A Shoe Clue

You have been provided with:

SPECIMEN A: A sample of rock from the suspect's shoe.

SPECIMEN B: A sample of rock from a footprint found at the scene of the crime.

as well as various rock samples from the local area.

1. Look at specimens A and B and compare their appearance to the samples provided.

Fill in the boxes below:

	What does the sample look like ?	Which rock does it look most like?
SPECIMEN A		
SPECIMEN B		

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2. Place a small amount of each rock in a petri dish one at a time.

Add a small drop of acid. What happens to each rock? Fill in your results below.

ROCK SAMPLE	What happened when you added the acid?
LIMESTONE	
SANDSTONE	
GRANITE	
SPECIMEN A	
SPECIMEN B	

Do you know why these samples react differently with acid?

Fill in your conclusions on the Court Report

