

**GOVERNMENT OF INDIA  
SCIENCE AND TECHNOLOGY  
LOK SABHA**

UNSTARRED QUESTION NO:3332

ANSWERED ON:12.05.2006

TSUNAMI SEDIMENTARY ROCKS

Khan Shri Mohammad Tahir;Rawat Shri Ashok Kumar;Shiwankar Shri Maha Deo Rao;Yadav Shri Kailash Nath Singh

**Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:**

- (a) whether the earliest Tsunami-sedimentary rocks have been discovered in Jharkhand by Japanese, Polish and Indian experts;
- (b) if so, the details of historic finds made by experts from the said discovery;
- (c) whether there is any plan to launch such explorations in other States in the country; and
- (d) if so, the names of the States where such explorations are likely to be conducted?

**Answer**

MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF OCEAN DEVELOPMENT (KAPIL SIBAL)

(a) to (d): Yes Sir. An International team of Polish, Japanese & Indian scientists have claimed to have found from Chaibasa formation in Jharkhand world's oldest `Seismites` formed by palaeo-earthquakes, that was followed by a tsunami around 1600 Million years ago. Based on a short joint field programme by a team of Indian & Japanese scientists a Joint Indo-Japanese collaborative project on Paleo-tsunami deposits / Paleo-Seismology in the Andaman & Nicobar Islands with the involvement of IIT-Kanpur, IIGM, Centre For Earth Science Studies and Geological Survey of India has been proposed for identifying major palaeo earthquakes/ tsunamis with a view to trace their recurrence history.