Title of Project:
Identification of Potential Zones for Ground Water Development in Severe Drought Effected Villages of Rajnandgaon Dist., Chhattisgarh State (on 1:10,000 scales)

Name of Principal Investigator
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Name of Funding Agency
Public Health Engineering Department (PHED), Govt. of Chhattisgarh

Tenure of Project
March 2017 to May 2017 (3 Months)

Summary of Project:
Drinking water scarcity in Rajnandgaon District, Chhattisgarh is a burning issue due to the severe drought situation during summer of 2016. Hon'ble Prime Minister of India has taken review of the drought in various States of the Country and stressed on the use of latest space based geo-spatial technology for finding out new sources of drinking water. Towards this, PHED, Govt. of Chhattisgarh has taken an immediate initiative in using the space based remote sensing technology for finding out new sites for developing ground water wells and also identifying suitable zones through high-resolution hydro geological survey.

Survey and Mapping on 1:10,000 scale of drought affected villages of Rajnandgaon Dist. on priority basis as per the list of 154 problematic villages related to drinking water by Public Health Engineering Department.