

**MCDR INSPECTION REPORT (2023-24)**

Sl. No.	Particulars	Details
1	Name of the Mine	<b>Sondenahalli Iron Ore Mine</b> <b>ML No: 2175</b>
2	Total Lease Area (Ha) with the breakup of Non-forest and forest land	64.35 Ha (as per CEC Sketch), 64.33 Ha (as per DGPS Survey., Entire area non-Forest.
3	Mine code	30KAR19026
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/28/2011
5	Name of the lessee, Address, phone, mail and fax number	Tumkur Minerals Pvt. Ltd. No. 2, "SHIVA NILAYA", 1 <sup>st</sup> Floor, Near Sawmill, Banasandra Road, K.B. CROSS – 572114, Tiptur TQ, Tumkur Dist. Karnataka E-mail: <a href="mailto:cnhtmlpl@vmsbgoa.com">cnhtmlpl@vmsbgoa.com</a> Phone: 08134 – 262000.
6	Village	Sondenahalli
7	Taluk/Mandal	Chikkanayakanahalli
8	District	Tumkur
9	Pin code	572214
10	State	Karnataka
11	Post office	Chikkanayakanahalli
12	Nearest police station	Chikkanayakanahalli
13	Nearest Railway station	Ammasandra (towards the south at 5.3
14	Date of Grant of Mining Lease	11-November-1993
15	Date of Execution	11-November-1993
16	Date of opening of Mine	11-11-1993
17	Date of first Renewal, if applicable and its period & expiry	11-11-2013 to 10-11-2043  50 years from 11-11-1993
18	Date of second Renewal, if applicable and its period & expiry	Not applicable

19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Ashwyn Kumar R. Nayak Registered Office Address: Ramanashree Chambers, No. 102, 1st Floor, #37, Lady Curzon Road  E-mail: <a href="mailto:cnhtmlpl@vmsbgoa.com">cnhtmlpl@vmsbgoa.com</a>  Date of Appointment: 10.03.2017  Phone: 08134 – 262000
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Nil
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mr. Ramesh P Joshi, 1 <sup>st</sup> Class Mines Managers Certificate of Competency, No. 2, "SHIVA NILAYA", 1 <sup>st</sup> Floor, Near Sawmill, Banasandra Road, K.B. CROSS – 572114, Tiptur TQ Tumkur Dist. Karnataka  E-Mail: <a href="mailto:rpjoshi@vmsbgoa.com">rpjoshi@vmsbgoa.com</a>  Date of Appointment: 08.07.2023
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in the mine	Mr. Sudheera Naik S B.E – Mining  No. 2, "SHIVA NILAYA", 1 <sup>st</sup> Floor, Near Sawmill, Banasandra Road, K.B. CROSS – 572114, Tiptur TQ Tumkur Dist. Karnataka  E-Mail: <a href="mailto:sudheeranaik@vmsbgoa.com">sudheeranaik@vmsbgoa.com</a>  Mobile No: 9900062131  Date of Appointment: 04.07.2008
24	Whether Geologists and Mining	Mr. Girishchandra R. Kulkarni

	engineers appointed in mines satisfy rule 42 & carry out their duties as per rules 43 & 44.	MSc (Mineral Exploration) (1992) - Geologist  No. 2, "SHIVA NILAYA", 1 <sup>st</sup> Floor, Near Sawmill, Banasandra Road, K.B. CROSS – 572114, Tiptur TQ Tumkur Dist. Karnataka  E-Mail: <a href="mailto:grkulkarani@vmsbgoa.com">grkulkarani@vmsbgoa.com</a>  Mobile No: 09850477849  Date of Appointment: 18.06.2013
25	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five years and specific conditions in the approval letter, if any.	Date of approval of Review & updation of Mining Plan: 279/782/2003/BNG dated 23-04-2018 for the period 2018-19 to 2022-23. Violation issued under Rule 11(4) of MCDR 2017 for late submission of RMP.
26	Mineral(s) granted in lease and proved for mining	Iron Ore
27	Method of Mining (Opencast, Underground)	Opencast
28	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
29	Captive/ Non-captive	Non-Captive
30	Date of inspection	10-06-2024
31	Name of accompanying mine officials with the designation	Shri. G R. Kulkarni, Geologist and QP, Shri Leo Christy Albert, QP, Mr. S. Ramalingam, Asst. Mining Manager

### Exploration

Sl. No.	Item	Proposals	Actual work	Remarks
1a	Backlog of the previous year	No approved proposal for year 2023-24	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	No approved proposal for year 2023-24	1 & 2	

1c	Exploration Agency & Expenditure in lakh Rupees during the year	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved proposal for year 2023-24	Nil	
1e	<b>Balance reserves as of 01.04.2024 (in Metric tonnes)</b>	No approved proposal for year 2023-24	6977000 tons of iron ore reserves as per the last approved mine plan document dtd 23/04/2028.	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
1f	General remarks of inspecting officer on geology, exploration etc.	<p>i) The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.</p> <p>ii) 6977000 tons of iron ore reserves as per the last approved mine plan document dated 23.04.2018.</p> <p>iii) Violation issued to the Lessee under Rule 11(4) of MCDR 2017 for late submission of RMP.</p>		

### Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available

				for the year 2023-24.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
2c	Stripping ratio or ore to OB ratio	No approved proposal for year 2023-24	Nil	-do-
2d	Quantity of topsoil generation in m <sup>3</sup>	No approved proposal for year 2023-24	Nil	-do-
2e	Quantity of overburden generation in m <sup>3</sup>	No approved proposal for year 2023-24	Nil	-do-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	<p>i) The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.</p> <p>ii) Violation issued to the Lessee under Rule 11(4) of MCDR 2017 for late submission of RMP.</p>		

## Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
3b	Quantity of ROM mineral production proposed in tonnes	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.

3c	Recovery of salable/usable minerals from ROM production	No approved proposal for year 2023-24	Nil	-do-	
3d	Quantity of mineral reject generation	No approved proposal for year 2023-24	Nil	-do-	
3e	Grade of mineral reject generation and threshold value declared	No approved proposal for year 2023-24	Nil	-do-	
3f	Quantity of sub-grade mineral generation in metric tonnes	No approved proposal for year 2023-24	Nil		The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
3g	Grade of sub-grade mineral generation	No approved proposal for year 2023-24	Nil	-do-	
3h	Manual / Mechanized method adopted for segregating from ROM	No approved proposal for year 2023-24	Nil	-do-	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade minerals and reject	No approved proposal for year 2023-24	Nil	-do-	
3j	Provision of drilling & blasting in mineral benches	No approved proposal for year 2023-24	Nil	-do-	
3k	Provision of mining machinery in mineral benches	No approved proposal for year 2023-24	Nil	-do-	
3l	Whether the height of benches in the overburden and mineral suitable for the method of mining proposed in MP/SOM	No approved proposal for year 2023-24	Nil	-do-	
3m	Total area covered under	No approved	Covered		The mine is non-working due to non-

	excavation/pits in Hectares	proposal for year 2023-24	under current (O-C) Workings- 5.85 ha as per the last approved document dtd 23/04/2018.	availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
3n	Ore to OB ratio for the pit/mine during the year	No approved proposal for year 2023-24	Nil	-do-
3o	Total area put in use under different heads at the end of the year in Hectares	No approved proposal for year 2023-24	Covered under current (O-C) Workings- 5.85 ha, Used for waste disposal- 6.16 ha. as per the last approved dtd 23/04/2018.	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
3p	Production of ROM mineral during the last five-year period, as applicable in metric tonnes	2019-20: 60,000 2020-21: 60,000 2021-22: 60,000 2022-23: 60,000 2023-24: No approved proposals.	2019-20: Nil 2020-21: Nil 2021-22: Nil 2022-23: Nil 2023-24: No approved proposals.	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.

3q	General remarks of inspecting officer on the method of mining etc.	i) The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24. ii) Violation issued to the Lessee under Rule 11(4) of MCDR 2017 for late submission of RMP.		

### Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
4b	Location of topsoil, OB & mineral reject dumps	No approved proposal for year 2023-24	Nil	-do-
4c	Number of dumps within lease area and outside lease area	No approved proposal for year 2023-24	Nil	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No approved proposal for year 2023-24	Nil	-do-
4e	Number of active & alive dumps	No approved proposal for year 2023-24	Nil	-do-
4f	Number of dead dumps	No approved proposal for year 2023-24	Nil	-do-
4g	The number of dumps stabilized	No approved proposal for year 2023-24	Nil	-do-
4h	Whether Retaining walls or garland drains all along dumps are there	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also,



				no approved mine plan document available for the year 2023-24.
4i	Length of Retaining wall or garland drain all along dump all in meters	No approved proposal for year 2023-24	Nil	-do-
4j	Number of settling ponds in numbers	No approved proposal for year 2023-24	Nil	-do-
4k	Specific comments of inspecting officer on waste dump management.	<p>i)The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.</p> <p>ii) Violation issued to the Lessee under Rule 11(4) of MCDR 2017 for late submission of RMP.</p>		

#### Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from the mined-out area before starting backfilling	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
5b	Area under backfilling of mined-out area	No approved proposal for year 2023-24	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mined area (Rule 32)	No approved proposal for year 2023-24	Nil	Nil
5d	The total area is fully reclaimed & rehabilitated	No approved proposal for year 2023-24	Nil	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc	<p>i)The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.</p> <p>ii) Violation issued to the Lessee under Rule 11(4)</p>		

	of MCDR 2017 for late submission of RMP.
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### Progressive Mine Closure Plan

S.N	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2). Details should be given in the format as given in Annexure-20.	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
6b	Area available for rehabilitation (ha)	No approved proposal for year 2023-24	Nil	Nil
6c	Afforestation done (ha)	No approved proposal for year 2023-24	Nil	Nil
6d	No. of saplings planted during the year	No approved proposal for year 2023-24	Nil	Nil
6e	Cumulative no. of plants	No approved proposal for year 2023-24	Nil	Nil
6f	Any other specific method of rehabilitation	No approved proposal for year 2023-24	Nil	Nil
6g	The cost incurred on watch & care during the year 22-23 in INR	No approved proposal for year 2023-24	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D)	No approved proposal for year 2023-24	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling	No approved proposal for year 2023-24	Nil	Nil

	(ii) Void filled by waste/tailings			
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area	No approved proposal for year 2023-24	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making a water reservoir	No approved proposal for year 2023-24	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	No approved proposal for year 2023-24	Nil	Nil
6m	Compliance of Rehabilitation of wasteland within lease (i) Afforestation	No approved proposal for year 2023-24	Nil	Nil
6n	Compliance of Rehabilitation of wasteland within lease (ii) Area rehabilitated (ha)	No approved proposal for year 2023-24	Nil	Nil
6o	Compliance of Rehabilitation of wasteland within lease (iii) Method of rehabilitation	No approved proposal for year 2023-24	Nil	Nil
6p	Compliance of Environmental monitoring (core zone & buffer zone)	No approved proposal for year 2023-24	Nil	Nil
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations	i)The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24. ii) Violation issued to the Lessee under Rule 11(4) of MCDR 2017 for late submission of RMP.		

### Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within the lease area	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
7c	Different grades of minerals sorted out at mines	No approved proposal for year 2023-24	Nil	Nil
7d	Any beneficiation process at mines	No approved proposal for year 2023-24	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	<p>i) The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.</p> <p>ii) Violation issued to the Lessee under Rule 11(4) of MCDR 2017 for late submission of RMP.</p>		

### Environment

S.N	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of	No approved proposal for	Nil	The mine is non-working due to

	topsoil (Rule 32)	year 2023-24		non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
8b	Concurrent use or storage of topsoil	No approved proposal for year 2023-24	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No approved proposal for year 2023-24	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	No approved proposal for year 2023-24	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved proposal for year 2023-24	Nil	Nil
8f	Baseline information on the existence of plantation & additional plantation done (Rule 41)	No approved proposal for year 2023-24	Nil	Nil
8g	Survival rate	No approved proposal for year 2023-24	Nil	Nil
8h	Water sprinkling on roads to control airborne dust	No approved proposal for year 2023-24	Nil	The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.
8i	General remarks of inspecting officer on aesthetic beauty in	i)The mine is non-working due to non-availability of statutory clearances. Also, no approved mine plan document available for the year 2023-24.		

	and around mines area	ii) Violation issued to the Lessee under Rule 11(4) of MCDR 2017 for late submission of RMP.		
<b>Compliance with Rule 45</b>				
S.N	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	<p>M.R. Submitted up to May-2024 on 01.06.2024.</p> <p>*****</p> <p>A.R for the year 2023-24 yet to be submitted on date of inspection.</p>		<p>i)The monthly return for the month of Jan-22 has been submitted in electronic form on 4th March 2022 and for the month of March-2023 in electronic form on 3rd May 2023 which is after the due date. ii) The online annual return for the year 2021-22 was not found submitted in electronic form by the lessee on the date of this office inspection. Violation issued under Rule 45(7) of MCDR 2017.</p>
S.N	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	AR 2023-24 yet to be submitted on date of inspection	AR 2023-24 yet to be submitted on date of inspection	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed	AR 2023-24 yet to be submitted on date of	AR 2023-24 yet to be submitted	Nil

	area, dumps etc.	inspection	on date of inspection	
9d	Scrutiny of Annual return on afforestation	AR 2023-24 yet to be submitted on date of inspection	AR 2023-24 yet to be submitted on date of inspection	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	AR 2023-24 yet to be submitted on date of inspection	AR 2023-24 yet to be submitted on date of inspection	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	AR 2023-24 yet to be submitted on date of inspection	AR 2023-24 yet to be submitted on date of inspection	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	AR 2023-24 yet to be submitted on date of inspection	AR 2023-24 yet to be submitted on date of inspection	Nil
9i	Scrutiny of Annual return on fixed assets	AR 2023-24 yet to be submitted on date of inspection	AR 2023-24 yet to be submitted on date of inspection	Nil
9k	Scrutiny of Annual return on mining machinery	AR 2023-24 yet to be submitted on date of inspection	AR 2023-24 yet to be submitted on date of inspection	Nil

**Details of violations observed during current inspection and compliance position of violation pointed out**

<u>Violation observed</u>			<u>Show cause position</u>		
Rule No.	Issued on	Compliance on	Rule No.	Issued on	Compliance on
11(4) MCDR	of 25/06/2024	24/07/2024	45(7) MCDR	of 25/06/2024	24/07/2024

(संदीप कुमार सिंह. /Sandeep Kumar Singh)

वरिष्ठ सहायक खान नियंत्रक/ Senior Assistant Controller of Mines