

# Granite and associated rocks of the western Mourne mountains.

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Description: -

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## A Boot and Book Test Drive in the Western Mournes

In this study, we investigate the emplacement mechanism of the Mourne granite pluton using fractures in the granites and the fracture patterns in the host rock as proxies for deformation. Granite often occurs as relatively small, less than 100 km<sup>2</sup> stock masses and in that are often associated with ranges. The mineralogical and chemical features of granite can be explained only by crystal-liquid phase relations, showing that there must have been at least enough melting to mobilize the magma.

## Iodine in granitic and associated rocks

Master craftsman appreciates the landscape.

## Geological Society

A-type granites occur in the Koettlitz Glacier Alkaline Province in the Royal Society Range, Antarctica.

## The Mourne mountains granites, a further study

Journal of the Geological Society of London. All fracture data are given in Supplemental Table S2.

## The Mourne Wall

Phenocrysts are usually alkali feldspar. The , America's first railroad, was built to haul granite from the quarries in , to the in the 1820s.

## Iodine in granitic and associated rocks

A-type granites show a peculiar mineralogy and geochemistry, with particularly high silicon and potassium at the expense of calcium and magnesium and a high content of high field strength cations with a small radius and high electrical charge, such as , , , and.

### **The Ecology of the Mountains of Mourne with Special Reference to Slieve Donard on JSTOR**

These comprise bismutite, russellite, a Bi-bearing, hydrated Fe-W mineral similar to hydrokonoelsmoreite formerly ferritungstite , and an intergrowth of scheelite with an unknown Ca- and Mo-bearing mineral. A granitic rock with a porphyritic texture is known as a granite. The Mourne are visited by many tourists, hillwalkers, cyclists and rock climbers.

### **The Mourne mountains granites, a further study**

Based on the subhorizontal NNE-SSW trends, magnetic lineation, and contact parallel magnetic foliation in the Western Mourne pluton, favored an emplacement scenario where all the Mourne granites were fed from the SW. The first trees, primarily sitka spruce, douglas fir and pine, were planted in 1931.

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