

**GOVERNMENT OF INDIA
MINES
LOK SABHA**

UNSTARRED QUESTION NO:3583
ANSWERED ON:16.12.2005
REGIONAL GEOPHYSICAL MAPPING PROGRAMME
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Will the Minister of MINES be pleased to state:

- (a) whether regional geophysical mapping programmes have been taken up utilizing gravity magnetic methods;
- (b) if so, the details thereof;
- (c) the States covered under the said programme; and
- (d) the outcome of the said surveys ?

Answer

THE MINISTER OF STATE OF THE MINISTRY OF MINES (DR. DASARI NARAYANA RAO)

(a) & (b): Yes, Sir. Geological Survey of India [GSI], with the objective of preparing gravity and magnetic anomaly maps of country, has taken up the geophysical survey by gravity and magnetic (vertical field) method over the last two field seasons with one station per 2.5 square km. of area. Areas falling in 350 Survey of India toposheets have been covered.

(c) : Areas in almost all states, excepting a few inaccessible areas in the North and North Eastern regions, have been taken up.

(d) : The maps thus generated would be useful for mineral exploration and sub-surface structural studies.