Ecology & Livelihoods

Case study of Jaisamand Catchment Area: Jhamri Sub-Basin

Based on data
provided by

Jaisamand Consortium

SPWD

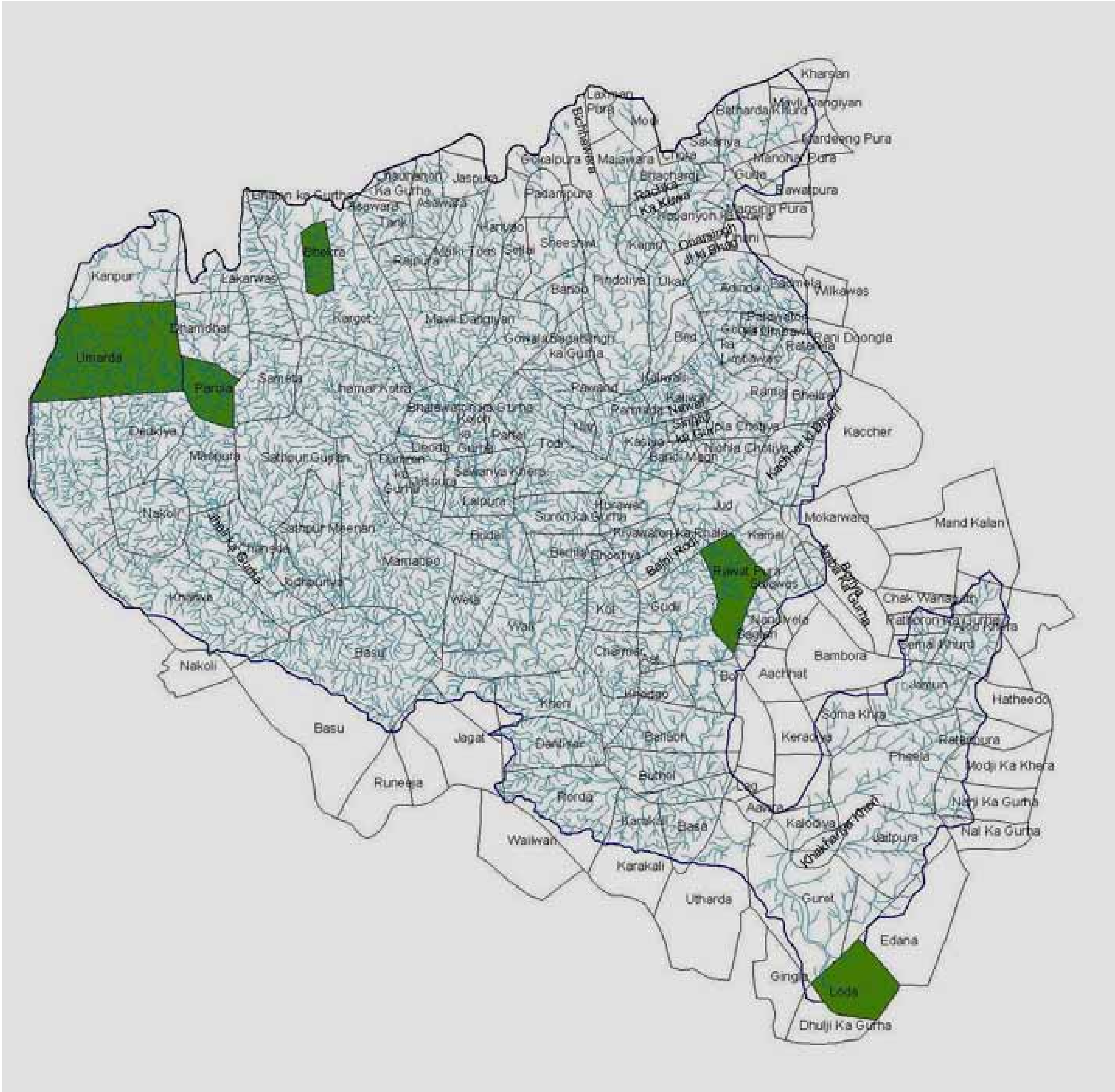
FES
FOUNDATION FOR ECOLOGICAL SECURITY

QUICK OVERVIEW

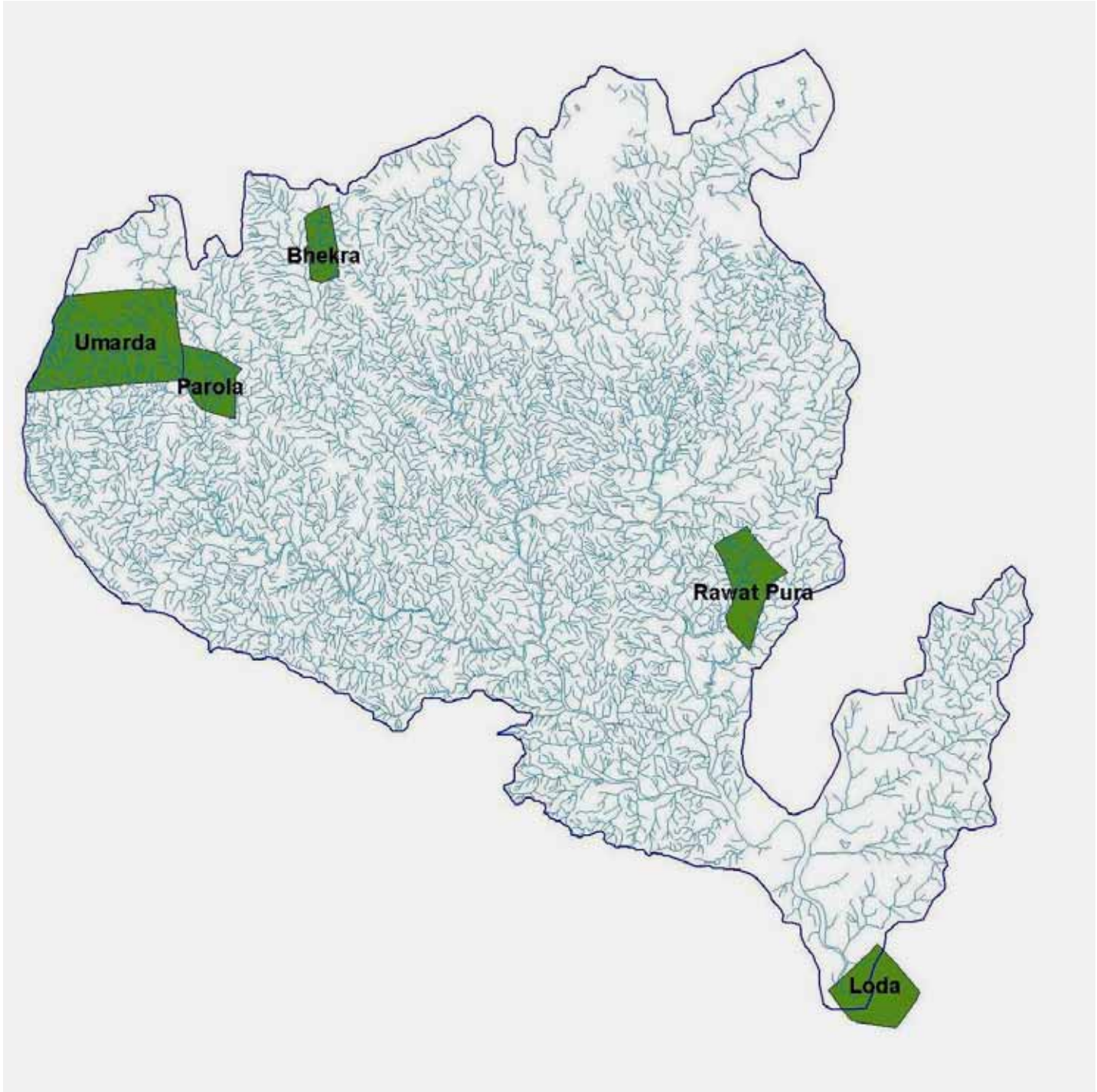
Village selection criteria

- Industrial area
- Stone mining
- Sand mining
- Agriculture & Animal husbandry (Dangi-Rawat)
- Protected Area

JHAMRI MAP


Kharsan
Mavli Dangiyan
Mardeeng Pura
Bawatpura
Wilkawas
Rani Doongla
Kaccher
Mokarwara
Mand Kalan
Bambora
Aachhat
Hatheedo
Soma Khra
Keradiya
Modji Ka Khera
Nal Ka Gurha
Jaitpura
Edana
Loda
Dhulji Ka Gurha
Utharda
Karakali
Wailwan
Runeeja
Jagat
Basu
Nakoli
Kanpur
Umarda
Parda
Lakarwas
Jaspura
Padampura
Banoo
Pindoliya
Mavli Dangiyan
Kot
Wali
Chamar
Bhoriya
Dhoriya
Gudi
Jud

DRAINAGE MAP



Major Ecological Indicators…

Availability

- Water
- Feed

Physiographic features & Soil condition

- Upstream – Midstream – Downstream
- Slope
- Soil - depth, structure

Social Indicators

- Livelihood pattern
- Social customs

Economic Indicators

- Investment pattern

Stress (Pollution)

- Bio – Indicators

  Nest

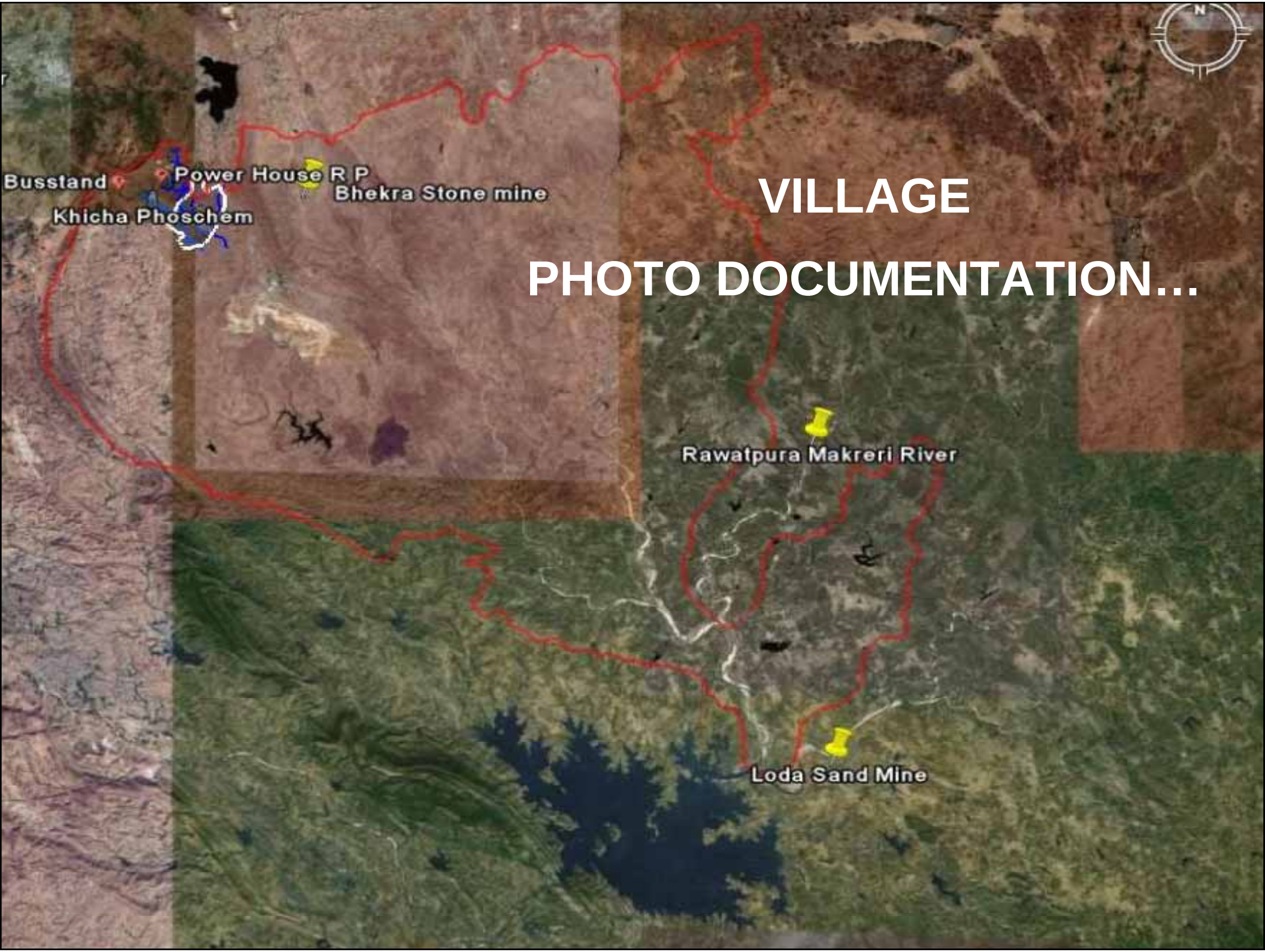
  Hives

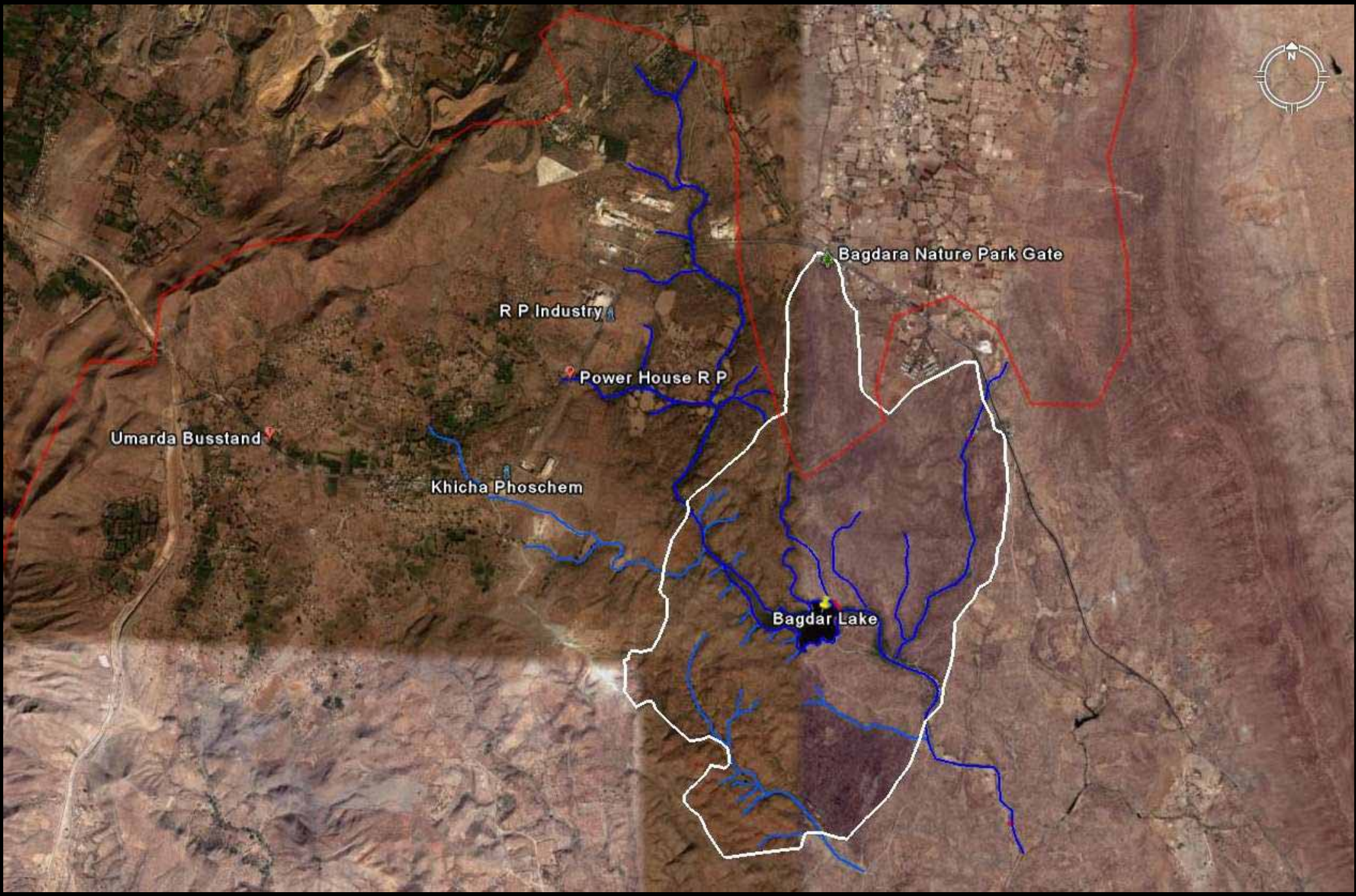
  Bat, Roosting

  Water bloom
- Physical Indicators

  Dust

  Water quality

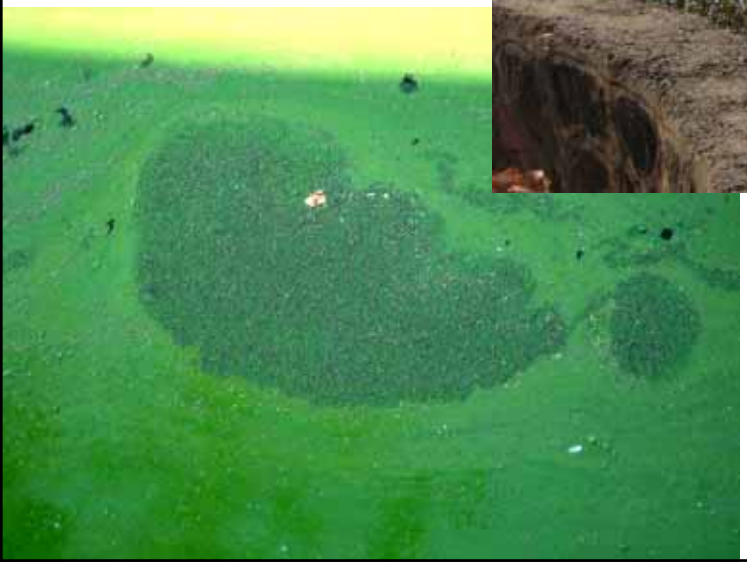

Busstand
Power House R P
Bhekra Stone mine
Khicha Phoschem
VILLAGE
PHOTO DOCUMENTATION…
Rawatpura Makreri River
Loda Sand Mine


Bagdara Nature Park Gate
R P Industry
Power House R P
Umarda Busstand
Khicha Phoschem
Bagdar Lake
N

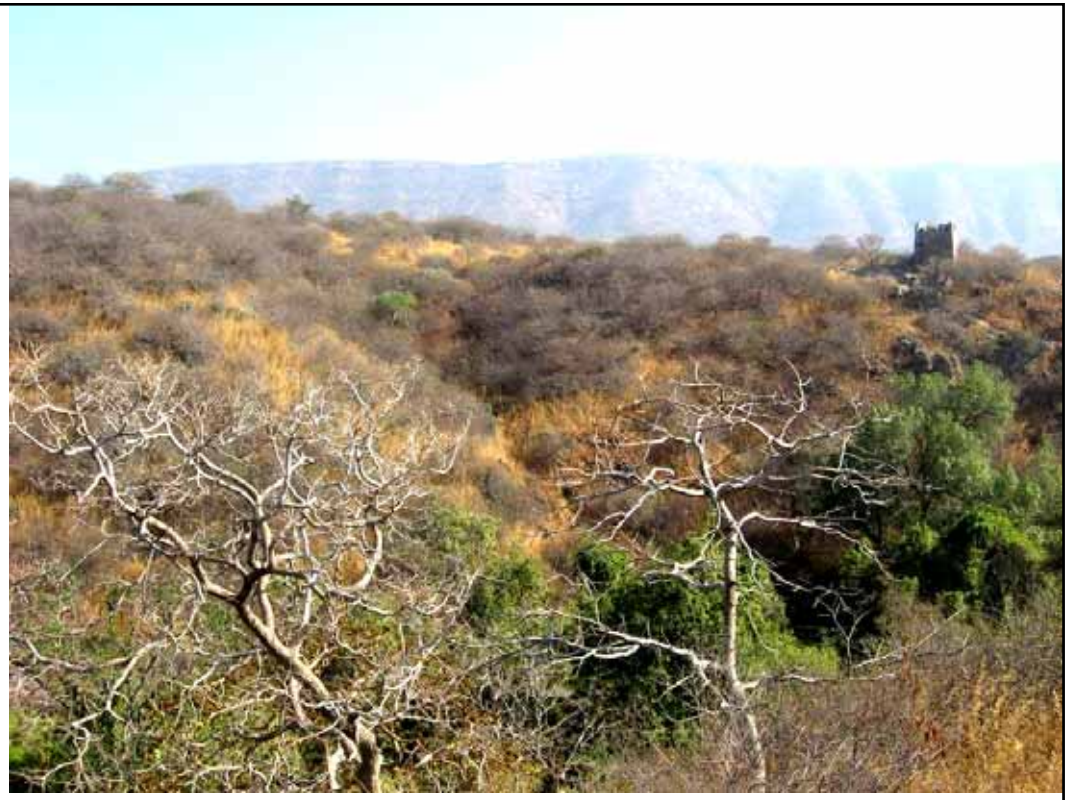
Industrial Area: Umarda

PAROLA (Control)

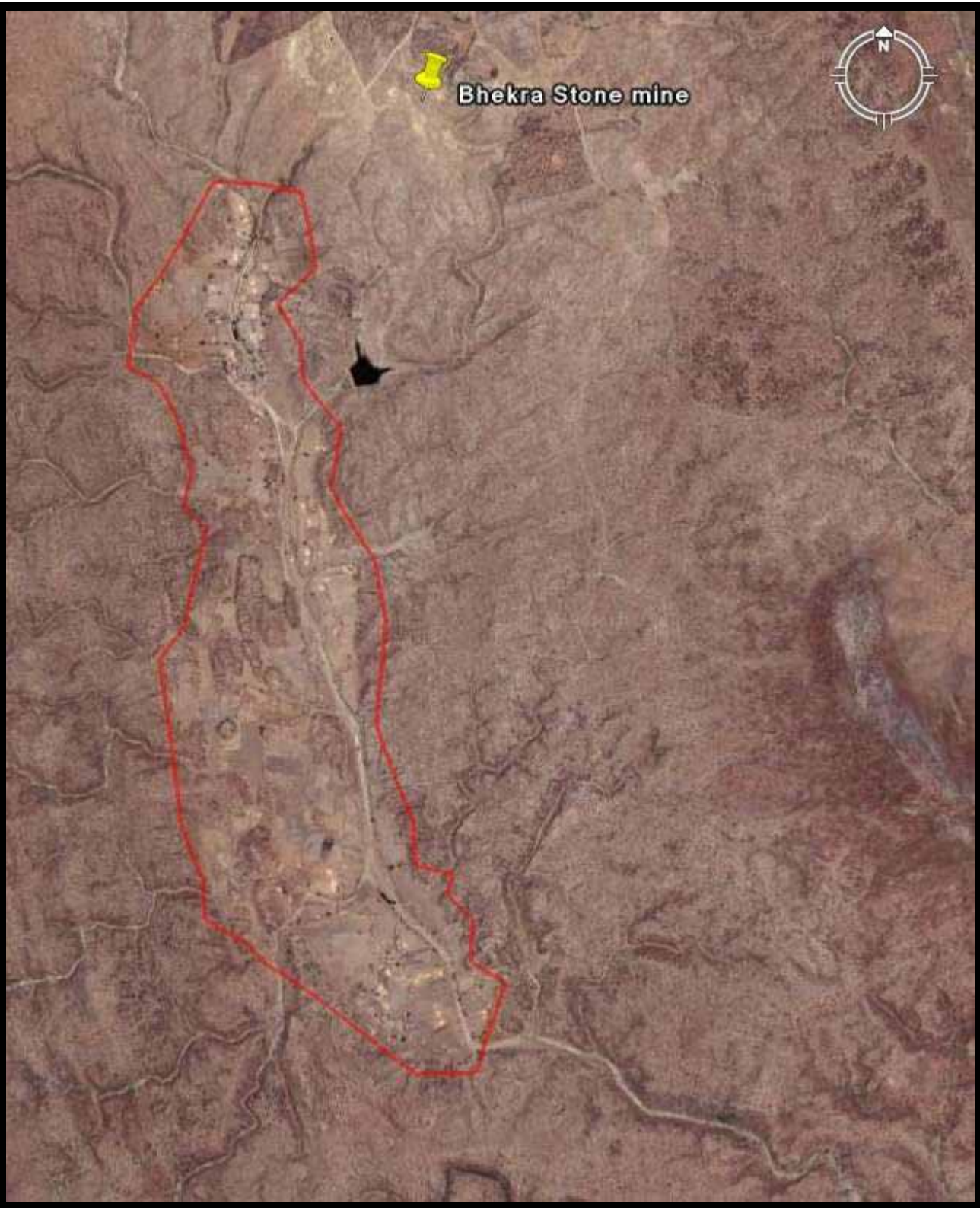
Baghdarrah NP



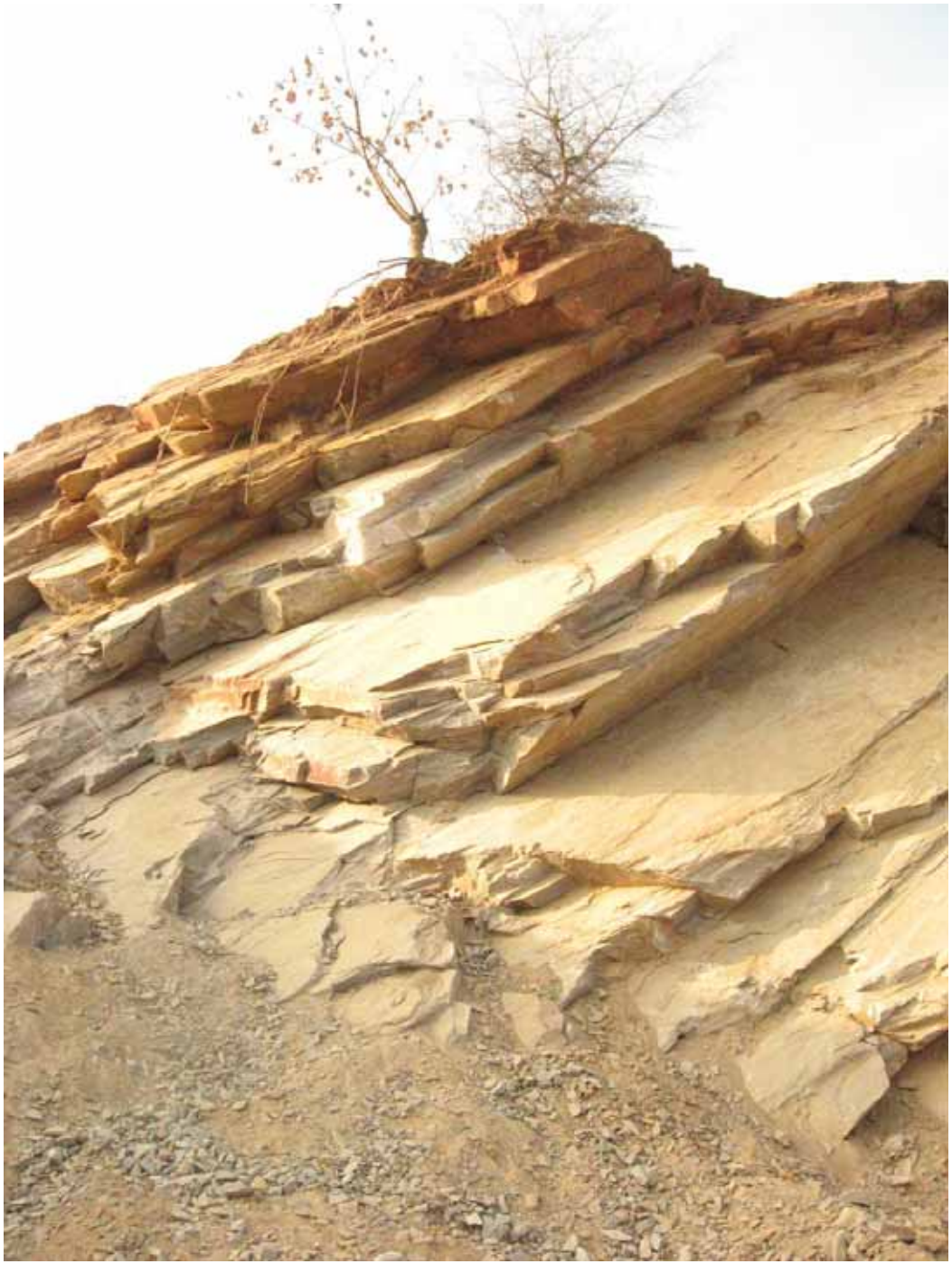
- Air Pollution
- Water Pollution
- Noise Pollution



सावधान
ॐ
बाबेश्वर महादेव


Bhekra Stone mine
N

Stone Mining : Bhekra



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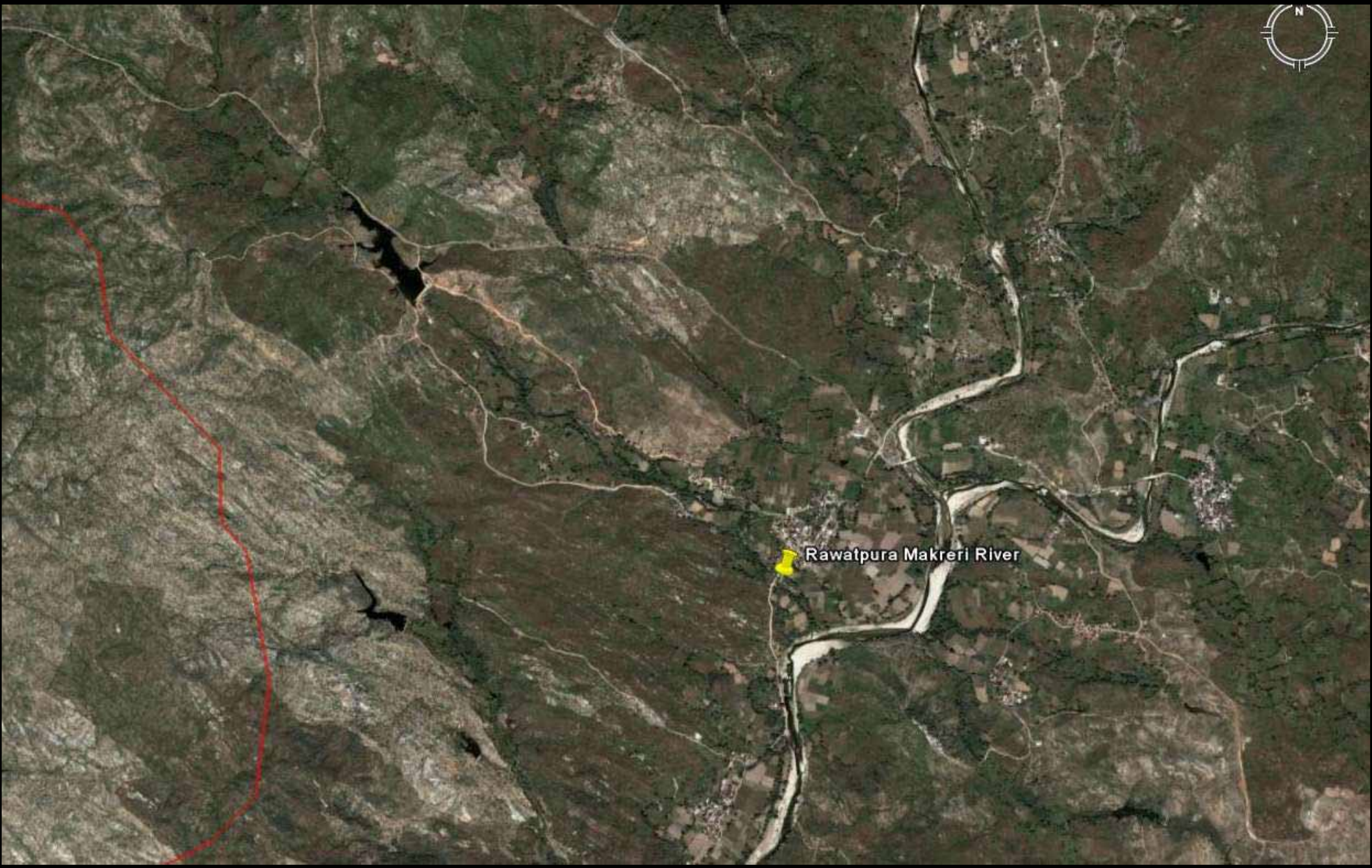
Loda Sand Mine

Sand Mining : Loda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Rawatpura Makreri River

Agriculture & A H : Rawatpura (Dangi)

Agriculture & A H : Rawatpura (Rawat)

Private Pastures : Rawatpura

Rapid Assessment

Implication for Micro Planning

- NREGA
- FRA
- BIODIVERSITY CONSERVATION : PBR
- WATERSHED
- EIA

THANKS