

**MCDR INSPECTION REPORT**

Date of Inspection: 04/09/2024

**General**

S. N.	Particulars	Details
1	Name of the Mine	Kamanda Bauxite Mines
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	ML Area- 43.067 Ha Forest Area- 18.0530 Ha Non Forest -25.014 Ha
3	Mine code	07ORI13008
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4585/2011
5	Name of the lessee, Address, phone, email and fax number	M/s. Rungta Sons (P) Ltd. Main Road, Barbil-758035, Dist: Keonjhar (Odisha) Fax: 06767-276161
6	Village	Kamanda
7	Taluka/Mandal	Koira
8	District	Sundergarh
9	Pincode	770048
10	State	Odisha
11	Post office	Koira
12	Nearest police station	Koira
13	Nearest Railway station	Barbil
14	Date of Grant of Mining Lease	The lease was executed on 26.02.1985 for the period of 20 years from 26.02.1985 to 25.02.2005. As per the section 8A (6) of the Mines & Minerals (Development & Regulation) Amendment Act 2015, the validity of the lease period has been extended up-to 25.02.2035.
15	Date of Execution	26.02.1985
16	Date of opening of Mine	26.02.1985
17	Date of first Renewal, if applicable and its period & expiry	Not applicable
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	Sri Hirak Mazumder Rungta Office, Main Road, Barbil Dist-Keonjhar, Odisha, 758035 Phone No-06767-276161 Fax No-06767-276161 Email-bbloffice@rungtasons.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri A.S. Mahapatra Rungta Office, Main Road, Barbil Dist-Keonjhar, Odisha, 758035 Phone No-06767-276161 Email-bbloffice@rungtasons.com Date of Appointment – 29.04.2016
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri Rakesh Kumar, P.O-Koira, District: Sundergarg, Odisha-770048, Phone No. 9439315161 Date of appointment: 01.09.2019
23	Name of the Mining Engineer, Qualification and total	Not available

	experience with Address, phone, email, fax number and date of appointment in mine	
24	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not available
25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	Not available
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	The mining plan was submitted and approved by IBM under Rule 24 (A) of MCR 1960 vide letter No. BBS/SG/Bx & Mn/MP-226 dated 05.05.2005
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	The 1st scheme of mining was approved on 25.08.2010 vide letter no-MS/OTF.MECH/37-ORI/BHU/2010-11 valid from 2010-11 to 2014-15. The 2nd Scheme of Mining Plan approved on 01.05.2015 vide letter No-MS/OTFM/18-ORI/BHU/2014-15 valid form 2015-16 to 2019-20. The Review of mining was approved on 07.01.2020 vide letter no. RMP/A/37-ORI/BHU/2019-20.
28	Mineral(s) granted in lease and proved for mining	Bauxite & Mn ore
29	Method of Mining (Opencast, Underground)	Opencast
30	Category (Fully Mechanised, Others or Manual)	OTFM
31	Captive/Non Captive	Non-Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

### Exploration

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
1a	Backlog of previous year	5 nos	Nil	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
1b	Exploration over lease area for Geological axis 1 or 2.	5 nos of boreholes & 5 nos of trial pits are done.	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No such specific proposal is given.	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	27.737 Ha	Nil	
1e	Balance reserves as per latest	384781 MT	Proved Reserve-384781 MT	Reserve-384781

	approved document			MT, Remaining Resources- 10965 MT Total Mineral Resources- 395746MT
1f	General remarks of inspecting officer on geology, exploration etc.	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.		

### Development

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
2a	Location of development w.r.t. lease area	Quarry-2- N156 to S58	Nil	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No proposal for generation of top soil. Separate benches are proposed for OB and mineral.	Nil	
2c	Stripping ratio or ore to OB ratio	1:1.43(MT : m3)	Nil	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	59757 m3	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.		

### Exploitation

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
3a	Number of pits proposed for production	1 no	Nil	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
3b	Quantity of ROM mineral production proposed	41680 MT	Nil	
3c	Recovery of salable/usable mineral from ROM	37512MT	Nil	

	production			
3d	Quantity of mineral reject generation	4168 MT	Nil	
3e	Grade of mineral reject generation and threshold value declared	30-40%	Nil	
3f	Quantity of sub-grade mineral generation	4168 MT	Nil	
3g	Grade of sub-grade mineral generation	30-40%	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Analyzed the chemical analysis	Nil	
3j	Provision of drilling & blasting in mineral benches	Yes	Nil	
3k	Provision of mining machineries in mineral benches	Yes	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3-4m.	Nil	
3m	Total area covered under excavation/pits	19.569 Ha at the end of plan period.	Nil	
3n	Ore to OB ratio for the pit/mine during the year	1:1.43(MT : m3)	Nil	
3o	Total area put in use under different heads at the end of year	Quarry-12.465 Ha Dump-2.72 Ha Area for mineral storage-1.934 Ha Infrastructure-Nil Roads-1.2 Ha Green Belt-1.25 Ha	Quarry-10.335 Ha Dump-1.863 Ha Area for mineral storage-1.416 Ha Roads-0.3 Ha	The mine is non-operational since 2009 as the lease matter is under subjudice. Furnished details are beyond non-operational of the mine period.
3p	Production of ROM mineral during last five-year period, as applicable 2022-23	2020-21:33801MT 2021-22: 34111MT 2022-23: 36994MT 2023-24: 41680MT 2024-25: 41680 MT	2020-21:Nil 2021-22: Nil 2022-23: Nil 2023-24: Nil 2024-25: Nil	
3q	General remarks of inspecting officer on method of	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.		

### Solid Waste Management-Dumping

S.N.	Item	Proposals for, 2023-24	Actual work	Remark
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			during 2023-24	
4a	Separate dumping of topsoil, OB & mineral reject (Rule 33, 37)	No proposal for generation of top soil. Separate benches are proposed for OB and mineral.	Nil	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
4b	Location of topsoil, OB & mineral reject dumps	Location of dump-N173-301 & E489-592	Nil	
4c	Number of dumps within lease area and outside lease area	1 no of dump within the lease area.	Nil	
4d	Location of dumps w.r.t. ultimate pit limit	Location of dump-N173-301 & E489-592	Nil	
4e	Number of active & alive dumps	1No.	Nil	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilized	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Yes	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.		

### Solid Waste Management-Backfilling

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of	The mine is non-operational since 2009 as the lease matter is		

inspecting officer on backfilling, reclamation etc	under subjudice. Hence no activities were carried out during the reporting year.
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### Progressive Mine Closure Plan

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2).	As per Rule 26(2) Annual PMCP report to be submitted before 1st day of July of every year.	Nil	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	i) No such Proposal ii) No such Proposal iii) No such Proposal iv) No such Proposal v) No such Proposal vi) No such Proposal	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	i) Nil ii) Nil iii) Nil iv) Nil v) Nil	i) Nil ii) Nil iii) Nil iv) Nil v) Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) 1000 no of saplings ii) 0.25 Ha. iii) Plantation	i) Nil ii) Nil iii) Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring in Core zone and buffer zone will be as per MOEFCC and SPCB guidelines.	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.		

**Mineral Conservation**

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yes, 30-40% Al <sub>2</sub> O <sub>3</sub> 40% Al <sub>2</sub> O <sub>3</sub> & above	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Nil	
7c	Different grade of mineral sorted out at mines	30-40% Al <sub>2</sub> O <sub>3</sub> 40% Al <sub>2</sub> O <sub>3</sub> & above	Nil	
7d	Any beneficiation process at mines	Only the manual sizing & sorting	Nil	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.		

**Environment**

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
8a	Separate removal and utilization of topsoil (Rule 36)	Nil	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Yes	Yes.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	It is proposed to backfill 0.8 Ha	Nil	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	It is proposed to backfill 0.8 Ha	Nil	
8f	Baseline information on	Total 1000 nos of	Nil	

	existence of plantation & additional Plantation done	plantation has been done		
8g	Survival rate	90%	Nil	
8h	Water sprinkling on roads to control airborne dust	It is proposed to sprinkle water in the haul road & transportation road.	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.		

### Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to August 2024. A.R. Submitted up to – 2022-23		
S.N.	Item	Details given in A.R. for the year 2023-24	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager cum Mining Eng – Rakesh Kumar Geologist-Nil	Mines Manager cum Mining Eng – Rakesh Kumar Geologist-Nil	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
9d	Scrutiny of Annual return on afforestation	NA	NA	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA	NA	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were



				carried out during the reporting year.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA	NA	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
9i	Scrutiny of Annual return on fixed assets	NA	NA	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.
9k	Scrutiny of Annual return on mining machineries	NA	NA	The mine is non-operational since 2009 as the lease matter is under subjudice. Hence no activities were carried out during the reporting year.