

**“Santa Maria del Giudice” Tectonic Unit**

**Scisti di San Lorenzo (LOR)**

*Late Carboniferous -Early Permian*

*Rhythmic sequences of metre thickness made up from bottom to top by thin graphitic levels, black graphitic phyllite with plant remains and thick layers of medium-fine quartz-micaceous metasandstone and fine-grained quartzitic metaconglomerate characterized by a weak crossed stratification and from rare faunas to lamellibranchs. Sedimentary facies: marine coastal followed by continental deposit.*

San Lorenzo a Vaccoli, road to Monte Vignale (Via del Vescovo), outcrop located at the bottom of the valley.



Light brown-grey slate with yellowish patinas, finely laminated in decimetre thick levels, alternating with centimetre and discontinuous levels of fine-grained metasandstone and metaconglomerate.

**MP2A**

43°47'44.39"N, 10°29'33.33"E



Finely laminated light brown grey phyllite consisting of phyllosilicate layers. Alteration yellowish surfaces along the foliation planes.



Finely foliated phyllosilicate rich layers containing very fine grained (0.02 mm) quartz grains, parallel to foliation.  
scale bar: 0.5 mm