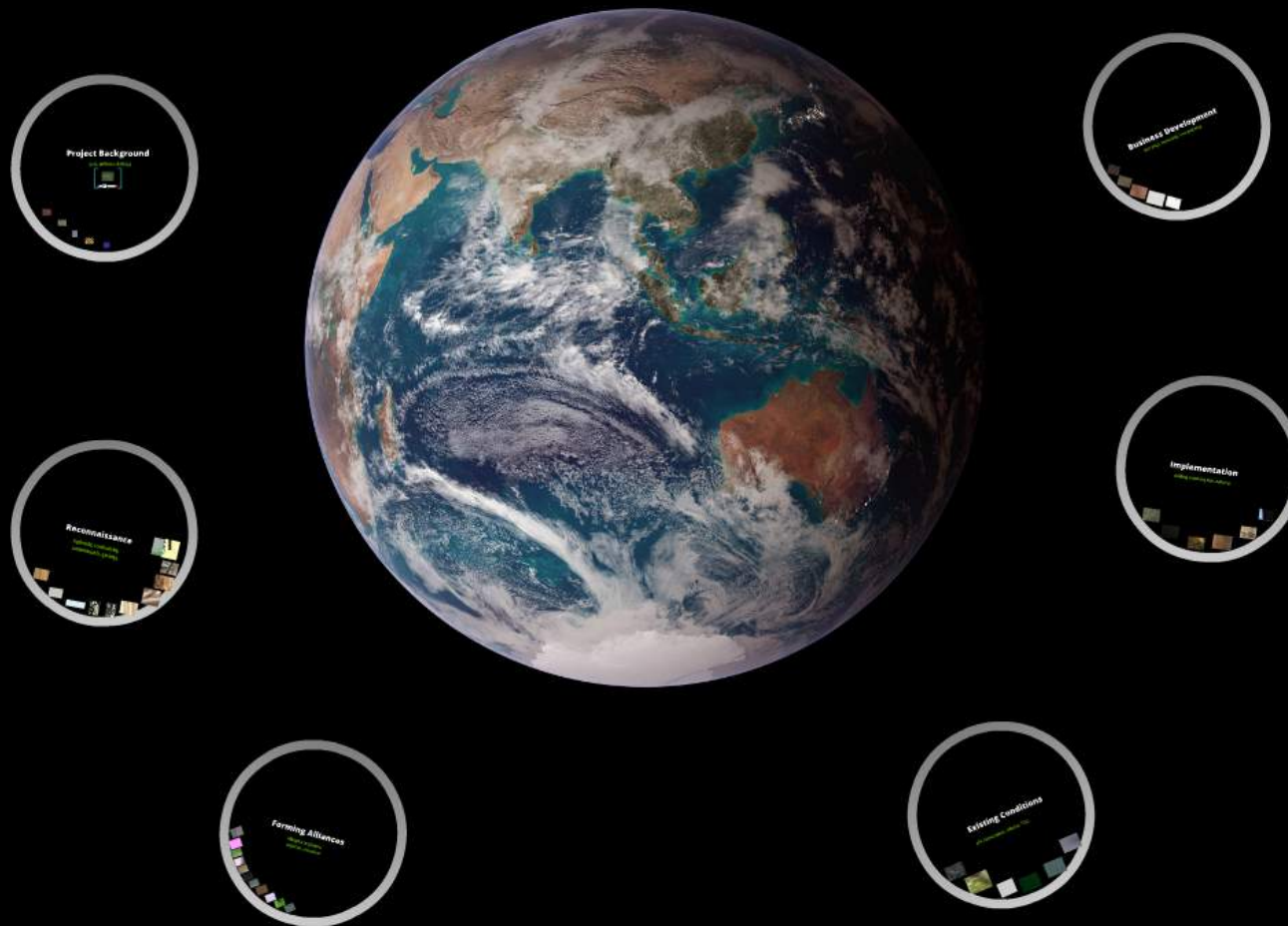




Mission: Provide Clean Water

Location: Dandeli, India

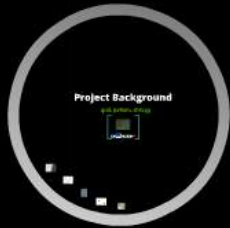
Amanda Cording, PhD



Mission: Provide Clean Water

Location: Dandeli, India

Amanda Cording, PhD



Project Background

goal, partners, strategy



Project Background

goal, partners, strategy







ROTARY CLUB OF PANJIM MID - TOWN
SAFE DRINKING WATER



Donated By: House of Caculo's & House of Dempo's



SAFE DRINKING WATER
MINERAL WATER
REFILLING BOTTLE
1 CUP - Rs. 1/-
1/2 LITTER Rs.2/-
1 LITTER Rs



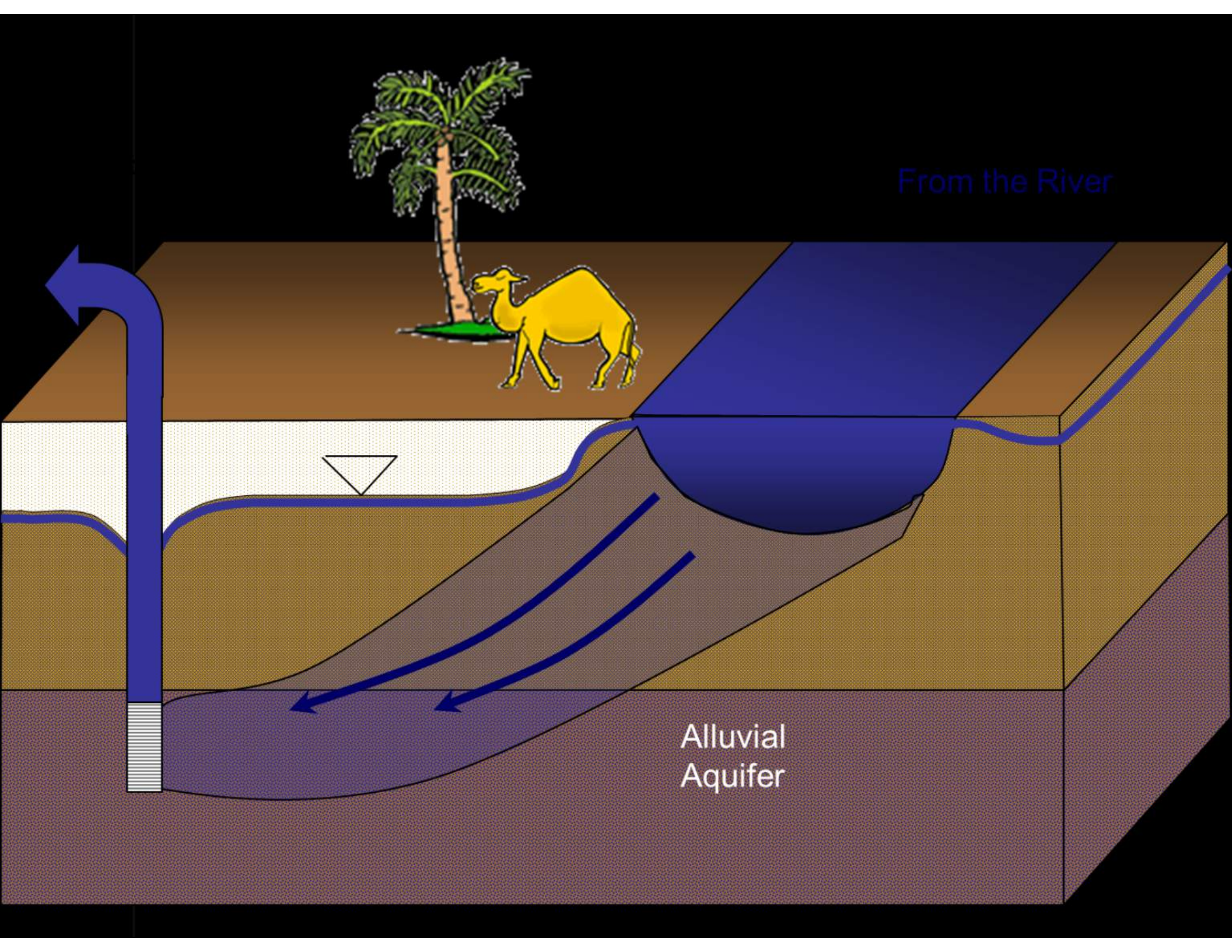
WATER TANK

GA-01
T-0055

STOP
SIGNAL

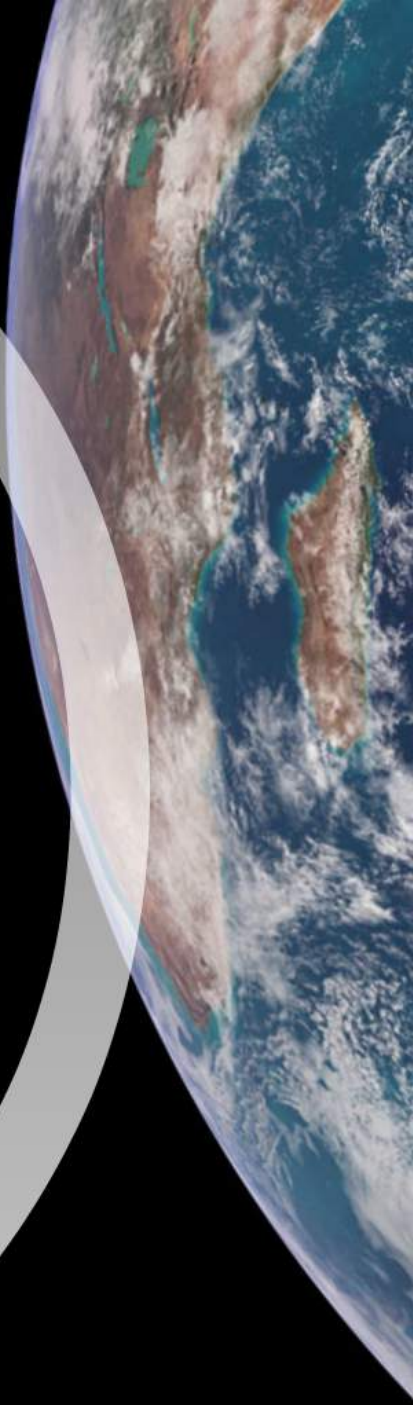
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9





Reconnaissance

hydraulic conductivity,
contaminants, geology

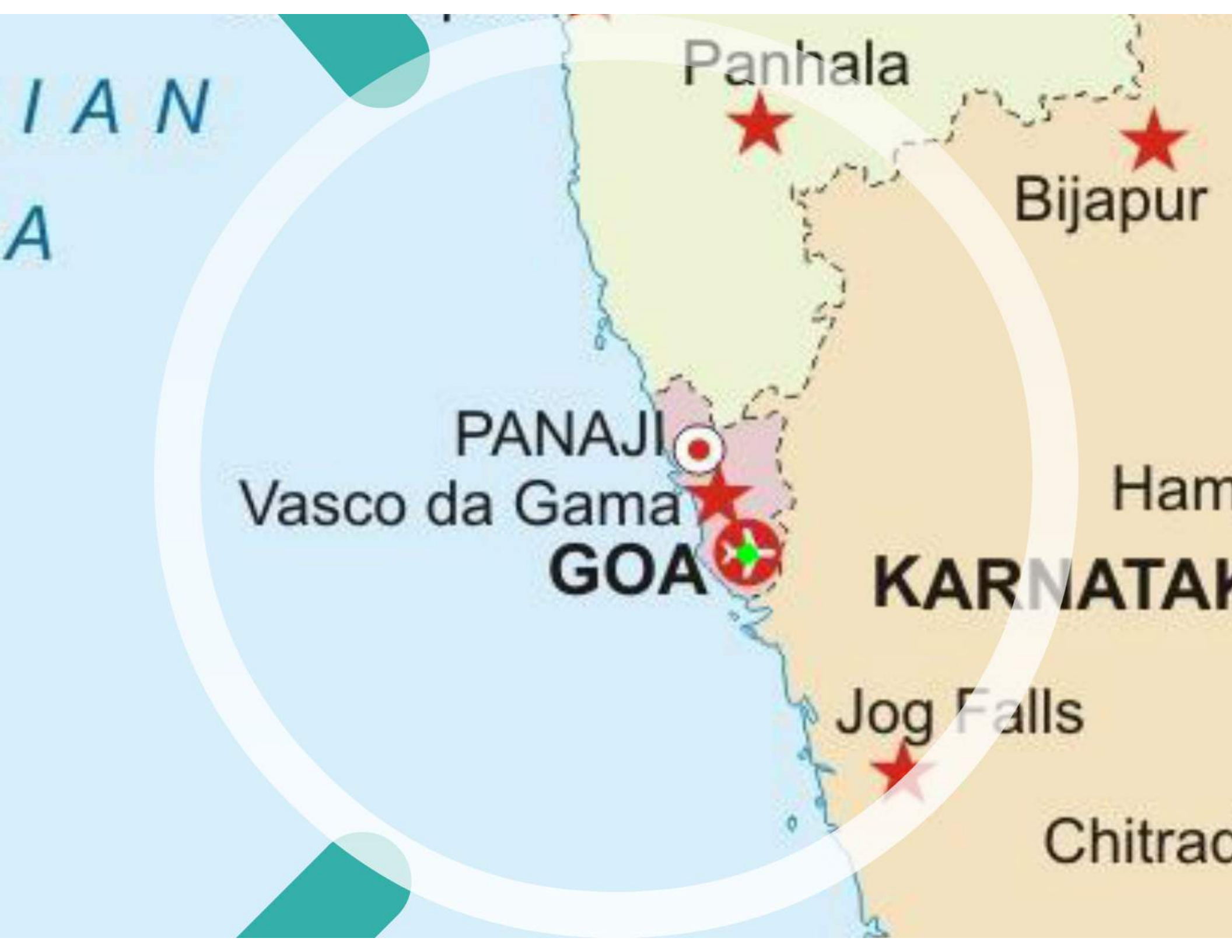




Reconnaissance

*hydraulic conductivity,
contaminants, geology*





IAN
A

Panhala

Bijapur

PANAJI

Vasco da Gama

GOA

KARNATAKA

Ham

Jog Falls

Chitrad





AMBICA DIGITAL PHOTO ART STUDIO
COLOUR LAB
100% Pure Printing - Digital Centre
Print Location - 1st floor, 1st block

DENTAL CLINIC
DENTAL SERVICES
DENTAL X-RAY

EVEREKA
JEWELLERY STORE















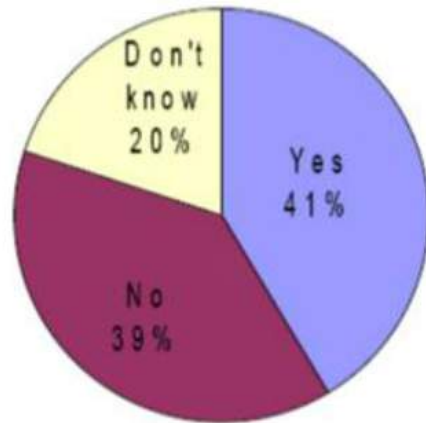


Forming Alliances

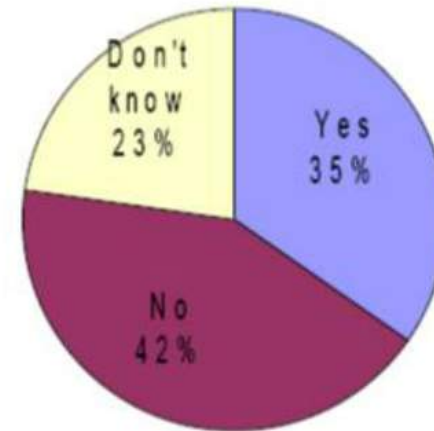
*villagers, professors,
corporate executives*

Willingness to Pay for Save Water

Q 23: Willing to Pay for Improved Water QUALITY



Q 25: Willing to Pay for Improved CONVENIENCE



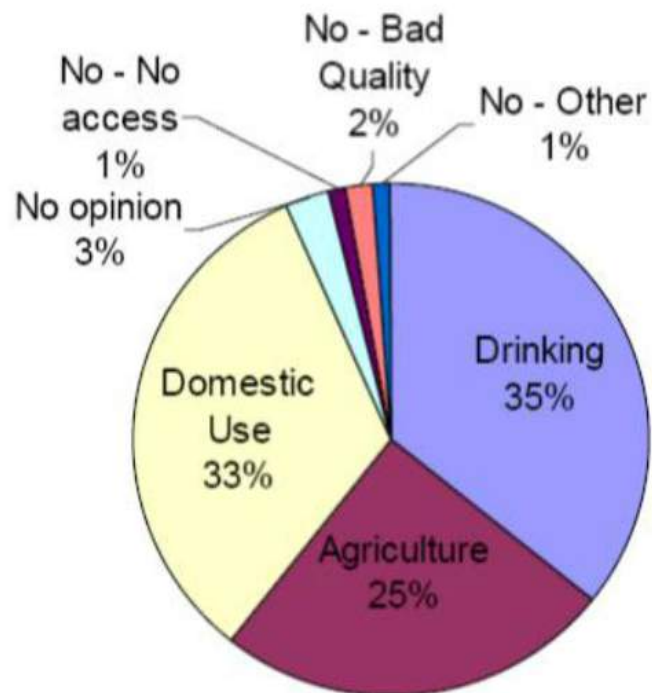
Q 24: Willing to Pay for Improved Water QUALITY



Current Usage of River Water



Q 26: Currently Usage of River Water



DANDELI EDUCATION SOCIETY'S
BANGURNAGAR DEGREE COLLEGE





What is a promising RBF site:

- 1. High potential for water recharge
- 2. High potential for water storage
- 3. High potential for water discharge
- 4. High potential for water infiltration
- 5. High potential for water retention
- 6. High potential for water evaporation
- 7. High potential for water condensation
- 8. High potential for water absorption
- 9. High potential for water desorption
- 10. High potential for water transport



MICROBIOLOGY DEPARTMENT











Existing Conditions

pH, nitrate, nitrite, chlorine, TSS



Existing Conditions

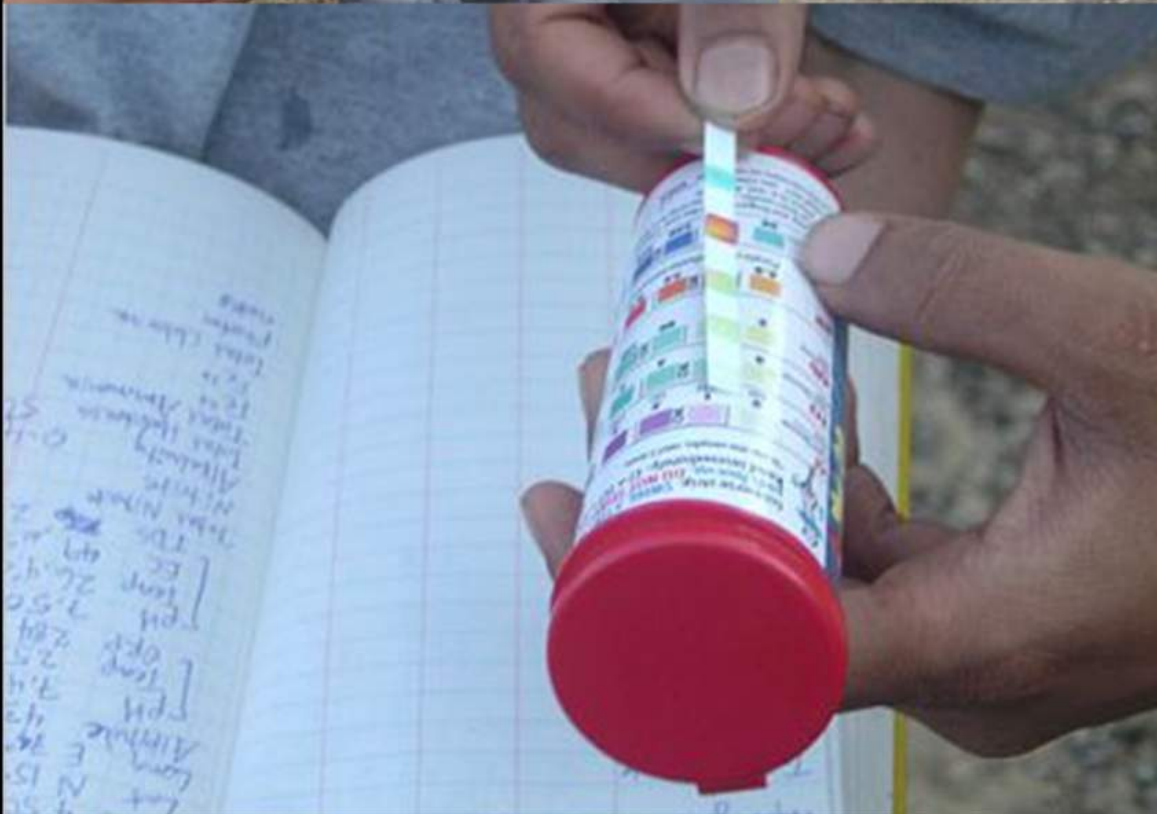
pH, nitrate, nitrite, chlorine, TSS





Water Testing

pH
Temperature
ORP
EC / TDS
Nitrate / Nitrite
Alkalinity / Hardness
Ammonia
 Fe^{2+} / Fe^{3+}
Chlorine



Immerse strip. SWIRL the pads face up. DO NOT SHAKE. Read immediately. Cl + FCl

*In cup-size samples, swirl 5 times.

Cl Free Chlorine (Bromine) ppm	0 (0)	1 (3)	3 (6)
FCl Total Chlorine ppm	0	1	3
Alk Alkalinity ppm	0	40	80
pH	6.8	7.2	7.6
Hard Total Hardness ppm	50	100	250

TIPS:

- Keep wet fingers out of the water.
- For best results, use distilled water.

Total Nitrate (as N) (end pad)

0	0.5	2
---	-----	---

PPM (mg/L)

Nitrite (as N) (pad nearest handle)

0.15	0.3
------	-----

Maximum

HACH

Water Quality Test Strips for

Ammonia

PPM (mg/L)

0.0	0.1	0.2	0.5	2.0
-----	-----	-----	-----	-----

METHOD A

Dip one test strip into a 250mL (8oz) water sample and swirl gently. Remove strip and wait 30 seconds. Hold strip and swirl through hole in cap for 5 seconds. Then compare to match with color chart.

METHOD B

Dip one test strip into a 250mL (8oz) water sample and swirl gently. Remove strip and wait 30 seconds. Then compare to match with color chart.

EM Quant® 10019-1

Sulfate Test

100 Tests

mg/L SO₄²⁻

Quant

Water Quality Test Strips for Ammonia

EM Quant





Implementation

drilling, installing pipe, delivery.



Implementation

drilling, installing pipe, delivery







KALIN
MC13113







Business Development

user pays, ownership, transparency



Business Development

user pays, ownership, transparency









MW - B
21/08/07

RIVER
21/08/07





Mission 1 Status: Complete

Mission: Provide Clean Water

Location: Dandeli, India

Amanda Cording, PhD

