

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Visavada Bauxite Mine, (Sy. No.731/P)
2A	Inspecting officer with date, Type	G.Ram, DCOM, 08/4/2022 AN, RMP
2B	Accompanying official	Dhrumil Makechha
3	Total Lease Area (Ha) with Non-forest/ forest	Total area-20.23Ha, Non-Forest land
4	Mine code & IBM Reg. No under rule 45	07GUJ08009 & IBM/5181/2011
5	Name of the lessee, Address, phone, email and fax number	Shri Naresh Kumar Prabhudas Makhecha, Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist. - Porbandar, Gujarat- 360 577
6	Village	Visavada
7	Taluka/Mandal	Porbandar
8	District	Porbandar
9	Pin code	360575
10	State	Gujarat
11	Post office	Porbandar
12	Nearest police station	Porbandar
13	Nearest Railway station	Porbandar
14	Date of Grant of Mining Lease	30.6.1981
15	Date of Execution	14.6.1982, 20 Year, Expiry-13.6.2032 as per MMDR Act,2015
16	Date of opening of Mine	NA
17	Date of first Renewal, if period & expiry	12.6.2001,
18	Date of second Renewal, period & expiry	NA
19	Date of submission of renewal application / deemed extension if any	NA
20	Name of the Nominated Owner with Address, phone, email, fax and date of appointment	Shri Naresh Kumar Prabhudas Makhecha, Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist. - Porbandar, Gujarat- 360 577
21	Name of the Mine Agent, Address, phone, email, fax & date of appointment	Shri Naresh Kumar Prabhudas Makhecha, Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist. - Porbandar, Gujarat- 360 577
22	Name of the Mines Manager, Address, phone, email, fax and date of appointment in mines	G.Chandarana C/o Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist. - Porbandar, Gujarat- 360 577
23	Name of the ME, Qua. & Exp., Address, phone , email, fax, date of appointment	G.Chandarana C/o Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Dist. - Porbandar, Gujarat- 360 577 (Part time)
24	Whether Geologist & ME appointed in mines satisfy the rule	MS. Nirupama Jain, (MSc. Geology) C/o Prop-M/s Supreme Ind., 299 GIDC Industrial Area, Porbandar, Gujarat-360 577 (Part time)
25	Date of Approval of MP/MMP with five-year period specific condition in approval, if any.	Mining Plan was approved vide letter No- 682(23)(631)/08/MCC M/(N)/UDP Dated-22.4.2009
26	Date of Approval of SOM with five-year period, specific condition in approval, if any.	682(23)(631)/2008/MCCM/(N)/UDP Dated-22.4.2009, 2011-12 to 2015-16. 684(4)(1)/MP-40/MDRD/(U)/GNR Dated -13.7.17, 2017-18 to 2021-22
27	Mineral(s) granted in lease	Bauxite
28	Method of Mining (O/C, U/G)	Opencast
29	Category (FM, Others or Manual)	Mechanized
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			
1b	Exploration over lease area for Geo axis 1 or 2.	Not proposed for the year 2021-22	Presently lessee has made 03 No of trial pits (3mx3mx3m)	
1c	Exploration Agency & Exp. in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2	Lessee himself , Balance area is proposed for further exploration		
1e	Balance reserves as on 01.4.2022 (111, 121 & 122)	Reserves-Proved (111), Probable(121&122) Total-793220T as per approved RMP dated 12.7.17		
1f	General remarks of inspecting officer	Lessee itself has explored the lease area by way of trial pits. & developing open mine pits in past.		

Development

SN	Item	Proposals 2021-22	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit No.1 as earmarked in plate No.6E	Not done	Discontinued Notice is submitted wef 01.9.2021
2b	Separate benches in topsoil, OB and mineral	Proposed	NIL	
2c	Stripping ratio or ore to OB ratio	1:0.1	NIL	
2d	Quantity of topsoil generation in m ³	13600M ³	NIL	
2e	Quantity of OB generation in m ³	1000T(Intercalated)	NIL	
2f	General remarks of I/O on development of pit w.r.t. type of deposit etc.	ML area is developed by mine pits with respect to grade of bauxite deposit are existed.		

Exploitation

SN	Item	Proposals 2021-22	Actual work	Remarks
3a	Number of pits proposed for production.	Pit No.1	Not done, (Pit water logged)	Discontinued Notice is submitted wef 01.9.2021
3b	Quantity of ROM mineral production	100000T	0T	
3c	Recovery of saleable/usable mineral from ROM production	99,000T	0T	
3d	Quantity of mineral reject generation	1000T	NIL	
3e	Grade of mineral reject generation & THV	>THV & <cut-off grade	NIL	
3f	Quantity of sub-grade generation	Not proposed	NIL	
3g	Grade of sub-grade mineral generation	Not Proposed	NIL	
3h	Manual / Mech. method adopted for ROM	Manual / mechanised	NIL	
3i	Any analysis or beneficiation study proposed & carried out	Not Proposed	NIL	-
3j	Provision of drilling & blasting in benches	Not proposed	NIL	-
3k	Provision of mining machineries in mineral benches	Excavator/JCB-01, Tippers ,water pump	NIL	
3l	Whether height of benches in OB & mineral suitable for method of mining	regular bench height	Irregular bench height	
3m	Total area covered under excavation /pits	---	About Pit-5.5ha	
3n	Ore to OB ratio for the pit/mine	1:0.05	NIL	
3o	Total area put in use under different heads at the year end	Pit- 5.5ha, Infrastructure & Road-0.3 ha (Total-06Pits)		
3p	Production of ROM mineral during last five-year period, as applicable	2018-19= 100000T 2019-20= 100000T 2020-21= 100000T 2021-22= 100000T	2018-19= 85,100T 2019-20=81,526T 2020-21=35320T 2021-22=0T	Discontinued Notice is submitted wef 01.9.2021
3q	General remarks of inspecting officer on method of mining etc.	Mech. Opencast method of mining with JCB/Excavator with tipper combination. During present inspection mine pit was water logged.		

Solid Waste Management-Dumping

SN	Item	Proposals 2021-22	Actual work	Remarks
4a	Separate dumping of topsoil, OB/ reject	Proposed	NIL	Discontinued Notice is submitted wef 01.9.2021
4b	Location of topsoil, OB & reject dumps	Proposed	NIL	
4c	Number of dumps within/outside lease area	None	NIL	
4d	Location of dumps w.r.t. UPL	Not applicable	NIL	
4e	Number of active & alive dumps	No proposal	NIL	
4f	Number of dead dumps	Nil	NIL	
4g	Number of dumps stabilised	Not applicable	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	-	NIL	
4i	Length of Retaining wall or garland drain all along dump	Not applicable	NIL	
4j	Number of settling ponds	Not proposed	NIL	
4k	Specific comments of inspecting officer	During inspection mine was not working & reported discontinued.		

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	99,000T	0T	Discontinued Notice is submitted wef 01.9.2021
5b	Area under backfilling of mined out area	Not Proposed	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	13600M3	NIL	
5d	Total area fully reclaimed & rehabilitated	Nil	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	The waste generated was utilised for backfilling in part of lease area mineral exhausted.		

Progressive Mine Closure Plan

SN	Item	Proposals 2021-22	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly.	Proposed	Annual PMCP Report (2020-21) is submitted	NIL
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	0.01Ha 20 No of Saplings 100 Nos. 2000Rs.	0.01Ha 20 No of Saplings 100 Nos. 6000Rs.	
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			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated iii) Method of rehabilitation	20 Nos. Saplings	20 Nos. Saplings -- --	
6e	Compliance of Environmental monitoring (core zone/buffer zone)	Periodically monitoring	Periodically monitoring done	
6f	General remarks of I/O on PMCP compliance & progressive Mine closure.	Annual PMCP Report (2020-21) is submitted to this office.		

7.0 Mineral Conservation

SN	Item	Proposals 2021-22	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	99,000T	0T	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual & Mech.	NIL	
7c	Different grade of mineral sorted out	Proposed	NIL	
7d	Any beneficiation process at mines	Not required	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Lessee is utilizing entire ROM by proper stacking, sorting & sizing as per captive plant requirement.		

8.0 Environment

SN	Item	Proposals 2021-22	Actual work	Remarks
8a	Separate removal utilization of topsoil	Proposed	NIL	
8b	Concurrent use or storage of topsoil	NA	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines.	NA	NIL	
8d	Use of OB, waste rock, rejects fines dumps for restoring the land to its original use	NA	NIL	
8e	Phased restoration, reclamation & rehabilitation of lands affected by mining operations (Pits, dumps etc.)	No proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done	Not proposed	NIL	
8g	Survival rate	---	About 50%	
8h	Water sprinkling on roads control airborne dust	proposed	Regular done.	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Aesthetic beauty of area is degraded mine pits & surrounding area agriculture/local shrubs/bushes are observed.
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9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	Monthly return is submitting regularly, A.R.submitted for 2021-22 is submitted online on 14/6/2022.		Presently mine is not working.
S.N	Item	Details GIVEN in A.R.	Observation of I/O	Remarks
9b	Scrutiny of Annual return for information on ME, MM & Geologist	ME-1 Geologist –1 & Manager -1	Mining Engineer & Geologist appointed part time in both adjoining leases.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details furnished in Return	As per given in AR	Discontinued Notice is submitted wef 01.9.2021 to till date.
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -
Presently mine was inspected for RMP & under process. During inspection, mine was not working & lessee has submitted discontinued notice WEF 01.9.2021. Star rating validation (3Star) done. Presently no significant violation observed & pointed out.