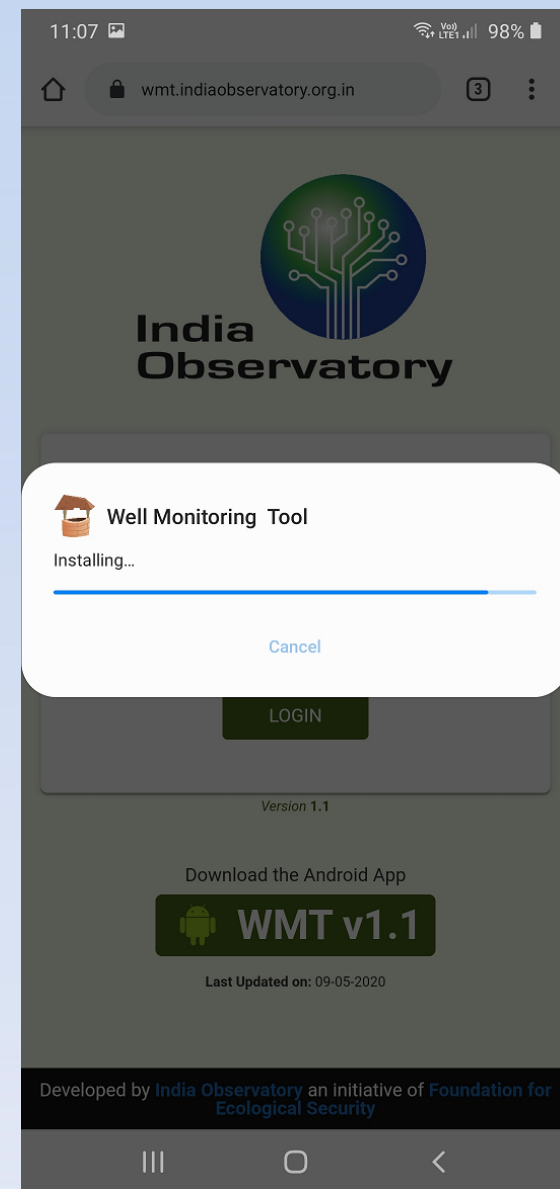
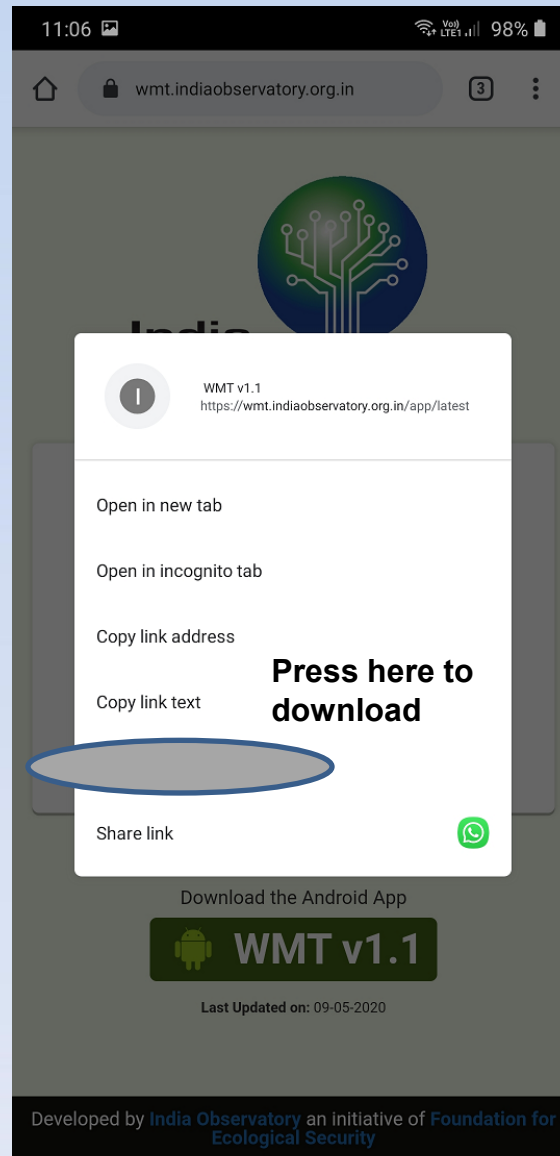
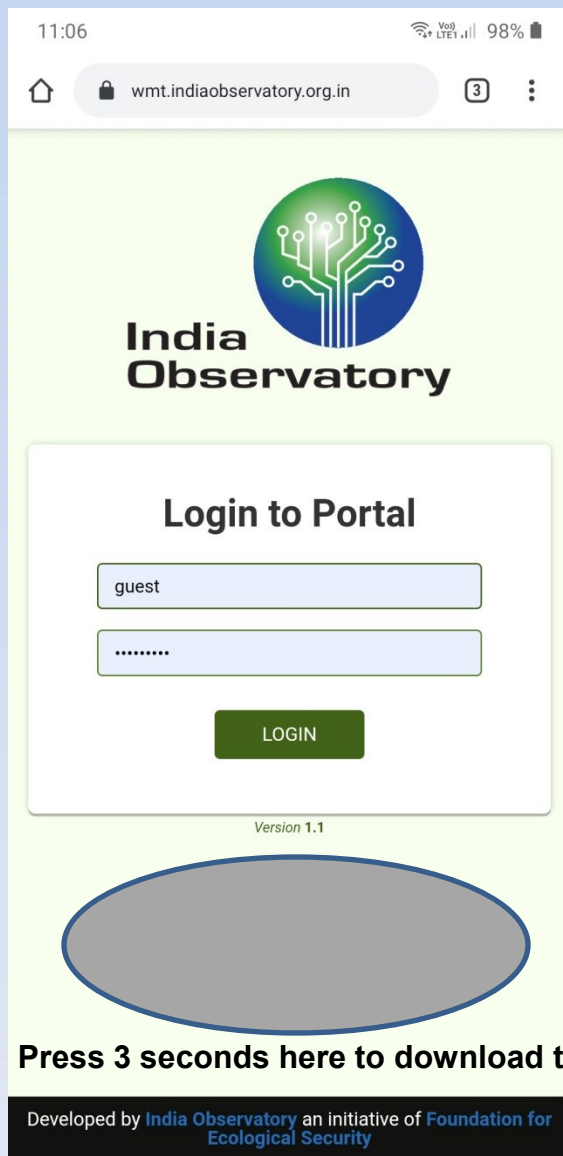


Groundwater Measurement Tool- User Manual

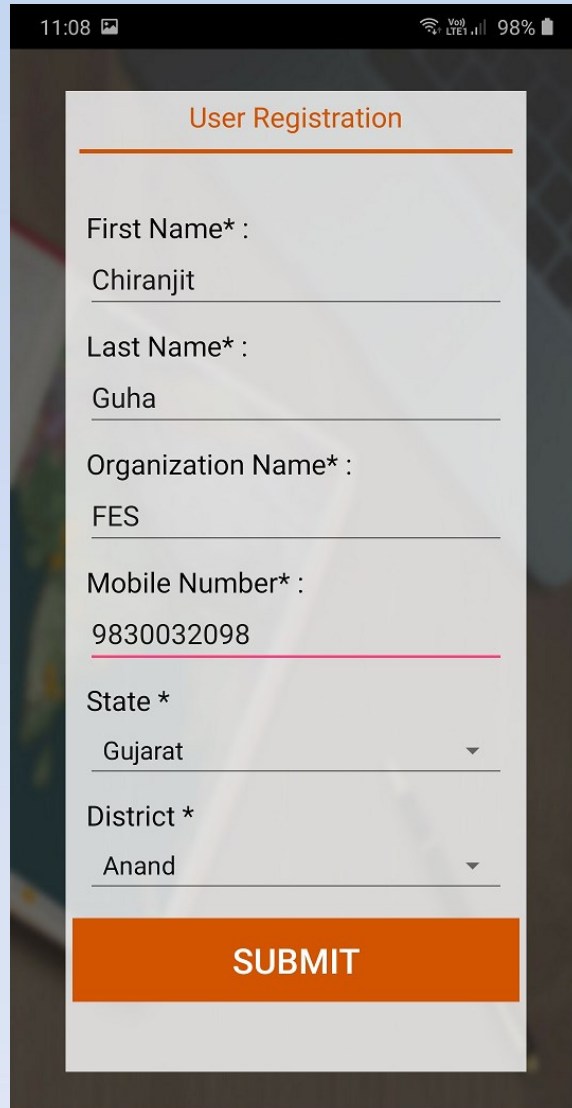


Download the app from <https://wmt.indiaobservatory.org.in>



User registration (One time only)

No Internet is required after registration



The screenshot shows a mobile application interface for user registration. At the top, the status bar displays the time as 11:08, signal strength, VoLTE, and 98% battery. The form is titled "User Registration" in orange text. It contains several input fields: "First Name*" with the value "Chiranjit", "Last Name*" with "Guha", "Organization Name*" with "FES", and "Mobile Number*" with "9830032098". Below these are two dropdown menus for "State *" (selected as "Gujarat") and "District *" (selected as "Anand"). A large orange "SUBMIT" button is at the bottom of the form.

11:08 98%

User Registration

First Name* :
Chiranjit

Last Name* :
Guha

Organization Name* :
FES

Mobile Number* :
9830032098

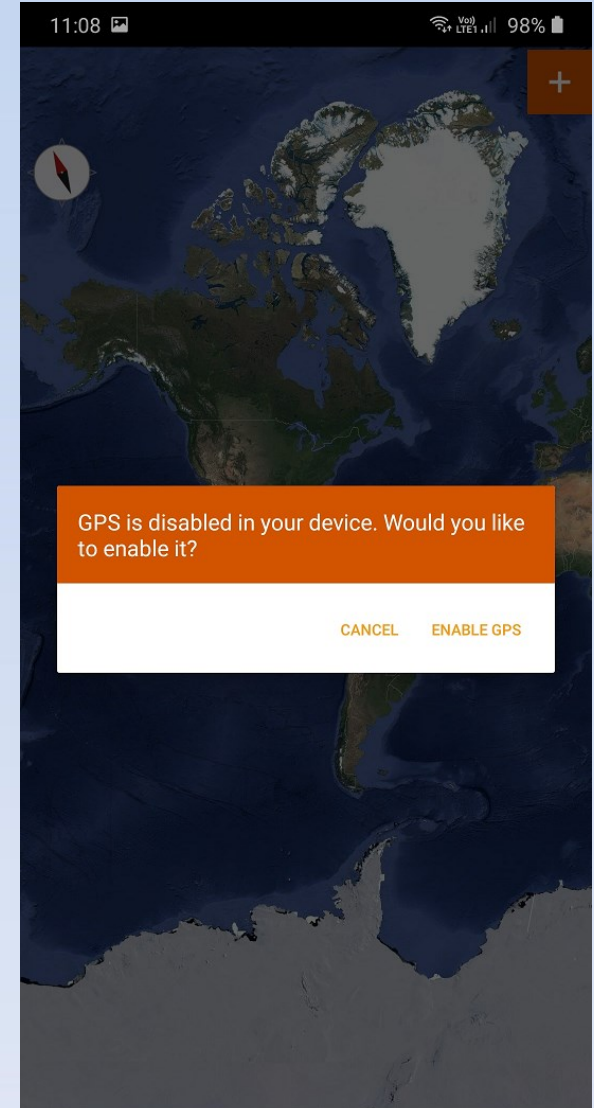
State *
Gujarat

District *
Anand

SUBMIT

Tap here to fill entire screen

Enable the GPS



Tap here to fill entire screen

Collection of Data

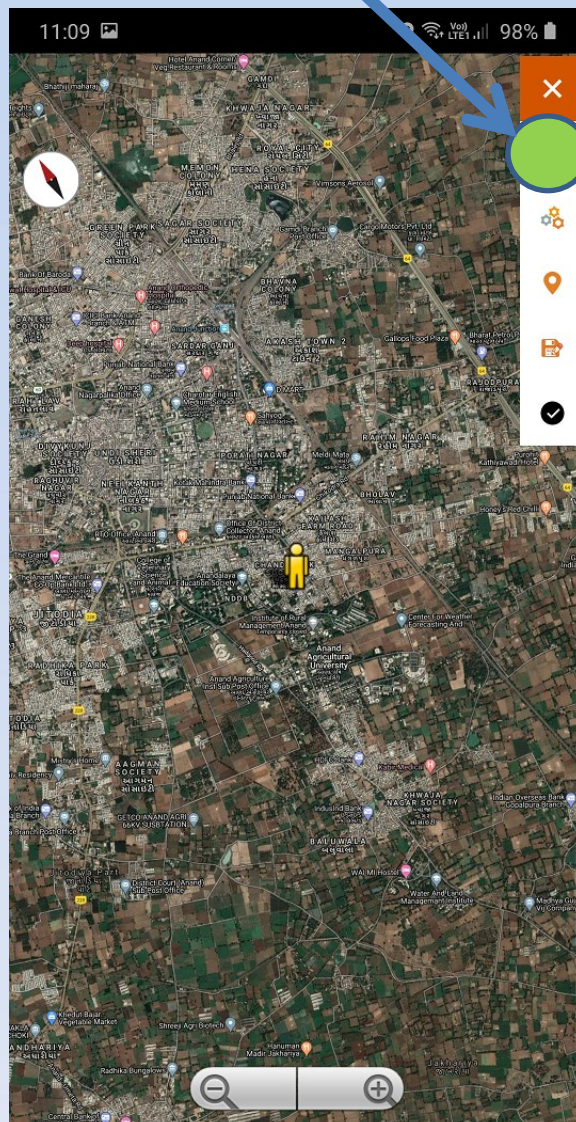
Click the + button



Tap here to fill entire screen



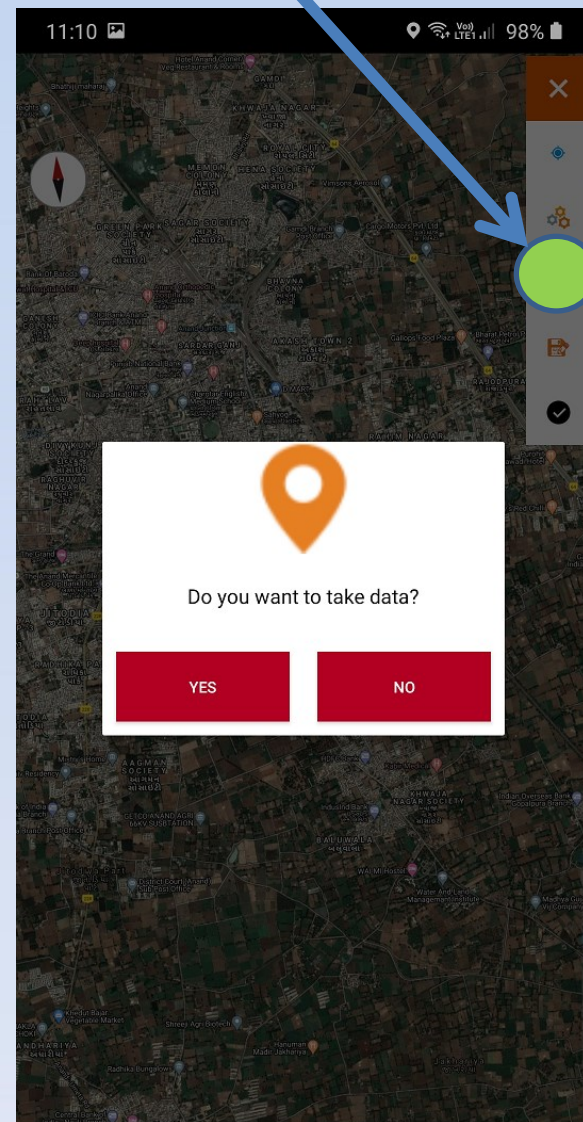
Check & enable GPS



Tap here to fill entire screen



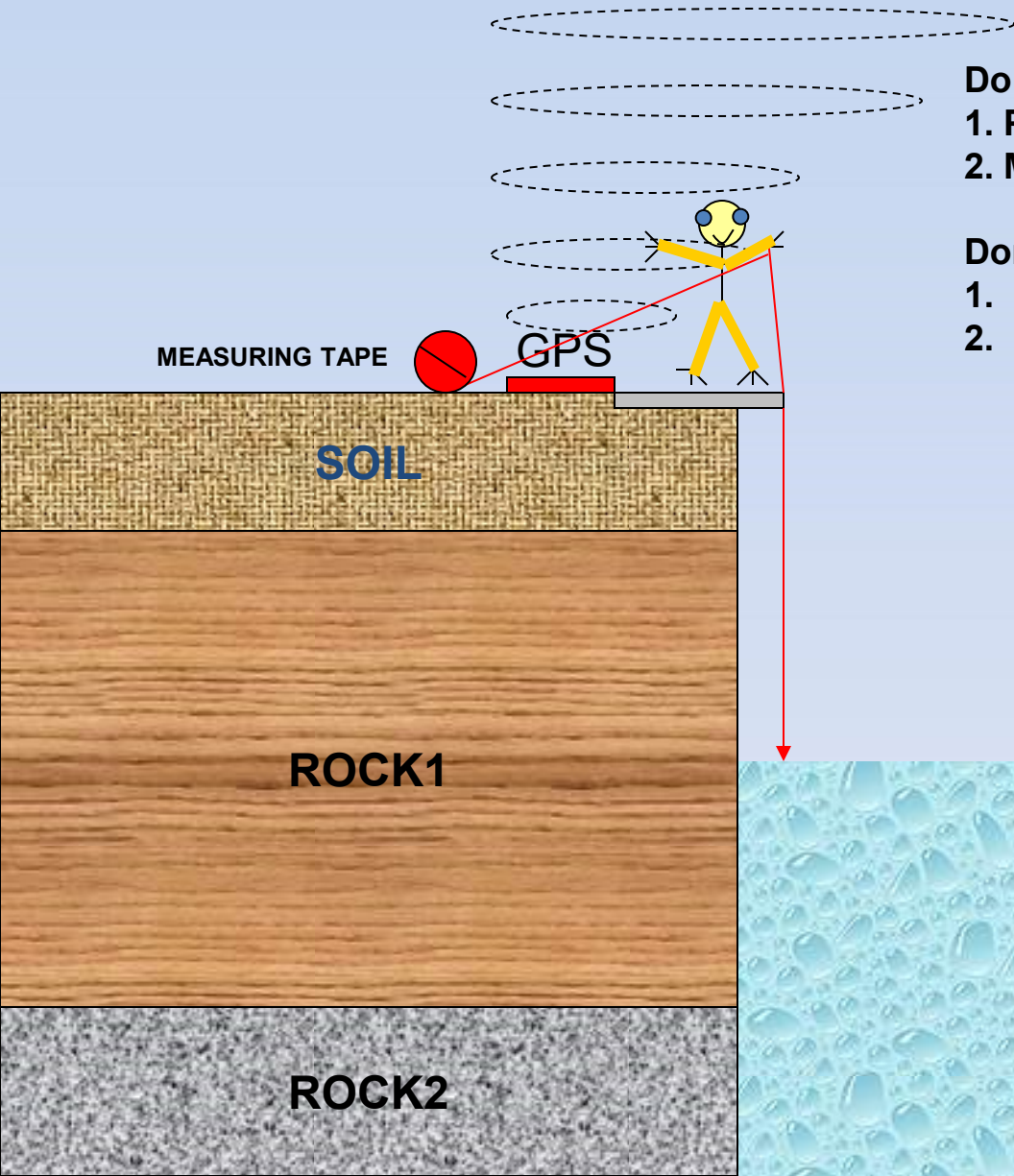
Take the data



Tap here to fill entire screen



PROCEDURE OF WELL MEASUREMENT

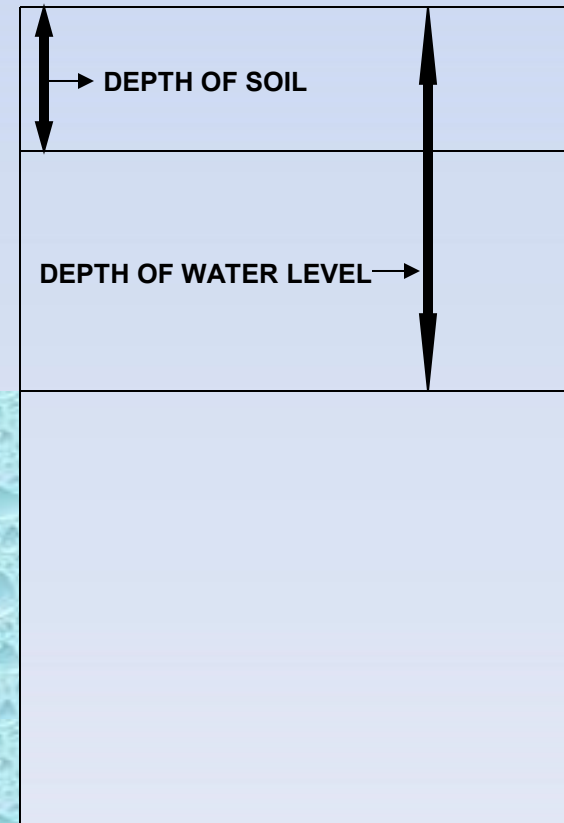


Do:

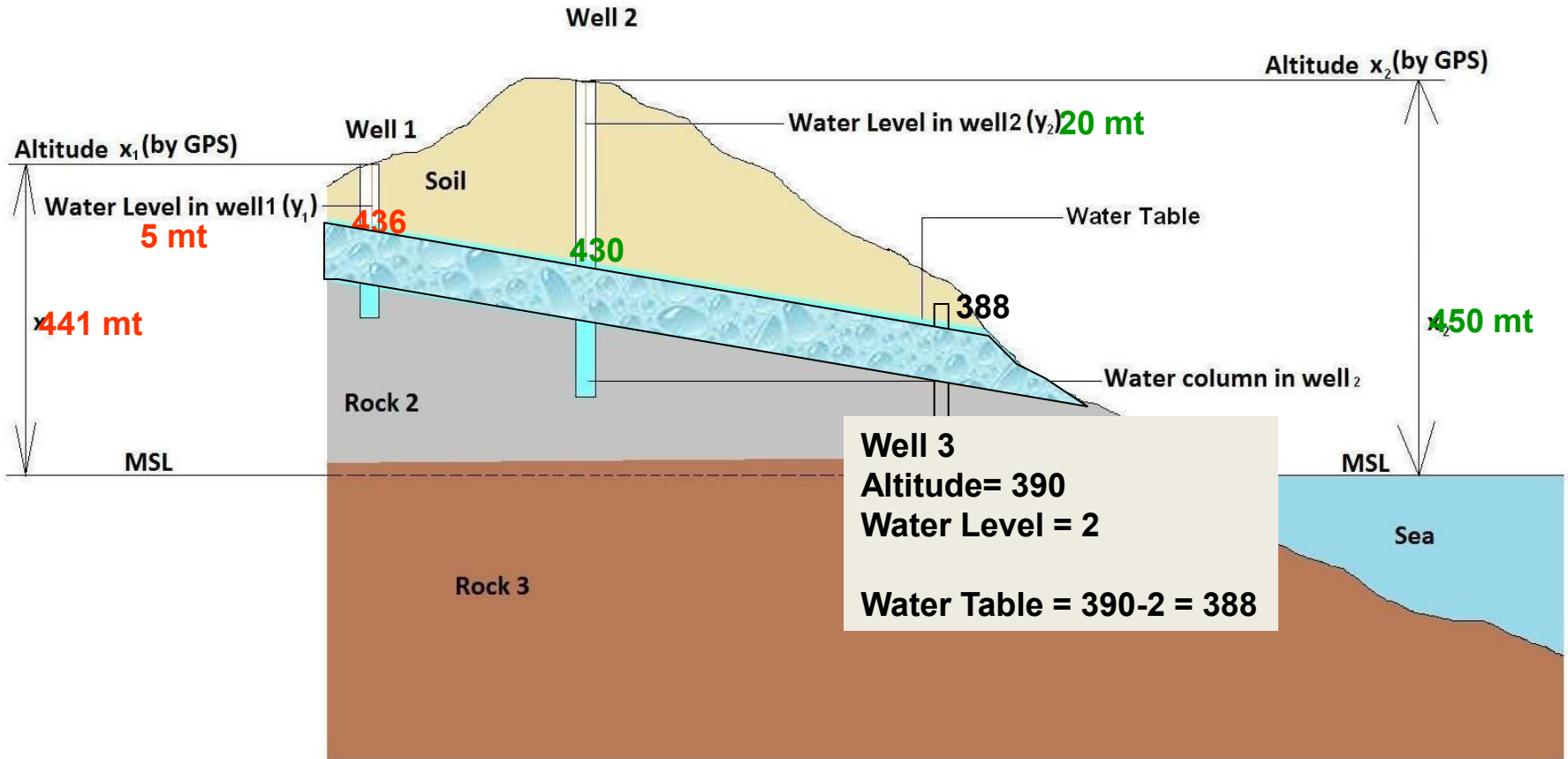
1. Put the GPS/Mobile on the ground
2. Measure the depth to water from the ground

Don't:

1. Don't put the Mobile on parapet wall
2. Don't measure the depth from parapet wall



How to measure Water Table



Well 3
 Altitude= 390
 Water Level = 2
 Water Table = 390-2 = 388

Water Table in Well 1 = 441-5 = 436

Water Table in Well 2 = 450-20 = 430

Water Level in well n = y_n meter

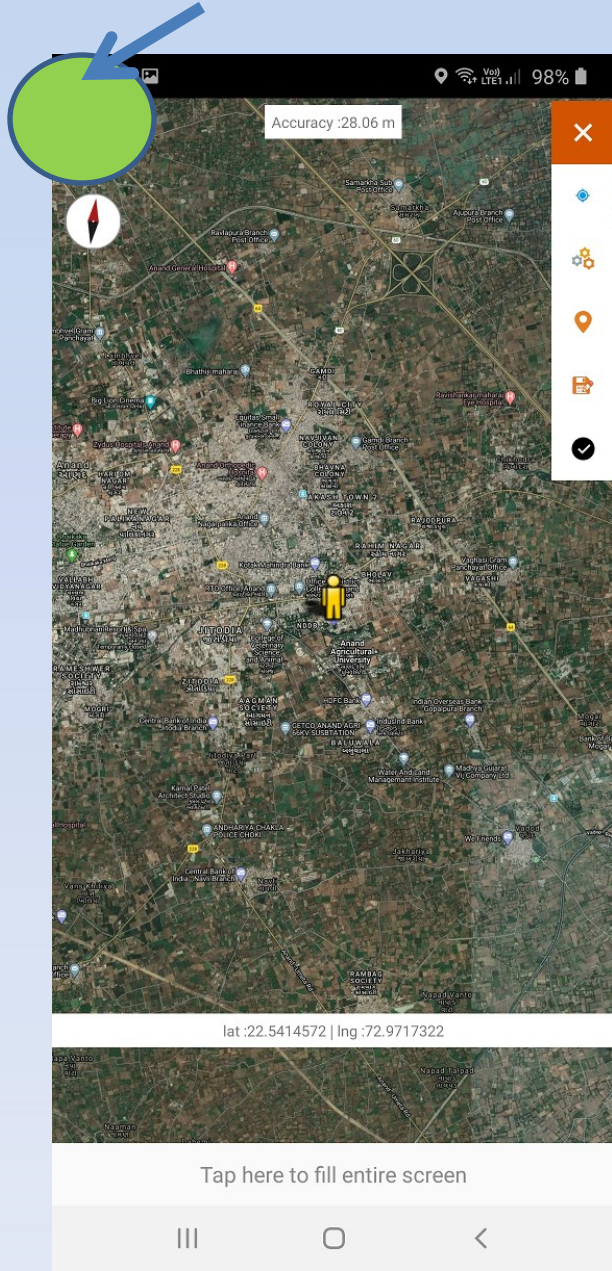
Altitude = x_n meter (from msl)

Water Table = average of $(x_n - y_n)$ of different wells

Ground Water Flow From $(x_1 - y_1)$ to $(x_2 - y_2)$ = 436 to 430 to 388

Collection of Data


Click the button to capture screen and location data



11:10 98%

Questionnaire

GeoPoint :
22.5414572 72.9717322 -9.10 28.06



All * marked questions are mandatory

State Name *

Select Answer

District Name *

Block Name *

Village Name *

SUBMIT

Tap here to fill entire screen

III O <

Collection of Data

Nos of Questions	Questions	Data input methods
Q1	Screen capture and Location (Lat/Long/Alt)	Button press
Q2	State-District-Block-Village	Dropdown
Q3	Habitation Name	Text
Q4	Name of the Well owner/well	Text
Q5	Type of Well (Open/Bore)	Dropdown
Q6	Does the well have water (Yes/No)	Dropdown
Q7	If Yes- Depth to water, If No- Well depth	Text
Q8	Photograph	Button press

Fill up the form

11:11 98%

Questionnaire

All * marked questions are mandatory

State Name *
Gujarat

District Name *
Anand

Block Name *
Anand

Village Name *
Gopalpura

Choose form *
Well Monitoring

SUBMIT

Tap here to fill entire screen

Fill up the form

11:11 97%

Questionnaire

Well Monitoring

Choose form *
Well Monitoring

Habitation Name
mangalpura

Name of the well owner/the well *

Type of Well *

Bore Well

Open Well

ADD PHOTO

SUBMIT

Tap here to fill entire screen

11:12 97%

Questionnaire

Well Monitoring

Habitation Name
mangalpura

Name of the well owner/the well *

Type of Well *
Open Well

Is there water in the well? *
Yes

Depth to water level from ground (m) *

Photograph of Well *

ADD PHOTO

SUBMIT

Tap here to fill entire screen

Submit the data

Click submit button to save the data in mobile

11:13 VoLTE 97%

Questionnaire

Well Monitoring

Habitation Name
mangalpura

Name of the well owner/the well *
chiraniit

Well_Monitoring_14-May-2020_11.13.28

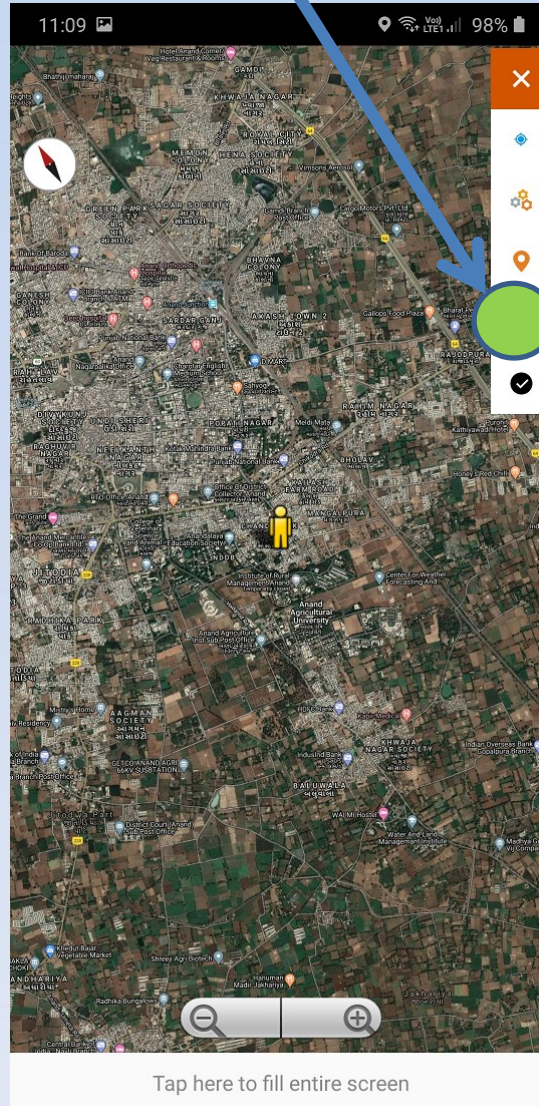
OK

Photograph of Well *
CHANGE PHOTO

SUBMIT

Tap here to fill entire screen

Click here to see the saved form



11:13 VoLTE 97%

Saved Forms

Form name :
Well_Monitoring_14-May-2020_11.13.28
Saved at : 2020-05-14 11:13:28

Select and Upload the form

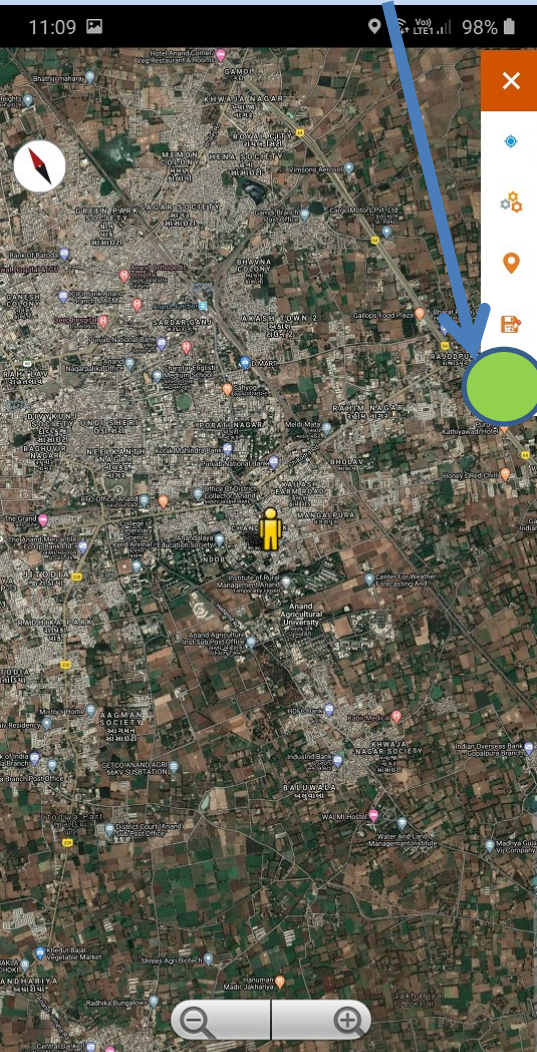
You can check synced data on
<https://wmt.indiaobserver.org.in>
Username:guest
Password:guest2018

VIEW

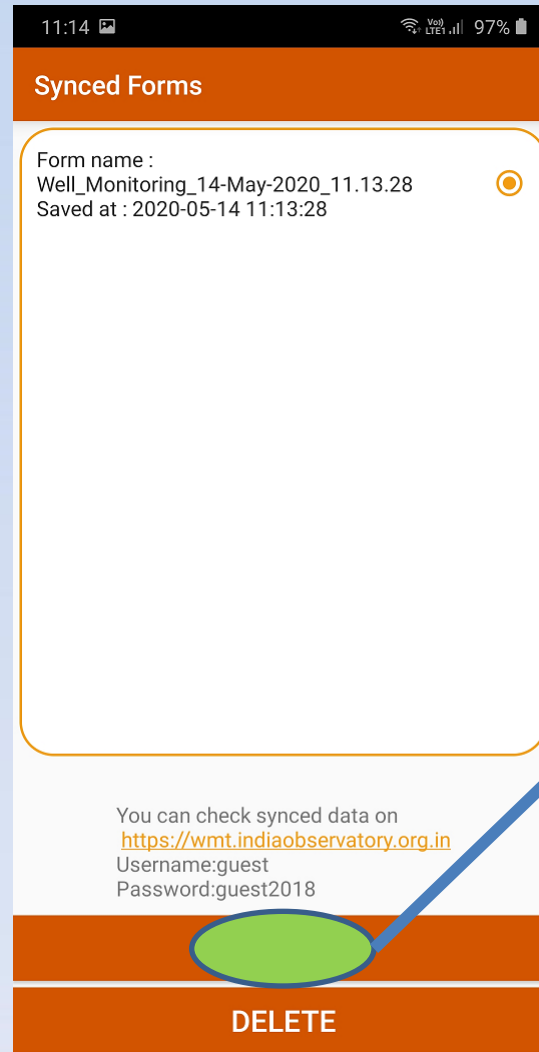
Tap here to fill entire screen

Data visualization after submission in mobile

Click here to see the form after submission also



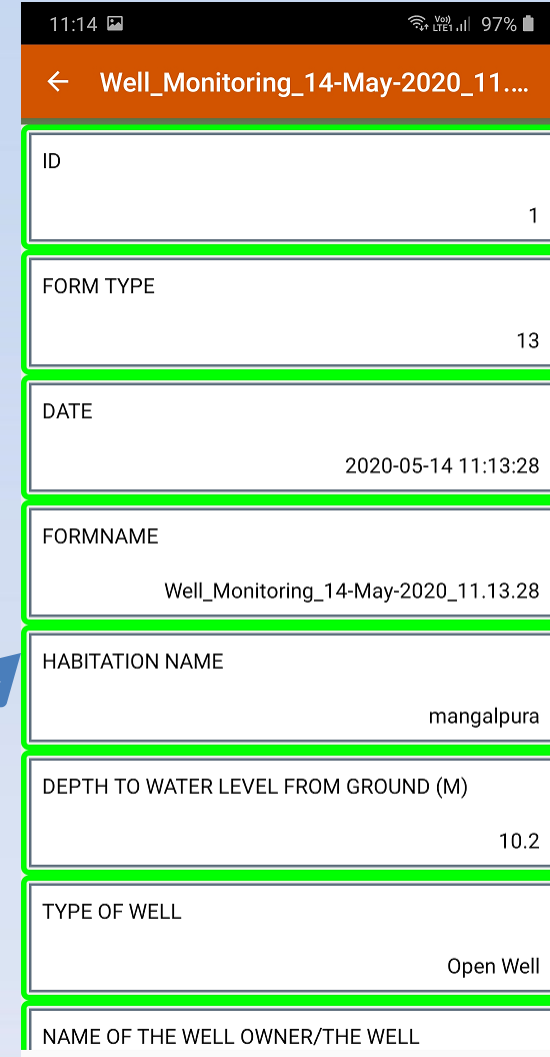
Tap here to fill entire screen



You can check synced data on
<https://wmt.indiaobservatory.org.in>
Username: guest
Password: guest2018

DELETE

Tap here to fill entire screen



NAME OF THE WELL OWNER/THE WELL

Tap here to fill entire screen

Data visualization after submission in portal <https://wmt.indiaobservatory.org.in>



The screenshot shows a web browser window with the URL wmt.indiaobservatory.org.in. The page features the India Observatory logo, which consists of a blue circle containing a green circuit-like pattern. Below the logo, the text "India Observatory" is displayed. The main content is a "Login to Portal" form with two input fields: the first contains the text "guest" and the second contains a series of dots representing a password. A green "LOGIN" button is positioned below the password field. At the bottom of the form, the text "Version 1.1" is visible. Below the form, there is a section for downloading the Android app, with the text "Download the Android App" and a green button labeled "WMT v1.1" featuring an Android robot icon. Below this button, the text "Last Updated on: 09-05-2020" is displayed.

Temporary User id: guest
Password: guest2018

Data visualization after submission in portal <https://wmt.indiaobservatory.org.in>

Well Monitoring Portal

Synced Forms

Show 50 entries

Sr. No.	User Name	Organization	Phone	Form Name	Form Type	Trace Type	Measure	District	Block	Village	Field Photo	Date	Action
1	Chiranjit Guha	FES	9830032098	Well_Monitoring_14-May-20...	Well Monitoring	GeoPoint	-	Anand	Anand	Gopalpura		14-05-2020 04:43:20	
2	keertan das baghel	fes	7987683514	Well_Monitoring_13-May-20...	Well Monitoring	GeoPoint	-	Mandla	Bichhiya	Banji		13-05-2020 10:38:20	
3	Nitish Nikam	FES Mandla	9421416931	Well_Monitoring_13-May-20...	Well Monitoring	GeoPoint	-	Mandla	Bichhiya	Aurai (Orai)		13-05-2020 10:37:59 pm	
4	Chiranjit Guha	FES	9830032098	Well_Monitoring_13-May-20...	Well Monitoring	GeoPoint	-	Anugul	Athmallik	Dalaki		13-05-2020 09:05:55 pm	
5	Mitesh Tandel	FES	9328058805	Well_Monitoring_12-May-20...	Well Monitoring	GeoPoint	-	Kheda	Nadiad	Nadiad (M + OG)		12-05-2020 07:59:18 pm	
6	Chiranjit Guha	FES	9830032098	Well_Monitoring_12-May-20...	Well Monitoring	GeoPoint	-	Nadia	Chakdah	Ballabhpur		12-05-2020 05:26:14 pm	
7	Mitesh Tandel	FES	9328058808	Well_Monitoring_12-May-20...	Well Monitoring	GeoPoint	-	Kheda	Nadiad	Nadiad (M + OG)		12-05-2020 04:51:58 pm	
8	Mitesh Tandel	FES	9328058808	Well_Monitoring_12-May-20...	Well Monitoring	GeoPoint	-	Kheda	Nadiad	Nadiad (M + OG)		12-05-2020 04:45:26 pm	
9	Chiranjit Guha	FES	9830032098	Well_Monitoring_11-May-20...	Well Monitoring	GeoPoint	-	Anand	Anand	Anand (M + OG)		12-05-2020 12:02:00 am	
10	lakhan singh chouhan	FES	9174891155	Well_Monitoring_09-May-20...	Well Monitoring	GeoPoint	-	Udaipur	Gogunda	Rawaliya Kalan Chak (1)		09-05-2020 07:43:35 pm	
11	Chiranjit Guha	FES	9830032098	Well_Monitoring_09-May-20...	Well Monitoring	GeoPoint	-	Rhilwara	Mandaleach	Beekran		09-05-2020 06:22:31 pm	

Showing 1 to 31 of 31 entries

Previous 1 Next

Click here to see the forms

Click here to download data in pdf

Features to be added to the Well Monitoring Portal

- Download data in excel format
- Visualisation of the data as graphs and maps

Thank you

