

STATE REVIEWS



Indian Minerals Yearbook 2019

(Part- I)

58th Edition

STATE REVIEWS
(Punjab)

(ADVANCE RELEASE)

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PUNJAB

Mineral Resources

Minerals reported to occur in the State are **quartz** and **silica sand** in Hoshiarpur district; and **quartzite** in Hoshiarpur & Ropar (Rupnagar) districts (Table - 1).

Exploration & Development

Exploration activities carried out for Potash and Gypsum during the year 2018-19 are furnished in Table-2.

Production

Production of minor minerals was only reported in the State. The value of minor minerals' production was estimated at ` 902 lakh for the year 2018-19.

Mineral-based Industry

The present status of each Mineral-based Industry is not readily available. However, the important Mineral-based Industries in the Organised Sector in the State are furnished in Table - 3.

Table – 1: Reserves/Resources of Minerals as on 1.4.2015 : Punjab

Mineral	Unit	Reserves		Remaining Resources		Total resources (A+B)
		Total (A)	Indicated STD 332	Inferred STD 333	Total (B)	
Quartz/silica sand [#]	'000 tonnes	-	-	3927	3927	3927
Quartzite [#]	'000 tonnes	-	116	81796	81912	81912

Figures rounded off

Declared as Minor Mineral vide Gazette Notification dated 10.02.2015

Table –2 : Details of Exploration Activities in Punjab, 2018-19

Agency/ Mineral/ District	Location Area/ Block	Mapping		Drilling		Sampling (No.)	Remarks Reserves/Resources estimated
		Scale	Area (sq km)	No. of boreholes	Meterage		
GSI							
Potash/Gypsum							
Fazilka & Muktsar	Qabrwala block	1:4000	5.25	-	2600	-	G4 stage reconnaissance survey for potash, gypsum and associated sulphates was taken up in Qabrwala block in parts of Fazilka and Muktsar districts. The area forms northern extension of Nagaur-Ganganagar evaporate basin extending in southwestern part of Punjab. A borehole intersected the evaporite zone, i.e., target zone of mineralisation at a vertical depth of 516.20 m. Gypsum and anhydrite/sulphates were found to occur as intermittent bands, lamellae ranging in size from 1 mm to 1.99 m of depths from 516.20 m to 597 m. The study will continue.

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Table – 3: Principal Mineral-based Industries

Industry/plant	Capacity ('000 tpy)
Alloy Steel	
Antarctic Industries Ltd, Ludhiana	120
Cement	
Ambuja Cement, Ropar (Rupnagar) (G)	2500
Asian FCPL, Patiala	1500
Ambuja Cement, Bathinda (G)	1200
UltraTech Cement, Bathinda (G)	1750
Chemical	
Siel Chemical Complex, Charatrapur	74.3 (NaOH) 65.8 (Cl) 18 (bleaching powder) 66.0 (HCl)
(contd)	

Table - 3 (concl'd)

Industry/plant	Capacity ('000 tpy)
VTPL (Vardhaman Industries Ltd), Distt Patiala	60
Fertilizer	
NFL, Nangal, Distt Ropar (Rupnagar)	478.5 (Urea) 22 (methanol)
NFL, Sibian Road, Distt Bathinda	511.5 (Urea) 8.7 (S)
Petroleum Refinery	
HPCL Mittal energy Ltd, Bathinda	9000
Sponge Iron	
Vallabh Steels Ltd, Sahnewal, Ludhiana	120

(G): Grinding units.

Note: Data, not readily available for Fertilizer and Cement Industries on their respective websites is taken from Indian Fertilizer Scenario, FAI Statistics and Survey of Cement Industry & Directory, respectively.