

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Ran Bauxite Mines (32.37Ha)
1(b)	Name of Inspecting officer	Sh. G Ram, Sr.ACOM
1(c)	Date of Inspection, Type	19/7/2021 FN, Star Rating
1(d)	Accompanying officer	AR Panda, Lessee rep.
2	Total Lease Area (Ha) Non-forest and forest land	ML Area: 5.27 ha Survey Nos.: 403
3	Mine code	07GUJ07113
4	IBM Registration Number under rule 45	IBM/280/2011
5	Name of the lessee, Address, phone, email and fax number	M/s. Saurashtra Cement Ltd, Near Railway Station Ranavav 36056, Dist.-Porbandar, Gujarat (India), Ph-02801-234232, Email:- scl-rmv@mehtagroup.com , Fax:-02801-234200
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	31/03/1978
15	Date of Execution	26/07/1978
16	Date of opening of Mine	23/08/1978 (Opening Date)
17	Date of first Renewal, period & expiry	NA
18	Date of second Renewal, period & expiry	Nil
19	Date of submission of renewal application if Operations continuing under deemed extension	Form J (Dt.26.06.1997) (Lease extension letter under MMDR-2015, Letter No.MCR-1577(S-149)1663-CHH,Dt.03-04-2018.
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. M.S. Gilotra (MD), 2 nd floor, N.K. Mehta Intl. House,178, Backbay Reclamation, Babubhai Chinai Road, Mumbai-400 020, Ph. 022-66365444 scl-rmv@mehtagroup.com Appointed-27/06/2016
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Narendra Singh, Near railway station, At & P.O Ranavav ,District- Porbandar -360560, Ph:-02801234200, Mail: scl-rmv@mehtagroup.com Appointment-21/06/2016
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Kachhot Jigneshbhai Hamirbhai,Near railway station, At & P.O Ranavav , ,District- Porbandar -360560 Gujarat, Ph :- 9979848704, Apointment-17/09/2018
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Kachhot Jigneshbhai Hamirbhai,Near railway station, At & P.O Ranavav , ,District- Porbandar -360560 Gujarat, Ph :- 9979848704, Apointment-17/09/2018
24	Whether Geologist/ME appointed in mines satisfy the rule 42 & carrying out their duties	Not appointed, VL pointed out.
25	Date of Approval of MP with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-101/2018-GNR,Dated 26/02/2018, period-2018-19 to 2022-23
26	Date of Approval of SOM with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-101/2018-GNR,Dated 26/02/2018, period-2018-19 to 2022-23
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining(Opencast, Underground)	Opencast Working
29	Category (F/M, Others or Manual)	Category –A
30	Captive/Non Captive	Captive

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

Exploration

SN	Item	Proposals (2020-21)	Actual work	Remarks
1a	Backlog of previous year	Not proposed	Not done	
1b	Exploration over lease area for Geo axis 1 or 2.			
1c	Exploration Agency & Exp. in lakh Rupees.			
1d	Balance area to be explored to bring G axis in 1/ 2	----		
1e	Balance reserves (Million Tonnes) as on 01.04.21	111 – 28,87,005 Tonnes, 121 + 122 - 2,49,767 Tonnes		
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 (2020-21)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit No.3	Pit No.3 Partly	Lagging
2b	Separate benches in topsoil, OB and mineral	Not proposed	NIL	
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	
2d	Quantity of topsoil generation in m3	Not proposed	NIL	

2e	Quantity of overburden 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 (2020-21)	Actual work	Remarks
3a	Number of pits proposed for production	Single pit	Single pit partly	
3b	Quantity of ROM mineral production proposed	14893T	13985T	
3c	Recovery of saleable/usable mineral from ROM	95%	100%	
3d	Quantity of mineral reject generation	331M3	NIL	
3e	Grade of mineral reject generation,THV declared	---	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	Not done	
3k	Provision of mining machineries in mineral benches	Excavator, Tipper, Compressor	Excavator, Tipper, Compressor	
3l	Whether height of benches in OB and mineral suitable for method of mining proposed.	1-3M bench, Regular	1-3M Irregular	
3m	Total area covered under excavation/pits	---	Total about 8.66Ha	
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	O/C=8.66, Waste=1.330,Infra=.095 Ha, Roads=1.73Ha, Mineral Storage = 0.045, Plantation = 3.69, Backfilled = 2.77, Reclaimed= 0.15		
3p	Production of ROM mineral during last five-year period, as applicable	2017-18- 38636T 2018-19- 14600T 2019-20- 14756T 2020-21- 14893T 2021-22- 14785T	2017-18-8640T 2018-19-12280T 2019-20-10090T 2020-21-13985T 2021-22-370T, Till	
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 (2020-21)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	Not proposed	NIL	
4b	Location of topsoil, OB & mineral reject dumps	Not proposed,	NIL	
4c	Number of dumps within 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	Not Proposed	NA	
4i	Length of Retaining wall or garland drain	Not Proposed	NA	
4j	Number of settling ponds	Not Proposed	NA	
4k	Specific comments of inspecting officer	Presently no OB/waste proposed & generated & lagging.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2020-21)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	NIL	
5b	Area under backfilling of mined out area	Not proposed	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	Not proposed	NIL	
5d	Total area fully reclaimed & rehabilitated	Not proposed	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 (2020-21)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly	Proposed	submitted	V/L Pointed out.
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	0.05Ha 100 NA 6200 Rs	0.05ha 100 N.A 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 NA NA	NIL NIL 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	Third party	
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 (2020-21)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	14893T	13985T	
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 buyer's requirement. No beneficiation study is requires.		

8.0 Environment

SN	Item	Proposals (2020-21)	Actual work	Remarks
8a	Separate removal and utilization of topsoil			
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	Location proposed as earmarked in Plate-6	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	
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		

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 –Before 10 th of every month & A.R. submitted up to till date	
S.N	Item	Details GIVEN in A.R., Observation of I/Officer /Actual reported in Returns.	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Violation under provision of rule 45(7) of scrutiny of annual return pointed out to lessee for rectification & referred back to MMS for rectification.
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 under Star Rating of inspection & violation under provision of Rules 11(1),26(2),33 & 45(7),55(1)(3) of MCDR,2017 pointed out for rectification & under process. Validation of Star Rating has been done.