

INDIAN BUREAU OF MINES

--:-- Inspection Report --:--

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	DEVAPUR	Lease Area (Ha) :	210
Forest Area (Ha) :	210	Mine Code :	38APR01012
Registration Number :	IBM/45121/2022	Name of lessee :	Telangana State Mineral Development Corp Limited
Address of lessee :	6-2-9/5 ,HMWSSB Premises, Rear Block 4th Floor Khiratabad, Hyderabad	Phone of lessee :	040-3323150
Email of lessee :	Tsmdcltd.devapur@gmail.com	Fax Number :	N/A
Village :	Devapur (Ct)	Taluka / Mandal :	Kasipet
District :	MANCHERIAL	Pincode :	500004
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Devapur	Nearest Railway Station :	Bellampalli
Date of Grant of Mining Lease :	2014-03-12	Date of Mining Lease Execution :	2013-12-27
Date of opening in the mine :	1981-11-14		

Nominated Owner Details			
Name of the Nominated Owner :	Dr Gurram Malsur	Nominated Owner Address:	3rd Floor, HMWSSB Building
Nominated Owner Mobile :	8008558580	Nominated Owner Email :	Tsmdcltd.devapur@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2016-12-30
Mining Engineer Details			
Name of the Mining Engineer :	Kamlesh Tembhone	Qualification of Mining Engineer :	B.E.Mining
Address of Mining Engineer :	Orient Cement Ltd., Village & P.O.Devapur,Mandal- Kasipeth Dist-Mancherial, Telangana-504218	Phone of Mining Engineer :	9703918005
Email of Mining Engineer :	Kamlesh.tembhone@orientcement.com	Fax Number of Mining Engineer :	NA
Date of Mining Engineer Appointment :	2011-11-02		
Geologist Details			
Name of the Geologist :	Vallepu Prasad	Qualification of Geologist :	M.Sc- Geology
Address of Geologist :	Orient Cement Ltd., Village & P.O.Devapur,Mandal- Kasipeth Dist-Mancherial, Telangana-504218	Phone of Geologist :	9154861876
Email of Geologist :	Prasad.v@orientcement.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-12-26		
Mine Manager Details			
Name of the Mine Manager :	Kamlesh Tembhone	Qualification of Mine Manager :	B.E.Mining
Address of Mine Manger :	Orient Cement Ltd., Village &	Phone of Mine Manger :	9703918005

	P.O.Devapur,Mandal- Kasipeth Dist- Mancherial, Telangana-504218		
Email of Mine Manger :	Kamlesh.tembhurne@orientcement.com	Fax Number of Mine Manger :	NA
Date of Mine Manger Appointment :	2011-11-02		
Mineral(s) granted in lease and proved for mining :	LIMESTONE,SHALE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2024-10-21 (2025 - 2029)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	MK KALMATA
Designation :	RMG
Name of the Accompanying Official from Mine :	Vellepu Prasad
Designation of the Accompanying Official :	Geologist
Type of Inspection :	MCDR
Date of Inspection :	21/02/2025
Review year considered for MCDR Inspection :	2023-2024

2.2.1 : Exploration Details

S.N.	Items for Reporting		As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of Core Boreholes		None in the year 2024-25.	None in the year 2024-25.	Not applicable	No Violation	So far, 113 core holes have been drilled, with a total meterage of 4,361 meters.	Nil
2	Number of DTH Boreholes		None in the year 2024-25.	None in the year 2024-25.	Not applicable.	No Violation	A total of 150 DTH exploratory holes have been drilled, with a total meterage of 2,490 meters.	Nil
3	Number of exploratory pits / trial pits		None in the year 2024-25.	None in the year 2024-25.	Not applicable.	No Violation	No exploratory pits or trial pits have been made so far.	Nil
4	Number of exploratory Trenches		None in the year 2024-25.	None in the year 2024-25.	Not applicable	No Violation	None.	Nil
5	Lateral exploration status for the lease area	G1	None in the year 2024-25.	None in the year 2024-25.	Not applicable.	No Violation	The total lease area is 210 hectares, of which 201.803 Ha is mineralized. The entire mineralized area has already been explored under the G-1 level by drilling 263 exploratory	Nil

							boreholes, totaling 6,851 meters in depth.	
6		G2	None in the year 2024-25.	None in the year 2024-25.	Not applicable	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
7		G3	None in the year 2024-25.	None in the year 2024-25.	Not applicable	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
8		G4	None in the year 2024-25.	None in the year 2024-25.	Not applicable	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	(As per the approved document dated 19-07-2023) (In tonnes) Total Reserves:- 14758459 Total Mineral Resources:- 18265487	As on 01-04-2024 (In tonnes) Total Reserves:- 10615622 Remaining Resources:- 18265487	Not applicable	No Violation	Reserves/Resourc es are updated by depleting 4142837 tonnes of ROM production achieved for the year 2023-24.	Nil	

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2.3.1 : Development - Opencast Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Location of development w.r.t. lease area	In the year 2024-25, there was a proposal to work in three location Block A2W, Block B and Block A1N	Work has been carried out in all three proposed pits/Block. Additionally, lessee has carried out working in block C also where there is no such proposal in the approved document.	Working has also been carried out in Block C, for which there is no proposal in the approved document. Further, it is also observed that in the text proposed locations were shown in three block for the year 2024-25 and on production and development plate productions was shown in four locations and nomenclature is also not furnished on the plates. However, lessee has corrected the same in the review approved for the block period 2025-26 to 2029-30, so no violation is pointed out.	No Violation	Lessee has updated the status of working in the Review of Mining Plan submitted for the block period 2025-26 to 2029-30. So no violation is pointed out based on the present inspection.	Nil
2	Quantity of overburden generation in m3	388328 in the year 2024-25.	444610	56282	Rule 11(1)	In the year 2024-25 (up to January 2025) The waste rock is	Nil

						handled more than the proposal.	
3	Quantity of topsoil generation in m3	NIL	NIL	NIL	No Violation	No topsoil is proposed and handled in the year 2024-25 (Up to January 2025)	Nil
4	Stripping ratio : ore to OB ratio	0.17	0.38	0.210	Rule 11(1)	In the year 2024-25 against the proposal of 0.17, the stripping ratio achieved is 0.38 up to January 2025. The waste rock is handled more than the proposal.	Nil

2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of pits / Blocks proposed for production	In the year 2024-25, there was a proposal to work in three Blocks:- Block A2W, Block-B & Block A1N	Work has been carried out in all three proposed pits/Block. Additionally, lessee has carried out working in	Working has been carried out in Block C also where there is no such proposal in the approved document.	No Violation	Lessee has updated the Status of working in the Review of Mining Plan submitted for the Block period 2025-26 to	Nil

			block C also where there is no such proposal in the approved document.			2029-30. So no violation is pointed out based on the present inspection.	
2	Quantity of ROM mineral production proposed (in T)	5235260 tonnes in the year 2024-25.	2616075T	2619185 T	No Violation	Actual figures are provided up to 31-01-2025. The deviation is -50.029%. Since the financial year is not yet complete, no violation is noted based on the current inspection.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	4541380 tonnes in the year 2024-25.	2245224 T	2296156 T	No Violation	Actual figures are provided up to 31-01-2025. The deviation is -50.56%. Since the financial year is not yet complete, no violation is noted based on the current inspection.	Nil
4	Quantity of mineral reject/Sub-grade generation	693880 Tonnes in the year 2024-25.	370851 T	323029 T	No Violation	Actual figures are provided up to 31-01-2025. The deviation is -46.55%. Since the financial year is not yet complete, no violation is noted	Nil

						based on the current inspection.	
5	Grade of mineral reject/sub-grade generation as per threshold value declared	+ 34% Cao to below 40%.	+ 34% Cao to below 40%.	None.	No Violation	Lessee is storing mineral reject separately for future use.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized.	Mechanized.	None.	No Violation	The lessee is only carrying out the sorting and loading of mineral rejects separately using excavators during production.	Nil
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	In the year 2024-25, bench proposed in ore 8.00Mtrs and no OB bench was proposed.	6.00 to 8.5 mtr bench height was maintained	In some location minor deviation is observed in the bench parameter.	No Violation	Advised lessee to rectify the bench heights before 31-03-2025.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None.	None.	None.	No Violation	None.	Nil

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2.4.3 : Exploitation - Dump Working Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of dumps proposed for production	None.	None	None	No Violation	No dump working is proposed in the current plan period.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	None.	None.	None.	No Violation	No dump working is proposed in the current plan period.	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	None.	None.	None.	No Violation	No dump working is proposed in the current plan period.	Nil
4	Production from dump(s) during the year	None.	None,	None.	No Violation	No dump working is proposed in the current plan period.	Nil
5	Quantity of mineral reject generation	None.	None	None	No Violation	No dump working is proposed in the current plan period. However, generation of mineral reject is proposed in the insitu mining.	Nil
6	Grade of mineral reject generation and threshold value declared	None.	None.	None	No Violation	No dump working is proposed in the current plan period.	Nil

7	Any analysis or beneficiation study proposed & carried out for mineral reject	None.	None.	None	No Violation	No dump working is proposed in the current plan period.	Nil
8	Manual / Mechanized method adopted for dump working	None.	None,	None.	No Violation	No dump working is proposed in the current plan period.	Nil

2.5.1 : OB/Waste Dumps Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Yes proposed separate dumps for OB (waste) and Mineral reject.	The dumping of overburden (OB) and mineral rejects is being carried out as per the approved mining plan.	None.	No Violation	No Topsoil dumping was proposed in the year 2024-25. However, one old topsoil dump is existing within the lease area. The dump is existing on the backfilled area.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	In the year 2024-25 the proposed dump locations area as follows. Waste rock:- WD(BF) 2	Waste Rock:- WD(BF) 2 WD(BF) 4 and Mineral Reject:-MR-1 and 2.	In the year 2024-25, a proposal was made to dump waste and mineral reject at three	No Violation	The waste dumping, as proposed and executed, is being carried out in mineral-	Nil

		WD(BF) 4 & WD(BF) 12 Mineral Reject:- MR-1, 2 and MR-3.		different locations each. However, since the ore in WD (BF) 12 (Block C) has not been fully exhausted, overburden (OB) dumping has not been carried out there. Additionally, due to reduced generation of mineral reject, dumping has been limited to two locations only.		exhausted benches and closely resembles backfilling. The lessee has been advised to update the data accordingly. All active waste dumps are made on back filled area only.	
3	Number of active & Inative dumps	There are six active dumps proposed for the year 202425: three overburden (OB) dumps and three mineral reject dumps.	A total of four dumps are done in the year 202425: two for waste and two for mineral rejects.	In the year 2024-25, a proposal was made to dump waste and mineral reject at three different locations each. However, since the ore in WD (BF) 12 (Block C) has not been fully exhausted, overburden (OB) dumping has not been carried out there. Additionally, due to reduced generation of mineral reject, dumping has been	No Violation	A total of eight dumps exist within the lease area: one inactive waste dump, three mineral reject dumps, three active waste dumps, and one active topsoil dump. Three active dumps are made on the back filled area only.	Nil

				limited to two locations only.			
4	Number of dead dumps	None in the year 2024-25	None in the year 2024-25	NA	No Violation	One inactive waste dump is existing within the lease area.	Nil
5	Number of dumps proposed for stabilised	None in the year 2024-25	None in the year 2024-25.	NA	No Violation	Plantation is made on the one inactive dump.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None in the year 2024-25	None in the year 2024-25	NA	No Violation	Previously one inactive dump is stabilized by plantation.	Nil

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2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Status on part or full extraction of mineral from mined out area before starting backfilling	In then year 2024-25, there was a proposal for back filling in two locations. Block C and Block A2W.	Back filling is carried out in Block A2W only. The backfilling is carried out in the mineral exhausted benches only.	Back filling was proposed in two locations. However, due to mineral is not exhausted in Block C no back filling is carried out in block C.	No Violation	Back filling is made in the mineral exhausted area only. Back filling and external dump is almost shown in the same area. However lessee has shown backfilled area and external dump separately in The RMP approved for the period 2025-26 to 2029-30.	Nil
2	Year-wise area under backfilling of mined out area	There was a proposal to backfill 37800 Sq.mtr area in the year 2024-25.	In then year 2024-25, there was a proposal for back filling in two locations. Block C and Block A2W.	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No topsoil generation and utilization is proposed in the year 2024-25.	None in the year 2024-25.	None.	No Violation	The topsoil generated earlier is utilized for plantation work.	Nil
4	Total area fully reclaimed & rehabilitated	None in the year 2024-25.	Only backfilling is carried out in	None.	No Violation	The total area fully reclaimed	Nil

			the year 2024-25			and rehabilitated is 32.73 hectares, of which 12.45 hectares have been planted on the backfilled area, while the remaining 20.28 hectares have been converted into a water reservoir	
5	Locations of proposed reclamation & rehabilitated	In then year 2024-25, there was a proposal for back filling in two locations. Block C and Block A2W.	Backfilling is carried out only in Block A2W.	There was a proposal to carry out backfilling in Block C as well, but no backfilling was done in Block C.	No Violation	Since the mineral was not exhausted in Block C, the proposed backfilling was not undertaken.	Nil

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2.7.1 : Progressive Mine Closure Plan (PMCP) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	Total area proposed for plantation is 0.9Ha with 900 saplings in the year 2024-25.	Area covered under plantation is 2.014Ha with 3479 saplings.	Plantation is made more than the proposal.	No Violation	Plantation is done on the waste dumps and back filled area.	Nil
2	Rehabilitation by making water reservoir	None in the year 2024-24.	None in the year 2024-25	None.	No Violation	So far total area rehabilitated by making water reservoir is 20.28Ha.	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Yes, Air, Water and Noise monitoring was proposed in Core and Buffer zone.	Environmental monitoring in the core and buffer zone is carried out as per the proposal and result are within permissible limits.	None.	No Violation	Environmental monitoring is carried out by Lawn Enviro Pvt.Ltd., Hyderabad.	Nil

2.8.1 : Mineral Conservation Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	ROM Mineral dispatch or grade-wise sorting within lease area	Proposed dispatch of Cement grade ROM to Captive Cement Plant.	Dispatching Cement Grade limestone to the Captive plant attached to the lease	None.	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Cement Grade	Cement Grade.	None.	No Violation	Lessee is dispatching Cement grade limestone Having Cao +38% above cut oof to the plant linked with the mine and Limestone of grade +34 to below 38%Cao is stacking separately as a mineral reject for future use.	Nil
3	Any beneficiation process at mines	None.	None within the lease area.	None.	No Violation	Lessee is sending ROM to the crushing plant which is existing near plant after crushing feeding to the plant.	Nil
5	Utilization of Mineral Rejects or Sub-	None.	None,	None.	No Violation	Nil	Nil

	grade (Blending at ROM stage, Blending after Processing etc.)						
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2.9.1 : Environment Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate removal and utilization of topsoil	Not Proposed	No topsoil is handled in the year 2024-25	None.	No Violation	The topsoil removed earlier was utilized for making plantation within the lease area.	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes, proposed.	Waste Rock generated during the year 2024-25 is utilized for backfilling of mineral exhausted pit.	NA	No Violation	The total area covered under backfilling is 44.00 hectares, of which 12.45 hectares have been reclaimed through plantation.	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes proposed back filling of 3.7Ha and plantation on 0.9Ha of back filled area.	About 3.3Ha area is back filled and plantation was made on 2.014Ha	Plantation was made more than the proposal.	No Violation	None.	Nil
4	Plantation & Survival rate	Plantation : 900	3479 saplings and	None.	No Violation	Nil	Nil

		Survial Rate : 80 in the year 2024-25.	survival rate 80 to 85%.				
5	Water sprinkling on roads to control airborne dust	Yes proposed.	To control airborne dust, the lessee is regularly spraying water on haul roads and within mining areas.	NA	No Violation	Dust suppression is being carried out using a 12,000-litre capacity water tanker.	Nil

2.10 : Annual Return Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the preceding financial year.	Submitting Monthly and Annual returns within the time limit.	None.	No Violation	Submitted Annual returns for the year 2023-24 on 29-06-2024 and Submitted Monthly returns up to January 2025.	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55	As per Annual returns submitted	The information furnished	The information furnished in the	No Violation	A show cause notice was issued	Nil

	of MCDR,2017	to this office for the year 2023-24, the details of Mining Engineer and Geologist are as follows. Mining Engineer: Kamlesh B Temburne and Geologist:- Jayant	regarding the Mining Engineer was found to be correct. However, during the inspection, it was observed that the lessee had appointed Mr. Vallepu Prasad as the Geologist for the said mine on 26-12-2023	Annual returns regarding appointment of Geologist is incorrect.		for the same under Rule 45(7) of MCDR, 2017. As there is no option for issuing a direct show cause notice in the MTS Inspection module, it was issued through e-Office	
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Lessee has to submit all the information correctly in the returns.	1) Exploration details were not submitted in the Annual Return for the year 202324. 2) Reserves/resources were reported in million tonnes, which is not as per the prescribed format. 3) Under Capital Structure, the opening and closing balances for plant and machinery were not furnished correctly.	submitted incomplete and wrong information.	No Violation	A show cause notice was issued for the same under Rule 45(7) of MCDR, 2017. As there is no option for issuing a direct show cause notice in the MTS Inspection module, it was issued through e-Office	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not Applicable.	Not applicable.	Not applicable.	No Violation	The lease is valid for more than two years and submission of Final Mine closure Plan is not applicable.	Nil

5	Notices and Returns for the lease area submitted or not where fine applicable	Form H for Termination & appointment of Geologist.	Lessee has submitted form H for Termination of Mr.Jayant V Mohagoankar and appointment of Shri Vallepu Prasad Geologist.	None.	No Violation	Submitted Form-H within the prescribed time limit.	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale vale, cost of production and ex-mine price is shown as Rs 247.39/T	The information furnished is found correct.	None.	No Violation	The mine is captive, and the ore produced is utilized exclusively for the captive plant. Therefore, the sale value has been calculated by multiplying the dispatch quantity by the cost of production.	Nil

2.11 : SDF Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Start Ratings accorded for mine during last 3 years	Year of Submission : 2023-2024 , Rating : 5 star Self assessed.	Yet to be validated.	None.	No Violation	None.	Nil

Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
1	Nil	Most of the general information fields are non-editable and do not match the latest records.

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Part-IV : Summary Details

4.1 : Summary of Violations

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Development - Opencast : Quantity of overburden generation in m3	388328 in the year 2024-25.	444610	56282	Rule 11(1)	In the year 2024-25 (up to January 2025) The waste rock is handled more than the proposal.	Nil
2	Development - Opencast : Stripping ratio : ore to OB ratio	0.17	0.38	0.210	Rule 11(1)	In the year 2024-25 against the proposal of 0.17, the stripping ratio achieved is 0.38 up to January 2025. The waste rock is handled more than the proposal.	Nil

Final Submitted

Esigned by: MK KALMATA
 Date: 26/05/2025 03:33:54 AM