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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Geology

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|  |  |  |  | 1  P |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | E |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | M |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2  H |  |  |  |  |  |  |  |  |  | 3  T |
|  |  |  |  | E |  |  |  |  |  |  |  |  |  |  |  | 4  L |  |  | U |  |  |  |  | 5  P |  |  |  |  | E |
|  |  | 6  C |  | A |  |  |  |  |  |  |  |  |  | 7  C | L | A | Y |  | 8  M | E | T | A | M | O | R | 9  P | H | I | C |
|  |  | H |  | B |  |  |  |  |  |  |  |  |  |  |  | W |  |  | U |  |  |  |  | R |  | H |  |  | T |
|  | 10  S | E | D | I | M | E | N | T | A | R | Y |  |  |  | 11  L | O | E | S | S |  |  |  |  | O |  | Y |  |  | O |
|  |  | M |  | L |  |  |  |  |  |  |  |  |  |  |  | F |  |  |  |  |  |  |  | S |  | S |  |  | N |
|  |  | I |  | I |  |  |  | 12  I |  |  |  | 13  P |  | 14  F | O | S | S | I | L | S |  |  |  | I |  | I |  |  | I |
|  |  | C |  | T |  |  |  | N |  |  |  | L |  |  |  | U |  |  |  |  |  |  |  | T |  | C |  |  | C |
|  |  | A |  | Y |  | 15  L |  | T |  | 16  L | O | A | M |  |  | P |  |  |  |  |  |  |  | Y |  | A |  |  | P |
|  |  | L |  |  |  | I |  | R |  |  |  | T |  | 17  T |  | E |  |  | 18  E |  |  |  |  |  |  | L |  |  | L |
|  |  | W |  | 19  E | X | T | R | U | S | I | V | E |  | O |  | R |  | 20  M | A | G | M | A |  |  |  | W |  |  | A |
|  |  | E |  |  |  | H |  | S |  |  |  | T |  | P |  | P |  |  | R |  |  |  |  |  |  | E |  |  | T |
|  |  | A |  |  |  | I |  | I |  |  | 21  S | E | I | S | M | O | M | E | T | E | 22  R |  |  |  |  | A |  |  | E |
|  |  | T |  |  |  | F |  | V |  |  |  | C |  | O |  | S |  |  | H |  | O |  |  |  |  | T |  |  | S |
|  |  | H |  | 23  C |  | I |  | E |  |  |  | T |  | I |  | I |  |  | Q |  | C |  |  | 24  S |  | H |  |  |  |
|  | 25  B | E | D | R | O | C | K |  |  |  | 26  S | O | I | L |  | T |  |  | U |  | K |  | 27  M | I | N | E | R | A | L |
|  |  | R |  | U |  | A |  | 28  S |  | 29  H |  | N |  |  |  | I |  |  | A |  |  |  |  | L |  | R |  |  |  |
|  |  | I |  | S |  | T |  | U |  | U |  | I |  |  |  | O |  |  | K |  |  |  |  | T |  | I |  |  |  |
|  |  | N |  | T |  | I |  | B |  | M |  | C |  | 30  S | A | N | D |  | E |  |  |  |  |  |  | N |  |  |  |
|  |  | G |  |  |  | O |  | S |  | U |  | S |  |  |  |  |  |  | S |  |  |  |  |  |  | G |  |  |  |
|  |  |  |  | 31  I | G | N | E | O | U | S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | 32  V | O | L | C | A | N | O | E | S |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across**  **7.** sticky and clumpy (NO H2O flow)  **8.** formed when heat and pressure "RECYLCE" rock.  **10.** made of sand, rocks, minerals, and organic matter.  **11.** wind deposited silt  **14.** organisms (plants + animals) preserved in sedimentary rock.  **16.** best for plants, mix of all.  **19.** forms above the surface, forms small crystals.  **20.** molten rock  **21.** tool to measure motion of ground  **25.** Least Permeable  **26.** weathered rock and organic matter.  **27.** a naturally occurring solid that has a specific chemical make-up  **30.** gritty, H2O flows easily  **31.** formed from cooled magma or lava.  **32.** heat, ash, and lava released from vent forms "cones" | **Down**  **1.** ability to transport H2O  **2.** decomposing organic matter  **3.** 17 huge slabs of rock  **4.** this law states that older rocks are at the bottom of the sequence, youngest at the top.  **5.** air spaces  **6.** acid rain eats away rock. Forms caves and sinkholes.  **9.** water and wind breaking down rocks.  **12.** forms under the surface, cools slowly and forms big crystals.  **13.** movement of Earths crust.  **15.** the compaction and cementation of sediments.  **17.** nutrient rich  **18.** shaking caused when tectonic plates suddenly move and release pressure and stress.  **22.** 2 or more minerals together.  **23.** cool, top layer of Earth  **24.** powder  **28.** sand, silt, clay  **29.** organic material |