

PEDAVEEDU WEST BLOCK PETROGRAPHIC STUDY RESULTS

Sl. No.	Sample Number & Location	Texture	Mineral Composition			Description
			Major >5%	Minor <5%->1%	Accessory <1%	
1	MPWB-PG-01	It is a light grey coloured very fine grained massive rock showing crude foliation. It reacts instantly with cold and dilute HCl.	Calcite Quartz	Opaques	Sericite	The specimen is made up of very fine micro-crystalline aggregates of micrite showing crude parallel alignment. Quartz occurs as very fine anhedral and elongated grains, streaky aggregates and as lensoidal clusters showing parallel alignment. Opaques are present as very fine disseminated specks. Sericite is noted as very fine flakes in accessories. The specimen is a <u>foliated impure micritic limestone.</u>
2	MPWB-PG-02	It is a light grey coloured very fine grained massive rock showing crude foliation. It reacts instantly with cold and dilute HCl.	Calcite Quartz	Opaques	Clay minerals Sericite Chlorite	Calcite occurs as very fine micro-crystalline micritic aggregates showing crude parallel alignment. Sparry patches are noted in areas, aligned along the foliation. Quartz occurs as very fine to fine anhedral and elongated grains, streaky aggregates and as lensoidal clusters showing parallel alignment. Opaques are seen present as very fine to fine disseminated grains. Very fine hairline clayey fillings are noted along the foliation, at places. Sericite and chlorite are observed as very fine flakes in accessories. The specimen is a <u>foliated impure micritic limestone.</u>