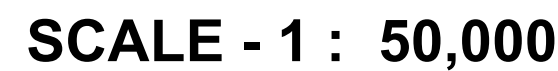


( PREPARED FROM SATELLITE IMAGE INTERPRETATION WITH LIMITED FIELD CHECKS )



MAP SHEET NO. 78D/2



© NRSC (ISRO), DEPT. OF SPACE, GOVT. OF INDIA DATA USED : IRS - P6 LISS III FCC dated September 2005-February 2006, GROUND TRUTH & WELL OBSERVATION during March-June, 2012 & Oct 2012-Jan 2013, Published Geological maps & Literatures. Designed & Developed by Hydrogeology Division, NRSC, ISRO

## GROUND WATER PROSPECTS


**F** \_\_\_\_ **F** / \_\_\_\_ / \_\_\_\_

*These are fault / fracture zones, which generally act as conduits for movement of ground water in hard rocks. Along these zones, the yields are significantly higher and wells are likely to be sustainable for longer duration. However, the inferred fractures need to be confirmed by detailed ground surveys*

D — D / Q — Q / P — P  
D — D / Q — Q / P — P

These are dykes, quartz reefs and pegmatite veins, which generally act as barriers for ground water movement

N.B.-The depth range and yield range of wells may vary within the unit because of certain inhomogeneities. Fractures/Lineaments which are clearly observed / inferred from the satellite image are indicated on the map. There could be some obscured fractures which also influence the ground water prospects. Locations of the recharge structures shown in the map are tentative. This map is useful for narrowing down the target zones and exact location on the ground for wells and recharge structures should be identified based on followup ground hydrogeological/geophysical surveys.

<p align="center"><b>PREPARED BY</b></p>	<p align="center"><b>TECHNICAL GUIDANCE &amp; QUALITY CHECK</b></p>
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