

INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Ran Bauxite Mines (1.6896Ha)
1(b)	Name of Inspecting officer	Sh. G Ram, DCOM
1(c)	Date of Inspection, Type	10/4/2022 FN, MCDR
1(d)	Accompanying officer	Rajesh Songara
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	ML Area:1.6896 ha Survey Nos.: 238
3	Mine code	07GUJ07136
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, Sonagara Complex, Bus Stand, P. 0 . Bhatia, Taluka - Kalyanpur, Distt. - Devbhumi Dwarka (Guj.), 02891-233449, kanaiyaindustries@rediffmail.com
6	Village	Ran
7	Taluka/Mandal	Kalyanpur
8	District	Dev Bhumi Dwarka
9	Pin code	361315
10	State	Gujarat
11	Post office	Mevasa
12	Nearest police station	Kalyanpur
13	Nearest Railway station	Bhatia
14	Date of Grant of Mining Lease	06.2.1997
15	Date of Execution	16.7.1997 (Expiry-15.7.2047 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	M/s Kanaiya Industries, Sonagara Complex, Bus Stand, P. 0 . Bhatia, Taluka - Kalyanpur, Distt. - Devbhumi Dwarka (Guj.), 02891-233449, kanaiyaindustries@rediffmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Laxman bhai Songara, M/s Kanaiya Industries, Sonagara Complex, Bus Stand, P. 0 . Bhatia, Taluka - Kalyanpur, Distt. - Devbhumi Dwarka (Guj.) kanaiyaindustries@rediffmail.com
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	NA-Violation under provision of rule 55(1) (3) of MCDR, 2017 pointed out for rectification.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule & carrying out their duties	NA-Violation under provision of rule 55(1) (3) of MCDR, 2017 pointed out for rectification.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)MS 450/2008 MCCM (N)UDP, 15.12.2008, 682(23)MS 450/2008 MCCM (N)UDP, 01.3.2014
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-105/2018-GNR, Dated 27.2.2018 for 2018-19 to 2021-22
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	Not proposed	NIL	
1b	Exploration over lease area for Geological axis 1 or 2.	It was proposed to put 01 trial pit in 2021-22	Lessee has been carried out 02 trial pits in 2021-22	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not Proposed	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	----	--	
1e	Balance reserves (Million Tonnes) as on 01.04.2021	UNFC (111,121&122) – 0.066 Million Tonne as per approved RMP dated 27.2.18,		
1f	General remarks of inspecting officer on geology, exploration etc.	The remaining lease area proposed for exploration in subsequent scheme period.		

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 as earmarked, Plate-6D	Partly done	Lack of demand
2b	Separate benches in topsoil, overburden and mineral	12650T	NIL	
2c	Stripping ratio or ore to OB ratio	1:0.0	NIL	
2d	Quantity of topsoil generation in m3	1000M3	NIL	
2e	Quantity of OB generation in m3	Not Proposed	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Lease area is developed by mine pits & type of bauxite deposit is existed with intermittent intercalated waste.		

3.0 Exploitation

SN	Item	Proposals (2021-22)	Actual work	Remarks
3a	Number of pits proposed for prod.	Single pit as proposed	Partly done	
3b	Quantity of ROM mineral production proposed	12650T	0T	Low market demand
3c	Recovery of salable/usable mineral from ROM production	95%	NIL	
3d	Quantity of mineral reject generation	05%	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	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, Compressor & water tanker	Excavator, Tipper, water tanker	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP	1-3M bench, Regular	3M-4m Irregular	
3m	Total area covered under excavation /pits	0.1Ha area proposed in plan period,	Total-About 1.26Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	1:0.0	
3o	Total area put in use under different heads at the end of year	0.1Ha area proposed in plan period,	About 1.26Ha, stacks-0.05H	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2017-18- 15125T Yr-2018-19- 11155T Yr-2019-20- 10580T Yr-2020-21-9660T Yr-2021-22-12650T	Yr-2017-18-5020T Yr-2018-19-6230T Yr-2019-20-6610T Yr-2020-21-0T Yr-2021-22-0T	Lack of demand
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	1000M3, Topsoil	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. UPL	No Proposal	NIL	
4e	Number of active & alive dumps	Not Proposed	NIL	
4f	Number of dead dumps	Not Proposed	NIL	
4g	Number of dumps stabilised	Not Proposed	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	NIL	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	NIL	
4j	Number of settling ponds	Not Proposed	NIL	
4k	Specific comments of inspecting officer	Presently no OB/waste proposed & generated & production is lagging in & not working due to lack of demand.		

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	12650T	NIL	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 (Rule 32)	No proposal	NIL	
5d	Total area fully reclaimed & rehabilitated	No proposal	NIL	
5e	General remarks of inspecting officer 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	Not submitted	V/L Pointed out under rule 26(2)
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 yr	0.025Ha	0.025ha	
		50	20	
		NA	N.A	
		5000 Rs	N.A	
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.	NA	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	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Lessee has been done plantation in lease area but annual PMCP report is not submitted & violation pointed out.		

7.0 Mineral Conservation

SN	Item	Proposals (2021-22)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	12650T	NIL	
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. No beneficiation study is requires.		

8.0 Environment

SN	Item	Proposals (2021-22)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	1000T	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	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Location proposed as earmarked	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	Location proposed as earmarked	NIL	
8f	Baseline information on existence of plantation & additional plantation done	N.A	NIL	
8g	Survival rate	N.A	--	
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling carried out on the haul road	
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 mine pit/land of irregular bench height & width due to mining activities etc.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks	
	Status of submission of Online Monthly and Annual returns	M.R-March,22 (06.4.22) & A.R.2020-21 - 20.6.2021		
S.N	Item	Details GIVEN in A.R., Observation of I/Officer /Actual reported in Returns, (2020-21)	VL pointed out under rule 55 (1) (3)(i)	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer & Geologist is not appointed		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details furnished in returns		As per Given in AR
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 MCDR inspection & violation under provision of Rules 26(2), 28(1), 33 & 55(1)(3) of MCDR,2017 pointed out for rectification.