

Barringer crater

Key Assessment Task Marking criteria

1 B There were no volcanic rocks in the area.

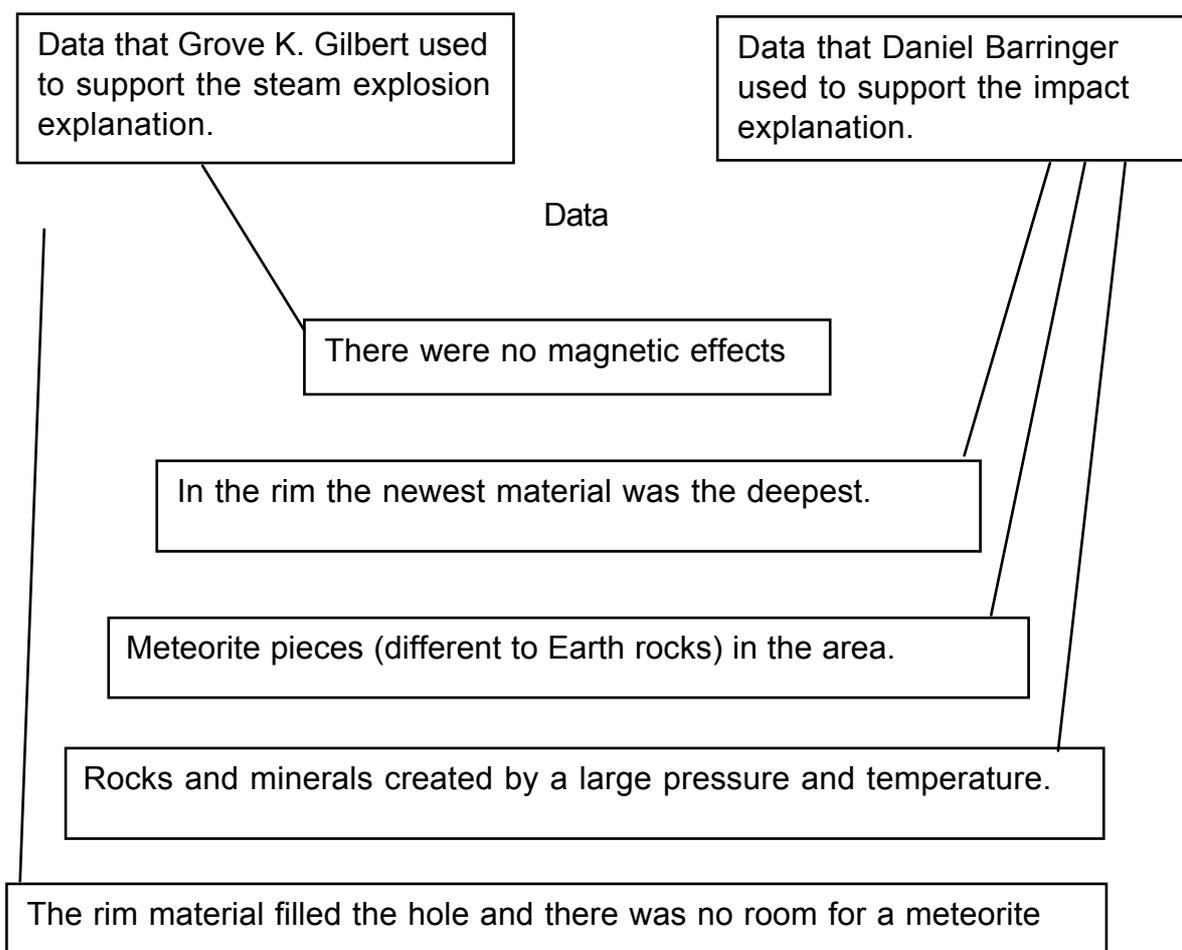
All the statements are true, but only B is the reason why scientists decided that the crater could not be a volcano.

2 Grove K Gilbert and Daniel Barringer may have looked at the crater in different ways because of their different backgrounds. Grove K. Gilbert was a geologist and Daniel Barringer was a mining engineer.

3

A

B



4

Ways to tell other scientists	Correct?
He wrote papers	✓
He wrote books	
He published articles in newspapers	
He published papers in scientific journals (for example the <i>Proceedings of the Academy of Natural Sciences</i>)	✓
He gave interviews on television	
He gave presentations (for example to the national Academy of Sciences)	✓

5

Reason	Correct?
They thought the crater was a volcano.	
They did not know of any other impact craters on Earth.	✓
They knew that the craters on the Moon were impact craters.	
They had not visited the crater and checked the data.	✓
There was a lot of data suggesting it was caused by a steam explosion.	

NOW look again at the learning outcomes for this activity.

Which learning outcomes have you achieved?

Which learning outcomes can you improve?