

## MCDR INSPECTION REPORT

### 1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Chhelana Bauxite Mine, (Sy. No.114/B)
2A	Inspecting officer with date, Type	G.Ram, DCOM, 14/11/2022 FN, Star Rating
2B	Accompanying official	Sh. Anil Parjapati, Lessee rep.
3	Total Lease Area (Ha) Non-forest and forest land	Total area-12.67Ha, Non-Forest land
4	Mine code, IBM Reg. under rule 45 of MCDR,17	07GUJ02001 & IBM/272/2011
5	Name of the lessee, Address, phone, email and fax number	Shri PratapSingh A Mori, Village-Pipli, Taluka-Kodinar,District-Amreli, Gujarat- 360 720
6	Village	Chhelana
7	Taluka/Mandal	Jafarabad
8	District	Amreli
9	Pin code	362720
10	State	Gujarat
11	Post office	Timbi
12	Nearest police station	Jafarabad
13	Nearest Railway station	Rajula
14	Date of Grant of Mining Lease	10.11.1979
15	Date of Execution	31.5.1929, as per MMDR Amendment Act,2015
16	Date of opening of Mine	--
17	Date of first Renewal, if and its period & expiry	MCR-1094-1389-CHH Dated 07.1.2002 & subsequently lease deed executed & reg. on 17.5.2002.
18	Date of second Renewal, period & expiry	NA
19	Date of submission of renewal application if any	NA, As per MMDR Amendment Act, 2015 mining lease extended Vide letter No.MCR-1579-M-39/3862-CHH-1 Dated 04.8.2018 up to 31.5.2029.
20	Name of the Nominated Owner with Address, phone, email and date of appointment	Shri PratapSingh A Mori, Village-Pipli, Taluka-Kodinar,District-Amreli , Gujarat- 360 720
21	Name of the Mine Agent, Address, phone, email, fax & date of appointment	Shri PratapSingh A Mori, Village-Pipli, Taluka-Kodinar,District-Amreli, Gujarat- 360 720
22	Name of the Mines Manager with Address, phone, email, date of appointment in mines	-NA- Form-D1, Discontinuance Notice is submitted wef 01.3.2020 to till date due to EC pending.
23	Name of the ME, Qua. & Exp., Address, phone , email, fax, date of appointment	-NA-
24	Whether Geologist & ME appointed in mines satisfy the rule 55	-NA-
25	Date of Approval of MP//MMP with five-year period and specific condition, if any.	MP was approved vide letter No-682(23)(MP-73/2000/MCCM (N)/UDP Dated-22.12.2000
26	Date of Approval of RMP with five-year period and specific condition in approval letter, if any.	682(23)(MS-622/2011/MCCM (N)/UDP Dated-20.9.2016 MMP is approved wef 684(4)(1)/MP-418/2022-23 from 2022-23 to 2023-24.
27	Mineral(s) granted in lease	Bauxite
28	Method of Mining (O/C, U/G)	Opencast
29	Category (FM, Others or Manual)	Mechanized
30	Captive/Non Captive	Non-Captive

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

### 1.0 Exploration

SN	Item	Proposals 2021-22	Actual work	Remarks
1a	Backlog of previous year	Not proposed	Not done	Lessee has been carried out 06 trial pits in lease area
1b	Exploration over lease area for Geo axis 1 or 2.	Not proposed	Entire ML area is in G1/G2	
1c	Exploration Agency & Exp. in lakh Rs. during the year	Lessee itself		
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Proposed	NIL	
1e	Balance reserves as on 01.4.2022	0.966 million tonne as per approved MMP dated 03.6.22		
1f	General remarks of inspecting officer	Entire lease area is developed by various pits & explored in past by drilling in G1/G2 level.		

## 2.0 Development

SN	Item	Proposals 2021-22	Actual work	Remarks
2a	Location of development w.r.t. lease area	Proposed to work in Pit No.1&2 as earmarked	Not done	
2b	Separate benches in topsoil, OB and mineral	Proposed	Not done	
2c	Stripping ratio or ore to OB ratio	1:0.0	Not done	
2d	Quantity of topsoil generation in m <sup>3</sup>	Not proposed	Not done	
2e	Quantity of overburden generation in m <sup>3</sup>	Not Proposed	Not done	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining lease area is developed by existing mine pits etc. & bauxite of low grade deposit are existed.		

## 3.0 Exploitation

SN	Item	Proposals 2021-22	Actual work	Remarks
3a	Number of pits proposed for production	Pit 1&2 as earmarked	Not done	D1 submitted wef 01.3.2020
3b	Quantity of ROM production proposed	1,24,740T	Not done	
3c	Recovery of saleable/usable mineral from ROM	100% ROM	Not done	
3d	Quantity of mineral reject generation	Not proposed	Not done	
3e	Grade of mineral reject generation and THV	Above THV & below cut-off grade bauxite		
3f	Quantity of sub-grade mineral generation	Not proposed	Not done	
3g	Grade of sub-grade mineral generation	Not Proposed	Not done	
3h	Manual / Mechanised method adopted	Manual / mechanised	Not done	
3i	Any analysis or beneficiation study proposed	Not Proposed	Not done	-
3j	Provision of drilling & blasting in benches	Not proposed	Not done	-
3k	Provision of mining machineries in benches	JCB-01, Tippers ,water pump	Not done	
3l	Whether height of benches suitable for method	Mech. regular bench height	Not done	
3m	Total area covered under excavation/pits	---	Not done	
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	Not done	
3o	Total area put in use under different heads	----	Pit- 6.24ha, Storage-.021 ha, Inf-.0.1Ha,Road-.48 ha	
3p	Production of ROM mineral during last five-year period, as applicable (2022-23 till Oct'22)	2018-19= 156338T 2019-20= 187605T 2020-21=52502T 2021-22=124740T 2022-23=187605T	2018-19= 4500T 2019-20= 2000T 2020-21=500T 2021-22=0 T 2022-23=0T (Till Oct,22)	Lagging in ROM production
3q	General remarks of IO on method of mining etc.	Mechanised opencast method of mining with JCB/Excavator with tipper combination. During present inspection mine was not working.		

## 4.0 Solid Waste Management-Dumping

SN	Item	Proposals 2021-22	Actual work	Remarks
4a	Separate dumping of topsoil, OB/Mineral reject	Not Proposed	NIL	No OB/Waste proposed & generated.
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within lease area and outside			
4d	Location of dumps w.r.t. ultimate pit limit			
4e	Number of active & alive dumps			
4f	Number of dead dumps			
4g	Number of dumps stabilised			
4h	Whether Retaining wall or garland drain there			
4i	Length of Retaining wall or garland drain			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer	No OB/waste is generated presently. Topsoil is used for plantation.		

## 5.0 Solid Waste Management-Backfilling

SN	Item	Proposals 2021-22	Actual work	Remarks
5a	Status on part or full extraction of mineral	Not proposed	NIL	
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc.	There are no OB/Waste generation. Hence no backfilling & reclamation proposed & not carried out.		

### 6.0 Progressive Mine Closure Plan

SN	Item	Proposals 2021-22	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26 (2).	Proposed	PMCP Report is not submitted	VL under rule 26(2) pointed out.
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	0.02Ha 50 No of Saplings ---	0.02Ha 50No of Saplings ---- 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 etc.	Not Proposed	NIL	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not proposed	Not done	
6e	Compliance of Environmental monitoring	Proposed	Third party done	
6f	General remarks of IO on PMCP compliance & progressive	PMCP report is not submitted. Hence violation pointed.		

### 7.0 Mineral Conservation

SN	Item	Proposals 2021-22	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting	124740T	0T	
7b	Method of grade-wise sorting i.e. manual or mech.	Manual & Mech.	Not done	
7c	Different grade of mineral sorted out at mines	sorting & sizing	Not done	
7d	Any beneficiation process at mine	Not required	Not done	
7e	General remarks of inspecting officer 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 2021-22	Actual work	Remarks	
8a	Separate removal and utilization of topsoil	Not Proposed	Not done		
8b	Concurrent use or storage of topsoil				
8c	Separate dumps for OB, waste rock, rejects, fines				
8d	Use of OB, waste rock, rejects and fines dumps for restoring the land to its original use				
8e	Phased restoration, reclamation & rehabilitation of lands affected by mining operations				
8f	Baseline information on existence of plantation				
8g	Survival rate				About 50%
8h	Water sprinkling on roads to control airborne dust				NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Aesthetic beauty in and around mines area is degraded mining pits & natural grown shrubs & bushes observed.			

### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	M.R. & A.R. submitted with in time for the year 2021-22		
S.N	Item	Details GIVEN in A.R.	Observation of I/O	Remarks
9b	Scrutiny of AR for information on ME, Geologist & Manager	Details as per given in AR	AR-2021-22 is submitted on 01.7.22 with NIL information due to mine not working.	VL under provision of rules 45(5)(c), 45(7A) pointed out for delayed submission.
9c	Scrutiny of AR on land use pattern for area under pits, reclaimed , dumps etc.			
9d	Scrutiny of Annual return -afforestation			
9e	Scrutiny of AR on mineral reject generation			
9f	Scrutiny of AR on ROM stock, graded ore			
9g	Scrutiny of AR 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 & Online star rating evaluation done (3Star). MMP approved on 03.6.2022 recently. Mine is suspended by this office on 16.1.2023 and not revoked. Presently VL of rules 26(2),34A, 45(5)©,45(7A) pointed out.