

INSPECTION DATASHEET For The Year 2024-25

General

S.N.	Particulars	Details
1	Name of the Mine	Devnagar Iron Ore, Manganese ore, Bauxite, laterite and clay
	Date of Inspection:	13/09/2024
	Name of Inspecting Officer	Shri Raghbir Sharan Garg, ACOM
2	Total Lease Area (Ha) with breakup of non-forest and forest land	6.44 Hect.
3	Mine code	75MPR18019
4	IBM Registration Number under rule 45 of MCDR, 1988	Reg. No. IBM/10657/2018
5	Last Inspection Details	Insp. officer – Shri Robert C. Simon, ACOM Date of Insp. – 22/08/2023 V/ L dated 20/11/2023 for rule –11(1),12,31(4),33, & 45(7) Reply letter received on 19/01/2024 Compliance considered on 09/02/2024 on all the pointed-out rules except rule 45(7). Show Cause Notice issued on 21/06/2024 for the violation of rule 45(7), reply letter received on 21/06/2024 and compliance considered on rule 45(7) on 21/06/2024
6	Mine official present during the inspection	Shri Punit Kumar Dhruve, Mining Engineer of the mine and Shri Kushal Patle, Geologist of the company
7	Name of the Lease, Address, Phone, email and fax no	M/s Sharma Mines & Minerals Address- Shop No. 3, Bengali Club Market Karamchand Chowk, Jabalpur, M.P. 482001 Email –sharma.nitin.074@gmail.com M.No. 9425150894 Fax No. 07614046833
8	Village	Devnagar
9	Taluka/Mandal	Sihora
10	District	Jabalpur
11	Pin code	483222
12	State	Madhya Pradesh
13	Post Office	Gandhigram
14	Nearest Police Station	Gosalpur
15	Nearest Railway Station	Gosalpur
16	Date of Grant of Mining Lease	31/01/1996
17	Date of Execution	20/03/1996(lease period upto 19/03/2046-50 years lease period.
18	Date of opening of Mine	20/03/1996
19	Date of First Renewal, if applicable and its period & expiry	30/01/2017
20	Date of Second Renewal, if applicable and its period & expiry	NA
21	Date of third Renewal, if applicable and its period & expiry	NA
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA

22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Nominated Owner: Shri Nitin Sharma Address: Shop No. 3, Bengali Club Market, Karamchand Chowk, Jabalpur, M.P. 482001 Date of Appointment: NA
	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Agent- Not appointed Date of Appointment: NA
23	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	M. Manager not appointed Date of Appointment: NA
	Name of the Geologist, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Geologist - Mrs. Ranjeeta Markam, MSc(Geo) Address, Phone: No., Fax No. & email address As stated above Date of Appointment: 20/09/2021
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Punit Kumar Dhruve, (BE Mining Engineer), Experience -05 years, part time Address, Phone: No., Fax No. & email address As stated above Date of Appointment: 20/09/2021
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes,
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	28/06/2007(SOM) period 2006-07 to 2010-11 14/06/2014(SOM) period 2014-15 to 2015-16 12/09/2019(RMP) period 2019-20 to 2020-21 17/08/2022(RMP) period 2022-23 to 2025-26
29	Mineral(s) granted in lease and approved for Mining	Iron Ore, Manganese ore, Bauxite, Laterite and Clay
30	Method of Mining (Opencast, Underground)	Open cast
	Category (Fully Mechanized, Others or Manual)	Fully Mechanised
	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	8 boreholes	Not carried out	Deviation pointed out -rule 11(1) V/L dated 23/09/2024
1b	Exploration over lease area for Geological axis 1 or 2.	8 boreholes for conversion of entire lease area i.e.6.44hect into G1 level	Explored under G2 level-6.15hect Unexplored area 0.29hect	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed.	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	6.44hect into G1 level	Proposed exploration works not carried out. Hence entire 6.44hect as well as unexplored area 0.29hect are required to be converted into G1 Level.	
1e	Balance reserves as on 01.04.2024	122-48400 tone	122- 49094one	

1f	General remarks of Inspecting officer on geology, exploration etc.	Mining lease area is not explored into the level specified under statute. There is a need of additional exploration and accordingly proposal for additional exploration were proposed in approved RMP.]]But such additional drilling had not been carried out by the lessee for which violation of rule 11(1) & 12(3) had been issued vide letter dated 23/09/2024. Additional exploration is essential to know the actual extent of deposition as well as qualitative status of mineralisation.
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Development

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N2584650-N2584850 & E399320-399420	Mining operation in the mine was found not carried out as per approved proposal.	Mining operation in the mine was found closed on the date of inspection. As per office record(MR,May,23 to July,24) there was no mining operational activities carried out in the lease area. Advancement of faces as well as deepening of Pit 1 & 3 were observed. Deviations pointed out -rule 11(1) vide letter dated 23/09/2024.As the mine was closed for more than 90 days without notice of temporary discontinuance and mine again reopened after a gap of 15 months without notice of reopening of mine , violation of rule 28 and 29 pointed out vide letter dated 23/09/2024.
2b	Separate benches in top soil overburden and mineral (Rule 15)	New Pit -1 1& 2 .No Soil & OB bench 3.Iron ore benches 2 no of 6m height	As stated above.	
2c	Stripping ratio or ore to OB ratio	1:0.28	NA	
2d	Quantity of top soil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	16448	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Pit was found not advanced upto the proposed coordinates. Pit orientation was also found not developed in the light of approved proposals. Shape and size of Pits were found capable to achieve the envisaged production. Mining operation in the lease area was reportedly reopened in August,2024 after prolong period i.e after May,2023(based on MRs). Pit no.2 was found water logged.		

Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	02	NA	-
3b	Quantity of ROM mineral production proposed (2023-24)	104383tones ROM	ROM-Nil tone	-
3c	Recovery of Salable/usable mineral from ROM production	80%	NA	-
3d	Quantity of mineral reject generation	Nil	Nil	-
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-
3f	Quantity of sub-grade mineral generation	Nil	Nil	-
3g	Grade of sub-grade mineral generation	Nil	Nil	-
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanised method proposed	NA	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	

3j	Provision of drilling & blasting in mineral benches	Not proposed	Not required	-
3k	Provision of mining machineries in mineral benches	Rock drill nil Excavator: 01 no.1.2cum bucket Capacity Hydraulic Excavator 1 No. 1.0cum bucket capacity. Transportation: Dumpers 01 nos. water tanker 01 no.	NA	List of mining machineries not furnished in AR. Reportedly there was no mining activities except dispatch in year under review.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	At some places bench height was on higher side.	Matter discussed in the field and advised to keep the bench height as per approved proposal.
3m	Total area covered under excavation /pits	3.27 Hectare	3.27hect.	-
3n	Ore to OB ratio for the pit/mine during the year	1:0.28	NA	-
3o	Total area put in use under different heads at the end of year	4.9158 Hectare	About 3.308hect	Under reporting. Matter discussed in the field and advise rendered for proper care while filling of AR.
3p	Production of ROM mineral during the last five-year period as applicable	2019-20	91191	0
		2020-21	82593	12000
		2021-22	0	0
		2022-23	77949	19450
		2023-24	74440	0
3q	General remarks of inspecting officer on method of mining etc	Open cast mechanised mine working proposed by using Excavator/JCB & dumper combination without drilling & blasting.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of top soil, OB & mineral reject (Rule 32,33)	Mine waste dumping	NA	Reportedly mine was not in operation.
4b	Location of topsoil, OB & mineral reject dumps	N23°22'10.38" to N N23°22'14.92" & E80°00'46.84" to	NA	As stated above.

		E80°00'52.41"		
4c	Number of Dumps within lease area and outside lease area	Within the lease area 01 & outside lease area-Nil	NA	---do---
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Outside of UPL	NA	-
4e	Number of Active & Alive dumps	Active-& Inactive-Nil	Active-& Inactive-Nil	-
4f	Number of dead dumps	Nil	Nil	Nil
4g	Number of dumps established	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Proposed	NA	-
4i	Length of Retaining wall or garland drain all along dump	Retaining wal-250m Garland drain-240m	Not observed	
4j	Number of settling ponds	Not proposed	NA	-
4k	Specific commends of inspecting officer on waste dump management	There is no dump within UPL. Proposed dump location is also outside of UPL. Although there is no waste dump observed within lease area.		

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	NA	Nil
5b	Area under backfilling of mined out area	Not proposed	NA	Backfilling found started.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	NA	Nil
5d	Total area fully reclaimed & rehabilitated	Not Proposed	NA	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc.	There is no proposal for backfilling and reclamation against the year under review. Mine was reportedly as well as office record basis closed in entire the year under review except in May,2023.		

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		PMCP report and UAV survey (KML file) found attached with the AR,2023-24	-
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not specified	NA	-.
	ii) Afforestation done (ha)	Not proposed	NA	
	iii) No. of saplings planted during the year	Not proposed	NA	
	iv) Cumulative no. of plants	Not proposed	NA	

	v) Any other specific method of rehabilitation	NA	NA	Nil
	vi) Cost incurred on watch & care during the year	Not proposed.	NA	Nil
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 proposed Not proposed Not proposed Not proposed Not proposed	NA NA NA NA NA	-
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	239 0.2150 plantation	Nil Nil NA	Mine was closed almost the year under review.
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	NA	-
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mine was closed almost the year under review hence no progress on PMCP compliances seen during the inspection.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Dispatch proposed without mineral processing. Iron ore -15170T Laterite-59270T	Iron ore 256tone (Fe content 55 to 58%) & Laterite-Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Along with Manual sorting mechanized screening	As per approved proposal.	Nil
7c	Different grade of mineral sort out at mine	48 to 52% Fe content	Fe content 55 to 58%)	-
7d	Any beneficiation process at mines	Not proposed	NA	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no issue related with mineral conservation aspect. However, due to lacking in proposed exploration work level of information about deposit is less resulting low level of mining activity in the ML area.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not Proposed	NA	-
8b	Concurrent use or storage of topsoil	Not Proposed	NA	-
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposed	NA	-

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed.	NA	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	NA	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	239 saplings	20	Mine was closed almost entire year under review.
8g	Survival rate	80%	60	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	NA	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is moderate and needs further improvement.		

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of Sep-24 and AR of 2023-24	MR of Sep,24 as well as AR for 2023-24 found submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: Shri Punit Kumar Dhruve, ME and Mrs. Ranjeeta Markam, Geologist	Shri Punit Kumar Dhruve accompanied to inspecting officer during inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use as per Annual return 2023-24 Currant working: 3.278ha. OB/waste dump: 0.0ha. Occupied by plant .. etc. 0.030 Green Belt: 0.00 ha. Progressive mine closure plan-0.00hect.	Uploaded KML file found not complete. Only ML boundary line and Boundary Pillar points are shown on the attached KML file. Updated mine working, dumps, mineral stacks, plantation area etc should have been shown on the KML file. Deficiency pointed out through violation of rule 45(7) vide letter dated 23/09/2024
9d	Scrutiny of Annual return on Afforestation	Afforestation as per AR 20	Sapling found ok but survival rate is on lower side i.e 60%
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No any mineral reject generated during the year.	Ok
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM closing stock -Nil Graded Iron ore Fines of 55 to 58 Fe content 16227tone	Ok
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price & sale value both are: Rs.450/-- per ton, Cost of production = Rs. 130 per tone	In calculation of cost of production royalty, DMF, NMET amounts have not been taken into account properly. Necessary. Deficiency pointed out through violation of 45(7)

9i	Scrutiny of Annual return on Fixed assets	Fixed assets – Rs. 0/-	Matter discussed with the mining engineer and advised to take care while filing of AR.
9k	Scrutiny of Annual return on mining Machineris	Front end Loader -Nil Dumper - Nil	OK, Mine was closed almost entire the year under review.

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

1. Rule 11(1) letter dated 23/09/2024
2. Rule 12(3) letter dated 23/09/2024
3. Rule 28 letter dated 23/09/2024
4. Rule 29 letter dated 23/09/2024
5. Rule 45(7) letter dated 23/09/2024

Date: 23/10/2024

Name:- Raghubir Sharan Garg
Designation: Assistant Controller of Mines