

**GOVERNMENT OF INDIA
MINES
LOK SABHA**

UNSTARRED QUESTION NO:4719
ANSWERED ON:04.05.2012
MINERAL RESERVES
Singh Shri Jagada Nand

Will the Minister of MINES be pleased to state:

- (a) whether mineral resources are being used on large scale at the national level for internal use and exports;
- (b) if so, the details thereof indicating mineral-wise quantum of internal use and exports;
- (c) whether the quantity of reserves of various minerals have been evaluated on the basis of survey of minerals;
- (d) if so, the details of quantity thereof, mineral-wise and State-wise; and
- (e) the number of years for which the reserves of all the minerals are likely to exist in sufficient quantity on the basis of evaluated quantity of minerals, present consumption pattern and exports and in view of the demands likely to arise in the future?

Answer

MINISTER OF THE STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF MINES (SHRI DINSHA PATEL)

(a) and (b): Minerals constitute vital raw materials for many industries and are being used by domestic industries, as well as being exported. Details of domestic consumption and export of principal minerals in the year 2010-11 are given below:-

Mineral Type	Unit	Consumption	Export
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APATITE & ROCK PHOSPHATE	TONNE	3675800	711
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ASBESTOS	TONNE	103300	252
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BALL CLAY	TONNE	596100	19477
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BARYTES	TONNE	191900	815788
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BAUXITE	TONNE	9307400	119154
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CALCITE	TONNE	66900	1212
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CHROMITE	TONNE	2708100	172866
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DIASPORE	TONNE	13300	0
DOLOMITE	TONNE	5942200	22871
DUNITE	TONNE	6100	
FELSPAR	TONNE	405400	342280
FIRECLAY	TONNE	517600	8975
FLUORITE (GRADED)	TONNE	69400	345
GARNET	TONNE	1409200 (e)	209326
GRAPHITE	TONNE	15000	1070
GYPSUM	TONNE	7144560	100470
IRON ORE (TOTAL)	THT	103961	92590
KAOLIN NATURAL	TONNE	1476600	110117
KYANITE	TONNE	4500	28
LIMESTONE	THT	190650	1041
MAGNESITE	TONNE	240500	22763
MANGANESE ORE	TONNE	3477600	117963
OCHRE	TONNE	410000	9016

PYROPHYLLITE TONNE 8000

QUARTZ & SILICA SAND TONNE 1453100 177799

QUARTZITE TONNE 273400 37831

SILLIMANITE TONNE 15300 2325

STEATITE TONNE 380500 113411

VERMICULITE TONNE 800 1449

WOLLASTONITE TONNE 3300 20151

Reported consumption: Data collected on non-statutory sources.

Export: DGCI&S, Kolkata.

(e); Estimated

TRU

(c) and (d): the quantity of reserves and resources of mineral are evaluated on the basis of exploration reports. Details of reserves and resources of minerals in various states are given in Indian Mineral Year Book published by the Indian Bureau of Mines (IBM) and copy of said book is supplied to Parliament Library on regular basis.

(e): Life Indices of some important minerals used by domestic industries in the country is given below:-

Sl.No.	Mineral	Life Indices (Yrs)
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1	Ball Clay	43
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2	Barytes	16
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3	Bauxite	181
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4	Calcite	432
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5	Chromite	29
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6	Copper Ore	225
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7	Corrundum	264
8	Diamond	144
9	Diaspore	171
10	Dolomite	471
11	Felspar	191
12	Garnet	14
13	Gold Ore	190
14	Graphite	168
15	Gypsum	196
16	Iron Ore (hematite & magnetite)	73
17	China Clay	393
18	Lead Zinc Ore	47
19	Limestone	270
20	Manganese Ore	94
21	Mica (crude)	337
22	Ochre	94

23 Pyrophyllite 195

24 Phosphorite (Rock Phosphate) 52

25 Quartz/Silica 445
Sand (excluding
sand & others)

26 Silver (metal) 105

27 Talc/Steatite/Soapstone 170

28 Vermiculite 87

29 Wollastonite 72

30 Fireclay 320

Life index for limestone which is based on NMI as on 1.4.2005