CONDITIONS IN GOWER

**QUATERNARY**

Glacial. Ice-sheets cover much of South Wales

**TRIASSIC**

Desert. Erosion of mountains by flash floods

**UPPER CARBONIFEROUS**

HERCYNIAN OROGENY Rocks folded & faulted. Mountains created

Rivers building immense deltas into the sea. Coal formed by burial of forest material as subsidence continues

**NAMURIAN**

Uplift of land-mass to north increases sediment-influx, halting limestone deposition. Mudstones & shales laid down.

**LOWER CARBONIFEROUS**

Clear, tropical seas, with little detritus supplied from adjacent land-masses. Limestone deposited continuously, with only minor interruptions as small fluctuations of sea-level take place.

**DEVONIAN**

(The 'Old Red Sandstone')

Desert conditions, with erosion of mountains created by the foregoing, Caledonian Orogeny. Braided streams, alluvial fans, monsoonal climate.