

## NEWS RELEASE

FOR IMMEDIATE RELEASE

May 12, 2009

**Contact:**

Patrick Wales

Virginia Uranium, Inc.

(434) 432-1065

[pwales@vauinc.com](mailto:pwales@vauinc.com)



### Virginia Tech Grad Student Conducting Research on Coles Hill Hydrology

**CHATHAM, VIRGINIA** – A Virginia Tech graduate student, J.P. Gannon will soon be learning more about how groundwater moves at Coles Hill. In conjunction with the hydrogeology research that he has been conducting for over a year, Gannon will finally get a chance to quantify what is going on underground. To date he has only been able to make subsurface geophysical measurements that have given him an idea where water is located but now he will be able to drill two holes with the help of Virginia Uranium to actually see how the ground water moves. Gannon's study will be near where Virginia Uranium is studying the development of what is believed to be the largest undeveloped uranium deposit in the United States.

In connection with this research, two new agricultural cattle wells will be installed near the site. Already, the Virginia Tech GeoSciences Department student has conducted an extensive geophysical survey of the subsurface in order to determine the locations and characteristics of some underground fracture networks. To confirm Gannon's results and to get a better understanding of how water moves through the fractured bedrock, two wells will be drilled into the ground for further study. The installation of two agricultural cattle wells had already been proposed in this vicinity and the Virginia Tech student worked closely with the land owners to find locations for the wells that would be mutually beneficial, primarily for sustainable clean agricultural drinking water as well as hydrological research.

"These drill holes are being completed outside of the uranium exploration area, and are intended for research groundwater hydrology of the region and will be used for agricultural purposes," said Joe Aylor, Chief Geologist at Virginia Uranium. The location of the holes has been selected to purposefully avoid potential uranium ore-bearing areas, and furthermore, the holes are not useful for uranium exploration activities.

"The wells will be used to provide an alternative drinking water source for the cattle that graze nearby, and I look forward to using them soon," said Hank Maxey, a local cattle farmer who leases the land.

"The Piedmont hydrogeology of the Coles Hill area is one of localized flow where ground water moves through fractures or cracks in bedrock instead of large regional aquifers where water moves through sediments as in the Virginia coastal plain. Precisely placed wells are critical in order to understand the complex flow system at Coles Hill. Without these wells a meaningful characterization of groundwater flow at Coles Hill would not be possible." said Gannon.

The Coles Hill hydrology research is expected to last through the summer and culminate in a master's thesis by Gannon.

**About Virginia Uranium, Inc.:** Virginia Uranium, Inc. is a Virginia corporation established in 2007 by the Coles and Bowen families to begin preliminary work on the development of one of the largest undeveloped uranium deposit in the United States, which is located at Coles Hill in Pittsylvania County, Virginia. For more information, please visit [www.VirginiaUranium.com](http://www.VirginiaUranium.com).

###