

## Great Game Huddle Notes October 15, 2019

Angie Crews introduce today's huddle Department Education – Environmental with guest speaker Geologist Matt Forir on resistivity testing.

### **Resistivity testing is equal to voltage divide by current.**

- It is the resistance that electrical current encounters when moving through materials.
- It is a process that measures depth to bedrock and features, such as voids in soil and rock.
- It will help the County with future building projects.

### **Facts about Greene County:**

- 7,555 sinkholes
- 443 caves
- 298 mines (we know of)
- Joints and faults
- Combined it all together equals geology



### **Problems before development:**

- Depth to bedrocks
- Voids
- Groundwater
- Geologic features
- Most importantly we see a much broader look at the subsurface than other techniques.

### **The set up**

- Needs to be in cool area
- Wire comes out and a mile service each line
- Measure twice and divided by 56
- Dept. you want/need
- There's a probe, loop wire, can't be cross or your data could be incorrect everything goes into a box, then the data collected and run.

### **Fun Fact:**

- One scan cost \$6,000

**There is more information to learn on the presentation link in the presentation archive.**