





# TROODOS TERRANE (TROODOS OPHIOLITE)

## OLYMPUS (AXIS) SEQUENCE

Ku	Hydrothermal and deep-water sediments; umbers, manganoan shales, pink radiolarian shales and mudstones	Perapedhi	UPPER CRETACEOUS (Campanian)	UPPER CRETACEOUS (Upper Cenomanian - Lower Campanian)
UPL	Olivine - and pyroxene- phyric, pillow lavas with occasional sheet flows, dykes. and hyaloclastites, commonly altered to zeolite facies	Upper Pillow Lavas		
LPL	Pillowed and sheet lava flows with abundant dykes and sills, altered to zeolite facies and in places stained with green celadonite	Lower Pillow Lavas	} VOLCANIC SEQUENCE	
BG	Diabase dykes (>50%) with pillow lava screens, altered to greenschist facies	Basal Group	} INTRUSIVE SEQUENCE	
Db	Diabase dykes upto 3m wide, aphyric and clinopyroxene- and plagioclase-phyric altered to greenschist facies	Sheeted Dykes (Diabase)		
γ	Trondhjemites, granophyres, diorites, quartz-diorites and micro-granodiorites	Plagiogranite	} PLUTONIC SEQUENCE	
δ	Isotropic gabbros, urallite gabbros, olivine gabbros and layered melagabbros	Gabbro		
σ <sub>4</sub>	Websterites, clinopyroxenites, orthopyroxenites, and plagioclase-bearing pyroxenites	Pyroxenite		
σ <sub>3</sub>	Wehrlites and plagioclase-bearing wehrlites, massive or layered	Wehrlite		
σ <sub>2</sub>	Dunites with subordinate clinopyroxene-dunites	Dunite		
σ <sub>1</sub>	Tectonized harzburgites with minor dunites and lherzolites	Harzburgite	} MANTLE SEQUENCE	
σ	Pervasively serpentinized, tectonized harzburgites with minor dunites and lherzolites	Serpentinite		