

SOIL STUDY

ROCK TYPE

Q.1 What rock has the soil formed from?.....

Q.2 What category of rock is it?

Q.3 What evidence do you have for the decisions made in Q.1 and Q.2?

Q.4 Is the soil residual or transported?

WEATHERING

Q.5 What is the main type of weathering (chemical or physical)?

Q.6 What agent/s contribute/s to this form of weathering?

Q.7 Would you describe the weathering as fast or slow?

Q.8 Which parts of the rock do not appear to weather much?

Q.9 How does the climate affect the amount/ speed of weathering?

Q.10 What type of soil does the weathering form?

Q.11 What is the pH of the soil?

Q.12 Is this acidic, neutral or alkaline?

SOIL FERTILITY AND VEGETATION

Q.13 From your observations, is this soil naturally fertile?

Q.14 How does the soil in this locality maintain its fertility?

Q.15 From what you can observe, are the plants deep or shallow rooted?

In the space below, draw a soil profile. Note features such as colour, depth, texture. amount of weathering, underlying subsoil/ parent rock etc.

