

Instructor's Notes

Notice that the way the problem is structured requires interpretation from the students. Using the XOR operand does not include the area where the SAL and DAL are both present. Using the OR operand includes the area, but it does not allow for selecting which aquifer to drill. So, I prefer to use XOR and then mark the cells that need a well selection.

I use this activity to reinforce the raster grid concept, but also to show that results need to be interpreted. I do not grade the activity, but collect it to make sure that most of the class is understanding the concepts.