

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

**LOK SABHA
UNSTARRED QUESTION NO.1333**

TO BE ANSWERED ON WEDNESDAY, JULY 25, 2018

MOU FOR MINERAL EXPLORATION

1333. SHRI SUNIL KUMAR MONDAL:

Will the PRIME MINISTER be pleased to state:

- (a) whether the Indian Space Research Organisation (ISRO) has signed any Memorandum of Understanding with any department/organisation for using satellite data for mineral exploration in the country during the last three years and the current year; and**
- (b) if so, the details thereof and the further action taken by the Government in this regard, State/UT-wise?**

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG &
PENSIONS AND IN THE PRIME MINISTER'S OFFICE**

(DR. JITENDRA SINGH):

- (a) Yes, Madam.**
- (b) Indian Space Research Organisation (ISRO) has signed Memorandum of Understanding (MoU) with the following Departments/Organisations for using satellite data for mineral exploration in the country during the last three years and the current year:**

- (i) With National Mineral Development Corporation (NMDC), Ministry of Steel, in February 2017, towards using Satellite data, for identifying potential areas for exploration of Iron and Diamond, in Madhya Pradesh. ISRO has also trained NMDC officials and established a remote sensing lab at NMDC, Hyderabad, for internalising remote sensing technology within NMDC.**
- (ii) With Manganese Ore India Limited (MOIL), Ministry of Steel, in September 2017, for mineral exploration studies to identify prospective areas of Manganese mineralisation in parts of Madhya Pradesh, using satellite data.**
- (iii) Jointly with Department of Fertilizers (Ministry of Chemicals and Fertilizers), Geological Survey of India (GSI) and Atomic Minerals Directorate (AMD), in August 2017, for rock phosphate exploration in the Country.**
