

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
LOK SABHA
UNSTARRED QUESTION No.325
TO BE ANSWERED ON 03.02.2021

EXPLORATION OF LITHIUM

325. SHRI PARVESH SAHIB SINGH VERMA:

Will the PRIME MINISTER be pleased to state:

- (a) the details of the initiatives for the exploration of Lithium domestically in the last two years;
- (b) the details of research undertaken to find alternatives to the Lithium use in batteries in the last two years;
- (c) whether any research is done to make the Lithium – ion batteries more durable in Indian climatic conditions; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

- (a)to(d) The Atomic Minerals Directorate for Exploration and Research (AMD), a constituent unit of Department of Atomic Energy is carrying out exploration for Lithium in potential geological domains in parts of Karnataka and Rajasthan. Lithium (Spodumene) mineralisation has been identified in pegmatites along the Nagmangla Schist Belt, in Marlagalla – Allapatna sector, Mandya district, Karnataka. AMD is presently carrying out exploration (which involves three stages of drilling viz. reconnoitory, exploratory and evaluation; ore reserve estimation and hydrometallurgical studies) in Marlagalla area. Reconnaissance surveys have been also carried out along Saraswati River Palaeochannel, in Jodhpur and Barmer districts, Rajasthan for locating Lithium mineralisation associated with brine (saline water from salt lakes).
