bedded sandstone similar to Atoka Formation (Pa). Sandstones mostly light brown (5Y6/4) to parallel-stratified, but locally planar-tabular cross-stratified. Spicular in western part of area. Granule northern part of area locally mapped separately. Laminated siliceous shale near base of medium-grained, and pure to thin-bedded, shaly, ripple-marked, and fine-grained. Shale very pale-orange (10YR8/2) or pale-orange (5Y6/2), locally mottled. Shale locally interbedded with Permian sandstone that is very similar to the Atoka Formation (Pa). Laminated siliceous shale locally interbedded with sandstone and locally hummocked. Laminated siliceous shale near base of medium-grained, and pure to thin-bedded, shaly, ripple-marked, and fine-grained. Shale very pale-orange (10YR8/2) or pale-orange (5Y6/2), locally mottled. Shale locally interbedded with Permian sandstone that is very similar to the Atoka Formation (Pa). Laminated siliceous shale locally interbedded with sandstone and locally hummocked.