

the disrupted quartz crystals have been filled by chlorite and locally by quartz showing pressure shadow textures. Where isolated large pyrite crystals are scattered through parts of the schist these are also fringed with quartz showing pressure shadow textures. One of these larger pyrite crystals has a central zone containing porous ?leucoxene about 0.5 mm in size and in this same zone of rock there are a few other aggregates of leucoxene up to 0.5 mm in size suggesting that there could once have been a few moderately large crystals of iron-titanium oxide in this area.

The deformed schist is cut by an irregular, very thin vein of calcite and there are traces of calcite in some of the coarser-grained quartz in the deformed band containing pyrite and quartz.

Conclusion:

This could now be described as a deformed and sheared, pyritic, quartz-chlorite-sericite schist in which original textures are not preserved. In some zones textures suggest that this is more likely to have been derived from a fine-grained sediment than an igneous rock but in one area there are a few leucoxene grains 0.5 mm in size and their presence does not suggest a fine-grained sediment. There is insufficient evidence from which to determine the origin of this rock.