

INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Hadmatiya Bauxite Mines (25.14.12Ha)
1(b)	Name of Inspecting officer	Sh. G Ram, DCOM
1(c)	Date of Inspection, Type	06.3.2023, Star Rating
1(d)	Accompanying officer	Rajesh Songara, lessee rep.
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	ML Area: 25.14.12 ha Survey Nos.: 121
3	Mine code	07GUJ07123
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/756/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Kanaiya Industries, Songara Complex, Bus Stop, PO-Bhatia, Taluka-Kalyanpur, Dist-Devbhumi Dwarka, Gujarat-361315
6	Village	Hadmatiya
7	Taluka/Mandal	Kalyanpur
8	District	Dev Bhumi Dwarka
9	Pin code	361315
10	State	Gujarat
11	Post office	Kalyanpur
12	Nearest police station	Kalyanpur
13	Nearest Railway station	Bhatia
14	Date of Grant of Mining Lease	02.11.1979
15	Date of Execution	19.5.1980 (Expiry-18.5.2030 As per MMDR Act 2015)
16	Date of opening of Mine	NA
17	Date of first Renewal, if applicable and its period & expiry	NA
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Laxmanbhai V Songara, M/s Kanaiya Industries, Songara Complex, Bus Stop, PO-Bhatia, Taluka-Kalyanpur, Dist-Devbhumi Dwarka, Gujarat-361315
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Laxmanbhai V Songara, M/s Kanaiya Industries, Songara Complex, Bus Stop, PO-Bhatia, Taluka-Kalyanpur, Dist-Devbhumi Dwarka, Gujarat-361315
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Solanki Dineshbhai Arjanbhai
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Dabhi Nirav Meghajibhai, BE (Mining) WEF 02.10.2017
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Umangkumar Harendra bhai Oza, MSc(Geology) , WEF01.6.22
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 in the year 2001 Vide letter No 682 (23)/79/2000 MCCM(N) UDP Dated 28.3.2001
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-270/2020-21/MDRD(U)/GNR Dated 09.10.2020 for 2020-21 to 2024-25.
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining (Opencast, Underground)	Opencast Mining
29	Category (F/M, 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 (2021-22)	Actual work	Remarks
1a	Backlog of previous year	02 No of core bore, 10m depth as proposed in page no.12-13, earmarked in plan	02 No of trial pits done & observed in plan years	NIL
1b	Exploration over lease area for Geological axis 1 or 2.			
1c	Exploration Agency & Expenditure in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2			
1e	Balance reserves (Million Tonnes)	UNFC (111,121&122)–Reserves-1439300T & resources-372200T as per approved RMP dated 01.4.2022		
1f	General remarks of inspecting officer on geology, exploration etc.	Entire lease area is explored in G1\G2 level of exploration		

2.0 Development

SN	Item	Proposals (2021-22)	Actual work	Remarks
2a	Location of development w.r.t. lease area	proposed to work in section A-A' as earmarked, Plate-6B	Not done	Legging in ROM
2b	Separate benches in topsoil, overburden and mineral reject	Proposed	NIL	
2c	Stripping ratio or ore to OB ratio	1:0.0	NIL	
2d	Quantity of topsoil generation in m3	4960M3	NIL	
2e	Quantity of OB generation in m3	Not Proposed	NIL	
2f	General remarks of I/O on development of pit w.r.t. type of deposit	Lease area is developed by mine pits & different grade of bauxite deposit is existed		

3.0 Exploitation

SN	Item	Proposals (2021-22)	Actual work	Remarks
3a	Number of pits proposed for production	Pit No.1	Not done	Legging in ROM
3b	Quantity of ROM mineral production proposed	60016T	0T	
3c	Recovery of saleable/usable mineral from ROM production	95%(57015T)	NIL	
3d	Quantity of mineral reject generation	05%(3001T)	NIL	
3e	Grade of mineral reject generation and threshold value declared	Not 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 for segregating from ROM	Mechanised/Manual	Mechanised/manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	NIL	
3j	Provision of drilling & blasting in mineral benches	J/H Drilling & Blasting is not proposed	Not done	
3k	Provision of mining machineries in mineral benches	Excavator, Tipper & water tanker	Excavator, Tipper & water tanker	
3l	Whether height of benches in OB and mineral suitable for method of mining	1-3M bench, Regular	3M-4m Irregular	
3m	Total area covered under excavation/pits	2.95Ha area proposed in plan period,	Total-About 7.888Ha,sack-1.38	
3n	Ore to OB ratio for the pit/mine	1:0.1	NIL	
3o	Total area put in use under different heads at the end of year		Total- About 7.88Ha Mineral stack 1.38H	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19-60628T 2019-20-60560T 2020-21-60016T 2021-22-60016T 2022-23-60258T	2018-19-59270T 2019-20-49070T 2020-21-52545T 2021-22-0T 2022-23-16200T	Legging in ROM (Till Feb,23)
3q	General remarks of inspecting officer on method of mining etc.	Method of mining is mechanised opencast method with shovel/tipper combination.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2021-22)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	4960M3	NIL	Devoid of OB/waste
4b	Location of topsoil, OB & mineral reject dumps	Not proposed,	NIL	
4c	Number of dumps within lease area and outside lease area	Not Proposed	NIL	
4d	Location of dumps w.r.t. ultimate pit limit	No Proposal	NA	
4e	Number of active & alive dumps	Not Proposed	NA	
4f	Number of dead dumps	Not Proposed	NA	
4g	Number of dumps stabilised	Not Proposed	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	NA	
4j	Number of settling ponds	Not Proposed	NA	
4k	Specific comments of inspecting officer	Presently no OB/waste proposed & generated & production is lagging in plan period.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2021-22)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	60016T	0T	Lack of demand
5b	Area under backfilling of mined out area	No proposal	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	No proposal	NIL	
5d	Total area fully reclaimed & rehabilitated	No proposal	NIL	
5e	General remarks of I/O on backfilling reclamation etc	There are no OB/Waste generation. Hence no backfilling & reclamation proposed in present plan period.		

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	Proposed	PMCP Report-2021-22 Submitted on 08.8.22	
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	0.01Ha	0.01ha	
		20	30	
		NA	N.A	
		2000 Rs	5000 Rs.	
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 etc.	4960M3	NIL	
		NA	NIL	
		NA	NIL	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	NIL	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	Env. Monitoring is being carried out periodical.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Lessee has been done plantation in lease area and annual PMCP report is submitted.		

7.0 Mineral Conservation

SN	Item	Proposals (2021-22)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	60016T	0T	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual/Mechanised	Manual/Mechanised	
7c	Different grade of mineral sorted out at mines	Manual	NIL	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM is utilised by proper sizing & sorting, blending as per buyers requirement.		

8.0 Environment

SN	Item	Proposals (2021-22)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	4960M3	NIL	
8b	Concurrent use or storage of topsoil	Not proposed	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines	Location proposed as earmarked in Plate-6	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Location proposed as earmarked in Plate-6	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Location proposed as earmarked in Plate-6	NIL	
8f	Baseline information on existence of plantation & add. plantation done	N.A	NIL	
8g	Survival rate	N.A	--	
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling on the haul road	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The aesthetic beauty of area in & around mines are degraded mine pit/land of irregular bench height & width		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
.	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date & A.R. 2021-22 submitted on 20.6.2023	Remarks
S.N	Item	Details GIVEN in A.R., Observation of I/Officer /Actual reported in Returns, (2021-22)	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	ME & Geologist is appointed & reported to this office	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details furnished in returns	
9d	Scrutiny of Annual return on afforestation	Details furnished in returns	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Details furnished in returns	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details furnished in returns	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Details furnished in returns	
9i	Scrutiny of Annual return on fixed assets	Details furnished in returns	
9k	Scrutiny of Annual return on mining machineries	Details furnished in returns	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Presently mine was inspected for Star Rating inspection & violation done. Presently no significant violation observed & pointed out. Validation of Star Rating (3 final star) done.