

STATE REVIEWS



Indian Minerals Yearbook 2015

(Part- I)

54th Edition

STATE REVIEWS
(Himachal Pradesh)

(FINAL RELEASE)

GOVERNMENT OF INDIA
MINISTRY OF MINES
INDIAN BUREAU OF MINES

Indira Bhavan, Civil Lines,
NAGPUR – 440 001

PHONE/FAX NO. (0712) 2565471
PBX : (0712) 2562649, 2560544, 2560648

E-MAIL : cme@ibm.gov.in
Website: www.ibm.gov.in

July, 2017

HIMACHAL PRADESH

Mineral Resources

The State is the sole holder of country's Antimony ore and rock salt resources. Limestone and shale are the important minerals produced in the State. **Barytes** occurs in Sirmaur district; **limestone** in Bilaspur, Chamba, Kangra, Kulu, Mandi, Shimla, Sirmaur & Solan districts; and **rock salt** in Mandi district. Other minerals that occur in the State are **antimony** in Lahaul & Spiti district; **gypsum** in Chamba, Sirmaur and Solan districts; **magnesite** in Chamba district; **pyrite** in Shimla district; and **quartz, quartzite & silica sand** in Una district (Table - 1).

Exploration & Development

Details of exploration activities conducted by the GSI for limestone during 2014-15 are furnished in Table-2. National Oil Companies (NOC) continued their operations for exploration of oil and gas in the State.

Production

The value of mineral production (excludes atomic mineral and value for February and March in respect of 31 minerals declared as minor mineral vide Gazette notification dated 10.02.2015) in Himachal Pradesh during 2014-15 at ₹ 245 crore increased by 14% as compared to that of the previous year.

Himachal Pradesh was the leading producer of shale accounting for 46% of the total production in the country during 2014-15. Limestone is the principal mineral produced in the State and it accounted for 79% of the total value of mineral production of the State during 2014-15. The production of limestone increased by 7% in 2014-15 as compared to the previous year (Table-3).

The value of production of minor mineral was estimated at ₹ 40 crore for the year 2014-15.

The number of reporting mines in the State was 17 in 2014-15 as against 20 in the previous year.

Table – 2 : Details of Exploration Activities in Himachal Pradesh, 2014-15

Agency/ Mineral/ District	Location Area/ Block	Mapping		Drilling		Sampling (No.)	Remarks Reserves/Resources estimated
		Scale	Area (sq km)	No. of boreholes	Meterage		
GSI							
Limestone							
Sirmaur	Saindhar Syncline	-	-	-	-	-	G4 stage investigation for assessment of limestone/dolomite was taken up. Study was carried out in Lower Member of Kauriyala Formation (Krol 'C') of Krol Group in Saindhar Syncline to assess the grade and reserves of limestone/dolomite bands for the use in cement, steel, fertilizer, poultry grit and glass industries etc. The analytical results of the channel samples are not encouraging to categorise the commodity for any particular industrial use.

Table – 1: Reserves/Resources of Minerals as on 1.4.2010/1.4.2013* : Himachal Pradesh

Mineral	Unit	Reserves			Remaining Resources					Total Resources (A+B)				
		Proved STD111	Probable STD121 STD122	Total (A)	Feasibility STD211	Pre-feasibility STD221 STD222	Measured STD331	Indicated STD332	Inferred STD333		Reconnaissance STD334	Total (B)		
Antimony*														
Ore	tonne	-	-	-	-	-	-	10588	-	10588	10588			
Metal	tonne	-	-	-	-	-	-	174	-	174	174			
Barytes#	tonne	27288	-	12645	39933	-	12846	-	48904	12370	3000	-	77120	117053
Gypsum#	'000 tonnes	-	-	-	-	-	-	1365	-	-	3081	-	4446	4446
Limestone	'000 tonnes	541555	226170	209638	977363	48410	44097	21220	1525202	1891	2830449	433	4471702	5449064
Magnesite*	'000 tonnes	-	-	-	-	-	-	-	-	-	298	-	298	298
Pyrite	'000 tonnes	-	-	-	-	-	-	-	-	-	2560	-	2560	2560
Quartzite#	'000 tonnes	25	-	16	41	16	-	-	-	-	-	-	16	57
Quartz-silica sand#	'000 tonnes	1	-	7	8	99	-	-	-	-	2928	-	3027	3035
Rock salt	'000 tonnes	10036	-	5990	16026	-	-	-	-	-	-	-	-	16026

Figures rounded off.

* Reserves/Resources as on 1.4.2013.

Declared as minor mineral vide Gazette notification dated 10.02.2015.

STATE REVIEWS

STATE REVIEWS

**Table – 3: Mineral Production in Himachal Pradesh, 2012-13 to 2014-15
(Excluding Atomic Minerals)**

(Value in ₹ '000)

Mineral	Unit	2012-13			2013-14			2014-15 (P)		
		No. of mines	Quantity	Value	No. of mines	Quantity	Value	No. of mines	Quantity	Value
All Minerals		20		2674558	20		2146927	17		2445647
Limestone	'000t	20	13104	1692641	20	11935	1663036	17	12718	1928022
Shale [#]	t	-	1512161	77717	-	1430549	85780	-	1279203	119514
Minor Minerals [@]		-	-	904200	-	-	398111	-	-	398111

Note : The number of mines excludes minor minerals.

@ Figures for earlier years have been repeated as estimates, wherever necessary, because of non-receipt of data.

Declared as minor mineral vide Gazette notification dated 10.02.2015.

Mineral-based Industry

The present status of each mineral-based industry is not readily available. However, the principal mineral-based industries in the organised sector in the State are furnished in Table - 4.

Table – 4 : Principal Mineral-based Industries in Himachal Pradesh

Industry/plant	Capacity ('000 tpy)
Cement	
ACC Ltd, Gagal (Gaggal I & II), Distt. Bilaspur.	4400
Ambuja Cement, Suli, P.O. Darlaghat, Distt. Solan.	1600
Ambuja Cement, Nalagarh, Distt. Solan.	1500
Asian Concretes and Cements Pvt Ltd, Bir Palsi, Distt. Solan.	1300
CCI Ltd, Rajban, Distt. Sirmaur.	200
Jaypee Himachal Cement Plant, Bagga, Distt. Solan.	1500

(Contd.)

Table – 4 (Concl'd.)

Industry/plant	Capacity ('000 tpy)
Jaypee Himachal Cement (Blending & Grinding), Bagheri.	2000
Chemical	
Bhagwati Chemical Industries, Paonta Sahib, Distt. Sirmaur.	8.7 (Hydrate lime)
Doon Shivalik Mineral Industries, Bhagani, Paonta Sahib, Distt. Sirmaur.	5.5 (Hydrate lime)
Hind Chemical Industries, Badripur, Paonta Sahib, Distt. Sirmaur.	13.2 (Hydrate lime)
Lime Chemicals Ltd, Paonta Sahib, Distt. Sirmaur.	35 (CaCO ₃)
M.I. Industries, Paonta Sahib, Distt. Sirmaur.	15 (Hydrate lime)
Superior Carbonate & Chemicals Ltd, Satiwala, Paonta Sahib, Distt. Sirmaur.	5 (CaCO ₃)
Vashisht Chemical Pvt Ltd, Kala Amb, Paonta Sahib, Distt. Sirmaur.	6.3 (CaCO ₃)

Note: Data, not readily available for cement industries on respective websites, hence it has been taken from Survey of Cement Industry & Directory, 2015.