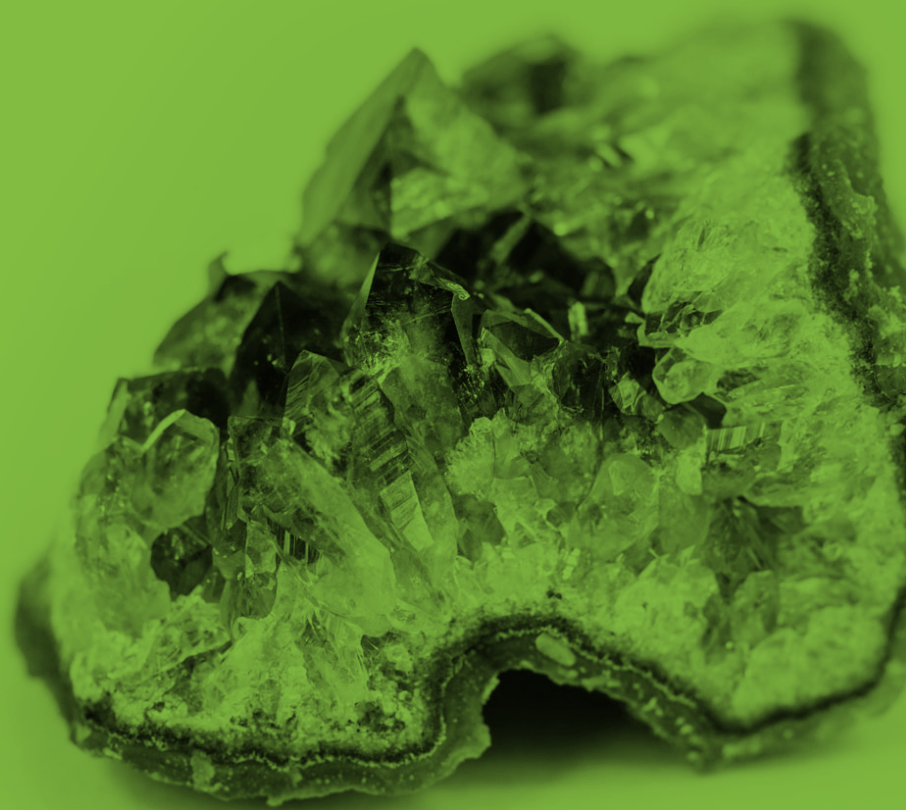


GCSE (9-1)

WJEC Eduqas GCSE (9-1) in  
**GEOLOGY**

Practical Guidance Sheet 7



## GCSE Geology Practical Guidance Sheet 7

Title: The construction and application a classification system/key to identify the named sedimentary rocks

**Specification reference:** 1.3d

Appendix B: refers to the need to apply classification systems.

**Aims:** To construct an identification key for the following sedimentary rocks.  
To apply an identification key for the following sedimentary rocks.

breccia, conglomerate, sandstone, shale, halite, gypsum, limestone

**Apparatus:**

A range of sedimentary rock samples

**Method:**

Learners should each construct their own identification key for the sedimentary rocks listed. The key may then be applied by fellow learners.

**Teacher/Technician notes:**

Factors to be considered in the construction of the identification key may include the presence or absence of grains, grain size, grain shape, sorting, presence or absence of fossils, colour and reaction with cold  $0.5 \text{ mol dm}^{-3}$  hydrochloric acid.

Ideally the rock samples used to devise an identification key by a learner should be different to those used by the same learner in applying another learners' identification key i.e. within the classroom it would be useful if there were two different sets of conglomerates, breccias, sandstones, limestones etc wherever possible.