

STATE REVIEWS



# Indian Minerals Yearbook 2013

(Part- I)

**52<sup>nd</sup> Edition**

**STATE REVIEWS  
(Manipur)**

**(FINAL RELEASE)**

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MINISTRY OF MINES  
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## MANIPUR

### Mineral Resources

Occurrences of **chromite**, **china clay** and **limestone** are reported in Chandel, Churachandpur and Ukhrul districts (Table - 1).

### Exploration & Development

Details of exploration activities conducted by GSI during 2012-13 are furnished in Table-2.

### Production

No mineral production (except minor minerals) was reported from Manipur in 2012-13. The production value of minor minerals was estimated at ₹29 lakh for the year 2011-12.

### Mineral-based Industry

A cement plant set up by Manipur Cements Ltd, (a State Govt. undertaking) at Hundung in Ukhrul District is in operational since 1989. The plant has a capacity of 15,000 tpy.

**Table – 2 : Details of Exploration Activities in Manipur, 2012-13**

Agency/ Mineral/ District	Location	Mapping		Drilling		Sampling	Remarks
		Scale	Area (sq km)	No. of boreholes	Meterage		
<b>GSI</b>							
<b>Chromite</b>							
Chandel	Moreh	-	-	-	-	-	Magnetic survey for chromite bearing ultramafics bodies was taken up to delineate chromite bodies within ultramafics. An area of 3.70 sq km was covered by Magnetic (TF) survey. The area is mostly covered by Tertiary sedimentary sequence of Disang Formation and Oceanic Pelagic sediments comprising sandstone, shale, siltstone, quartzite and limestone. The intrusive ultramafics bodies within Tertiary sediments are exposed in the area. The ultramafics rocks are highly deformed, weathered, metamorphosed and show wide spread serpentinisation. The chromites are of massive, granular, nodular, banded and podiform types. Moderate magnetic variations ranging between 50 to 150nT correspond to meta ultramafics; high and sharp magnetic variations with more than 150nT correspond to chromite occurrences and smooth magnetic variations of less than 50nT belongs to Tertiary sedimentary formations. However, few magnetic anomalies were recorded on laterite capping over sedimentary sequence. The northern contact between ultramafics and sedimentaries was clearly indicated by manifestation of break in the trend of the contours. Isolated high magnetic closures (more than 150nT) spreading along traverses may correspond to chromite bodies located at shallow depth. The disposition of the emplaced ophiolite belt within Tertiary Formation is clearly demarcated by the magnetic surveys. The geophysical work has indicated the presence of possible chromite bodies in the explored area. The investigation has been completed.

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**Table -1: Reserves/Resources of Minerals as on 1.4.2010 : Manipur**

Mineral	Unit	Reserves				Remaining resources				Total resources (A+B)
		Proved STD111	Probable STD121	Total (A) STD122	Pre-feasibility STD222	Measured STD331	Indicated STD332	Inferred STD333	Total (B)	
China clay	'000 tonnes	-	-	-	-	2520	-	-	2520	2520
Chromite	'000 tonnes	3	21	76	-	-	529	6052	6581	6657
Limestone	'000 tonnes	-	-	-	-	19953	2138	23962	46053	46053

*Figures rounded off.*

