

29735

226.5

cb.
rock.

(T.S. 30978) K-stain negative.

This is a dolomitic psammopelite } "grading" from a fine sandy siltstone to silty fine sandstone.

The framework is weakly bedded, mainly in respect of a dimensional orientation of clastic particles, and comprises around 60 % of the rock. Angular to subangular quartz is the main clastic component (approx. 60 %) with subordinate muscovite flakes (30 %) and poorly defined shale pellets (10 %). These are accompanied by a sparse detrital heavy mineral assemblage of leucoxenic semi-opaques, rare tourmaline and very rare zircon.

The matrix consists of weakly recrystallized, incipiently chlorite-stained illite-hydromuscovite and microcrystalline dolomite in varying proportions. The carbonate has a semi-banded distribution and is of diagenetic origin, developing partly by replacement of the argillaceous matrix and shale pellets. Locally, dolomite is weakly stained with very fine particles of authigenic albite.

The rock is weakly carbonaceous and includes thinly disseminated pyrite of recrystallized, syngenetic character. Incipient carbonate veining has developed. There are no metasomatic alteration effects.

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