

MCDR INSPECTION INFORMATION SHEET

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Mahadevia Bauxite Mine, 261/P
1 (b)	Name of Inspecting officer & Designation	Snehalkumar Patel, AME
1 (c)	Accompanying Mines Representatives	Sh. Harjivan Purshotamdas Thanki
1 (d)	Type of Inspection	MCDR/Star Rating
1 (e)	Date of Inspection	16.03.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	32.3748 Hectare
3	Minecode	07GUJ07023
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/1100/2011
5	Name of the lessee, Address, phone, email and fax number	Shri Harjivan Purshotamdas Thanki East Kadia Plot, Porbandar - 360577 Mo No. 9824290919 mail@rawmin.com
6	Village	Mahadevia
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pincode	360577
10	State	Gujarat
11	Post office	Mahadevia
12	Nearest police station	Kalyanpur
13	Nearest Railway station	Kalyanpur
14	Date of Grant of Mining Lease	15.01.1982
15	Date of Execution	17.10.1983
16	Date of opening of Mine	17.10.1983
17	Date of first Renewal, if applicable and its period & expiry	--
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 Harjivan Purshotamdas Thanki East Kadia Plot, Porbandar - 360577 Mo No. 9824290919 mail@rawmin.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh. Bhavin H. Thanki East Kadia Plot, Porbandar - 360577 Mo No. 9824290919 mail@rawmin.com
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sh. Shaileshkumar Viththalbhai Dave Nand Vihar Apartment, Opp Air Port, Porbandar 7567736799 dsvminingengineer@gmail.com
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh. Shaileshkumar Viththalbhai Dave Nand Vihar Apartment, Opp Air Port, Porbandar 7567736799 dsvminingengineer@gmail.com
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)324/2004MCCM(N)UDP Dated: 16-08-2004
26	Date of Approval of Scheme of Mining/Modified	Review of Mining Plan No. 684(4)(1)/MP-

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	Scheme of Mining with five-year period and specific condition in approval letter, if any.	327(246)/2020-21 Dated 19.03.2021 period from 2021-22 to 2023-24
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	A- Mechanised.
30	Captive/Non-Captive	Captive

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

Exploration

SN	Item	Proposals of (2021-22)	Actual work	Remarks
1a	Backlog of previous year	Nil	NA	
1b	Exploration over lease area for Geological axis 1 or 2.	5 Trial pits	5 Trial pits	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Self	Self	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal was there	NA	
1e	Balance reserves as on 01.04.2022	Proved Mineral Reserve (111) - 562097 ton. (122) - 540745 ton. Remaining Resources (211) - 214285 ton. (333) - 896190 ton.		
1f	General remarks of inspecting officer on geology, exploration etc.	Explored up to G1 Axis.		

2.0 Development

SN	Item	Proposals of (2021-22)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit-1	Pit-1	---
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	There was no such proposal due to Bauxite is outcropping in nature, Hence no soil or OB proposed.	As per plan	
2c	Stripping ratio or ore to OB ratio	1:1.1	1:1.1	---
2d	Quantity of topsoil generation in m ²	2517	About 2300	---
2e	Quantity of overburden generation in m ²	10068	About 10000	---
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Satisfactory.		

3.0 Exploitation

SN	Item	Proposals of (2021-22)	Actual work (2021-22)	Remarks
3a	Number of pits proposed for production	One	One	NIL
3b	Quantity of ROM mineral production proposed	2,00,332 tonnes	75,500 Tonnes	NIL
3c	Recovery of salable/usable mineral from ROM production	100%	100%	Cement grade
3d	Quantity of mineral reject generation	0	0	No mineral rejects generated
3e	Grade of mineral reject generation and threshold value declared	NIL	No mineral rejects generated	-
3f	Quantity of sub-grade mineral generation	NIL	NIL	-
3g	Grade of sub-grade mineral generation	NIL	NIL	-
3h	Manual / Mechanised method	Mechanised	Mechanised	-

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	adopted for segregating from ROM			
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	NA	-
3j	Provision of drilling & blasting in mineral benches	No	NA	-
3k	Provision of mining machineries in mineral benches	Yes	Rock Breaker, Excavator, Loader and Tippers	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Bench formed as per the proposal	-
3m	Total area covered under excavation/pits	3.89 Ha,	About 3.00 Ha.	-
3n	Ore to OB ratio for the pit/mine during the year	1:1.1	1:1.1	-
3o	Total area put in use under different heads at the end of year	6.8011	About 6.00 Ha.	-
3p	Production of ROM mineral during five-year period, as applicable	6,84,896 Toone	75,500 Toone	-
3q	General remarks of inspecting officer on method of mining etc.	Production is less due to quality issues. No working on inspection day.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals of (2021-22)	Actual work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	Yes	As per plan	NA
4b	Location of topsoil, OB & mineral reject dumps	Pit 1	Pit 1	
4c	Number of dumps within lease area and outside lease area	1	1	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N 00 to S220 E 00 to S220	N 00 to S220 E 00 to S220	
4e	Number of active & alive dumps	1	1	
4f	Number of dead dumps	NIL	Nil	
4g	Number of dumps established	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	NIL	Nil	---
4k	Specific comments of inspecting officer	No waste material observes during the inspection.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals of (2021-22)	Actual work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	NIL	NIL	-
5b	Area under backfilling of mined out area	1636 M ²	About 1600 M ²	
5c	Concurrent use of topsoil for restoration	Yes	Utilized for	

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	or rehabilitation of mined out area (Rule 32)		plantation in Statutory Barrier
5d	Total area fully reclaimed & rehabilitated	NIL	NIL
5e	General remarks of inspecting officer on backfilling, reclamation etc	Satisfactory.	

6.0 Progressive Mine Closure Plan

SN	Item	Proposals of (2021-22)	Actual work (2021-22)	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.	Yes	Yes Submitted	-
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	0.1636 Hector. 0.0250 Hector. 50 605 Nil Rs. 5000	0.1636 Hector. 0.0250 Hector. 50 About 60-70 Nil Rs. 5000	-
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	Plantation in periphery of the lease area	Plantation done in periphery of the lease area	-
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	0.0250 Nos. 0.1636 Hect.	0.0250 Nos. 0.1636 Hect.	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Core Zone with in limit - Ambient Air Quality, Surface water Quality, Ground water quality, Noise level, Noise vibration to be monitor and should be in limit.	Core Zone with in limit - Ambient Air Quality, Surface water Quality, Ground water quality, Noise level, Noise vibration are measured with in limit	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	Satisfactory.		

7.0 Mineral Conservation

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SN	Item	Proposals of (2021-22)	Actual work (2021-22)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	200332 Tonne	0 Tonne As per annual returns.	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanised and Manual breaking and Segregation	Manual breaking and Segregation	NIL
		Mechanised	Mechanised	
7c	Different grade of mineral sorted out at mines	NIL	NIL	NIL
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Found Satisfactory.		

8.0 Environment

SN	Item	Proposals of (2021-22)	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil	2517 Cu. Meter	Used for plantation in statutory barrier	Wherever available is utilised for the plantation work
8b	Concurrent use or storage of topsoil	2517 Cu. Meter	Concurrent use done with temporary storage.	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37(1))	NIL		NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling	Backfilling	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes, as per PMCP Plantation 50 Nos	Yes and per PMCP Plantation 50 Nos	NIL
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Total 50 saplings were proposed during the year 2021-22.	Not 100%	Survival rate of plantation is approx. 80%.
8g	Survival rate	100%	Approx. 80%	
8h	Water sprinkling on roads to control airborne dust	Yes	as per proposal by water tankers	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Found Satisfactory.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
9a	Status of submission of Online Monthly and Annual returns	M.R. Submitted till Feb-23 A.R. of 2021-22 submitted	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - No Violation pending. During inspection No violation found.

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