

chlorite and microcrystalline quartz are up to 2 mm long and it is possible that at least some of these were once fragments of volcanic rock. Some contain calcite and/or sulphide and a few contain translucent ?sphalerite. Parts of this fine-grained sericitic schist have been invaded by calcite which now forms elongate and irregular patches and discontinuous veins. These are cut by a later calcite vein which is at a high angle to the schistosity and, along much of its lengths this calcite vein contains, and is cut by a very thin, later vein of a carbonate which does not stain with alizarin red-S and is not calcite. It may be dolomite or an iron-bearing carbonate.

Very few small grains of zircon were found in the rock, one of them in the finer-grained schist.

Conclusion:

Quartz-sericite-chlorite schist which may once have contained a thin layer of shale interbedded with coarser-grained, volcanoclastic or pyroclastic sediment. There is some calcite and minor sulphide possibly including a trace of sphalerite.