

“Monte Serra” Tectonic Unit
Formazione delle Quarziti del Monte Serra - Membro delle Quarziti Verdi (QMS2)

Carnian

Fining-upward sequences consisting of grey, greenish-grey quartz metasandstone organized in medium to thick layers with wedge-shaped cross-layering and cross-layered green phyllite laminae. *Sedimentary facies: beach environment.*

Outcrop along the SP56 road in the locality of “Le Porte”
(Monte Pisano Hiking trails map).



Monotonous sequence of grey-green quartzite with locally purplish levels. Centimetre to decimetre thick (2 - 15 cm) coarse-grained layers, roughly foliated with locally preserved cross-stratification (circled area).

MP8

43°44'10.11"N, 10°32'16.90"E



5.2 cm

Roughly foliated fine-grained quartzite with mostly equigranular rounded quartz grains. Detrital muscovite grains are visible on the foliation plane. The textural and compositional features of the sedimentary protolith are well preserved.