Rocks and Minerals

1 I			2 D				3 B	A	4 S	A	L	T								
G			E						H										5 S	
N			P			6 L	A	V	A				7 C	A	R	B	O	N	A	T	E
E		8 M	O	H					L				O							R	
O			S			9 L	I	M	E	S	T	O	N	E						E	
U			I			U							G							A	
10 S	L	A	T	E		11 S	T	R	A	T	A		L							K	
			I			T							O						12 M		
	13 P		O			R				14 D	I	A	M	O	N	D			E		
15 G	R	A	N	I	T	E							E						T		
	E										16 M	A	R	B	L	E			A		
	S												A						M		
	S			17 M						18 P	L	U	T	O	N	I	19 C		O		
	U			A									E				O		R		
	R			G													M		P		
20 S	E	D	I	M	E	N	T	A	R	Y							P		H		
				A									21 V	O	L	C	A	N	I	C	
																	C		C		
										22 Q	U	A	R	T	Z	I	T	E			
																	I				
									23 P	U	M	I	C	E	S	T	O	N	E		
																	N				

Across

3. Dark igneous rock formed from lava.[6]
6. Molten rock that flows from a volcano.[4]
7. Cementing of sedimentary rock is the action of calcium ____.[9]
8. Geologist who developed a scale of hardness to identify minerals.[3]
9. Sedimentary rock formed from coral and crushed shells.[9]
10. Metamorphic rock formed from shale.[5]
11. Layers.[6]
14. Hardest natural substance used in jewellery.[7]
15. Igneous rock with large crystals.[7]
16. Metamorphic rock used in sculpture.[6]
18. Type of igneous rock formed deep beneath earth's surface.[8]
20. Sandstone is an example of a ____ rock.[11]
21. Type of igneous rock formed in volcanoes.[8]
22. Metamorphic rock formed from sandstone.[9]
23. Very light igneous rock containing air bubbles[11]

Down

1. Type of rock formed from molten rock[7]
2. Laying down of sediments.[10]
4. Sedimentary rock formed from mud and silt.[5]
5. Colour of the powder of a mineral.[6]
7. Sedimentary rock formed from sand and pebbles.[12]
9. "Shininess" of a mineral.[6]
12. Marble is the ____ rock formed from limestone.[11]
13. Metamorphic rocks are formed by extreme heat and ____.[8]
17. Molten rock beneath the earth's surface.[5]
19. ____ of sediments in sedimentary rocks is due to the weight of the sediments on top of them.[10]