

# Rivers, Religion and Civilisation



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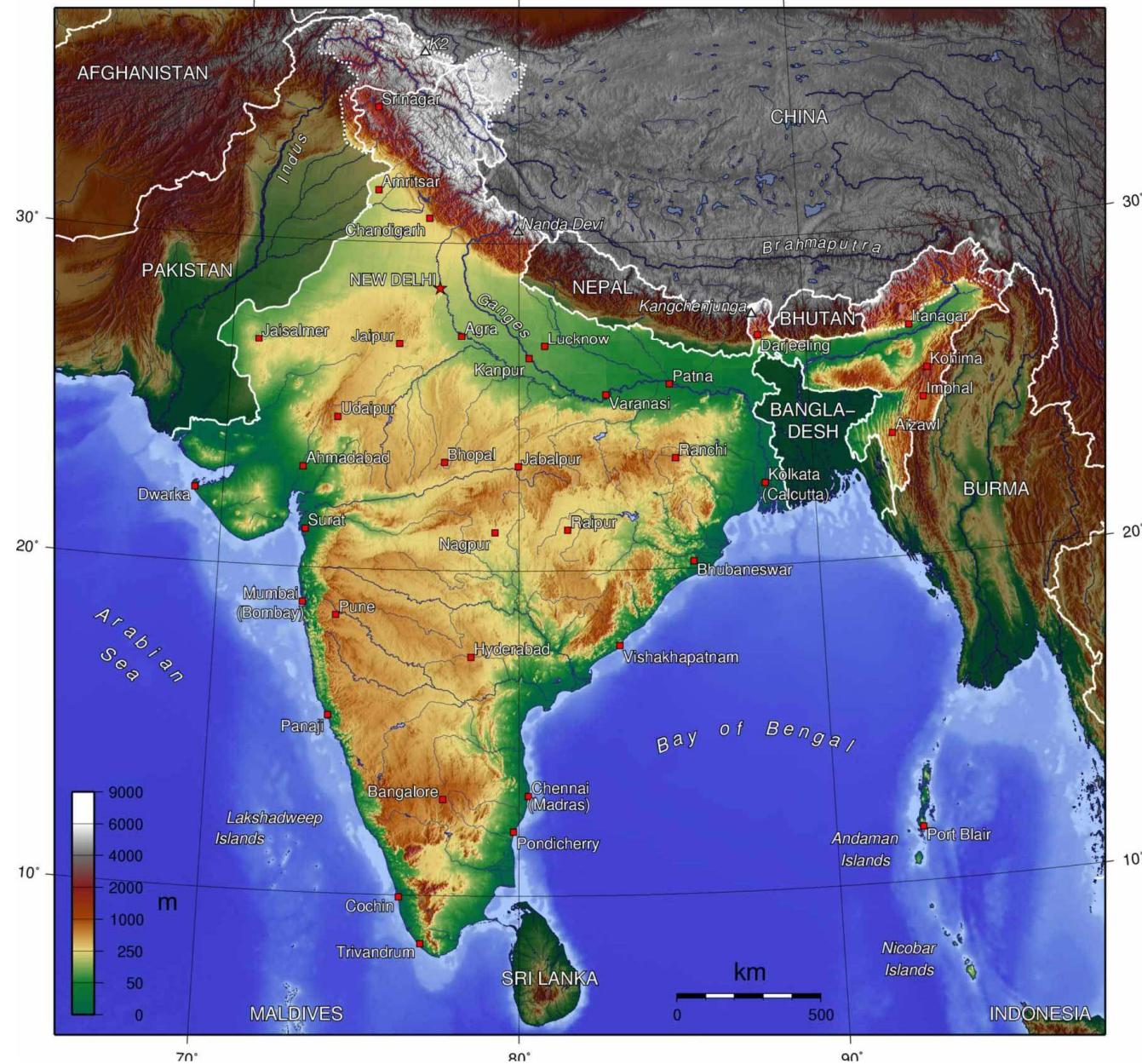
- Background (India, Varanasi, Ganges)
- Rationale & Research Strands

- Land and resource management
- Evolution of Civilisation & Religion
- Pure research (ancient seds)

} Subsurface  
Model



# India



# Varanasi



# Varanasi

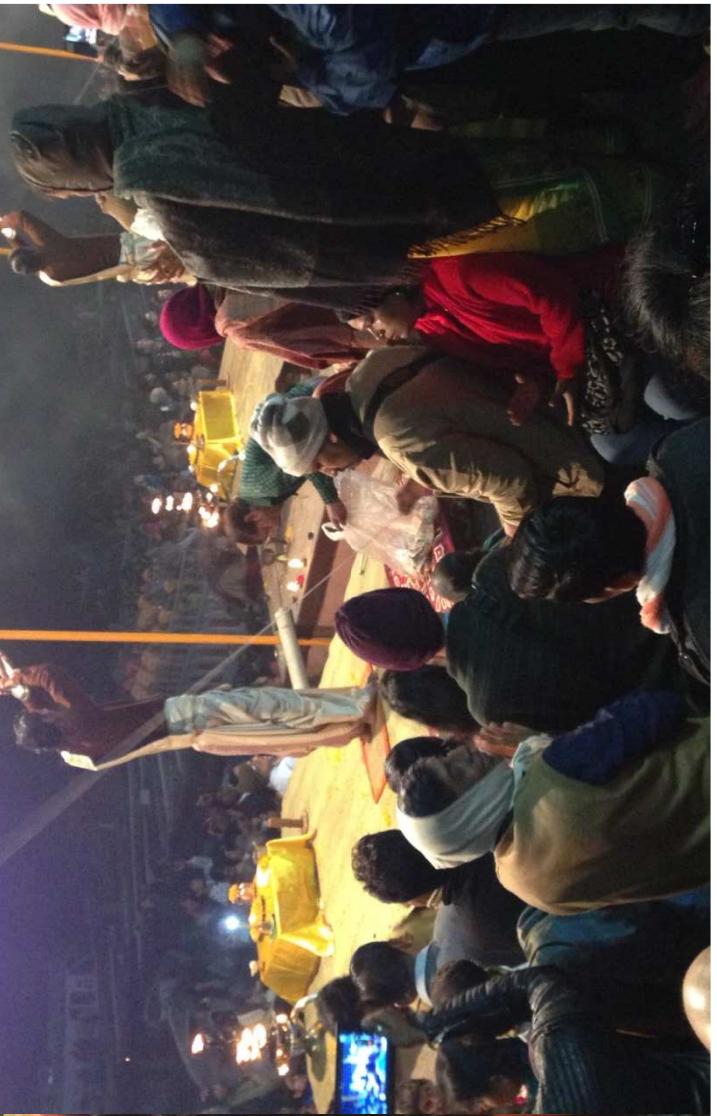


# The Ganges River



# The Ganga River & Religion

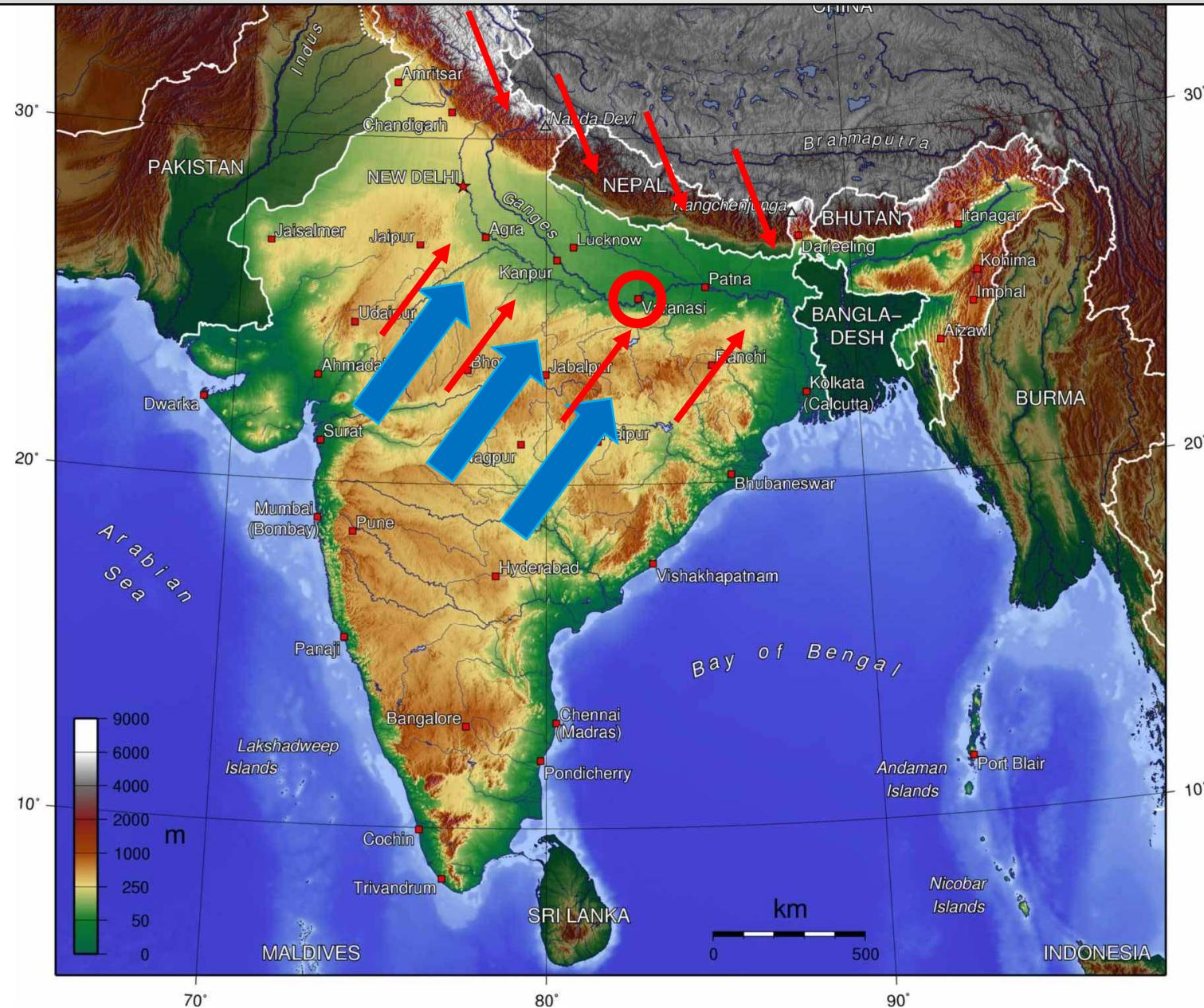




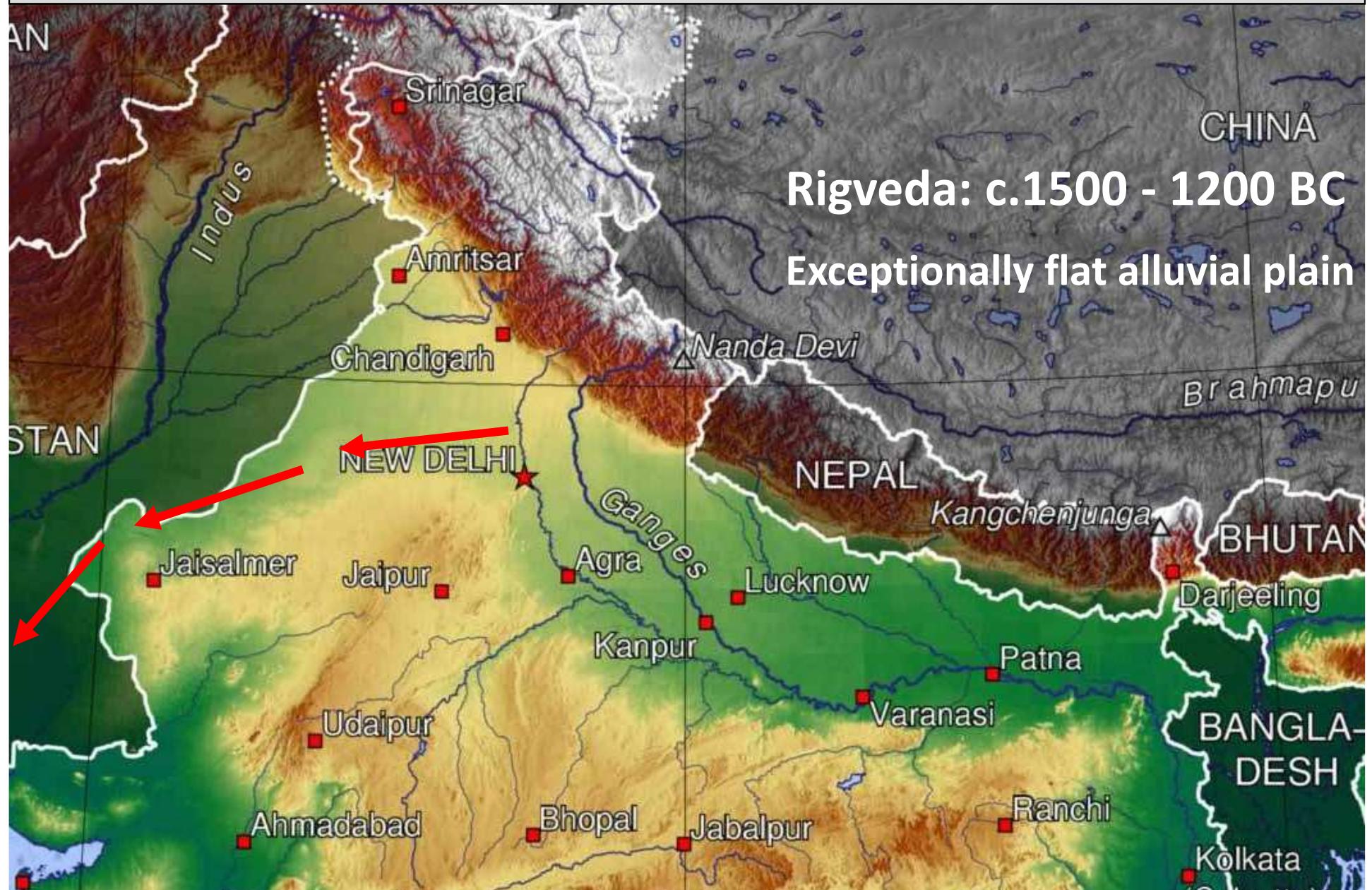
# The Ganga River & Religion



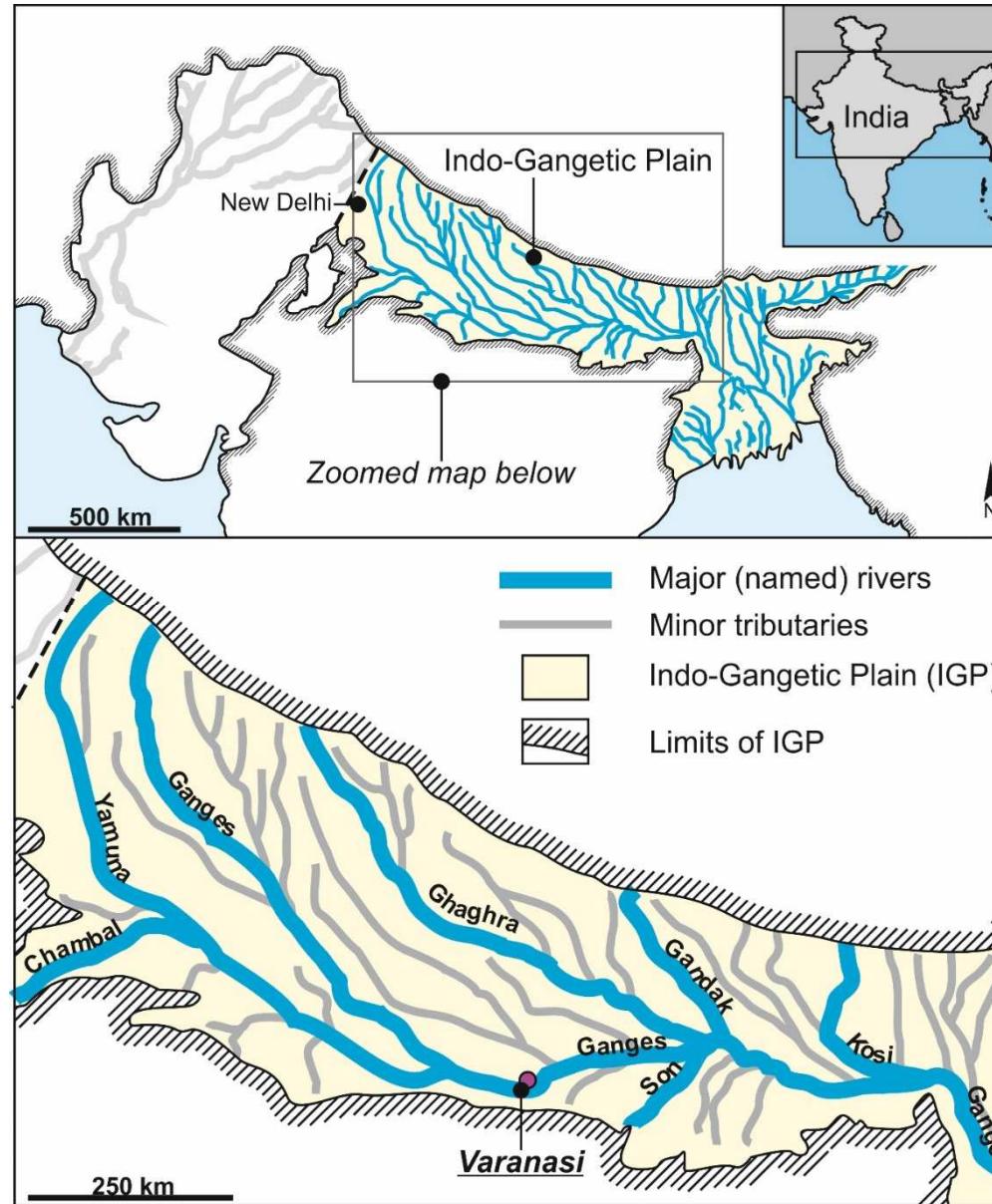
# Civilisation & the Ganga



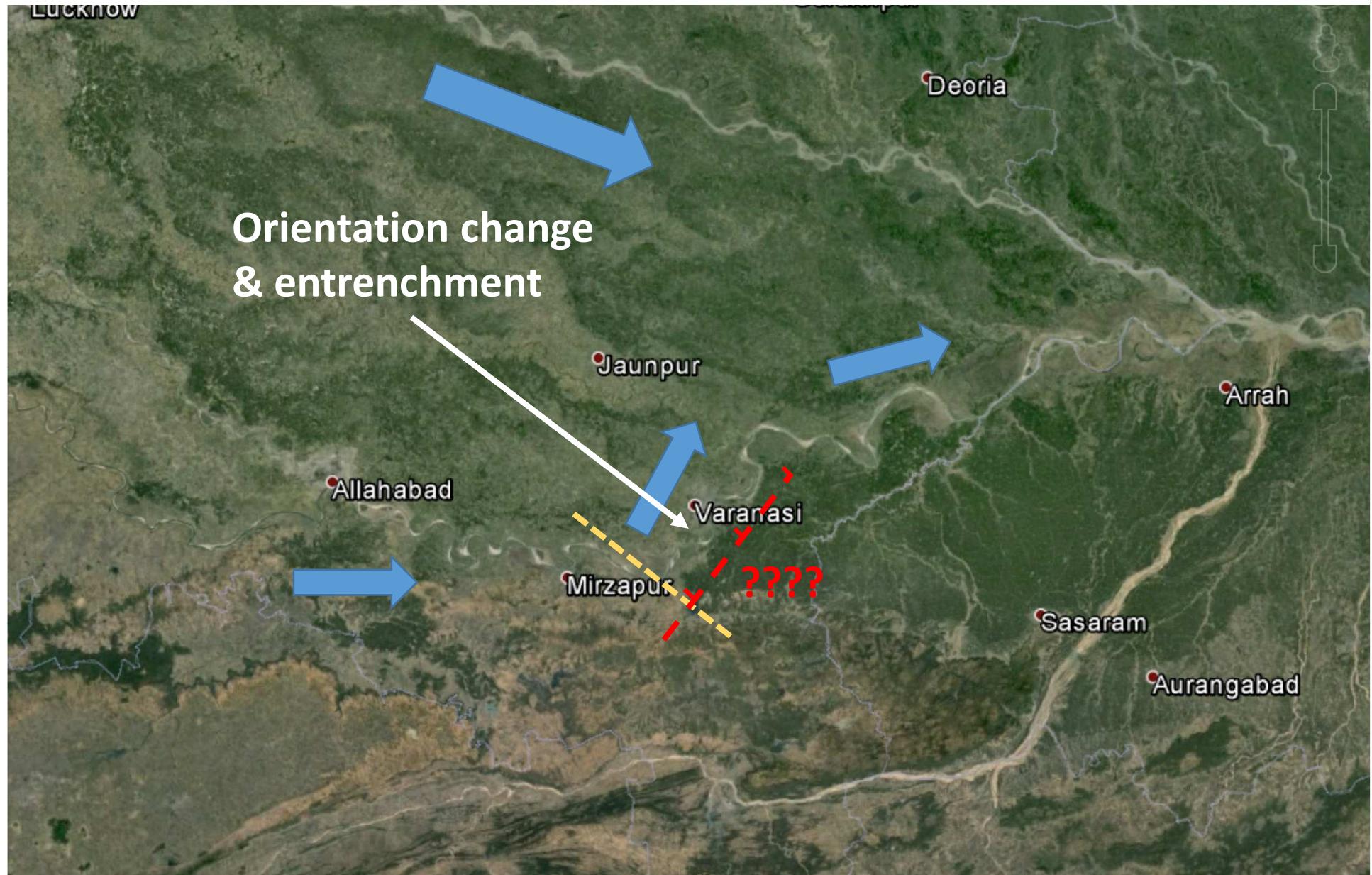
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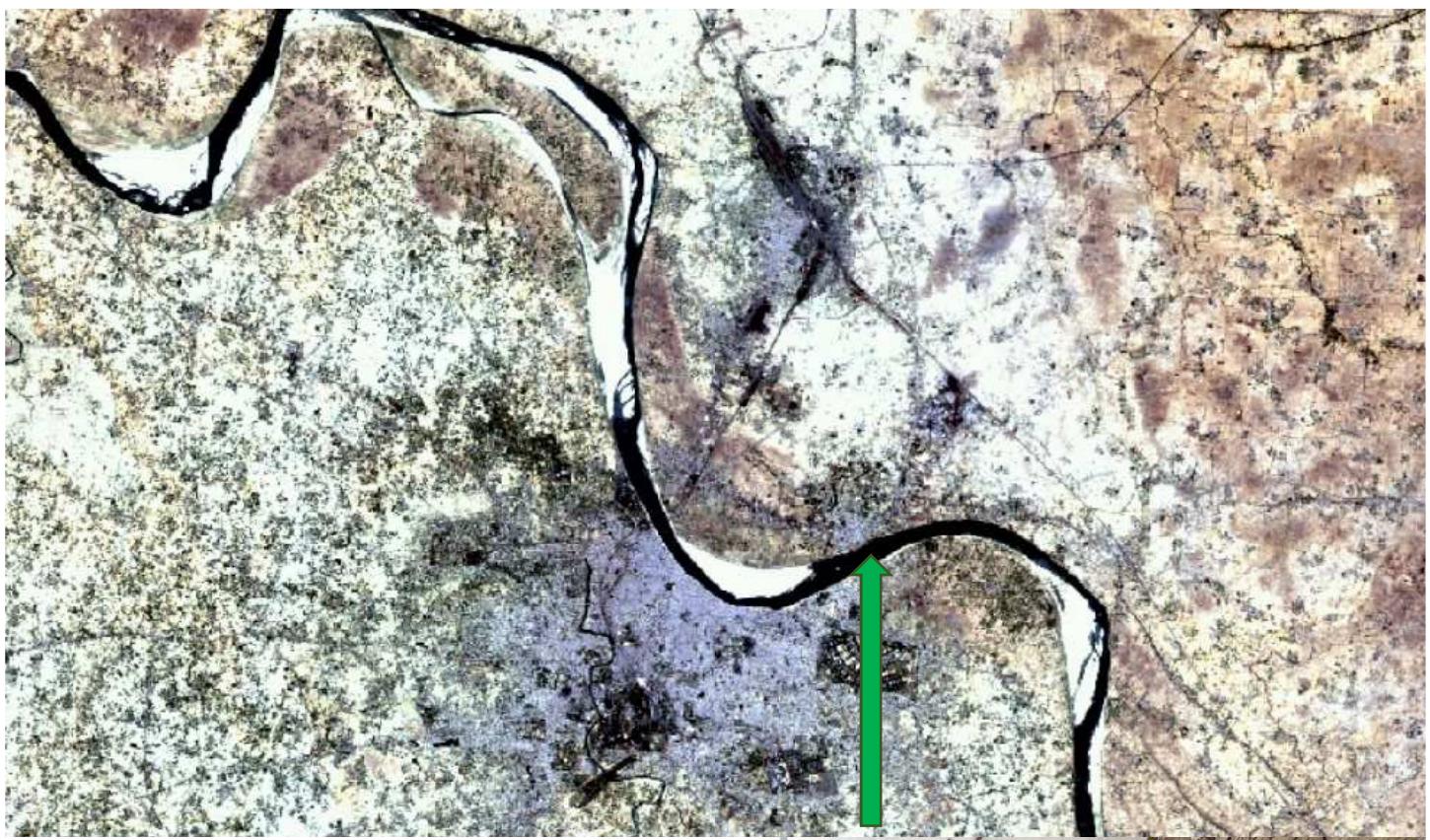


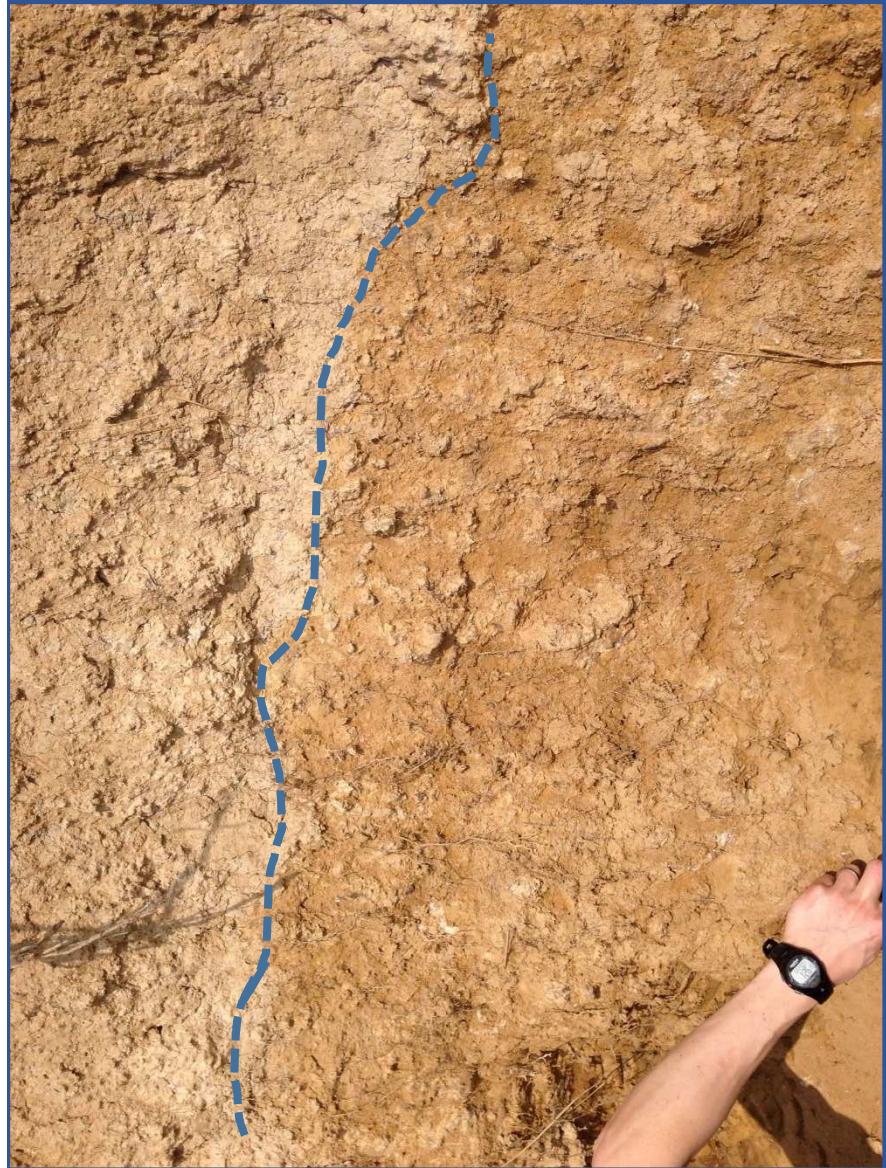
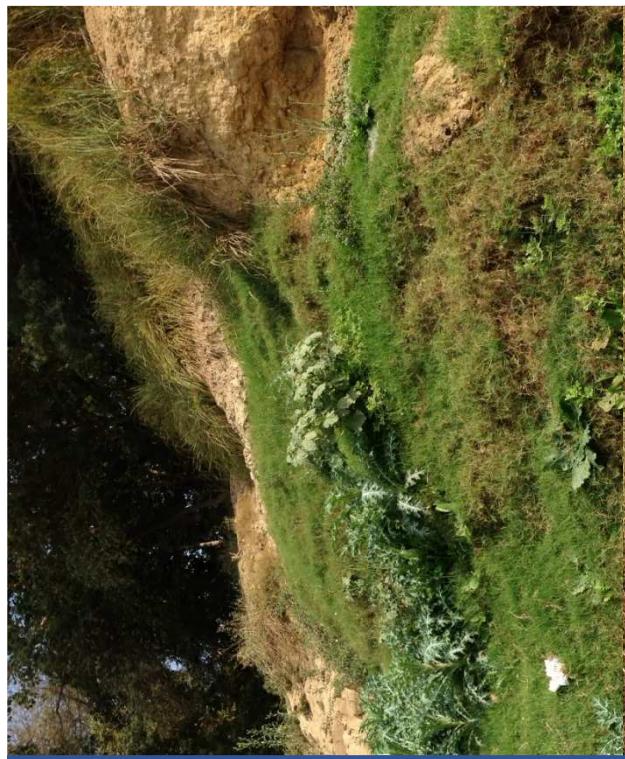
# Civilisation & the Ganga



# Civilisation & the Ganga







# Civilisation & the Ganga



# Water Resources



- Human consumption (*~2m ppl & growing*)
- Animal consumption (*minimal*)
- Industrial consumption (*cottage industry*)
- Transport (*tourists and residents*)
- Waste
- Wildlife

# Water Resources



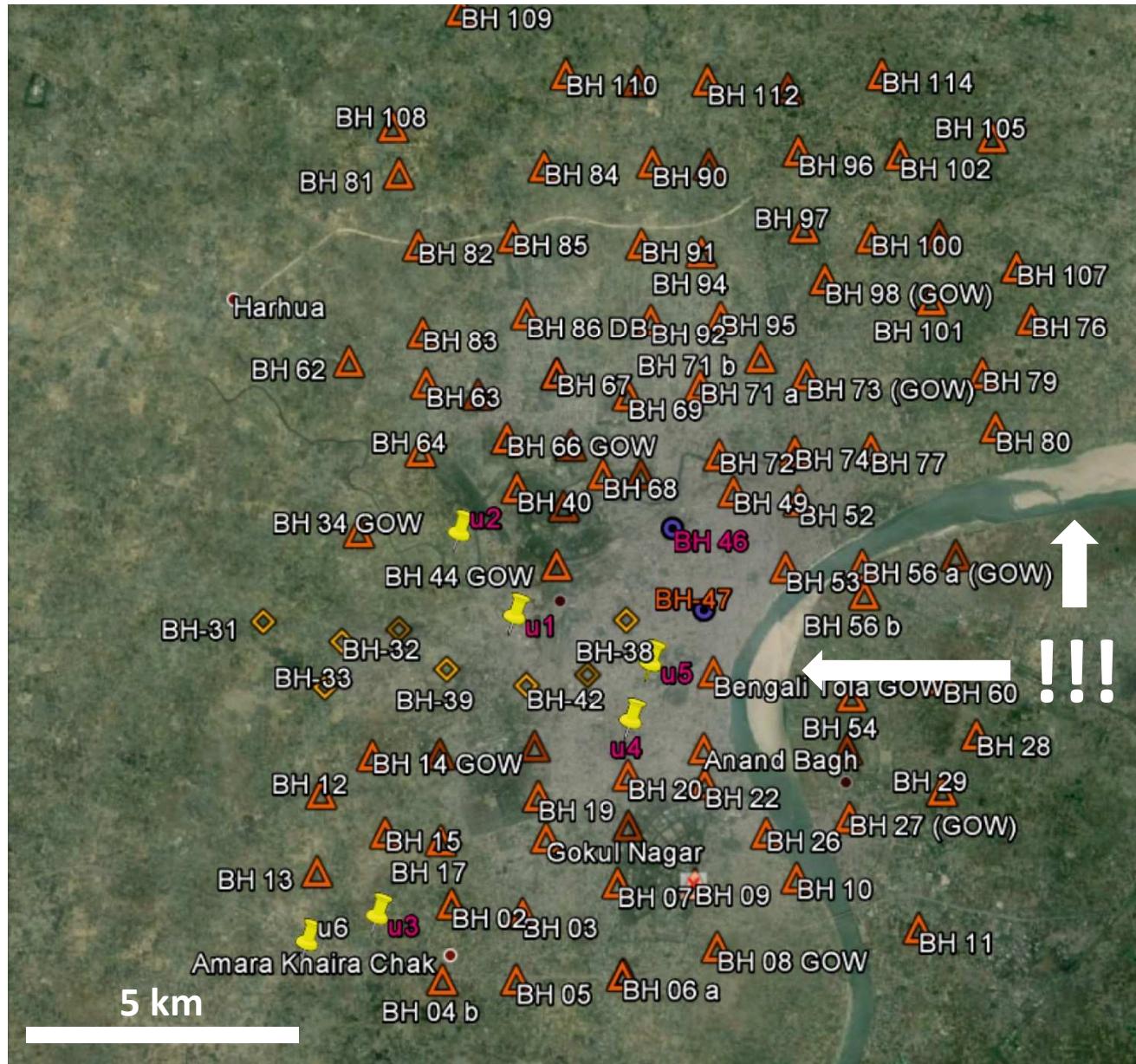
# Water Resources



# Water Resources



# Drilling campaign



# Drilling campaign



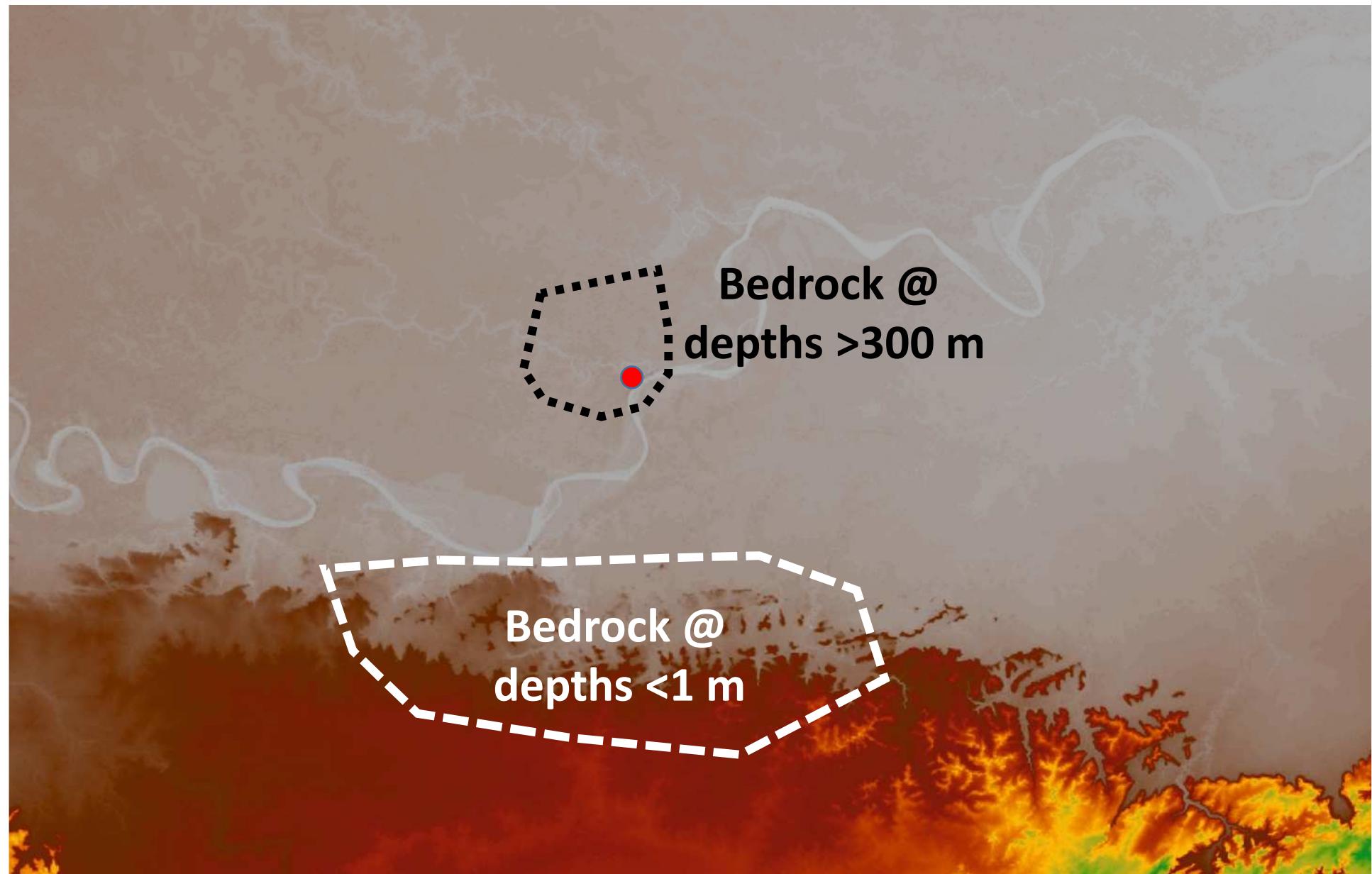
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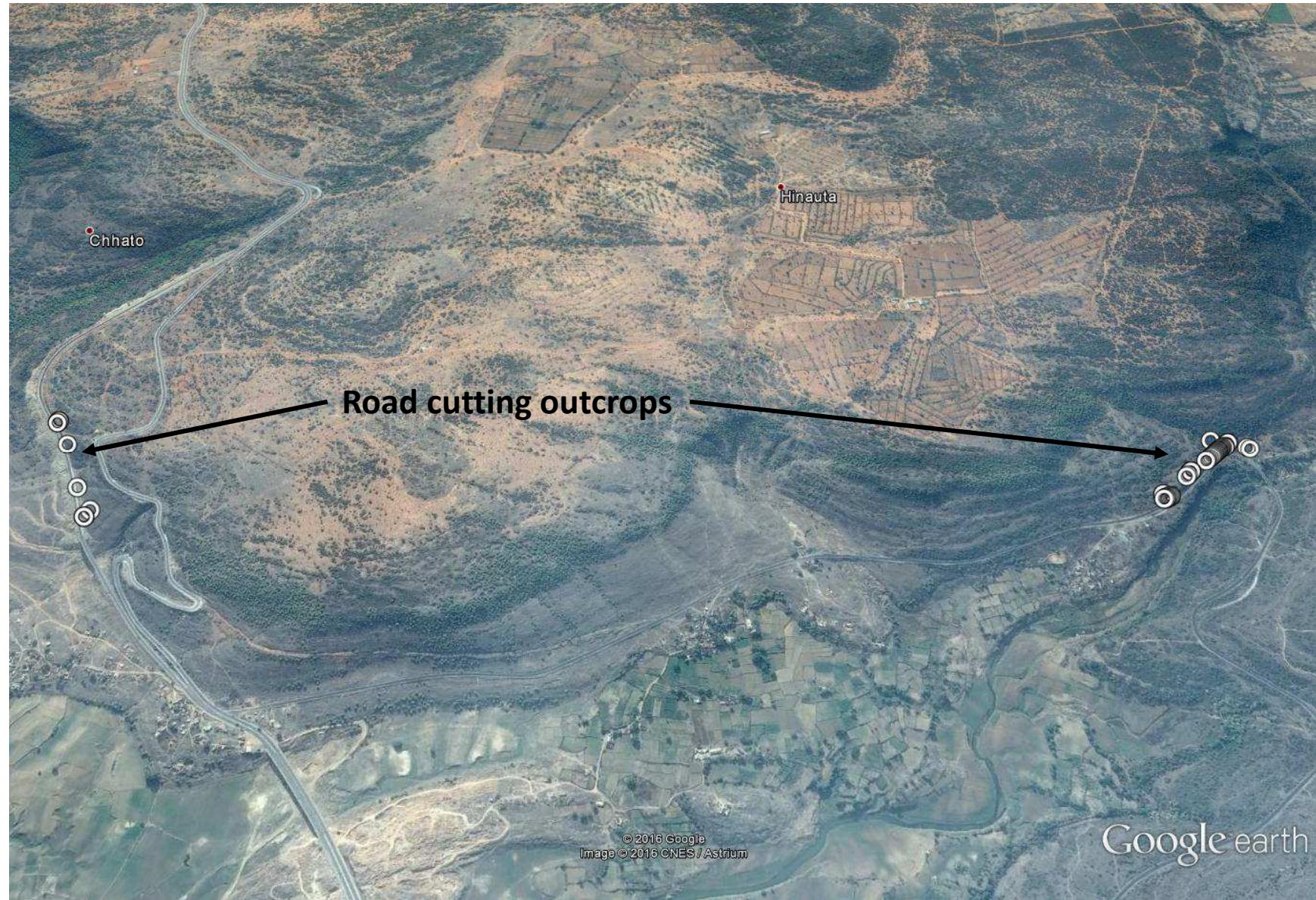
# Drilling campaign



# Bedrock



# Bedrock



# Bedrock



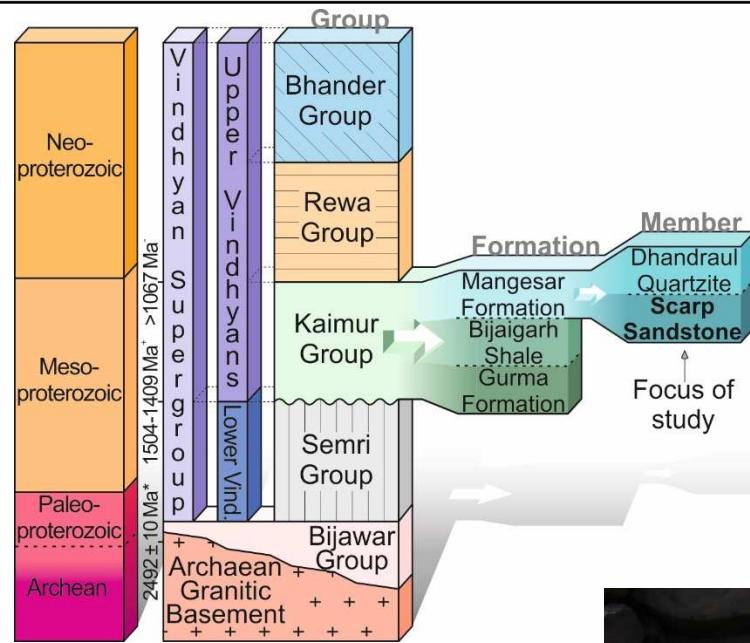
# Bedrock



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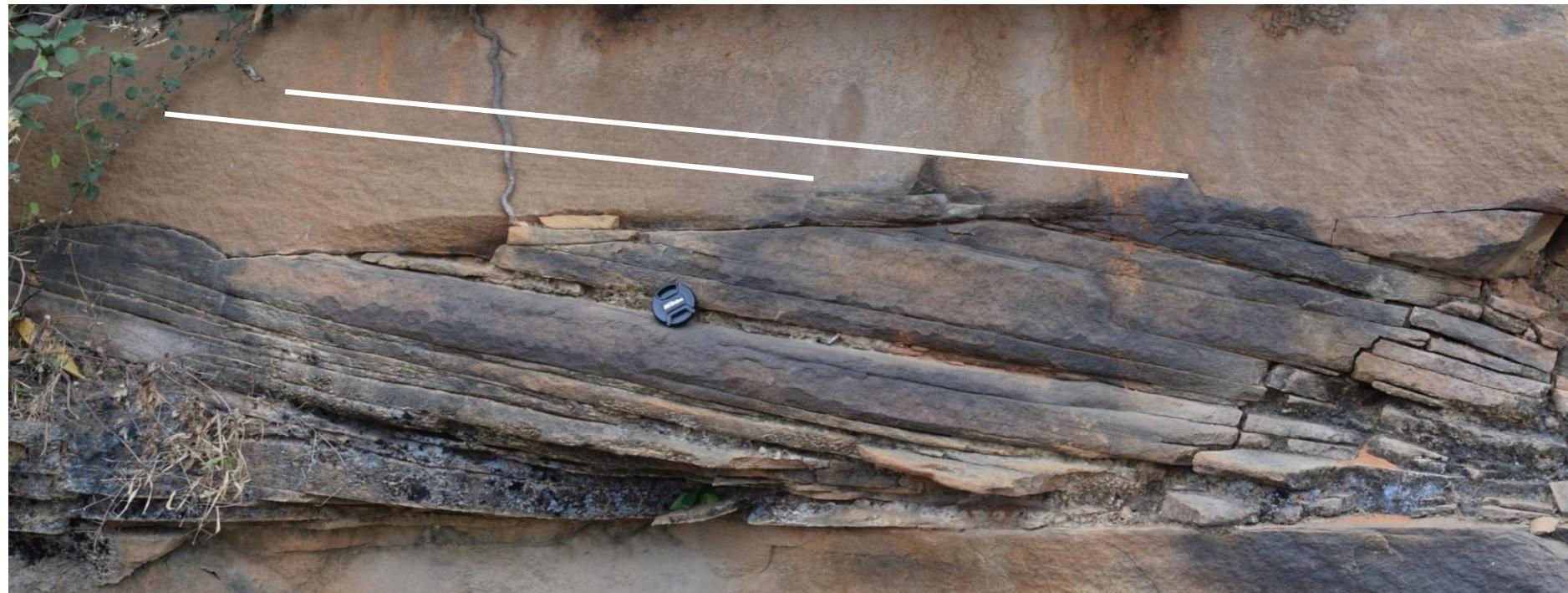
# Scarp Sandstone



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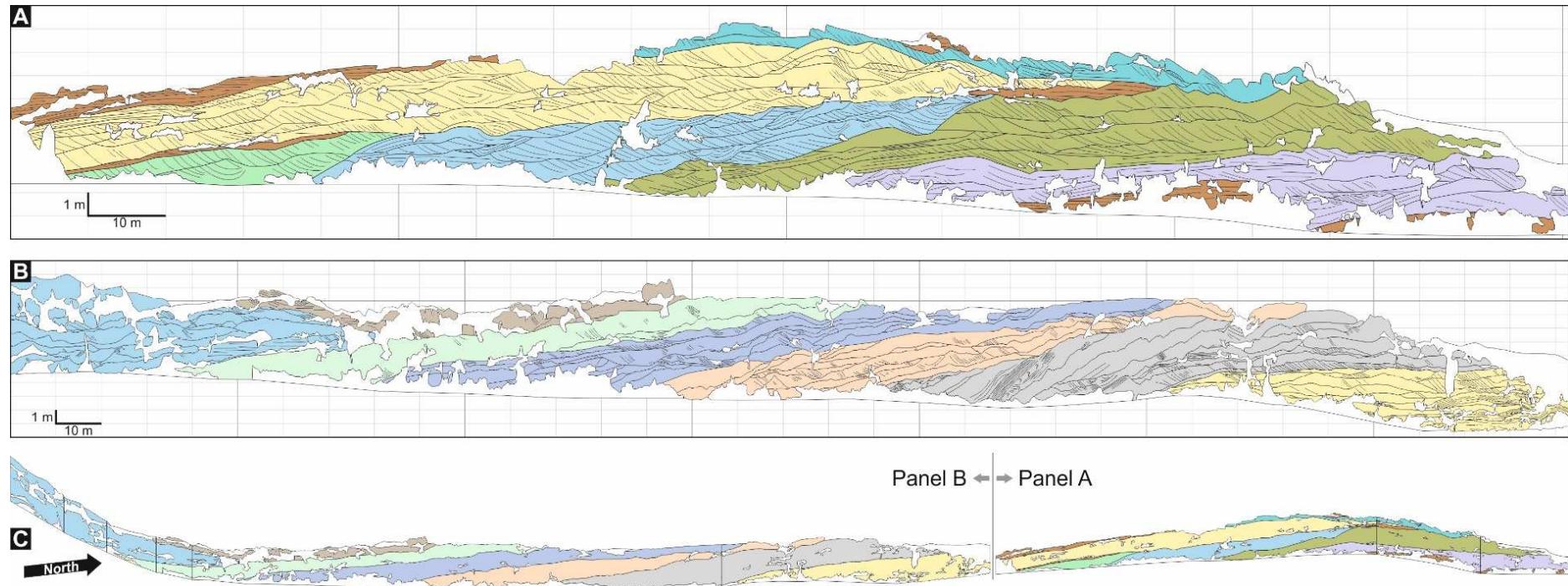
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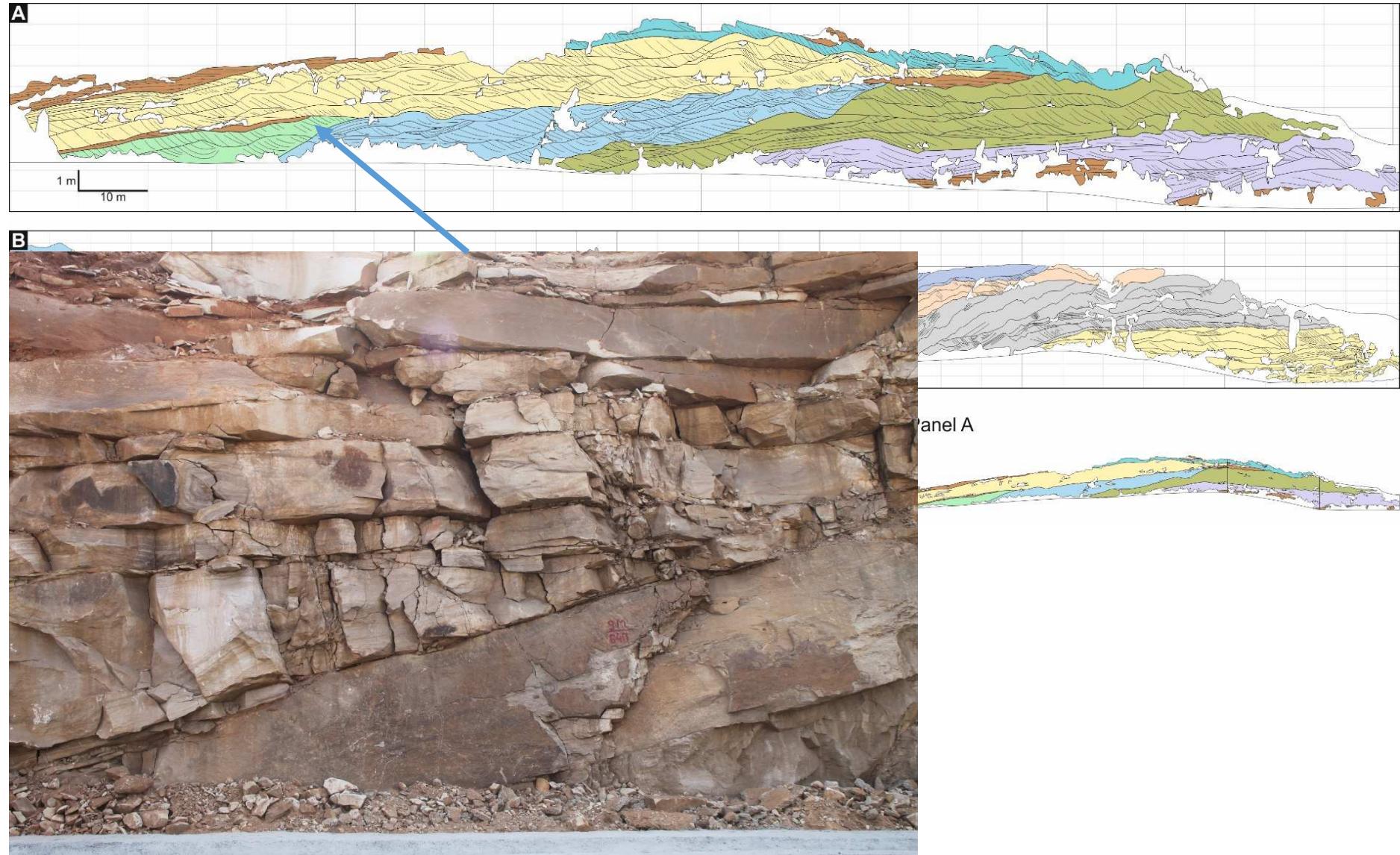
Thinner sets

Thicker sets

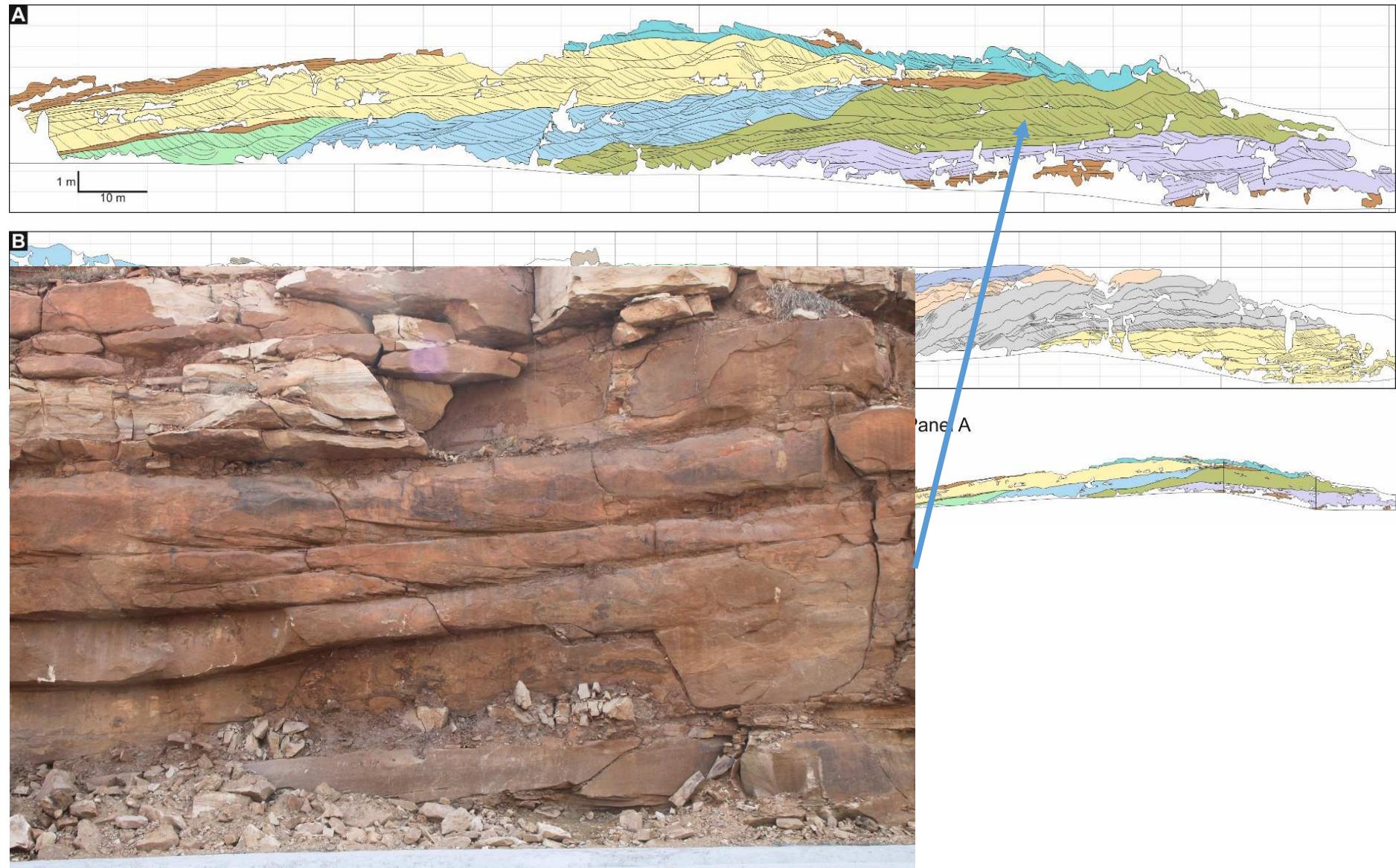
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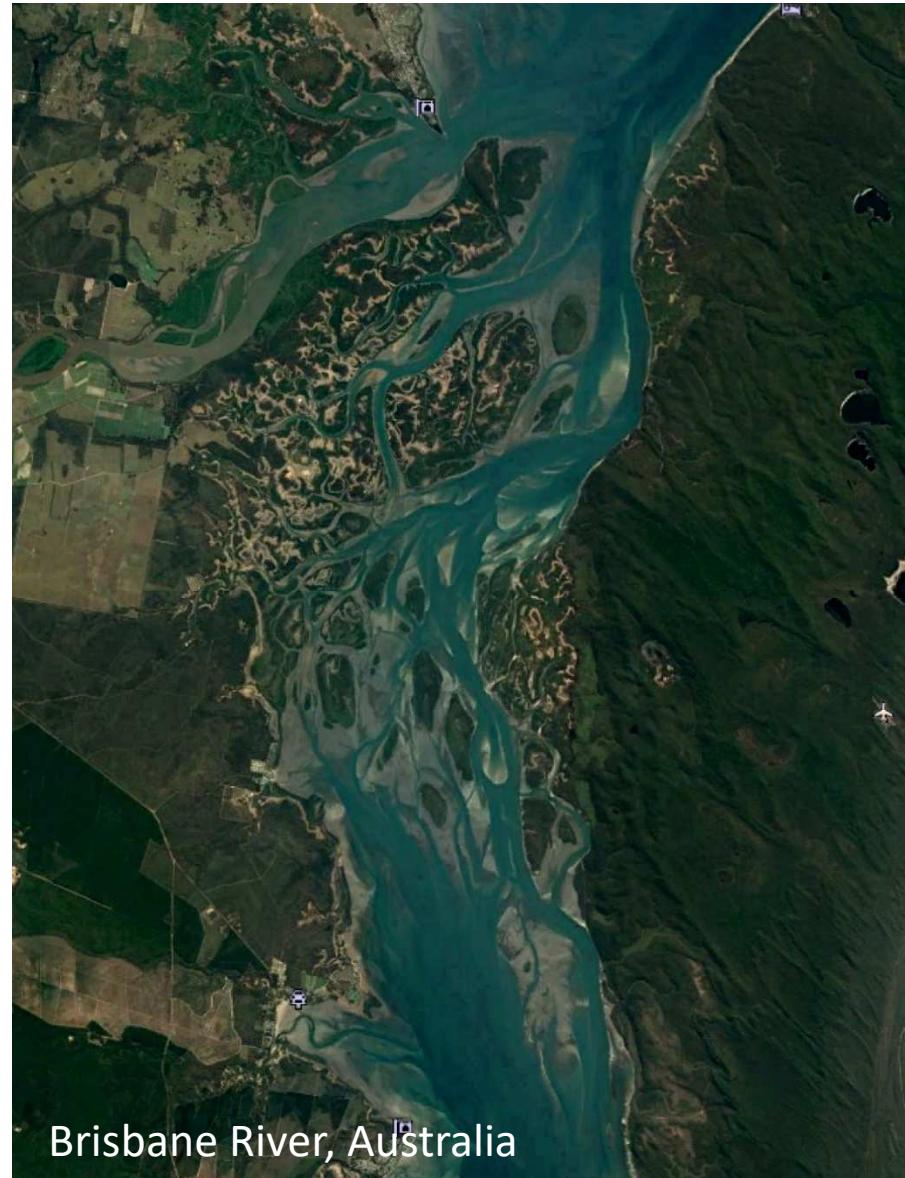
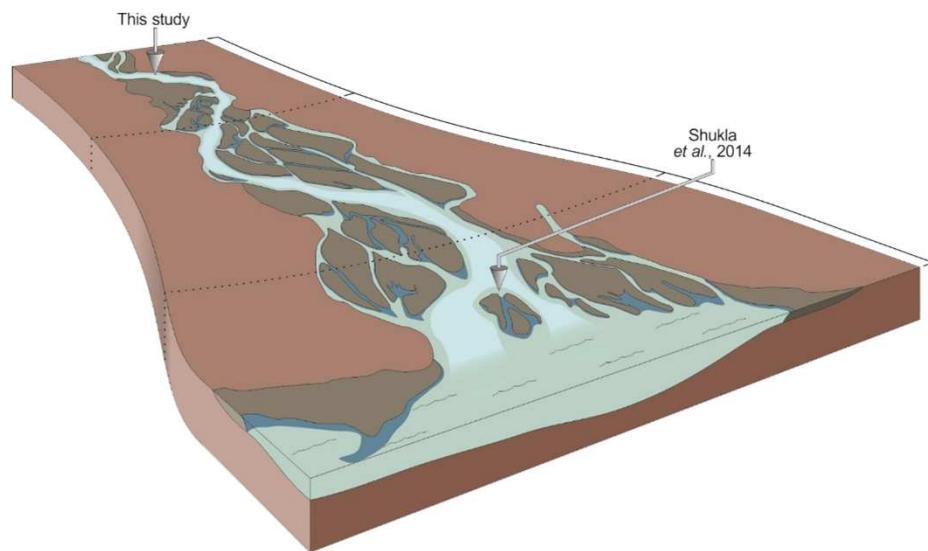
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# Conclusions...

- Fantastic place to work
- Lots of scope to affect land and subsurface management
- Great sediments everywhere!

