

Article Review Report



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ORIGINAL ARTICLE

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IDENTIFICATION OF GROUNDWATER VEINS USING GROUNDWATER DETECTOR



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REVIEW OF THE ARTICLE

Identification Of Groundwater Veins Using Groundwater Detector

Dr. Mali P. D.

ABSTRACT:

The problem statement was clear and well articulated Groundwater is the main source of irrigation in majority areas of Maharashtra. The exploration of ground-water is mainly through borewells, because borewell require less time and land. The expenses for borewells are also less as compared to dugwells. Selection of borewell site is very important. The 100% result for aquifer identification is impossible, but reliable groundwater study gives result up to 90%.

INTRODUCTION:

The introduction provides a good, generalized background of the topic that quickly gives the reader an appreciation. At present, most of the hydrologist uses the resistivity meter, seismic timer instrument for site selection of dugwell and borewell. This instrument gives the information of probable rock types, porosity and permeability, with this data suitable sites were selected. Hence, the success rates are very limited, because in this method we can not find Water veins. Earlier the ground water veins cannot be detected by instruments.

METHODOLOGY:

The amount of data presented was sufficient and appropriate. Tables, graphs, or figures were used judiciously and agree with the text. The aquifer zones were identified in Solapur, Osmanabad and Latur districts in Maharashtra, India by using water detector stream 1 model (GER-German made). The aquifer locations were selected considering parameters of maximum yield of ground water veins & extension of water veins etc.

PRESENTATION OF RESULTS:

The amount of data presented was sufficient and appropriate. Tables, graphs, or figures were used judiciously and agree with the text. The good aquifer zones were occurred only after identification of veins & their depth. This is the first instrument which detect ground water veins & their depth. The detailed study of Aquifer, reduces the fail bore well expenses. The proper selection of bore well locations increases irrigation and such locations are very suitable for rain water harvesting.

REFERENCES:

Prior publication by the author(s) of substantial portions of the data or study was appropriately acknowledged.

RELEVANCE:

The paper is properly organized and demands appreciation. I think the paper will satisfy the interest of the readers.

FUTURE RESEARCH SCOPE:

1. Career For Faculty (<http://academicprofile.org/Professor/CareerForFaculty.aspx>)
2. Academic Plan (<http://academicprofile.org/Professor/AcademicPlan.aspx>)
3. Regarding Professor Promotion (<http://academicprofile.org/Professor/regardingPromotion.aspx>)
4. Fellowship for Post Doctoral (<http://academicprofile.org/Professor/FellowshipForPD.aspx>)
5. Online Course on Research (<http://onlineresearch.in/Default.aspx>)

SUMMARY OF ARTICLE

		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers			✓		
2.	Originally & Novelty of the ideas	✓				
3.	Importance of the proposed ideas			✓		
4.	Timelines		✓			
5.	Sufficient information to support the assertions made & conclusion drawn	✓				
6.	Quality of writing(Organization, Clarity, Accuracy Grammer)		✓			
7.	References & Citation(Up-to-date, Appropriate Sufficient)	✓				

Future Research Suggestions

This Article can expand further research for MINOR/MAJOR Research Project at UGC

