

GOVERNMENT OF INDIA
MINISTRY OF MINES
LOK SABHA
UNSTARRED QUESTION NO. 858
TO BE ANSWERED ON 07.02.2019

GEOLOGICAL SURVEY OF INDIA

858. DR. SHASHI THAROOR:

Will the Minister of MINES be pleased to state:

- (a) whether the Geological Survey of India (GSI) has a comprehensive repository of geological structures in the country;
- (b) if so, the details thereof;
- (c) if not, whether the Government proposes to create such a repository and if so, the details thereof;
- (d) whether GSI has a policy for geological conservation, to protect unusual rock types, landforms that preserve records of natural events of the past, significant fossil localities, stratigraphic sections, areas where significant advances in geology have been made, and deposits of particular minerals; and
- (e) if so, the details thereof and if not, whether the Government proposes to create such a policy and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR MINES AND COAL
(SHRI HARIBHAI PARTHIBHAI CHAUDHARY)

(a) to (e): Geological Survey of India (GSI) has identified many sites of unique geological importance and exceptional geomorphic expression/ landscapes. It has designated 32 various such types of naturally preserved geological structures/ monuments as geo-heritage sites/ national geological monuments across the country for protection and maintenance. The details of these sites are as follows:

S. No	Geological heritage site / National geological monument	S. No	Geological heritage site / National geological monument
1. 2. 3. 4.	ANDHRA PRADESH Volcanogenic bedded Barytes, Mangampeta, Cuddapah District (Dist.). Eparchaean Unconformity, Chittor Dist. Natural Geological Arch, Tirumala Hills, Chittor Dist. Erra Matti Dibbalu- the dissected and stabilized coastal red sediment mounds located between Vishakhapatnam and Bhimunipatnam.	22.	MAHARASHTRA Lonar Lake, Buldana Dist.
		23.	CHATTISGARH Lower Permian Marine bed at Manendragarh, Surguja Dist.
		24. 25. 26. 27.	KARNATAKA Columnar Lava, St Mary Island Udupi Dist. Pillow lavas near Mardihalli, Chitradurga Dist. Peninsular Gneiss, Lalbagh, Bangalore. Pyroclastics & Pillow lavas, Kolar Gold fields, Kolar Dist.
		28.	HIMACHAL PRADESH Siwalik Fossil Park, Saketi, Sirmur Dist.
5. 6.	KERALA Laterite near Angadipuram PWD rest house premises, Malapuram Dist. Varkala Cliff Section, Thiruvananthapuram Dist.	29.	ODISHA Pillow Lava in Iron ore belt at Nomira, Keonjhar Dist.

<p>7. 8. 9. 10.</p>	<p>TAMILNADU Fossil wood near Tiruvakkarai, South Arcot Dist. National fossil wood park, Sattanur, Tiruchirapalli Dist. Charnockite, St. Thomas Mount, Madras. Badlands of Karai Formation with Cretaceous fossils along Karai – Kulakkalnattam Section, Perambalur Dist.</p>	<p>30. 31.</p>	<p>JHARKHAND Plant Fossil bearing Inter-trappean beds of Rajmahal Formation, upper Gondwana sequence around Mandro, Sahibganj Dist. NAGALAND Nagahill Ophiolite Site near Pungro.</p>
<p>11.</p>	<p>GUJARAT Sedimentary Structures – Eddy Markings, Kadan Dam, Panch Mahals Dist.</p>	<p>32.</p>	<p>SIKKIM Stromatolite bearing Dolomite / Limestone of Buxa Formation at Mamley, near Namchi, South Dist.</p>
<p>12. 13. 14. 15. 16. 17. 18. 19. 20. 21.</p>	<p>RAJASTHAN Sendra Granite, Pali Dist. Barr Conglomerate, Pali Dist. Stromatolite Fossil Park, Jharmarkotra Rock Phosphate deposit, Udaipur Dist. Gossan in Rajpura-Dariba Mineralised belt, Udaipur Dist. Stromatolite Park near Bhojunda, Chittaurgarh Dist. Akal Fossil Wood Park, Jaisalmer Dist. Kishangarh Nepheline Syenite, Ajmer Dist. Welded Tuff, Jodhpur Dist. Jodhpur Group – Malani Igneous Suite Contact, Jodhpur Dist. Great Boundary Fault at Satur, Bundi Dist.</p>		

After declaration of Geoheritage sites, GSI or the respective State Government take necessary measures to protect these sites.

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