

## PROJECT 2: GEOPHYSICAL BOREHOLE LOGGING AND DIVER INSTALLATION OF HAP MONITORING BOREHOLES

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**Collaborating Agencies:** CIDA, Danida and Water Resources Commission  
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**Year to end:** June 2008

### Summary

As part of CIDA's on-going Hydrogeological Assessment Project (HAP) of Ghana's three northern regions, the CSIR Water Research Institute has carried out geophysical well-logging and installation of divers on all the nine (9) successfully-drilled wells between 21<sup>st</sup> August and 30<sup>th</sup> October, 2007. The purpose of the research work is to enhance the knowledge-base and understanding of the hydrogeological setting and groundwater resources management and development in the northern part of Ghana, particularly in areas underlain by Voltaian rocks.

Six (6) out of the nine (9) boreholes drilled were fully-constructed, while the remaining three (3) were left as open holes due to their low air-lift yields and the stable nature of the underlying rocks.

Fig. 1 is the map of the three northern regions, showing the location of the 12 project boreholes.

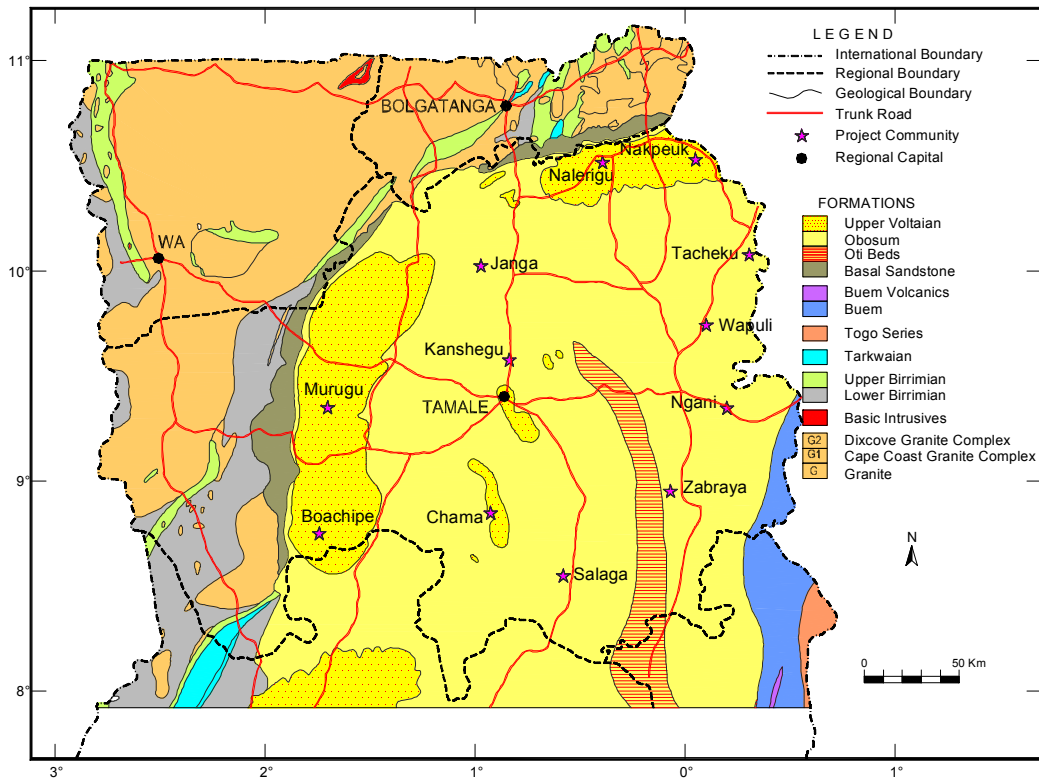


Fig. 1: Geology of the three Northern regions showing the location of HAP monitoring boreholes

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