

## GEOLOGISTS' CLUES

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Fill in the blanks. The first letters of the answers will spell three clues a geologist uses to determine conditions under which a sedimentary rock was formed.

1. \_\_\_\_\_ Useful to identify the mineral magnetite
2. \_\_\_\_\_ Opposite of down
3. \_\_\_\_\_ Very hard mineral with the same composition as graphite
4. \_\_\_\_\_ Sedimentary rock formed from plant material
5. \_\_\_\_\_ What geologists study
6. \_\_\_\_\_ Very small particles blown from a volcano
7. \_\_\_\_\_ A kind of limestone that is made from shells
8. \_\_\_\_\_ A very soft clay mineral
9. \_\_\_\_\_ A clastic sedimentary rock formed of very small particles
10. \_\_\_\_\_ Basalt with holes
11. \_\_\_\_\_ Makes calcite fizz.
12. \_\_\_\_\_ Magma that reaches the surface
13. \_\_\_\_\_ Soft mineral with greasy feel
14. \_\_\_\_\_ Water that comes from clouds
15. \_\_\_\_\_ What happens to water in a dry climate
16. \_\_\_\_\_ Coarse grained igneous rock that is mostly light colored feldspar
17. \_\_\_\_\_ Mineral in limestone
18. \_\_\_\_\_ Volcanic glass
19. \_\_\_\_\_ Light reflected from a surface © a clue to mineral identification
20. \_\_\_\_\_ A valuable liquid found in some rocks
21. \_\_\_\_\_ Pink, fine grained igneous rock

Unscramble the letters to find five other clues that geologists use to understand sedimentary and igneous rocks.

- a) lipper skarm \_\_\_\_\_
- b) gadder dibgend \_\_\_\_\_
- c) slisofs \_\_\_\_\_
- d) rettuxe \_\_\_\_\_
- e) liwolp lastab \_\_\_\_\_