



**British  
Geological Survey**












NATURAL ENVIRONMENT RESEARCH COUNCIL

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## GEOLOGICAL MAP OF THE UK

(The map shows the major geological units and their principal building stone resources)


### SEDIMENTARY ROCKS

	AGE (millions of years)
 TERTIARY (sandstone (sarsen))	65 my
 CRETACEOUS (UPPER) (chalk and flint)	
 CRETACEOUS (LOWER) (sandstones and limestones)	142 my
 JURASSIC (UPPER) (ooidal limestones)	
 JURASSIC (MIDDLE) (ooidal limestones, sandstones and fissile limestones)	
 JURASSIC (LOWER) (limestones and ironstones)	205 my
 TRIASSIC (sandstone (red and white))	248 my
 PERMIAN (sandstone (red) and dolomitic limestones)	290 my
 CARBONIFEROUS (UPPER) (Coal Measures and Millstone Grit sandstones)	
 CARBONIFEROUS (LOWER) (limestones and sandstones)	354 my
 DEVONIAN (OLD RED SANDSTONE) (sandstone-purple, red and green)	417 my

### METAMORPHIC ROCKS

 LOWER PALAEOZOIC (CAMBRIAN, ORDOVICIAN, SILURIAN) (metamorphic slates-purple, grey and green)	545 my
 PRE-CAMBRIAN (gneiss, schist, marble)	2900+ my

### IGNEOUS ROCKS

 GRANITES and other coarse grained rocks (red and grey)
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