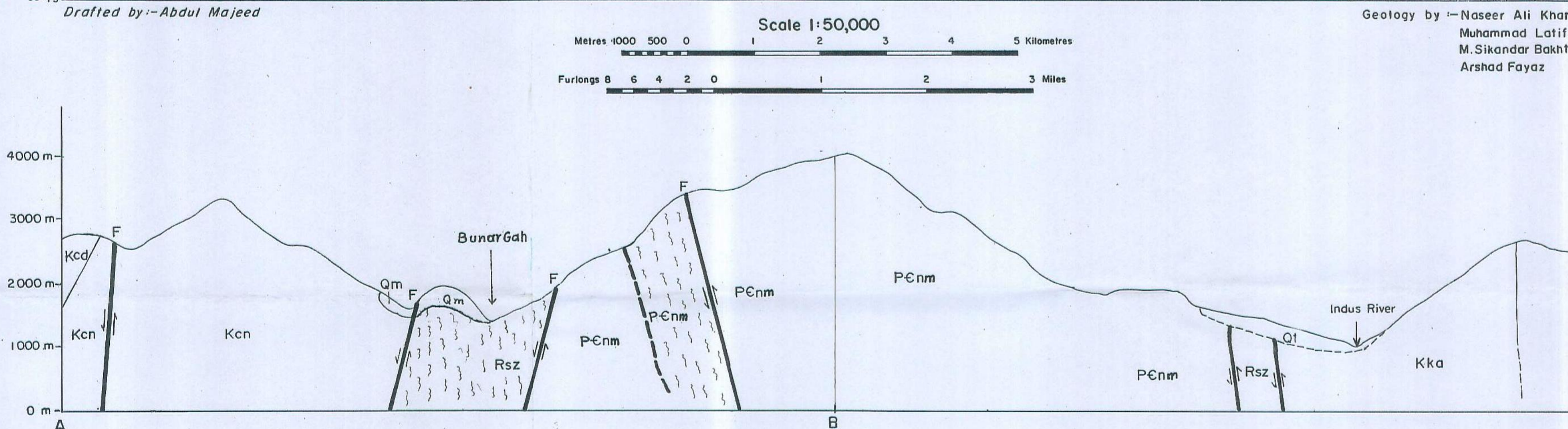




LEGEND

Cenozoic	Quaternary	Qa	Alluvium
		Qs	Scree & talus
Pliocene to Sub-Recent	Q1	Terraces	
	Qm	Moraine and glacio-fluvial deposits	
Tertiary	Pliocene to Miocene	Qj	Jalipur Molasse
		T1	Leucodikes and sills of tonalite, tourmaline garnet granite, pegmatite and apatite
Mesozoic	Cretaceous	KOHISTAN ISLAND ARC KOHISTAN BATHOLITH	
		Tdq	Quartz-diorite
Early to Late Cretaceous		CHILAS COMPLEX	
		Kb	Basic dykes (metadolerite dykes)
		Kcd	Diorites mostly biotite diorite, pyroxene quartz diorite and tonalite
		Kcn	Norite
		Kcg	Gabbro
		Kcl	Layered mixed rocks comprising gabbro-norite, diorite trectolite, anorthosites and mafic pegmatites.
Early Cretaceous		Kcu	Ultramafic rocks peridotite, pyroxenite and anorthosites.
		AMPHIBOLITES	
Paleozoic	Cambrian	Kka	Kiner amphibolites (Northern)
		K1a	Thak amphibolites (Southern)
Proterozoic	Pre-Cambrian	RAIKOT SHEAR ZONE/ MAIN MANTLE THRUSTZONE	
		Rsz	Actinolite schist, epidote amphibolite and green schist
		INDIAN PLATE	
		€a	Amphibolite dykes
		NANGA PARBAT GROUP	
		€ng	Nanga Parbat granitoid consists of biotite granite, granodiorite and quartz biotite monzonite.
		P€no	Orthogneiss associated with paragneiss and biotite schist.
		P€nm	Nanga Parbat meta-sediments mostly paragneisses and augen gneisses biotite schist associated with lenses of marble, amphibolite and quartzite.
GEOLOGICAL SYMBOLS			
Thrust, dashed where inferred		Strike slip fault dotted where concealed	
Fault, dashed where inferred		Contacts dashed where inferred	
Gradational contact.		Foliation	
Foliation with lineation		Foliation with microfolds axis and plunge	
Anticline with direction of plunge		Syncline with direction of plunge	
Line of section		Pb, Zn, Mn Mineral Traces	
Shear Zones		Ag, Au. X (lead, Zinc, manganese, silver, gold)	
NON-GEOLOGICAL SYMBOLS			
KKH		Metalled road	
Glacier		Unmetalled road	
4600		Height in metres	
		Nala (Gah)	



GEOLOGICAL MAP OF THE GUNAR QUADRANGLE (43-1/7), DIAMIR DISTRICT, NORTHERN AREAS, PAKISTAN.