

GOVERNMENT OF INDIA
MINISTRY OF MINES
RAJYA SABHA
UNSTARRED QUESTION NO. 2841
ANSWERED ON 28.03.2022

SURVEY FOR MINERAL RESOURCES

2841. SHRI K.R.N. RAJESHKUMAR:

Will the Minister of MINES be pleased to state:

- (a) whether Government has conducted any survey to discover various mineral reserves/deposits in the country;
- (b) if so, the details thereof, State-wise and mineral-wise; and
- (c) the steps taken by Government to explore more minerals in future?

ANSWER

THE MINISTER OF MINES, COAL AND PARLIAMENTARY AFFAIRS
(SHRI PRALHAD JOSHI)

(a) to (b): Yes, Sir. Geological Survey of India (GSI) conducts regular surveys to discover mineral deposits in various States/Union Territories through its annual field season programmes. The State-wise and mineral-wise details of mineral exploration activities taken up by GSI in current field season 2021-22 is given in Annexure-I.

(c) GSI has increased focus on exploration of concealed and deep-seated minerals. The MMDR Act 1957 has been amended in 2021 to allow notification of private exploration agencies and making NMET into an autonomous body. These steps will help in exploration of more minerals in future.

The details of mineral exploration by GSI in current year 2021-22

Sl.No.	State	District	Name of Mineral Block / Area/ Belt	UNFC Stage	Mineral Commodity
1	Chhattisgarh	Balarampur	Burhabagicha	G4	basemetal
2	Chhattisgarh	Baloda Bazar	Saliha- Parsapali	G4	Gold
3	Chhattisgarh	Raigarh	Raigarh	G4	Diamond
4	Chhattisgarh	Jashpur	Pharsabahar-Tuba	G4	Gold
5	Chhattisgarh	Balarampur	Belangi	G4	Rare metal
6	Chhattisgarh	Korba	Tarma Pahar and Konkona	G4	Lithium, RM
7	Chhattisgarh	Mahasamund	Sorid-Nawagaon	G4	REE
8	Chhattisgarh	Balod	Andi-Bhedi	G3	Phosphorite
9	Chhattisgarh	Mahasamund	Bhalukona	G3	Potash
10	Madhya Pradesh	Betul	Biskhan	G2	Basemetal
11	Madhya Pradesh	Satna and Banda	Patauda	G4	molybdenum
12	Madhya Pradesh	Alirajpur	Kosduna south	G3	Copper
13	Madhya Pradesh	Dewas	Saktia, Bagda and Biloda	G3	Copper
14	Madhya Pradesh	Dewas	Tipras	G4	Basemetal
15	Madhya Pradesh	Shivpuri	Nangali	G4	PGE, Silica and Base metal
16	Gujarat, Madhya Pradesh	Jhabua and Dahod	Patra-Guvali-Satsera-Gopalpura	G4	Graphite
17	Madhya Pradesh	Hoshangabad	Ramanagar	G4	Hf, Nb, Y and REE
18	Madhya Pradesh	Betul	Sonaghati- Chiklar- Rawanpudi - Khandara	G4	Tungsten
19	Chhattisgarh, Madhya Pradesh	Balaghat and Rajnandgaon	Ramgarhi, Pathratola and Rol village	G4	Copper
20	Madhya Pradesh	Sidhi	Bahera-Goriara	G3	Graphite, basemetal, REE
21	Madhya Pradesh	Mishirgawan area Singrauli	Mishirgawan	G4	GOLD
22	Madhya Pradesh, Uttar Pradesh	Chattarpur, Sagar and Tikamgarh and Lalitpur	Barayatha	G4	DIAMOND
23	Madhya Pradesh	Chhatarpur	Chauka-Para	G4	REE
24	Madhya Pradesh	Dindori	Khapripani	G3	Bauxite
25	Madhya Pradesh	Jhabua	Balhati- Hiri Chhota- Chotyabarari-Burkui Badi	G4	Basemetal
26	Madhya Pradesh	Alirajpur & Jhabua	Badi Miriyavat-Juwari Bari-Semlaya	G4	Graphite
27	Madhya Pradesh	Shahdol and Sidhi	Parsili-Tal-Karmahi	G4	Basemetal
28	Madhya Pradesh	Barwani and Dhar	Kikarwas-Pipanpura-Ghongsi-Barkhedi	G4	REE
29	Maharashtra	Chandrapur	Tambegadi – Pathari	G3	Copper, Lead, Zinc
30	Maharashtra	Gadchiroli	Chamorshi, Kurul, Bhiwapur	G4	Copper, Lead, Zinc
31	Maharashtra	Nagpur	Ghotitola-Warghat	G4	Rare Metals, REE
32	Maharashtra	Sindhudurg	Pat-Parula	G4	REE
33	Maharashtra	Sindhudurg	Math Budruk	G4	Bauxite
34	Maharashtra	Raigad	Khopoli	G4	Platinum Group Elements, Basemetal
35	Chhattisgarh	Balrampur	Anandpur	G4	REE & RM
36	Maharashtra	Sindhudurg	Kudopi	G3	Bauxite
37	Chhattisgarh	Korea	Devra- Jatashankar	G4	MANGANESE, Barium
38	Chhattisgarh	Mahasamund	Kumharidipa-Rajpur	G3	GOLD
39	Chhattisgarh	Kanker	Daldali-Gattagurum	G4	REE
40	Chhattisgarh	Balrampur	Oranga-Revatipur	G3	Graphite
41	Bihar	Rohtas	Madhukupia Katudanr	G3	Potash
42	Bihar	Banka	Karada	G3	REE and Rare metals
43	Bihar	Bhagalpur	Batesarthan-Kasri- Jagarnathpur	G3	REE, fireclay and aluminous laterite
44	Bihar	Banka	Jogmaran	G3	REE and Rare metals
45	Bihar	Banka	Bhairoganj	G3	REE, RM and Rare metals
46	Bihar	Banka	Lattu Pahar	G3	REE, RM
47	Bihar	Jamui	Bhanta	G3	Fe (Magnetite)
48	Bihar	Banka	Arpathal	G3	REE, RM and Rare metals
49	Jharkhand	Seraikela-Kharsawan	Berasi-Hurupathardih	G4	Au
50	Jharkhand	Palamau	Sokra-Chando	G4	Cu, Zn
51	Jharkhand	Palamu	Bangasi-Chhotahasa	G4	REE, RM
52	Jharkhand	Giridih	Gawan	G4	Li, Cs, REE, RM

53	Jharkhand	Palamau	Chiyaniki-Leslieganj	G4	REE & RM
54	Jharkhand	Palamu	Karke-Banutikar	G4	REE, RM
55	Jharkhand	Deoghar	Jamua-Punsiya	G4	REE, RM
56	Jharkhand	Koderma	Pihra	G4	Li, Cs, REE & RM
57	Jharkhand	Giridih	Kakakudar-Gaganpur	G4	W, Cu, Au
58	Jharkhand	Palamu	Adhmaniya	G3	Graphite
59	Jharkhand	Palamu	Karma	G3	Graphite
60	Jharkhand	Palamu	Siuri	G3	Graphite
61	Jharkhand	Ranchi	Kutru-Kotam-Bansaruli	G3	REE, RM
62	Jharkhand	Ranchi	Tatisilwai North	G3	REE, RM
63	Jharkhand	Ranchi	Tatisilwai South	G3	REE, RM
64	Jharkhand	Ranchi	Nawadih-Hakedag-Uparbarga	G4	REE, RM
65	Jharkhand	Hazaribagh	Darudih, Jhapro and Banhe	G4	REE, RM
66	Jharkhand	Palamu	Sildag-Chhatarpur-Tenpa	G4	REE, RM
67	Jharkhand	Palamu and Latehar	Nawadih-Gurha	G4	Graphite
68	Odisha	Kendujhar	Kendudihi-Parulipada	G2	Manganese
69	Odisha	Bolangir	Uchhabapalli-Thakurpalli	G2	Managnese
70	Odisha	Bolangir	Dandapani	G2	manganese
71	Odisha	Kendujhar	Gopur	G3	Gold
72	Odisha	Nayagarh	Tumandi village, Daspalla Block	G3	Graphite
73	Odisha	Nayagarh	Khuntapada-Purushottampura	G4	REE
74	Odisha	Boudh and Subamapur	Damamunda-Bilasapur	G4	REE
75	Odisha	Koraput	Koraput	G4	REE
76	Odisha	Bolangir	Ampali-Badipura-Saintala	G4	Basemetal
77	Odisha	Mayurbhanj	Kesharpur East	G2	copper
78	Odisha	Mayurbhanj	Nimaidihi	G3	Basemetal
79	Odisha	Bargarh	Padampur - Paikamal- Jharbandh	G4	Diamond
80	West Bengal & Andaman (WBAN)	Purulia	Kuchia	G4	Cu
81	WBAN	Darjeeling	Senada, Panchang	G4	REE & RM
82	WBAN	Purulia	Biltore-Golamara-Chalania	G4	REE & RM
83	Arunachal Pradesh.	West Siang	Kaying	G4	Vanadium
84	Arunachal Pradesh.	Lower Subansiri	Radhpur	G3	Vanadium
85	Arunachal Pradesh.	Lower Subansiri	Sito-Sikhe	G3	Vanadium
86	Arunachal Pradesh.	West Kameng	Nafra	G4	Lithium
87	Arunachal Pradesh.	Kra-Daadi	Talangriang-Pakba-Jamin	G4	Vanadium
88	Arunachal Pradesh.	East Kameng	Seppa	G4	Tantalum
89	Assam	Kamrup Metropolitan	Helagog-Khaloibari	G3	Molybdenum
90	Assam	Karbi Anglong	Lakhojan	G4	REE
91	Meghalaya	East Khasi Hills	Mawlyndep-Mawmin-Nongbsap	G4	Basemetal
92	Meghalaya	East Garo Hills	Jalwagiri and Gambil	G4	Basemetal
93	Meghalaya	East Khasi Hills	Kyrdem	G4	Tungsten
94	Manipur		Champhai-Hermon	G3	Nickel
95	Manipur	Tengnoupal	Chalwa-Kwatha	G3	Nickel
96	Arunachal Pradesh.	Pakke Kessang	Pakro	G3	Vanadium
97	Meghalaya	South Garo Hills	Siju	G4	Phosphate
98	Arunachal Pradesh.	West Siang	Kalamati	G3	Graphite and Vanadium
99	Punjab, Haryana, Himachal Pradesh (PHHP)	Kinnaur, Lahaul and Spiti	Shalkhar, Giu and Hurling	G3	Gypsum
100	PHHP	Mahendragarh	Mosnuta	G4	REE & RM
101	Jammu & Kashmir (JK)	Udhampur and Kathua	Bikindra and Khabbi	G4	Tin, Tugestan, REE
102	JK	Leh	Khalsi-Dumkhar	G4	Cr-Ni-PGE
103	JK	Kupwara	Lashteal, Madmadou & Gagarnar	G4	Gold
104	JK	Reasi	Sersandu – Kherikot – Rahotkot - Darabi	G4	Base metal, bauxite & REE
105	Himachal Pradesh	Lahaul and Spiti	Bara Shigri	G4	Antimony
106	Uttarakhand (UK)	Dehradun	Tons valley	G4	Base Metal
107	UK	Uttarkashi	Gangotri Granite	G4	REE & RM
108	UK	Pauri and Chamoli	Thalisain	G4	REE & RM
109	UK	Almora Champawat and Pithoragarh	Almora- Pithoragarh	G4	Base metal
110	UK	Bageshwar and Pithoragarh	Chaukori	G4	Tin, Tungestan & REE
111	UK	Pithoragarh	Askot –Thal	G4	Basemetal, gold

112	Uttar Pradesh (UP)	Mahoba	Bilkhi and Bara	G4	Tin & Tungsten
113	UP	Sonbhadra	Khajuri-Pachpheri	G4	REE & RM
114	UP	Sonbhadra	Hasra Raigarh - Kurkuti	G4	Gold
115	UP	Sonbhadra	Gulal Jharia-Chakdumra	G4	Tungsten
116	JK	Kishtwar	west of Machail	G4	Sapphire
117	Andhra Pradesh	Srikakulam and Vizianagaram	Batuvu-Kondadadi	G4	Manganese
118	Andhra Pradesh	Anantapur	Kanaganapalle - Dharmavaram	G4	Diamond
119	Andhra Pradesh	East Godavari	Burugubanda	G2	Graphite
120	Andhra Pradesh	Anantapur	Charupalle-Kalasamudram-Batrepalle	G4	Molybdenum
121	Andhra Pradesh	Kadapa	Pullampet-Vattaluru	G4	Phosphorite
122	Andhra Pradesh	Kadapa	Bhagampalle-Kasinagaram	G4	Gold
123	Andhra Pradesh	Anantpur and Kadapa	Parnapalle-Lopatanutula	G4	Lithium
124	Andhra Pradesh	Anantapur	CR Palle-Indukurupalle	G4	Molybdenum
125	Andhra Pradesh	Anantapur	Varaddayakonda-Krisnagiri-Akkampale	G4	Gold
126	Andhra Pradesh	Nellore	Chinna Varimadugu-Kanduravaripalle	G4	Molybdenum
127	Andhra Pradesh	Srikakulam	Palavalasa and Laxmipuram	G3	Manganese
128	Andhra Pradesh	Vizianagaram	Gurla-Madhupada	G4	Manganese
129	Andhra Pradesh	Anantapur	Obaganapalli-Mushtivarlamanda	G4	REE
130	Andhra Pradesh	West Godavari	Velagapadu	G4	REE
131	Andhra Pradesh	Nellore and Kadapa	Adurupalli and Dasarapalli	G4	Cu
132	Andhra Pradesh	Nellore	Masayapeta	G2	Cu
133	Karnataka	Shimoga	Gilalagundi	G4	Cobalt
134	Karnataka	Chitradurga	Doddaularthi	G4	Molybdenum
135	Karnataka	Yadgir	Bowanahalli and Devarapalli	G4	Molybdenum
136	Karnataka	Haveri	Sidlapur	G3	Gold
137	Karnataka	Mandya	Sindhughatta	G4	Platinum
138	Karnataka	Haveri	Yelvatti	G3	Copper
139	Karnataka	Chitradurga	Kennedlu- Kurmerdikere	G4	Copper
140	Karnataka	Haveri and Devanagere	Melabennur	G4	Iron/Mn
141	Karnataka	Mandya	Krishnarajapura	G4	Ni
142	Karnataka	Raichur	Kallingsugur and Niralkeri	G4	REE
143	Karnataka	Chikamagalur and Davangere	Hanni, Bukkumbudi and adjoining areas	G4	Gold
144	Karnataka	Chamrajnagar	Gundlupet and Annurkeri	G4	REE
145	SU: Kerala & Lakshadweep	Idukki	Devikulam	G4	REE
146	SU: Kerala & Lakshadweep	Palakkad and Malappuram	Mulliakurssi-Vattathur	G4	Gold
147	SU: Kerala & Lakshadweep	Wayanad	Mandat-Muttil	G3	Molybdenum
148	Telangana	Mancherial	Jaipuram	G4	REE
149	Telangana	Nalgonda	Pedda Adisarlapalli	G4	Cu, Pb, Zn
150	Telangana	Bhadradi Kothagudem	Kamalapuram - Jagannadhapuram	G4	REE
151	Telangana	Bhadradi Kothagudem	Pata Gangaram	G3	REE
152	Tamil Nadu	Tirupathur	Vellore	G4	Kimberlite
153	Tamil Nadu	Dharmapuri	Marudipatti North A	G2	Molybdenum
154	Tamil Nadu	Perambalur	Aiyanapuram	G3	phosphatic nodules
155	Tamil Nadu	Coimbatore	Somanur-Tekkalur	G4	REE-RM
156	Tamil Nadu	Sivaganga	Sivaganga	G4	Graphite
157	Tamil Nadu	Vellore	Rasimalai	G4	REE
158	Tamil Nadu	Erode	Mettuppalaiyam	G4	PGE
159	Tamil Nadu	Tiruvanamalai	Chengam-Uchimalaikuppam	G4	Au
160	Gujarat & Rajasthan	Banswara	Lakai, Handia and Pipali	G4	BM
161	Gujarat	Sabarkantha	Shemlabhuj and Bahara	G4	Gold & PGE
162	Gujarat	Udaipur	Kolyari and Piplajara	G4	Ni & Cr
163	Gujarat	Chhota Udepur and Dahod	Khokhra-Mithibor	G4	REE & RM
164	Gujarat	Chhota Udepur	Central part of Ambadungar	G2	REE & RM
165	Rajasthan	Alwar	Raipur-Mundawar	G4	BM
166	Rajasthan	Sikar	Jhilo	G3	Limestone
167	Rajasthan	Jaipur	Asalpur, Boraj, Bichun	G4	REE & RM
168	Rajasthan	Udaipur	Bara-Parshad	G4	BM
169	Rajasthan	Udaipur	Rupatalai and SW of Bemla	G3	BM
170	Rajasthan	Bhilwara	Lanpiya-Mahuakhurd	G3	BM

171	Rajasthan	Bhilwara and Chittorgarh	Karjiyakhera- Manyas- Karas	G4	BM
172	Rajasthan	Churu and Hanumangarh	Ghaniyasar- Sarupdesar	G4	Potash
173	Rajasthan	Sikar	Tejawala North	G3	BM
174	Rajasthan	Sikar	Tejawala South	G3	BM
175	Rajasthan	Sikar	Ravji Ki Dhani	G3	BM
176	Rajasthan	Sikar	west of Narda	G3	BM
177	Rajasthan	Sikar	South East of Nanagwas	G3	REE & RM
178	Rajasthan	Sikar	Adharshila-Dariba	G3	BM
179	Rajasthan	Sikar	East of Jaitpura	G3	BM
180	Rajasthan	Bhilwara	Balyakhera, Malikhera and Kotri	G4	BM
181	Rajasthan	Udaipur	Devgaon	G3	Gold
182	Rajasthan	Banswara	Ghatiyana	G3	Gold
183	Rajasthan	Sirohi	Mungthala-Mawal-Bhaisasing	G4	Niobium
184	Rajasthan	Sirohi	Jirawal-Sanpur	G4	REE
185	Rajasthan	Bhilwara	Mahendragarh-Gundli-Bawri	G4	REE
186	Rajasthan	Sikar	Natha ka Nangal	G3	Limestone
187	Rajasthan	Udaipur and Dungarpur	Bara Talav- Jharap-Bori	G4	Gold
188	Rajasthan	Udaipur	Rathri- Harmatiya Khurd	G4	Gold
189	Rajasthan	Hanumangarh	Makkasar	G3	Potash
190	Rajasthan	Hanumangarh	Nai Basti	G3	Potash
191	Rajasthan	Barmer	Sainji Ki Beri-Meli	G4	REE
192	Rajasthan	Barmer	Indrana-Siwana	G4	REE
193	Rajasthan	Barmer	WNW of Sukleswar Ka Mandir	G3	REE & RM
194	Rajasthan	Barmer	Nimale Ki Pahari-Dantala	G4	REE & RM
195	Rajasthan	Nagaur	Motiya	G3	Tungsten
196	Rajasthan	Ajmer	Harmara-Tiloniya	G4	BM
197	Rajasthan	Bhilwara	Bharak North	G3	Silver
198	Rajasthan	Barmer	Kundal-Dhiran	G4	REE & RM
199	Rajasthan	Chittorgarh	Hirakhedi	G3	BM
200	Rajasthan	Jhunjhunu	east of Pratappura	G3	BM
201	Rajasthan	Alwar	Khan Ka Guwara	G4	BM
202	Rajasthan	Pali and Ajmer	Kotra and Kalinjara	G4	BM
203	Rajasthan	Pali	Chitar, Sanderiya and Kanecha	G4	BM
204	Gujarat	Banaskantha	Jalotra-Vaghor	G4	REE & RM
205	Rajasthan	Alwar	Baraud - Dooghera	G4	BM
206	Rajasthan	Jaisalmer	Jaisalmer-Pokran	G4	REE
207	Rajasthan	Nagaur	Altava	G4	BM
208	Rajasthan	Alwar and Dausa	Golana, Kesupura, Goarah Gujar and Jamrauli	G4	BM
209	Rajasthan	Rajsamand	Kalaguman- Dhaneen-Nathela	G4	Emerald
210	Rajasthan	Alwar	Suratgarh	G3	Copper
211	Rajasthan	Bhilwara	Lakhola	G3	Basemetal
212	Rajasthan	Rajsamand	Negaria	G3	Manganese
213	Maharashtra	Yavatmal	Lathi-Kesurli	G4	Coal
214	Chhattisgarh	Raigarh	Dhibodih	G4	Coal
215	Chhattisgarh	Surguja	Aklasarai	G4	Coal
216	Madhya Pradesh	Chhindwara	Andole	G4	Coal
217	Odisha	Sundargarh	Taparia	G2	Coal
218	Odisha	Angul	Kanaloi	G4	Coal
219	Bihar	Bhagalpur	Shivnarayanpur	G4	Coal
220	Telangana	Bhadradi Kothagudem	Regalla	G3	Coal
221	Tamil Nadu	Ramanathapuram	Tiruppullani West	G3	Lignite
222	Nagaland	Kohima	Chedema-Dihoma	G4	Shale Gas