

**GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA**

UNSTARRED QUESTION NO:122

ANSWERED ON:05.12.2013

MAPPING OF AQUIFERS

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Prakash;Pathak Shri Harin;Sule Supriya ;Wankhede Shri Subhash Bapurao

Will the Minister of WATER RESOURCES be pleased to state:

- (a) whether the Government has completed a pilot project using aerial geophysical techniques to map aquifers to find clean drinking water;
- (b) if so, the details thereof along with the amount spent for this purpose;
- (c) if not, the reasons for not completing it in time and the time by which the pilot project is likely to be completed; and
- (d) the steps taken by the Government to introduce this project all over the country?

Answer

THE MINISTER FOR WATER RESOURCES (SHRI HARISH RAWAT)

(a) No, Madam.

(b) & (c) Central Ground Water Board has undertaken pilot project for mapping of aquifers in 6 study areas of different hydrogeological conditions in the states of Rajasthan, Bihar, Tamilnadu, Maharashtra and Karnataka by using advanced geophysical techniques, including heli-borne transient electromagnetic technique. The original schedule of completion of the pilot project has been revised due to delay in receiving clearances from the concerned ministries. The pilot project is now expected to be completed by May, 2014. An amount of Rs. 1221.26 Lakh had been spent on the pilot project up to October, 2013.

(d) A National Aquifer Mapping and Management Program has recently been approved by the Central Government for implementation during XII plan period in the country and a provision of Rs. 370.54 crore has been made during the XII Plan for using heli-borne geophysical techniques in the country for aquifer mapping.