

GOVERNMENT OF INDIA  
MINISTRY OF MINES  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2088**  
TO BE ANSWERED ON 08.03.2018

**MINERALS USED IN CEMENT MANUFACTURING**

2088. SHRI RAMSINH RATHWA:

Will the Minister of MINES be pleased to state:

- (a) whether it is a fact that minerals for manufacturing of cement are available in abundance in the country and if so, the names and the quantity of such minerals mined during the last three years and the current year;
- (b) the extent to which such minerals are exported and to which countries including the quantity of such minerals exported during the said period; and
- (c) whether there is any policy to promote greater use of such minerals for manufacturing cement within the country and if so, the details and the impact thereof?

**ANSWER**

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

(a): As per information made available by Indian Bureau of Mines (a sub-ordinate office of the Ministry of Mines), the minerals used for manufacturing of cement are limestone, gypsum, laterite, calcite, mudstone or shale, marl, clay, etc. The details of reserves/resources of these minerals in the country as on 01.04.2015 is placed at Annexure-I.

The production details of limestone 'which is the major mineral used in manufacture of cement' during the period of 2014-15 to 2017-18 (upto December 2017) is placed at Annexure-II.

(b): Country-wise details of quantum of limestone exported during the year 2014-15 to 2016-17 is given at Annexure-III.

(c): The National Mineral Policy 2008 provides for uninterrupted supply of the mineral raw material from domestic sources to encourage the user industry. The Mines and Minerals Development and Regulation Act, 1957 (MMDR) has been amended through the MMDR Amendment Act, 2015 to provide for, inter alia, auction through competitive bidding as the procedure for grant of mineral concessions. Further, State Governments have been empowered to reserve a mineral block put to auction for any particular end use including for use in cement plant. So far, 34 auctions for grant of mineral concession have taken place in various states, out of which, in respect of limestone, 16 mineral blocks have been auctioned for grant of mining lease and 2 have been auctioned for grant of Prospecting License-cum-Mining Lease. Out of these 18 limestone mineral blocks, 6 blocks have been reserved for end users (cement /clinker plants).

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**Annexure-I, II & III referred in reply to Lok Sabha unstarred question number 2088 for reply on 08.03.2018 regarding 'minerals used in cement manufacturing' asked by Shri Ramsinh Rathwa**

#### **Annexure-I**

Mineral wise reserves/resources as on 1-04-2015

| <b>Mineral</b> | <b>Unit</b> | <b>Reserves</b> | <b>Remaining Resources</b> | <b>Total Resources</b> |
|----------------|-------------|-----------------|----------------------------|------------------------|
| Calcite        | Tonne       | 3,448,867       | 19,555,082                 | 23,003,949             |
| China Clay     | '000 Tonnes | 229,469         | 2,711,777                  | 2,941,247              |
| Limestone      | '000 Tonnes | 16,335,753      | 186,888,998                | 203,224,752            |
| Gypsum         | '000 Tonnes | 36621           | 1292892                    | 1329513                |
| Laterite       | '000 Tonnes | 124733          | 581819                     | 706552                 |
| Marl           | Tonne       | 123,855,856     | 11,704,870                 | 135,560,726            |
| Shale          | '000 Tonnes | 15,472          | 3,781                      | 19,253                 |

Source: Indian Bureau of Mines

#### **Annexure-II**

Details of production of limestone during the last three years

(Quantity in thousand tonnes)

|           | <b>2014-15</b> | <b>2015-16</b> | <b>2016-17(P)</b> | <b>2017-18 (P)<br/>(upto December 2017)</b> |
|-----------|----------------|----------------|-------------------|---|
| All India | 293273         | 307001         | 313196            | 244027                                      |

Source: Indian Bureau of Mines

(P): Provisional

#### **Annexure-III**

**Country-wise details of export of limestone during the year 2014-15 to 2016-17**

(Quantity in tonnes)

| <b>Name of the Country</b> | <b>2014-15</b> | <b>2015-16</b> | <b>2016-17 (P)</b> |
|----------------------------|----------------|----------------|--------------------|
| <b>All Countries</b>       | <b>3812759</b> | <b>3236010</b> | <b>4330822</b>     |
| Bangladesh                 | 3684066        | 3063174        | 4199960            |
| U K                        | 35929          | 71891          | 51238              |
| Bhutan                     | 28510          | 27482          | 17512              |
| U S A                      | 4036           | 6015           | 3561               |
| Ireland                    | 6869           | 8168           | 6167               |
| Belgium                    | 6024           | 6302           | 4969               |
| France                     | 4329           | 6317           | 5366               |
| Nepal                      | 16134          | 16342          | 10093              |
| Korea Republic             | 1837           | 3233           | 1668               |
| Japan                      | 2489           | 2094           | 2317               |
| Other Countries            | 22536          | 24992          | 27971              |

Source: Indian Bureau of Mines

(P): Provisional