

**THIRD INDO-US WORKING GROUP  
MEETING ON COAL**

**CBM / CMM / AMM**

**CMPDI**

# Development of Coalbed Methane in India

- ➔ CMPDI has estimated CBM gas-in-place resource of about 1.4 TCM in an area of 12500 Sq.Km in India.
- ➔ 16 CBM blocks have so far been allotted with prognosticated resource of 825 BCM in 7807 Sq. Km area.
- ➔ The production potential from the allotted blocks is 23 MMSCMD.
- ➔ Process for 3<sup>rd</sup> round of global bidding has already been initiated in respect of 10 blocks with cumulative area of 5800 Sq. Km.

# Coalmine Methane

A CMM demonstration project is under implementation jointly by BCCL and CMPDI in Sudamdih and Moonidih mines of BCCL with GoI/GEF/UNDP funding.

- ➔ The surface drilling has started.
- ➔ CBM production likely to commence from 2007- 08
- ➔ Ultimate expected production 40000m<sup>3</sup>/day from surface and UG wells
- ➔ Utilisation proposed for power generation & mine trucks

# Coalmine Methane

## Thurst Areas

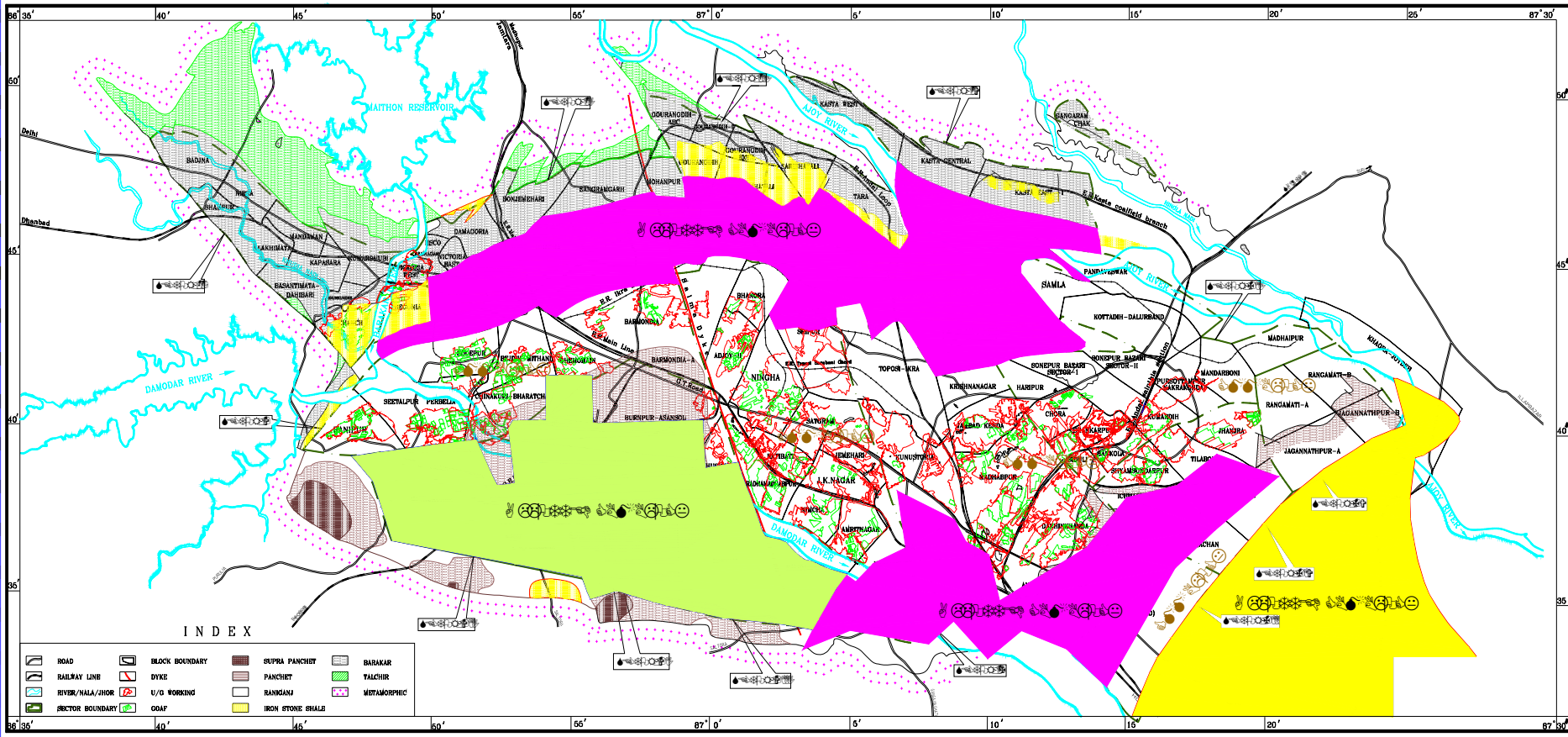
- ➔ To accelerate exploration and exploitation of CBM, CMM & AMM
- ➔ Resource modeling of coal seams under de-stressed condition
- ➔ Techno-economic analysis of the project conceived

# Coalmine Methane

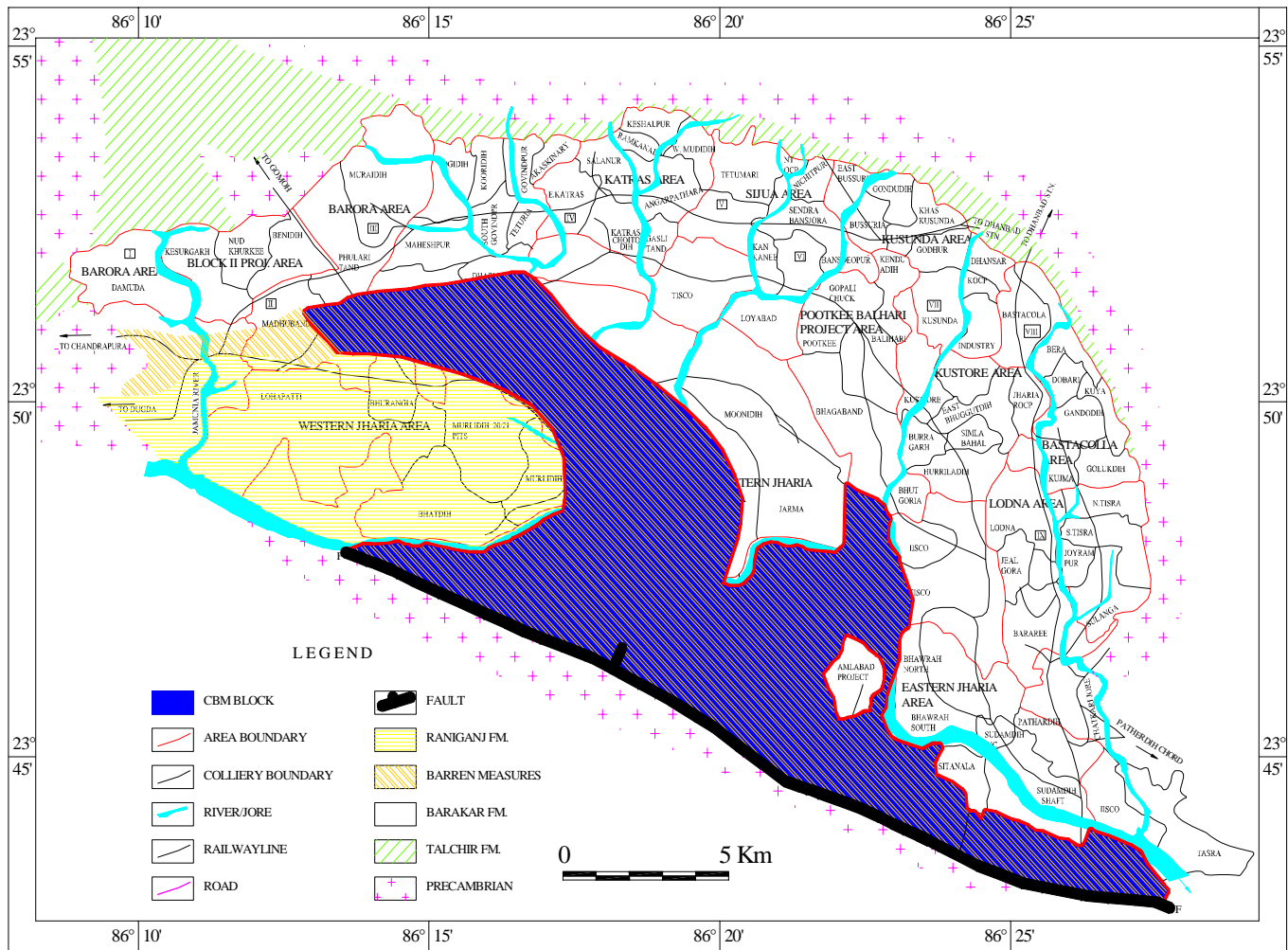
## Possible areas for CMM development

- In a project mode Jharia/Raniganj coalfield could be considered for model CMM project.
- In these coalfields, large number of operating/disused and abandoned mines are present.
- High density of coal seams in these coalfields
- Mostly upper seams have been worked by U/G methods, lower seams are virgin, part of which are likely to be under de-stressed condition
- Likely coal resource of about 16BT in above coalfields for formulation of CMM project after working out techno-economics.

# Raniganj Coalfield



# Jharia Coalfield



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THANK YOU