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General

S.N.	Particulars	Details
1	Name of the Mine	Roshra, Bauxite ,Laterite , Fireclay and Ochre Mine
	Date of Inspection:	Date of Inspection: 17/06/2022
	Name of Inspecting Officer	Madhavrao Sabre
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	16.188 Ha
3	Mine code	75MPR18014
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/6861/2011
5	Name of the Lease, Address, Phone, email and fax number	M/s Hukumchand Stone Lime company Nai Basti Katni, M.P, 483501 Mob:09425171525
6	Village	Roshra
7	Taluka/Mandal	Sihora
8	District	Jabalpur
9	Pin code	483501
10	State	Madhya Pradesh
11	Post Office	Roshra
12	Nearest Police Station	Sihora
13	Nearest Railway Station	Sihora
14	Date of Grant of Mining Lease	21.03.1985
15	Date of Execution	21.03.1985
16	Date of opening of Mine	15.04.1985
17	Date of First Renewal, if applicable and its period & expiry	Initial Grant : 21.03.1985 to 20.03.1995 1st renewal :21.03.1995 to 20.03.2035
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	Shri Neeraj Kumar Jain HUKAMCHAND STONE LIME COMPANY, Mob: 9425171525
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Manoj Jain
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	-
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Not appointed- Violation issued
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Sagar Sahu
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	MP/JABALPUR/LATERITE/MPLN/R-3/98-99 dated 10/9/1998
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/Jabalpur/Bauxite/RMP-31/2022-23 dated 20/7/2022
27	Mineral(s) granted in lease and approved for Mining	Bauxite, Laterite , Fireclay and Ochre
28	Method of Mining (Opencast, Underground)	Open Cast

29	Category (Fully Mechanized, Others or Manual)	A category
30	Captive/Non-Captive	Non Captive

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Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	15 Boreholes	05 Boreholes drilled	Violation Pointed
1b	Exploration over lease area for Geological axis 1 or 2.	15 boreholes	05 Boreholes drilled	Violation Pointed
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	-	Rs 95000/-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2.	-	G1= 3.7078 Ha G2=8.0486 Ha Area Yet to be explored 0.4002 Ha	
1e	Balance reserves as on 01.04.2023		111 = 1071256 T 211= 73364 T 331= 1165821 T	
1f	General remarks of Inspecting officer on geology, exploration etc.	Area belongs to Mahakaushal Group of Paleo proterozoic age. Minerals present are Bauxite, Laterite, fireclay and ochre. Area is yet to be fully explored.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	1. N2606430 to N 2606480 E401070 to E401160 2. N2606475 to N 2606580 E4011877 to E 401270	Done as per proposal	-
2b	Separate benches in topsoil overburden and mineral (Rule 15)	NA	NA	
2c	Stripping ratio or ore to OB ratio	1:0.64	1:0.64	
2d	Quantity of topsoil generation in m ³	Nil	Nil	-
2e	Quantity of overburden generation in m ³	Nil	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Development done as per proposal.		

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	02	02	
3b	Quantity of ROM mineral production proposed (2022-23)	161793 Tonnes	74315 Tonnes	Violation pointed for shortf

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MCDR-MiFLOBXT/4/2022-JBP-IBM-RO-JBP				all					
3c	Recovery of Salable/usable mineral from ROM production	90%	90%	-					
3d	Quantity of mineral reject generation	-	9539 T						
3e	Grade of mineral reject generation and threshold value declared	-	-	-					
3f	Quantity of sub-grade mineral generation	Nil	Nil						
3g	Grade of sub-grade mineral generation	NA	NA						
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	Nil	Nil						
3j	Provision of drilling & blasting in mineral benches	Nil	Nil						
3k	Provision of mining machineries in mineral benches	Yes	Tata Hitachi excavator of 1.1 m3 bucket capacity FRONT END LOADER 1.200 CUM DUMPER 16.000 TONNE DUMPER 10.000 TONNE						
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Bench height of 3 m is proposed.						
3m	Total area covered under excavation /pits	Yes	1.5 Ha						
3n	Ore to OB ratio for the pit/mine during the year	1:0.64	1:0.64						
3o	Total area put in use under different heads at the end of year	-	<table border="1"> <tr> <td>(i) Already exploited & abandoned by opencast (O/C) mining 0.425 ha</td> </tr> <tr> <td>(ii) Covered under current (O/C) Workings 3.21 Ha</td> </tr> <tr> <td>(iii) Reclaimed/Rehabilitated 0.00</td> </tr> <tr> <td>(iv) Used for waste disposal 0.426 Ha</td> </tr> <tr> <td>(v) Occupied by plant, buildings, residential, welfare buildings & roads 0.139 Ha</td> </tr> </table>	(i) Already exploited & abandoned by opencast (O/C) mining 0.425 ha	(ii) Covered under current (O/C) Workings 3.21 Ha	(iii) Reclaimed/Rehabilitated 0.00	(iv) Used for waste disposal 0.426 Ha	(v) Occupied by plant, buildings, residential, welfare buildings & roads 0.139 Ha	
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3p	Production of ROM mineral (In tones) during last five-years period, as Applicable	2018-19	108566	-	Violation pointed for shortfall all in 2011-22				
		2019-20	110439	-					
		2020-21	130080	5280					
		2021-22	161793	74315					
		2022-23	25746	Nil					

3q	General remarks of inspecting officer on method of mining etc	Production
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Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	Done as per proposal	
4b	Location of topsoil, OB & mineral reject dumps	Yes	1. N 2606490 to N 2606515 E 401060 to E 401090 2. N2606500 TO 2606530 E 401095 to 401120	
4c	Number of Dumps within lease area and outside lease area	-	03 dumps within lease	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	-	Within UPL	
4e	Number of Active & Alive dumps	03	03	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps established	-	No new dump established during the year.	
4h	Whether Retaining wall or garland drain all along dumps are there	Garland drain proposed	Garland drain constructed.	
4i	Length of Retaining wall or garland drain all along dump	-	250 m	
4j	Number of settling ponds	-	Nil	
4k	Specific commends of inspecting officer on waste dump management	03 dumps are there within mining lease		

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	Yes	Backfilling yet to be started.	
5b	Area under backfilling of mined out area	Na	Presently Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	-	Presently no top soil proposal is there	
5d	Total area fully reclaimed & rehabilitated	Nil	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling and Reclamation is yet to be taken up as , pits are not fully mined out.		

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	Yes	Not submitted	Violation pointed
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	NA	Not is reporting year.	
	ii) Afforestation done (ha)	Yes	1.00 Ha	
	iii) No.of saplings planted during the year	Yes	1000 saplings planted.	
	iv) Cumulative no. of plants	Yes	2000 saplings planted.	
	v) Any other specific method of rehabilitation	NA	NA	
	vi) Cost incurred on watch & care during the year	NA	Rs 20000/-	
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		Afforestation done in 7.5 m barrier.	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Not in proposal	1000 saplings planted in 7.5 m barrier during the RY.	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Done regularly	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Environmental monitoring done on quarterly basis, 1000 saplings planted during the reporting year.		

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S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Yes	grade wise sorting within lease area	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Yes	Manual	
7c	Different grade of mineral sort out at mine	Yes	Cement grade bauxite	
7d	Any beneficiation process at mines	-	Manual Screening	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Grade wise sorting by manual means done in lease area.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	NA	Not in RY	
8b	Concurrent use or storage of topsoil	Na	To be used in plantation	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes	Separate dumps for overburden proposed.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes	Will be used in Back filling	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	-	Not in Reporting year	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	-	Yes done	
8g	Survival rate	-	70 %	
8h	Water sprinkling on roads to control airborne dust	Yes	Carried out regularly	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Separate dumps for overburden proposed and done, 1000 saplings planted during the year.		

9. Compliance of Rule 45 (2022-23)

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S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Annual return not submitted on time for year 2021-22	Violation pointed.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not furnished	Violation pointed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	
9d	Scrutiny of Annual return on afforestation	Yes furnished	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Yes furnished, 81230.040 T of cement grade bauxite stock is there in lease area.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Yes	
9i	Scrutiny of Annual return on Fixed assets	NA	
9k	Scrutiny of Annual return on mining Machineries	Yes furnished.	

No previous violations were issued to this mine.