In the past Ordovician greywacke sandstone was quarried from the Tappins Group, near Carlock, for roadstone and similar Lower the microscopic structure of hard mineral grains set in a softer matrix can give rise to high values of PSV which makes good roadstone.

The greywacke sandstones in the southern part of South Ayrshire are marine sedimentary rocks consisting of compact, grey sandstone.

In North Ayrshire, a variety of hard rocks have been quarried in the past and used for aggregates. The early Carboniferous pile of lavas that form the Clyde Plateau Volcanic Formation is a potential source of aggregate but the variable quality of the predominantly basaltic

The mineral resource data presented are based on the best available information, but are not comprehensive and their quality is variable.

The locations of those quarries active in 2007 are shown. In addition former important building stone quarries are also shown. These

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

The altered ultramafic rocks of the Ballantrae Ophiolite in South Ayrshire include chrome spinel as an accessory mineral. The rocks are
gold anomalies. The gold is closely associated with arsenopyrite within zones of sericitised granodiorite. The highest grades (> 1 ppm)

both limestone and dolomite are valued for a range of industrial uses which, like cement manufacture, utilise their chemical properties.
dipping and structurally simple, they can be quarried fairly extensively and economically. Quality depends on the percentage of fresh

UK led to a decline in the industry. Future limestone extraction is likely to be in quarries with moderately thick limestone beds, lying at

Smaller baryte veins near Myres Burn, south of Eaglesham, were formerly exploited. Lead was found in the form of galena within baryte

Many lowland bogs are designated sites of international or national conservation areas.

Sedimentary rocks
Igneous rocks
PEAT
Coal
Local Authority boundary
(Special Areas of Conservation, Special Protection
(National Parks, National Nature Reserves, Sites
National landscape designations

Sandstone

Baryte, lead, silver

DEGRADATION
• Sedimentary and colluvial terrains
• Linear and dendritic channels
• Fire scars
• Agricultural terraces

Sedimentary mudstone

contact address: Scottish Government, Saughton House (J-1 Spur), Edinburgh EH11 3XD. Tel 0131 244 1441, website:

January 2004, BS EN 12620), the term ‘gravel’ indicates material that is coarser than 4 mm, with a maximum size of 80 mm, and the term

The thickest seams, locally

m in thickness. Because the seams were worked in the past in a stoop and room pattern, it is possible that shallow coal resources still

extensively worked and are not now prospective. In the Mauchline Coalfield the deeper coals are no longer prospective.

Ayrshire lies mostly within the late Palaeozoic Midland Valley graben, which has a proven hydrocarbon system and cannel coal from the

No exploration is currently planned for the Ayrshire region. Previously GeoMet UK Ltd held PEDL 073 licence covering the Ayrshi re

Midlothian.