#### INDIAN BUREAU OF MINES MINERALS DEVELOPMENT AND REGULATION DIVISION MCDR INSPECTION REPORT BHUBANESWAR REGIONAL OFFICE

### General:

SL. No.	Particulars	Details	
1	Name of the Mine	Narayanposhi Iron	and Manganese Mines
2	Date of inspection	23/8/2023	
3	Name of inspecting officer	Prashant S He	gde, RMG along with
		Shri Rajani Kanta	Routray, AME
4	Name accompanying mine	Shri Padmaraja	Tumati, General Manager
	officials	(Planning) Shri II	ndrakant Saha, Mines manger
		cum Mining Engin	neer and & Shri Manoranjan
		Jena,Geologist.	
5	Last date of Inspection & Officer	08/10/2022	
		Shri KEWAL KR	ISHAN, RMG
6	Total Lease Area (Ha) with breakup	347.008 Ha. (257.	451 Ha Forest + 89.557 Ha
	of Non-forest and forest land	Non- forest )	
7	Minecode	30ORI13068	
8	IBM Registration Number under rule 45 of MCDR, 2017	IBM/432/2011	
9	Name of the lessee, Address,	Name of the	M/s JSW Steel Limited
	phone, email and fax number	Lessee	
		Address	JSW Centre Bandra Kurla
			Complex, Bandra (East)
			District- Mumbai
			Suburban
			State- Maharashtra`
		Phone No	9437145415
		Email	biswaranjan.padhi@jsw.i
			n 02242002000
10	<b>Y</b> <sup>*</sup> <b>I</b> ]		U2242863000
10	village	Harischandrapur,	Koira, Kasnira, Kusumuini,
11	Taluka (Mandal	Kathamai K.F.etc.	
11	Taluka/Manual District	Kolfa	
12	District		
13	State	770040 Odieba	
14	Dest office	Vuisila	
15	Norrest police station	Koira	
10	Norost Philway station	Roreuon 20 Km	
1/	Date of Grant of Mining Lease	27.06.2020 for E0	VOTE
10	Date of Execution	27.00.2020 101 50	years
20	Date of opening of Mine	27.00.2020	
20	Date of opping of White	26.06.2070	
21	Name of the <b>Nominated Owner</b> with	Mr Javant Achary	79
	Address phone email fay number	M/s ISW Steel I to	u ]
	and date of appointment	ISW Centre Rand	ra Kurla Compley
		Bandra(East) Mur	nbai-400051
		Phone-022428610	00
		Email: javant.acha	rva@isw.in
		Fax: 02242863000	)

		DOA 27 05 2022
23	Name of the <b>Mine Agent</b> with Address, phone, email, fax number and date of appointment	Mr. Biswaranjan Kumar Padhi M/s JSW Steel Ltd Plot No – 15, Bhusgaon, At- Bhadrasahi, PS- Barbil District- Keonjhar-758035 Phone-+919437145415 Email: biswaranjan.padhi@jsw.in Fax: 02242861000 DOA-11.01.2021
24	Name of the <b>Mines Manager</b> with Address, mobile no, email, fax number and date of appointment in mine	Mr. Indrakant Saha Qualification- AMIE in Mining Engineering with 1 <sup>st</sup> Class Mines Managers Certificate. JSW steel Limited Plot No – 15, Bhusgaon, At- Bhadrasahi, PS- Barbil District- Keonjhar-758035 Phone: +91-9437055075 Email: indrakant.saha@jsw.in Fax: 02242861000 DOA-29.06.2020
25	Name of the <b>Mining Engineer</b> , Qualification and total experience with Address, mobile no, email, fax/phone number and date of appointment in mine	Mr.Indrakant Saha Qualification- AMIE in Mining Engineering with 1 <sup>st</sup> Class Mines Managers Certificate. JSW steel Limited Plot No – 15, Bhusgaon, At- Bhadrasahi, PS- Barbil District- Keonjhar-758035 Phone: +91-9437055075 Email: indrakant.saha@jsw.in Fax: 02242861000 DOA-29.06.2020
26	Name of the <b>Geologist</b> , Qualification and total experience with Address, mobile no, email, fax number and date of appointment in mine	Mr. Manoranjan Jena Qualification- M.Sc Geology JSW steel Limited Plot No – 15, Bhusgaon, At- Bhadrasahi, PS- Barbil District- Keonjhar-758035 Phone: +91-9439964456 Email: manoranjan.jena@jsw.in Fax: 02242861000 DOA-29.07.2022
27	Date of Approval of Mining Plan/Review of Mining Plan/ their modifications with five-year period and specific condition in approval letter, if any.	<ul> <li>1)Mining Plan approved on 08/9/2020</li> <li>2) Approved Modified Mining Plan No. MPM/ A/O8-ORI/BHU/2021-22 dated 05/8/2021 for period 2021-22 to 2024-25</li> </ul>
28	Mineral (s) granted in lease and proved for mining	Iron ore and Manganese ore
29	Method of Mining(Opencast, Underground)	Opencast
30	Category (Fully Mechanised, Others or Manual)	Fully Mechanized
31	Cantive/Non Cantive	Cantive

32	Present EC Capacity	Iron – 6 MTPA and Manganese- 0.036 MTPA

### **OBSERVATIONS/COMMENTS OF INSPECTING OFFICER:**

### 1)Exploration:---

SL.No	Item	Proposals	Actual work	Remarks			
		(FY 2022-23)					
1a	Backlog of previous year	Year:2021-22	42 nos	V/L issued on			
		22 nos of core	boreholes	13/9/23 for			
		BHs with 2200	drilled with	exploration			
		total meterage	4118 total	deviation and non-			
		Year:22-23: 62	meterage so far.	submission of form-			
		nos core BHs		I.			
		with 5800 total					
		meterage					
1b	Exploration over lease area			G-1:143.46 Ha			
	for Geological axis 1 or 2.	Conversion of	52.84 Ha	G-2: 95.33 Ha			
		148.17 Ha area	(G-2 to G-1	SO Iar.			
		01 G-2 10 G-1	stage)	(10tdi Potential			
		Stage		area $\cdot 238.79$			
1c	Exploration Agency &	NIL	In-house	urcu .200.70)			
	Expenditure in lakh Rupees		277.99 Lakhs				
	during the year						
1d	Balance area to be explored	Conversion of	Balance of	V/L issued.			
	to bring Geological axis in	148.17 Ha area	95.33 Ha area to				
	1 or 2	of G-2 to G-1	be converted.				
1e	Balance reserves as on	NA	Iron Ore (+45 %	Based on approved			
	01.04.2023		Fe) reserves:	modified RMP dated			
			121: <b>8.04</b>	05/8/2021			
			million tonnes				
			122: <b>140.02</b>				
			Mn_Ore				
			reserves (+10%				
			Mn):				
			122: 498,087				
			tonnes				
1f:	General remarks of	The lease area	is a part of the	Horse-shoe shaped			
	inspecting Officer on	Singhbhum-Bonai	-Keonjhar iron ore	belt. The rock types			
	Geology, exploration etc.	found within lease area belong to Banded Iron Formation					
		of Koira Group. Based on exploration data, the					
		configuration of ore body as follows.					
		Iron ore: 1800m X	800m X 51m				
		WIN-Ore: 350m X 3	SUUM X 46m	n domintion and not			
		v/L issued on 13/	9/23 for exploration	bil deviation and non-			
		submission of form-I.					

# 2)Development:--

SL.	Item	Proposals (FY 2022-23)	Actual work	Remarks
2a	Location of developme nt w.r.t. lease area	QuarryNorthingEastingQuarry-2425700-318100-3/42426100318800R.F2424900-317700-Quarry2425400318300Quarry-2424500-317200-52424800317500	QuarrNorthingEastingyNorthingEastingQuarr2425760-318108-y-3/42426080318786R.F2424910-317745-Quarr2425390318261y2424560-317217-y-52424790317438Within the proposed area.	Iron ore: Quarry-3/4 and R.F Quarry; Mn-ore: Quarry-5
2b	Separate benches in topsoil, overburden and mineral	Separate benches in overburden and minerals ; No top-soil generation	As per proposal	
2c	Stripping ratio or ore to OB ratio	Iron: 1:0.33 Mn-Ore: 1:6.09	Iron: 1: 0.3 Mn-Ore: 1:10.81	Ratio in tonnes
2d	Quantity of topsoil generation in m3	No proposals	Nil	
2e	Quantity of overburden generation in m3	Iron: 1,297,683 Mn-Ore: 1,11,617	Iron: 7,96,932 Mn-Ore: 2,80,70	in m3
2f	General remarks of inspecting Officer on developme nt of pit w.r.t. type of deposit etc	Developments of pits are being Present EC Capacity of Iron- 6 auctioned captive mine with 98.	g carried out as per approved m MTPA and Manganese- 0.036 M .55 % Bid premium.	odified MP. TPA. It is an

# 3)Exploitation:--

SL.No.	Item	Proposals	Actual work	Remarks
		(FY 2022-23)		
3a	Number of	Iron: Two ptis	Iron: Two ptis	
	pits	Mn-ore: One pit	Mn-ore: One pit	
	proposed	_		
	for			
	production			

3b	Quantity of ROM mineral production proposed	Iron: 8,000,000 tonnes Mn-ore: 36,000 tonnes	Iron: 5,296,717 tonnes (Present EC Capacity of Iron – 6 MTPA and enhanced EC proposal of 10 Millon Tonnes, was under process) <b>Mn-ore:</b> 5,191 tonnes	V/L issued for deviation in Mn-ore production.
3с	Recovery of salable/usab le mineral from ROM production	Iron ore: 75 % (+55 % Fe) 25 % (45 to 55 % Fe) Mn-ore: 90 % (+20% Mn) 10 % (10-20 % Mn)	Iron ore: 76 % (+55 % Fe) 24 % (45 to 55 % Fe) Mn-ore: 100 % (+20% Mn)	
3d	Quantity of mineral reject generation	Iron ore: 2,000,000 tonnes (45 to 55 % Fe ) Mn-ore: 3600 tonnes (10-20 % Mn)	Iron ore: 1,271,212tonnes (45 to 55 % Fe ) Mn-ore: NIL	Quantity out of proposed ROM production and Mineral reject are being utilized by blending.
3e	Grade of mineral reject generation and threshold value declared	Iron ore: 45 to 55 % Fe Mn-ore: 10-20 % Mn	Iron ore: 45 to 55 % Fe Mn-ore: NIL	Threshold value of Iron Ore : +45 % Fe Mn ore: +10 % Mn
3f	Quantity of sub-grade mineral generation	Same as para 3d		Sub-grade mineral/ mineral reject are
Зg	Grade of sub-grade mineral generation	Same as para 3e		being stacked separately & utilized by blending
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	
3i	Any analysis or beneficiatio n study proposed & carried out for sub- grade mineral and reject	Nil	NIL	

									-
3j	Provision of drilling & blasting in mineral benches	Drilling and blasting in mineral benches is proposed with burden, spacing and diameter of hole at 3m, 4m and 115 to 150mm respectively. (60 % Iron Ore and 50 % Mn-ore requires the blasting )			As	per p	proposal	s.	
3k	Provision of mining machineries in mineral benches	Yes, mining by Shovel Dumper Combination. ROM will be excavated and loaded in the 35T /100T dumper by 2.5 m3 to 9 m3				per p	roposal	s.	
31	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Iron pit: 9m bench height with 10 to 12 m width Mn-Ore pit: 6m bench height with 10m width			As per proposals.				
3m	Total area covered under excavation/ pits	81.816 Ha (End of plan period )			78.808 Ha				
3n	Ore to OB ratio for the pit/mine during the year	Iron: 1:0.33 Mn-Ore: 1:6.09		Iron Mn	n: 1: ( -Ore	0.3 : 1:10.8	1	Ratio in tonnes	
30	Total area put in use under	Particu	ılars	Total Area(Ha) at the end of Plan period	]	Particu	lars	Total Area(Ha) at the end of FY 2022-23	
	heads at the	Area u Mini	nder ng	81.816		Area u Minii	nder ng	78.808	
	end of year	Overbu Was	rden/ ste ing	4.735	Wa	)verbu iste du	rden/ mping	6.316	-
		Mine	eral Ige	55.624	Mi	neral S	otorage	41.511	_
		Infrastru (Occupi plan buildin roac	acture ed by its gs & ls	26.87	pla	Dccupi Dccupi nts bui & roa	ed by ildings ids	12.193	
3p	Production								Unit: In
<sup>SP</sup>	of ROM	2020	Iron	6,000.000	203	20-	Iron	4,476,452	1 tonnes:
	mineral	-21	Mn	36,000	2	1	Mn	497	Date of ML
	during last	2021	Iron	6,000,000	202	21-	Iron	5,443,454	execution on
1		-22	Mn	36,000	1 2	2	Mn	4,752	

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	five-years period, as applicable	2022 -23	Iron Mn	8,000,000 36,000	2022- 23	Iron Mn	5,296,717 5,191	27.06.2020
3q	General rema method of mi	ırks of ir ning etc	nspectin	g Officer on	Open-c method modifie as per tonnes proposa process	ast fuil is bein ed MP. 7 current of Iron al of 10 s.	lly mechin g carried as The productio EC capacity ore and e Million tonne	sed mining per approved in achieved is of 6 Million enhanced EC es, was under

# 4)Solid Waste Management-Dumping:--

SL.N	Item	Proposals (FY 2022-23)	Actual work	Remark
4a	Separate dumping of topsoil, OB & mineral reject	Top soilNilOBIroBackfillin nOBngMnDump-2Mine ral Rejec tIro nNear Quarry-6/ R.F PitMine ral Dump-2Near Dump-2	As per proposals.	
4b	Location of topsoil, OB & mineral reject dumps	$\begin{tabular}{ c c c c c c } \hline Topsoil:Nil & & & & & & & & & & & & & & & & & & &$	Topsoil: Nil           Northing         Easting           Iron_OB         2426060- 2426230         318664- 318867           Mn-OB         2424900- 2424960         317137- 317293           Mn-OB         2424960         317293           Iron- (mineral reject)         Northing         Easting           Iron- (mineral reject)         318190- 318432         318432           Within proposals.         Within proposals.	
4c	Number of dumps within lease area and outside lease area	Inside LeaseIron1Outside LeaseNIL	As per proposals.	
4d	Location of dumps w.r.t. ultimate pit limit	Iron - Dumping is proposed within the pit limit Manganese - Dumping is proposed outside the pit limit	As per proposals.	

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4e	Number			As per proposals.	
	of active		B/E in		<u> </u>
	& alive	Iron - 1 Nos			
	dumps				
	dumps	Managanaga	3/4	-	
		Manganese	Dump		
		- 1 NOS	No-2		
4.6	Number				
41	of dood	One (mon)		One (non)	
	dumps				
40	Number	NII		NII	
48	of dumps				
	stabilishe				
	d				
41		37 1			
4n	Whether	Yes, proposed		Proposals carried out as per	
	Retaining			approved modified MP.	
	wall or				
	drain all				
	along				
	dumps				
	are there				
4i	Length of	Retaining wall-	400 m	Retaining wall- 400 m	
	Retaining	Garland drain- 1	L566 m	Garland drain- 1566 m	
	wall or	Coir matting: 35	500 Sa.m	Coir matting: 3500 Sq.m	
	garland				
	drain all				
	along				
	dump				
4j	Number	NIL		NIL	
	of				
	settling				
	ponds				
4k	Specific	Overburden was	stes and mine	ral reject management are being carried	out as per
	comment	the approved pro	oposals.		
	s of				
	inspectin				
	g Officer				
	on waste				
	aump				
	managem				
	ent				

# 5)Solid Waste Management-Backfilling:--

SL.No	Item	Proposals (FY 2022-23)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Back-filling proposed to be carried out over previously back-filled	As per proposals.	

		portion of exhausted quarry no-3 (for wastes of Iron ore only) (Co-ordinates: N2426000-2426300 & E318600-318900)		
5b	Area under backfilling of mined out area	3.98 Ha	3.98 Ha	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	Earlier, 6.28 ha area has been backfilled out of 9.59 ha area of exhausted portion of quarry no. 3
5e	General remarks of inspecting Officer on backfilling and reclamation etc	Backfilling is b proposals over ea	eing carried out as p arlier backfilled area of	er the approved quarry no.3

# 6)Progressive Mine Closure Plan:---

SL.N.	Item	Proposals (FY 2022-23)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). (Hard copy same provided)	Before 1 <sup>st</sup> July of, 2022-23	Submitted on time	NIL
6b	Management of worked/ mined out benches/dumps 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)Nil ii)1 Ha iii)2500 nos iv) 5000 nos v)Plantation vi) Nil	i)Nil ii)4 Ha iii)Total of 10,000 nos iv)12,600 nos v) Plantation vi) Rs 5,50,000	5000 nos saplings planted over dumps out of total plantation of 10,000 nos during year 22- 23.
6с	Compliance on reclamation and			Within the proposals.

	rehabilitation by backfilling			
	i) Voids available for	i)1,297,683 m3	i) 1,297,683 m3	
	ii) Void filled by	ii) 1,297,683 m3	ii)7,96,932 m3	
	waste/tailings iii) Afforestation on the		iii)1 Ha/2500 nos	
	backfilled area iv) Rehabilitation by	iii)1 Ha/NA	iv)Nil	
	making water reservoir	iv)Nil		
	v) Any other specific means	v)NA	v)NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method, of	i)Gap Filling in safety zone ii)Nil	i)2500 nos ii)Nil	NIL
	rehabilitation	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.	Environmental monitoring in Core zone and buffer zone was carried out as per the proposals and parameters are within the limit.	NIL
6f	General remarks of inspecting Officer on PMCP compliance & progressive closure operation etc	Lessee has implem approved modified	enting PMCP proposals MP.	s as per

# 7)Mineral Conservation:---

SL.No	Item	Proposals ((FY 2022-23)	Actual work	Remark
•				S
7a	ROM Mineral dispatch	Grade wise sorting by		NIL
	or grade-wise sorting	crushing and screening	As per proposals	
	within lease area	within lease area.		
7b	Method of grade-wise		Mechanical (Iron-	NIL
	mineral sorting i.e.	Mechanical (Iron-ore)	ore)	
	manual or mechanica	Manual(Mn-Ore)	Manual(Mn-Ore)	
	1		ivialitial(iviii-Ore)	

7c	Different grade of mineral sorted out at mines	<b>Iron Ore</b> of different size and grade is sorted out and dispatched to different plants.(Iron Grade range- 45- 51%Fe, 51-55% Fe, 55-58% Fe, 58-60% Fe, 60-62% Fe & 62-65% Fe; <b>Mn_ore</b> grade range: Below 25% Mn, 25 to 35 % Mn and 35 to 46 % Mn )	As per proposals	NIL
7d	Any beneficiation process at mines	Nil	Nil	NIL
7e	General remarks of inspecting Officer on mineral conservation & beneficiation issues	Grade-wise soring & dispatch plants as per the proposa conservation issue.	es of ore/mineral to the ls and there is no	eir captive o mineral

# 8)Environment:--

SL.No.	Item	Proposals (FY 2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	No such proposals.	Nil	
8b	Concurrent use or storage of topsoil	No such proposals.	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines	Separate dumping of OB wastes/ mineral rejects proposed	Carried out as per proposals.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	OB Wastes of Iron ore will used for back-filling at exhausted portion of quarry no-3; Mineral reject will be stacked separately & utilized by blending.	Carried out as per the proposals	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Back-filling proposed to be carried out over 3.98 Ha area of previously back- filled portion of exhausted quarry no-3	Within as per proposals	
8f	Baseline information on existence of plantation & additional plantation done	2,500 nos splings proposed during FY 22-23.	10,000 nos saplings planted in 4 Ha area during year 22-23 with cumulative 12,600 nos of saplings.	

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8g	Survival rate	NA	80 %	
8h	Water sprinkling on roads to control airborne dust	Regular sprinkling of water on Haul roads and transport roads using Water tanker to suppress the dust.	Carried out as per the proposals.	
8i	General remarks of inspecting Officer on aesthetic beauty in & around mines area.	Aesthetic beauty in implementing the plantation as per the	& around mines area is PMCP proposal and e proposals.	good as lessee d carried out

# 9)Compliance of Rule 45

SL.No.	Item	COMMENTS				
9a	Status of submission of Monthly and Annual returns	Regularly submitting the MR	s/ARs on-time.	Nil		
S.N.	Item	Details GIVEN in A.R.	Actual in field			
9Ь	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer Cum Manager: Shri Indrakant Saha Geologist: Shri Manoranjan Jena	Actual also the same			
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	<ol> <li>Covered under current (O/ C) Workings- 78.808 Ha</li> <li>Used for Waste Disposal- 6.316 Ha</li> <li>Occupied by plant, build- ings, residential, welfare, buildings and roads- 12.193 Ha</li> <li>Other Purpose (Mineral Storage)- 41.511 Ha</li> </ol>	Actual also as per AR			
9d	Scrutiny of Annual return on afforestation	10,000 nos	Actual also as per AR			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	During year-22-23           Iron           Unprocessed         1,070,073           Ore (45-55 %         tonnes           Fe)         Iron           Iron         2,01,139           Processed         tonnes	Actual also as per AR and being utilized by blending as proposed.			

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		Ore (45-55 %			
		Fe)			
of	Constinue of Annual	Min-Ore: NIL	000 townso	Appear to be served	
91	scrutilly of Allitual	AS OIL 51.05.2	023 tollines	Appear to be correct.	
	stock and/or graded		IVI.3,00,730 t		
	ore	<b>T</b> <sup>1</sup>			
	ore	Fines closin	ng stock in		
		51% 55%	78 03/		
		55% 58%	20,554		
		58%-60%	1.00.625		
		60%-62%	20.824		
		62%-65%	1 98 036		
		65% and	1,50,050		
		above	3969		
		CLO stock	c in tonnes		
		<62% Fe			
		(clo any	5,28,432		
		size)			
		62%-			
		65% Fe	1 02 555		
		(5-18	1,02,000		
		mm)			
		62 to 65			
		% Fe and	1,728,54		
		above(10	0		
		( <u></u>			
		Mp. Ore stock			
		$ROM \cdot 1232 \text{ to}$	nnoc		
		Relow 25 % M	In: 154 t		
		25 to 35 % Mn	: 367 t		
		35 to 46 % Mn	: 999 t		
9g	Scrutiny of Annual	Iron Ore Ex-M	ine Price and	Appear to be correct	
	return on sale value,	cost of product	ion: Rs-	as captive mine.	
	Ex. Mine price &	4563.27 per to	nne;		
	production cost	Mn Ore Ex-Mi	ne Price and		
		cost of product	tion: Rs-		
		10,569.20 per 1	tonne;		
Qi	Scrutiny of Appual	Fixed Value of	Assate De	Appear to be correct	
	return on fived	452 74 08 787	133513. 13		———
	assets	-+52,/+,00,/0/			
9k	Scrutiny of Annual	Shovel (Hvdau	lic): 15 nos:	Observed to be	
	return on mining	Rock Hole Dri	ll: <b>2nos:</b>	correct	
	machineries	Wheel Loader:	7 nos;		
		Dumpers (100	T):12 nos ;		
		Tippers: 18 nos	5;		
		Water tanker: 2	2 nos;		
		Crusher: 3 nos	;		
		Generator: 14 I	nos;		
		Dozer: 2 nos			

	Motor Grader: 2 nos.	

# (10)Violation observed during current inspection and compliance position of earlier violation pointed out:

(a)Compliance position of earlier violation pointed out: During last inspection dated 08/10/2022, the violation of rules 11(1), 37(2) and 45(7) of MCDR 2017 were pointed out and subsequently, said rules complied on 14/12/22 (Rule 11(1) & 37(2) ) and 20/1/23 (Rule-45(7).

(b)During current inspection: The violations of Rules 11(1) and 47 of MCDR 2017 have been observed and the violation letter issued on 13/9/23.

**(11)** On-line validation of star rating of templates submitted under rule 35 (FY-2022-23) has been made on 13/9/23 for four star at RO level.

**(12)**The lessee was submitted DAI/drone survey data under rule 34A for FY 22-23 on 11/7/2023 and discrepancies observed in the image during validation has also been communicated on 14/9/23 for compliance.

Date:14/9/2023

(Prashant S. Hegde) Regional Mining Geologist