

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Habardi Bauxite Mine, (Sy. No.431/P)
2A	Inspecting officer with date, Type	G.Ram, Sr. ACOM, 18/7/2021, Star Rating
2B	Accompanying official	Dhrumil Makechha
3	Total Lease Area (Ha) Non-forest, forest	Total area-7.08Ha, Non-Forest land
4	Mine code & IBM Registration Number	07GUJ07109 & IBM/5181/2011
5	Name of the lessee, Address, phone, email and fax number	Sh. Naresh Kumar Prabhudas Makhecha, Prop-M/s Supreme Ind.,299 GIDC Industrial Area, Dist.-Porbandar, Gujarat- 360 577
6	Village	Habardi
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pin code	361315
10	State	Gujarat
11	Post office	Kalyanpur
12	Nearest police station	Kalyanpur
13	Nearest Railway station	Khambhalia
14	Date of Grant of Mining Lease	17.02.1982
15	Date of Execution	29-12-1983, 20 Year, Expiry-28.12.2033 as per MMDR (A) Act,2015
16	Date of opening of Mine	01.7.2015 (Reopening)
17	Date of first Renewal, its period & expiry	24.12.2002, Form-J submitted for renewal.
18	Date of second Renewal, period & expiry	Not applicable
19	Date of submission of renewal application	Not applicable
20	Name of the Nominated Owner Address, phone, email, fax and date of appointment	Sh. Naresh Kumar Prabhudas Makhecha, Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist.-Porbandar- 360 577
21	Name of the Mine Agent, Address, phone, email, fax & date of appointment	Sh. Naresh Kumar Prabhudas Makhecha, Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist.-Porbandar- 360 577
22	Name of the Mines Manager, Address, phone, email, fax, date of appointment	G.Chandarana wef 01.4.2019 C/o Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist. - Porbandar, Gujarat- 360 577
23	Name of the ME, Qua. & Exp., Address, phone , email, fax, date of appointment	G.Chandarana C/o Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist. - Porbandar, Gujarat- 360 577
24	Whether Geologist & ME appointed in mines satisfy the rule	MS. Nirupama Jain wef 01.4.2017 C/o Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist. - Porbandar, 360 577
25	Date of Approval of MP with 05year period and specific condition in approval	Mining Plan was approved vide letter No-682(23)(883)/ 98 /MCCM/(N)/UDP Dated-29.6.1999 from 1999-00 to 2003-04
26	Date of Approval of SOM with five-year period and specific condition in approval	684(4)(1)/MP-223/2019-20/MCCM/(N)/UDP Dated-17.6.2019 from 2019-20 to 22-23
27	Mineral(s) granted in lease	Bauxite
28	Method of Mining (O/C, U/G)	Opencast
29	Category (FM, Others or Manual)	Fully Mechanized
30	Captive/Non Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

1.0 Exploration

SN	Item	Proposals 2020-21	Actual work	Remarks
1a	Backlog of previous year	NIL No back log of previous year.		
1b	Exploration over lease area for Geological axis 1 or 2.	Lessee has dug 04 Trial Pits (3mx3mx4m) in 2019-20 & existing mine pits of 07 Nos. of different depth.		
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lessee itself has explored the lease area by way of trial pits. & developing open mine pits in past.		
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1/G2 level of exploration-G1-4.17 Ha & G2-2.14 Ha,G3-0.772Ha		
1e	Balance reserves as on 01.4.2021	Reserves-Proved (111) =315374 Probable(121&122)= 196235T		
1f	General remarks of inspecting officer	Entire lease area is developed by open pits in G1/G2 level		

1.0 Development

SN	Item	Proposals 2020-21	Actual work	Remarks
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2a	Location of development w.r.t. lease area	Earmarked in plate No.3	NIL	
2b	Separate benches in topsoil, OB, mineral	Proposed	Irregular bench	
2c	Stripping ratio or ore to OB ratio	1:0.05	1:0.0	
2d	Quantity of topsoil generation in m3	430M3	NIL	
2e	Quantity of overburden generation in m3	Not Proposed	NIL	
2f	General remarks of I/o on development of pit w.r.t. type of deposit etc.	During inspection mine was not working & Mining lease area is developed by various mine pits etc.		

2.0 **Exploitation**

SN	Item	Proposals 2020-21	Actual work	Remarks
3a	Number of pits proposed for production.	Pit No.1,2	NIL	
3b	Quantity of ROM production proposed	97040T	0T (Till date)	
3c	Recovery of saleable/usable mineral	97040T	0T (Till date)	
3d	Quantity of mineral reject generation	1941M3	NIL	
3e	Grade of mineral reject generated,THV	As per proposed.	NIL	
3f	Quantity of sub-grade mineral generation	Not proposed	NIL	
3g	Grade of sub-grade mineral generation	Not Proposed	NIL	
3h	Manual / Mechanised method adopted	Manual / mechanised	NIL	
3i	Any analysis or beneficiation study	Not Proposed	NIL	-
3j	Provision of drilling & blasting	Not proposed	NIL	-
3k	Provision of mining machineries	Excavator/JCB, Tippers	NIL	
3l	Whether height of benches in OB & mineral suitable for method of mining	mechanised working with regular bench height	Irregular bench height	
3m	Total area covered under excavation/pits	--	NIL	
3n	Ore to OB ratio for the pit/mine	1:0.05	NIL	
3o	Total area put in use under different heads at the end of year	Pit- 1.82Ha, OB/Waste-0.63Ha, Min. Storage-0.5Ha, Infra/Road-0.38 ha,		
3p	Production of ROM mineral during last five-year period, as applicable	2017-18= 90000T 2018-19= 97000T 2019-20= 97040T 2020-21= 99507T 2021-22= 97003T	2017-18= 89000T 2018-19= 93000T 2019-20=0T 2020-21=0T 2021-22=0T	Till Date
3q	General remarks of inspecting officer on method of mining etc.	Method of mining proposed is HEMM & tipper combination.		

3.0 **Solid Waste Management-Dumping**

SN	Item	Proposals 2020-21	Actual work	Remarks
4a	Separate dumping of topsoil, OB / reject	Proposed	NIL	
4b	Location of topsoil, OB & mineral reject	Proposed	NIL	
4c	Number of dumps within ML/outside	None	None	
4d	Location of dumps w.r.t. UPL	Not applicable	Not applicable	
4e	Number of active & alive dumps	No proposal	Not applicable	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	Not applicable	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	-	NIL	
4i	Length of Retaining wall/ garland drain	Not applicable	NIL	
4j	Number of settling ponds	Not proposed	NIL	
4k	Specific comments of inspecting officer	Presently mine is not working due to want of statutory clearance.		

4.0 **Solid Waste Management-Backfilling**

SN	Item	Proposals 2020-21	Actual work	Remarks
5a	Status on part/ full extraction of mineral	99507T	0T (Till date)	
5b	Area under backfilling of mined out area	Proposed	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	380M3	NIL	
5d	Total area fully reclaimed & rehabilitated	Nil	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Presently mine is not working during the year due to want of statutory clearance & no OB /waste generated.		

6.0 **Progressive Mine Closure Plan**

SN	Item	Proposals 2020-21	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly.	Proposed	Not submitted.	VL pointed

6b	Management of worked/mined out benches 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	NIL	NIL	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific	1990M3	NIL	
6d	Compliance of Rehabilitation of waste land i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	200 Nos. Saplings 350m wire fencing 30m bund	100 Nos. Saplings -- --	Poor survival
6e	Compliance of Environmental monitoring	Periodical monitoring	Third party done	
6f	General remarks of inspecting officer on PMCP compliance & progressive	During inspection mine was not working & PMCP annual return is not submitted & reported.		

7.0 Mineral Conservation

SN	Item	Proposals 2020-21	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting	99507T	0T (Till date)	
7b	Method of grade-wise mineral sorting	Manual & Mech.	NIL	
7c	Different grade of mineral sorted out	sorting & sizing	NIL	
7d	Any beneficiation process at mines	Not required	NIL	
7e	General remarks of I/o on Mineral conservation & beneficiation issues	Lessee is utilizing entire ROM by proper stacking, sorting & sizing as per plant requirement.		

8.0 Environment

SN	Item	Proposals 2020-21	Actual work	Remarks
8a	Separate removal, utilization of topsoil	Proposed	NIL	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for OB, waste rock, rejects etc.	NA	NA	
8d	Use of OB, waste, rejects fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation & rehabilitation of lands affected by mining operations	No proposal	Nil	
8f	Baseline information on existence of plantation	Not proposed	NIL	
8g	Survival rate	----	50%	
8h	Water sprinkling on roads to control dust	Water spraying	Yes	
8i	General remarks of I/o on aesthetic beauty in and around mines are	aesthetic beauty in and around mines are agriculture land.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	M.R. & AR submitted- 2020-21 is submitted online.		
S.N	Item	Details GIVEN in AR	Observation	Remarks
9b	Scrutiny of Annual return on ME, MM & Geologist	ME-1 Geologist –1 & Manager -1, Appointed.		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details furnished in AR	<i>ROM production & Dispatch-reported NIL</i>	Hence, no significant VL observed & pointed.
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation			
9f	Scrutiny of Annual return on ROM stock, graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Presently mine was inspected for Star Rating & violation of 28(1), 33, pointed out for rectification & validation of online Star Rating of mine has been done.
