•	n: Volcanic E	ruptions		
1. Volca	anic eruptions can b	pe	ti	mes stronger than the
•	osion produced by the is magma?	he first atomic bo	mb.	
3. Magr	na that flows onto	the Earth's surface	e is called	
4. A vei		Earth's surface thr	ough which n	nagma and gases are
expel	lled is a			
NONEX	PLOSIVE ERUPTION	ONS		
	<ul><li>a. Violent explos</li><li>b. Tons of rock of</li></ul>	sions can occur. can be blasted into s of lava can be re	the air.	xplosive eruptions?
6. The r	nost common type	of volcanic erupti	on is	
7. Much	n of the sea floor is	covered with		from
none	xplosive eruptions.			
EXPLOS	SIVE E RUPTIONS			
{	volcanic eruptior a. calm lava flow	n? vs n, and gas shooting	•	during an explosive
9. In a v	volcanic eruption, n	nolten rock is blow	vn into dust-s	ized particles called.

ame	Class	Date
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/HAT IS INSIDE A VOLCA	.NO?	
12. The underground	body of molten re	ock that feeds a volcano is a(n)
a. vent.		c. lava chamber.
b. magma chambe	er.	d. ash chamber.
<u> </u>		
13. An opening in the passes is a(n)	Earth's surface the	nrough which volcanic material
a. vent.		c. lava chamber.
b. magma chambe	er.	d. ash chamber.
4. What about magma affect		an eruption will be?
5. Why is magma with high eruption?	water content mo	ore likely to cause an explosive
called	·	h gas when it reaches the surface
called	·	
called	t magma with a h	
called	t magma with a h	igh silica content tend to cause
called	silica less likely t	igh silica content tend to cause  o cause explosive eruptions?

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21. Wha	t type of material is produced by nonexplosiv	e eruptions?				
 22. Wha	2. What type of material is produced by explosive eruptions?					
	t is the difference between the flow of lava w of lava with low viscosity?	ith high viscosity and the				
Match th	ne correct description with the correct term. W	rite the letter in the space				
2	4. pours out quickly and forms a brittle, jagged crust	<ul><li>a. pahoehoe lava</li><li>b. aa lava</li></ul>				
2	25. flows slowly, has a glassy surface and rounded wrinkles	c. pillow lava				
2	6. forms underwater in rounded lumps	d. blocky lava				
2	7. cool, stiff lava that forms jumbled heals close to the erupting vents					
Match the	ne correct description with the correct term. W d.	rite the letter in the space				
2	28. large blobs of magma that harden in the air	<ul><li>a. volcanic blocks</li><li>b. volcanic bombs</li></ul>				
2	9. solid rock erupted from a volcano	c. lapilli				
3	60. pebblelike bits of magma that harden before they hit the ground	d. volcanic ash				
3	11. gases in stiff magma expand rapidly, forming glasslike slivers					
	n large amounts of hot ash, dust and gases are it is a dangerous type of volcanic flow called	e ejected from a volcano, the				
33. Pyro	clastic materials can race downhill at speeds	of more than				
34. The	temperature at the center of a pyroclastic flow	can exceed				