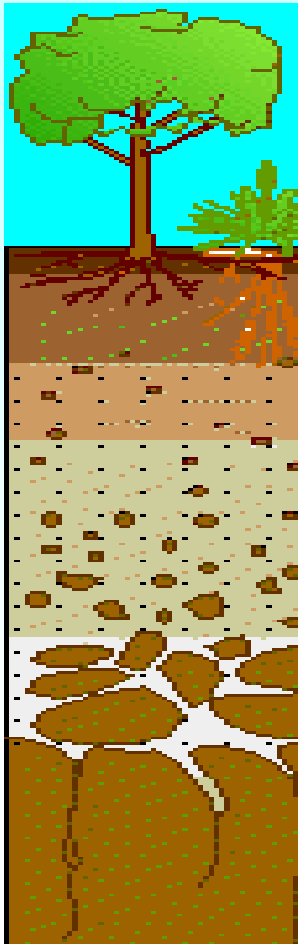


Rocks and Soils Fact Sheet

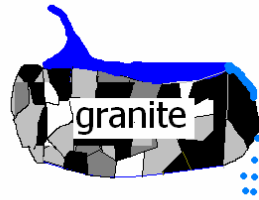
Layers of soil



top soil

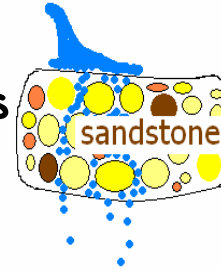
sub soil

base rock



Non-permeable rocks have no spaces between the **particles**, so water cannot pass through

Permeable rocks have spaces between the **particles** that allow water to pass through.



Acid test - you can drop a little acid on a rock to see if it fizzes.

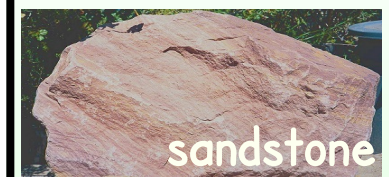
A **scratch test** will tell you how hard a rock is



A **permeability test** will tell you how much water a rock will absorb



Types of rock



Rocks and Soils Glossary

drainage - a property of soil, whether it allows water to pass through easily or not

mineral - a substance which is taken out of the ground e.g. iron ore is mined and manufactured into metal products

particles - very small pieces of a substance

permeable - lets water through

non-permeable - does not let water

sand - small rounded particles of rock

soil - natural material made when rocks are worn away - contains different sized particles of rock, animal and plant matter and air

types of rocks - e.g.

very hard - granite,

hard - slate and marble

soft - chalk, sandstone and limestone

types of soil - clay, sandy, loamy etc.

The colour and properties of the soil

are changed by

the base rock

the soil is made

from

