

GOVERNMENT OF INDIA  
MINISTRY OF MINES  
**LOK SABHA**  
**UNSTARRED QUESTION NO.3045**  
ANSWERED ON 19.03.2025

**MINERAL EXPLORATION AND PROCUREMENT PROJECTS**

3045. DR. D. PURANDESWARI:  
SHRI DAGGUMALLA PRASADA RAO:

Will the Minister of MINES be pleased to state:

- (a) the details of the 120 mineral exploration and procurement projects approved by National Mineral Exploration Trust (NMET) including expenditure incurred so far, project-wise;
- (b) the details and the number of these projects launched and being implemented in the country including Andhra Pradesh along with their current status and expected outcomes, State and district-wise for Andhra Pradesh;
- (c) the details regarding the funds sanctioned and released for the said projects, State and project-wise;
- (d) the steps being taken to ensure timely completion of these projects and their alignment with the National Mineral Policy;
- (e) the challenges identified in the implementation of these projects and if so, the measures being taken to address them;
- (f) the details regarding the projects approved by NMET for procuring machinery items, including their Physical progress and funds sanctioned;
- (g) whether the Government has initiated any research and development Programme to identify potential areas mineral reserves in the country, If so, the details thereof; and
- (h) the details of the future roadmap for utilizing NMET funds to further mineral exploration and sustainable development in the country?

**ANSWER**

THE MINISTER OF COAL AND MINES  
(SHRI G. KISHAN REDDY)

(a) and (c) During the FY 2024-25, National Mineral Exploration Trust (NMET) has approved 140 projects. The State wise and project wise details are enclosed as Annexure-1.

(b)

- The State wise details and number of projects launched/implemented is given in Annexure-2.
- The Details of project(s) in Andhra Pradesh are given in Annexure-3.
- Depending on the positive outcomes of the mineral exploration projects, the blocks may either be upgraded to advanced stage of exploration or may be auctioned as Composite Licence/Mining Licence/Exploration Licence blocks.
- Upon the successful procurement of machinery and equipment, the technical infrastructure in the respective States will be strengthened, accelerating mineral exploration activities and contributing to the country's mineral security.

(d)

- i. All the ongoing sanctioned projects are being monitored through monthly progress report submitted by the respective agencies.
- ii. NMET Secretariat facilitates the exploration agencies in obtaining forest clearance by taking up the matter with respective State Governments.
- iii. Sanctioned projects are periodically reviewed by the Technical-cum-Cost Committees (TCCs). During the review, the TCCs provide guidance to exploration agencies and help them in resolving bottlenecks.
- iv. To monitor the field work of notified private exploration agencies (NPEAs), an SoP has been made, as per which the Deputy Director General (DDGs) of State Units of GSI monitor the work when the NPEAs carry out field work.
- v. The procurement projects are being periodically reviewed by a committee comprising of Director level officers.
- vi. The National Mineral Policy provides for encouragement to private sector in undertaking exploration and special attention to exploration of critical & strategic minerals. In line with the Policy, during FY 2024-25, NMET has sanctioned 72 projects pertaining to critical minerals. Further, 46 projects have been sanctioned to Notified Private Exploration Agencies (NPEAs).

(e) The challenges identified in implementation of these projects and the measures taken to address them are as under:

- **Forest Clearance:** To facilitate early forest clearance, the matter is being taken up with respective States and review meetings are being conducted with implementing agencies and State Governments.
- **Difficult Terrain:** To encourage exploration activities in the difficult terrains, an incentive of 3.35 times of Schedule of Charges (SoC) of NMET is provided to the agencies.
- **Areas affected by Left Wing Extremism (LWE):** To encourage exploration activities in areas affected by Left Wing Extremism (LWE), an incentive of 1.25

times of Schedule of Charges (SoC) of NMET is provided to the agencies in the “Most affected LWE districts”.

(f) The details of the projects approved by NMET for procuring machinery items are given in Annexure-4.

(g)

- i. NMET is supporting flagship baseline geoscience programs of GSI, such as National Aero-Geophysical Mapping Program (NAGMP), National Geoscience Data Repository (NGDR), National Geophysical Mapping Program (NGPM), Deep Seismic Reflection Survey & Magneto-Telluric Survey (DSRS-MT Survey) with an approved cost of ₹1262 crore. These surveys are important to identify potential mineral reserves in the country. So far, 6 projects of NAGMP have been completed through which more than 300 blocks have been identified for further exploration (the outcome of these projects are published on NGDR portal).
- ii. NMET is supporting GSI to establish a Data Processing, Interpretation and Integration Centre (DPIIC) to store, analyze, interpret and integrate the data generated from baseline geo surveys to build appropriate 2D & 3D models for finding new areas of mineral exploration.
- iii. NMET is promoting research and innovation by Start-ups, MSMEs and individual innovators by funding projects under the S&T PRISM Programme of Ministry of Mines through JNARDDC. Till date, NMET has funded 22 such projects with approved cost of ₹28.45 Crore. Details of these projects are enclosed as Annexure-5.

(h)

- NMET has been allocated a budget of ₹500 crore in FY 2025-26. This amount would be spent on undertaking regional and detailed exploration, baseline surveys, procurement of equipment/machinery/software, incentive to States for auction of mineral blocks.
- To expedite the exploration of critical & strategic minerals, NMET will fund mineral exploration projects under the National Critical Mineral Mission (NCMM).
- To provide further impetus to exploration activities , NMET will fund Regional Mineral Targeting (RMT) projects by exploration agencies.
- To encourage the states to carry out mineral exploration, NMET will provide matching grant to State Governments to the extent of 10% of annual collection by States in the State Mineral Exploration Trust (SMET).

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**Annexure-1**

**State wise and project wise details of projects funded by NMET in FY: 2024-25**

*Amount in Rs. crore*

Sl. No	State	Project Name	Agency	Sanctioned Cost	Total Expenditure	Project Status
<b>A. DETAILS OF MINERAL EXPLORATION PROJECTS</b>						
1	Andhra Pradesh	Reconnaissance Survey (G-4) For Diamond In Part Of A Palaeo-Channel In Krishna Basin Near Mangalagiri, Guntur Dist, Andhra Pradesh.	Geo Marine Solutions Pvt. Ltd.	2.07	0.00	Ongoing
2	Arunachal Pradesh	Reconnaissance Survey (G-4) for Graphite & Vanadium in and around Lalpani area, Lohit District, Arunachal Pradesh	Kartikay Exploration and Mining Services Private Limited	5.63	0.00	Ongoing
3	Assam	Reconnaissance (G-4) survey for Limestone in Dillai area, Karbi Anglong districts, Assam	DGM Assam	3.48	1.39	Ongoing
4		Reconnaissance (G-4) survey for limestone in Sheelveta area (25 sq.km.), Karbi Anglong district, Assam.	DGM Assam	2.68	1.07	Ongoing
5		Reconnaissance (G-4) survey for limestone in Longplaidisa area (25 sq.km.), Dima Hasao district, Assam.	DGM Assam	3.08	1.23	Ongoing
6		Reconnaissance (G-4) survey for limestone in Dikurumetron area (20 sq.km.), Upper Deopani of Karbi Anglong district, Assam.	DGM Assam	2.22	0.89	Ongoing
7		Reconnaissance Survey (G-4) for Tungsten, REE and Associated minerals in and around Nellie Area (114.96 sq. km), Morigaon and West Karbi Anglong Districts, Assam	MECL	2.64	1.06	Ongoing
8		Reconnaissance Survey (G4) for REE & associated minerals in and around Langmipi - Laching Thing Area (124.68 sq. km), West Karbi Anglong District, Assam	MECL	4.57	1.83	Ongoing
9		Preliminary Exploration (G-3 Stage) for REE and Associated Minerals in Umprikhola Block, Kamrup District, Assam	MECL	8.82	3.53	Ongoing

10	Chhattisgarh	Reconnaissance survey (G-4) for Glauconitic sandstone in Parsada-Nawapara-Gurur area (146.27 sq km), Balod district, Chhattisgarh	MECL	1.17	0.47	Ongoing
11		Reconnaissance survey (G4) for Lithium, Niobium, Tantalum, Titanium & REE Minerals in and around Bengpal–Ellingnar-Kumakoleng Block, Sukhma, and Bastar Districts, Chhattisgarh	M/s United Exploration India Pvt. Ltd.	0.93	0.00	Ongoing
12		Preliminary exploration (G3) for Bauxite in Barpat Block, Balrampur Ramanujanj District, Chhattisgarh	DGM Chhattisgarh	1.37	0.55	Ongoing
13		Reconnaissance Survey (G4) for Iron Ore in Nawagarh-Nelsod-Antagarh area, District Uttar Bastar Kanker, Chhattisgarh	PRB Infra	1.17	0.00	Ongoing
14	Gujarat	Reconnaissance Survey (G4) for REE and Associated Minerals in Saiyedpar area (135.45 Sq.km), Kachchh District, Gujarat	MECL	1.84	0.00	Ongoing
15		Reconnaissance Survey (G4) for REE, RM, Glauconite and Phosphorite in Devisar area (102.70 Sq.km), Kachchh District, Gujarat	MECL	2.51	0.00	Ongoing
16		Reconnaissance Survey (G4) for REE and Phosphorite in Sumarsar area (107.46 sq.km), Kachchh District, Gujarat	MECL	1.78	0.00	Ongoing
17		Reconnaissance Survey (G4) for REE and associated Minerals in Nokhaniya area (101.65 Sq.km), Kachchh District, Gujarat	MECL	2.39	0.00	Ongoing
18		Reconnaissance survey (G4) for Nickel, Cobalt and PGE in Botad area, Botad District, Gujarat	M/s CMT	1.28	0.00	Ongoing
19		Reconnaissance Survey (G4) for REE, Glauconite and Associated minerals in Devpur area (138.52 sq. km), Kachchh District, Gujarat	MECL	2.84	0.00	Ongoing
20		Reconnaissance Survey (G4) for REE in the Goma River Basin, Dahod, Chhota Udaipur and Panchmahal Districts, Gujarat	M/s Geovale Services Pvt. Ltd.	2.56	0.00	Ongoing
21		Reconnaissance survey (G4) for Glauconite in Mudhan-Khatiya block (129.00 sq. km), Kachchh District	MECL	1.62	0.65	Ongoing

		Gujarat				
22		Preliminary Exploration for Bauxite in Mothala Block, Kachchh District, Gujarat	CGM Gujarat	2.26	0.90	Ongoing
23		Preliminary Exploration for Limestone in Lodhva Block, Gir Somanth District, Gujarat	CGM Gujarat	0.47	0.19	Ongoing
24		Preliminary Exploration for Limestone in Matana Block, Gir Somnath District, Gujarat	CGM Gujarat	0.57	0.23	Ongoing
25		Preliminary Exploration (G-3 Level) for Limestone in Simar Block, Gir Somanth District, Gujarat	CGM Gujarat	0.30	0.12	Ongoing
26		Detailed Exploration (G-3 Level) for Limestone in Bolas Block, Gir Somanth District, Gujarat	CGM Gujarat	0.40	0.16	Ongoing
27	Gujarat	Reconnaissance Survey (G-4) for Wollastonite in Bhadli Block (107.89 sq km), District: Banaskantha, Gujarat	MECL	1.61	0.64	Ongoing
28		Preliminary Exploration (G-3) for Bauxite and associated minerals in Julrai Block, District: Kachchh, Gujarat	MECL	2.46	0.99	Ongoing
29		Preliminary Exploration (G-3) for Bauxite and associated minerals in Dhrang Block, Districts: Kachchh, Gujarat	MECL	1.51	0.60	Ongoing
30		Reconnaissance Survey (G4) for Limestone in Bhatiya Area in the Village Bhatiya-Gokalpur, District-Devbhumi Dwarka, Gujarat	PRB Infra	0.70	0.00	Ongoing
31		Reconnaissance survey (G4) for Glauconite in Ambara West Block Kachchh District, Gujarat	MECL	1.08	0.43	Ongoing
32		Preliminary Exploration (G-3 Stage) for Bauxite, Gallium, Vanadium, REE in Sandhan Block, Kachchh District, Gujarat	Geo Marine Solutions Pvt. Ltd.	2.03	0.00	Ongoing
33		Preliminary Exploration (G-3 Stage) for Bauxite, Gallium, Vanadium & REE minerals in Naredi Bauxite Block, Kachchh District, Gujarat	Geo Marine Solutions Pvt. Ltd.	2.33	0.00	Ongoing

34		Reconnaissance Survey (G-4 stage) for establishing the occurrence of Lithium and associated minerals in Great Rann of Kachchh, Gujarat	CGM Gujarat	0.31	0.12	Ongoing
35		Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti & REE in Lakhond area, Kachchh District, Gujarat	Critical Mineral Tracker	0.60	0.00	Ongoing
36		Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti & REE in Nadapa area Kachchh District, Gujarat	Critical Mineral Tracker	0.54	0.00	Ongoing
37		Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti & REE in Reldi Moti area Kachchh District, Gujarat	Critical Mineral Tracker	0.55	0.00	Ongoing
38		Reconnaissance Survey (G4) for Vanadium and Titanium in Magnetite bearing sand in the beach/dune sands along the Saurashtra coast, Gujarat	Geo Marine Solutions Pvt. Ltd.	1.70	0.00	Ongoing
39		Reconnaissance Survey (G-4 Stage) for Glauconite, Phosphorite & REE in Ambara-Maru Block, DistrictKachchh, Gujarat	MECL	2.30	0.92	Ongoing
40	Jharkhand	Preliminary Exploration (G-3) for Copper and associated minerals in Thakurdih Area-1 Block (5.1 sq.km.), Singhbhum Copper Belt, East Singhbhum district, Jharkhand	MECL	4.67	3.49	Ongoing
41		Preliminary Exploration (G-3 Level) for Bauxite, Titanium and associated minerals in Anvrapat Block (1.00 sq. km), Lohardaga District, Jharkhand	MECL	1.76	0.70	Ongoing
42		Preliminary Exploration (G3) for Bauxite, Titanium, and Associated Minerals Harhapat block, Gumla, Jharkhand.	JEMCL	0.74	0.30	Ongoing
43		Preliminary Exploration (G3) for Manganese and Associated Minerals in Kankura Block, West Singhbhum District, Jharkhand	Natural Resource Division, Tata Steel Ltd.	3.96	0.00	Ongoing
44		Reconnaissance Survey (G4) Exploration of Copper Bearing Minerals around Musabani, Dumriya, Maheshpur areas in West Singhbhum District, Jharkhand.	Natural Resource Division, Tata Steel Ltd.	2.88	0.00	Ongoing

45		Reconnaissance Survey (G4) for Gold in Hurungdah-TamarRanchi-Arki-Khunti-Kuchai area, Saraikela-Kharsawan District, Jharkhand	JEMCL	2.16	0.00	Ongoing
46		Preliminary Exploration (G3) for Copper and associated minerals in Jaridih-Pipradih Block, District: Giridih, Jharkhand	MECL	4.00	1.60	Ongoing
47		Preliminary exploration (G-3 Stage) for Magnetite and associated minerals in Pipradih Area (7.00 Sq. km.), District: Giridih, State: Jharkhand	CMPDI	1.47	0.59	Ongoing
48		Reconnaissance (G4 Stage) for Gold in Jojobera-Ulihurang Block, Arki Block, Khunti District, Jharkhand	JEMCL	1.13	0.45	Ongoing
49	Karnatak a	Preliminary Exploration (G-3) for Iron and Manganese mineralization in Ramghad Block, Bellari District, Karnataka	DGM Karnataka (M/s Ecomen Mining Pvt.)	1.64	0.66	Ongoing
50		Preliminary Exploration (G-3 Level) for Limestone in Malkhed-1 North, Malkhed-1 South, Malkhed-2 North and Malkhed-2 south Blocks (Over an extent of 18.02 sq. km), Gulbarga District, Karnataka	MECL	1.22	0.49	Ongoing
51		Preliminary Exploration for Aluminous Laterite and Associated Critical Elements (V, Ga, & REE) in Mundalli Block, Uttara Kannada District, Karnataka	Geo Marine Solutions Pvt. Ltd.	0.91	0.00	Ongoing
52		Reconnaissance Survey for gold and associated minerals in Killarhatti area, Koppal & Raichur, Karnataka	Mining Tech Consultancy Services Ltd	3.74	1.12	Ongoing
53		Preliminary Exploration (G3) for Bauxite in Kalychochra block, Rayagada district, Odisha	DGM Odisha	1.00	0.40	Ongoing
54		Preliminary Exploration (G3) for Bauxite in Nittadgi Block, Uttara Kannada district, Karnataka	PRB Infra	1.41	0.00	Ongoing
55		Preliminary Exploration (G-3 Stage) for Gold in Chinnikatti Block, Haveri District, Karnataka	Mining Tech Consultancy Services Ltd	4.69	0.00	Ongoing
56		Preliminary Exploration (G-3 Stage) for aluminous laterite and associated critical minerals in Govindagude &	Critical Mineral Tracker	0.44	0.13	Ongoing



		Sudigudde block, Udupi District, Karnataka.				
57	Madhya Pradesh	Preliminary Exploration (G-3) for Glauconite Sandstone in Jhari block (5.1 sq.km.), Satna district, Madhya Pradesh	MECL	0.72	0.29	Ongoing
58		Preliminary Exploration (G-3) for Glauconite Sandstone in Deulha block (8.5 sq.km.), Satna district, Madhya Pradesh	MECL	1.05	0.42	Ongoing
59		Preliminary Exploration (G-3) for Iron, Manganese and Associated Minerals in Tindni area (7.4 Sq. Km) Jabalpur district, Madhya Pradesh.	MECL	3.69	1.48	Ongoing
60		Preliminary (G-3) Exploration for Iron and Bauxite Ore in Majhauili Block (3.94 sq.km.), District- Jabalpur, Madhya Pradesh	MECL	0.67	0.54	Ongoing
61		Preliminary (G-3) Exploration for Iron and Bauxite Ore in Amoch-Chhapra Block (4.86 sq.km.), District- Jabalpur & Katni, Madhya Pradesh	MECL	1.07	0.43	Ongoing
62		Preliminary exploration (G-3) of Tungsten and Tin ore in Murara-Devendrapura Block, District-Niwari, Madhya Pradesh	MECL	3.09	1.24	Ongoing
63	Madhya Pradesh	Preliminary Exploration (G-3) for Copper, Lead, Zinc and Associated Metals in Salaiya Phatak Block, District: Katni, Madhya Pradesh	MECL	1.39	0.55	Ongoing
64		Preliminary Exploration (G-3) for Iron and associated minerals in Chitrangi Block, Singrauli District, Madhya Pradesh	MECL	1.96	0.78	Ongoing
65		Reconnaissance Survey (G4) for Glauconite and associated mineralization in Dhamni-Piparwasi Simliya area, Sheopur district, Madhya Pradesh	M/s Maheshwari Mining Pvt. Ltd.	1.06	0.32	Ongoing
66		Reconnaissance Survey (G4) for Gold and Associated Minerals in Parma area (133.00 Sq.km), Singrauli District, Madhya Pradesh	MECL	1.87	0.00	Ongoing
67		Preliminary Exploration (G3) in Jhalauthar Phosphorite block for Rock Phosphate, in Bada Malehra Taluka, Chhatarpur District, M.P.	Engeotech	1.72	0.00	Ongoing

68		Preliminary Exploration (G3) for PGE and Associated mineral in Mordongri-Jamtara Block in Chhindwara district, M.P.	MPSMC	2.17	0.87	Ongoing
69		Reconnaissance survey (G4) for copper and associated minerals in Kochipur District- Sidhi, Madhya Pradesh.	CMPDI	1.25	0.50	Ongoing
70		Preliminary exploration (G3) for Limestone in Sangmania Block, Satna District, Madhya Pradesh	MPSMC	1.13	0.45	Ongoing
71		Reconnaissance survey (G4) for Glauconitic Sandstone in Kisanpur Block, Satna District, Madhya Pradesh	MECL	0.91	0.37	Ongoing
72		Reconnaissance Survey (G4) for Iron, Manganese and Associated Minerals in Jauli-Sailwara Block (33.8 Sq.km), District: Jabalpur, State: Madhya Pradesh	MECL	1.35	0.54	Ongoing
73		Preliminary Exploration Survey (G3) of Iron Ore and associated minerals in Bamuri Block, Sidhi District, Madhya Pradesh	Maheshwari Mining Private Limited	2.87	0.86	Ongoing
74		Preliminary exploration (G3) for Iron ore and associated minerals in Amhawa Block, Sidhi District, Madhya Pradesh.	Maheshwari Mining Private Limited	3.97	1.19	Ongoing
75		Reconnaissance Survey (G-4 Stage) for Limestone in and around Nanhwara Kymore area, Katni District, Madhya Pradesh	Engeotech	0.70	0.00	Ongoing
76	Maharashtra	Preliminary Exploration (G-3) for Manganese Ore in Dhavalapur area (15.00 sq km), Nagpur district, Maharashtra.	MECL	2.32	0.93	Ongoing
77		Preliminary Exploration (G-3) for Limestone in Sawalhira (East) Block, Chandrapur District, Maharashtra	DGM Maharashtra (M/s Gemcokati Exploration Pvt)	0.87	0.35	Ongoing
78		Preliminary exploration for Limestone in Rupapeth Block, Chandrapur district, Maharashtra	DGM Maharashtra (M/s Gemcokati Exploration Pvt)	0.96	0.38	Ongoing
79		Preliminary Exploration (G-3) for Copper and associated Mineralization in Govindpur Block (0.83 sq.km.), Chandrapur District, Maharashtra.	M/s Kartikay Exploration and Mining Services Pvt. Ltd.	1.26	0.00	Ongoing

80		Preliminary Exploration (G3 Level) for Limestone in Adegaon Block, Yavatmal District, Maharashtra.	MECL	0.99	0.40	Ongoing
81		Preliminary Exploration (G3) for Limestone in Dhunki-Chilai Block District: Yavatmal, Maharashtra	MECL	0.98	0.39	Ongoing
82		Preliminary Exploration (G-3 Stage) for Magnetite and associated Vanadium mineralization in Khursipar Block, District: Gondia, Maharashtra	MECL	2.73	0.00	Ongoing
83		Preliminary Exploration (G-3 Stage) for Kyanite and Sillimanite in Malada Block, District- Bhandara and Gondia, Maharashtra	MECL	1.40	0.00	Ongoing
84		Preliminary Exploration (G-3) for Limestone in Akapur Block, Yavatmal District, Maharashtra	MECL	0.97	0.39	Ongoing
85		Preliminary Exploration (G-3) for Limestone in Mundra-Chilaiblock Block (4.38 Sq. km) District- Yavatmal, Maharashtra.	MECL	0.91	0.36	Ongoing
86		Preliminary Exploration (G-3) for Limestone in Hiwardhara-Ganeshpura Block (2.81 Sq. km) District- Yavatmal, Maharashtra	MECL	0.94	0.38	Ongoing
87		Reconnaissance Survey (G-4 stage) for Iron Ore in Arewada – Hitapadi Block (27 sq km), District: Gadchiroli, Maharashtra	Gemco Kati Exploration Pvt. Ltd.	0.17	0.00	Ongoing
88		Preliminary Exploration (G3 Stage) of Limestone in Ponar Block, Adilabad District, Telangana	Maheshwari Mining Private Limited	1.04	0.31	Ongoing
89		Preliminary Exploration (G3 Stage) of Limestone, Gadeghat -Khatara block, Yavatmal District, Maharashtra	Maheshwari Mining Private Limited	2.31	0.69	Ongoing
90		Preliminary Exploration (G3) for Tungsten & Associated Minerals in Bodkipet block (intervening area between Kuhi and Khobna blocks), District: Nagpur, Maharashtra	MECL	4.15	1.66	Ongoing
91	Manipur	Reconnaissance survey (G4) for nickel-cobalt, PGE and chromium in and around Phangrai area, Ukhrul district, Manipur	M/s United Exploration India Pvt. Ltd.	1.16	0.00	Ongoing
92		Preliminary Exploration for Nickel, Cobalt, Chromium & PGE minerals in Gamnom Block, Kamjong District, Manipur	United Exploration India Pvt. Ltd.	6.12	0.00	Ongoing

93	Nagaland	Preliminary Exploration (G-3) for Limestone in Mimi Kheti Block, Kiphire district, Nagaland	DGM, Nagaland	11.67	4.67	Ongoing
94	Odisha	Preliminary Exploration (G-3) for Graphite in Chormunda Block (3.75 sq.km.), District- Balangir and Nuapara, Odisha.	MECL	2.60	1.04	Ongoing
95		Preliminary Exploration (G-3) for Graphite in Temrimal Block (4.0 sq.km.), District- Balangir and Bargarh, Odisha	MECL	2.74	1.09	Ongoing
96		Preliminary Exploration (G3) for Graphite in Patimal Block, District-Balangir, Odisha	MECL	2.08	0.83	Ongoing
97		Preliminary Exploration (G-3 Level) for Limestone in Jaharitola (3.34 sq. km) and Mundatola (4.34 sq.km) Blocks, Sundargarh District, Odisha	MECL	2.86	1.14	Ongoing
98		Reconnaissance Survey (G4) for Graphite in and around Khairmal area, Bolangir, District, Odisha.	OMC	0.85	0.34	Ongoing
99		Reconnaissance survey(G4) for Graphite in Dhourakhman area (60.0 Sq. Km), District: Bolangir, Odisha	OMC	0.89	0.36	Ongoing
100		Reconnaissance (G-4) for Manganese around Kandhal area of Rairakhol Tahasil of Sambalpur District, Odisha	DMG Odisha	0.74	0.30	Ongoing
101		Reconnaissance Survey (G4 Stage) for Graphite in and around Dumburuneli area, Rayagada District, Odisha	Maheshwari Mining Private Limited	1.38	0.41	Ongoing
102	Rajasthan	Preliminary Exploration (G3) for REE and Copper in Hirnoda block, Jaipur, Rajasthan	MECL	4.39	1.76	Ongoing
103		Preliminary Exploration (G3) for Copper and Associated minerals in Singhana - Bodhan Block (3.36 sq. km), Jhunjhunu District, Rajasthan	MECL	10.55	0.00	Ongoing
104		Reconnaissance Survey (G-4) for mineral-Rock Phosphate in Randha, Jaisalmer district, Rajasthan	FAGMIL	1.37	0.55	Ongoing
105		Preliminary Exploration (G-3) for REE and associated minerals in Borana block, Rajsamand district, Rajasthan	M/s GeoExpore Pvt. Ltd.	1.47	0.21	Ongoing

106		Preliminary (G3) exploration for Glauconite and associated minerals in Pitupura block, Sawai Madhopur and Karauli Districts, Rajasthan	M/s GeoExpore Pvt. Ltd.	1.95	0.00	Ongoing
107		Preliminary Exploration (G3-Stage) for REE mineralisation in Nauser-Bamni Dhani-Dandali Block Barmer, State: Rajasthan	MECL	6.11	2.44	Ongoing
108		Preliminary Exploration (G3) for Potash in Lakhasar East Extension Block (9.50 Sq.km), Lakhasar Sub Basin, north western part of Rajasthan, District-Bikaner, Rajasthan	MECL	16.17	6.47	Ongoing
109	Tamil Nadu	Preliminary Exploration (G3) for REE Mineralization in Maravapaliyam Block, Tiruppur District, Tamil Nadu.	MECL	1.25	0.50	Ongoing
110		Preliminary Exploration (G-3) for Graphite in Arsanur East block, Sivaganga district, Tamil Nadu	KIOCL	3.46	1.38	Ongoing
111		General exploration (G2 stage) for molybdenum in Vellakkal Central Block, Uttangarai Sector, Haru-Uttangarai Belt, District-Krishnagiri, Tamil Nadu.	MECL	11.21	4.48	Ongoing
112		Reconnaissance Survey (G4) for REE & RM (Sc, Nb) mineralisation in Samalpatti, Krishnagiri District, Tamil Nadu	KIOCL	1.32	0.53	Ongoing
113		Preliminary Exploration (G-3 Stage) for limestone in Chokkanathapuram Block, Ariyalur and Perambalur Districts, Tamil Nadu	Geo Exploration and Mining Solutions	2.25	0.00	Ongoing
114		Preliminary exploration (G3 stage) for limestone in Kulumur Block, Ariyalur and Perambalur Districts, Tamil Nadu	Geo Exploration and Mining Solutions	2.25	0.00	Ongoing
115		Preliminary exploration (G3) for molybdenum in Vellakkal North Block (2.90 Sq.Km.) & Vellakkal South Block (1.55 Sq.Km.), Uttangarai Sector, Haru-Uttangarai Belt, District-Krishnagiri, Tamil Nadu.	MECL	9.12	3.65	Ongoing
116	Telangana	Reconnaissance survey (G4) for REE and associated minerals in Nellikudur area Mahabubabad and Warrangal districts, Telangana	Critical Mineral Tracker	1.03	0.31	Ongoing

117		Preliminary Exploration (G-3) For Limestone In Kodangal Block, Vikarabad District, Telangana State	TGMDC	1.62	0.65	Ongoing
118		Preliminary Exploration (G3 Stage) for Limestone in Mangrur block, Adilabad District, Telangana	Maheshwari Mining Private Limited	0.70	0.21	Ongoing
119	Uttarakhand	Reconnaissance Survey (G4) for Polymetals (Cu-Pb-Zn & AuAg) in Amritpur area (56.62 Sq.km), Nainital District, Uttarakhand	MECL	1.08	0.00	Ongoing
120		Reconnaissance survey (G4) for Basemetal in Chupra-Khet, Kuta area, Pithoragarh District, Uttarakhand	M/s Geovale Services Pvt. Ltd.	4.91	0.00	Ongoing
121		Reconnaissance Survey (G4 Stage) for Graphite and Vanadium in Matena-Sirar Area (60 sq.km.), Almora District, Uttarakhand	M/s Geovale Services Pvt. Ltd.	2.60	0.18	Ongoing
122		Reconnaissance Survey (G-4 Stage Exploration) For Phosphorite & associated minerals in Kaphalda Block, Districts: Dehradun & Tehri Garhwal, State: Uttarakhand	MECL	3.18	1.27	Ongoing
123		Preliminary Exploration (G3-Stage) for Tin in Kangra Block (6.35 sq. km. Area), District – Tehri Garhwal, Uttarakhand	MECL	6.05	2.42	Ongoing
124	Uttar Pradesh	Reconnaissance Survey (G4 Stage) for Copper, Molybdenum, Tungsten & associated minerals in Hanspur Block, District Jhansi, Uttar Pradesh	MECL	1.62	0.65	Ongoing
125		Reconnaissance Survey (G4 stage) for Basemetals in Burogaon-Biltala-Mogan area, Lalitpur district, Uttar Pradesh	M/s Geovale Services Pvt. Ltd.	3.18	0.00	Ongoing
126	West Bengal	Reconnaissance Survey (G-4 Stage) of Graphite, Korapara East Block, Bankura District, West Bengal.	Maheshwari Mining Private Limited	1.25	0.00	Ongoing
127		Reconnaissance Survey (G-4 Stage) for graphite in Korapara, Bankura District, West Bengal	Maheshwari Mining Private Limited	1.22	0.37	Ongoing
<b>B. DETAILS OF PROCUREMENT PROJECTS</b>						

1	Rajasthan	Financial assistance from NMET funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.	Department of Mines and Geology Rajasthan	13.86	0.00	Ongoing
2	Other	Procurement of 01 no. of Digital Core Logger for the establishment of Digital core library by GSI.	GSI	43.25	0.00	Ongoing
3	Other	Procurement of 4 No. EPMA Instruments	GSI	62.40	0.00	Ongoing
4	Goa	Financial Assistance for procurement of machinery / equipment / instruments etc.	DMG Goa	0.60	0.48	Ongoing
5	Other	Establishing Data Processing, Interpretation and Integration Centre (DPIIC) at GSI, RSAS, Bangalore	GSI	4.07	1.02	Ongoing
6	Other	Procurement of Handheld XRF Analyser	GSI	15.93	0.00	Ongoing
7	Other	Procurement of Machinery & Equipments	CMPDI	2.57	1.03	Ongoing
8	Telangana	Financial assistance from NMET funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.	DMG Telangana	7.51	3.00	Ongoing
9	Other	Procurement of ArcGIS software	GSI	11.00	0.00	Ongoing
10	Other	Procurement of Geosoft (Oasis Montaj) Software	GSI	9.80	0.00	Ongoing
11	Other	Financial Assistance from NMET funds to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities.	IBM	29.93	0.00	Ongoing
12	Nagaland	Financial Assistance to State Governments to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities from NMET funds	DGM Nagaland	0.77	0.31	Ongoing
13	Mizoram	Financial Assistance to State Governments to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities from NMET funds	DGM Mizoram	0.30	0.12	Ongoing

**Annexure-2****State wise details of NMET funded projects of FY: 2024-25***Amount in Rs. crore*

<b>Sl. No.</b>	<b>State</b>	<b>Total Projects (Mineral Exploration/ Procurement)</b>	<b>Total Sanctioned Cost</b>	<b>Total Expenditure</b>	<b>Status</b>
1	Andhra Pradesh	1	2.07	0	Ongoing
2	Arunachal Pradesh	1	5.63	0	Ongoing
3	Assam	7	27.49	11.0	Ongoing
4	Chhattisgarh	4	4.64	1.02	Ongoing
5	Goa	1	0.60	0.48	Ongoing
6	Gujarat	26	38.54	5.95	Ongoing
7	Jharkhand	9	22.77	7.13	Ongoing
8	Karnataka	8	15.05	2.8	Ongoing
9	Madhya Pradesh	19	32.64	10.83	Ongoing
10	Maharashtra	15	22.00	6.24	Ongoing
11	Manipur	2	7.28	0	Ongoing
12	Mizoram	1	0.3	0.12	Ongoing
13	Nagaland	2	12.44	4.98	Ongoing
14	Odisha	8	14.14	5.51	Ongoing
15	Rajasthan	8	55.87	11.43	Ongoing
16	Tamil Nadu	7	30.86	10.54	Ongoing
17	Telangana	4	10.86	4.17	Ongoing
18	Uttar Pradesh	2	4.80	0.65	Ongoing
19	Uttarakhand	5	17.82	3.87	Ongoing
20	West Bengal	2	2.47	0.37	Ongoing
21	Others	8	178.95	2.05	Ongoing
<b>Total</b>		<b>140</b>	<b>507.22</b>	<b>89.14</b>	Ongoing



**Annexure-3****Details of Project in Andhra Pradesh***Amount in Rs. Crore*

<b>Sl. No.</b>	<b>Title of the Project</b>	<b>District</b>	<b>Agency</b>	<b>Duration</b>	<b>Sanctioned Date</b>	<b>Sanctioned Cost</b>	<b>Status</b>
1	Reconnaissance Survey (G-4) of Diamond In Part Of A Palaeo-Channel In Krishna Basin Near Mangalagiri, Guntur Dist, Andhra Pradesh	Guntur	M/s Geo Marine Solutions Pvt. Ltd.	12	04.12.25	2.07	Ongoing

## Annexure-4

## Details of procurement projects Sanctioned by NMET In FY 2024-25

Sl. No.	Agency	No. of Projects	Sanctioned Amount (₹ In Cr.)	Physical progress
1.	CMPDI	1	2.57	In Progress
2.	DMG Rajasthan	1	13.86	In Progress
3.	DGM Mizoram	1	0.30	In Progress
4.	DGM Nagaland	1	0.77	In Progress
5.	DMG Goa	1	0.60	In Progress
6.	GSI	6	146.45	In Progress
7.	IBM	1	29.93	In Progress
8.	DMG Telangana	1	7.51	In Progress
	<b>Total</b>	<b>13</b>	<b>201.99</b>	

**Annexure-5**

**Details of projects sanctioned under S&T PRISM Scheme through JNARDDC**

*Amount in Rs. crore*

<b>Sl. No</b>	<b>Project Name</b>	<b>Sanctioned Cost</b>	<b>Total Expenditure</b>
1	Project under ST&PRISM Scheme recommended by the APEX Committee, Metal – 4, Ministry of Mines GARBH - A Software for exploration of Rare-Earth-elements	1.20	0.72
2	Project under ST&PRISM Scheme Project Title- Setting up of a 5 TPD (ton per day) CFA (Coal Fly-ash) Processing Plant to extract high-purity fumed Silica (>99.9%) and Aluminium fluoride (>98%)	2.00	0.80
3	Project under ST&PRISM Scheme Project Title-Real-time Continuous Temperature Measurement of Cryolite Bath using Ultrasonic Waveguide Technology	0.38	0.23
4	Project under ST&PRISM Scheme Project Title-Development of Red Mud Flocculants	2.00	1.20
5	Project under ST&PRISM Scheme Project Title- Recycled aluminum carbon fiber composite based high pressurized vessel	1.49	0.59
6	Project under ST&PRISM Scheme Project Title- Artificial Intelligence (AI), Machine Learning (ML), and Neural Network (NN) software for exploration, prospecting, and appraisal of minerals and metals in the mineral and mining industries	0.48	0.29
7	Project under ST&PRISM Scheme Project Title- SCIN: A process to extract scandium oxide from red mud	0.75	0.45
8	Project under ST&PRISM Scheme Project Title- Artificial Intelligence System for Condition Based Monitoring of L1/L2/IBA data of Aluminium Plants' Equipment	1.56	0.94
9	Project under ST&PRISM Scheme Project Title- Li(MnxFe1-x)PO4 Cathode Active Material Promising Material for future EV Application	1.40	0.56
10	Project under ST&PRISM Scheme Project Title- Recovery of High-Grade Zinc Oxide from Zinc Ash by Hydrometallurgical Process	0.87	0.52
11	Project under ST&PRISM Scheme Project Title- Universal electronic Detonator for sequential blasting	0.34	0.14
12	Processing of Indian Rock Phosphate to produce high quality Import Substitute Fertilizer	1.99	0.80
13	Production of High Pure Chromium Metal for Defence and Aerospace Applications	1.60	0.64
14	Zinc metal as energy storage: mechanically rechargeable zincair batteries as long-duration energy storage for grid applications	1.96	0.78

15	Large Scale Production of TwoDimensional Ti3C2TX MXene Nanomaterial from Industrial Waste for Advanced applications	1.53	0.61
16	Manufacturing of Thermal spray powders and Sintered Tungsten Carbide products	1.48	0.59
17	NdPr Metal Production through Molten Salt Electrolysis Technology	1.00	0.40
18	Solvent Extractants and IonExchange Resin chemicals for Strategic and Rare Earth Metal Recovery	1.20	0.48
19	High thermal conducting heat exchanger and heat sink using recycled aluminium composite	1.50	0.60
20	Highly energy efficient ElectroKompact system for removal of metal and high TDS from mineral industry effluent to achieve zero liquid discharge	1.50	0.60
21	Eco-friendly Innovation: Crafting High-Quality Silicon Dioxide from Quartzite	1.50	0.60
22	Mineral Resource Estimation and AI-based Borehole Site Selection	0.72	0.29
<b>Total</b>		<b>28.45</b>	<b>12.83</b>