The purpose of the maps in this series is to show the broad distribution of those mineral resources which may be of current or potential economic significance in Clackmannanshire. The maps are intended to be used alongside a detailed evaluation programme for the identification of areas shown on the map.

Other igneous rocks, including basalts, are present in Clackmannanshire. The most significant of these is the Valley Sill Complex. These are of various thicknesses (30-150 m) but are relatively homogeneous and fresh. The active quarries produce crushed rock aggregate.

The economic potential of specific sites can only be proved by a detailed evaluation programme. The constraints that may limit their working include environmental considerations, land use, and infrastructure. The economic potential of sites is influenced by factors such as location, accessibility, and market demand.

Most facing bricks, engineering bricks, and related clay-based building products are manufactured in large automated factories. These products are essential raw materials for the glass and foundry castings industries, but can also be used in ceramics and chemical applications.

While there are no significant deposits of iron ore, there are small occurrences of ironstone that form part of the geological succession. These ironstones are quarried for aggregate materials and are common rock types in the region.

The potential for coal mining is limited, and most of the workings were on a small scale for agricultural use. It is unlikely that any of the limestone units would be large enough to support significant commercial extraction. However, there are limited resources of limestone in the area, and some are common rock types that are widely extracted for aggregate materials.

In Falkirk and Clackmannanshire limestone resources are limited; there are almost no records of workings in Clackmannanshire apart from the Dunfermline area. The local Duloch and Dunfermline Park (Mill Hill) were worked intermittently at the start of the 20th century. Today, no active building stone quarries remain in Falkirk and Clackmannanshire.

Some of the most significant mineral resources in the region include sand and gravel, gravel and sand, and peat. Sand and gravel deposits are common in the area and are used for construction purposes. Gravel and sand deposits are also important, and they are used for a variety of construction and industrial applications.

Most of these resources are worked by small-scale operations that use traditional methods. However, some of these resources are also extracted by large-scale operations that use modern extraction techniques. The quality of these resources varies, and some are suitable for specific uses while others are more general-purpose.

For the purposes of this document, the potential mining of these resources is only considered where there is a significant economic potential. The evaluation of these resources is ongoing, and new discoveries may be made in the future.