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Ministry of Mines
INDIAN BUREAU OF MINES

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Bulletin of MINING LEASES & PROSPECTING LICENCES, 2020 (Excluding Atomic Minerals, Coal, Lignite, Petroleum, Natural Gas and Minor Minerals)



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Disclaimer

This bulletin is a précis compilation of All India Mining Lease Directory as on 31.3.2020 which is a provisional database. The tabular data is reproduced with due care as a general information. The Mining Lease Directory is based on the data supplied by State Governments under the statutory Rule 59(2) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016 and the data received from Regional Offices of IBM. The source of information is considered reliable. However, no guarantee is expressed or implied regarding accuracy, adequacy, completeness, legality, usefulness of the information. IBM shall not be responsible for any tort or liability arising out of or in connection with the use of data. The disclaimer applies to use of information in isolated or aggregate terms. The data is provided on “as is” basis and assumes no responsibility for errors or omissions. IBM reserves the right to make additions, deletions or modifications to the content/information any time without prior notice as the validation of data is a continuous process. Also, the Bureau does not warrant that the website is free of viruses and shall not be liable for any damage that could be directly or indirectly caused on browsing it.

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PREFACE

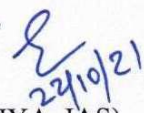
Indian Bureau of Mines (IBM) is mandated to maintain a repository of database on Mineral & Mines Sector. In pursuance of this task, IBM undertakes compilation and perpetuation of Directory of Mining Leases in India which comprises detailed information on Mining Leases granted/executed. The titles namely, Bulletin of Mineral Information and Bulletin of Mining Leases and Prospecting Licences are regularly published based on this Directory.

The Bulletin of Mining Leases and Prospecting Licences 2020 (Excluding Atomic Minerals, Coal, Lignite, Petroleum, Natural Gas & Minor Minerals) is the 23rd edition under the series. It contains information on Mining Leases (ML), Prospecting Licences (PL) and Composite Licences (PL cum ML) as on 31.3.2020. The information sourced from the Directory of Mining Leases after assortment and analysis is segregated into State-wise, District-wise, Mineral-wise and Sector-wise categories and integrated into the text for easy comprehension. Further, the data on distribution of Mining Leases executed across the country have been demarcated and classified into high, medium and low mineral-potential-bearing districts to facilitate easy assimilation.

A large portion of this publication is based on the Directory of Mining Leases as on 31.3.2020, which in turn is compiled from the data supplied by State Governments under the statutory Rule 59(2) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concessions Rules, 2016. IBM is thankful to all the State Government Departments for furnishing information on mining leases, prospecting licences, composite licences (prospecting licence-cum-mining lease). It is my belief that this publication would prove to be useful and handy to stakeholders in the Mines and Mineral Sector looking for information on mineral concession i.e Mining Leases and Prospecting Licences across India, in compiled form.

New Delhi

Dated:


(SANJAY LOHIYA, IAS)
Additional Secretary &
Controller General (In-charge)
Indian Bureau of Mines

Controller General (I/c)
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Contents

| | | |
|-----------|---|-----------|
| 1. | INTRODUCTION | 1 |
| 2. | LAND USE SCENARIO | 3 |
| 3. | MINING LEASES | 4 |
| | 3.1 Statewise Analysis | 4 |
| | 3.2 Districtwise Analysis | 38 |
| | 3.3 Mineralwise Analysis | 41 |
| | 3.4 Frequency Distribution | 45 |
| | 3.5 Sectorwise Distribution | 49 |
| 4. | PROSPECTING LICENCES | 58 |
| | 4.1 Statewise Distribution | 58 |
| | 4.2 Mineralwise Distribution | 58 |
| | 4.3 Composite Licences (Prospecting Licence-cum-Mining Lease) | 58 |
| 5. | RECONNAISSANCE PERMITS | 59 |

List of Tables

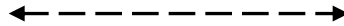
| | | |
|-------------------|--|-------|
| Table – 1 | Statewise Summary of Mining Lease Distribution as on 31.03.2020 (P) | 5 |
| Table – 2 | Mineralwise Summary of Mining Lease Distribution as on 31.03.2020 (P) | 6 |
| Table – 3 | Statewise/Mineralwise Distribution of Mining Lease as on 31.3.2020 (P) | 7 |
| Table – 4 | Statewise/Districtwise /Mineral wise Distribution of Mining Leases as on 31.3.2020 (P) | 13 |
| Table – 5 | High Mineral Potential Districts (P) | 39 |
| Table – 6 | Medium Mineral Potential Districts (P) | 39 |
| Table – 7 | Low Mineral Potential Districts (P) | 40 |
| Table – 8 | Distribution of Mining Leases for Scheduled Minerals as on 31.03.2020(P) | 42 |
| Table – 9 | Distribution of Mining Leases for Non-Scheduled Minerals as on 31.03.2020 (P) | 43-44 |
| Table – 10 | Category wise Number of Minerals, their Mining Leases and Area of Leases (P) | 46 |
| Table – 11 | Frequency Distribution of Mining Leases (P) | 47-48 |
| Table – 12 | Sector wise Distribution of Mining Leases (As on 31.03.2020) (Provisional) (Public Sector and Private Sector) | 51 |
| Table – 13 | Sectorwise Distribution of Mining Leases (As on 31.03.2020 (P) (Under Central Government and State Governments) | 52 |
| Table – 14 | Summary of Lease Distribution in Public Sector (As on 31.3.2020) (P) | 53-57 |

Introduction

India is endowed with a wide variety of naturally occurring minerals. The country has a total geographical area of 328.73 million hectares. Of this, the mining lease area, except for fuel, atomic minerals and all minor minerals, constitutes around 0.09% (3,12,645.72 hectares). The position of mining leases as on 31.3.2020(P) reveals that there are as many as 3,437 mining leases (excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals) granted in the country by the State Governments covering 40 minerals with a total lease area of about 3,12,645.72 hectares and that which are spread over 23 States. These 40 minerals are broadly classified into metallic and non-metallic minerals. These are being exploited to cater to the needs of domestic mineral-based industries as well as to meet export demands to earn foreign exchange. This Bulletin highlights statewise, sectorwise and districtwise distribution of mining leases, frequency distribution of mining leases, prospecting licences and reconnaissance permits, etc. Though apparently negligible, the mining lease area of the country is considered as an important land use segment as it contributes to the economic growth of the country. Besides, it calls for environmental protection, as land under leases is subjected to degradation during the process of mining activities.

Under Rule 59 (1) of Minerals (other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016, a copy of every mineral concession granted or renewed under the Act and the rules made thereunder shall be supplied by each State Government within two months of such grant or renewal to the Controller General, Indian Bureau of Mines. Besides, under Rule 59 (2) of the said Rules, 2016, a consolidated annual return of all mineral concessions granted or renewed under the Act and rules made thereunder shall be supplied by each State Government to the Controller General, Indian Bureau of Mines, in such form as may be specified by him (Proforma 'A'; prospecting licences/mining leases renewed in Proforma 'B' and termination of mining leases & reasons for termination in Proforma 'C' for the preceding financial year ending in March), not later than the 30th day of June following the year to which the return relates.

The information pertaining to mining leases and prospecting licences as received is then compiled, processed and updated. These stored data can be retrieved and made available for analysis & further requisite studies and for the information seekers.



Land Use Scenario

India's geographical area is about 328.73 million hectares. The entire geographical area is broadly classified into 7 segments which are as follows:

| S. No. | Area/Segment | Total Area* (Million ha) | Percentage of Area |
|--------|---|-----------------------------|-----------------------|
| | Total Geographical Area | 328.73 | 100.00 |
| 1 | Net Area Sown (Crop Area) | 139.42 | 42.41 |
| 2 | Permanent Pastures & other Grazing Land | 10.34 | 3.15 |
| 3 | Forest | 72.02 | 21.91 |
| 4 | Mining Lease Area* | 0.31 | 0.09 |
| 5 | Fallow Lands | 26.36 | 8.02 |
| 6 | Land not Available for Cultivation | 44.82 | 13.63 |
| 7 | Other Area | 35.46 | 10.79 |

Source: Directorate of Economics & Statistics, Department of Agriculture & Cooperation, Pocket Book on Agricultural Statistics, 2020

* **Source:** ML Directory as on 31.03.2020(P) prepared by IBM based on data received from State Govts./UTs.
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)

The mining lease area constitutes around 3,12,645.72 hectares which is approximately 0.09% of the total geographical area. However, mining lease area, though a minuscule segment in the total land area, continues to be an important segment and an essential contributing factor to the economy of the country. At the same time, there is an imperative need to pay due attention to environment aspects as these land areas under mining leases are subjected to various processes of mining activity and are liable to degradation.



Mining Leases

3.1 STATEWISE ANALYSIS

As per the Lease Directory as on 31.3.2020 (Provisional), there were 3,437 mining leases granted by State Governments for 40 different minerals, covering an area of 3,12,645.72 hectares in the country. States rich in minerals where maximum number of mining leases were granted are Madhya Pradesh (20%) followed by Tamil Nadu (14%), Gujarat & Andhra Pradesh (12% each), Karnataka (11%), Chhattisgarh, Maharashtra, Odisha & Rajasthan (5% each), Jharkhand (4%) and Telangana (2%). These eleven States together account for about 95% of the total leases executed and the remaining twelve States where such leases were executed accounted for about 5 % of the total mining leases.

The maximum area in percentage covered under mining leases in different States are Odisha (18%) followed by Karnataka (13%), Madhya Pradesh (12%), Rajasthan (11%), Andhra Pradesh & Gujarat (9% each), Chhattisgarh (8%) Jharkhand (7%), Maharashtra (4%), and Telangana & Tamil Nadu (3% each). These eleven States account for about 97% of the total mining lease area granted and the remaining 3 percent was accounted for by the rest of the twelve States.

The Statewise mining lease distribution together with lease areas as well as statewise/ districtwise distribution of mining leases as on 31.03.2020 (P) are furnished in Tables - 1 to 4.

Table – 1: Statewise Summary of Mining Lease Distribution
(Other than Atomic, Hydrocarbons Energy & Minor Minerals)
As on 31.03.2020 (P)
(All India)

| State | No. of Leases | Percentage | Area (In ha) | Percentage |
|------------------|----------------------|-------------------|---------------------|-------------------|
| Andhra Pradesh | 403 | 11.72 | 27918.98 | 8.93 |
| Assam | 7 | 0.20 | 889.50 | 0.28 |
| Bihar | 1 | 0.03 | 53.38 | 0.02 |
| Chhattisgarh | 185 | 5.38 | 24593.89 | 7.87 |
| Goa | 15 | 0.44 | 2378.65 | 0.76 |
| Gujarat | 416 | 12.10 | 26821.10 | 8.58 |
| Haryana | 4 | 0.12 | 46.85 | 0.02 |
| Himachal Pradesh | 42 | 1.22 | 2459.78 | 0.79 |
| Jammu & Kashmir | 37 | 1.07 | 1984.12 | 0.63 |
| Jharkhand | 146 | 4.25 | 21980.61 | 7.03 |
| Karnataka | 379 | 11.03 | 39116.01 | 12.51 |
| Kerala | 5 | 0.15 | 421.65 | 0.13 |
| Madhya Pradesh | 701 | 20.40 | 37207.31 | 11.90 |
| Maharashtra | 168 | 4.89 | 13935.08 | 4.46 |
| Meghalaya | 22 | 0.64 | 1019.34 | 0.33 |
| Odisha | 173 | 5.03 | 55138.52 | 17.64 |
| Rajasthan | 171 | 4.98 | 33492.81 | 10.71 |
| Sikkim | 2 | 0.06 | 78.00 | 0.02 |
| Tamil Nadu | 464 | 13.50 | 9062.24 | 2.90 |
| Telangana | 84 | 2.44 | 10882.45 | 3.48 |
| Uttar Pradesh | 4 | 0.12 | 2960.19 | 0.95 |
| Uttarakhand | 7 | 0.20 | 191.79 | 0.06 |
| West Bengal | 1 | 0.03 | 13.47 | 0.00 |
| All India | 3437 | 100.00 | 312645.72 | 100.00 |

Sources: Respective State Governments (DGMs/DMGs etc.); The data received from respective regional offices of IBM have also been taken into account, wherever necessary
(P): Provisional

Table-2: MineralWise Summary of Mining Lease Distribution
(Other than Atomic, Hydrocarbons Energy & Minor Minerals)
As on 31.03.2020 (P)
(All India)

| Sl. No. | Mineral | No. of Leases | Lease Area (ha) |
|---------|----------------------|---------------|------------------|
| 1 | Amethyst | 3 | 6.63 |
| 2 | Apatite | 1 | 13.47 |
| 3 | Aquamarine | 1 | 24.29 |
| 4 | Bauxite | 363 | 30083.94 |
| 5 | Borax | 1 | 159.00 |
| 6 | Chromite | 27 | 7687.85 |
| 7 | Copper Ore | 12 | 4179.73 |
| 8 | Diamond | 2 | 275.96 |
| 9 | Emerald | 1 | 46.32 |
| 10 | Epidote | 1 | 4.05 |
| 11 | Flint Stone | 2 | 11.78 |
| 12 | Fluorite | 10 | 326.24 |
| 13 | Garnet | 28 | 175.35 |
| 14 | Garnet (Gem) | 1 | 4.27 |
| 15 | Gold | 11 | 6972.29 |
| 16 | Graphite | 38 | 1627.36 |
| 17 | Iolite | 5 | 61.79 |
| 18 | Iron Ore | 431 | 66061.08 |
| 19 | Kyanite | 24 | 1394.03 |
| 20 | Lead & zinc Ore | 8 | 7098.20 |
| 21 | Limeshell | 21 | 1557.82 |
| 22 | Limestone | 1959 | 163932.88 |
| 23 | Magnesite | 39 | 2289.85 |
| 24 | Manganese Ore | 270 | 12302.53 |
| 25 | Marl | 6 | 1111.14 |
| 26 | Moulding Sand | 4 | 24.75 |
| 27 | Perlite | 1 | 144.88 |
| 28 | Phosphorite | 4 | 1893.38 |
| 29 | Rock Phosphate | 6 | 163.87 |
| 30 | Rock Salt | 1 | 8.12 |
| 31 | Ruby | 1 | 27.66 |
| 32 | Sapphire | 1 | 673.40 |
| 33 | Semi-precious Stones | 17 | 276.85 |
| 34 | Siliceous Earth | 45 | 319.03 |
| 35 | Sillimanite | 1 | 4.64 |
| 36 | Stibnite | 1 | 40.47 |
| 37 | Tin | 15 | 319.17 |
| 38 | Vermiculite | 56 | 892.75 |
| 39 | White shale | 4 | 146.18 |
| 40 | Wollastonite | 15 | 302.72 |
| | Total | 3437 | 312645.72 |

Sources: Respective State Governments (DGMs/DMGs etc.); The data received from respective Regional Offices of IBM have also been taken into account wherever necessary

(P): Provisional

**Table – 3: Statewise/Mineralwise Distribution of Mining Lease
As on 31.3.2020 (P)**

| State | Minerals | No. of Leases | Area (In ha) |
|-----------------------|----------------------|----------------------|---------------------|
| Andhra Pradesh | Garnet | 4 | 4.71 |
| | Gold | 1 | 597.82 |
| | Iron Ore | 59 | 2442.85 |
| | Limeshell | 3 | 79.58 |
| | Limestone | 232 | 22951.74 |
| | Manganese Ore | 38 | 750.39 |
| | Semi-precious Stones | 13 | 124.60 |
| | Vermiculite | 49 | 821.11 |
| | White shale | 4 | 146.18 |
| | Total | 403 | 27918.98 |
| Assam | Limestone | 7 | 889.50 |
| | Total | 7 | 889.50 |
| Bihar | Limestone | 1 | 53.38 |
| | Total | 1 | 53.38 |
| Chhattisgarh | Bauxite | 28 | 5757.17 |
| | Graphite | 1 | 67.11 |
| | Iron Ore | 24 | 8348.63 |
| | Limestone | 114 | 10096.06 |
| | Moulding Sand | 4 | 24.75 |
| | Tin Ore | 14 | 300.17 |
| Total | 185 | 24593.89 | |

contd...

Table-3 (contd)

| State | Mineral | No. of Leases | Area (In ha) |
|----------------------------|---------------|---------------|-----------------|
| Goa | Bauxite | 4 | 1791.08 |
| | Iron Ore | 10 | 518.10 |
| | Manganese Ore | 1 | 69.47 |
| | Total | 15 | 2378.65 |
| Gujarat | Bauxite | 139 | 5048.4 |
| | Copper Ore | 1 | 184.98 |
| | Fluorite | 2 | 63.2 |
| | Limestone | 266 | 20265.55 |
| | Manganese Ore | 1 | 2.95 |
| | Marl | 6 | 1111.14 |
| | Perlite | 1 | 144.88 |
| | Total | 416 | 26821.10 |
| Haryana | Limestone | 4 | 46.85 |
| | Total | 4 | 46.85 |
| Himachal Pradesh | Limestone | 41 | 2451.66 |
| | Rock Salt | 1 | 8.12 |
| | Total | 42 | 2459.78 |
| Jammu & Kashmir | Borax | 1 | 159.00 |
| | Limestone | 34 | 701.42 |
| | Magnesite | 1 | 450.3 |
| | Sapphire | 1 | 673.4 |
| | Total | 37 | 1984.12 |

**Jammu & Kashmir has been declared as on Union Territory consequent upon Jammu & Kashmir Reorganization Act, 2019*

Table-3 (contd)

| State | Mineral | No. of Leases | Area (In ha) |
|------------------|---------------|---------------|-----------------|
| Jharkhand | Bauxite | 44 | 3458.45 |
| | Copper Ore | 3 | 2313.37 |
| | Flint Stone | 2 | 11.78 |
| | Garnet | 1 | 8.2 |
| | Gold | 2 | 74.05 |
| | Graphite | 16 | 580.43 |
| | Iron Ore | 30 | 9805.49 |
| | Kyanite | 7 | 1032.00 |
| | Limestone | 40 | 4675.65 |
| | Manganese Ore | 1 | 21.19 |
| | Total | 146 | 21980.61 |
| Karnataka | Bauxite | 5 | 370.02 |
| | Chromite | 5 | 691.4 |
| | Copper Ore | 2 | 416.53 |
| | Gold | 8 | 6300.42 |
| | Graphite | 4 | 235.03 |
| | Iron Ore | 127 | 10125.86 |
| | Kyanite | 6 | 45.54 |
| | Limeshell | 15 | 1374.23 |
| | Limestone | 144 | 16418.63 |
| | Magnesite | 9 | 163.83 |
| | Manganese Ore | 52 | 2966.21 |
| | Vermiculite | 2 | 8.31 |
| | Total | 379 | 39116.01 |
| Kerala | Graphite | 1 | 1.25 |
| | Iron Ore | 1 | 86.06 |
| | Limeshell | 2 | 99.4 |
| | Limestone | 1 | 234.94 |
| | Total | 5 | 421.65 |

Table-3 (contd)

| State | Mineral | No. of Leases | Area (In ha) |
|-----------------------|-----------------|---------------|-----------------|
| Madhya Pradesh | Bauxite | 95 | 1601.40 |
| | Copper Ore | 1 | 480.10 |
| | Diamond | 2 | 275.96 |
| | Iron Ore | 41 | 451.07 |
| | Lead & Zinc Ore | 1 | 8.93 |
| | Limestone | 457 | 32375.21 |
| | Manganese Ore | 97 | 1810.30 |
| | Rock Phosphate | 6 | 163.87 |
| | Stibnite | 1 | 40.47 |
| | Total | 701 | 37207.31 |
| Maharashtra | Bauxite | 37 | 4667.67 |
| | Chromite | 1 | 16.22 |
| | Fluorite | 1 | 31.22 |
| | Iron Ore | 32 | 1754.44 |
| | Kyanite | 8 | 162.47 |
| | Limestone | 46 | 6190.08 |
| | Manganese Ore | 43 | 1112.98 |
| | Total | 168 | 13935.08 |
| Meghalaya | Limestone | 21 | 1014.7 |
| | Sillimanite | 1 | 4.64 |
| | Total | 22 | 1019.34 |

Table-3 (contd)

| State | Mineral | No. of Leases | Area (In ha) |
|------------------|----------------------|---------------|-----------------|
| Odisha | Aquamarine | 1 | 24.29 |
| | Bauxite | 6 | 6849.87 |
| | Chromite | 21 | 6980.23 |
| | Garnet | 2 | 67.06 |
| | Graphite | 10 | 467.79 |
| | Iolite | 5 | 61.79 |
| | Iron Ore | 85 | 30277.98 |
| | Limestone | 16 | 5365.78 |
| | Manganese Ore | 21 | 4844.82 |
| | Ruby | 1 | 27.66 |
| | Semi-precious Stones | 4 | 152.25 |
| | Tin Ore | 1 | 19.00 |
| | Total | 173 | 55138.52 |
| Rajasthan | Bauxite | 1 | 123.20 |
| | Copper Ore | 3 | 706.75 |
| | Emerald | 1 | 46.32 |
| | Epidote | 1 | 4.05 |
| | Fluorite | 7 | 231.82 |
| | Garnet | 16 | 73.54 |
| | Garnet (Gem) | 1 | 4.27 |
| | Iron Ore | 17 | 2204.17 |
| | Kyanite | 3 | 154.02 |
| | Lead & Zinc Ore | 7 | 7089.27 |
| | Limestone | 41 | 20262.01 |
| | Magnesite | 4 | 19.75 |
| | Manganese Ore | 1 | 18.89 |
| | Phosphorite | 4 | 1893.38 |
| | Siliceous Earth | 45 | 319.03 |

Table-3 (contd)

| State | Mineral | No. of Leases | Area (In ha) |
|----------------------|---------------|---------------|-----------------|
| | Vermiculite | 4 | 39.62 |
| | Wollastonite | 15 | 302.72 |
| | Total | 171 | 33492.81 |
| Sikkim | Copper Ore | 2 | 78.00 |
| | Total | 2 | 78.00 |
| Tamil Nadu | Bauxite | 4 | 416.68 |
| | Graphite | 6 | 275.75 |
| | Limeshell | 1 | 4.61 |
| | Limestone | 431 | 6863.15 |
| | Magnesite | 21 | 1478.34 |
| | Vermiculite | 1 | 23.71 |
| | Total | 464 | 9062.24 |
| Telangana | Amethyst | 3 | 6.63 |
| | Garnet | 5 | 21.84 |
| | Iron Ore | 5 | 46.43 |
| | Limestone | 56 | 10102.22 |
| | Manganese Ore | 15 | 705.33 |
| | Total | 84 | 10882.45 |
| Uttar Pradesh | Limestone | 4 | 2960.19 |
| | Total | 4 | 2960.19 |
| Uttarakhand | Limestone | 3 | 14.16 |
| | Magnesite | 4 | 177.63 |
| | Total | 7 | 191.79 |
| West Bengal | Apatite | 1 | 13.47 |
| | Total | 1 | 13.47 |

Source: Information received from respective State Government Departments
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals) P:- Provisional

**Table- 4 : Statewise/Districtwise/Mineralwise Distribution of Mining Leases
As on 31.3.2020 (P)**

| State | District | Mineral | No. of Leases | Area (In ha) |
|----------------|-----------|--------------|---------------|----------------|
| Andhra Pradesh | Anantapur | Iron Ore | 8 | 196.59 |
| | | Limestone | 33 | 1938.95 |
| | | White Shale | 1 | 7.02 |
| | | Total | 42 | 2142.56 |
| | Cuddapah | Iron Ore | 11 | 1011.53 |
| | | Limestone | 23 | 3781.74 |
| | | White Shale | 3 | 139.16 |
| | | Total | 37 | 4932.43 |
| | Guntur | Limestone | 34 | 5412.89 |
| | | Total | 34 | 5412.89 |
| | Krishna | Iron Ore | 5 | 25.27 |
| | | Limestone | 13 | 3210.31 |
| | | Total | 18 | 3235.58 |
| | Kurnool | Gold | 1 | 597.82 |
| | | Iron Ore | 29 | 448.09 |
| | | Limestone | 125 | 8591.13 |
| | | Total | 155 | 9637.04 |
| | Nellore | Iron Ore | 2 | 222.22 |
| | | Limeshell | 2 | 75.58 |
| | | Vermiculite | 49 | 821.11 |
| | | Total | 53 | 1118.91 |
| | Prakasam | Garnet | 4 | 4.71 |
| | | Iron Ore | 4 | 539.15 |
| | | Total | 8 | 543.86 |

(contd)

Table-4 (Contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|----------------|--------------------|----------------------|----------------|----------------|
| Andhra Pradesh | Srikakulam | Limeshell | 1 | 4.00 |
| | | Total | 1 | 4.00 |
| | Visakhapatnam | Limestone | 4 | 16.72 |
| | | Semi-precious Stones | 13 | 124.60 |
| | | Total | 17 | 141.32 |
| | Vizianagaram | Manganese Ore | 38 | 750.39 |
| Total | | 38 | 750.39 | |
| Assam | Karbi Anglong | Limestone | 1 | 171.00 |
| | | Total | 1 | 171.00 |
| | North Cachar Hills | Limestone | 6 | 718.50 |
| | | Total | 6 | 718.50 |
| Bihar | Rohtas | Limestone | 1 | 53.38 |
| | | Total | 1 | 53.38 |
| Chhattisgarh | Balod | Iron Ore | 4 | 2562.69 |
| | | Total | 4 | 2562.69 |
| | Baloda Bazar | Limestone | 25 | 5484.88 |
| | | Total | 25 | 5484.88 |
| | Balrampur | Bauxite | 4 | 4000.55 |
| | | Graphite | 1 | 67.11 |
| Total | | 5 | 4067.66 | |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|---------------|----------------|---------------|----------------|----------------|
| Chhattisgarh | Bastar | Limestone | 17 | 53.88 |
| | | Total | 17 | 53.88 |
| | Bemetara | Limestone | 1 | 17.90 |
| | | Total | 1 | 17.90 |
| | Bilaspur | Limestone | 3 | 1788.62 |
| | | Total | 3 | 1788.62 |
| | Dantewada | Iron Ore | 7 | 2998.71 |
| | | Tin | 7 | 99.81 |
| | | Total | 14 | 3098.52 |
| | Durg | Limestone | 47 | 1601.91 |
| | | Moulding Sand | 2 | 8.08 |
| | | Total | 49 | 1609.99 |
| | Janjgir-Champa | Limestone | 3 | 713.32 |
| | | Total | 3 | 713.32 |
| | Jashpur | Bauxite | 2 | 40.61 |
| | | Total | 2 | 40.61 |
| | Kabirdham | Bauxite | 3 | 669.64 |
| | | Limestone | 2 | 13.76 |
| | | Total | 5 | 683.40 |
| | Kanker | Bauxite | 3 | 13.22 |
| | | Iron Ore | 10 | 2404.27 |
| Moulding Sand | | 1 | 13.84 | |
| Total | | 14 | 2431.33 | |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|--------------|-------------|----------------|----------------|---------------|
| Chhattisgarh | Kondagaon | Bauxite | 2 | 27.28 |
| | | Total | 2 | 27.28 |
| | Narayanpur | Iron Ore | 1 | 192.25 |
| | | Total | 1 | 192.25 |
| | Raigarh | Limestone | 1 | 7.41 |
| | | Total | 1 | 7.41 |
| | Raipur | Limestone | 15 | 414.38 |
| | | Total | 15 | 414.38 |
| | Rajnandgaon | Iron Ore | 2 | 190.71 |
| | | Moulding Sand | 1 | 2.83 |
| | | Total | 3 | 193.54 |
| | Sukma | Tin | 7 | 200.36 |
| | | Total | 7 | 200.36 |
| | Surguja | Bauxite | 14 | 1005.87 |
| Total | | 14 | 1005.87 | |
| Goa | North Goa | Iron Ore | 4 | 158.62 |
| | | Total | 4 | 158.62 |
| | South Goa | Bauxite | 4 | 1791.08 |
| | | Iron Ore | 6 | 359.48 |
| | | Manganese Ore | 1 | 69.47 |
| Total | 11 | 2220.03 | | |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|---------|------------------|--------------|---------------|----------------|
| Gujarat | Amreli | Bauxite | 1 | 12.68 |
| | | Limestone | 6 | 1844.37 |
| | | Total | 7 | 1857.05 |
| | Aravali | Bauxite | 4 | 16.39 |
| | | Total | 4 | 16.39 |
| | Banaskantha | Copper Ore | 1 | 184.98 |
| | | Limestone | 1 | 3.76 |
| | | Total | 2 | 188.74 |
| | Bhavnagar | Limestone | 7 | 2971.03 |
| | | Total | 7 | 2971.03 |
| | Chhota Udaipur | Fluorite | 2 | 63.20 |
| | | Total | 2 | 63.20 |
| | Devbhoomi Dwarka | Bauxite | 106 | 2774.01 |
| | | Limestone | 32 | 1196.53 |
| | | Marl | 3 | 13.45 |
| | | Total | 141 | 3983.99 |
| | Gir Somnath | Limestone | 68 | 3642.69 |
| | | Marl | 2 | 454.67 |
| | | Total | 70 | 4097.36 |
| | Jamnagar | Limestone | 26 | 1672.01 |
| | | Total | 26 | 1672.01 |
| | Junagarh | Limestone | 16 | 203.69 |
| | | Total | 16 | 203.69 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|------------------|--------------|---------------|---------------|----------------|
| Gujarat | Kheda | Bauxite | 10 | 63.57 |
| | | Total | 10 | 63.57 |
| | Kachchh | Bauxite | 11 | 2049.46 |
| | | Limestone | 8 | 5681.88 |
| | | Total | 19 | 7731.34 |
| | Panchmahals | Manganese Ore | 1 | 2.95 |
| | | Total | 1 | 2.95 |
| | Porbandar | Bauxite | 6 | 112.29 |
| | | Limestone | 97 | 2072.15 |
| | | Marl | 1 | 643.02 |
| | | Total | 104 | 2827.46 |
| | Rajkot | Limestone | 3 | 12.00 |
| | | Perlite | 1 | 144.88 |
| | | Total | 4 | 156.88 |
| | Sabarkantha | Bauxite | 1 | 20.00 |
| | | Limestone | 1 | 1.00 |
| | | Total | 2 | 21.00 |
| | Surat | Limestone | 1 | 964.44 |
| | | Total | 1 | 964.44 |
| Haryana | Mahendragarh | Limestone | 4 | 46.85 |
| | | Total | 4 | 46.85 |
| Himachal Pradesh | Bilaspur | Limestone | 1 | 231.25 |
| | | Total | 1 | 231.25 |

Table-4 (contd)

| State | Districts | Minerals | No. of Leases | Area (In ha) | |
|------------------|-----------------|--------------|----------------|----------------|---------------|
| Himachal Pradesh | Mandi | Limestone | 1 | 725.86 | |
| | | Rock Salt | 1 | 8.12 | |
| | | Total | 2 | 733.98 | |
| | Sirmur | Limestone | 36 | 468.47 | |
| | | Total | 36 | 468.47 | |
| | Solan | Limestone | 3 | 1026.08 | |
| | | Total | 3 | 1026.08 | |
| | Jammu & Kashmir | Anantnag | Limestone | 22 | 216.15 |
| | | | Total | 22 | 216.15 |
| Kishtwar | | Sapphire | 1 | 673.40 | |
| | | Total | 1 | 673.40 | |
| Leh | | Borax | 1 | 159.00 | |
| | | Total | 1 | 159.00 | |
| Pulwama | | Limestone | 9 | 248.13 | |
| | | Total | 9 | 248.13 | |
| Reasi | Magnesite | 1 | 450.30 | | |
| | Total | 1 | 450.30 | | |
| Srinagar | Limestone | 3 | 237.14 | | |
| | Total | 3 | 237.14 | | |
| Jharkhand | Bokaro | Limestone | 1 | 17.57 | |
| | | Total | 1 | 17.57 | |
| | Garwah | Limestone | 3 | 1179.44 | |
| | | Total | 3 | 1179.44 | |
| | Gumla | Bauxite | 26 | 2318.01 | |
| Total | | 26 | 2318.01 | | |

Jammu & Kashmir has been declared as on Union Territory consequent upon Jammu & Kashmir Reorganisation Act, 2019

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|------------------|---------------------|--------------|----------------|----------------|
| Jharkhand | Hazaribagh | Garnet | 1 | 8.20 |
| | | Limestone | 2 | 84.83 |
| | | Total | 3 | 93.03 |
| | Latehar | Bauxite | 2 | 476.04 |
| | | Graphite | 1 | 7.22 |
| | | Iron Ore | 1 | 5.04 |
| | | Total | 4 | 488.30 |
| | Lohardaga | Bauxite | 16 | 664.40 |
| | | Total | 16 | 664.40 |
| | Palamu | Graphite | 15 | 573.21 |
| | | Iron Ore | 2 | 31.04 |
| | | Limestone | 1 | 1043.41 |
| | | Total | 18 | 1647.66 |
| | Ramgarh | Limestone | 4 | 87.43 |
| | | Total | 4 | 87.43 |
| | Ranchi | Limestone | 4 | 1289.53 |
| | | Total | 4 | 1289.53 |
| | Sahebganj | Flint Stone | 2 | 11.78 |
| | | Total | 2 | 11.78 |
| | Saraikela-Kharaswan | Kyanite | 4 | 936.31 |
| | | Total | 4 | 936.31 |
| Singhbhum (East) | Copper Ore | 3 | 2313.37 | |
| | Gold | 2 | 74.05 | |
| | Kyanite | 3 | 95.69 | |
| | Total | 8 | 2483.11 | |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|------------------|-------------------------|---------------|---------------|-----------------|
| Jharkhand | Singhbhum (West) | Iron Ore | 27 | 9769.41 |
| | | Limestone | 25 | 973.44 |
| | | Manganese Ore | 1 | 21.19 |
| | | Total | 53 | 10764.04 |
| Karnataka | Bagalkote | Iron Ore | 3 | 74.84 |
| | | Limestone | 88 | 5458.60 |
| | | Total | 91 | 5533.44 |
| | Belgavi | Bauxite | 5 | 370.02 |
| | | Iron Ore | 1 | 20.23 |
| | | Limestone | 19 | 1559.43 |
| | | Manganese Ore | 1 | 40.47 |
| | | Total | 26 | 1990.15 |
| | Ballari | Iron Ore | 90 | 8193.21 |
| | | Manganese Ore | 6 | 379.36 |
| | | Total | 96 | 8572.57 |
| | Chikmagalur | Iron Ore | 1 | 4.89 |
| | | Total | 1 | 4.89 |
| | Chitradurga | Copper Ore | 2 | 416.53 |
| | | Iron Ore | 13 | 595.65 |
| | | Limestone | 13 | 1618.89 |
| | | Manganese Ore | 22 | 964.32 |
| | | Total | 50 | 3595.39 |

Table-4 (contd)

| State | Districts | Minerals | No. of Leases | Area (In ha) |
|--------------|----------------|---------------|----------------|----------------|
| Karnataka | Davanagere | Iron Ore | 1 | 38.45 |
| | | Manganese Ore | 4 | 79.51 |
| | | Total | 5 | 117.96 |
| | Gadag | Iron Ore | 4 | 190.37 |
| | | Total | 4 | 190.37 |
| | Kalaburgi | Gold | 1 | 55.73 |
| | | Limestone | 18 | 7319.93 |
| | | Total | 19 | 7375.66 |
| | Hassan | Chromite | 5 | 691.40 |
| | | Kyanite | 1 | 2.93 |
| | | Total | 6 | 694.33 |
| | Kolar | Gold | 1 | 5213.21 |
| | | Total | 1 | 5213.21 |
| | Mysuru | Graphite | 4 | 235.03 |
| | | Kyanite | 5 | 42.61 |
| | | Magnesite | 9 | 163.83 |
| | | Vermiculite | 2 | 8.31 |
| | | Total | 20 | 449.78 |
| | Uttara Kannada | Iron Ore | 5 | 522.30 |
| | | Limeshell | 12 | 1106.74 |
| | | Manganese Ore | 8 | 568.66 |
| Total | | 25 | 2197.70 | |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|--------------|------------|-------------------------|---------------|----------------|
| Karnataka | Raichur | Gold | 5 | 993.44 |
| | | Total | 5 | 993.44 |
| | Shivamogga | Limestone | 1 | 40.12 |
| | | Manganese Ore | 2 | 543.60 |
| | | Total | 3 | 583.72 |
| | Tumakuru | Gold | 1 | 38.04 |
| | | Iron Ore | 9 | 485.92 |
| | | Limestone | 4 | 418.75 |
| | | Manganese Ore | 9 | 390.29 |
| | | Total | 23 | 1333.00 |
| | Udupi | Limeshell | 3 | 267.49 |
| | | Total | 3 | 267.49 |
| | Yadgir | Limestone | 1 | 2.91 |
| | | Total | 1 | 2.91 |
| | Kerala | Alappuzha (Alleppey) | Limeshell | 1 |
| Total | | | 1 | 4.90 |
| Ernakulam | | Graphite | 1 | 1.25 |
| | | Total | 1 | 1.25 |
| Kottayam | | Limeshell | 1 | 94.50 |
| | | Total | 1 | 94.50 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|----------------|---------------|-----------------|----------------|----------------|
| Kerala | Kozhikode | Iron Ore | 1 | 86.06 |
| | | Total | 1 | 86.06 |
| | Palakkad | Limestone | 1 | 234.94 |
| | | Total | 1 | 234.94 |
| Madhya Pradesh | Alirajpur | Manganese Ore | 1 | 15.26 |
| | | Total | 1 | 15.26 |
| | Anuppur | Bauxite | 3 | 170.82 |
| | | Total | 3 | 170.82 |
| | Balaghat | Bauxite | 1 | 40.47 |
| | | Copper Ore | 1 | 480.10 |
| | | Iron Ore | 1 | 4.95 |
| | | Limestone | 6 | 33.89 |
| | | Manganese Ore | 67 | 1466.38 |
| | | Total | 76 | 2025.79 |
| | Betul | Lead & zinc Ore | 1 | 8.93 |
| | | Total | 1 | 8.93 |
| | Chhatarpur | Iron Ore | 2 | 8.35 |
| | | Rock phosphate | 2 | 61.96 |
| Total | | 4 | 70.31 | |
| Chhindwara | Manganese Ore | 16 | 183.54 | |
| | Total | 16 | 183.54 | |
| Damoh | Limestone | 8 | 1347.20 | |
| | Stibnite | 1 | 40.47 | |
| | Total | 9 | 1387.67 | |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|----------------|-------------|----------------|---------------|----------------|
| Madhya Pradesh | Dhar | Limestone | 25 | 2103.00 |
| | | Total | 25 | 2103.00 |
| | Gwalior | Iron Ore | 3 | 19.90 |
| | | Total | 3 | 19.90 |
| | Jabalpur | Bauxite | 5 | 43.61 |
| | | Iron Ore | 30 | 371.39 |
| | | Manganese Ore | 8 | 51.90 |
| | | Total | 43 | 466.90 |
| | Jhabua | Manganese Ore | 4 | 44.66 |
| | | Rock Phosphate | 3 | 49.11 |
| | | Total | 7 | 93.77 |
| | Katni | Bauxite | 27 | 399.61 |
| | | Iron Ore | 2 | 13.62 |
| | | Limestone | 159 | 5155.42 |
| | | Manganese Ore | 1 | 48.56 |
| | | Total | 189 | 5617.21 |
| | Morena | Limestone | 4 | 647.63 |
| | | Total | 4 | 647.63 |
| | Narasinhpur | Limestone | 4 | 17.19 |
| | | Total | 4 | 17.19 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|----------------|----------------|--------------|---------------|-----------------|
| Madhya Pradesh | Neemuch | Limestone | 9 | 1956.40 |
| | | Total | 9 | 1956.40 |
| | | Panna | Diamond | 2 |
| | Limestone | | 2 | 2293.23 |
| | Total | | 4 | 2569.19 |
| | Rewa | | Bauxite | 13 |
| | | Limestone | 36 | 2775.77 |
| | | Total | 49 | 2921.08 |
| | | Sagar | Iron Ore | 2 |
| | Limestone | | 2 | 55.40 |
| | Rock Phosphate | | 1 | 52.80 |
| | Total | | 5 | 124.87 |
| | Satna | | Bauxite | 43 |
| | | Iron Ore | 1 | 16.19 |
| | | Limestone | 198 | 15423.92 |
| | | Total | 242 | 16231.20 |
| | | Sidhi | Bauxite | 3 |
| | Limestone | | 4 | 566.16 |
| | Total | | 7 | 576.65 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|-------------|------------|---------------|---------------|----------------|
| Maharashtra | Bhandara | Chromite | 1 | 16.22 |
| | | Kyanite | 8 | 162.47 |
| | | Manganese Ore | 7 | 352.81 |
| | | Total | 16 | 531.50 |
| | Chandrapur | Fluorite | 1 | 31.22 |
| | | Iron Ore | 3 | 29.91 |
| | | Limestone | 14 | 3496.30 |
| | | Total | 18 | 3557.43 |
| | Gadchiroli | Iron Ore | 8 | 401.03 |
| | | Total | 8 | 401.03 |
| | Gondia | Iron Ore | 4 | 26.97 |
| | | Total | 4 | 26.97 |
| | Kolhapur | Bauxite | 18 | 3241.77 |
| | | Iron Ore | 1 | 143.95 |
| | | Total | 19 | 3385.72 |
| | Nagpur | Manganese Ore | 36 | 760.17 |
| | | Total | 36 | 760.17 |
| | Raigad | Bauxite | 11 | 665.41 |
| | | Total | 11 | 665.41 |
| | Ratnagiri | Bauxite | 8 | 760.49 |
| | | Total | 8 | 760.49 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) | |
|--------------------|-------------------------|----------------|---------------|----------------|---------------|
| Maharashtra | Sindhudurg | Iron Ore | 16 | 1152.58 | |
| | | Total | 16 | 1152.58 | |
| Meghalaya | Yavatmal | Limestone | 32 | 2693.78 | |
| | | Total | 32 | 2693.78 | |
| | Jaintia Hills | Limestone | 17 | 529.92 | |
| | | Total | 17 | 529.92 | |
| | Khasi Hills East | Limestone | 4 | 484.78 | |
| | | Total | 4 | 484.78 | |
| | Khasi Hills West | Sillimanite | 1 | 4.64 | |
| | | Total | 1 | 4.64 | |
| | Odisha | Bargarh | Limestone | 1 | 502.21 |
| | | | Total | 1 | 502.21 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|--------|------------|----------------------|---------------|-----------------|
| Odisha | Bolangir | Graphite | 2 | 66.20 |
| | | Total | 2 | 66.20 |
| | Dhenkanal | Chromite | 3 | 939.32 |
| | | Total | 3 | 939.32 |
| | Jajpur | Chromite | 16 | 4318.10 |
| | | Iron Ore | 1 | 1812.99 |
| | | Total | 17 | 6131.09 |
| | Kalahandi | Garnet | 2 | 67.06 |
| | | Iolite | 4 | 20.31 |
| | | Ruby | 1 | 27.66 |
| | | Semi-precious stones | 1 | 17.12 |
| | | Total | 8 | 132.15 |
| | Keonjhar | Chromite | 2 | 1722.81 |
| | | Iron Ore | 45 | 19362.58 |
| | | Manganese Ore | 6 | 1701.20 |
| | | Total | 53 | 22786.59 |
| | Koraput | Bauxite | 4 | 5343.69 |
| | | Graphite | 1 | 58.70 |
| | | Limestone | 2 | 1586.22 |
| | | Total | 7 | 6988.61 |
| | Malkangiri | Tin | 1 | 19.00 |
| | | Total | 1 | 19.00 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|--------|------------|----------------------|---------------|-----------------|
| Odisha | Mayurbhanj | Iron Ore | 4 | 1088.29 |
| | | Total | 4 | 1088.29 |
| | Nawapara | Graphite | 4 | 116.06 |
| | | Limestone | 3 | 332.96 |
| | | Total | 7 | 449.02 |
| | Raygada | Bauxite | 1 | 1388.74 |
| | | Graphite | 3 | 226.83 |
| | | Iolite | 1 | 41.48 |
| | | Manganese Ore | 3 | 541.78 |
| | | Semi-precious Stones | 2 | 112.03 |
| | | Total | 10 | 2310.86 |
| | Sambalpur | Aquamarine | 1 | 24.29 |
| | | Total | 1 | 24.29 |
| | Sonepur | Semi-precious stones | 1 | 23.10 |
| | | Total | 1 | 23.10 |
| | Sundargarh | Bauxite | 1 | 117.44 |
| | | Iron Ore | 35 | 8014.12 |
| | | Limestone | 10 | 2944.39 |
| | | Manganese Ore | 12 | 2601.84 |
| | | Total | 58 | 13677.79 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|-----------|-------------|-----------------|---------------|----------------|
| Rajasthan | Ajmer | Emerald | 1 | 46.32 |
| | | Garnet | 8 | 37.53 |
| | | Lead & Zinc Ore | 1 | 480.45 |
| | | Limestone | 2 | 1304.83 |
| | | Magnesite | 2 | 9.75 |
| | | Vermiculite | 3 | 34.62 |
| | | Wollastonite | 11 | 111.86 |
| | | Total | 28 | 2025.36 |
| | Alwar | Iron Ore | 1 | 69.37 |
| | | Total | 1 | 69.37 |
| | Banswara | Limestone | 1 | 65.82 |
| | | Manganese Ore | 1 | 18.89 |
| | | Total | 2 | 84.71 |
| | Barmer | Siliceous Earth | 22 | 166.03 |
| | | Total | 22 | 166.03 |
| | Bhilwara | Garnet | 3 | 12.39 |
| | | Garnet (Gem) | 1 | 4.27 |
| | | Iron Ore | 2 | 1989.88 |
| | | Kyanite | 3 | 154.02 |
| | | Lead & Zinc Ore | 1 | 1200.00 |
| | | Total | 10 | 3360.56 |
| | Bundi | Limestone | 1 | 1516.88 |
| | | Total | 1 | 1516.88 |
| | Chittorgarh | Limestone | 11 | 5813.90 |
| | | Total | 11 | 5813.90 |
| | Dausa | Vermiculite | 1 | 5.00 |
| | | Total | 1 | 5.00 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|-----------|-----------------|--------------|---------------|----------------|
| Rajasthan | Dungarpur | Fluorite | 1 | 5.00 |
| | | Total | 1 | 5.00 |
| | Jaipur | Epidote | 1 | 4.05 |
| | | Iron Ore | 5 | 43.12 |
| | | Limestone | 2 | 581.15 |
| | | Total | 8 | 628.32 |
| | | Jaisalmer | Limestone | 2 |
| | Siliceous Earth | | 23 | 153.00 |
| | Total | | 25 | 2151.40 |
| | JalOre | Fluorite | 6 | 226.82 |
| | | Total | 6 | 226.82 |
| | Jhunjhunu | Copper Ore | 3 | 706.75 |
| | | Iron Ore | 7 | 72.24 |
| | | Limestone | 1 | 624.00 |
| | | Total | 11 | 1402.99 |
| | Kota | Limestone | 1 | 895.00 |
| | | Total | 1 | 895.00 |
| | Nagaur | Limestone | 7 | 2903.79 |
| | | Total | 7 | 2903.79 |
| | Pali | Limestone | 5 | 2476.43 |
| | | Magnesite | 2 | 10.00 |
| | | Wollastonite | 2 | 28.86 |
| | | Total | 9 | 2515.29 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|-----------|-----------|-----------------|---------------|----------------|
| Rajasthan | Rajsamand | Garnet | 1 | 4.36 |
| | | Lead & Zinc Ore | 3 | 1725.82 |
| | | Total | 4 | 1730.18 |
| | Sikar | Iron Ore | 2 | 29.56 |
| | | Limestone | 1 | 41.14 |
| | | Total | 3 | 70.70 |
| | Sirohi | Lead & Zinc Ore | 1 | 63.00 |
| | | Limestone | 5 | 1124.03 |
| | | Wollastonite | 1 | 49.48 |
| | | Total | 7 | 1236.51 |
| | Tonk | Garnet | 4 | 19.26 |
| | | Total | 4 | 19.26 |
| | Udaipur | Bauxite | 1 | 123.20 |
| | | Lead & Zinc Ore | 1 | 3620.00 |
| | | Limestone | 2 | 916.64 |
| | | Phosphorite | 4 | 1893.38 |
| | | Wollastonite | 1 | 112.52 |
| | | Total | 9 | 6665.74 |

Table-4 (contd)

| State | Districts | Minerals | No. of Leases | Area (In ha) |
|--------------|--------------|--------------|---------------|----------------|
| Sikkim | Sikkim East | Copper Ore | 2 | 78.00 |
| | | Total | 2 | 78.00 |
| Tamil Nadu | Ariyalur | Limestone | 73 | 2658.74 |
| | | Total | 73 | 2658.74 |
| | CoimbatOre | Limestone | 4 | 217.96 |
| | | Total | 4 | 217.96 |
| | CuddalOre | Limeshell | 1 | 4.61 |
| | | Total | 1 | 4.61 |
| | Dindigul | Limestone | 38 | 590.98 |
| | | Total | 38 | 590.98 |
| | Karur | Limestone | 40 | 284.60 |
| | | Magnesite | 2 | 4.41 |
| | | Total | 42 | 289.01 |
| | Krishnagiri | Limestone | 2 | 2.46 |
| | | Total | 2 | 2.46 |
| | Madurai | Graphite | 2 | 5.69 |
| Limestone | | 15 | 58.05 | |
| Total | | 17 | 63.74 | |
| Namakkal | Bauxite | 3 | 226.15 | |
| | Limestone | 36 | 111.22 | |
| | Magnesite | 3 | 4.89 | |
| | Total | 42 | 342.26 | |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|------------|-------------------------|--------------|---------------|----------------|
| Tamil Nadu | Perambalur | Limestone | 32 | 136.09 |
| | | Total | 32 | 136.09 |
| | Salem | Bauxite | 1 | 190.53 |
| | | Limestone | 52 | 432.64 |
| | | Magnesite | 14 | 1461.78 |
| | | Total | 67 | 2084.95 |
| | | | | |
| | Sivagangai | Graphite | 4 | 270.06 |
| | | Total | 4 | 270.06 |
| | Theni (Madurai) | Limestone | 3 | 6.77 |
| | | Total | 3 | 6.77 |
| | Thoothukudi (Tuticorin) | Limestone | 15 | 330.70 |
| | | Total | 15 | 330.70 |
| | Tiruchirappalli | Limestone | 23 | 228.60 |
| | | Total | 23 | 228.60 |
| | Tirunelveli | Limestone | 69 | 657.82 |
| | | Total | 69 | 657.82 |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|-------------|--------------|---------------|----------------|----------------|
| Tamil Nadu | Tiruppur | Magnesite | 2 | 7.26 |
| | | Total | 2 | 7.26 |
| | Vellore | Vermiculite | 1 | 23.71 |
| | | Total | 1 | 23.71 |
| | Virudhunagar | Limestone | 29 | 1146.52 |
| | | Total | 29 | 1146.52 |
| Telangana | Adilabad | Limestone | 10 | 2678.59 |
| | | Manganese Ore | 15 | 705.33 |
| | | Total | 25 | 3383.92 |
| | Hyderabad | Amethyst | 2 | 1.69 |
| | | Total | 2 | 1.69 |
| | Karimnagar | Limestone | 2 | 482.53 |
| | | Total | 2 | 482.53 |
| | Khammam | Garnet | 5 | 21.84 |
| | | Iron Ore | 4 | 29.38 |
| | | Total | 9 | 51.22 |
| Mahbubnagar | Limestone | 1 | 173.60 | |
| | Total | 1 | 173.60 | |
| Nalgonda | Amethyst | 1 | 4.94 | |
| | Limestone | 38 | 5549.65 | |
| | Total | 39 | 5554.59 | |

Table-4 (contd)

| State | District | Mineral | No. of Leases | Area (In ha) |
|---------------|---------------|--------------|---------------|----------------|
| Telangana | Rangareddi | Limestone | 5 | 1217.85 |
| | | Total | 5 | 1217.85 |
| | Warangal | Iron Ore | 1 | 17.05 |
| | | Total | 1 | 17.05 |
| Uttar Pradesh | Sonbhadra | Limestone | 4 | 2960.19 |
| | | Total | 4 | 2960.19 |
| Uttarakhand | Bageshwar | Magnesite | 1 | 165.08 |
| | | Total | 1 | 165.08 |
| | Chamoli | Magnesite | 1 | 4.13 |
| | | Total | 1 | 4.13 |
| | Pithoragarh | Magnesite | 2 | 8.42 |
| | | Total | 2 | 8.42 |
| | Tehri Garhwal | Limestone | 3 | 14.16 |
| | | Total | 3 | 14.16 |
| West Bengal | Purulia | Apatite | 1 | 13.47 |
| | | Total | 1 | 13.47 |

Source: Information received from respective State Government Departments and Regional Offices of IBM
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)
P: - Provisional

3.2 DISTRICT WISE ANALYSIS

(i) High Mineral Potential Districts

Districtwise analysis indicates that the total number of mineral-bearing districts is around 197 and that they are spread across 23 States in the country. Out of these, 5 districts in 3 States are considered as high mineral potential districts wherein more than 100 mining leases each have been granted. A total of 831 mining leases have been granted in these districts covering an area of about 38,296.90 hectares. These constitute about 24% of the total number of mining leases in the country and cover around 12% of the total area.

(ii) Medium Mineral Potential Districts

Districts wherein mining leases between 51 and 100 are granted are considered as Medium Potential districts. There are 759 such mining leases granted in 11 districts in 7 States covering an area of about 73,978.00 hectares. These constitute 22% of the total number of mining leases in the country and cover over 24% of the total area.

(iii) Low Mineral Potential Districts

Districts wherein mining leases granted are between 1 and 50 are considered as Low Mineral Potential districts. There are 1,847 mining leases granted in 181 such districts in 23 States covering an area of about 2,00,370.82 hectares in the country. These account for 54% of the total number of mining leases in the country covering 64% of the total area.

Information on the number of mining leases granted in high mineral potential, medium potential, low potential states and districts is furnished in Tables-5 to 7.

Table - 5 : High Mineral Potential Districts (P)

| S. No. | State | District | No. of Leases | No. of Minerals | Area (In ha) |
|--------|----------------|------------------|---------------|-----------------|-----------------|
| 1 | Andhra Pradesh | Kurnool | 155 | 3 | 9637.04 |
| 2 | Gujarat | Devbhoomi Dwarka | 141 | 3 | 3983.99 |
| 3 | Gujarat | Porbandar | 104 | 3 | 2827.46 |
| 4 | Madhya Pradesh | Katni | 189 | 4 | 5617.21 |
| 5 | Madhya Pradesh | Satna | 242 | 3 | 16231.20 |
| | | Total | 831 | | 38296.90 |

Source: Information received from respective State Government Departments and Regional Offices of IBM
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)
P: - Provisional

Table – 6: Medium Mineral Potential Districts (P)

| S. No. | State | District | No. of Leases | No. of Minerals | Area (In ha) |
|--------|----------------|------------------|---------------|-----------------|-----------------|
| 1 | Andhra Pradesh | Nellore | 53 | 3 | 1118.91 |
| 2 | Gujarat | Gir Somnath | 70 | 2 | 4097.36 |
| 3 | Jharkhand | Singhbhum (West) | 53 | 3 | 10764.04 |
| 4 | Karnataka | Bagalkot | 91 | 2 | 5533.44 |
| 5 | Karnataka | Ballari | 96 | 2 | 8572.57 |
| 6 | Madhya Pradesh | Balaghat | 76 | 5 | 2025.79 |
| 7 | Odisha | Keonjhar | 53 | 3 | 22786.59 |
| 8 | Odisha | Sundargarh | 58 | 4 | 13677.79 |
| 9 | Tamil Nadu | Ariyalur | 73 | 1 | 2658.74 |
| 10 | Tamil Nadu | Salem | 67 | 3 | 2084.95 |
| 11 | Tamil Nadu | Tirunelveli | 69 | 1 | 657.82 |
| | | Total | 759 | | 73978.00 |

Source: Information received from respective State Government Departments and Regional Offices of IBM
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)
P: - Provisional

Table – 7 : Low Mineral Potential District(P)

| S. No. | State | No. of Districts | No. of Leases | Area (In ha) |
|---------------|------------------|-------------------------|----------------------|---------------------|
| 1 | Andhra Pradesh | 8 | 195 | 17163.03 |
| 2 | Assam | 2 | 7 | 889.50 |
| 3 | Bihar | 1 | 1 | 53.38 |
| 4 | Chhattisgarh | 19 | 185 | 24593.89 |
| 5 | Goa | 2 | 15 | 2378.65 |
| 6 | Gujarat | 13 | 101 | 15912.29 |
| 7 | Haryana | 1 | 4 | 46.85 |
| 8 | Himachal Pradesh | 4 | 42 | 2459.78 |
| 9 | Jammu & Kashmir* | 6 | 37 | 1984.12 |
| 10 | Jharkhand | 12 | 93 | 11216.57 |
| 11 | Karnataka | 15 | 192 | 25010.00 |
| 12 | Kerala | 5 | 5 | 421.65 |
| 13 | Madhya Pradesh | 17 | 194 | 13333.11 |
| 14 | Maharashtra | 10 | 168 | 13935.08 |
| 15 | Meghalaya | 3 | 22 | 1019.34 |
| 16 | Odisha | 12 | 62 | 18674.14 |
| 17 | Rajasthan | 21 | 171 | 33492.81 |
| 18 | Sikkim | 1 | 2 | 78.00 |
| 19 | Tamil Nadu | 15 | 255 | 3660.73 |
| 20 | Telangana | 8 | 84 | 10882.45 |
| 21 | Uttar Pradesh | 1 | 4 | 2960.19 |
| 22 | Uttarakhand | 4 | 7 | 191.79 |
| 23 | West Bengal | 1 | 1 | 13.47 |
| Total | | 181 | 1847 | 200370.82 |

Source: Information received from respective State Government Departments and Regional Offices of IBM

(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)

P: - Provisional

*: - Jammu & Kashmir has been declared as on Union Territory consequent upon Jammu and Kashmir Reorganisation Act, 2019

3.3 MINERALWISE ANALYSIS

There are 40 naturally occurring minerals (excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals) for which mining leases are granted in the country. These minerals are broadly classified into Scheduled and Non-Scheduled minerals.

(i) Scheduled Minerals

The Scheduled Minerals (Minerals mentioned under Part-C of the First Schedule of MMDR Act, 1957) include ferrous, non-ferrous & noble metals, industrial mineral and precious mineral.

The ferrous group includes chromite, iron Ore and manganese Ore; non-ferrous group consists of bauxite, copper Ore and lead & zinc Ores; noble metal group includes gold; and precious stone includes diamond, ruby & sapphire. At present, there are no commercial mining leases granted for silver and platinum group of metals in the country.

There are 10 minerals under Scheduled Minerals for which mining leases have been granted as on 31.3.2020 (P). The number of mining leases granted are 1,126, i.e. 33% of the total mining leases accounting for an area of about 1,35,362.64 hectares which is 43% of the total mining area (Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals) in the country. Out of the ten scheduled minerals, the total number of mining leases granted for iron Ore is placed at 431 followed by bauxite (363), manganese Ore (270), chromite (27), copper Ore (12), gold (11) and lead & zinc Ore (8). These seven minerals account for 1,122 mining leases, i.e., 99.64% of the mining leases under this category accounting for an area of about 1,34,385.62 hectares which is 99.28% of the lease area accounted under Scheduled Minerals. The distribution of mining leases for Scheduled minerals is furnished in Table-8.

(ii) Non-Scheduled Minerals

There are 30 Non-Scheduled or Industrial minerals, for which leases are granted in the country. In all, there are 2,311 (67% of the total mining leases) mining leases granted for these minerals that account for an area of about 1,77, 283.08 hectares which is 57% of the total lease area. Distribution of mining leases for Non-Scheduled minerals is furnished given in Table-9.

**Table – 8 : Distribution of Mining Leases for Scheduled Minerals
As on 31.03.2020 (P)**

| S. No. | Mineral | No. of Leases | Area (In ha) |
|---------------|-----------------|----------------------|---------------------|
| 1 | Bauxite | 363 | 30083.94 |
| 2 | Chromite | 27 | 7687.85 |
| 3 | Copper Ore | 12 | 4179.73 |
| 4 | Diamond * | 2 | 275.96 |
| 5 | Gold | 11 | 6972.29 |
| 6 | Iron Ore | 431 | 66061.08 |
| 7 | Lead & Zinc Ore | 8 | 7098.20 |
| 8 | Manganese Ore | 270 | 12302.53 |
| 9 | Ruby * | 1 | 27.66 |
| 10 | Sapphire * | 1 | 673.40 |
| | Total | 1126 | 135362.64 |

* Precious stone

Source: Information received from respective State Government Departments and Regional Offices of IBM
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)
P: - Provisional

**Table – 9 : Distribution of Mining Leases for Non-Scheduled Minerals
As on 31.03.2020 (P)**

| S. No. | Mineral | No. of Leases | Area (In ha) |
|---------------|----------------------|----------------------|---------------------|
| 1 | Amethyst | 3 | 6.63 |
| 2 | Apatite | 1 | 13.47 |
| 3 | Aquamarine | 1 | 24.29 |
| 4 | Borax | 1 | 159.00 |
| 5 | Emerald | 1 | 46.32 |
| 6 | Epidote | 1 | 4.05 |
| 7 | Flint Stone | 2 | 11.78 |
| 8 | Fluorite | 10 | 326.24 |
| 9 | Garnet | 28 | 175.35 |
| 10 | Garnet (Gem) | 1 | 4.27 |
| 11 | Graphite | 38 | 1627.36 |
| 12 | Iolite | 5 | 61.79 |
| 13 | Kyanite | 24 | 1394.03 |
| 14 | Limeshell | 21 | 1557.82 |
| 15 | Limestone | 1959 | 163932.88 |
| 16 | Magnesite | 39 | 2289.85 |
| 17 | Marl | 6 | 1111.14 |
| 18 | Moulding Sand | 4 | 24.75 |
| 19 | Perlite | 1 | 144.88 |
| 20 | Phosphorite | 4 | 1893.38 |
| 21 | Rock Phosphate | 6 | 163.87 |
| 22 | Rock Salt | 1 | 8.12 |
| 23 | Semi-precious Stones | 17 | 276.85 |
| 24 | Siliceous Earth | 45 | 319.03 |
| 25 | Sillimanite | 1 | 4.64 |
| 26 | Stibnite | 1 | 40.47 |
| 27 | Tin | 15 | 319.17 |
| 28 | Vermiculite | 56 | 892.75 |

Contd....

Table-9 (concl.)

| | | | |
|----|--------------|-------------|------------------|
| 29 | White Shale | 4 | 146.18 |
| 30 | Wollastonite | 15 | 302.72 |
| | Total | 2311 | 177283.08 |

Source: Information received from respective State Government Departments and Regional Offices of IBM
 (Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)
 P: - Provisional

3.4 FREQUENCY DISTRIBUTION OF MINING LEASES (P)

The number of mining leases so far executed for various minerals are classified into seven categories:

| | |
|-------------------------|---|
| Category – I : | Includes minerals for which number of mining leases executed are more than 1000; |
| Category – II : | Includes minerals for which number of mining leases executed are between 501 and 1,000; |
| Category – III : | Includes minerals for which number of mining leases executed are between 301 and 500; |
| Category – IV : | Includes minerals for which number of mining leases executed are between 201 and 300; |
| Category – V : | Includes minerals for which number of mining leases executed are between 101 and 200; |
| Category – VI : | Includes minerals for which number of mining leases executed are between 51 and 100; |
| Category – VII : | Includes minerals for which number of mining leases executed are between 1 and 50. |

Number of minerals, their mining leases and area of leases covered categorywise are summarised in Table – 10. The frequency distribution of mining leases is given in Table – 11.

**Table – 10 : Categorywise Number of Minerals, their Mining Leases and
Area of Leases (P)**

| Category | No. of Minerals | No. of Mining Leases | | Lease Area | |
|--------------|-----------------|----------------------|---------------|------------------|---------------|
| | | No. of Leases | Percentage | Area (In ha) | Percentage |
| I | 1 | 1959 | 57.00 | 163932.88 | 52.43 |
| II | - | - | - | - | - |
| III | 2 | 794 | 23.10 | 96145.02 | 30.75 |
| IV | 1 | 270 | 7.85 | 12302.53 | 3.94 |
| V | - | - | - | - | - |
| VI | 1 | 56 | 1.63 | 892.75 | 0.29 |
| VII | 35 | 358 | 10.42 | 39372.54 | 12.59 |
| Total | 40 | 3437 | 100.00 | 312645.72 | 100.00 |

Source: Information received from respective State Government Departments and Regional Offices of IBM
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)

P: - Provisional

Table- 11 : Frequency Distribution of Mining Leases (P)

| Category | Frequency of Leases | Mineral | No. of Leases | Area (In ha) |
|-----------------|-----------------------------|--|---|---|
| I | >1000 | Limestone Total | 1959 1959 | 163932.88 163932.88 |
| II | Between 501 and 1000 | Nil | - | - |
| III | Between 301 and 500 | Iron Ore Bauxite Total | 431 363 794 | 66061.08 30083.94 96145.02 |
| IV | Between 201 and 300 | Manganese Ore Total | 270 270 | 12302.53 12302.53 |
| V | Between 101 and 200 | | - | - |
| VI | Between 51 and 100 | Vermiculite Total | 56 56 | 892.75 892.75 |
| VII | Between 1 and 50 | Amethyst Apatite Aquamarine Borax Chromite Copper Ore Diamond Emerald Epidote Flint Stone Fluorite Garnet Garnet (Gem) Gold Graphite Iolite Kyanite Lead & Zinc Ore | 3 1 1 1 27 12 2 1 1 2 10 28 1 11 38 5 24 8 | 6.63 13.47 24.29 159.00 7687.85 4179.73 275.96 46.32 4.05 11.78 326.24 175.35 4.27 6972.29 1627.36 61.79 1394.03 7098.20 |

(contd)

Table-11 (Concl'd)

| Category | Frequency of Leases | Mineral | No. of Leases | Area (In ha) |
|--------------|---------------------|----------------------|---------------|-----------------|
| VII | Between 1 and 50 | Limeshell | 21 | 1557.82 |
| | | Magnesite | 39 | 2289.85 |
| | | Marl | 6 | 1111.14 |
| | | Moulding Sand | 4 | 24.75 |
| | | Perlite | 1 | 144.88 |
| | | Phosphorite | 4 | 1893.38 |
| | | Rock Phosphate | 6 | 163.87 |
| | | Rock Salt | 1 | 8.12 |
| | | Ruby | 1 | 27.66 |
| | | Sapphire | 1 | 673.40 |
| | | Semi-precious Stones | 17 | 276.85 |
| | | Siliceous Earth | 45 | 319.03 |
| | | Sillimanite | 1 | 4.64 |
| | | Stibnite | 1 | 40.47 |
| | | Tin | 15 | 319.17 |
| | | White Shale | 4 | 146.18 |
| Wollastonite | 15 | 302.72 | | |
| | | Total | 358 | 39372.54 |

Source: Information received from respective State Government Departments and Regional Offices of IBM.
 (Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)
 P: - Provisional

3.5 SECTORWISE DISTRIBUTION OF MINING LEASES

Out of the total 3,437 mining leases in the country, 273 (7.94%) leases have been executed in the Public Sector, extending over an area of about 90,129.14 hectares (28.83%). The remaining 3,164 (92.06%) mining leases with an area of about 2,22,516.58 hectares (71.17%) have been executed in the Private Sector. Most of the Scheduled Minerals, namely, copper Ore, lead & zinc Ores, gold, iron Ore, manganese Ore and chromite and Non-Scheduled Minerals are being exploited by both Public and Private Sectors.

(a) Central Government Public Sector Undertakings

There are 101 mining leases under Central Government Public Sector Undertakings executed in 13 States for different minerals, covering an area of about 47,341.88 hectares. The States rich in minerals where maximum number of mining leases executed for Central Govt. Public Sector Undertakings are Madhya Pradesh (19%), Jharkhand & Maharashtra (18% each), Chhattisgarh (14%) and Odisha (11%), These five States together account for about 80% of total leases executed under this category and the remaining 8 States account for the rest of the 20%.

The prominent States where maximum mining lease areas are located are Odisha (24%), Jharkhand (22%), Chhattisgarh (17%), Karnataka (14%), Madhya Pradesh (10%) and Andhra Pradesh & Telangana (3% each). These seven States account for 93% of the total lease area executed and the remaining 6 States account for the rest of the 7 percent.

(b) State Government Public Sector Undertakings

There are 172 number of mining leases executed in 17 States for different minerals, covering an area of 42,787.26 hectares. The States rich in minerals where there are maximum number of mining leases executed are Odisha 38 (22%), Karnataka 34 (20%), Chhattisgarh 22 (13%), Gujarat 16 (9%), Tamil Nadu 15 (9%), Madhya Pradesh & Rajasthan 10 (6% each), Maharashtra 8 (5%) and Jharkhand 6 (3%). These nine States together account for about 93% of the total leases executed and the remaining eight States account for the rest of the 7 percent.

The prominent States where maximum mining lease areas located are Odisha (48%), Karnataka (16%), Rajasthan (9%), Gujarat (8%), Jharkhand & Tamil Nadu (4% each) and Jammu & Kashmir (3%). These 7 States together account for around 92% of the total lease area executed while the remaining 10 States account for the rest of the 8 percent.

Sectorwise distribution of mining leases in Public/Private Sector and Mineralwise distribution of Mining Leases are given in Tables-12 to 14, respectively.

**Table – 12 : Sectorwise Distribution of Mining Leases (As on 31.03.2020) (Provisional)
(Public Sector and Private Sector)**

| S. No. | State | Total | | Public Sector | | Private Sector | |
|--------|------------------|---------------|------------------|---------------|-----------------|----------------|------------------|
| | | No. of Leases | Area (In ha) | No. of Leases | Area (In ha) | No. of Leases | Area (In ha) |
| 1 | Andhra Pradesh | 403 | 27918.98 | 4 | 2073.43 | 399 | 25845.55 |
| 2 | Assam | 7 | 889.50 | 3 | 371.00 | 4 | 518.50 |
| 3 | Bihar | 1 | 53.38 | 0 | 0 | 1 | 53.38 |
| 4 | Chhattisgarh | 185 | 24593.89 | 36 | 8887.23 | 149 | 15706.66 |
| 5 | Goa | 15 | 2378.65 | 0 | 0 | 15 | 2378.65 |
| 6 | Gujarat | 416 | 26821.10 | 16 | 3341.80 | 400 | 23479.3 |
| 7 | Haryana | 4 | 46.85 | 0 | 0 | 4 | 46.85 |
| 8 | Himachal Pradesh | 42 | 2459.78 | 3 | 412.75 | 39 | 2047.03 |
| 9 | Jammu & Kashmir | 37 | 1984.12 | 3 | 1211.80 | 34 | 772.32 |
| 10 | Jharkhand | 146 | 21980.61 | 24 | 12021.22 | 122 | 9959.39 |
| 11 | Karnataka | 379 | 39116.01 | 40 | 13733.52 | 339 | 25382.49 |
| 12 | Kerala | 5 | 421.65 | 1 | 234.94 | 4 | 186.71 |
| 13 | Madhya Pradesh | 701 | 37207.31 | 29 | 5466.11 | 672 | 31741.2 |
| 14 | Maharashtra | 168 | 13935.08 | 26 | 1039.36 | 142 | 12895.72 |
| 15 | Meghalaya | 22 | 1019.34 | 1 | 139.67 | 21 | 879.67 |
| 16 | Odisha | 173 | 55138.52 | 49 | 31890.22 | 124 | 23248.30 |
| 17 | Rajasthan | 171 | 33492.81 | 13 | 4736.47 | 158 | 28756.34 |
| 18 | Sikkim | 2 | 78.00 | 2 | 78.00 | 0 | 0 |
| 19 | Tamil Nadu | 464 | 9062.24 | 18 | 2649.90 | 446 | 6412.34 |
| 20 | Telangana | 84 | 10882.45 | 3 | 1663.17 | 81 | 9219.28 |
| 21 | Uttar Pradesh | 4 | 2960.19 | 0 | 0 | 4 | 2960.19 |
| 22 | Uttarakhand | 7 | 191.79 | 1 | 165.08 | 6 | 26.71 |
| 23 | West Bengal | 1 | 13.47 | 1 | 13.47 | 0 | 0 |
| | Total | 3437 | 312645.72 | 273 | 90129.14 | 3164 | 222516.58 |

Source: Information received from respective State Government Departments and Regional Offices of IBM
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals) P: Provisional

Table – 13 : Sectorwise Distribution of Mining Leases (As on 31.03.2020) (P)
(Under Central Government and State Governments)

| S. No. | State | Central Government | | State Government | | Total | |
|--------|------------------|--------------------|-----------------|------------------|-----------------|---------------|-----------------|
| | | No. of Leases | Area (In ha) | No. of Leases | Area (In ha) | No. of Leases | Area (In ha) |
| 1 | Andhra Pradesh | 2 | 1559.54 | 2 | 513.89 | 4 | 2073.43 |
| 2 | Assam | 1 | 171.00 | 2 | 200.00 | 3 | 371.00 |
| 3 | Chhattisgarh | 14 | 8135.39 | 22 | 751.84 | 36 | 8887.23 |
| 4 | Gujarat | 0 | 0 | 16 | 3341.80 | 16 | 3341.80 |
| 5 | Himachal Pradesh | 3 | 412.75 | 0 | 0 | 3 | 412.75 |
| 6 | Jammu & Kashmir | 0 | 0 | 3 | 1211.80 | 3 | 1211.80 |
| 7 | Jharkhand | 18 | 10426.36 | 6 | 1594.86 | 24 | 12021.22 |
| 8 | Karnataka | 6 | 6710.07 | 34 | 7023.45 | 40 | 13733.52 |
| 9 | Kerala | 0 | 0 | 1 | 234.94 | 1 | 234.94 |
| 10 | Madhya Pradesh | 19 | 4796.46 | 10 | 669.65 | 29 | 5466.11 |
| 11 | Maharashtra | 18 | 752.80 | 8 | 286.56 | 26 | 1039.36 |
| 12 | Meghalaya | 0 | 0 | 1 | 139.67 | 1 | 139.67 |
| 13 | Odisha | 11 | 11290.65 | 38 | 20599.57 | 49 | 31890.22 |
| 14 | Rajasthan | 3 | 706.75 | 10 | 4029.72 | 13 | 4736.47 |
| 15 | Sikkim | 0 | 0 | 2 | 78.00 | 2 | 78.00 |
| 16 | Tamil Nadu | 3 | 761.86 | 15 | 1888.04 | 18 | 2649.9 |
| 17 | Telangana | 2 | 1453.17 | 1 | 210.00 | 3 | 1663.17 |
| 18 | Uttarakhand | 1 | 165.08 | 0 | 0 | 1 | 165.08 |
| 19 | West Bengal | 0 | 0 | 1 | 13.47 | 1 | 13.47 |
| | Total | 101 | 47341.88 | 172 | 42787.26 | 273 | 90129.14 |

Source: Information received from respective State Government Departments and Regional Offices of IBM.
(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)
P: - Provisional

**Table-14: Summary of Lease Distribution in Public Sector
(As on 31.3.2020) (P)
(By States/Districts/Minerals)**

(Area in ha)

| State | District | Mineral | Central Government | | State Government | | Total | |
|-----------------------|--------------------|---------------|--------------------|----------------|------------------|----------------|-----------|----------------|
| | | | No. | Area | No. | Area | No. | Area |
| Andhra Pradesh | Krishna | Limestone | 1 | 1295.00 | - | - | 1 | 1295.00 |
| | Prakasam | Iron Ore | - | - | 1 | 505.17 | 1 | 505.17 |
| | Visakhapatnam | Limestone | - | - | 1 | 8.72 | 1 | 8.72 |
| | Vizianagaram | Manganese Ore | 1 | 264.54 | - | - | 1 | 264.54 |
| | Total | | 2 | 1559.54 | 2 | 513.89 | 4 | 2073.43 |
| Assam | Karbi Anglong | Limestone | 1 | 171.00 | - | - | 1 | 171.00 |
| | North Cachar Hills | Limestone | - | - | 2 | 200.00 | 2 | 200.00 |
| | Total | | 1 | 171.00 | 2 | 200.00 | 3 | 371.00 |
| Chhattisgarh | Balod | Iron Ore | 4 | 2562.69 | - | - | 4 | 2562.69 |
| | Balrampur | Bauxite | 1 | 257.92 | - | - | 1 | 257.92 |
| | Dantewada | Iron Ore | 6 | 2967.16 | - | - | 6 | 2967.16 |
| | Durg | Limestone | 1 | 526.34 | - | - | 1 | 526.34 |
| | Jashpur | Bauxite | - | - | 2 | 40.61 | 2 | 40.61 |
| | Kanker | Iron Ore | 2 | 1821.28 | 1 | 166.80 | 3 | 1988.08 |
| | Kabirdham | Bauxite | - | - | 1 | 5.31 | 1 | 5.31 |
| | Sukma | Tin | - | - | 5 | 172.42 | 5 | 172.42 |
| | Surguja | Bauxite | - | - | 13 | 366.70 | 13 | 366.70 |
| | Total | | 14 | 8135.39 | 22 | 751.84 | 36 | 8887.23 |
| Gujarat | Banaskantha | Copper Ore | - | - | 1 | 184.98 | 1 | 184.98 |
| | Chhota Udaipur | Fluorite | - | - | 2 | 63.20 | 2 | 63.20 |
| | Devbhoomo Dwarka | Bauxite | - | - | 2 | 189.79 | 2 | 189.79 |
| | Kachchh | Bauxite | - | - | 10 | 1939.39 | 10 | 1939.39 |
| | Surat | Limestone | - | - | 1 | 964.44 | 1 | 964.44 |
| | Total | | - | - | 16 | 3341.80 | 16 | 3341.80 |

(Contd)

Table-14 (contd)

| State | District | Mineral | Central Government | | State Government | | Total | |
|----------------------------|------------------|---------------|--------------------|-----------------|------------------|----------------|-----------|-----------------|
| | | | No. | Area | No. | Area | No. | Area |
| Himachal Pradesh | Mandi | Rock salt | 1 | 8.12 | - | - | 1 | 8.12 |
| | Sirmur | Limestone | 1 | 172.03 | - | - | 1 | 172.03 |
| | Solan | Limestone | 1 | 232.60 | - | - | 1 | 232.60 |
| | | Total | 3 | 412.75 | - | - | 3 | 412.75 |
| Jammu & Kashmir | Kishtwar | Sapphire | - | - | 1 | 673.40 | 1 | 673.40 |
| | Pulwama | Limestone | - | - | 1 | 88.10 | 1 | 88.10 |
| | Reasi | Magnesite | - | - | 1 | 450.30 | 1 | 450.30 |
| | | Total | - | - | 3 | 1211.80 | 3 | 1211.80 |
| Jharkhand | Garwah | Limestone | 3 | 1179.44 | - | - | 3 | 1179.44 |
| | Palamu | Graphite | - | - | 1 | 223.45 | 1 | 223.45 |
| | | Limestone | - | - | 1 | 1043.41 | 1 | 1043.41 |
| | Ranchi | Limestone | - | - | 2 | 239.53 | 2 | 239.53 |
| | Singhbhum (East) | Copper Ore | 3 | 2313.37 | - | - | 3 | 2313.37 |
| | Singhbhum (West) | Kyanite | - | - | 2 | 88.47 | 2 | 88.47 |
| | | Iron Ore | 12 | 6933.55 | - | - | 12 | 6933.55 |
| | | Total | 18 | 10426.36 | 6 | 1594.86 | 24 | 12021.22 |
| Karnataka | Bagalkot | Limestone | - | - | 8 | 2955.59 | 8 | 2955.59 |
| | Belagavi | Limestone | - | - | 2 | 755.48 | 2 | 755.48 |
| | Ballari | Iron Ore | 2 | 1255.50 | 5 | 373.93 | 7 | 1629.43 |
| | Chitradurga | Copper Ore | - | - | 2 | 416.53 | 2 | 416.53 |
| | Kalaburgi | Gold | - | - | 1 | 55.73 | 1 | 55.73 |
| | | Limestone | 3 | 241.36 | - | - | 3 | 241.36 |
| | Hassan | Chromite | - | - | 5 | 691.4 | 5 | 691.4 |
| | Kolar | Gold | 1 | 5213.21 | - | - | 1 | 5213.21 |
| | Mysuru | Magnesite | - | - | 3 | 136.27 | 3 | 136.27 |
| | | Manganese Ore | - | - | 1 | 80.94 | 1 | 80.94 |

Table-14 (contd)

| State | District | Mineral | Central Government | | State Government | | Total | |
|----------------|------------|----------------|--------------------|----------------|------------------|----------------|-----------|-----------------|
| | | | No. | Area | No. | Area | No. | Area |
| Karnataka | Raichur | Gold | - | - | 5 | 993.44 | 5 | 993.44 |
| | Shivamogga | Manganese Ore | - | - | 1 | 526.10 | 1 | 526.10 |
| | Tumakuru | Gold | - | - | 1 | 38.04 | 1 | 38.04 |
| | | Total | 6 | 6710.07 | 34 | 7023.45 | 40 | 13733.52 |
| Kerala | Palakkad | Limestone | - | - | 1 | 234.94 | 1 | 234.94 |
| | | Total | - | - | 1 | 234.94 | 1 | 234.94 |
| Madhya Pradesh | Anuppur | Bauxite | - | - | 1 | 148.18 | 1 | 148.18 |
| | Balaghat | Copper Ore | 1 | 480.10 | - | - | 1 | 480.10 |
| | | Manganese Ore | 10 | 879.46 | - | - | 10 | 879.46 |
| | Chhatarpur | Rock Phosphate | - | - | 1 | 48.76 | 1 | 48.76 |
| | Jhabua | Rock Phosphate | - | - | 3 | 49.11 | 3 | 49.11 |
| | Katni | Limestone | 2 | 1036.03 | - | - | 2 | 1036.03 |
| | Neemuch | Limestone | 2 | 500.45 | - | - | 2 | 500.45 |
| | Panna | Diamond | 2 | 275.96 | - | - | 2 | 275.96 |
| | Rewa | Bauxite | - | - | 2 | 9.80 | 2 | 9.80 |
| | Sagar | Rock Phosphate | - | - | 1 | 52.80 | 1 | 52.80 |
| | Satna | Bauxite | - | - | 2 | 361.00 | 2 | 361.00 |
| | | Limestone | 2 | 1624.46 | - | - | 2 | 1624.46 |
| | | Total | 19 | 4796.46 | 10 | 669.65 | 29 | 5466.11 |
| Maharashtra | Bhandara | Kyanite | - | - | 4 | 126.27 | 4 | 126.27 |
| | | Manganese Ore | 5 | 324.44 | - | - | 5 | 324.44 |
| | Chandrapur | Fluorite | - | - | 1 | 31.22 | 1 | 31.22 |
| | Gondia | Iron Ore | - | - | 1 | 9.32 | 1 | 9.32 |
| | Nagpur | Manganese Ore | 13 | 428.36 | - | - | 13 | 428.36 |
| | Yavatmal | Limestone | - | - | 2 | 119.75 | 2 | 119.75 |
| | | Total | 18 | 752.8 | 8 | 286.56 | 26 | 1039.36 |

Table-14 (contd)

| State | District | Mineral | Central Government | | State Government | | Total | |
|-----------|------------------|-----------------|--------------------|-----------------|------------------|-----------------|-----------|-----------------|
| | | | No. | Area | No. | Area | No. | Area |
| Meghalaya | Khasi Hills East | Limestone | - | - | 1 | 139.67 | 1 | 139.67 |
| | | Total | - | - | 1 | 139.67 | 1 | 139.67 |
| Odisha | Dhenkanal | Chromite | - | - | 2 | 847.49 | 2 | 847.49 |
| | Jajpur | Chromite | - | - | 7 | 3117.36 | 7 | 3117.36 |
| | | Iron Ore | - | - | 1 | 1812.99 | 1 | 1812.99 |
| | | Ruby | - | - | 1 | 27.66 | 1 | 27.66 |
| | Kalahandi | Chromite | - | - | 2 | 1722.81 | 2 | 1722.81 |
| | | Iron Ore | 2 | 2907.81 | 11 | 6722.19 | 13 | 9630.00 |
| | Keonjhar | Manganese Ore | - | - | 3 | 1318.99 | 3 | 1318.99 |
| | | Bauxite | 2 | 4647.27 | 1 | 428.31 | 5 | 5075.58 |
| | | Limestone | - | - | 2 | 1586.22 | 2 | 1586.22 |
| | Nawapara | Limestone | - | - | 3 | 332.96 | 3 | 332.96 |
| | Raygada | Manganese Ore | - | - | 1 | 501.67 | 1 | 501.67 |
| | Sundargarh | Bauxite | 1 | 117.44 | - | - | 1 | 117.44 |
| | | Iron Ore | 4 | 2593.64 | 4 | 2180.92 | 6 | 4774.56 |
| | | Limestone | 2 | 1024.49 | - | - | 2 | 1024.49 |
| | | Total | 11 | 11290.65 | 38 | 20599.57 | 49 | 31890.22 |
| Rajasthan | Jaisalmer | Limestone | - | - | 2 | 1998.40 | 2 | 1998.40 |
| | JalOre | Fluorite | - | - | 4 | 218.07 | 4 | 218.07 |
| | Jhunjhunu | Copper Ore | 3 | 706.75 | - | - | 3 | 706.75 |
| | Sirohi | Lead & Zinc Ore | - | - | 1 | 63.00 | 1 | 63.00 |

Table-14 (concl'd)

| State | District | Mineral | Central Government | | State Government | | Total | |
|-------------|--------------|--------------|--------------------|---------------|------------------|----------------|----------------|----------------|
| | | | No. | Area | No. | Area | No. | Area |
| Rajasthan | Udaipur | Phosphorite | - | - | 3 | 1750.25 | 3 | 1750.25 |
| | | Total | 3 | 706.75 | 10 | 4029.72 | 13 | 4736.47 |
| Sikkim | Sikkim East | Copper Ore | - | - | 2 | 78.00 | 2 | 78.00 |
| | | Total | - | - | 2 | 78.00 | 2 | 78.00 |
| Tamil Nadu | Ariyalur | Limestone | - | - | 6 | 624.31 | 6 | 624.31 |
| | Salem | Magnesite | 3 | 761.86 | 1 | 96.34 | 4 | 858.20 |
| | Sivagangai | Graphite | - | - | 2 | 241.92 | 2 | 241.92 |
| | Tirunelveli | Limestone | - | - | 2 | 31.88 | 2 | 31.88 |
| | Vellore | Vermiculite | - | - | 1 | 23.71 | 1 | 23.71 |
| | Virudhunagar | Limestone | - | - | 3 | 869.88 | 3 | 869.88 |
| | Total | 3 | 761.86 | 15 | 1888.04 | 18 | 2649.9 | |
| Telangana | Adilabad | Limestone | 1 | 839.38 | 1 | 210.00 | 2 | 1049.38 |
| | Rangareddy | Limestone | 1 | 613.79 | - | - | 1 | 613.79 |
| | Total | 2 | 1453.17 | 1 | 210.00 | 3 | 1663.17 | |
| Uttarakhand | Bageshwar | Magnesite | 1 | 165.08 | - | - | 1 | 165.08 |
| | | Total | 1 | 165.08 | - | - | 1 | 165.08 |
| West Bengal | Purulia | Phosphorite | - | - | 1 | 13.47 | 1 | 13.47 |
| | | Total | - | - | 1 | 13.47 | 1 | 13.47 |

Source: Information received from respective State Government Departments and Regional Offices of IBM.

(Excluding coal, lignite, petroleum, natural gas, atomic minerals and minor minerals)

P: - Provisional

Prospecting Licences

Under the Mines & Minerals (Development & Regulation) Act, 1957, “Prospecting Licence” (PL) means a licence granted for the purpose of undertaking “prospecting operations”. Prospecting operations mean any operation undertaken for the purpose of exploring, locating or proving mineral deposits. The State Governments and Union Territories are empowered to grant/execute/renew/revoke prospecting licences (PL) and composite licence (A prospecting licence-cum-mining lease as defined in the Act, i.e., having two stage concession granted for purpose of undertaking prospecting operations followed by mining operations) under provisions of Minerals (other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016. As per Section 6(1)(a) of Mines and Minerals (Development and Regulation) Amendment Act, 2015, no person shall acquire in respect of any mineral or prescribed group of associated minerals [in a State] – one or more prospecting licences covering a total area of more than twenty-five square kilometers.

4.1 STATEWISE DISTRIBUTION OF PROSPECTING LICENCE

As per information received from the State Governments/Union Territories, during 2019-20, no information regarding “Prospecting licence-cum-mining lease” or composite licence” having been approved/granted was received.

4.2 MINERALWISE DISTRIBUTION OF PROSPECTING LICENCES

During 2019-20, no information regarding “Prospecting licence-cum-mining lease” or composite licence” having been approved/granted was received.

4.3 COMPOSITE LICENCES (PROSPECTING LICENCE-CUM-MINING LEASE)

“Composite Licences or prospecting licence-cum-mining lease” means a two stage concession granted for the purpose of undertaking prospecting operations followed by mining operation.

During 2019-20, no information regarding “Prospecting licence-cum-mining lease” or composite licence” having been approved/granted was received.

Reconnaissance Permits

The provision of Reconnaissance Permit (RP) was introduced with effect from 20.12.1999 under the Mines & Minerals (Development & Regulation) Act, 1957 and from 18.1.2000 under the Mineral Concession Rules, 1960 & Mineral Conservation and Development Rules, 1988 made under the Act. Reconnaissance Permit is a permit granted for the purpose of undertaking “reconnaissance operations” which means any operation undertaken for preliminary prospecting of a mineral through regional, aerial, geophysical or geochemical surveys and geological mapping, but does not include pitting, trenching, drilling (except drilling of boreholes on a grid specified from time to time by the Central Government) or sub-surface excavation.

As per Section 6 (1) one or more Reconnaissance Permits covering a total area of 10,000 sq.km may be granted provided that the area granted under a single Reconnaissance Permit shall not exceed 5,000 sq. km in a State. As per Section 7 (1), the period for which a Reconnaissance Permit may be granted shall not exceed 3 years.

As per Section 10C of Mines and Minerals (Development and Regulation) Amendment Act, 2015, the provision regarding grant of Non-exclusive Reconnaissance Permits is as under:

10C(1) : Non-exclusive Reconnaissance Permits may be granted in respect of any notified minerals or non-notified or a group of specified minerals, other than minerals specified in Part A or Part B of the First Schedule, subject to such terms and conditions as may be prescribed by the Central Government.

10C(2): The holder of such non-exclusive reconnaissance permit shall not be entitled to make any claim for the grant of any prospecting licence-cum-mining lease or a mining lease.

As per the Rule 3(2) of The Mineral (Non-exclusive Reconnaissance Permits) Rules, 2015, the State Government shall establish an online system for grant of non-exclusive reconnaissance permits.

During 2019-20, no information regarding Reconnaissance Permits/Non-Exclusive Reconnaissance Permits having been approved/granted was received.

