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**MCDR INSPECTION REPORT**

**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Kennedi Lol [505/p]
1(b)	Name of Inspecting officer	Naman Ekka, SMG
1(c)	Date of Inspection	20/06/2022
1(d)	Type of Inspection	RMP
1(e)	Accompanying officer	Sh. K.S. Nagori, Q.P
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	3.44.00 Hect
3	Mine code	07GUJ07012
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/248/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Saurashtra Calcine Bauxite & Allied Ind. 2 KM Bhatia Harsad Road, At / P.O. – Bhatia, Ta – Kalyanpur, Dist. Devbhumi Dwarka – 361315, Ph No.- 02891-233199
6	Village	Kennedi
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pin code	361315
10	State	Gujarat
11	Post office	Bhatia
12	Nearest police station	Bhatia
13	Nearest Railway station	Bhatia
14	Date of Grant of Mining Lease	17/05/1979
15	Date of Execution	04/07/1979
16	Date of opening of Mine	NA
17	Date of first Renewal, if applicable and its period & expiry	28/06/1999
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	Lease Extension Order, Valid Up to 2030
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Dwarkadas Raichura 2 KM Bhatia Harsad Road, At / P.O. – Bhatia, Ta – Kalyanpur, Dist. Devbhumi Dwarka – 361315, Ph No.- 02891-233199
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	ShariI Gulabbhai Pabari 2 KM Bhatia Harsad Road, At / P.O. – Bhatia, Ta – Kalyanpur, Dist. Devbhumi Dwarka – 361315, Ph No.- 02891-233199
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Nil
23	Name of the Mining Engineer, Qualification and total	Shri Naineshkumar Vishubhai, BE Mining , 6 Year ,

	experience with Address, phone, email, fax number and date of appointment in mine	2 KM Bhatia Harsad Road, At / P.O. - Bhatia, Ta - Kalyanpur, Dist. Devbhumi Dwarka - 361315, Ph No.- 02891-233199
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Biren Chauhan (Geologist), Shri Naineshkumar Vishubhai, BE Mining (Mining Engineer) 2 KM Bhatia Harsad Road, At / P.O. - Bhatia, Ta - Kalyanpur, Dist. Devbhumi Dwarka - 361315, Ph No.- 02891-233199
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	02.12.2016
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	2017 -18 to 2021-22
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
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	2021-22 : Nil	2021-22 : 3 (Trial Pit)	Area is Fully Explored
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Area Explored in G1 Axis	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	N/A	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.04.2022	90841 Tonnes	90841 tonnes	
1f	General remarks of inspecting officer on geology, exploration etc.	Area is sufficiently explored .		

### 2.0 Development

SN	Item	Proposals - 2021-22	Actual work	Remarks
2a	Location of development w.r.t. lease area	south part of the lease area block 1	Nil	Lack of demand
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	1	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.33	Nil	
2d	Quantity of topsoil generation in m <sup>3</sup>	2021-22: 2900 Cum	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine is not in operation due to lack of market demand.		

### 3.0 Exploitation

SN	Item	Proposals - 2021-22	Actual work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	2021-22 : 21750 Tonne	2021-22 : 430 Tonne	
3c	Recovery of salable/usable mineral from ROM production	NO Proposal	Nil	
3d	Quantity of mineral reject generation	NO Proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	-	-	
3f	Quantity of sub-grade mineral generation	-	-	
3g	Grade of sub-grade mineral generation	-	-	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	-	
3j	Provision of drilling & blasting in mineral benches	-	-	
3k	Provision of mining machineries in mineral benches	Yes	Nil	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Nil
3m	Total area covered under excavation/pits	2790 M2	Nil
3n	Ore to OB ratio for the pit/mine during the year	1:0.33	Nil
3o	Total area put in use under different heads at the end of year	0.160	0.160
3p	Production of ROM mineral during last five-year period, as applicable	2017-18 : 20925 Tonne	2017-18 : 6130 Tonne
		2018-19 : 20250 Tonne	2018-19 : 0 Tonne
		2019-20 : 21000 Tonne	2019-20 : 0 Tonne
		2020-21 : 20850 Tonne	2020-21 : 0 Tonne
		2021-22 : 21750 Tonne	2021-22 : 430 Tonne
3q	General remarks of inspecting officer on method of mining etc.		

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals - 2021-22	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	Nil	
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	
4c	Number of dumps within lease area and outside lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	
4e	Number of active & alive dumps	Nil	Nil	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	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	Mine is not in operation due to lack of market 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	Partial	Partial	
5b	Area under backfilling of mined out area	-	-	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	-		

### 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 - Rule 23E(2). Details should be given in the format as given in Annexure-20.	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	0.0100 20 90 2000	0.0100 20 40 2000	
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	- Nil Nil 2780 100M	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	Ambient Air Quality	Maintain Core Zone And Buffer	

	(core zone & buffer zone)	Water Quality Noise Quality	Zone
6f	General remarks of inspecting officer on PMCP compliance & progressive	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	Grade Wise Sorting within Lease Area	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sorted out at mines	Usually this Bauxite is hand Sorted within the quarry for different grade, Such as a abrasive grade, Refectory grade, cement grade	Usually this Bauxite is hand Sorted within the quarry for different grade, Such as a abrasive grade, Refectory grade, cement grade	
7d	Any beneficiation process at mines	The insitu Bauxite (ROM) mined is Mixture of ore and other waste Materials. Usually this Bauxite is hand Sorted within the quarry for different grade, Such as a abrasive grade, Refectory grade, cement grade. Apart from this hand sorting, no other methods are adopted.	The insitu Bauxite (ROM) mined is Mixture of ore and other waste Materials. Usually this Bauxite is hand Sorted within the quarry for different grade, Such as a abrasive grade, Refectory grade, cement grade. Apart from this hand sorting, no other methods are adopted.	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mine is not in operation due to lack of market demand.		

**8.0 Environment**

SN	Item	Proposals - 2021-22	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	
8b	Concurrent use or storage of topsoil	To be use plantation	Nil	Production is nil due to lack of demand

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling will be done in the mined out Area.	Backfilling will be done in the mined out Area.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	In the approved mining scheme it was proposed that the mined out land will be use as water, Reservoir	In the approved mining scheme it was proposed that the mined out land will be use as water, Reservoir
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	20 Sampling	0.001 Hact
8g	Survival rate		10 %
8h	Water sprinkling on roads to control airborne dust	It is proposed to sprinkling water on haul road	Water Sprinkling on haul road regularly.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The aesthetic beauty around lease area is good.	

9.0 Compliance of Rule 45

S. N.	Item	Comments	Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted upto till date - May 2022 A.R. submitted upto till date- 2020-2021	

S. N.	Item	Details GIVEN in A.R.2020-21	OBSERVATION OF / OFFICER	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Found in order.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Found in order.	
9d	Scrutiny of Annual return on afforestation	Yes	Found in order.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Yes	Found in order.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	Found in order.	
9g	Scrutiny of Annual	Yes	Found in order.	

	return on sale value, Ex. Mine price & production cost		
9i	Scrutiny of Annual return on fixed assets	Yes	Found in order.
9k	Scrutiny of Annual return on mining machineries	Yes	Found in order.

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

During inspection no significant violations found.

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22/6/22

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