



WELCOME
Group-I Officers
Mines & Minerals
(Mineral Strength, Legislation and
Mining Sector in Telangana

12.02.2026

DEPARTMENT OF MINES AND GEOLOGY
GOVERNMENT OF TELANGANA



GEOLOGY OF TELANGANA STATE



- Telangana is a part of Deccan Plateau covering Eastern Dharwar Craton, comprises of Granites, Gneisses variants of Peninsular Gneissic Complex.
- Small portion is covered by Bheema basin extending into Karnataka in the West, Penganga basin in the North extending into Maharashtra, Palnadu in the South extending into Andhra Pradesh. Pakhal and Sullavai basins in central part of Telangana.
- The Dharwar craton is covered by Gondwana sediments in Godavari graben.
- The plateau is bordered in the west by Deccan Basalts.

MINERAL RESOURCES



- Telangana State has been endowed with varied geology having rich & wide variety of minerals suitable for specific mineral industries.
- The State is a house for various minerals specifically.

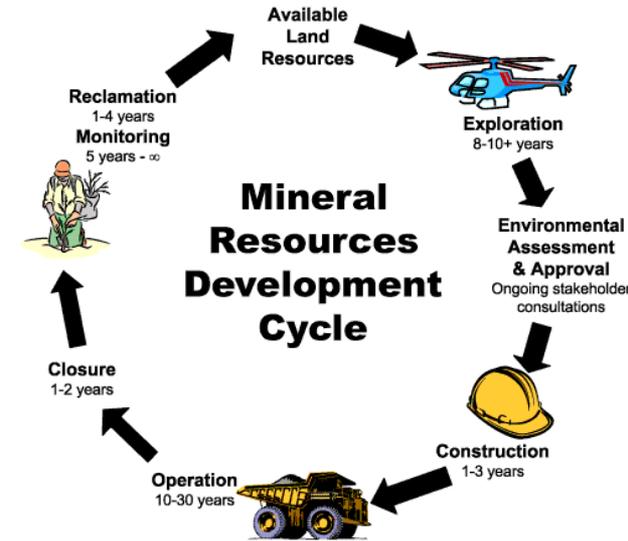
Major Minerals:

- Coal, Sand for Stowing.
- Iron Ore, Manganese Ore, Limestone.
- Quartz, Feldspar, Mica, Barytes

Minor Minerals:

- Dolomite, Laterite, Clays
- Various varieties of Black & Colour Granite, Marble.
- Limestone Slabs, Fullers Earth, Road Metal/Building Stone/Ballast, Gravel/Earth and Ordinary Sand.

- Only State in South India having vast reserves of Coal deposits, being utilized for power generation and industrial purpose.
- Limestone is the other mineral occurring in abundance suitable for cement manufacture.
- Both Public & Private Sectors established large and medium scale mineral based industries.



Mineral Strength of Telangana State



•Focus Minerals

- Coal
- Iron Ore
- Uranium
- Limestone
- Granite

•Export Minerals

- Quartz
- Feldspar
- Granite
- Fullers Earth

•Focus Industries

- Iron Ore
- Cement
- Granite



COAL



- Only State in entire southern India containing vast deposits of Coal mined by M/s. SCC Ltd, a Joint PSU (Coal India Ltd & SCC Ltd). Recently, a Coal block allotted to TS Genco for power generation.
- Coal field areas are extending in Asifabad-Komerambheem, Mancherial, Peddapalli, Khammam, Bhadradi-Kothagudem, Jayashankar-Bhupalpalli and Mulugu Districts.
- Coal of GVCF is non-coking, low grade, high moisture, high ash category and can be used for thermal power generation.
- Average Annual production of Coal : 70 Million Tonnes.
- Estimated reserves -22,054 Million Tonnes (upto a depth of 1200 M)

Scope:

- *Coal demand is expected to increase several folds within the next 5-10 years due to the completion of ongoing coal-based power projects and demand from metallurgical and other industries.*
- *Exploration and Exploitation of Coal blocks is in process by GSI/SCCL*



LIMESTONE

- State is endowed with extensive Limestone deposits in **Adilabad, Mancherial, Peddapalli, Vikarabad, Nalgonda and Suryapet Districts.**
- Total resources around **7,519** Million Tonnes.
- Limestone is consumed in manufacture of cement by 21 cement plants (16 Major and 05 Minor plants) with a capacity of 29.50 MTPA.
- Present cement production @ 60% of the installed capacity.
- Cement plants mostly established during 1985 to 1996 and are near to the mining leases for exploitation.

Scope:

- Need to re-establish viable blocks for future expansion of cement industry.
- State Govt. auctioned 6 Limestone blocks in the State. Also is in process of identification of feasible limestone blocks for exploration and auction.
- State with ample Limestone resources has bright scope to expand.

DIAMOND



- ❖ Diamond bearing rocks Kimberlite & Lamproite reported from Narayanpet Kimberlite Field in Mahabubnagar Dist. as an extension of Raichur Kimberlite Field in Raichur, Karnataka State.
- Narayanpet Kimberlite Field:
 - ❖ (32) bodies discovered by GSI and (29) by Dee Beers.
 - ❖ Madduru–Narayanpet-Gurmitkal area did not yield any Diamond.
 - ❖ Surface samples from Wadegara Kimberlites are reported to contain diamonds.
- Raichur Kimberlite Field:
 - ❖ (3) Kimberlites were discovered by GSI in Siddanahalli area.
- Nalgonda District:
 - ❖ (14) thin lamproite dykes occur in (26) Sq. KM.



Scope for:

Exploration followed by Exploitation.



IRON ORE

- GSI after reassessment identified low grade Iron Ore deposits (Hematite/Magnetite) in Adilabad, Warangal, Mahabubabad, Karimnagar, Khammam, Mancherial and Jagitial Districts.
- Total low grade Iron Ore resources reported by GSI is 175 Million Tonnes.
- Being low-grade, needs beneficiation for enrichment.
- The Iron Ore resources being proposed for reservation to M/s Telangana State Mineral Development Corporation Ltd., State PSU to explore prospects for further exploration, enrichment to be utilized for the proposed Integrated Steel Plant.



MANGANESE

- Low grade Manganese occurrences associated with Penganga group in the Pakhal basin.
- Economically significant deposits found in Jamdapur, Guda, Gotkuri, Pipalkoti, Pipalgoan, Gunjala etc. areas of Adilabad district.
- A total reserves of 1.85 Million Tonnes with 25%-40% Mn content occurs in Adilabad Dist.
- Chiefly used in the manufacture of ferroalloys, dry cells, purifying agent, used in coloring glasses, paints, oil and varnish industry.
- Dept. auctioned one Limestone & Manganese block in Adilabad district.
- Exploration is being taken-up in 10 blocks by GSI/MECL.

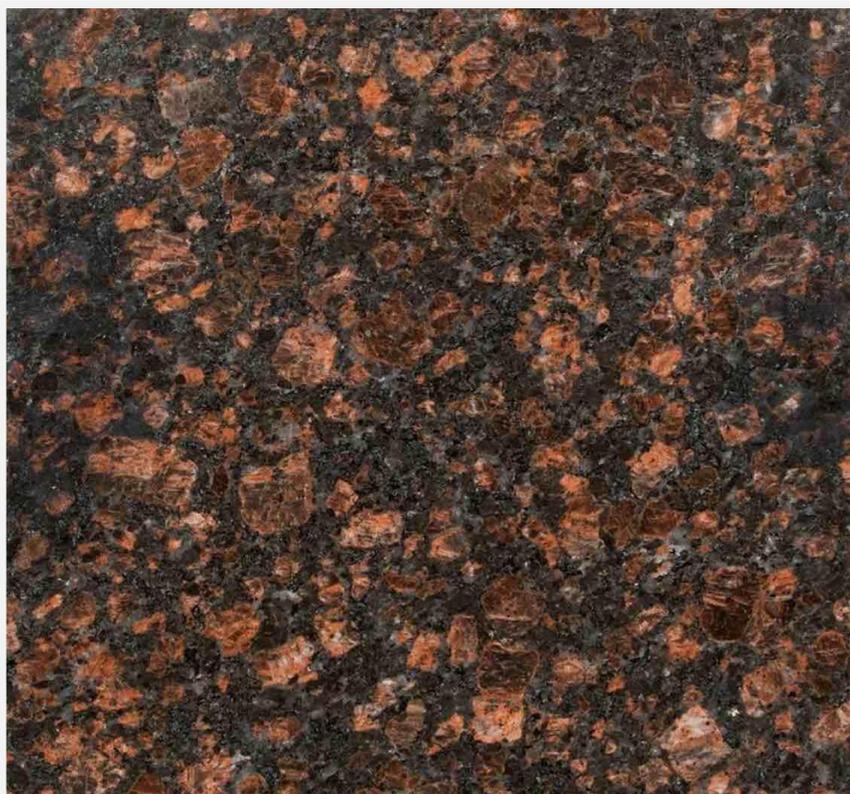


Granite

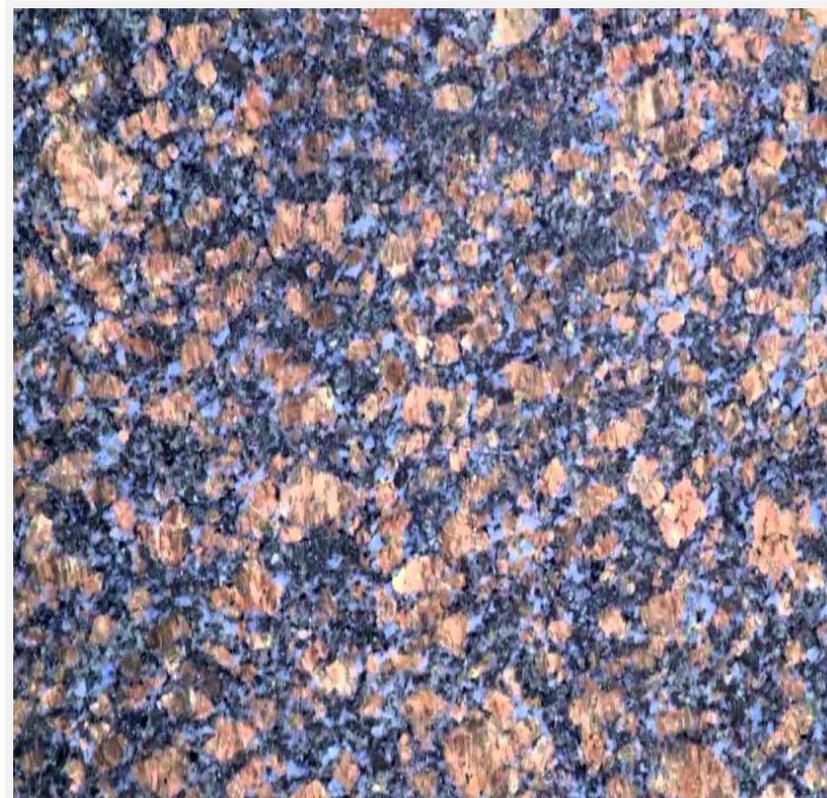


- Variegated variety of Granite is available in the State, used as Dimensional Stone marketed under various commercial names.
- There are 942 leases for Granite useful for cutting & polishing, out of which 569 working and 373 non working leases.
- There are 823 Granite cutting & polishing units in the State registered under slab system.
- Granite concentrated in Karimnagar, Peddapalli, Jagitial, Warangal Urban, Warangal Rural, Mahabubabad, Khammam and Nizamabad Districts.
- Brown Porphyry, Red Rose, Blue Brown and Tan Brown are varieties found in Karimnagar, Peddapalli, Jagitial Districts.
- Black and Sapphire Brown are the varieties of Warangal Urban & Rural, Mahabubabad and Khammam Districts.
- Indian Aurora in Nizamabad District.

Granite – Varieties in Telangana



Commercial Name: Tan Brown
Occurrence : Karimnagar



Commercial Name: Sapphire Brown
Occurrence : Warangal Urban

Granite – Varieties in Telangana



Commercial Name: Coffee Brown
Occurrence : Peddapalli



Commercial Name: Maple Red
Occurrence : Karimnagar

Granite – Varieties in Telangana



Commercial Name: Black Granite
Occurrence : Khammam, Warangal Urgan

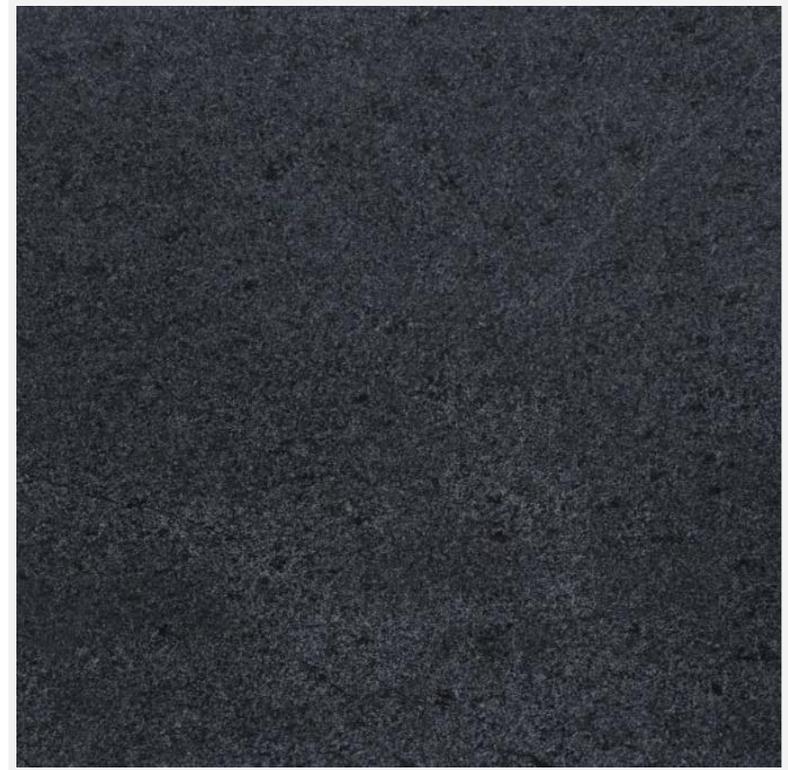


Commercial Name: Dragon Red
Occurrence : Karimnagar

Granite – Varieties in Telangana



Commercial Name: Surf Green
Occurrence : Warangal



Commercial Name: Tiger Black
Occurrence : Nalgonda, Rangareddy

Granite – Varieties in Telangana



Commercial Name: Indian Aurora
Occurrence : Nizamabad

Limestone Slabs – Varieties in Telangana



Limestone Slab : Yellow, Blue Colours
Occurrence : Tandur, Vikarabad



Engineered Stone from Quartz

- Granite is a popular choice for high-end projects that require both durability and style.
 - A variety of natural minerals including quartz, tourmaline, topaz, garnet and titanite contribute to granite's crystalline appearance and stunning look.
- Engineered Stone, on the other hand, is exactly that – engineered
 - Manufactured in a facility and is comprised of about 95 percent natural stone (usually quartz) and 5 percent resin & color pigments.
 - Natural stone crystals are ground and blended together and then heated to create a solid surface.





Quartz

- 97% natural
- Made from quarry waste
- A little less expensive
- Very little radon
- Low maintenance
- Less prone to staining
- Flaws removed for durability

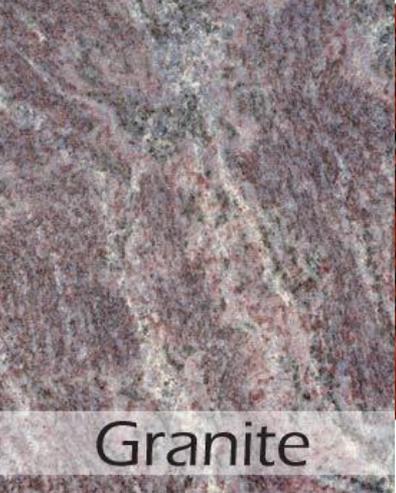


Granite

- 100% natural
- Cut straight from the quarry
- High cost
- Almost no radon
- Needs to be sealed regularly
- Can stain from red wine
- Natural beauty, flaws and all



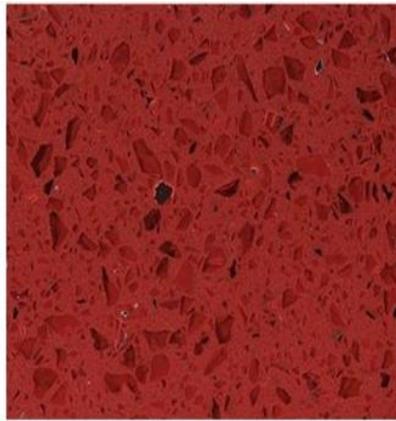
Quartz



Granite



Natural Red Granite



Artificial Red Granite



Quartz used in Engineered Stone



REGULATORY FUNCTIONS

- In the federal structure of India, the State Govts. are the owners of minerals located within their respective boundaries.
- GoI is the owner of the minerals underlying the ocean within the territorial waters upto the Exclusive Economic Zone (EEZ) of India.
- As per entry at Sl.No.23 of List-II (State list) to the Constitution of India states:
 - 'Regulation of mines and mineral development subject to the provisions of List-I with respect to regulation and development under the control of the Union.'
- As per entry at Sl.No.54 of List-I (Central list) to the Constitution of India states:
 - 'Regulation of mines and mineral development to the extent to which such regulation and development under the control of the Union is declared by Parliament by law to be expedient in the public interest.'
- As per entry at Sl.No.54 of List-I, the Central Government have framed Mines & Minerals (Development and Regulation) (MMDR) Act, 1957 as Central Act No. 67 of 1957.

- Govt. of India announced **Mines & Minerals (Development & Regulation) Amendment Act 2015"**
 - Aimed towards removing delays & ensuring simpler, quicker process for granting of mineral concessions.
 - **Auction** of mines to enhance transparency in mineral allocations.
 - Aims at development of backward areas through mining projects and bringing those areas into mainstream society.
 - All mining leases granted prior to Act 2015, period of lease valid for 50 yrs.
 - All existing mining leases, extended for 50 yrs.
 - On expiry, mining leases shall be put for auction.
 - Attracting private investment & latest technology.

Prominent Mineral Based Industries

MBI	Resources	Existing Industries	Potential to setup Industries
Iron Ore	162 Million Tonnes (Resource)	15 Sponge Iron Plants	Ore Beneficiation, Pelletization units
Manganese	1.85 Million Tonnes	-	Ferro-alloys, Batteries etc
Lime Stone	7519 Million Tonnes	21 Cement plants	Cement Units
Quartz & Feldspar	Not estimated	79 Pulverizing Units	Glass, Ceramic etc.
Coal	22054 Million Tonnes upto a depth of 1200 M.	Thermal Power Plants	Coal Washeries, Energy based Inds. etc.
Black & Multi Color Granite	NE	823	Stone Cutting & Polishing units
Limestone Slabs	NE	183	Slab Cutting & Polishing units
Manufacture Sand	NE	74	Manufactured Sand units (alternative to River Sand)
Ready Mix Plants	NE	125	To meet demand in construction industry
Stone crushers	NE	538	

**DISTRICT-WISE MINERAL
DISTRIBUTION & SCOPE FOR
ESTABLISHMENT OF MBIs**

MINERAL OCCURRENCE & SCOPE FOR ESTABLISHMENT OF INDUSTRY

Sl. No	District	Mineral Resources	Scope for MBIs
1	Adilabad	Manganese Ore, Laterite, Road Metal, Gravel/Morrum, Ordinary Earth.	Cement and ferro-alloys industries, stone crushing units etc.
2	Mancherial	Coal, Lime Stone, Stowing Sand, Dolomite, Granite, Road Metal, Gravel, Ordinary Earth, Ordinary Sand.	Power plants based on Coal, Coal washeries, Cement Plants, Fly Ash Units, Ceramic Industry, Stone crushing units etc.
3	Nirmal	Quartz , Road Metal, Gravel/Morrum, Ordinary Earth.	Stone crushing units etc.
4	Asifabad-Komerambheem	Coal, Lime Stone, Sand Stone, Road Metal, White Clay, Gravel/Morrum, Ordinary Earth.	Power plants based on Coal, Coal washeries, Fly Ash Units, Ceramic Industry, Stone crushing units etc.
5	Karimnagar	Granite, Road Metal, Gravel/Morrum, Ordinary Earth, Ordinary Sand.	Granite cutting & polishing units, Stone crushing units etc.
6	Jagityal	Iron Ore, Manganese, Limestone, Quartz, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Granite cutting & polishing units, Stone crushing units etc.
7	Peddapalli	Coal, Limestone, Iron Ore, Stowing Sand, Granite, Road Metal, Gravel/Morrum, Ordinary Earth, Ordinary Sand.	Power plants based on Coal, Coal washeries, Cement Plants, Fly Ash Units, Ceramic Industry, Stone crushing units etc.
8	Rajanna-Sircilla	Granite, Road Metal, Gravel/Morrum, Ordinary Earth, Ordinary Sand.	Granite cutting & polishing units, Stone crushing units. etc.

Sl. No	District	Mineral Resources	Scope for MBIs
9	Nizamabad	Granite, Feldspar, Quartz, Road Metal, Gravel/Morrum, Ordinary Earth, Ordinary Sand.	Granite cutting & polishing units, pulverizing units, Stone crushing units etc.
10	Kamareddy	Quartz & Feldspar, Laterite, Road Metal, Gravel/Morrum, Ordinary Earth, Ordinary Sand.	Granite cutting & Polishing units, Stone crushing units, pulverizing units etc.
11	Warangal Urban	Quartz, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Granite cutting & polishing units, Manufactured sand units, Stone crushing units etc.
12	Warangal Rural	Laterite, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Granite cutting & polishing units, Manufactured sand units, Stone crushing units etc.
13	Jayashankar-Bhupalpalli	Coal, Stowing Sand, Dolomite, Laterite, Granite, Road Metal, Gravel/Morrum, Ordinary Earth, Sand.	Power plants based on Coal, Coal Washeries, Fly ash units, Stone crushing units etc.
14	Jangaon	Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Granite cutting & polishing units, Stone crushing units etc.

Sl. No	District	Mineral Resources	Scope for MBIs
15	Mahabubabad	Iron Ore, Barytes, Kaolin, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Granite cutting & polishing units, Stone crushing units etc.
16	Khammam	Coal, Iron Ore, Mica, Dolomite, Corundum, Barytes, Quartz, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Power plants based on Coal, Coal washeries, Fly Ash Units, Granite cutting & polishing units, Stone crushing units etc.
17	Bhadradri - Kothagudem	Coal, Garnet, Stoving Sand, Marble, Calcite, Laterite, Quartz, Feldspar, Road Metal, Gravel/Morrum, Ordinary Earth, Ordinary Sand.	Sponge-Iron Units, Coal based thermal power plants, Coal Washeries, Stone crushing units, Pulverizing units etc.
18	Medak	Quartz, Feldspar, Road Metal, Gravel/Morrum, Ordinary Earth.	Manufacture Sand units, Glass industries, Pulverizing units, Stone crushing units etc.
19	Sangareddy	Quartz, Laterite, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Ceramic Industry, Granite cutting & polishing units, Manufactured sand units, Stone crushing units, Pulverizing units etc.

Sl. No	District	Mineral Resources	Scope for MBIs
20	Siddipet	Granite, Metal, Gravel/Morrum, Ordinary Earth.	Granite cutting & polishing units, Manufacture Sand units, Stone crushing units etc.
21	Mahabubnagar	*Gold, *Diamond, Quartz, Feldspar, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Manufacture Sand units, Stone crushing units, Granite cutting & polishing units, Glass industry etc.
22	Wanaparthy	Quartz, Feldspar, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Quartz & Feldspar pulverizing units, Manufactured sand units, Stone crushing units etc.
23	Nagarkurnool	Quartz, Feldspar, Road Metal, Gravel/Morrum, Ordinary Earth.	Manufactured sand units, Glass industries, Pulverizing units, Stone crushing units.
24	Jogulamba-Gadwal	Limestone, Quartz, Feldspar, Granite, Road Metal, Gravel/Morrum, Ordinary Earth, Sand.	Stone crushing units, Pulverizing units, Granite cutting & polishing crushing units etc.
25	Nalgonda	Limestone, *Gold, *Diamond, Quartz, Feldspar, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Ceramic Industry, Granite cutting & polishing units, Manufacturing sand units, Stone crushing units, Pulverizing units etc.

Sl. No	District	Mineral Resources	Scope for MBIs
26	Suryapet	Limestone, *Gold, *Diamond, Quartz, Feldspar, Road Metal, Gravel/Morrum, Ordinary Earth.	Granite cutting & polishing units, Manufactured sand units, Stone crushing units etc.
27	Yadadri	Quartz, Feldspar, Granite, Amythist, Road Metal, Gravel/Morrum, Ordinary Earth.	Granite cutting & polishing units, Manufactured sand units, Stone crushing units etc.
28	Vikarabad	Lime Stone, Laterite, Quartz, Feldspar, Fullers Earth, Limestone Slabs, Road Metal, Gravel, Ordinary Earth.	Cement plants, Limestone, Granite cutting & polishing units, Quarts/Feldspar/Fullers Earth Pulverizing units etc.
29	Medchel-Malkajgiri	Quartz , Feldspar, Road metal, Gravel/Morrum, Ordinary Earth.	Manufactured sand units, Glass industries, Pulverizing units, Stone crushing units etc.
30	Rangareddy	Quartz, Feldspar, Granite, Road Metal, Gravel/Morrum, Ordinary Earth.	Ceramic industry, Granite cutting & polishing units, Manufactured sand units, Stone crushing units, Pulverizing units.
31	Mulugu	Iron Ore, Laterite, Dolomite, Road Metal, Gravel/Morrum, Ordinary Earth, Sand.	Stone crushing units, Chemical industry etc.
32	Narayanpet	Quartz & Feldspar, Road Metal, Gravel/Morrum, Ordinary Earth.	Pulverizing units, Glass industry, Stone crushing units etc.

**ACTIVITIES
OF
MINES AND GEOLOGY
DEPARTMENT**

ACTIVITIES OF MINES AND GEOLOGY DEPARTMENT

- The aim of the Department is to serve as a guiding force to translate the State's mineral potential into reality with the objectives of eco-friendly and sustainable mining.
- The Department entrusted with both promotional and regulatory functions for overall development of Mineral Sector and collection of mineral revenue to the State Exchequer.
- Promotional – Survey, Mineral Investigation, Exploration for evaluation of Mineral Deposits.
- Regulation – Auction of Mineral Concessions (Major & Minor Minerals).
Grant of leases for Minor Minerals, Approval of Mine Plans, Inspection of Mines, Curbing of illicit Mining and Transportation, Vigilance, Monitoring of Mineral Production, Survey & Demarcation of areas, Mineral Revenue Collection and Dissemination of Mineral Information.

DEPARTMENT SET-UP:

- Directorate at Hyderabad headed by the Director of Mines & Geology.
- (3) Regional offices headed by Deputy Director of Mines & Geology at Warangal, Hyderabad and Nizamabad.
- (32) District offices headed by Assistant Directors of Mines & Geology in each district except Hyderabad District.
- **District offices in Warangal Region** – Karimnagar, Peddapalli, Jagtial, Rajanna-Sircilla, Khammam, Bhadradi-Kothagudem, Hanumakonda, Warangal, Jayashankar-Bhupalpalli, Jangoan, Mahabubabad and Mulugu.
- **District offices in Hyderabad Region** – Rangareddy, Vikarabad, Medchal-Malkajgiri, Nalgonda, Suryapet, Yadadri, Mahabubnagar, Nagarkurnool, Wanaparthy, Jogulamba-Gadwal and Narayanpet.
- **District offices in Nizamabad Region** – Adilabad, Mancheri, Nirmal, Asifabad-Komerambheem, Nizamabad, Kamareddy, Medak, Sangareddy and Siddipet.

Director of Mines and Geology

Joint Director of Mines & Geology

DDM&G, Hyderabad

ADM&G.,
Rangareddy

ADM&G., Medchal-
Malkajiri

ADM&G.,
Vikarabad

ADM&G.,
Mahabubnagar

ADM&G.,
Nagarkurnool

ADM&G.,
Wanaparthy

ADM&G.,
Narayanpet

ADM&G.,
Jogulamba-Gadwal

ADM&G., Nalgonda

ADM&G., Suryapet

ADM&G., Yadadri-
Bhongir

DDM&G, Nizamabad

ADM&G.,
Adilabad

ADM&G., Nirmal

ADM&G.,
Mancherial

ADM&G.,
Komrambheem-
Asifabad

ADM&G.,
Nizamabad

ADM&G.,
Kamareddy

ADM&G., Medak

ADM&G.,
Siddipet

ADM&G.,
Sangareddy

DDM&G, Warangal

ADM&G.,
'Karimnagar'

ADM&G.,
Peddapalli

ADM&G., Jagityal

ADM&G., Rajanna-
Sircilla

ADM&G., Warangal

ADM&G.,
Mahabubabad

ADM&G.,
Hanamkonda

ADM&G., Jangaon

ADM&G.,
Jayshankar-
Bhupalpalli

ADM&G., Mulugu

ADM&G.,
Khammam

ADM&G.,
Bhadradri-
Kothagudem

Cadre Strength

Sl. No.	Category	Sanctioned post	Present Strength	Vacancies
1	Technical	183	99	84
2	Administrative	167	115	52
3	Drilling	13	2	11
	Total	363	216	147

- Out of 216 present working strength, 8 office subordinate are working as Junior Assistant on supernumerary post.
- The Government issued orders for filing of (46) Technical Assistant Posts through Public Service Commission.
- The Department initiated for filing of other vacant technical posts through Departmental Promotion Committee (DPC) i.e. Deputy Director of Mines & Geology, Assistant Director of Mines & Geology, Assistant Geologist, Royalty Inspectors.

BUDGET

Rs. In Lakhs

Budget allotment 2025-26			Expenditure upto January 2026		
Head Office	District Offices	Total	Head Office	District Offices	Total
997.71	2623.09	3620.80	740.91	1985.08	2725.99

REGULATORY FUNCTIONS

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 - All existing mining leases, extended for 50 yrs.
 - On expiry, mining leases shall be put for auction.
 - Attracting private investment & latest technology.

Major Minerals:

- As per the MMDR Amendment Act, 2015 a Mining Lease or Composite License shall be allotted through Auction as per Mineral (Auction) Rules, 2015 after resource evaluation of mineral deposit as prescribed under Minerals (Evidence of Mineral Contents) Rules, 2015 depending upon the stage of exploration.
- Exploration agencies for Major Minerals are
 - Geological Survey of India (GSI)
 - Mineral Exploration Consultants Limited (MECL-A GoI PSU)
 - Telangana Mineral Development Corporation Limited (TGMDC Ltd.)
-

Minor Minerals:

- Mineral Concession for Quarry Leases was previously through first-cum-first serve basis.
- State Govt. made amendment to TMMC Rules, 1966 w.e.f., 01.04.2022 for grant of quarry leases through Auction with embedded clearances in Govt. lands.

Processing and Grant of Leases

S. No	Category of Mineral	Minerals	Method of allotment	Act/Rules
Major Minerals				
1	Notified Mineral	Bauxite, Iron Ore, Limestone & Manganese	Through e-Auction.	As per MMDRA Act, 2015/Mineral (Auction) Rules, 2015/
2	Other than notified Mineral Barytes, Quartz, Feldspar, Mica Limestone	All minerals other than Part-A/Part-B and Notified minerals. As per Notification No.S.O.No.924(E), dt.20.02.2025 declared as major minerals. All type of mineral Limestone used in Klins for manufacture of Limes used as building material declared as major minerals vide Notification No.GSR.No.751(E), dt.10.10.2025.	Through e-Auction.	MC Rules, 2016 through Auction. ML/CL granting authority is State Govt. Lease period 50 years.
Minor Minerals				
3	31 Minerals	Laterite, Clay, Gypsum, Dolomite, Silica sand, Quartzite etc.	Through Auction w.e.f.01.04.2022 vide G.O.Ms. No.26, dt.31.03.2022.	Rule 12 & 12(5) of TMMC Rules 1966. Granting Authority - DM&G Lease period 20 years.
4	Granite & Marble	Black & Colour Granite & Marble		Rule 13 of TMMC Rules 1966. Granting Authority - DDM&G Lease period 20 years.
5	Existing Minor Minerals	Fullers Earth, Road Metal/Building Stone/Ballast, Gravel/Earth etc.		Telangana Sand Mining Rules, 2015.
6	Ordinary sand	Ordinary sand	TGMDC.	

Mineral wise Leases

Sl. No.	Mineral	No. of Leases	Working	Non-working
Major Minerals				
1	Coal	38	38	0
2	Limestone	40	30	10
3	Stowing Sand	6	3	3
4	Manganese Ore	7	2	5
5	Iron Ore	1	0	1
6	Garnet	2	0	2
7	Quartz & Feldspar	169	118	51
8	Barytes	2	2	0
	Total Major Mineral	265	193	72
Minor Minerals				
9	Granite	942	569	373
10	Stone & Metal	776	638	138
11	Laterite	147	111	36
12	White Clay	10	4	6
13	Mosaic Chips	15	13	2
14	Limestone Slabs	67	64	3
15	Dolomite	19	9	10
16	Fullers earth	44	29	15
17	Gravel	11	9	2
	Total Minor Mineral	2031	1446	585
	Grand Total	2296	1639	657

District wise Leases

Sl. No.	District	Working	Non-working	Total Leases
1	Karimnagar	237	67	304
2	Khammam	136	70	206
3	Vikarabad	156	48	204
4	Mahabubabad	60	115	175
5	Suryapet	96	38	134
6	Hanumakonda	104	19	123
7	Sanga Reddy	83	28	111
8	Rangareddy	64	32	96
9	Yadadri-Bhongir	67	11	78
10	Nalgonda	54	19	73
11	Jagityal	56	13	69
12	Nagarkurnool	38	28	66
13	Peddapally	50	19	69
14	Mulugu	51	12	63
15	Mahabubnagar	57	5	62
16	Warangal	41	11	52
17	Nizamabad	36	12	48
18	Wanaparthy	34	14	48

District wise Leases

Sl. No.	District	Working	Non-working	Total Leases
19	Rajanna-Sircilla	19	20	39
20	Janagaon	19	19	38
21	Narayanpet	22	7	29
22	Medak	23	4	27
23	Kama Reddy	22	4	26
24	Badradri-Kothagudem	7	8	15
25	Adilabad	10	14	24
26	Siddipet	24	0	24
27	Kumram Bheem Asifabad	11	9	20
28	Mancherial	22	3	25
29	Nirmal	13	4	17
30	Medchal-Malkajgiri	17	0	17
31	Jayashankar	7	4	11
32	Jogulamba-Gadwal	3	0	3
	Total	1639	657	2296

MINERAL REVENUE

Revenue Collections

(Rs. in Crores)

Period	Coal	Major Mineral	Minor Mineral	Sand	Total	Total without Coal	Year on Year %
FY 2020-21	1,421	200	1,209	784	3,614	2,193	
FY 2021-22	250	246	1,084	802	2,382	2,132	-3
FY 2022-23	5,135	231	1,582	745	7,694	2,558	20
FY 2023-24	2,900	213	1,654	674	5,440	2,541	-1
FY 2024-25	2,961	217	1,592	748	5,518	2,557	1

Budget Estimates – Mineral Revenue Targets FY 2025-26

BE 2025-26	Mines			Sand
	Major	Minor	Total	
7585.14	3785.00	2600.14	6385.14	1200

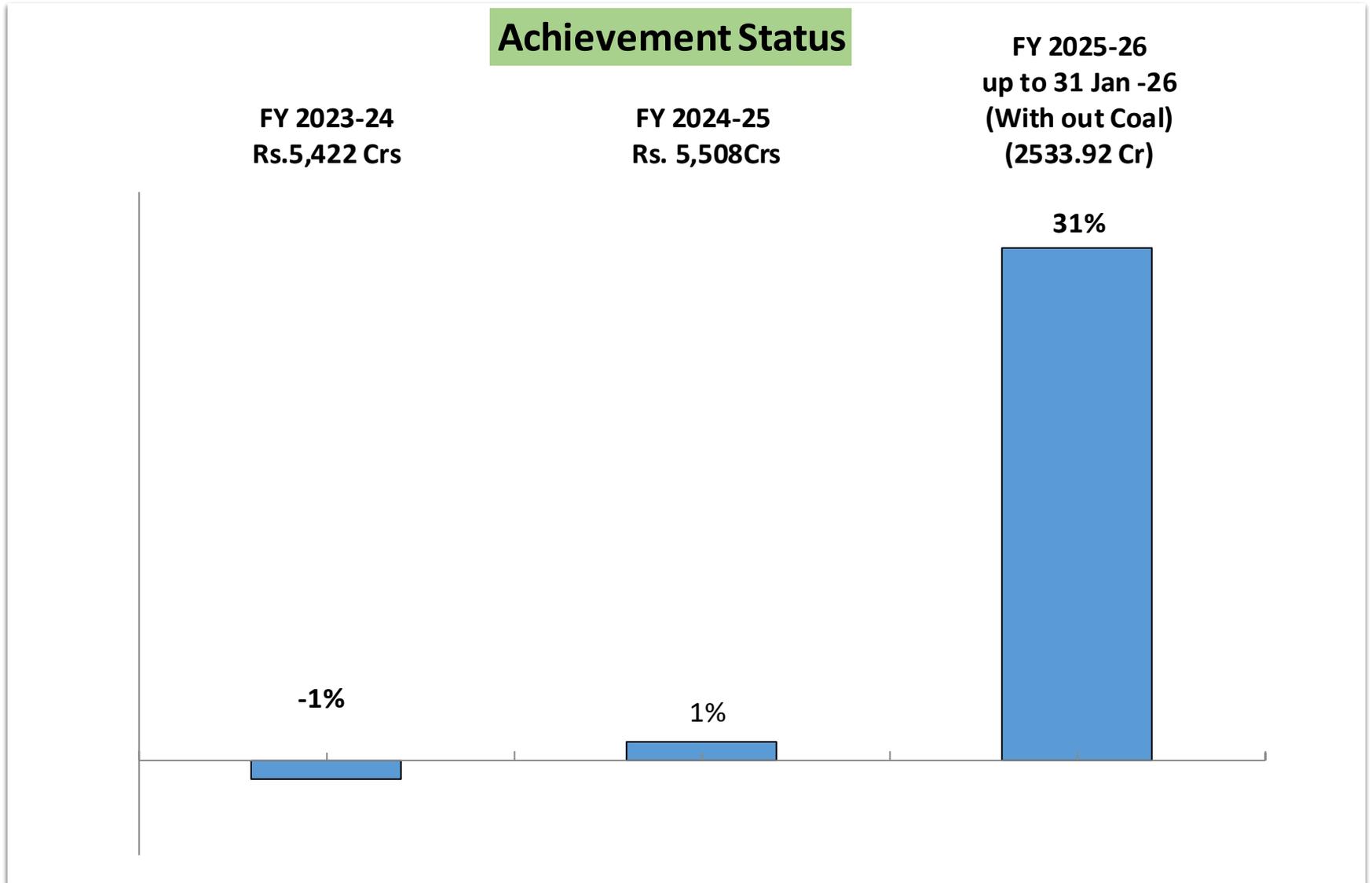
Note: The Department committed to achieve Rs.6500 Cr for the FY 2025-26 during the review meeting with Hon'ble Chief Minister/Deputy Chief Minister.

Mineral wise Revenue Contribution

Rs. In Cr.

S.No	Mineral	Revenue FY 2024-25	% of Contribution
1	Black Granite	62	4
2	Colour Granite	179	12
3	Road Metal	787	51
4	Gravel	216	14
5	Fullers Earth	15	1
6	Laterite	123	8
7	Limestone Slabs	2	0
8	Others	152	10
	Total	1536	

Mineral Revenue Target for 2025-26 (Rs.6500 Crs)



Mineral Revenue Collections up to 31st January, 2026

(Rs. In Cr)

Sl. No.	Description	2024-25 (31.01.2025)	2025-26 (upto 31.01.2026)	Growth %
		Achievement	Achievement	
I.	Major Minerals (Without Coal)	168.78	197.68	17
II	Minor Minerals	1171.91	1585.69	35
III	Sand	591.55	750.55	27
Total		1932.24	2509.26	31

Comparative Mineral Revenue upto 31st January with Coal

(Rs. In Cr)

Sl. No.	Description	2024-25 (upto 31 st January, 2025)	2025-26(upto 31 st January, 2026)			Growth %
		Achmnt	Target	Achmnt	% of Achmnt	
I	Coal	2960.69	2875.00	1489.25	52	-50
I.	Major Minerals	168.78	261.30	197.68	76	17
II	Minor Minerals	1171.91	2028.11	1585.69	78	35
III	Sand	591.55	936.00	750.55	80	27
Grand Total		4892.92	6100.41	4023.17	66	-18

Action Plan for FY 2025-26

S. No	Description	Action plan for FY 2025-26 (Rs in Cr)	Achieved upto 31 st Jan, 2026
1	Major Minerals:		
1.1	Coal	3000	1489.25(as per actuals)
1.2	Revenue from existing Major Minerals leases	220	195.76
1.3	Auction of Major Minerals	60	Conducted auction for 2 Limestone blocks as Mining Leases on 28th & 29th January, 2026.
1.4	Cess on Mineral Bearing Lands (MBL)	20	1.92
2	Minor Minerals		
2.1	Revenue from existing Quarry Leases	1700	1286.07
2.2	Auction of Minor Minerals	200	69.24 In Phase-4 auctions, the Dept. issued NIT on 30.12.2025 for 11 minor mineral blocks for auction.
2.3	Revision of Rates of Seigniorage Fee (addl.)	100	52.36
2.4	Addl. Revenue from assessment of mineral processed in stone crushing units based on power consumption	50	Govt. issued stone crusher rules vide G.O.Ms No.26, dt.01.11.2025. Rs.2.69 Cr on Stone Crusher Registrations
2.5	Recovery under One Time Settlement (OTS)	70	50.33
2.6	Proposed increase in Environment Impact Fee (EIF)	40	95.68
2.7	Additional revenue from online Slab System	40	29.32
3	Sand Sale Proceeds	1000	750.55
	TOTAL	6500	4023.17

Month wise Mineral Revenue collections for FY 2025-26 (upto 31st Jan'2026) is Rs.4023.17 Cr

(Rs. In Cr)

Sl. No.	Month	Major Mineral	Minor Mineral	Sand	Total
1	April'25	14.04	159.09	80.30	253.43
2	May'25	18.60	126.17	88.17	232.94
3	June'25	21.07	146.47	102.10	269.64
4	July'25	20.48	131.19	68.51	220.18
5	Aug'25	20.71	158.84	54.69	234.24
6	Sep'25	1295.77	140.51	44.58	1480.87
7	Oct'25	21.60	177.38	62.80	261.78
8	Nov'25	17.43	174.50	77.48	269.41
9	Dec'25	20.75	183.92	91.16	295.83
10	Jan'26	236.49	187.62	79.47	503.58
Total		1686.94	1585.69	750.55	4023.17

District wise Mineral Revenue collections for FY 2025-26 (upto 31st Jan'2026)

(Rs. In Cr)

Sl. No.	District	Major Mineral Revenue	Minor Mineral Revenue	Total
1	Rangareddy	5.15	198.51	203.66
2	Sanga Reddy	0.03	183.51	183.54
3	Karimnagar	0.00	176.14	176.14
4	Suryapet	102.71	38.66	141.37
5	Vikarabad	21.76	101.48	123.23
6	Khammam	0.30	110.95	111.26
7	Medchal-Malkajgiri	0.00	82.55	82.55
8	Yadadri-Bhongir	0.04	82.39	82.44
9	Nalgonda	14.58	56.82	71.39
10	Mahabubabad	0.00	39.95	39.95
11	Hanumakonda	0.07	36.60	36.67
12	Mancherial	30.09	5.62	35.71
13	Mulugu	0.01	35.26	35.27
14	Nizamabad	0.00	31.93	31.93
15	Mahabubnagar	4.88	26.65	31.53
16	Nagarkurnool	3.07	26.86	29.93
17	Siddipet	0.00	24.23	24.23
18	Jogulamba-Gadwal	0.00	20.28	20.28

District wise Mineral Revenue collections for FY 2025-26 (upto 31st Jan'2026)

(Rs. In Cr)

Sl. No.	District	Major Mineral Revenue	Minor Mineral Revenue	Total
19	Warangal	0.00	18.66	18.66
20	Peddapally	3.44	14.91	18.35
21	Rajanna-Sircilla	0.22	17.10	17.32
22	Adilabad	0.04	16.52	16.56
23	Jagityal	0.00	15.97	15.97
24	Janagaon	0.00	15.61	15.61
25	Medak	1.31	13.23	14.54
26	Kama Reddy	0.02	14.33	14.35
27	Badradi Kothagudem	0.01	13.10	13.11
28	Narayanpet	0.53	10.59	11.12
29	Jayashankar	0.04	10.02	10.06
30	Nirmal	0.00	9.03	9.03
31	Wanaparthy	1.19	7.48	8.67
32	Kumram Bheem Asifabad	0.00	4.70	4.70
	Sub TOTAL	189.50	1459.63	1649.13
	COAL	1489.25	0.00	1489.25
	*Cess on Others	8.18	2.41	10.59
	ARM(HMDA-EIF)	0.00	123.65	123.65
	SAND (TSMDC Sale proceeds)	0.00	750.55	750.55
	TOTAL	1686.93	2336.24	4023.17
*ARM-Additional Resource Mobilization.				

**MINERAL REVENUE ACHIEVED FROM 2004-05 TO 2013-14
ON MINING AND SAND**

Rs in Crores

S. No	Year	Total mineral revenue	Mineral Revenue Achievement	
			From Mining Dept.	From Sand
1	2004-05	846.53	846.53	0.00
2	2005-06	1075.3	1075.30	0.00
3	2006-07	780.20	780.20	0.00
4	2007-08	928.72	927.76	0.96
5	2008-09	1041.09	1032.67	8.42
6	2009-10	1101.88	1092.35	9.53
7	2010-11	1285.86	1283.91	1.95
8	2011-12	1400.98	1393.06	7.92
9	2012-13	1780.87	1769.99	10.88
10	2013-14	1807.00	1807.00	0.00
	TOTAL	12048.43	12008.77	39.66

MINERAL REVENUE ACHIEVED FROM 2014-15 TO 2024-25 ON MINING AND SAND

Rs in Crores

Year	Total mineral revenue	Mineral Revenue Achievement	
		From Mining Dept.	From Sand
2014-15	1968.26	1958.20	10.06
2015-16	2369.72	1994.73	374.99
2016-17	3155.60	2735.69	419.91
2017-18	3622.81	3026.03	596.78
2018-19	4660.48	3962.42	698.06
2019-20	3484.67	2816.96	667.71
2020-21	3494.74	2828.87	665.87
2021-22	2302.89	1579.44	723.45
2022-23	7664.66	6948.21	716.45
2023-24	5420.96	4766.38	654.58
2024-25	5507.72	4769.47	738.25
TOTAL	55700.95	49395.17	6305.78

Mineral Production

Major Minerals				
S.No.	Mineral	Units	FY 2024-25	FY 2025-26 (upto 31.01.2026)
1	Coal	Tonnes	6,51,80,828	5,16,40,684
2	Lime Stone	Tonnes	2,37,79,509	2,19,50,476
3	Quartz	Tonnes	13,20,324	8,99,143
4	Feldspar	Tonnes	5,89,407	4,52,293
5	Stowing Sand	Tonnes	4,23,569	4,30,298
6	Manganese Ore	Tonnes	5,835	2,964
7	Barytes	Tonnes	2,800	1,400
Minor Minerals				
S.No.	Mineral	Units	FY 2024-25	FY 2025-26 (upto 31.01.2026)
1	Road Metal	Tonnes	8,43,37,657	6,62,54,203
2	Gravel / Earth	Tonnes	8,05,27,428	5,06,46,266
3	Ordinary Sand	Tonnes	1,82,50,000	1,81,00,608
4	Laterite	Tonnes	51,15,420	37,50,848
5	Colour Granite	Tonnes	19,21,386	17,46,558
6	Dolomite	Tonnes	6,03,343	5,51,039
7	Fuller's Earth	Tonnes	3,82,808	2,62,506
8	Black Granite	Tonnes	8,01,902	6,65,375
9	Mosaic Chips	Tonnes	1,40,437	1,03,643
10	Limestone Slabs	Tonnes	83,535	1,00,161
11	White Clay	Tonnes	12,650	5,600
12	Shale	Tonnes	14,000	5,000

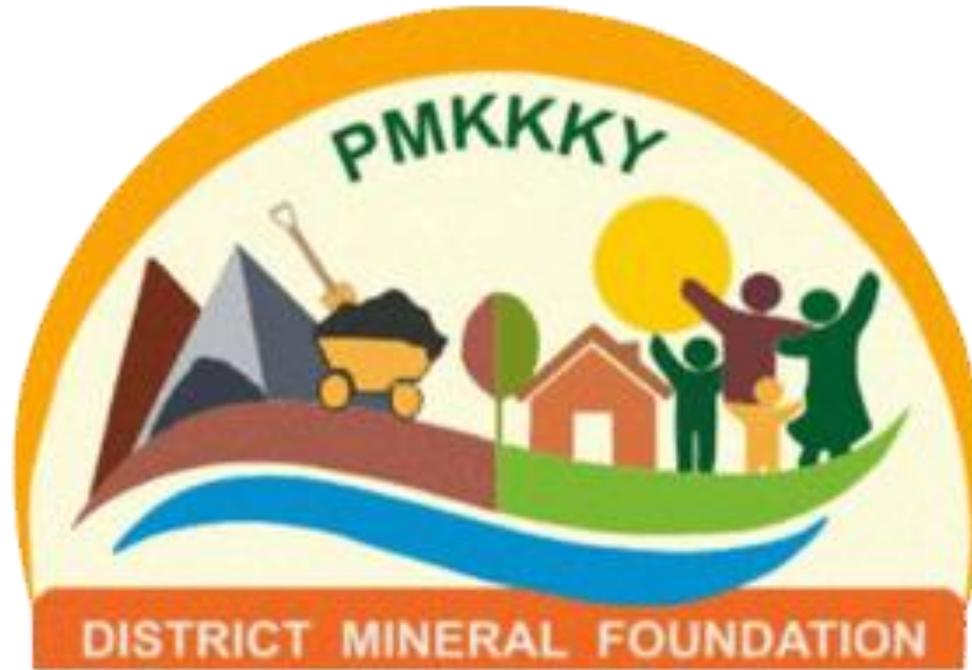
VIGILANCE

Redressal of grievances:

- The complaints/petitions received by the District and Regional offices, from general public pertaining to illegal mining/quarrying and transportation of minerals will be enquired and action taken.
- All complaints/grievances received by the Directorate will be referred to the District officers to take-up inspection, conduct enquiry and redressed under intimation to the Regional Dy. Directors in a time-bound manner.

CASES BOOKED AND PENALTY REALIZED ON ILLEGAL MINING/QUARRYING & TRANSPORTATION

Sl. No.	Year	No. of Cases Booked	Penalty Realized (Rs. In Crores)
1	2014-15	2217	4.58
2	2015-16	4116	9.43
3	2016-17	4918	9.66
4	2017-18	5817	12.36
5	2018-19	6630	9.15
6	2019-20	7254	11.71
7	2020-21	5620	8.20
8	2021-22	5700	10.18
9	2022-23	9520	15.69
10	2023-24	8824	12.92
11	2024-25	8344	15.25
12	2025-26 (upto Jan'26)	4447	7.56
	Total	73407	126.69



NON-TREASURY REVENUE from DMF, NMET and SMET

DISTRICT MINERAL FOUNDATION(DMF)

- As per the MoM, GoI Notification No.GSR 715(E), dated 17.09.2015 under Section 9B and Section 15 of MMDR Amendment Act, 2015, the State Govt. shall establish a trust, a non-profitable body – District Mineral Foundation Trust w.e.f. 12.01.2015 in mining affected districts.
- The State Govt. issued notification vide G.O.Ms.Nos.3, 4 & 5, dated 20.01.2016 duly incorporating the provisions of PMKKKY Scheme with focus on welfare measures in the mining/mining-related areas which includes **high priority plans** such as drinking water supply; health care; education; welfare of women; children; aged and disabled people; and **other priority plans** such as physical infrastructure and renewable energy.
- Subsequently, the State Govt. issued amendment orders vide G.O.Ms. No.38, Ind. & Comm., Dept., dated 31.05.2018 simplifying the procedures for identification of affected areas and implementation of welfare Schemes/projects specified under Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY) in an effective manner.

DISTRICT MINERAL FOUNDATION(DMF)

- **Contribution:**
- **Major Minerals:**
 - a) ML/PL-cum-ML granted on or after 12.01.2015 – 10% on the royalty.
 - b) MLs granted before 12.01.2015 – 30% on the royalty.
- **Minor Minerals:**
 - a) Quarry Leases through processing of MC applications – 30% on S.Fee.
 - b) *Govt. Engineering Consuming Dept. – 30% on S.Fee.

Upto 31.03.2018 it was 10% on Seg. Fee. But, all new agreement entered by Govt. Depts. for execution of civil works from 01.04.2018 it shall be 30% on Seg. Fee.
 - c) Granite & Limestone Slab cutting & polishing units under Slab System – **20%** on S.Fee.
 - d) DMF for grant of quarry leases through auction is 10% on S.Fee.
- **Collections:** Rs.6987.41 Crores collected under DMF upto December, 2025.

DMF COLLECTION

Rs In Crores

Mineral	PERIOD	DEMAND	COLLECTION	BALANCE
Coal	20.10.2015 to 31.12.2025	6216.26	4607.11	1609.15
Non-Coal	17.09.2015 to 31.12.2025	2387.18	2380.30	6.88
	TOTAL	8603.44	6987.41	1616.03

Note: As per Hon'ble Supreme Court Judgment dated 13.10.2017 DMF shall be collected on Coal from 20.10.2015 and Non-Coal minerals from 17.09.2015 based on the notification issued by the Ministry of Coal and Ministry of Mines respectively.

- Implementation of welfare schemes under PMKKKY started in (32) Districts (**80732**) schemes/projects at a cost of **Rs.7155.60** Crores and spent Rs **4845.02** Crores upto December, 2025.
- DMF Telangana Web Portal is developed and implemented. Given Logins to all District Collectors to update from time to time.
- Disseminate information on the development activities, welfare schemes/programs taken-up in the mining effected areas by the District Administration including the success stories through District Mineral Foundation funds.

NATIONAL MINERAL EXPLORATION & DEVELOPMENT TRUST (NMEDT)

As per Section 9C of MMDR Amendment Act, 2015, a National Mineral Exploration Trust, a non-profit body was established by the Govt. of India by the Gazette No.633E, dt:14.08.2015.

Govt. of India amended the name from National Mineral Exploration Trust to NMEDT.

Objective: To use the fund accrued to the trust for the purpose of regional and detailed exploration of major mineral deposits.

Funding: 2% contribution on Royalty from the mining lease holders w.e.f. 12.01.2015. Enhanced from 2% to 3% w.e.f.01.09.2025.

Collections: Rs.294.26 Crores as on 31.01.2026 towards NMEDT Fund.



STATE MINERAL EXPLORATION TRUST (SMET)

- Under Section 15(1A) (g) of the MMDR Act, 1957 the State Govt. established State Mineral Exploration Trust, a Trust as a non-profit body on the lines of NMET through notification issued vide G.O.Ms.No.10 & 11, Ind. & Com.(M.I) Dept. dated: 26.02.2016.
- **Purpose:** Taking-up prospecting and exploration of minor minerals for resource evaluation in terms of grade and mineral reserves as per United Nations Framework Classification for allotment of such areas through auction in tune with the Mines and Minerals (Development and Regulation) Amendment Act, 2015.
- **Funding:** Through 2% contribution on Seigniorage Fee by the lease/temporary permit holders.
- **Collections:** Rs 208.10 Crores (upto 05.02.2026).



POLICY INITIATIVES



The State Government made certain Amendments to TMMC, Rules 1966 on 31.03.2022, introduced Permit Fee, Transfer Fee, Renewal Fee, Letter of Intent Fee and Security Deposit. The details as under:

S.No	Description	Gist	Remarks
1	Permit Fee	At the time of grant of Permit.	0.8 Times of Seig. Fee for all minor minerals except Sand. 0.4 Times of Seig. Fee for Black & Colour Granite.
2	Transfer Fee	For transfer of Quarry Leases.	10 Times of Annual Dead Rent for other minor minerals. 5 Times of Annual Dead Rent for Black & Colour Granite. (Relaxation of 3 Times of Annual Dead Rent for 2-years).
3	Renewal Fee	For Renewal of Quarry Lease for further 20-years.	4 Times of Annual Dead Rent for Black & Colour Granite and other minor minerals.
4	Security Deposit	To safe guard the interest of the State against illegal mining & transportation.	2 Times of Annual Dead Rent for all existing Quarry Leases.
5	LoI Fee	To maintain parity between leases granted through auction and leases granted without auction.	4-Times of Annual Dead Rent for all minor minerals.

State Govt. vide G.O.Ms.No.26, dt.31.03.2022 introduced Auction System for allotment leases for minor minerals and issued orders on Procedure for Grant of Minor Mineral concessions through auction vide G.O.Ms.No.45, Dt:10.11.2022.

Govt. vide G.O.Ms.No.44, Dt:10.11.2022 issued orders on Procedure for Grant of Minor Mineral Concessions in Pattalands other than by auction.

Recent Initiatives

- The Govt. issued orders vide G.O.Ms.No.14, Dt:08.07.2025 (effective from 08.07.2025) revised the Rates of Seigniorage Fee by 20%. Additional Revenue is to a tune of Rs.100 Cr. (Rs.51.46 Cr realized as an additional revenue on minor minerals from 08.07.2025 to 26.01.2026).
- **Environmental Impact Fee (EIF):** The Government issued orders vide GO.Ms.No.17, Dt:23.07.2025 for enhancement of EIF fee from Rs.3/- to Rs.8/- per SFT for more than 10,000 SFT of built up area.
- **Slab System:** The Government issued orders vide GO.Ms.No.11, Dt:28.03.2025 for enhancement of slab rate for Granite Cutting & Polishing industry duly introducing 5, 10, 14, 21 & 25 blades in addition to the single blade.
- Revenue collected on Slab System is Rs.28.19 Cr since 01.04.2025.
- **The Telangana Stone Crusher Rules, 2025 :** The Government issued Stone Crusher Rules vide G.O.Ms No.26, dt.01.11.2025. Additional revenue may to a tune of Rs 50 Cr. Crusher Policy (Production numbers to be monitored through consumption of electricity).

- The department has started the implementation of:
 - **Mines Surveillance system** (work order issued to TGOnline for development)
 - **Mineral Resource Information System** (Work Order Issued to Geovale)
 - **GIS Platform** (RFP to be issued in February)
 - **AI & Satellite Imagery Based Change Detection System** for detecting illegal mining.
- The department already empanelled agencies for supply installation and integration of:
 - AS 140 GPS tracking system for mineral transporting vehicles.
 - CCTV cameras, ANPR system, Weigh Bridges at crusher and quarry lease areas.

1. State & Department Wise AIS-140 Compliance

The aim of AIS-140 (Automotive Industry Standard 140) is to **enhance safety, security, and efficiency in India's public and commercial transport** by mandating specific Intelligent Transport Systems (ITS) like GPS tracking and SOS buttons in vehicles, enabling real-time monitoring, quick emergency response, and better fleet management for authorities and operators. It ensures compliance through ARAI certification for devices, providing features for live location, panic alerts, and data transmission to control centers, thereby improving passenger safety and operational oversight.

- Department has empanelled 22 agencies for AIS-140 GPS devices and Supply, Installation, API integration & data sharing with Department portal.



- **Telangana – TGMDC (Sand):** Officially empaneled for the Sand Sales Management & Monitoring System (SSMMS). It ensures vehicles are visible for sand order allocation.



- **Telangana – Department of Mines & Geology (DMG):** Integrated with the TS-eMining portal. This is mandatory for generating e-Permits for Granite, Limestone, and Road Metal.



2. Weighbridges

- **Purpose:** The Department of Mines and Geology (DMG), Telangana, utilizes weighbridges to regulate mining activities, ensure accurate measurement of mineral transport, and prevent illegal mining.
- **Role in Revenue:** Weighbridges are essential for collecting mineral revenue on both major and minor minerals.
- **Real-time Data Access and Monitoring:** Weight data is captured and stored in real-time, providing immediate visibility into operations. Managers can monitor activities remotely through dashboards, allowing for prompt decision-making, better inventory control, and improved operational transparency
- Department has empanelled 4 agencies for Weighbridges Installation, Integration & Maintenance and System integration for data sharing.

A screenshot of a software interface titled "Weighment Entry - InPremises" and "First - Weighment Entry". The interface displays a large digital scale reading of "22920". Below this, there are fields for "Ticket No: 346", "Gross Weight: 22920", "Tare Wt. (t#): 12960", and "Net Weight: 9960". There are also fields for "Gross Date" and "Tare Date", both set to "18/10/2017" at "17:39:19". The interface includes a "Capture Weight [F5]" button and a "Mobile No:" field with the value "0030310024". The bottom of the screen shows a status bar with "Imagic Solution" and various system icons.

Ticket No	346
Gross Weight	22920
Tare Wt. (t#)	12960
Net Weight	9960
Gross Date	18/10/2017 17:39:19
Tare Date	18/10/2017 17:39:19
Mobile No.	0030310024

3.CCTV

1. Weighbridges (Critical Areas for Revenue Protection)

Entrance & Exit (ANPR Cameras): At least two bullet cameras (one entry, one exit) specifically for Automated Number Plate Recognition (ANPR) to log all truck movements.

Diagonally Opposite Points: Install two outdoor cameras on diagonally opposite sides of the platform to provide a full view of the truck, ensuring it is properly positioned and not overloading.

Operator Cabin/Console Room: One indoor dome camera focusing on the weighing scale indicator to monitor the operator and prevent manual manipulation.

Overhead/Top View: A camera mounted directly above the weighbridge to capture the truck container's contents, verifying it is empty (before loading) or verifying the load (after loading).

Weighing Office/Instrument: Indoor cameras focusing on the operator or the weighing scale indicator.

Department has empanelled 4 agencies for CCTV surveillance Integration & Maintenance 24x7 monitoring of mining & quarry operations.



➤ Critical Locations - Mining Site

- Pit Entry & Excavation Points: High-definition PTZ (Pan-Tilt-Zoom) cameras to monitor loading operations.
- **Stockyard/Stacking Points:** Cameras covering the material stock to monitor inventory movement.
- **Perimeter/Boundaries:** Surveillance on, vulnerable points to prevent illegal access.
- **Internal Haul Roads:** To track trucks from excavation to the weighbridge.
- **Loading and Unloading Zones:** Areas where mineral ore is transferred to trucks or conveyors.
- **Night Visibility:** Cameras must have built-in IR (Infrared) illuminators to improve nighttime surveillance.
- **Crusher Units & Processing Plants:** High-risk machinery areas.



4. ANPR (Automatic Number Plate Recognition) Systems:

Technology using Optical Character Recognition (OCR) on images to read vehicle registration plates.

Speed: Recognition in ~250 milliseconds.

Stringent Security: Controlled access for heavy machinery, staff, and contractor vehicles.

Logistics Management: Automated tracking of dump trucks, haulers, and transport vehicles.

Safety Compliance: Ensuring only authorized/trained personnel enter hazardous zones.

24/7 Operation: Reliable, unmanned operation in remote or harsh mining environments.

Health & Safety: Monitoring vehicle speed in specific zones.

Department has empanelled 5 agencies for ANPR systems Installation, Integration & Maintenance API-based data sharing with Department systems.

➤ **How it Works (Technical Flow)**

Image Capture: IR cameras take images of vehicles at entry points (even at high speeds).

Preprocessing: Enhancing image quality (removing noise, adjusting lighting).

Plate Detection: Locating the license plate in the image.

Character Segmentation: Isolating individual characters.

OCR Recognition: Converting characters to text.

Database Matching: Comparing plates against authorized databases.

Increased Efficiency: Eliminates manual logging of vehicles at security checkpoints.

Enhanced Security: Instant alerts for unauthorized or stolen vehicles

Data Accuracy: Minimizes human error in tracking.



Auction of Major Mineral Blocks

The Dept. successfully conducted 2 phases auction for 5 major mineral blocks for the grant of ML & CL. Out of these 4 blocks were successfully auctioned, representing 80% success rate.

Phase-I: Conducted auction for 3 Limestone blocks as Mining Leases in November, 2024. One Limestone Block annulled due to lack of technical qualified bidders. Rs.12.55 Cr received towards 1st instalments of 20% of upfront payment during 2024-25.

Phase-II: Conducted auction for 2 Limestone blocks as Composite Licenses on 19th & 23rd September, 2025. Preferred bidders submitted performance security in the form of Bank Guarantee of Rs.12.93 Cr & Rs.4.49 Cr respectively.

Phase-III: NIT issued on 16.10.2025 for auction of 3 Limestone blocks as Mining Leases.

e-auction for Kodangal Limestone block, Vikarabad District concluded on 28.01.2026 and the final bid quoted is 25% (minimum bid is 10%).

Auction of Minor Mineral Blocks

- The Dept. successfully conducted 3 phases auction:
- **Phase-I:** Department conducted auction of 25 minor mineral blocks. Out of which, 12 blocks are annulled due to less number of bids (6) received and not paid final bid amount. Amount realized is Rs.41.75 Cr.
- **Phase-II:** Department conducted auction of 34 minor mineral blocks. Out of which, 19 blocks are annulled due to less number of bids received. Amount realized is Rs.20.28 Cr.
- **Phase-III:** Department conducted auction of 19 minor mineral blocks (11th to 16th December, 2025). Out of which, 7 blocks are annulled due to less number of bids received. Amount realized is Rs.5.15 Cr as on date.
- **Phase-IV:** Department issued NIT on 30.12.2025 for conduct of auction for 11 minor mineral blocks.

Progress of OTS Collections

- State Govt. vide GO MS No.60, Dt:12.03.2025 issued orders to implement One Time Settlement (OTS) for revision cases and cases wherein ETS surveys were involved. Total 686 revision cases (517 revision cases+ 169 other than revision cases).
- Out of these, as on date, 331 cases availed and paid Rs.50.33 Cr

No of Revision cases	Other cases	Total cases	No of cases OTS availed	Amt realized in Cr (In Rs)	Bal commitment involved in Cr (In Rs)
517	169	686	331	50.33	19.67

- Department will collect an amount of Rs.70 Cr in this FY 2025-26.

Dept. Web Portal

mines.telangana.gov.in

(Hosted in State Data Centre, Gachibowli, Hyderabad)

mines.telangana.gov.in/MinesAndGeology/Views/Index.aspx

DEPARTMENT OF MINES & GEOLOGY
GOVERNMENT OF TELANGANA

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1
TELANGANA
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New
Tenders and Notifications

HOME ABOUT US MINERALS POLICY & LEGISLATION GENERAL INFO REPORTS RTI REACH US NEW GO'S DMF VEHICLE REGISTRATION LOGIN

Department of Mines and Geology
Government of Telangana

Sri A Revanth Reddy Garu.
Hon'ble Chief Minister, Telangana State.

1
TELANGANA
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Online Modules under Implementation

S. No	Online Module	Remarks
1	Online Mineral e-payment & e-permit System – Online payment of statutory amounts, issue of e-permits, filing of e-returns, mineral revenue assessments etc.	<ul style="list-style-type: none"> •2013 - Pilot Project in Karimnagar •2014 - Implemented throughout State.
2	Online Mineral Concession Applications Monitoring System – Filing of applications for mining/quarry leases–	Made dormant w.e.f., 01.04.2022.
3	Online Platform (TSTS) through Telangana State eAuction Platform for Auction of Minor Mineral Blocks, Processing, Online Payment of Statutory Payments, Allotment of Quarry Lease.	Developed for implementation
4	Online Approval of Mineral Dealers Registration.	w.e.f., 01.04.2015
5	Online Transit Passes generation for Mineral Dealers.	w.e.f., 01.04.2015
6	Online issue of Temporary Permits for Minor Minerals.	w.e.f., 01.04.2016
7	Grant of Quarry Leases - QL Applications wherein LoI issued.	w.e.f., 01.04.2022
8	Online Approval of Renewal Mineral Concession Applications.	w.e.f., 01.04.2022
9	Online Approval of Automatic Transfer of Quarry Leases.	w.e.f., 01.04.2022
10	Online Filing, Receipt, Processing and Approval of Quarry Lease for Minor Minerals in Patta Land.	w.e.f., 01.04.2022
11	Appeals – Online Filing, Processing & Disposal of Appeal Applications.	w.e.f., 20.04.2023
12	Zero Permit for Government Works.	w.e.f., 01.04.2023.
13	Show-Cause Notice/Determination of QL Module – In case of breach of lease conditions, Online issue of Show Cause Notice and for non-rectification of the breach, online determination of Quarry Lease.	w.e.f., 01.04.2023.
14	Implementation of eOffice – Processing and disposal of files	w.e.f., 07.09.2018
15	NOC For Govt. & Patta Lands through TS-iPASS.	w.e.f., 20.04.2023
16	Dept. Mobile App	w.e.f., 30.09.2023.
17	Brick Kiln/Mangalore Tile Unit - Online filing & registration.	w.e.f., 25.09.2023
18	Renewal of Mineral Dealer Licences (MDL)	w.e.f., 25.09.2023
19	DMF Web Portal	w.e.f, 29.12.2023
20	Online Slab System to Granite cutting & polishing units	w.e.f., 01.05.2025



GOVERNMENT OF
TELANGANA

Department of Mines and
Geology



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TGeMining

MOBILE APPLICATION

Department of Mines & Geology

Government of Telangana

The Department In-house IT Team-NIC developed a Mobile App - A highly efficient and integrated Mobile Application called "TGeMining Mobile Application". The said App was introduced on 30.09.2023 and is being implemented effectively.

This innovative app provides a comprehensive mineral transport solution for all stakeholders. Enables checking of vehicles and in case of illegal transportation, payment of penalty exclusively through online process.



THANK YOU