

**MCDR INSPECTION REPORT**

I/30553/2024

**General**

S.N.	Particulars	Details
1	Name of the Mine	HATORA manganese Ore Mine
	Date of Inspection:	20/10/2022
	Name of Inspecting Officer	Ibrahim Sherief
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	5.726 ha
3	Mine code	40MPR01035
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/634/2011
5	Name of the Lease, Address, Phone, email and fax number	M/s. PACIFIC MINERALS PRIVATE LIMITED, 163BALARAM DEY STREET, KOLKATA
6	Village	HATORA
7	Taluka/Mandal	KATANGI
8	District	BALAGHAT
9	Pin code	-
10	State	MADHYA PRADESH
11	Post Office	
12	Nearest Police Station	
13	Nearest Railway Station	BALAGHAT
14	Date of Grant of Mining Lease	
15	Date of Execution	20/09/1998
16	Date of opening of Mine	
17	Date of First Renewal, if applicable and its period & expiry	20/09/2018
18	Date of Second Renewal, if applicable and its period & expiry	
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	VEDA NAND ROY, 163, BALARAM DEY STREET, KOLKATA
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	JITENDRA KUMAR RAMESH RINAYAT
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	DOMENDRA WASUDEOJI GAUTAM
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	-
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	25.08.2021
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	-
27	Mineral(s) granted in lease and approved for Mining	MANGANESE
28	Method of Mining (Opencast, Underground)	OPENCST
29	Category (Fully Mechanized, Others or Manual)	MANUAL-B

30	Captive/Non-Captive	Non-Captive
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**Exploration**

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	10 BH's, 10 Trial Pits	Nil	No exploration carried out due to want of statutory clearance
1b	Exploration over lease area for Geological axis 1 or 2.	G1 Scale	Nil	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Lessee	Nil	No exploration carried out due to want of statutory clearance
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	Nil	10 bore holes are proposed to prove the depth persistence of ore body in RMP document submitted
1e	Balance reserves as on 01.04.2021	8460 Tonnes	8460 Tonnes	
1f	General remarks of Inspecting officer on geology, exploration etc.	<p><b>Geology:</b> - The lease area belongs to pre Cambrian Dharwarian meta sediments belonging to Dharwar sub group of Sausar Series. The Manganese horizon and the associated rocks of the sub group are well conformable to one another</p> <p><b>Exploration:</b> - No exploration carried out in the lease area</p>		

**Development**

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	On Southern side of lease area	No work done	No mining activity due to want of statutory clearance
2b	Separate benches in topsoil overburden and mineral (Rule 15)	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m <sup>3</sup>	Nil	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	10710	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	No Mining operation for want of statutory clearance		

**Exploitation**

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	One	one	3 pits are there which are waterlogged at present
3b	Quantity of ROM mineral production proposed (2021-22)	2115	Nil	

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3c	Recovery of Salable/usable mineral from ROM production	No proposal	Nil	No mining activity due to want of statutory clearance	
3d	Quantity of mineral reject generation	No proposal	Nil		
3e	Grade of mineral reject generation and threshold value declared	No proposal	Nil		
3f	Quantity of sub-grade mineral generation	No proposal	Nil		
3g	Grade of sub-grade mineral generation	No proposal	Nil		
3h	Manual/Mechanized method adopted for segregation from ROM	Manual method	No mining activity		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil		
3j	Provision of drilling & blasting in mineral benches	Jack hammer drilling with high explosives is proposed to be carried out	Nil		
3k	Provision of mining machineries in mineral benches	No proposal			
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	1.5 meters	Nil		
3m	Total area covered under excavation /pits	0.89 HA	0.72		
3n	Ore to OB ratio for the pit/mine during the year	Nil	Nil		
3o	Total area put in use under different heads at the end of year	3.41 Ha	2.87 Ha		
3p	Production of ROM mineral during last five-years period, as Applicable	18-19	-	No mining activity due to want of statutory clearance	
		19-20	-		
		20-21	-		
		21-22	Nil		Nil
		22-23	1215		Nil
3q	General remarks of inspecting officer on method of mining etc	No mining activity due to want of statutory clearance			

**Solid Waste Management-Dumping**

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No proposal	Nil	3 dumps are there
4b	Location of topsoil, OB & mineral reject dumps	No proposal	Nil	
4c	Number of Dumps within lease area and outside lease area	No proposal	Nil	3 dumps are there
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Beyond UPL	Nil	
4e	Number of Active & Alive dumps	Nil	Nil	
4f	Number of deed dumps	3	3	
4g	Number of dumps established	No proposal	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	NA	
4i	Length of Retaining wall or garland drain	No proposal	NA	

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	all along dump			
4j	Number of settling ponds	No proposal	NA	
4k	Specific commends of inspecting officer on waste dump management	No mining activity due to want of statutory clearance		

**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	No proposal	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	Nil	
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No mining activity due to want of statutory clearance		

**Progressive Mine Closer Plan**

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and Correctly-Rule 23E (2). Details should be given in the format as given in Annexure-20	Not applicable		
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	No proposal	Nil	
	ii) Afforestation done (ha)	No proposal	Nil	
	iii) No.of saplings planted during the year	No proposal	Nil	
	iv) Cumulative no. of plants	No proposal	Nil	
	v) Any other specific method of rehabilitation	No proposal	Nil	
	vi) Cost incurred on watch & care during the year	No proposal	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling	No proposal	Nil	
	i) Voids available for backfilling (L*B*D)			
	ii) Void filled by waste/tailings			
	iii) Afforestation on the backfilling			
	iv) Rehabilitation by making water reservoir			
	v) Any other specific means			

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6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	No proposal	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)	No proposal	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	No mining activity due to want of statutory clearance		

**Mineral Conservation**

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	No proposal	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	Nil	
7c	Different grade of mineral sort out at mine	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No mining activity due to want of statutory clearance		

**Environment**

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	No proposal	Nil	
8b	Concurrent use or storage of topsoil	No proposal	Nil	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	No proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No proposal	Nil	
8g	Survival rate	No proposal	Nil	
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	

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8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	No mining activity due to want of statutory clearance
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**Compliance of Rule 45**

S.N	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns :  Monthly and Annual returns to be submitted in time as per statute	Annual Returns 2021-22: - Submitted on time and Monthly Returns for the Month of August - 2022:- Submitted on time	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	
9d	Scrutiny of Annual return on afforestation	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM –Nil	
9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Ex Mine -nil	
9i	Scrutiny of Annual return on Fixed assets	FA= Nil	
9k	Scrutiny of Annual return on mining Machineries	Nil	

Details of Validations observed during current inspection and compliance position of earlier violation pointed out: -

Sl No.	Violations pointed out	Status of compliance
	NIL	NA

Date:

Name: IBRAHIM SHARIEF

Designation: Deputy Controller of mines