Review of: "MCDA - Groundwater prediction analysis for Sustainable Development using GIS Supported AHP in Okeigbo, Southwestern Nigeria"

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Potential competing interests: No potential competing interests to declare.

1. Abstract - what is GWPIV? and unit?
2. Create new paragraph for study area (split from introduction section)
3. What is the meaning of foundation rock interruption? Foundation = Basement?
4. Problem statements can be improved (last 3 paragraphs of introduction section)
5. The study area is Okeigbo, which is located between 689000 m and 694000 m East and 790000 m and 794500 m North of southwestern Nigeria - it is different from the map (Figure 1)
6. Figure 3 can be sized up (small font). The legend for Figure 3b - geology ondo state?
7. What is flaggy? No orientation (direction) of the outcrop in Figure 4 . The outcrop should be plotted in the map
8. The geological map (Figure 3) should show the lineament (geological structure -NNW-SSE and NNE-SSW direction
9. There are number of wells and boreholes in study area. the data can be used to understand the hydrogeology of study area and also to compare with the VES profile.
10. How many wells been tested for pumping test? should put all the well information (e.g: the well screen, diameter of the well) in a table with all pumping test data plots
11. The elevation of four boreholes are at different level (all are at the same level in Figure 15). the distance between the boreholes should be same as actual
12. Table 4 values - Hydraulic head is calculated without deduct the well collar from static water level
13. The pumping period only 100 min? the drawdown is recorded in pumping well or monitoring well? The wells are in soil (weathering grade IV? V? or VI?) or rock?
14. Figure 15 (pumping test plots) - the gradient (m) should be taken from 10 until 100 (log scale. how did you obtain K, T and S values?