

INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1(a)	Name of the Mine	Chhelana Bauxite Mine
1(b)	Name of Inspecting Officer & Designation	Sh. Snehalkumar Patel, Asst. Mining Engineer
1(c)	Accompanying Mines Representatives	Shri Manoharbhair & Sh. Vishal (QP)
1(d)	Type of Inspection	Review of Mining Plan
1(e)	Date of Inspection	20-02-2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	12.6767 Ha (Non-Forest: 12.6767 Ha & Forest: 0 Ha)
3	Mine code	07GUJ02001
4	IBM Registration Number under rule 45 of MCDR, 2017	IBM/272/2012
5	Name of the lessee, Address, phone, email, and fax number	Legal Heir Shri Manoharsinh Pratapsinh Mori S/o Late Shri Pratapsinh Abhalbhai Mori Address: So Mori Pratapbhai 521 Pipli Gali Pipli Kodinar Gir Somnath Gujarat 362720 Mobile No: 9824940540 Email ID: rajhans_mori83@gmail.com
6	Village	Chhelana
7	Taluka/Mandal	Jafrabad
8	District	Amreli
9	Pincode	362720
10	State	Gujarat
11	Post office	Jafrabad
12	Nearest police station	Jafrabad
13	Nearest Railway station	Pipavav
14	Date of Grant of Mining Lease	01.06.1979
15	Date of Execution	10.11.1979
16	Date of opening of Mine	10.11.1979
17	Date of first Renewal, if applicable and its period & expiry	Period: 10.11.1999 to 09.11.2019
18	Date of second Renewal, if applicable and its period & expiry	Period: 09.11.2019 to 31.05.2029
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	Legal Heir Shri Manoharsinh Pratapsinh Mori S/o Late Shri Pratapsinh Abhalbhai Mori Address: So Mori Pratapbhai 521 Pipli Gali Pipli Kodinar Gir Somnath Gujarat 362720 Mobile No: 9824940540 Email ID: rajhans_mori83@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh. Vinod Kumar Jain
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Letter no: 682(23)(73)/2000-MCCM(N)UDP dated: 22.12.2000. (01.04.2001 to 31.03.2006) Letter no: 684(4)(1)/MP-418/2022-23-GNR dated: 03.06.2022. (03.06.2022 to 31.03.2024)
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Letter no: 682(23) MS-367/2006 MCCM(N)UDP dated:08.01.2007. (08.01.2007 to 31.03.2011). Letter no: 682(23) MS-622/11MCCM(N)UDP dated:16.03.2012. (16.03.2012 to 31.03.2016) Letter no: 682(23) (MS-622/2011) MCCM(N)UDP dated:20.09.2016. (20.09.2016 to 31.03.2020)

I/33615/2024

		Letter no: 684(4)(1)/MP-271/2020-21-GNR/1043 dated:07.10.2020. (07.10.2020 to 31.03.2024)
27	Mineral(s) granted in lease and proved for mining	Bauxite & White Clay
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Fully Mechanised
30	Captive/Non-Captive	Non-Captive

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

Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	Nil	2021-22 06 TP & 2022-23 06 BH work done.	-
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.04.2023	1.457335 Million Tonnes	1.6444940 Million Tonnes	-
1f	General remarks of inspecting officer on geology, exploration etc.	G1- 4.03 ha. & G2-19.7049 ha.		

2.0 Development

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	2023-24: Nmax:2313627 Nmin:2313544 Emax:731533 Emin:731320	2023-24: Nil	Not done, Since mine is not working due to want of EC.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Mineral Bench: 6m (50-46 & 46 to 43 mRL), OB & Topsoil: 847 cub	Mineral Bench: Nil	Not done, Since mine is not working due to want of EC.
2c	Stripping ratio or ore to OB ratio	1:0	Nil	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining is non-working due to EC. Mining work has been done in 01 pit in the past. No mining works observe during the time of inspection.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	2023-24: 1,87,608 T	2023-24: 0	
3c	Recovery of salable/usable mineral from ROM production	100%	0	
3d	Quantity of mineral reject generation	2023-24: 18,761 T	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	(i) For Aluminous laterite: Al ₂ O ₃ : 20%(Min.) (ii) For Bauxite: Al ₂ O ₃ : 30% (min.) and SiO ₂ (Total):7% (max.)	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Nil	

I/33615/2024

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	Excavator, JCB, Tipper	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	
3m	Total area covered under excavation/pits	6.65 Ha	6.26 Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	
3o	Total area put in use under different heads at the end of year	8.05 Ha	7.10 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2019-20-187605 t 2020-21-62502 t 2021-22-124740 t 2022-23-187605 t 2023-24-187605 t	2019-20-2000 t 2020-21-500 t 2021-22-0 t 2022-23-0 t 2023-24-0 t (up to Feb-24)	
3q	General remarks of inspecting officer on method of mining etc.	Mining is non-working due to EC.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Mineral Reject: 18,761 cub	Nil	Old material dump observed during the inspection approx.1000 ton.
4b	Location of topsoil, OB & mineral reject dumps	Mineral Reject: Nmax:2313673 Nmin:2313643 Emax:731468 Emin:731414	Nil	Nil
4c	Number of dumps within lease area and outside lease area	Nil	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	Nil
4e	Number of active & alive dumps	Nil	Nil	Nil
4f	Number of dead dumps	Nil	Nil	Nil
4g	Number of dumps stabilised	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	Nil
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	Nil
4j	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer	OB, waste, mineral rejects stack/dump in the lease area observed during the inspection.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	Nil
5b	Area under backfilling of mined out area	Nil	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	Nil
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc	As observed and reported during inspection top-soil present in small amount, which can be generated in due course of mining.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
----	------	---------------------	-----------------------	---------

I/33615/2024

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	Yes	-
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	2023-24: i) Nil ii) Nil iii) Nil iv) Nil v) Nil Vi) Nil	2023-24: i) Nil ii) Nil iii) Nil iv) Nil v) Nil Vi) Nil	Old Violation issued on 19-01-2023.
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 means (Fencing)	2023-24: i) Nil ii) Nil iii) Nil iv) Nil v) Nil	2023-24: i) Nil ii) Nil iii) Nil iv) Nil v) Nil	Old Violation issued on 19-01-2023.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	2023-24: i) 0.1 Ha ii) Nil iii) 250 no of Plant	2023-24: i) 0.1 ii) Nil iii) Nil	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Ambient Air Quality: 1 (Expenditure: 10000 Rs.) Water Quality: 1 (Expenditure: 10000 Rs.) Noise level survey: 1 (Expenditure: 10000 Rs.)	Yes	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	Lessee has not submitted the PMCP compliances to this office since mine is not working due to want of EC.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Nil	Nil	
7c	Different grade of mineral sorted out at mines	Nil	Nil	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Presently mine is not working due EC.		

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Nil	
8b	Concurrent use or storage of topsoil	No Proposal	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	2023-24: 250	2023-24: 0	
8g	Survival rate	No Proposal	Nil	
8h	Water sprinkling on roads to control airborne dust	Water to be sprinkled on the haul road to	Mobile water tankers have been deployed for the	

I/33615/2024

		suppress the dust being getting airborne	purpose.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mine was not working during inspection. The aesthetic beauty of area in & around mines are degraded old mine pits/land of irregular bench height & width due to mining activities etc.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to till date –Submitted up to March-24 A.R. submitted up to till date- Submitted on 08-05-2023.		
S.N	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Eng. –Yes Geologist- No	Mining Eng. Sh. Vinod Kumar Jain	Presently mine is not working due EC. Violation issued.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not filling	NA	
9d	Scrutiny of Annual return on afforestation	Not filling	NA	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Not filling	NA	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Cement Grade: 33650.390 T	Cement Grade: 33650.390 T	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA	NA	
9i	Scrutiny of Annual return on fixed assets	Not filling	NA	
9k	Scrutiny of Annual return on mining machineries	Not filling	NA	

Note:- As per the letter received from the O/o Commissioner of Geology and Mining, Govt. of Gujarat dated 05/01/2024 regarding Status of Lease Validity, this mines is in the list of existing mining lease which are not lapsed under Section 4A(4) of the MMDR Act.

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - The mine was not working from last 03 years. Old violation pending Rule 26(2),34A(3),45(5)(c),45(7)(A) issued on 19-01-2023. During inspection violation of Rule 28(1) for the rectification of the same within a period of 45 Days.

स्नेहलकुमार पटेल
सहायक खनन अभियंता
भारतीय खान ब्यूरो
