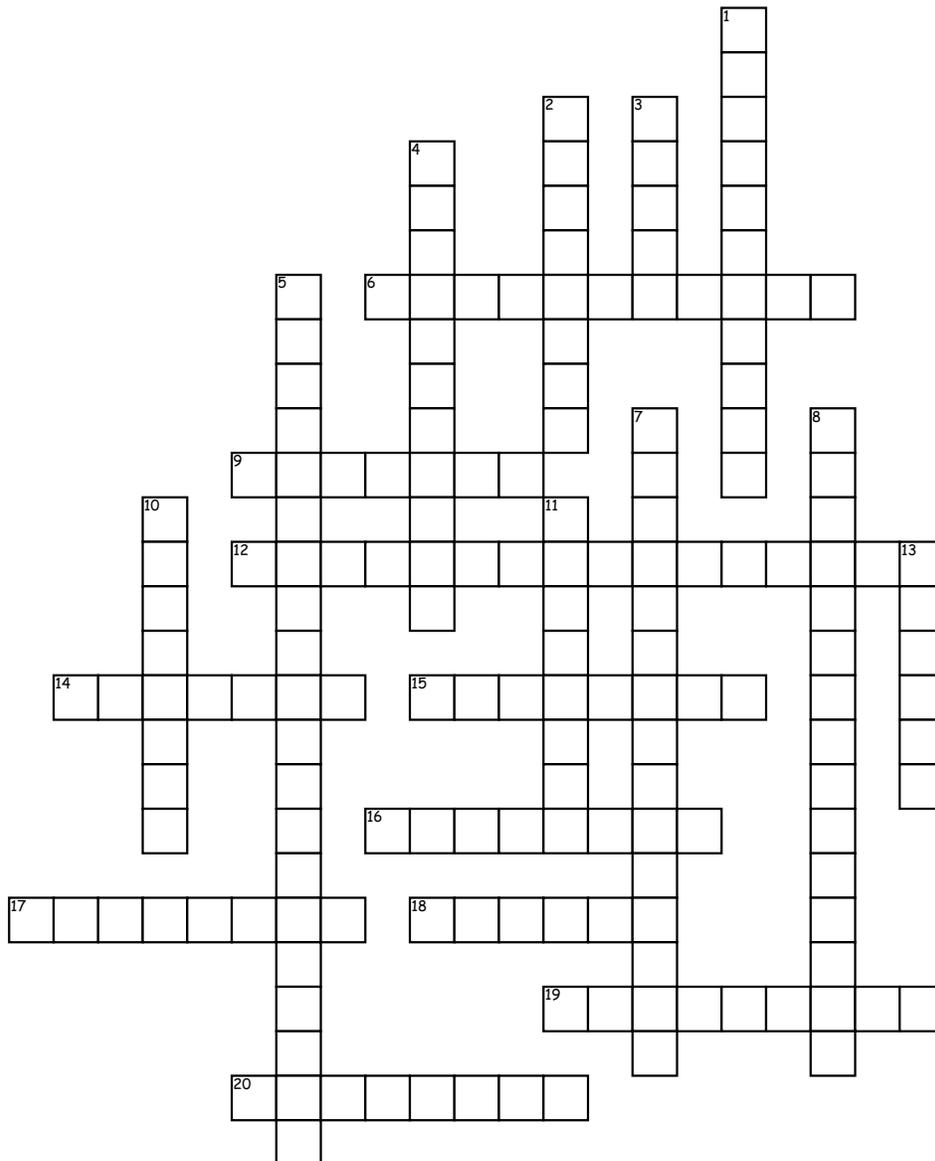


Inside the Earth



Across

6. The process of returning land to its original condition after mining is completed.

9. Naturally formed, inorganic solid that has a definite crystalline structure.

12. Minerals that contain a combination of these two elements.

14. The measure of how much matter is in the given amount of space

15. Pure substances that cannot be broken down into simpler substances by ordinary chemical means.

16. The tendency of some minerals to break unevenly along curved or irregular surfaces.

17. A substance made of two or more elements that have been chemically, joined or bonded.

18. The way a surface reflects light.

19. The continual process by which new rocks forms from old rock material.

20. The tendency of some minerals to break along smooth, flat surface.

Down

1. Chemical makeup of a rock, describes the mineral or other materials in the rock.

2. Texture of metamorphic rock in which the mineral grains are arranged in planes or bands.

3. Hot liquid that forms when rock partially or completely melts.

4. The magma cools and solidifies to become.

5. Mineral that do not contain a combination of the elements silicon and oxygen form a group.

7. Grains of sediment are compacted and cemented together.

8. Intense heat and pressure heat and squeeze the sedimentary rock to change into.

10. A mineral's resistance to being scratched.

11. Uplift and erosion expose the igneous rock, then weathers and wear away into grains of sand and clay, these grains are then transported and deposited elsewhere, and the cycle starts again.

13. The color of a mineral in powdered form.