

STATE REVIEWS



# Indian Minerals Yearbook 2017

(Part- I)

56<sup>th</sup> Edition

STATE REVIEWS  
(Tripura)

(FINAL RELEASE)

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March, 2018

**TRIPURA****Mineral-based Industry****Mineral Resources**

Natural gas is the most important mineral resource in Tripura located in the Assam Arakan Fold Belt (AAFB) basin. Other minerals of significance found to occur in the State are glass sands, limestone, fireclay, plastic clay, shale and quartz-silica sand used particularly for building/construction purposes (Table-1).

**Exploration & Development**

The exploration work on Tripura is furnished in Table -3.

**Production**

Natural gas (utilised) was the only important mineral item produced in Tripura during 2016-17.

The production value of minor minerals was estimated at ` 476 lakh for the year 2016-17. Details are furnished in Table-2.

A 3,000 tpy lime-pozzolana mixture factory has been in operation at Kumarghat in North Tripura district. A 150 tpy glazed pottery unit of Tripura Khadi and Village Industrial Board is also in operation at Anandnagar in Tripura (West) district. M/S DP Group has set up a cold Steel Rolling Plant at Bodhjunnagar Industrial Complex. The State Government is actively wooing private sector investment for establishment of gas-based industries. Besides, Private Sector's involvement in setting up of Ceramic tiles units and other mineral-based industries are also being actively pursued. Private participation in setting up plastic clay and glass sand industries too, is under consideration by the State Government.

**Table – 1: Reserves/Resources of Minerals as on 1.4.2015: Tripura**

Mineral	Unit	Total reserves (A)	Remaining resources			Total resources (A+B)
			Measured STD331	Inferred STD333	Total (B)	
Fireclay#	'000 tonnes	-	1	369	370	370
Quartz-silica sand#	'000 tonnes	-	225	264	490	490

Figures rounded off.

Note: The proved and indicated balance recoverable reserve of Petroleum crude and Natural gas in the State as on 01.04.2016 are 0.07 million tonnes and 28.28 billion cu m, respectively.

# Declared as minor mineral vide Gazette notification dated 10.02.2015.

**Table –2 : Mineral Production in Tripura, 2014-15 to 2016-17 (Excluding Atomic Minerals)**

(Value in ` '000)							
Mineral	Unit	2014-15		2015-16		2016-17 (p)	
		Qty	Value <sup>s</sup>	Qty	Value <sup>s</sup>	Qty	Value <sup>s</sup>
<b>All Minerals</b>			<b>53829</b>	-	<b>47554</b>	-	<b>47554</b>
Natural Gas (ut.) m c m	1140		-	1332	-	1430	-
Minor Minerals <sup>@</sup>	-		53829	-	47554	-	47554

Note : The number of mines for natural gas (utilised) and minor minerals is not available.

<sup>s</sup> Excluding Fuel minerals.

<sup>@</sup> Figures for earlier years have been repeated as estimates, wherever necessary, because of non-receipt of data.

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**Table – 3: Details of Exploration Activities in Tripura, 2016-17**

Agency/ Mineral/ State/District	Location	Geological mapping		Drilling		Sampling	Remarks
		Scale	Area (sq km)	Boreholes	Meterage		
<b>GSI</b> Clay	Sonaimuri block	-	-	-	-	-	G4 stage reconnaissance survey of clay horizon of Tripura was taken up by large-scale mapping with a view to their possible commercial application. The clay is sheet like deposits, at varying depths from 0.20 to 1.60 m with a varying thickness of 1.00 to 2.00 m in dukli Block along Haora and Bangeshwar river and its tributaries respectively. The eastern part of the Dukli Block is drained by 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> order streams and which are all joining Bangeshwar river. The flood plain areas along the streams contain clay rich top soil. The clay rich soil in the flood plain area is mainly cultivated for paddy crops and vegetables. The Dupitila formation is characterised by feldspar rich semi consolidated sand and mottled clay which are in the form of mounds. The flood plain areas, along rivers and streams have clay horizons especially in central and eastern part of the block. Data from pitting reveal that the plastic clay is in the form of discontinuous lenses and pockets within Quaternary alluvium. The thickness of plastic clay varies from 0.70 to 1.5 m.