

MCDR INSPECTION REPORT**General**

S N	Particulars	Details
1	File no	
2	Name of the Inspecting Officer	Mr Rajesh Kumar Das, DCOM, IBM, BBSR
3	Name of the Mine	Oraghat Iron Mines
4	Total Lease Area (Ha) with breakup of Non-forest and forest land	82.961 Ha. (Forest Land – 74.933, Non-Forest Land – 8.028 Ha.)
5	Mine code	30-ORI-13016
6	Date of Inspection	02/07/2024
7	Name of official accompanying inspection	Sri S.C. Pradhan, Mines Manager cum C.G.M. (Mining) Sri A.S.Mahapatra, Agent cum Sr.V.P (Mining) Sri A.Sen, Sr.V.P (Geology) Sri R. Kumar, Mining Engineer Sri B.D.Sahu, Geologist
8	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4585/2011
9	Name of the lessee, Address, phone, email and fax number	M/s-Rungta Sons(Pvt.) Ltd. At/P.O.- Barbil Dist-Keonjhar Odisha, 758035
10	Village	Oraghat
11	Taluka/Mandal	Koira
12	District	Sundargarh
13	Pincode	770048
14	State	Odisha
15	Post office	Patmunda
16	Nearest police station	Koira
17	Nearest Railway station	Barbil
18	Date of Grant of Mining Lease	10.09.1981
19	Date of Execution	10.12.1982
20	Date of opening of Mine	01.06.1984
21	Date of first Renewal, if applicable and its period & expiry	Not applicable. As per the section 8A (6) of the Mines & Minerals (Development & Regulation) Amendment Act 2015, the validity of the lease period has been extended upto 09.12.2032.
22	Date of second Renewal, if applicable and its period & expiry	NA
23	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
24	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@runtasons.com Date of Appointment – 30.11.2020
25	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@runtasons.com Date of Appointment – 29.04.2016
26	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri S.C. Pradhan Vill.- Oraghat,P.O.-Patmunda Dist- Sundergarh, Odisha, 770048

			Phone No-9437394967 Email- oraghatmines@rungtasons.com Date of Appointment – 10.08.2021
27	Name of the Mining Engineer & Geologist, Qualification and total experience	Mining Engineer Qualification Date of appointment Address phone/email	Sri. Ranjeet Kumar BE (Mining) 01.11.2007 Vill.- Oraghat,P.O.-Patmunda Dist-Sundergarh, Odisha, 770048 Phone No-9438465829 Email- oraghatmines@rungtasons.com 16 Years of experience in field of mining
		Geologist Qualification Date of appointment Address phone/email	Sri. B.D Sahu, M.Sc(Geology), 17.07.2007 Vill.- Oraghat, P.O.-Patmunda Dist-Sundergarh, Odisha, 770048 Phone No-8895320621 Email- Email- oraghatmines@rungtasons.com 16 Years of experience in field of mining
28	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.		Yes
29	Date of Approval of Review of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.		The 1st Mining Plan was approved on 04.09.1995 vide letter no.CAL/SG/Fe/MP-343 for a period of 1994-95 to 1998-99. The 2nd Mining Plan under rule 24A of MCR,1960 has been approved vide letter No.314(3)/2012-MCCM(CZ)/MP-01, Dated 20.07.2012. 1st modification of approved mining plan has been approved on 08.07.2015 vide letter no.MSM/FM/02-ORI/BHU/2015-16/913 2nd modification of approved mining plan has been approved on 02.06.2016 vide letter no. MPM/FM/21-ORI/BHU/2015-16/522 3rd modification of approved mining plan has been approved on 28.12.2016 vide letter no. MPM/FM/23-ORI/BHU/2016-17/7387. No specific condition.
30	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.		Review of the approved mining plan is approved on 10.10.2017 vide letter no. MS/FM/13-ORI/BHU/2017-18/1696 valid from 2018-19 to 2022-23. A modification of approved Review of mining plan has been approved on 28.04.2020 vide letter no. MPM/A/13-ORI/BHU/2019-20/253 valid from 2020-21 to 2022-23. A modification of approved Review of mining plan has been approved on 24.12.2020 vide letter no. MRMP/A/35-ORI/BHU/2020-21/2367 valid from 2020-21 to 2022-23. No specific condition. A modification of Review of mining plan has

		been approved on 23.04.2021 vide letter no. MRMP/A/01-ORI/BHU/2021-22/175 valid from 2021-22 to 2022-23. No specific condition. Review of mining plan along with Progressive Mine closer Plan (PMCP) has been approved on 10.01.2023 vide letter no. BBS/SNG/IRON/2187/RMP/2022-23 valid from 2023-24 to 2027-28. No specific condition.
31	Mineral(s) granted in lease and proved for mining	Iron Ore
32	Method of Mining (Opencast, Underground)	Open cast
33	Category (Fully Mechanized, Others or Manual)	A-Fully Mechanized
34	Captive/Non Captive	Non-Captive
35	Environment Clearance grant date & limit of EC	File No.29806/28-NCMB1/11-2018,Dt.-29.04.2019, 8.35 million T.P.A
36	CTO	No-4816/IND-I-CON-2267,Dt.-27.03.2023, 8.35 million T.P.A

Exploration

S.N	Item	Proposals(2023-24)	Actual work	Remarks
1a	Backlog of previous year	No borehole of previous year was backlogged. During 2023-24 no boreholes were proposed	30nos(non -coring -27 nos,Core-3 nos.) of boreholes are done during 2023-24	
1b	Exploration over lease area for Geological axis 1 or 2.	The entire lease area (82.961 Ha) explored in G1 level	The entire lease area (82.961 Ha) explored in G1 level	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	1. VKS Mining Services 2. Gems Project Exp-9.04 lakhs	
1d	Balance area to be explored to bring Geological axis in 1 or 2	The entire lease area (82.961 Ha) explored in G1 level	The entire lease area (82.961 Ha) explored in G1 level	
1e	Balance reserves as on 01.04.2023 (in MT)	As per latest approved Review of mining plan approved on 10.01.2023, the reserve as on date 01.09.2022 is 51.81 Million Tonne, Remaining Resources-10.43 Million Tonne total reserves & resources-62.24 Million Tonne	As per the annual return submitted to IBM the reserve as on 01.04.2024 is -41.73 Million Tonne, Remaining Resources-10.43 Million Tonne total reserves & resources-52.16 Million Tonne	
1f	General remarks of inspecting officer on geology, exploration etc.	The Oraghat Iron ore deposit forms a part of pre-cambrian sedimentary formation known as the Iron-ore series developed in Singhbhum-Keonjhar-Bonai area. The general strike of the formation in Northern Singhbhum is NNE-SSW, but gradually changing over to NW-SE in the eastern part and in the adjoining area of Mayurbhanj. The lease area is broadly explored in G1.		

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Kusum pit & Chattan pit	Broadly within proposed area.	

		N/S-2425005.8700 to N/S-2425705.2200 & E/W-324915.2600 to E/W-326108.7200		
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal for top soil generation. Separate benches were proposed for Ore & OB excavation. Kusum pit : NE to SE part - (RL-630, 621,612,603,594,585,576,567,558,549,540,531,522 & 513) NE to NW part - (RL-630, 621,612,603,594,585,576,567,558,549,540,531,522 & 513) NW to SW part - (RL-603, 594,585,576,567,558,549,540,531,522 & 513)	No top soil generated. Ore & OB benches are made separately. Broadly as per proposal.	
2c	Stripping ratio or ore to OB ratio(T/cum)	1:0.20	1:0.17	
2d	Quantity of topsoil generation in m ³	No proposal	No top soil generated	Generally Morrum mixed soil is found within the lease area. Top soil found is of very negligible thickness. This can't be extracted separately.
2e	Quantity of overburden/waste generation in m ³	1449878.00 Cum	924092.85 Cum	Due to less production, less waste generated,
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	During mine visit it was observed that that bench parameters are not as per proposal. The maximum height of bench is proposed 9 meter and minimum with 9-12 meter but bench height in Kusum pit in many places 12-14 meter and width also less than proposal. The bench height between BP13-BP14 is 15 meter.		

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	01	01	Done as per the proposal
3b	Quantity of ROM production	ROM from Mines 7350000 M.T.	5449579.070 M.T.	
		Dump working 800000 M.T.	798994.230 M.T.	
3c	Recovery of	ROM from Mines	5591005.770 M.T.	

	salable/usable mineral from ROM production	7350000 M.T. Dump working 800000 M.T.	798994.230 M.T.	
3d	Quantity of mineral reject generation	No proposal for mineral rejects generation. As the ROM is an admixture of High grade & low grade ore and due to mechanized mining operation, the ROM & mineral reject will be judiciously blended before dry processing.	No mineral reject generated	As mechanized mining operation has been done, the low grade ore as available in ROM is judiciously blended before dry screening & crushing to make it saleable.
3e	Grade of mineral reject generation and threshold value declared	Grade of mineral reject is 45-55% of Fe & threshold value is 45% of Fe content	Grade of mineral reject is 45-55% of Fe & threshold value is 45% of Fe content.	No deviation.
3f	Quantity of sub-grade mineral generation	No proposal	No sub grade generated.	As mechanized mining operation has been done, the low grade ore as available in ROM is judiciously blended before dry screening & crushing to make it saleable.
3g	Grade of sub-grade mineral generation	Grade of Sub grade 45-55%	Grade of mineral Sub grade 45-55%	
3h	Manual / Mechanized method adopted for segregating from ROM	Mechanized	Mechanized	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No such Proposal	NA	
3j	Provision of drilling & blasting in mineral benches	Deep Hole drilling depth 10m, spacing 3 & burden 2.5m & blasting was proposed and rock breakers will be used for breaking of large boulders to avoid secondary blasting.	Controlled blasting technique with depth 10m, spacing 3 m & burden 2.5m has been adopted. The rock breakers have been used for breaking of large boulders to avoid secondary blasting..	
3k	Provision of mining machineries in mineral benches	The width of mineral benches are proposed to keep upto 20m for movement of mining machineries	The width of mineral benches are kept upto 20m for movement of mining machineries	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, it is proposed to keep the bench height up to 9mtr for both Ore & OB benches.	Yes, it is proposed to keep the bench height up to 9mtr for both Ore & OB benches.	
3m	Total area covered under excavation/pits	56.312 ha	56.312 ha	
3n	Ore to OB ratio (Te/m ³) for the pit/mine during the year	1:0.20	1:0.17	

3o	Total area put in use under different heads at the end of year	Area under Mining – 56.31 Ha Waste Dump Site – 9.53 Ha Mineral Storage – 2.04 Ha Infrastructure, Workshop, Administrative building etc – 0.22 Ha Road – 1.82 Ha Mine camp, township area-0.95 Ha Other (Green belt) – 6.74 Ha. Total area proposed for utilization-77.61 Ha	Area under Mining - 56.31 Ha., Waste Dump Site - 9.53Ha, Mineral storage- 2.04Ha., Infrastructure, Workshop, Administrative building etc – 0.22 Ha Road – 1.82 Ha Mine camp, township area-0.95 Ha Green belt-6.74 Ha.; Total area- 77.61 Ha	Out of total quarry area, Reclaimed and rehabilitated area is 6.966Ha
3p	Production of ROM mineral during last five-year period, as applicable			
	Year- 2019-20	ROM from Mines 7350000 M.T.	4389044.490 M.T.	
	Year- 2020-21	ROM from Mines 7350000 M.T.	4241667.595 M.T.	
		Dump Working 1000000 M.T.	866411.000 M.T.	
	Year- 2021-22	ROM from Mines 9000000 M.T.	5765983.91 M.T.	
		Dump Working 1000000 M.T.	832911.360 M.T.	
	Year-2022-23	ROM from Mines 10000000 MT	5242760.86 M.T.	
		Dump Working 1000000 M.T.	1000000 M.T.	
Year-2023-24	ROM from Mines 7350000 M.T.	5449579.070 M.T.		
	Dump Working 800000 M.T.	798994.230 M.T.		
3q	General remarks of inspecting officer on method of mining etc.	The method of mining is by opencast method by using HEMM and deep hole drilling and blasting.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal for top soil & mineral reject generation . Separate dumping for OB is proposed to be done in preselected area.	No top soil & mineral reject generated. Separate dumping for OB is proposed to be done in preselected area.	
4b	Location of topsoil, OB & mineral reject dumps	No proposal for top soil & generation of mineral reject. During the mining operation the waste generated is proposed to	No proposal for top soil & generation of mineral reject. During the mining operation the waste generated is utilised for	

		utilise for Backfilling of exhausted Kendu pit and dumping over the already backfilled area of Kendu pit (N/S-2424926.5300 to N/S-2425348.3200 ,E/W-326029.7900 to E/W-326453.3000	Backfilling of Kendu pit and dumping over the already backfilled area of Kendu pit (N/S-2424926.8800 to N/S-2425348.3200 ,E/W-326112.8400 to E/W-326439.9900	
4c	Number of dumps within lease area and outside lease area	02 no of dumps within the lease area	02 no of dumps within the lease area	Rehandling of dump-1 is under progress.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)		Dump-1 :-N-2425253 to N-2425535 & E-325892 to E-326260 Dump-3 : N-2424878 to N-2425112 & E-326150 to E-326360	
4e	Number of active & alive dumps	The waste generated is proposed to be utilized for backfilling of exhausted quarry.	The waste generated is utilized for backfilling of exhausted quarry.	No such deviation.
4f	Number of dead dumps	2 nos. of non active dumps , out of which dump-1 is proposed to be rehandled.	2 nos. of non active dumps, out of which rehandling of dump-1 is continuing.	No such deviation.
4g	Number of dumps stabilized	01(Dump-3)	01(Dump-3)	Rehandling of dump-1 is under progress.
4h	Whether Retaining wall or garland drain all along dumps are there	Yes	Yes	Total 1832of retaining wall & 2608m of garland drain is constructed at the toe of waste Dump-1 & Dump-3.
4i	Length of Retaining wall or garland drain all along dump	Retaining Wall & Garland Drain of 230m each was proposed around Back filled area in Kendu Pit area.	Retaining Wall done as per proposal but Garland Drain not done as per proposal.	
4j	Number of settling ponds	No Proposal	01 no.	
4k	Specific comments of inspecting officer on waste dump management	During mine visit it was observed that waste dumping is broadly as per proposal but the drainage is not done as per proposal and existing drainage also filled with silt and boulder.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	During the mining operation the waste generated is proposed to utilise for Backfilling of exhausted Kendu pit and dumping over the already backfilled area of Kendu pit	The waste generated has been utilised for Backfilling of exhausted Kendu pit and dumping over the already backfilled area of Kendu pit.	

5b	Area under backfilling of mined out area	2.375 Ha	1.719 Ha	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal as no proposal for generation of top soil	No top soil is generated within the lease area.	
5d	Total area fully reclaimed & rehabilitated	No such specific proposal	Backfilling and afforestation done.	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Broadly as per proposal.		

Progressive Mine Closure Plan

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly under Rule 26(2).	To be submitted on or before 1 st July,2024	Annual report on PMCP for the year 2023-24 is submitted on 26.06.2024	No deviation
6b	Area available for rehabilitation (ha).	1.20 Ha	1.25 Ha	Rehabilitation by Plantation was proposed to be done in backfilled area.
6c	Afforestation done (ha).	1.2 Ha	1.25 Ha	
6d	No. of saplings planted during the year	10000 Nos.	14000Nos.	More than the proposal
6e	Cumulative no. of plants	107459 Nos.	180967 Nos	More than the proposal
6f	Any other method of rehabilitation	No such proposal	NA	
6g	Cost incurred on watch and care during the year	-	8.20 lakh	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	-	i)(350x166x42)m	The backfilling area is less than the proposal due to less waste generation
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	ii)1449878 m3	ii) 924092.85 m3	The backfilling area is less than the proposal due to less waste generation
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	10000 nos.	10000 nos	No deviation
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	No proposal	No deviation
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	By back filling	By back filling	No deviation
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	2000 Nos (causality replacement)	Casual replacement in safety zone, green belt and vacant area.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Causality replacement	Causality replacement	No deviation
6o	Compliance of rehabilitation of waste land within lease (iii) Method of	By plantation	By plantation	No deviation

	rehabilitation			
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly Environmental monitoring at 4 locations for ambient air quality; 4 locations for water quality; Noise level survey at 4 locations	Monthly Environmental monitoring at 6 locations for ambient air quality; 6 locations for water quality; Noise level survey at 6 locations	Monitoring of Environmental parameters in Core as well as buffer zone has been carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Broadly as per proposal.		

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	73,50,000 MT (+55% Fe) (CLO+Fines)	The produced ROM iron ore is dispatched after necessary screening/crushing. Different grades of ore dispatched after necessary processing are: <u>Lumps</u> 44359.237 (62-65%) 725053.400 (60-62%) 998283.124 (58-60%) 6125.000 (55-58%) <u>Fines</u> 7900.000(+65%) 131426.990 (62-65%) 589677.595 (60-62%) 4209291.829 (55-58%)	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	No deviation
7c	Different grade of mineral sorted out at mines	73,50,000 MT (+55% Fe) (CLO+Fines) and 8,00,000MT (+55% Fe) (from old dump/low grade stack)	Different grades of ore produced are: <u>Lumps</u> 20395.000 (62-65%) 601156.490 (60-62%) 816230.000 (58-60%) 6950.000 (55-58%) <u>Fines</u> 7900.000 (+65%) 123198.893 (62-65%) 701930.000 (60-62%) 4112239.617 (55-58%)	The ROM ore is an admixture of high grade & low grade ore. During ROM ore excavation, different ore type are judiciously blended before processing for getting +55% of Fe.
7d	Any beneficiation process at mines	No beneficiation proposal has been given	No beneficiation has been done.	No deviation
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	No proposal	No deviation
8b	Concurrent use or storage of topsoil	No proposal	No proposal	No deviation
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps for overburden and mineral reject stacks, waste rocks are proposed.	Separate dumps for overburden and mineral stacks and other waste rocks like BHJ/BHQ are stacked separately.	Waste /OB used in Back-filling.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	The waste generated is proposed to use for Backfilling of exhausted Kendu pit area. The backfilled area is proposed to be surrounded by retaining wall followed by garland drain.	The waste generated is used for Backfilled of exhausted Kendu Pit area. The retaining wall around backfilled area is surrounded by retaining wall followed by garland drain.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	The reclamation, rehabilitation of Pits & dumps are proposed to be done phase wise with respect to the partly of fully exhaustion of ore.	The reclamation, rehabilitation of Pits & dumps has been done phase wise with respect to the partly of fully exhaustion of ore.	No deviation
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Tilldate cumulative 164912 nos. of plantation are proposed to be done out of which 10000 nos of plantation has been proposed to be done during 2023-24.	Tilldate cumulative 180967 nos. of plantation are proposed to be done out of which 14000 nos of plantation has been planted during 2023-24	No deviation
8g	Survival rate	60%	86%	No deviation
8h	Water sprinkling on roads to control airborne dust	13 nos of water tanker are proposed for dust suppression on haul road. Capacity-12 & 20 KL	2.617 km length of Fixed water sprinklers and 8 nos of water tanker (4 nos.-12 KL each & 4 nos.-20 KL each) has already been deployed to control dust on haul road.	No deviation
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No such deviation		

Compliance of Rule 45

S.N.	Item	Envisaged in annual return	Observation of I/Officer	Remarks
9a	Status of submission of	The annual return is submitted on 26.06.2024.	The annual return is submitted on 26.06.2024.	No deviation

	Monthly and Annual returns	And monthly return is submitted on 05.06.2024	And monthly return is submitted on 05.06.2024																													
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri S.C. Pradhan, (Mines Manager) Mr. Ranjit Kumar, (Mining Engineer) Mr.B.D.Sahu, (Geologist).	Sri S.C. Pradhan, (Mines Manager) Mr.Ranjit Kumar, (Mining Engineer) Mr.B.D.Sahu, (Geologist).	No deviation																												
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	<table border="1"> <tr> <td>Already exploited & abandoned by opencast(O/C) mining</td> <td>0.00</td> </tr> <tr> <td>Covered under current working</td> <td>56.312</td> </tr> <tr> <td>Reclaimed / rehabilitated</td> <td>8.685</td> </tr> <tr> <td>Used for waste disposal</td> <td>9.53</td> </tr> <tr> <td>Occupied by plant buildings, residential, welfare buildings & roads</td> <td>2.99</td> </tr> <tr> <td>Other purpose(mineral storage)</td> <td>2.04</td> </tr> <tr> <td>Work done under progressive mine closure plan during this year</td> <td>1.5</td> </tr> </table>	Already exploited & abandoned by opencast(O/C) mining	0.00	Covered under current working	56.312	Reclaimed / rehabilitated	8.685	Used for waste disposal	9.53	Occupied by plant buildings, residential, welfare buildings & roads	2.99	Other purpose(mineral storage)	2.04	Work done under progressive mine closure plan during this year	1.5	<table border="1"> <tr> <td>Already exploited & abandoned by opencast(O/C) mining</td> <td>0.00</td> </tr> <tr> <td>Covered under current working</td> <td>56.312</td> </tr> <tr> <td>Reclaimed / rehabilitated</td> <td>8.685</td> </tr> <tr> <td>Used for waste disposal</td> <td>9.53</td> </tr> <tr> <td>Occupied by plant buildings, residential, welfare buildings & roads</td> <td>2.99</td> </tr> <tr> <td>Other purpose(mineral storage)</td> <td>2.04</td> </tr> <tr> <td>Work done under progressive mine closure plan during this year</td> <td>1.5</td> </tr> </table>	Already exploited & abandoned by opencast(O/C) mining	0.00	Covered under current working	56.312	Reclaimed / rehabilitated	8.685	Used for waste disposal	9.53	Occupied by plant buildings, residential, welfare buildings & roads	2.99	Other purpose(mineral storage)	2.04	Work done under progressive mine closure plan during this year	1.5	
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9d	Scrutiny of Annual return on afforestation	10000 nos	14000 nos																													
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil																													
9f	Scrutiny of Annual return on ROM stock and/or graded ore	46768.290MT	46768.290MT																													
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex. Mine price :- CLO:- (a) Below 62% Fe (CLO any size) 4218.23 (b) 62% to below 65%Fe (5-18 mm size CLO) 5964.04	While scrutiny of Annual returns 2023-24 few discrepancies observed 1.As per the table Ex-mine price of 55-58% fe (fines) is more than Ex-mine price of 60-62%Fe &																													

		<p>(c) 62% to below 65%(10-40 mm size CLO) 5958.94</p> <p>(d) 62% to below 65% Fe (CLO others) 0.000</p> <p>(e) 65% and above Fe(5-18mm size CLO) 0.000</p> <p>(f)65% and above Fe (10-40 mm size CLO 0.000</p> <p>(g) 65% and above Fe (CLO Others) 0.000</p> <p>Fines:-</p> <p>(a)45% to below 51% Fe 0.000</p> <p>(b) 51% to below 55% Fe 0.000</p> <p>(c) 55% to below 58% Fe 4529.51</p> <p>(d) 58% to below 60% Fe 0.000</p> <p>(e) 60% to below 62% Fe 3929.86</p> <p>(f) 62% to below 65% Fe 4631.54</p> <p>(g) 65% and above Fe 4417.30</p> <p>Concentrates:- 0.000</p> <p>Production Cost:- Total 1517.04</p>	<p>above 65%fe.</p> <table border="1"> <thead> <tr> <th>FE%(Fines)</th> <th>Ex-Mine Price(Rs)</th> </tr> </thead> <tbody> <tr> <td>55-58%</td> <td>4529</td> </tr> <tr> <td>60-62%</td> <td>3929.86</td> </tr> <tr> <td>62-65%</td> <td>4631.54</td> </tr> <tr> <td>Above 65%</td> <td>4417.30</td> </tr> </tbody> </table> <p>2. The Ex-mine price of CLO below 62%Fe is less than the Ex-mine price of the entire grade (except 60-62% fe) of fines as mentioned in the return.</p> <p>3. The Iron Ore dispatch to M/S Rungta Mines limited is mentioned as domestic sale.</p>	FE%(Fines)	Ex-Mine Price(Rs)	55-58%	4529	60-62%	3929.86	62-65%	4631.54	Above 65%	4417.30																																																															
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