

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	SRISANKARA	Lease Area (Ha) :	141.70
Forest Area (Ha) :	N/A	Mine Code :	38APR14009
Registration Number :	IBM/6499/2011	Name of lessee :	Keerthi Industries Limited
Address of lessee :	Mellacheruvu ,Suryapet, Huzurnagar	Phone of lessee :	02375-226034
Email of lessee :	Mines@keerthiindustries.com	Fax Number :	N/A
Village :	Mella Cheruvu	Taluka / Mandal :	Mellachervu
District :	Suryapet	Pincode :	508246
State :	Telangana	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	1986-04-22	Date of Mining Lease Execution :	1986-04-22
Date of opening in the mine :	1986-04-22		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr Sheshagiri Rao Jasti	Nominated Owner Address:	Plot No. 40, IDA, Balanagar, Hyderabad
Nominated Owner Mobile :	9848096333	Nominated Owner Email :	Jsrao@keerthiindustries.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2014-03-03
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	C. Sreenivasa Reddy	Qualification of Mining Engineer :	Diploma(Mining)
Address of Mining Engineer :	Q.No –E2, Suvarana Colony	Phone of Mining Engineer :	9666876464
Email of Mining Engineer :	Mines@keerthiindustries.com	Fax Number of Mining Engineer :	NA
Date of Mining Engineer Appointment :	2025-02-28		
<b>Geologist Details</b>			
Name of the Geologist :	Shri. S. Janakiram	Qualification of Geologist :	M.sc.
Address of Geologist :	Q.No: A/19 Suvarna Colony	Phone of Geologist :	7672083261
Email of Geologist :	Mines@keerthiindustries.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2022-11-04		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Y.Karunakar Rao	Qualification of Mine Manager :	B.E., Mining
Address of Mine Manger :	Q.No –E-10, Suvarana Colony	Phone of Mine Manger :	9553302379
Email of Mine Manger :	Mines@keerthiindustries.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2022-11-21		

Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	Rakesh Kumar Arya
Designation :	Assistant Mining Engineer
Name of the Accompanying Official from Mine :	Y. Karunakar Rao
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR,STR
Date of Inspection :	16/09/2025
Review year considered for MCDR Inspection :	2024-2025

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**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		Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	As of now, a total of 49 core Boreholes have been drilled in the lease area, reaching a cumulative meterage of 2038 meters.	Nil
2	Number of DTH Boreholes		Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	No report	Nil
3	Number of exploratory pits / trial pits		Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	None	Nil
4	Number of exploratory Trenches		Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	None	Nil
5	Lateral exploration status for the lease area	G1	Not proposed in the year 2024-25.	None in the year 2024-25.	proposed in 2025-26	No Violation	Only lease area 78.34 Hectares has been explored at the G-1 level and lessee has submitted proposal to explore rest area in year 2025-26	Nil
6		G2	Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	lease area 31.48 Hectare has been Explored under	Nil

							G-2 level	
7		G3	Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	lease area 10.27 Hectare has been Explored under G-3 level	Nil
8		G4	Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	lease area 21.61 Hectare has been Explored under G-4 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 approved mining plan dated 22/03/2022, as on september-2021 reserve/resource are as follows: 111- 25.79 121- 5.23 211- 5.15 334- 36.19 Grand Total: 72.38	as on date-01.04.2025 (In Million tonnes) Total Reserves:- 111-23.75 121- 5.23 Remaining Resources:- 211- 5.15 334- 36.19 Grand Total:- 70.71	none	No Violation	reserve and resources have been updated and depleting 0.44 million tonnes of production achieved during the year -2024-25.	Nil

### 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	It is proposed to work between following coordinates in the	Pit-1, E 384372 to E384717 & N1856915 to 1857183 pit 2,	None	No Violation	The work has been carried out entirely within the proposed limits.	Nil

		year 2024-25. Pit-1, E384373 to 364651 & N1856934 to 1857152 Pit-2, 385319 to 385401 & N 1857449 to N1857646 Pit-4, E385932 to E385978 & N 1857838 to N1858120	E385270 to E385352, N18574149 to N 1857600 Pit 4, E385823 to E385984, N1857861to N 1858042				
2	Quantity of overburden generation in m3	Not Proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
3	Quantity of topsoil generation in m3	Not Proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	No generate Top Soil	Nil
4	Stripping ratio : ore to OB ratio	Not Proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	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	proposed three pit (pit 1, pit 2, pit 4) in the year 2024-25.	mine operation in three pit (pit 1, pit 2, pit 4) in the year 2024-25.	None	No Violation	NIL	Nil

2	Quantity of ROM mineral production proposed (in T)	769892.5	448275	321617.500	Rule 11(1)	showing a deviation of -41.77%.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	769892.5	448275	321617.500	No Violation	NIL	Nil
4	Quantity of mineral reject/Sub-grade generation	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	proposed bench height - 9 meter	bench height measure to be Below 8 meter	none	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed in the year 2024-25	None	None	No Violation	NIL	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	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
2	Quantity of dump material handling Proposed (in Tonne)	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
4	Production from dump(s) during the year	Not proposed in the year 2024-25	None	None	No Violation	NIL	Nil
5	Quantity of mineral reject generation	Not proposed in the year 2024-25	None	None	No Violation	NIL	Nil
6	Grade of mineral reject generation and threshold value declared	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
8	Manual / Mechanized method adopted for dump working	Not proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil

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**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)	None in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	None in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
3	Number of active & Inative dumps	None in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
4	Number of dead dumps	None in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
5	Number of dumps proposed for stabilished	None in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	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	Not proposed in the year 2024-25	None in the year 2024-25.	None	No Violation	NIL	Nil
2	Year-wise area under backfilling of mined out area	Not proposed in the year 2024-25	None in the year 2024-25.	None	No Violation	NIL	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Not proposed in the year 2024-25	None in the year 2024-25.	None	No Violation	NIL	Nil
4	Total area fully reclaimed & rehabilitated	Not proposed in the year 2024-25	None in the year 2024-25.	None	No Violation	NIL	Nil
5	Locations of proposed reclamation & rehabilitated	Not proposed in the year 2024-25	None in the year 2024-25.	None	No Violation	NIL	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.	Not proposed in the year 2024-25. proposed Area- 0.150 ha plantation proposed- 250 nos.	None in the year 2024-25. Area- 0.223 ha plantation - 272 nos.	None	No Violation	total nos. of plants 20214 in the existing lease area at the end of financial year.	Nil
2	Rehabilitation by making water reservoir	Not Proposed in the year 2024-25	None in the year 2024-25	None	No Violation	NIL	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not Proposed 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)	Air, Water and Noise monitoring in Core and Buffer zone	Environmental monitoring in the core and buffer zone is carried out as per the proposal and results are within permissible limits.	None	No Violation	Nil	Nil

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**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	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
3	Any beneficiation process at mines	Not proposed in the year 2024-25	None within the lease area.	None	No Violation	The lessee is transporting ROM to the crushing plant situated near the Cement plant, where it is crushed before being fed to plant. For size reduction.	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Not proposed in the year 2024-25	None in the year 2024-25.	None	No Violation	Nil	Nil

**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 in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	NIL	Nil
4	Plantation & Survival rate	Proposed 250 saplings for the year 2024-25. Survival rate was proposed 75%	272 saplings were planted in the year 2024-25, with a survival rate of 73%.	None	No Violation	A total of 20214 saplings have been planted within lease area.	Nil
5	Water sprinkling on roads to control airborne dust	Proposed water tanker capacity 4000 ltrs.	To control airborne dust, the lessee is regularly Spraying water on haul roads and within mining areas.	None	No Violation	Dust suppression is being carried out using a 4,000-litre capacity water tanker.	Nil

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**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	The monthly return shall be submitted before the 10th day of every month for the preceding month, and the annual return shall be submitted before the 1st day of July each year for the preceding financial year.	Submitting of Monthly and Annual Returns within the prescribed time limit.	None	No Violation	Submitted Annual returns for the year 2024-25 on 19-06-2025 and Submitted Monthly returns on date 09/09/2025	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	As per the proposed plan, a Mining Engineer and a Geologist shall be appointed on a full-time basis.	A Mining Engineer and a Geologist have been appointed on a full-time basis	None	No Violation	Lessee has submitted notice of appointment of Mining Engineer and Geologist to this office.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	The lessee must ensure that all information furnished in the returns is accurate and correct.	Upon scrutiny, the data in the annual return has been found to be incorrect	Resource (211) - 5,158,720 has not been furnished in the return.	No Violation	A direct Show Cause Notice has been issued to the lessee regarding the matter; there is no provision in the online portal.	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not Proposed in the year 2024-25.	Mining Operation is running.	None	No Violation	NIL	Nil

5	Notices and Returns for the lease area submitted or not where fine applicable	Not Proposed in the year 2024-25.	None in the year 2024-25.	None	No Violation	The lessee has submitted all applicable notices and returns to this office.	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	The lessee shall furnish the correct values in the annual return	Sale value is RS 69377263.48, Ex mine price is RS 211.96, Production cost is Rs 211.96	None	No Violation	Nil	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	FY-2023-24 - 3 star	FY-2021-22 -3 star FY-2022-23 -3 star FY-2023-24 -3 star	None	No Violation	The lessee has been maintaining a minimum three-star rating.	Nil

### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

S.N.	Reports File	Remark   File Description
1	Nil	Nil

### 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	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	769892.5	448275	321617.500	Rule 11(1)	showing a deviation of -41.77%.	Nil

Esigned by:  Rakesh Kumar Arya  
Date: 23/09/2025 07:21:37 PM