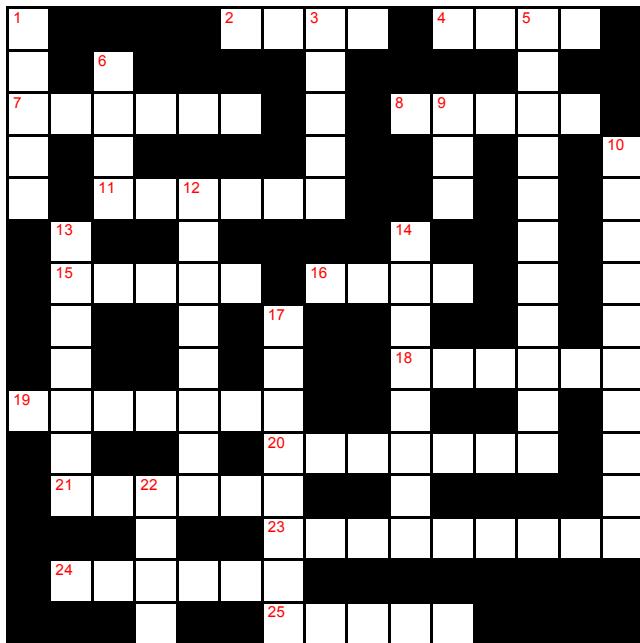


Volcanic Geology 15x15 2008-10-21

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 volcanos; ____ 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)