

MCDR INSPECTION REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine	G.F.S.R. MINE 33.00HECT.
	Date of Inspection:	26 /09 /2023
	Name of Inspecting Officer	SHRI KATHROJU NAVEEN
	Persons accompanying with inspection	J. P. YADAV MINE MANAGER BLOCK 1 MAHATABSINGH ANURAGI Mining Eng. VENKATESH GEDAM Geologist RAJESH NIHA SURVEYOR
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	33.00 Hect. FOREST LAND
3	Mine code	40MPR01006
4	IBM Registration Number under rule 45 of MCDR,1988	IBM4371/2011
5	Name of the Lease, Address, Phone, email and fax number	G.F.S.R. MINE (33.00Hect)
6	Village	KATANGJHARI
7	Taluka/Mandal	WARASEONI
8	District	BALAGHAT
9	Pin code	481332
10	State	MADHYAPRADESH
11	Post Office	KATANGJHARI
12	Nearest Police Station	WARASEONI
13	Nearest Railway Station	SAWANGI
14	Date of Grant of Mining Lease	18/06/1991
15	Date of Execution	14/06/2001
16	Date of opening of Mine	14/06/2001
17	Date of First Renewal, if applicable and its period & expiry	22/05/2001 30/06/1999 TO 29/06/2019 & Extended upto 29/06/2032
18	Date of Second Renewal, if applicable and its period & expiry	Nil
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Nil
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Pradyuman Kumar Trivedi, Main Road Balaghat (M.P.),Pradyuman@hotmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri K.K. Tiwari, Vill- Ramrama J.K. Minerals Quarter, mob. - 9424379972 appointment – 01/01/2023
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri J.P.YADAV, Ramrama J.K. minerals Quarter, jayprakashyadav70@gmail.com , Mob.-8435002152 appointment – 25/01/2002

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23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri M.S Anuragi, B.Tech., Years 10 J.K. Minerals Quarter, appointment – 5/10/2012
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	BGT/MN/MPLN-83/NGP Dated 07/10/1998
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	MP/Balaghat/Manganese/RMP-58/2018-19/8382 Jabalpur dated 07/05/2019
27	Mineral(s) granted in lease and approved for Mining	Manganese Ore
28	Method of Mining (Opencast, Underground)	Underground
29	Category (Fully Mechanized, Others or Manual)	A (Manual)
30	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Not Proposed	02	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not Proposed	M/S R.K. DRILLING SERVICE ITARSI M.P. 744000.00	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Not Proposed	1.4Hect.	
1e	Balance reserves as on 01.04.2023	111 – 812352 T 122 – 91249 T	111 – 987466 T 122 – 91249 T	
1f	General remarks of Inspecting officer on geology, exploration etc.	As per the last approved mining plan the balance reserves available are 111 1009591 T 122 91249 T out of which it is proposed to produce 288488 T against which the achievement form 2019-20 to 01.04.2023 is 113374 T hence the balance reserves are 987466 T.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	East part of Pit No. 1 of the lease area	East part of Pit No. 1 of the lease area	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Not proposed	Nil	The subject Mine is U/G Mine
2c	Stripping ratio or ore to OB ratio	Not proposed	Nil	
2d	Quantity of topsoil generation in m ³	Not proposed	Nil	
2e	Quantity of overburden generation in m ³	Not proposed	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.			

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks	
3a	Number of pits proposed for production	1	1		
3b	Quantity of ROM mineral production proposed (2022-23)	73427 T	24750.00		
3c	Recovery of Salable/usable mineral from ROM production	98%	98%		
3d	Quantity of mineral reject generation	Nil	2500		
3e	Grade of mineral reject generation and threshold value declared	Below 10% Mn	Below 10% Mn		
3f	Quantity of sub-grade mineral generation	Nil	Nil		
3g	Grade of sub-grade mineral generation	Not proposed	Nil		
3h	Manual/Mechanized method adopted for segregation from ROM	Manual	Manual		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Nil		
3j	Provision of drilling & blasting in mineral benches	Yes	Yes		
3k	Provision of mining machineries in mineral benches	manual	manual		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not applicable	Not applicable		
3m	Total area covered under excavation /pits	Not applicable	Not applicable		
3n	Ore to OB ratio for the pit/mine during the year	Not applicable	Not applicable		
3o	Total area put in use under different heads at the end of year	16.3942	16.3942		
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	71141	24545.50	
		2020-21	70831	29097.50	
		2021-22	71787	34981.639	
		2022-23	73427	24750.00	
		2023-24	68808	26320(As per the last filed MR)	
3q	General remarks of inspecting officer on method of mining etc	Against the proposed 73427 T only 24750T produced.			

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	NA	NA	
4b	Location of topsoil, OB & mineral reject dumps	Near K-Incline& Pit no. -3	Near K-Incline& Pit no. -3	
4c	Number of Dumps within lease area and outside lease area	Not applicable	Not applicable	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not applicable	Not applicable	
4e	Number of Active & Alive dumps	Not applicable	Not applicable	
4f	Number of deed dumps	Not applicable	Not applicable	
4g	Number of dumps established	Not applicable	Not applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	Not applicable	Not applicable	
4i	Length of Retaining wall or garland drain all along dump	Not applicable	Not applicable	
4j	Number of settling ponds	Not applicable	Not applicable	
4k	Specific commends of inspecting officer on waste dump management			

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	Not proposed	Nil	
5b	Area under backfilling of mined out area	Not applicable	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not applicable	Not applicable	
5d	Total area fully reclaimed & rehabilitated	Not applicable	Not applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc			

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Progressive Mine Closer Plan

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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		Submitted	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not applicable		
	ii) Afforestation done (ha)	Not applicable	10.578Ha	
	iii) No. of saplings planted during the year	20	115	
	iv) Cumulative no. of plants	80	11101	
	v) Any other specific method of rehabilitation	Not applicable		
	vi) Cost incurred on watch & care during the year	Not applicable	Rs.- 100,000.00/-	
6c	Compliance on reclamation and rehabilitation by backfilling 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	Not applicable	Not applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Not applicable	Not applicable	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	74729.00	24750.00	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sort out at mine	Not proposed	<25% Mn 25% -35% Mn 35% - 45% Mn Above 45%	
7d	Any beneficiation process at mines	Sorting	Sorting	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Manual Sorting is being carried out and respective are being dispatched.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not applicable	Not applicable	
8b	Concurrent use or storage of topsoil	Not applicable	Not applicable	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not applicable	Not applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not applicable	Not applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not proposed	13868	
8g	Survival rate	Not proposed	75%	
8h	Water sprinkling on roads to control airborne dust	YES	YES	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area			

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly returns and annual returns submitted on time.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer : Shri M.S. Anuragi, B.Tech., 09Years J.K. Minerals Quarter, Geologist : Shri Rakesh Nageshwar	Mining Engineer : Shri M.S. Anuragi, B.Tech., 09Years J.K. Minerals Quarter, Geologist : Shri Venktesh Gedam, M.sc Geology
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Used for waste disposal 0.044 Occupied by plant welfare buildings and roads 0.750 Used for any other purpose (specify) Plantation 0.115	
9d	Scrutiny of Annual return on afforestation	Trees planted during the year 157	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Reported 2500 T	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM stock 950.5 T Processed stock 1350 T reported	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine price and sale value are furnished for the three grades reported.	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* ₹ 75570622	
9k	Scrutiny of Annual return on mining Machineries	Details furnished.	

S.No	Violation Under Rule	Issued on	Compliance Received	SCN Issued on	Compliance Received
01	11(1)	22.12.2023	28.01.2024	-	-
02	12(4)	22.12.2023	28.01.2024	-	-