



LEGEND

- Quaternary
 - Sub-recent- Q1 Terraces (Q1) differentiated as sand(Qts) rocky/gravel (Qtg) vertical (Qrv), Scree (Qs)
 - Pleistocene- Qm, Qgf Moraine (Qm); Glaciofluvial deposits (Qgf)
 - Pliocene- Tm Molasse deposits.
 - Kohistan Arc Batholith**
 - Oligocene to Miocene
 - Ts Acidic dykes swarm: acidic pegmatites, aplite, microgranite, microgranodiorite, quartzofelspathic veins, quartz veins.
 - Tb Basic dykes/sills.
 - Pliocene to Lr. Eocene
 - Tg Granite.
 - Tgr Granodiorite.
 - Tqd Quartz Diorite.
 - Td Diorite.
 - Late Cretaceous (Albian)
 - Ko Orthogneiss
 - Ku Hornblendite
 - Volcanogenics**
 - Early Cretaceous
 - Kv Intermediate and basic volcanics.
 - ka Massive amphibolite (greenstone)
 - kt Tuffaceous slate/volcanosediments.
 - Metasediments of the Island Arc.**
 - Jurassic to Mid. Cretaceous
 - Jkm Marble, and metamorphosed limestone.
 - Jks Schistose rocks with subordinate undivided migmatite, para-gneiss, para-amphibolite, quartzite, slate, phyllite and thin marble bands.
 - Mix zone
 - Tgr, Tg, Jks Mix granite, granodiorite and metasediments.
 - Metasediments of the Indian Mass**
 - Peg Meta-amphibolite dykes
 - Pre-Cambrian
 - Pes Gneissic schist and biotite gneiss (para-)slightly augen-type.
 - Peg Augen gneiss (Nanga Parbat gneiss)
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- MMT - Main Mantle Thrust (MMT) zone/ Indus suture zone
 - 45° - Foliation, with trend
 - Vertical foliation
 - 20° - Lineation
 - F - Fault
 - Vertical fault, showing up thrown and down thrown sides.
 - Fault, broken where concealed under Quaternary deposits.
 - Thrust block
 - Sulphide zones along faults and cracks.
 - 55° - Plunging syncline, with amount of plunge.
 - Gradational contact
 - Contact, dashed where probable
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- A-B - Cross-section Line.
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- Non- Geological/Geomorphological Symbols**
 - + - Spring
 - L - Lake
 - GL - Extinct glacial lake
 - D, D' - Drumlins, arrow showing direction of movement, and Esker between two drumlins
 - River and tributaries
 - KKH - Metalled road and Karakoram Highway (KKH)
 - Un metalled road.
 - 15323 - Height (in feet)

FIG. I GEOLOGICAL MAP OF JAGLOT-BUNJI QUADRANGLE (43/10), NORTHERN AREAS, PAKISTAN.