

GOVERNMENT OF INDIA
MINISTRY OF MINES
RAJYA SABHA
QUESTION NO 26.07.2010
ANSWERED ON
SURVEY OF MINERAL RESOURCES BY GSI .

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Shri Sanjay Raut

Will the Minister of RURAL DEVELOPMENT INFORMATION AND BROADCASTING MINES be pleased to state :-

- (a) whether the Geological Survey of India (GSI) and other agencies have conducted any survey for exploration of precious metals / mineral reserves in the country; and
- (b) if so, the outcome of such survey during each of the last three years and the current year, mineral / precious metal-wise, State-wise and location-wise ?

ANSWER

THE MINISTER OF MINES AND MINISTER OF DEVELOPMENT OF NORTH EASTERN REGION (SHRI B.K. HANDIQUE)

(a) & (b) : Yes, Sir. Geological Survey of India (GSI) carries out regional survey and exploration for minerals including precious metals like gold, Platinum Group of Elements (PGE) etc. and precious minerals like diamonds on an annual basis and estimates mineral resources in the country. In addition, many State Directorates of Mining and Geology also do detailed survey and exploration. However, their information is not maintained by Government of India.

The investigations taken up by GSI for precious metals/minerals as part of the survey for minerals State-wise, mineral-wise and location wise during the last three years 2006-07, 2007-08 and 2008-09 are given at Annexure. Reports on these investigations are available with GSI and is also being put up in GSI Portal (www.portal.gsi.gov.in).

Annexure

Annexure referred to in part (a) & (b) of Rajya Sabha Unstarred Question No.75 due for answer on 26.7.2010.

Geological Survey of India (GSI) has been conducting regional surveys and exploration for mineral resources in the country. The details of outcome of exploration for precious metals/minerals as part of survey for minerals during the last three years State-wise, mineral-wise and location-wise is given below:-

2006-07

2007-08

Diamond Discovered two kimberlite bodies, CGK-1 and CGK-2, close to Chagapuram village, Andhra Pradesh and CGK-4 located at Maldakal

and Penchukalpadu villages respectively in Andhra Pradesh -

Gold 0.10 million tonnes with a grade of 1.65 g/t Au has been estimated from Ajjanahalli central sector, Tumkur district, Karnataka

0.38 million tonnes of gold ore with grade of 1.70 g/t Au has been estimated in Ajjanahalli East block (North sector), Tumkur district, Karnataka.

4.78 million tonnes with 1.32 g/t gold has been estimated in Delwara West Block, Bhukia gold belt, Banswara district, Rajasthan

1.30 million tonnes of gold ore with 1.5g/t gold has been augmented in Delwara block, Bhukia gold belt, Banswara district, Rajasthan

1.24 million tonnes of gold ore with 0.96 g/t Au has been estimated in Khankariya Gara block, Bhukia gold belt, Banswara district, Rajasthan.

An additional resource of 0.16 million tonnes of gold ore was estimated (as per final reports of Dugocha Main Block and Dugocha North Block) which elevates the final resources of Dugocha Main block to 0.48 million tonnes with an average grade of 2.24 g/t Au and that of Dugocha North block to 0.25 million tonnes with an average grade of 1.91 g/t in Dugocha Main (Central) block and Dugocha North block, Udaipur district, Rajasthan

5.36 million tonnes with 2.09g/t gold was estimated in Delwara West block, Bhukia area, Rajasthan

0.09 million tonne of mineralisation was estimated with average grade of 0.93 g/t of gold in Baghmara block, Sonakhan area, Raipur district, Chhattisgarh 22.97 million tonnes of gold ore with 1.81g/t gold has been estimated in Delwara West block, Bhukia area, Banswara district, Rajasthan. 0.053 million tonnes gold ore with average grade of 3.03g/t gold has been estimated in Soanapahari area, Sonbhadra district, Uttar Pradesh.

2.28 million tonnes gold ore with average grade of 0.699g/t gold has been estimated in Sonadehi gold prospect in Chhattisgarh PGE 0.546 million tonnes PGE ore with (Pt + Pd) values ranging from 0.50ppm to 2.93ppm has been augmented in Hanumalapura (Block A &B), Karnataka --

The Field Season each year comprises the period October to September. Field Season 2009-10 is still in progress.