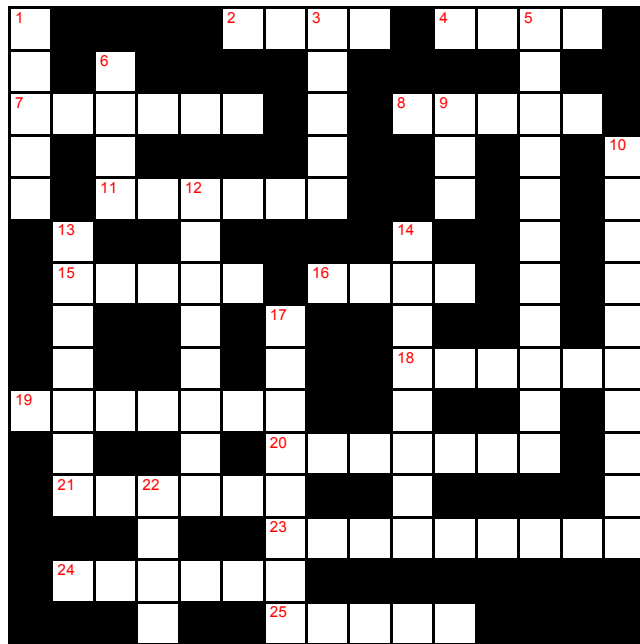


Volcanic_Geology_15x15_2008-10-21

B.B. Huria



Across

- 2 Boundary between the earth's crust and the mantle. Also called the Mohorovicic discontinuity. (4)
- 4 A vertical conduit through the Earth's crust below a volcano, through which magmatic materials have passed. (4)
- 7 The scum formed by oxidation at the surface of molten metals. (6)
- 8 A crack or fracture in the earth's surface. (5)
- 11 The common type of solidified lava. (6)
- 15 An avalanche volcanic water and mud down the slopes of a volcano. (5)
- 16 Rock that in its molten form (as magma) issues from volcanoes; ____ is what magma is called when it reaches the surface. (4)
- 18 A bowl-shaped

depression formed by the impact of a meteorite or bomb. (6)

- 19 A long narrow depression in a surface. (7)
- 20 Rocks containing above average amounts of sodium and/or potassium. (7)
- 21 The reflection of light from the surface of a mineral. (6)
- 23 A measure of the effects of an earthquake at a particular place. (9)
- 24 Roman god of fire and the forge after whom volcanoes are named. (6)
- 25 A seamount of volcanic origin (especially in the Pacific Ocean). (5)

Down

- 1 Igneous rocks with silica between 44% and 52%. (5)
- 3 A ridge of the earth's

crust that has been forced upward between two faults and so is higher than the surrounding land. (5)

- 5 Having many distinct sources; originating at various places or times. (11)
- 6 Fragment of molten or semi-molten rock, which is blown out during an eruption. (4)
- 9 The residue that remains when something is burned. (3)
- 10 Last 2 million years. (10)
- 12 An underwater mountain rising above the ocean floor; A submarine volcano. (8)
- 13 Of or relating to or happening in a river. (7)
- 14 Temporarily move people away from possible danger. (8)

17 The motion of surfaces sliding past one another. (8)

22 A flat mass of igneous rock between two layers of older sedimentary rock. (4)