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T W Reader geological photographs, long excursions 1914. Part 1 - index, Geologists' Association 'Carreck Archive'

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North Cornwall Excursion, April, 1914

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- [Page 31 P804147](#) Grey Lake Quarry, Camelford. North Cornwall, April 12th 1914. This rock is a grey porphyritic quartz felsite being coarse grained in the centre with large phenocrysts of pink and yellowish orthoclase feldspar crystals but at its contact with the granite or sediment it is a very fine grained crypto crystalline rock which shows flow lines and spherulites. [Person].
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- [Page 41 P804165](#) Pentire Head. North Cornwall, April 13th 1914. A Spilite lava flow. This is composed of pillows or sack shaped masses of a round or oval form averaging about 3 feet in diameter. As they were not very fluid the above triangular spaces were left between them which afterwards became filled with chert and crystalline calcite.
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- [Page 63 P804204](#) Cataclews. North Cornwall, April 15th 1914. Minverite Quarry at Cataclews. These rocks are allied to Diabase but are typically non ophitic and rich in Biotite and brown Hornblende. This sill runs from Cataclews Point and Trevone Bay to the left bank of the River Camel at St Saviour's Cove. [People].

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- [Page 63 P804206](#) Cataclews. North Cornwall, April 15th 1914. Sections of Minverite at Cataclews Point. The Minverite occurs as Sills interfolded with slates. It is at Cataclews a rather fine grained holocrystalline aggregate of deep brown hornblende, biotite, serpentinous pseudomorphs after olivine, small crystals of Augite and decomposed feldspars with abundant grains and needles of apatite and iron ores. [Person].
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[Page 77 P804231](#) St Austell Granite, Gready Quarry. North Cornwall, April 16th 1914. These three photographs shew very well the two sets of vertical jointing. No. 146 shews also horizontal jointing.

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