

Legend

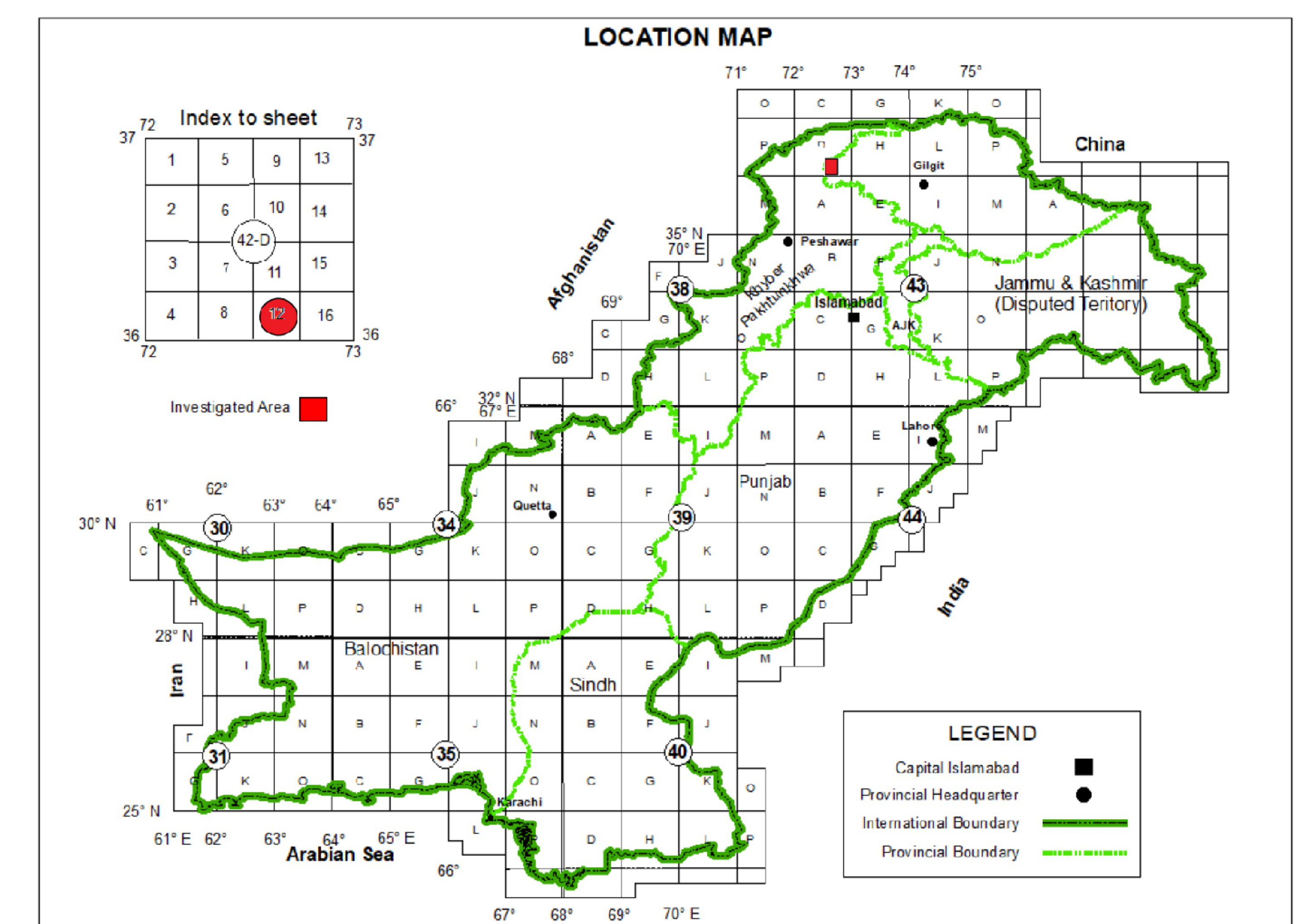
Quaternary	Qs	Unconsolidated loose material on slopes comprised of clay, silt, sand and gravels of variable size.	
	Scree		
	Qa	Silt, clay and fine sand accumulated near the water channel due to flooding.	
	Alluvium		
	Qf	Fan shaped deposits at the mouth of streams comprised of fine to coarse grained materials.	
	Alluvial Fans		
	Qm	Consolidated and unconsolidated material consisting of sand, silt, clay and rock fragments accumulated due to glacial activity.	
	Morrains		
	Eocene-Oligocene	Tkb	Light coloured, fine to medium grained Leucocratic granite pinching at the top of MKT melange zone.
		Umlsat Pluton	
Mkt		Green tuffs and lavas with meta-volcanics and lenses of serpentinite and dark green phyllites interlayered with slates at places.	
MKT Melange Zone			
Tsv		Undeformed and comprised of rhyolite, dacite, volcanics tuff. At some places, shales and siltstone are also present at the top of this unit.	
Cretaceous-Paleocene	Shemron Volcanics Group		
	Tkbb	Light-colored fine to medium grained leucocratic granite and granodiorite with major composition of quartz, feldspar, biotite and tourmaline.	
	Granite & Granodiorite		
	Tkkl	Dark colored, medium to coarse grained diorite	
	Diorite		
Cretaceous	Tkkg	Dark green to dark grey, medium to massive bedded Para-gneisses with migmatites interlayered at places	
	Gneiss		
	Mesozoic	Ky	Low-grade slates of green and grey color, with green-schists, sandstone and light-colored limestone.
		Yasin Group	
		Kgs	Highly deformed volcanics which are predominantly andesitic and basalts with minor agglomerates, tuff, and volcanic breccias; while the metasediments are marble with minor quartzite
Chalt Volcanics Group			
Pd	Dark grey to dark green, thin to medium bedded slates, Phyllites, Schists and quartzite with some minor beds of marble interbedded at places.		
Darkot Group			

Geological Symbols

- Section Line
- Orientation
- Contact
- Inferred Contact
- Syncline
- Thrust

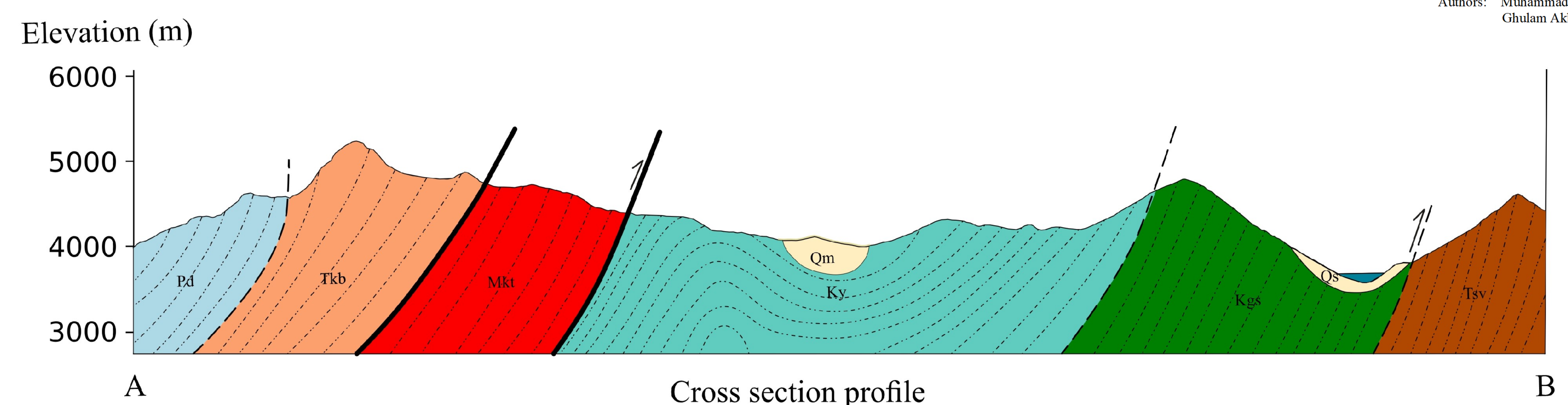
Non-Geological Symbols

- Height
- Town
- Gilgit-Chitral Road
- Glacier
- River



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**Geological Map of Shandoor Quadrangle 42D/12,
District Ghizer and Chitral, Gilgit Baltistan, 2023**