MCDR INSPECTION REPORT

Date of Inspection: 05/11/2024

General

S. N. Name of the Mine Total Lease Area (Ha) with breakup of Non-forest and forest land Mine code BM Registration Number under rule 45 of MCDR, 1988 Name of the lessee, Address, phone, email and fax number Total Lease Area – 70.917Ha, Forest land –16.518 Ha, Mine code BM Registration Number under rule 45 of MCDR, 1988 Name of the lessee, Address, phone, email and fax number Total Lease Area – 70.917Ha, Forest land –16.518 Ha, MORIJ024 BM/45759/2023 BM/45759/2023 Grewal Minerals & Metals LLP, Post Box No. 44, Barbil — At/Po — Barbil, Distr. — Keonjihar (Odisha), Pin — 758035, Phone No. —06767-275686, E-mail: Bap sponge@yahon.co.in. Fax No. —06767-275631 Sanindpur Taluka/Mandal District Sundargarh Pincode 770048 Odisha District Sundargarh Post office Patmunda Koira Nearest Railway station Barbil All Date of Grant of Mining Lease 2404/1980 Date of Execution Date of Execution Date of Ist Renewal, if applicable and its period & expiry Date of submission of renewal application if Mining Operations are continuing under deemed extension Date of submission of renewal application if Mining Operations are continuing under deemed extension Name of the Nominated Owner with Address, phone, email, fax number and date of appointment Name of the Mine Agent with Address, phone, email, fax number and date of appointment Name of the Mine Manager with Address, phone, email, fax number and date of appointment Name of the Mine Manager with Address, phone, email, fax number and date of appointment Name of the Mine Manager with Address, phone, email, fax number and date of appointment Name of the Mine Manager with Address, phone, email, fax number and date of appointment Name of the Mine Manager with Address, phone, email, fax number and date of appointment Name of the Mine Manager with Address, phone, email, fax number and date of appointment Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines — 2.12.2021 Name of the Mining Engineer, Qualificatio			
Name of the Mine		Particulars	Details
and forest land Mine code IBM Registration Number under rule 45 of MCDR, 1988 Name of the lessee, Address, phone, email and fax number Name of the lessee, Address, phone, email and fax number Name of the lessee, Address, phone, email and fax number Name of the lessee, Address, phone, email and fax number Name of the Mine Agent with Address, phone, email, fax number and date of appointment number Name of the Mine Agent with Address, phone, email, fax number and date of appointment number		Name of the Mine	Sanindpur Iron & Mn. Mine
IBM Registration Number under rule 45 of MCDR, 1988	2	` ′ ′	Forest land –54.399 Ha., Non-
IBM Registration Number under rule 45 of MCDR, 1988	3	Mine code	300RI13024
Name of the lessee, Address, phone, email and fax number Name of the lessee, Address, phone, email and fax number Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of appointment in mines Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines Name of the Mines Manager with Addr	-	IBM Registration Number under rule 45 of MCDR,	
Taluka/Mandal Bonai	5		Post Box No. 44, Barbil At/Po – Barbil, Distt. – Keonjhar (Odisha), Pin – 758035, Phone No. – 06767-275686, E-mail – gapl sponge@yahoo.co.in,
Taluka/Mandal Bonai	6	Village	
8 District Sundargarh 9 Pincode 770048 10 State Odisha 11 Post office Patmunda 12 Nearest police station Koira 13 Nearest Railway station Barbil 14 Date of Grant of Mining Lease 24/04/1980 15 Date of Execution 10/09/1980 16 Date of opening of Mine 03/05/2021 17 Date of first Renewal, if applicable and its period & expiry Renewal deed was granted on dt.18.07.2003 w.e.f. 10.09.2000 to 09.09.2020 Supplementary lease deed was granted on dt.19.05.2021 &valid up to dt.09.09.2030 18 Date of second Renewal, if applicable and its period & expiry N.A. 19 Date of submission of renewal application if Mining Operations are continuing under deemed extension 20 Name of the Nominated Owner with Address, phone, email, fax number and date of appointment 21 Name of the Mine Agent with Address, phone, email, fax number and date of appointment 22 Name of the Mines Manager with Address, phone, email, fax number and date of appointment numines 22 Name of the Mines Manager with Address, phone, email, fax number and date of appointment numines 3 Sachikanta Behera, Diploma(Mining), FCC(METAL) At – Sanindpur, Po – Patmunda, Distt. – Sundargarh (Onitsha), Mob. – 09437824433, E-mail: sachikanta.behera425@gmail.com Date of appointment in mines – 22.12.2021			*
9 Pincode 770048 10 State Odisha 11 Post office Patmunda 12 Nearest police station Koira 13 Nearest Railway station Barbil 14 Date of Grant of Mining Lease 24/04/1980 15 Date of Execution 10/09/1980 16 Date of opening of Mine 03/05/2021 17 Date of first Renewal, if applicable and its period & expiry Patential Renewal, if applicable and its period & expiry Patential Renewal, if applicable and its period & expiry Patential Renewal, if applicable and its period & expiry Patential Renewal Renewal, if applicable and its period & expiry Patential Renewal Renewal, if applicable and its period & expiry Patential Renewal Renewal, if applicable and its period & expiry Patential Renewal R			
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Nearest police station Barbil			Patmunda
13 Nearest Railway station Barbil 14 Date of Grant of Mining Lease 24/04/1980 15 Date of Execution 10/09/1980 16 Date of opening of Mine 03/05/2021 17 Date of first Renewal, if applicable and its period & expiry 1st Renewal deed was granted on dt. 18.07.2003 w.e.f. 10.09.2000 to 09.09.2020 Supplementary lease deed was granted on dt. 19.05.2021 & walid up to dt.09.09.2030 18 Date of second Renewal, if applicable and its period & expiry N.A. 19 Date of submission of renewal application if Mining Operations are continuing under deemed extension N.A. 20 Name of the Nominated Owner with Address, phone, email, fax number and date of appointment N.A. 21 Name of the Mine Agent with Address, phone, email, fax number and date of appointment N.A. 22 Name of the Mines Manager with Address, phone, email, fax number and date of appointment Sachikanta Behera, Diploma(Mining), FCC(METAL) At - Sanindpur, Po - Patmunda, Distt Sundargarh (Onitsha), Mob 09437824433, E-mail: sachikanta.behera425@gmail.com Date of appointment in mines - 22.12.2021			Koira
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Date of Execution 10/09/1980 10/09/198			24/04/1980
Date of first Renewal, if applicable and its period & expiry			10/09/1980
Date of first Renewal, if applicable and its period & expiry	16	Date of opening of Mine	03/05/2021
Date of second Renewal, if applicable and its period & expiry	17	Date of first Renewal, if applicable and its period &	dt.18.07.2003 w.e.f. 10.09.2000 to 09.09.2020 Supplementary lease deed was granted on dt.19.05.2021 &valid
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email, fax number and date of appointment Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines Sachikanta Behera, Diploma(Mining), FCC(METAL) At – Sanindpur, Po – Patmunda, Distt. – Sundargarh (Onitsha), Mob. – 09437824433, E-mail: sachikanta.behera425@gmail.com Date of appointment in mines – 22.12.2021	20		N.A.
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Name of the Mining Engineer, Qualification and Sri Suryalok Sahoo, BE(Mining),	22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in	Diploma(Mining), FCC(METAL) At – Sanindpur, Po – Patmunda, Distt. – Sundargarh (Onitsha), Mob. – 09437824433, E-mail: sachikanta.behera425@gmail.com Date of appointment in mines – 22.12.2021
	23	Name of the Mining Engineer, Qualification and	Sri Suryalok Sahoo, BE(Mining),

., 2022 32		
	total experience with Address, phone, email, fax number and date of appointment in mine	Experience:05Years, At/Radhaballavpur,Po:- Banhatia Distt.: Bhadrak, Odisha,756117. Mobile: 8895947032 Date of appointment: 05.11.2021
24	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Bikram Kumar swain, M. Sc. in Geology, Experience: 16 Years, At: Repurpatana Po: Borikhi Distt. Jagatsinghpur (Odisha), Mob.: 07653007026 E-mail: bikramkumar2007@gmail.com Date of appointment in mines:10.01.2022
25	Whether Geologist and Mining Engineer appointed	Yes,
23		
	in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	Mining Engineer: Sri Suryalok Sahoo, BE(Mining), Experience:05Years, At/Radhaballavpur,Po:- Banhatia Distt.: Bhadrak, Odisha,756117. Mobile: 8895947032 Date of appointment: 05.11.2021
		Geologist: Bikram Kumar swain, M. Sc. in Geology, Experience: 16 Years, At: Repurpatana Po: Borikhi Distt. Jagatsinghpur (Odisha), Mob.: 07653007026 E-mail: bikramkumar2007@gmail.com Date of appointment in mines: 10.01.2022
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in	Approval of Mining Plan vides Letter No. BBS/SG/Fe & Mn/MP dated 27.02.2001 for 2000-01 to
	approval letter, if any.	2004-05 Approval of Review of Mining Plan vide Letter No. RMP/A/24- ORI/BHU/2019-20 on 14.11.2019for 2020-21 to 2024- 25 Approval of Modification of Review of Mining Plan vides Letter No. MRMP/A/36-ORI/BHU/2021-22 on 23.03.2022 for 2022-23 to
		2024-25
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	1 st Scheme of Mining vide Letter No.314(3)/2007/MCCM/(CZ)/MS -26 Dt. 20.12.2007for 2005-06 to 2009-10
		2 nd Scheme of Mining vide Letter No.MS/OTF.MECH/13-ORI/BH U/2010-11 Dt. 08.06.2010 for 2010-11 to 2014-15
		Modification of Approved
		Scheme of Mining vide Letter No. MSM/OTFM/16-ORI/BHU/2011-
	I	

		12 Dt. 08.07.2011 for 2011-12 to
		2014-15
		3 rd Scheme of Mining vide
		Letter No. MS/FM/25-ORI/BHU/
		2014-15 Dt. 15.05.2015 for 2015-
		16 to 2019-20
28	Mineral(s) granted in lease and proved for mining	Iron Ore
29	Method of Mining(Opencast, Underground)	Opencast
30	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
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	Nil	Nil	Lessee has already carried out G1 level of exploration within the lease area.
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	Lessee has already carried out G1 level of exploration within the lease area.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	Lessee has already carried out G1 level of exploration within the lease area.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	Lessee has already carried out G1 level of exploration within the lease area.
1e	Balance reserves as per latest approved document		14.835(Mil.T.)	As on 31.03.2024
1f	General remarks of inspecting officer on geology, exploration etc.	There is no such proposal for exploration during the FY 2023-24, as the entire potential mineralized area have been explored under G1 level of exploration. eted in FY 2024-25 prior to the inspection. As per submitted AR of 2023-24 about 14.835million tonnes of reserve available in the mine.		

Development

S.N.	Item	Proposals for,	Actual work	Remark	
		2023-24	during 2023-24		
2a	Location of development w.r.t.	<u>UTM</u>	<u>UTM</u>		
	lease area	Pradhan pit &	Pradhan pit &		
		Hutting pit	Hutting pit		
		325800-	325700-		
		2424863 326000-	2424663 325000-		
		2424628	2424500		
		<u>Crusher pit</u>	<u>Crusher pit</u>		
		325400-	325325-		
		2424943	2424825		
		325400-	325325-		
		2424856	2424700		
2b	Separate benches in topsoil,	Width-8	Width-8		
	overburden and mineral (Rule 15)	Length- 8	Length- 8		
			There are no		
			Top soil		
			benches.		
			Separate		
			benches in		
			overburden and		
			minerals has		
			been developed		
			as per		
			development		
			program during		
			2023-24		
2c	Stripping ratio or ore to OB ratio	1:0.155 (T/m ³)	1:0.157 (T/m ³)		
2d	Quantity of topsoil generation in m3	Nil	Nil		
2e	Quantity of overburden	379800.000 m ³	129210.000 m ³		
	generation in m3				
2f	General remarks of inspecting	The lessee has	carried out the de	evelopment and	
	officer on development of pit	production partially within the proposal but the			
	w.r.t. type of deposit etc	lessee could not able to achieve the proposal during			
		the reporting year due to obtaining the statutory			
		clearances during the last quarter of the FY 2023-			
		24. However, a violation letter under rule 11(1) of			
		MCDR 2017 vide dated 28.11.2024 has been issued			
		to the lessee in the	his regard.		

Exploitation

N.	Item	Proposals for,	Actual work	Remark
		2023-24	during 2023-24	
3a	Number of pits proposed for	3 nos.	2 nos.	
	production			
3b	Quantity of ROM mineral	2218790.000	409815.000	
	production proposed			
3c	Recovery of salable/usable	1783740.000	409815.000	
	mineral from ROM production			
3d	Quantity of mineral reject	435050.000	Nil	
	generation			

3e	Grade of mineral reject generation and threshold value	55%	55%	
3f	declared Quantity of sub-grade mineral	Nil	Nil	
3g	generation Grade of sub-grade mineral	Nil	Nil	
3h	generation Manual / Mechanised method adopted for segregating from	Mechanized	Mechanized	
3i	Any analysis or beneficiation	Nil	Nil	
	study proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches	Deep hole drilling and blasting	Deep hole drilling and blasting	
3k	Provision of mining machineries in mineral benches	Backhoe, Rock breaker, drill machine & Dumpers	Backhoe, Rock breaker, drill machine & Dumpers	
31	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 6 mtr for both Ore & OB benches.	Height and width of benches were more or less in order as per the proposal of the approved document.	
3m	Total area covered under excavation/pits	31.196 ha	30.223 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.155 (T/m³)	1:0.157 (T/m³)	
30	Total area put in use under different heads at the end of year	Mining- 31.196 Mineral storage- 14.957 Infrastructure Workshop, administrative Building, Roads etc 3.722 OB dump- 6.618 Total area put to use- 56.493	Mining- 30.223 Mineral storage- 14.957 Infrastructure Workshop, administrative Building, Roads etc2.152 OB dump- 6.618 Total area put to use- 53.950	
3p	Production of ROM mineral during last six-year period, as applicable (MT) 2019-2020 2020-2021 2021-2022 2022-2023	2019- 2020-:4100012M T 2020- 2021-:410001 MT 2021-	2019-2020-: Nil 2020-2021-: Nil 2021-2022-: Nil 2022- 2023-:409822 MT 2023- 2024:409847 MT	

	2023-2024	2022-:413532		
	2024-2025	MT		
		2022-		
		2023-:413917		
		MT		
		2023-2024-:		
		1136135MT		
3q	General remarks of inspecting	The lessee has	carried out the de	velopment and
	officer on method of	production partial	ly within the proposa	l but the lessee
		could not able to	o achieve the propo	sal during the
		reporting year due	to obtaining the statu	ıtory clearances
		during the last quarter of the FY 2023-24.However, a		
		violation letter un	der rule 11(1) of MO	CDR 2017 vide
		dated 28.11.2024	has been issued to th	ne lessee in this
		regard.		

Solid Waste Management-Dumping

S.N.	Item	Proposals for, 2023-24	Actual work during 2023- 24	Remark
4a	Separate dumping of topsoil, OB & mineral reject (Rule 33, 37)	Separate dumps for overburden and mineral reject stacks, waste rocks are proposed. OB Dump-III	Separate dumps for Over-burden and mineral stacks and other waste rocks are being practiced and mineral rejects are being blended with high grade ore to make it suitable grade based on the requirement of buyers. OB Dump-III	
4b	Location of topsoil, OB & mineral reject dumps	N-2424120 E-325930 N-2423900 E-326160	N-2424120 E-325930 N-2423900 E-326160	
4c	Number of dumps within lease area and outside lease area	3 OB dump Within lease area	3 OB dumps Within lease area	
4d	Location of dumps w.r.t. ultimate pit limit	N-2424120	N-2424120	

		E-325930	E-325930	
		N-2423900	N-2423900	
		E-326160	E-326160	
4e	Number of active & alive dumps	One	One	
4f	Number of dead dumps	02	02	
4g	Number of dumps stabilized	Nil	Nil	
4h	Whether Retaining wall or	Yes, about 45	Yes, about 50	
	garland drain all along dumps	mtr of	mtr. And	
	are there	retaining wall		
			1375 mtr of	
		garland drains		
		have been	and 50mtr &	
		proposed to	cumulatively	
		construct	100mtr of	
		around the	garland drains	
		waste dumps	have been	
		and subgrade	constructed	
		stacks during		
		the FY 2023- 24.	waste dumps and subgrade	
		24.	stacks till the	
			FY 2023-24.	
4i	Length of Retaining wall or	Yes, about 45	Yes, about 50	
	garland drain all along dump	mtr of	mtr. And	
		retaining wall	cumulatively	
		and 45 mtr of	1375 mtr of	
		garland drains	retaining wall	
		have been	and 50mtr &	
		proposed to	cumulatively	
		construct	100mtr of	
		around the	garland drains	
		waste dumps	have been	
		and subgrade	constructed	
		stacks during		
		the FY 2023-	waste dumps	
		24.	and subgrade	
			stacks till the FY 2023-24.	
4j	Number of settling ponds	Nil	Total 03 nos of	
-5	Transcr or setumg penus		Settling pond	
			around the	
			waste dump	
			&02 nos of	
			Settling pond	
			around sub	
			grade stacks	
			already exists	
			within the ML	
			area till FY	
			2023-24.	

4k	Specific	Specific comments of inspecting		pecting	The lessee has carried out the development and		
	officer	on	waste	dump	production partially within the proposal but the		
	managen	nent			lessee could not able to achieve the proposal during		
					the reporting year due to obtaining the statutory		
					clearances during the last quarter of the FY 2023-24.		
					The lessee has constructed about 50mtr of retaining		
					wall and garland drains against a proposal of 50mtr		
					of retaining wall and garland drains during the		
					reporting year. However, a violation letter under rule		
					11(1) of MCDR 2017 vide dated 28.11.2024 has		
					been issued to the lessee in this regard.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals for,	Actual work	Remark		
		2023-24	during 2023-			
			24			
5a	Status on part or full extraction of	Nil	Nil			
	mineral from mined out area					
	before starting backfilling					
5b	Area under backfilling of mined	Nil	Nil			
	out area					
5c	Concurrent use of topsoil for	Nil	Nil			
	restoration or rehabilitation of					
	mined out area (Rule 36)					
5d	Total area fully reclaimed &	Nil	Nil			
	rehabilitated					
5e	General remarks of inspecting	As the mine is no	t mature enougl	h for backfilling		
	officer on backfilling, reclamation	and there was no	such proposal	for backfilling		
	etc	during the reporting year, hence the management of				
		waste under Backfilling is nil. The lessee has also				
		carried out as per the proposal i.r.o. waste				
		management under	Backfilling.			

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.	The lessee has submitted Annual PMCP report as per Rule 26(2) of MCDR 2017 within the stipulated period during the reporting year FY 2023-24.	
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	i. Nil ii. Nil iii. Nil iv. Nil	i. Nil ii. Nil iii. Nil iv. Nil	

6c	 iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year Compliance on reclamation and rehabilitation by backfilling 	v. Nil vi. Nil i. Nil	v. Nil vi. Nil i. Nil	
	 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 	ii. Nil iii. Nil iv. Nil v. Nil	ii. Nil iii. Nil iv. Nil v. Nil	
6d	water reservoir v) Any other specific means Compliance of Rehabilitation of waste land within lease i) Afforestation	i) 800 nos of	i) 3000 nos of saplings till date of inspection	
	ii) Area rehabilitated (ha) iii) Method of rehabilitation	saplings ii)2023-24= 0.50 Ha. iii) Plantation with 80% survival	ii) 2023-24= 0.50 Ha. & gap plantation iii) Plantation with 60% survival	
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.	Environmental monitoring in Core zone and buffer zone were carried out as per MOEFCC and SPCB guidelines during the reporting year FY 2023-24.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	reporting year. As the reporting year backfilling during planted about 3000 gap plantation with out within the lease	carried out affitioring as per the prother mine is not enough, there was no surthe reporting year. no of saplings over a survival rate of abe area. The lessee had are more or less in	gh mature during ach proposal of The lessee has 0.50 Ha. area & bout 60% carried s carried out the

Mineral Conservation

	Item	Proposals for,	Actual work	Remark
S.N.		2023-24	during 2023-24	
7a	ROM Mineral dispatch or	Saleable Ore:	Saleable Ore:+55	

	grade-wise sorting within lease area	+55 % Fe, Mineral Reject: - +45 to 55% Fe were proposed.	% Fe, Mineral Reject:- +45 to 55% Fe are being carried out.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	
7c	Different grade of mineral sorted out at mines	Saleable Ore: +55 % Fe, Mineral Reject: - +45 to 55% Fe were proposed.	Saleable Ore:+55 % Fe, Mineral Reject:- +45 to 55% Fe are being carried out.	
7d	Any beneficiation process at mines	Nil	Nil	No Such proposal during the reporting year.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Fe stocks are be process was pro	55 % Fe, Mineral Rejeing practiced. Further oposed. Only crushin dout during the report	no beneficiation g and screening

Environment

S.N.	Item	Proposals for, 2023-24	Actual work during 2023-24	Remark
8a	Separate removal and utilization of topsoil (Rule 36)	No such proposal for the reporting year.	Incidental occurrence of very small amount of clay soil have been generated and concurrently utilized for plantation purpose till the date of inspection during the	
8b	Concurrent use or storage of topsoil	No such proposal for the reporting year.	reporting year. Incidental occurrence of very small amount of clay soil have been generated and concurrently utilized for plantation purpose till the date of	

			inspection	
			during the	
			reporting year.	
8c	Separate dumps for	Nil	Nil	There was no
	overburden, waste rock,			such proposal
	rejects and fines (Rule 37)			for generation
				of top soil and
				waste during
				the reporting
		_		year.
8d	Use of overburden, waste	Nil	Nil	There was no
	rock, rejects and fines dumps for restoring the land			such proposal
	to its original use			for generation
	to its original asc			of top soil and
				waste during
				the reporting
0		3.7.1	2713	year.
8e	Phased restoration, reclamation and	Nil	Nil	There was no
	rehabilitation of lands			such proposal
	affected by mining			for generation
	operations (Pits, dumps etc)			of top soil and
				waste during
				the reporting
8f	Baseline information on	800 Nos of	300 Nos of	year.
01	existence of plantation &	saplings will be	saplings have	
	additional Plantation done	planted over 0.50	been planted	
		Ha area with a	over 0.50 Ha	
		survival rate of	area and gap	
		80% within the	0 1	
		lease area.	a survival rate	
		icase area.	of 60% within	
			the lease area	
			during the	
			reporting year.	
8h	Water sprinkling on roads	Water sprinkling	Water	
	to control airborne dust	by water tanker	sprinkling by	
		over haul roads	water tanker and	
		has been carried	mobile water	
		out during the	sprinklers over	
		reporting year.	haul roads has	
		1 05	been carried out	
			by using 2 nos	
			of water tankers	
			having 12 KL	
			capacity during	
			the reporting	
			year.	
8i	General remarks of	The lessee could		rgeted proposal
	inspecting officer on		ting year, due to	
	aesthetic beauty in and		s during the last qu	_
	around mines area	ı	5 1	

	2023-24. However, the lessee has planted 3000 no of
	saplings over 0.50 Ha area and gap plantation with a
	survival rate of 60% within the lease area and water
	sprinkling by water tanker and mobile water sprinklers
	over haul roads to control the airborne dust and to
	minimize the fugitive dust emission. This sustains the
	aesthetic beauty of the mine area.

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto September 2024 A.R. Submitted upto FY 2023-24		
S.N.	Item	Details given in A.R. for the year 2023-24	Observation of I/Officer 2023-24	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Monthly returns and annual return for the reporting year have been submitted within the stipulated time period.	year have been submitted within	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	1. Sri Sachikanta Behera - Mines Manager 2. Sri Suryalok Sahoo - Mining Engineer 3. Sri Bikram Kumar swain - Geologist. were present during the inspection.	Behera - Mines Manager 2. Sri Suryalok Sahoo – Mining Engineer 3. Sri Bikram Kumar swain -	
9d	Scrutiny of Annual return on afforestation	800 Nos of saplings have been planted over 0.50 Ha area with a survival rate of 80% within the lease area during the reporting year.	3000 Nos of saplings have been planted over 0.50 Ha area & gap plantation with a survival rate of 60% within the	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Generation of mineral reject is Nil during FY 2023-24.	Generation of mineral reject is Nil during FY 2023-24.	
9f	Scrutiny of Annual return on ROM stock and/or	Opening Stock: 1375.000 tons	Opening Stock: 1375.000 tons	

	graded ore	Production: 409815.000 tons Closing Stock: 170 tons	Production: 409815.000 tons Closing Stock : 170 tons	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production Rs. 2222.60/- furnished in submitted Annul Return for FY 2023-24.	Rs. 2222.60/- furnished in submitted Annul	
9i	Scrutiny of Annual return on fixed assets	Fixed Asset: Rs.1264350093/-, furnished in the annual return of the reporting year.	Fixed Asset: Rs. 1264350093/-, furnished in the annual return of the reporting year.	
9k	Scrutiny of Annual return on mining machineries	SHOVEL (MECHANICAL) 0.900 CUM 4 Non Electrical Opencast BACK HOE 1.700 CUM 2 Non Electrical Opencast DUMPER 20.000 TONNE 10 Non Electrical Opencast WATER TANKER 10000.000 LITRE 1 Non Electrical Opencast GENERATOR (DIESEL) 125.000 KWH 2 Non Electrical Opencast AIR COMPRESSOR 450.000 CUM/MN 1 Non Electrical Opencast CRUSHER 150.000 T/H 1	SHOVEL (MECHANICAL) 0.900 CUM 4 Non Electrical Opencast BACK HOE 1.700 CUM 2 Non Electrical Opencast DUMPER 20.000 TONNE 10 Non Electrical Opencast WATER TANKER 10000.000 LITRE 1 Non Electrical Opencast GENERATOR (DIESEL) 125.000 KWH 2 Non Electrical Opencast AIR COMPRESSOR 450.000 CUM/MN 1 Non Electrical Opencast CRUSHER 150.000 T/H 1 Non Electrical Opencast OTHERS (NON- ELEC.) 150.000 1 Non-Electrical Opencast	