Step 1
Cut or punch out the metal mesh to the size/area that you want to test on your sample.

Step 2
Cut the contact wire to the desired length, with a loop around the perimeter of the mesh with the wire extending past the sample. Place cut mesh in the center of your sample & the looped wire on top of wire mesh.

Step 3
Apply the contact paste around the perimeter of the wire loop, apply a few drops across the mesh for best adhesion strength.

Step 4
Cut and place a straight piece of wire next to the mesh on the sample. Again, cover with ink for adhesion. This will allow for 4 point conductivity testing and a lead for measuring voltage, while the other draws the current.

Step 5
Dry in a 100°C oven for an hour or until the ink looks dry. Repeat all steps on the opposite side of the sample in the same area.

Step 6
Fire your sample to adhere your contact wires.
Firing conditions: 1°C per minute to 800°C, hold for 1 hr, cool to room temp.sample in the same area.