

**GENERALIZED GEOLOGICAL SUCCESSION OF ARCHAEOAN
PALAEO-PROTEROZOIC ROCKS OF TELANGANA**

Era	Super Group	Group	Intrusive	Lithology
PALAEO- PROTEROZOIC TO ARCHAEOAN	EASTERN GHAT (1850- 1950 Ma)		MAFIC DYKES	Dolerite, gabbro and pyroxenite
			YOUNGER GRANITOIDS (2500 Ma)	Granite, alkali feldspar granite, quartz syenite Grey to pink granite and granodiorite Closepet Granite
		MIGMATITE		Migmatitic Gneisses
		CHARNOCKITE		Pyroxene Granulites Calc Granulites
		KHONDALITE		Garnet Sillimanite Gneiss, Quartzite Graphite Gneiss
		KARIMNAGAR GRANULITES (2550 Ma)		Migmatites (banded gneisses, garnetiferous quartzo feldspathic gneisses, hypersthene gneiss, quartzofeldspathic granulites)
	PENINSULAR GNEISSIC COMPLEX	Peninsular Gneiss-II (2550-2600 Ma)		Granite Gneiss, Granite, and it's variants with enclaves of Dharwars
ARCHAEOAN	DHARWAR (2900 ma)	Ghanpur Yerraballi Peddavuru Gadwal Khammam		Amphibolite, hornblende schist, chlorite-actinolite schist, quartz- sericite/chlorite schist, biotite- chlorite schist, garnetbiotite schist, kyanite schist, banded ferruginous quartzite, metapyroxinite, metagabbro, meta-anorthoiste, serpentinite and talc-termolite schist

				(metamorphosed volcanogenic and sedimentary rocks), Chimalpahad gabbro anorthosite complex and other mafic-ultramafic rocks
	PENINSULAR GNEISSIC COMPLEX	Peninsular Gneiss-I (3000 Ma)		Aplite, quartz vein, pegmatite granite, granodiorite, tonalite with enclaves of Sargurs.
		OLDER METAMORPHICS (SARGURS) (Seen as enclaves in PGC-I) (3300 Ma)		Garnet-biotite schist/gneisses, biotite-staurolite schist, kyanite-muscovite schist/ quartz, amphibolite+ garnet and banded ferruginous quartzite