

**MCDR INSPECTION INFORMATION SHEET**

**1.0 GENERAL**

<b>S. N.</b>	<b>Particulars</b>	<b>Details</b>
1(a)	Name of the Mine	<b>Satapara Bauxite Mine (Auction Block)</b>
1(b)	Name of Inspecting Officer & Designation	<b>Pushpendra Gaur , RCOM, Indian Bureau of Mines, Gandhinagar</b>
1(c)	Accompanying Mines Representatives	<b>Shri Dhananjay Bhai Bhadarka (Owner representative)</b>
1(d)	Type of Inspection	MCDR Inspection
1(e)	Date of Inspection	03.01.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-Forest: 5.5380 Ha., Forest: 00 Ha. Total: 25:00 Ha.
3	Mine code	07GUJ674001
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/44556/2023
5	Name of the lessee, Address, phone, email and fax number	<b>Shri Karan Palabhai Gojiya,</b> Krushna Kunj, Kailash Nagar, Street No. 5, Near Haria College, Dangarvada, Jamnagar, Gujarat 361004, 9909032893 Email: - kminerals@gmail.com,
6	Village	Satapara
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pin code	361315
10	State	Gujarat
11	Post office	Satapara
12	Nearest police station	Satapara
13	Nearest Railway station	Satapara
14	Date of Grant of Mining Lease	23.03.2023
15	Date of Execution	23.03.2023
16	Date of opening of Mine	27.03.2023
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	<b>NA</b>
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	<b>Shri Dhananjay Bhai Bhadarka</b>
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	-
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	<b>Shri Dhasrath Bhai (Mining Engineer)</b>
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes Shri Karan Patel
25	Date of Approval of Mining Plan/Modified Mining Plan/ Review of Mine Plan with five-year period and specific condition in approval letter, if any.	<i>Date of Approval of Mining Plan :- 24.12.2021</i> <i>Vide letter No. 684(4)(1)/MP-367/2021-22</i> <i>Period: - 2023-24 to 2027-28</i>
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA

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)	Other than fully mechanised
30	Captive/Non Captive	Non-Captive

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

### **Exploration**

SN	Item	Proposals (Year 1)	Actual work (Year 1)	Remarks
1a	Backlog of previous year	Not Applicable	Not Applicable	Although the mines has been operational since 2 months only and the inspection was carried out in January 2024, still Violation has been pointed out
1b	Exploration over lease area for Geological axis 1 or 2.	2	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	-	-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	- NIL-	-NIL-	
1e	Balance reserves as on 01.04.2023	9,84,141.00		
1f	General remarks of inspecting officer on geology, exploration etc.			

### **2.0 Development-**

SN	Item	Proposals (Year 1)	Actual work (Year 1)	Remarks
2a (i)	Location of development w.r.t. lease area	N2427255 to 2427164 N2427247 to 2427089 E533163 to 533004 E533138	N21 56 56.4 E69 19 11.5	
2b	Separate benches in topsoil, over-burden and mineral (Rule 15)	Yes	Observed	
2c	Stripping ratio or ore to OB ratio	1:2.5 to 1:0.11	Observed	
2d	Quantity of topsoil generation in m3	9040 cubic meter	Commencement of work was there for the FY 22-23 for only 5 days	
2e	Quantity of overburden generation in m3	Nil	NA	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The mine is through auction block and was opened on 27.03.2023, thus violation not detected, as only 5 days the mine has worked for the FY 22-23 which is Year 1 as per the mining plan. However the area of 0.5 ha approx found under the excavation head, besides the area put to use for the stacks near the weigh bridge. Top soil was also found stored for the purpose of plantation as communicated by the representative of the lease holder. At the time of inspection the excavation was going on from the pit using Volvo 380 make excavator and 4 dumpers. 1 excavator of 0.9 cubic metre TATA EX 200 LC was also found in operation at the mineral stack yard. 1 tractor trolley mounted water tanker and a JCB for road preparation was also found at their workshop yard. The pit size of approximately 70mx70m was found.		

### **3.0 Exploitation**

SN	Item	Proposals (Year 1)	Actual work (Year 1)	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	50000 tonnes	45 tonnes	
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	

3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	
3j	Provision of drilling & blasting in mineral benches	Nil	Nil	
3k	Provision of mining machineries in mineral benches	1. HYDRAUIC EXCAVATOR, BACK HOE-1.22 CUM - 01 2. Dumper 20 CUM - 02.	1. HYDRAUIC EXCAVATOR, BACK HOE-1.22 CUM - 01 2. Dumper 20 CUM - 02.	Volvo make excavator was operational at the time of inspection
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	Approximate 6m-bench height is maintained
3m	Total area covered under excavation/pits	2.4254	0.5 ha	The mine is through auction block and was opened on 27.03.2023, thus violation not detected. However the area of 0.5 ha approx found under the excavation head, besides the area put to use for the stacks near the weigh bridge.
3n	Ore to OB ratio for the pit/mine during the year	1:1.37	-	The mine is through auction block and was opened on 27.03.2023, thus violation not detected.
3o	Total area put in use under different heads at the end of year	Pit- 2.4254 ha.(including-water reservoir) Area under mining-1.2954 ha, Road-0.0431, Topsoil stacking -0.1531 Ha, Overburden-0.9338ha	-	The mine is through auction block and was opened on 27.03.2023, thus violation not detected. However the area of 0.5 ha approx found under the excavation head, besides the area put to use for the stacks near the weigh bridge.
3p	Production of ROM mineral during last five-year period, as applicable	50000 tonnes	45 tonnes	The mine is through auction block and was opened on 27.03.2023, thus violation not detected.
3q	General remarks of inspecting officer on method of mining etc.			

#### **4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (Year 1)	Actual work (Year 1)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	Nil	
4b	Location of topsoil, OB & mineral reject dumps	9040 cubic meter	-	The mine is through auction block and was opened on 27.03.2023, thus violation not detected.

4c	Number of dumps within lease area and outside lease area	2(within lease area)	2	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within the UPL	Within UPL	
4e	Number of active & alive dumps	2	2	
4f	Number of dead dumps	Nil	NA	
4g	Number of dumps stabilised	Nil	NA	
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	The mine is through auction block and was opened on 27.03.2023, thus violation not detected, as only 5 days the mine has worked for the FY 22-23 which is Year 1 as per the mining plan. However the area of 0.5 ha approx found under the excavation head, besides the area put to use for the stacks near the weigh bridge. Top soil was also found stored for the purpose of plantation as communicated by the representative of the lease holder. At the time of inspection the excavation was going on from the pit using Volvo 380 make excavator and 4 dumpers. 1 excavator of 0.9 cubic metre TATA EX 200 LC was also found in operation at the mineral stack yard. 1 tractor trolley mounted water tanker and a JCB for road preparation was also found at their workshop yard. The pit size of approximately 70mx70m was found.		

#### **5.0 Solid Waste Management-Backfilling**

SN	Item	Proposals (Year 1)	Actual work (Year 1)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	NA	NA	
5b	Area under backfilling of mined out area	Nil	Nil	
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	The mine is through auction block and was opened on 27.03.2023, thus violation not detected, as only 5 days the mine has worked for the FY 22-23 which is Year 1 as per the mining plan.		

#### **6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (Year 1)	Actual work (Year 1)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). Details should be given in the format as given in Annexure-20.	-	-	The mine is through auction block and was opened on 27.03.2023, thus violation not detected.
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	50	-	The mine is through auction block and was opened on 27.03.2023, thus violation not detected. However

				as the inspection was carried out during the FY 23-24 approximately 40 plantation was found planted.
	v) Any other specific method of rehabilitation	NA	NA	
	vi) Cost incurred on watch & care during the year	Rs. 5000/-		
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	0.05 ha		0.0067ha area backfilled during the year 2022-23.
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)	NA	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive	The mine is through auction block and was opened on 27.03.2023, thus violation not detected, as only 5 days the mine has worked for the FY 22-23 which is Year 1 as per the mining plan.		

### **7.0 Mineral Conservation**

SN	Item	Proposals (Year 1)	Actual work (Year 1)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	<i>ROM mineral despatch to the consumers as a merchant sale</i>	<i>As proposed</i>	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	NA	
7c	Different grade of mineral sorted out at mines	Not proposed	NA	
7d	Any beneficiation process at mines	Not proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM is direct saleable as per the grades to the respective consumers.		

### **8.0 Environment**

SN	Item	Proposals (Year 1)	Actual work (Year 1)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	Complied	
8b	Concurrent use or storage of topsoil	No proposal	NA	The mine is through auction block and was opened on 27.03.2023, thus violation not detected, as only 5 days the mine has worked for the FY 22-23 which is Year 1 as per the mining plan.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for	Nil	NA	Topsoil may be used for the

	restoring the land to its original use			plantation in safety barrier zone.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Total numbers of tree to be planted-50 (plan period)	Total Plantation done - Nil	The mine is through auction block and was opened on 27.03.2023, thus violation not detected. However as the inspection was carried out during the FY 23-24 approximately 40 plantation was found planted.
8g	Survival rate	80 %	-	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	1 tractor trolley mounted water tanker
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	.		

### **9.0 Compliance of Rule 45**

S.N	Item	COMMENTS	Remarks
9.1	Status of submission of Monthly and Annual returns	M.R. Submitted up to - December-2023 (03.01.2024) A.R. for 2022-23 submitted.	

S.N	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	None	Mine operated for only five days.	The mine is through auction block and was opened on 27.03.2023, thus violation not detected.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	0	Mine operated for only five days.	
9d	Scrutiny of Annual return on afforestation	0	Mine operated for only five days.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	0	Mine operated for only five days.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	0	Mine operated for only five days.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	1316.17	Mine operated for only five days.	
9i	Scrutiny of Annual return on fixed assets	Nil	Mine operated for only five days.	
9k	Scrutiny of Annual return on mining machineries	Tippers, excavators.	Mine operated for only five days.	

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

During the inspection on 03/01/2024 violations pointed out of MCDR Rule 11(1), 33 and 55(1)(c)

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