

MCDR INSPECTION INFORMATION SHEET**1.0 GENERAL**

S.N.	Particulars	Details
1(a)	Name of the Mine	Lamba Bauxite Mine
1(b)	Name of Inspecting Officer & Designation	Mohammad Nimar , Deputy Controller of Mine
1(c)	Accompanying Mines Representatives	Shri Gunanand Roy Agent , Mehul Goswami Mining Engineer
1(d)	Type of Inspection	MCDR
1(e)	Date of Inspection	16.10.2024
2	Total Lease Area (Ha) with breakup of non-forest and forest land	32.38Hect (non-Forest land)
3	Mine code	07GUJ07020
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/246/2011
5	Name of the lessee, Address, phone, email and fax number	M/s.Orient Abrasives Limited. Jamnagar Dwarka Highway Opp. Ashok Petrol Pump P.O-Khambhalia, District- Devbhumi Dwarka Mob: 9998945910 Email ID: orientkhambhalia@gmail.com
6	Village	Lamba
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pin code	361315
10	State	Gujarat
11	Post office	Lamba
12	Nearest police station	Bhatia
13	Nearest Railway station	Bhatia
14	Date of Grant of Mining Lease	13.05.1986
15	Date of Execution	30.09.1986
16	Date of opening of Mine	-
17	Date of first Renewal, if applicable and its period & expiry	Government of Gujarat issue lease extension latter vied no. MCR-1584(O-23) 6222-CHH dated 03.04.2018. Lease valid up to 29.09.2036.
18	Date of second Renewal, if applicable and its period & expiry	N.A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Lease period extension order issued by Industries and Mines Department and valid up to 29.09.2036.
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Manubhai Rathod Nr. Madhurma society, Dharmapur, Khambhalia- Jamnagar-361305 9925204400 orientkhambhaliya@gmail.com Date of Appointment- 15.06.2017
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Gunanand Roy M/S Orient Abrasives Ltd. Jamnagar Dwarka Highway Opp. Ashok Petrol Pump P.O-Khambhalia, District- Devbhumi Dwarka (Gujarat) Mob: 9998945910 Email Id-gunanandroy@ashapura.com Date of Appointment -01.08.2016

22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Mehul Goswami Jamnagar Dwarka Highway Opp. Ashok Petrol Pump P.O-Khambhalia, District- Devbhumi Dwarka (Gujarat) Mobile- 9979343846 Date of Appointment – 02.09.2024
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Mehul Goswami B.E. (Mining) Total experience: - 2.5 Years Jamnagar Dwarka Highway, Opp. Ashok Petrol Pump P.O-Khambhalia, District- Devbhumi Dwarka (Gujarat) Mobile- 9979343846
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes. Shree Rasmikant Pathak, Qualification M.Sc-Geology Experience more than 25 years.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved vide Letter No-684(1)MP-267/2019-20-GNR/822 Validity-2020-21 to 2024-25 for 5-year period. No any specific condition.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	-
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining (Opencast, Underground)	Opencast Working
29	Category (Fully Mechanised, Others or Manual)	Category-A (Mechanised)
30	Captive/non-captive	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 (2022-23)	Pit- 11,12 & 13 N100 TO E10 N80 TO E100 N100 TO E200	Nil	11 Trial Pit dug in the year 2024-25
1b	Exploration over lease area for Geological axis 1 or 2.	3 Trial Pits	11 Trial Pits	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lessee itself explore the area	Lessee itself explore the area	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1-17.6584 Ha G2-06.4343 Ha. G3-06.0513 Ha. G4-2.2373Ha	G1-32.38Hect	
1e	Balance reserves as on 01.04.2024	111 - 834469MT 122 - 437221MT 221 -101803MT 333- 348921MT	111 - 1638495MT 122 – 241537.5MT 221 -57739.5MT 222- 28125MT 333 – 30626 MT	

		334 – 139903 MT Total- 1862317 MT	Total- 1996523 MT	
1f	General remarks of inspecting officer on geology, exploration etc.	Exploration work has been carried out for exploring total area in G-1 level.		

2.0 Development

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit- 1, S320 TO W425 & S190 TO W290	Actual working in location as per Proposal 21.9313853N ,69.3206557E	.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Top Soil – 1Bench Bauxite - 1Bench	Top Soil – 1Bench Bauxite - 1Bench	
2c	Stripping ratio or ore to OB ratio	1:06	1:06	
2d	Quantity of topsoil generation in m3	3419	NIL	Only 08 MT Produced during the year.
2e	Quantity of overburden generation in m3	No Proposals	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Only 8 MT produced during development.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	Pit- 1, S320 TO W425 & S190 TO W290	01 N21.9312511, E69.3182121 N21.9317206,E69.317368 1	Only 08 MT Produced during the year
3b	Quantity of ROM mineral production proposed	51240	08	Quality of Bauxite has not Suitable for captive plant & low-grade bauxite not have market Demand.
3c	Recovery of saleable/usable mineral from ROM production	51240	08	Quality of Bauxite has not Suitable for captive plant & low-grade bauxite not have market

				Demand.
3d	Quantity of mineral reject generation	No Proposals	NIL	
3e	Grade of mineral reject generation and threshold value declared	No Proposals	NIL	
3f	Quantity of sub-grade mineral generation	No Proposals	NIL	
3g	Grade of sub-grade mineral generation	No Proposals	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposals	NIL	
3j	Provision of drilling & blasting in mineral benches	No Proposals	NIL	
3k	Provision of mining machineries in mineral benches	Excavator-01 Tipper-02 JCB-01	JCB-01	
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	1.59 Ha.	Actual working done in existing pit floor of existing pit.	Only 08 MT Produced during the year.
3n	Ore to OB ratio for the pit/mine during the year	1:06	NIL	
3o	Total area put in use under different heads at the end of year	Pit-4.31 ha Top Soil- 0 Mineral Storage-0.07 ha Infrastructure & Road-0.03 ha. Others- 0.22 ha	Pit- 1.59ha Top Soil- 0 Mineral Storage-0.07 ha Infrastructure & Road- 0.03 ha. Others- 0.06. ha	Less Production due to Quality Constant for captive plant and poor market Demand. Area not degraded.
3p	Production of ROM mineral during last five-year period, as applicable	2019-20= 51190MT 2020-21= 51218MT 2021-22= 51225MT 2022-23= 51233MT 2023-24= 51240 MT	2019-20 = 0 MT 2020-21 = 0 MT 2021-22 = 15 MT 2022-23= 0 MT 2023-24= 8 MT	Less Production due to Quality Constant for captive plant and poor market Demand. Area not degraded as per proposal.
3q	General remarks of inspecting officer on method of mining etc.	Only 8 MT production has been made because of market conditions. Mine is temporary discontinue w.e.f 22.03.2022		

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)	No Proposals	NIL	
4b	Location of topsoil, OB & mineral reject dumps	3417 of topsoil	NIL	
4c	Number of dumps within lease area and outside lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	
4e	Number of active & alive dumps	NIL	NIL	
4f	Number of dead dumps	NIL	NIL	
4g	Number of dumps stabilised	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	NIL	NIL	
4i	Length of Retaining wall or garland drain all along dump	NIL	NIL	
4j	Number of settling ponds	No Proposals	NIL	
4k	Specific comments of inspecting officer	No topsoil generated as no fresh ground broken because of vey less production.		

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	Void available 23915 Cu.M	NIL	Mineral not exhausted from the pit very less production achieved during the reporting year 2023-24
5b	Area under backfilling of mined out area	1608Sq.M	NIL	very less production during the reporting year 2023-24
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Backfilled area & other plantation area	NIL.	
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	No work towards backfilling done.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). Details should be given in the format as given in Annexure-20.	Submitted	Submitted in online Annual Return on 22-05-2024	
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	No Proposals	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 means	i) Voids available for backfilling – 23915Cu.m ii) Void filled by waste/tailings - 1608Sq.m iii) Afforestation on the backfilled area – 50Sapl iv) Rehabilitation by making water reservoir -6832Sq.m v) Any other specific means-50m Fencing	i) Voids available for backfilling – Nil ii) Void filled by waste/tailings -Nil iii) Afforestation on the backfilled area – 50 saplings iv) Rehabilitation by making water reservoir -Nil v) Any other specific means-50m Fencing	Mineral not exhausted from the pit. Very less production during the reporting year 2023-24
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	100 saplings	NIL	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Core Zone and Buffer Zone. Air, water, Noise Monitoring	Monitoring Carried Out by approved agency Air water Noise and Core and Biffer Zone	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Plantation as proposed was not carried out.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposal made for manual sorting and sizing.	Grade –wise manual sorting and sizing.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sorted out at mines	Manually	Manually	
7d	Any beneficiation process at mines	No Proposal	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Low grade Bauxite is suitably stacked.		

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	NIL	Only 08 MT Produced during the year.
8b	Concurrent use or storage of topsoil	Concurrent use - 3417Cu.M	NIL	Only 08 MT Produced during the year.
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	Proposal made for the backfilling of overburden/waste rock into the mined-out pit.	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	Part of the mineral exhausted pit to be backfilled and remaining part to be converted into water reservoir	NIL	Pit has not Matured for Backfilling And Water reservoir.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Plantation will be done on backfilled land & in statutory barrier. The species Neem Gulmohar and other local species will be planted. One person will be deputed for post plantation care such as watering, manuring etc.	NIL	
8g	Survival rate	80%	NIL	
8h	Water sprinkling on roads to control airborne dust	Water to be sprinkled on the haul road to suppress the dust being getting airborne	Mobile water tankers have been deployed for the purpose.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
1	Status of submission of Monthly and Annual returns	M.R. Submitted upto – Sept.-2024 A.R. submitted upto- Year 2023-24	

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	Yes	Shri Mehul Goswami – ME Shree Rasmikant Pathak- Geo	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings, 1.590 1.590 Occupied by plant, buildings, residential, welfare buildings and roads 0.030, Mineral Storage & Green Belt 0.160	Covered under current (O-C) Workings, 1.590 1.590 Occupied by plant, buildings, residential, welfare buildings and roads 0.030, Mineral Storage & Green Belt 0.160	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Nil	
9i	Scrutiny of Annual return on fixed assets	Nil	Nil	
9k	Scrutiny of Annual return on mining machineries	Yes		

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

Previous year no violations were pointed out. This year

- 1) Violation under regulation 11(1) for plantation is being issued.
- 2) Drone data for the 2023-24 was checked and found not per SOPs. Hence referred back on DDMS portal.
