Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

**Sources of Electrical Energy**

**Lab #3 – Generate Electricity with Pressure**

**Equipment and Materials**

* Phonograph crystal in holder with handle
* Voltmeter or galvanometer
* 110-volt power source

**Procedure**

**Note:** In the next step, connect the equipment on the back of the crystal holder away from theneedle end.

1. Connect the voltmeter or galvanometer to the phonograph crystal connections.
2. Move the needle slightly with your finger, and observe the meter.

**Note:** When playing a record, the needle is in the record groove, which causes movementrelating to the recording.