

## सुल्तानी MCDR INSPECTION REPORT

### 1.0 GENERAL

S.No	Particulars	Details
1(a)	Name of the Mine	सुल्तानी बॉक्साइट खान
1(b)	Name of Inspecting Officer & Designation	मनीष गुप्ता, सहायक खान नियंत्रक
1(c)	Accompanying Mines Representatives	श्री निशांत थानकी, प्रतिनिधि
1(d)	Type of Inspection	स्टार रेटिंग
1(e)	Date of Inspection	21.12.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	53.61 हे. (Non Forest)
3	Mine Code	07GUJ07111
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/6251/2011
5	Name of the lessee, Address, phone, email and fax number	श्री रमणिकलाल एम. थानकी जीवन ज्योत, महात्मा गांधी मार्ग, पोरबंदर- 360 575 (गुजरात) 7878000787, <a href="mailto:accounts@thankya.com">accounts@thankya.com</a>
6	Village	वीरपुर
7	Taluka/Mandal	कल्याणपुर
8	District	जामनगर
9	Pincode	360 575
10	State	गुजरात
11	Post office	मेवासा
12	Nearest police station	भाटिया
13	Nearest Railway station	भाटिया
14	Date of Grant of Mining Lease	02.12.1995
15	Date of Execution	05.02.1996
16	Date of opening of Mine	01.03.1996
17	Date of first Renewal, if applicable and its period & expiry	--
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	राज्य सरकार के पत्र संख्या MCR-1590(J-80)-4332-CHH दिनांक 20.09.2019 के अनुसार दि. 04.02.2046 तक वैध
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	श्री रमणिकलाल एम. थानकी जीवन ज्योत, महात्मा गांधी मार्ग, पोरबंदर- 360 575 (गुजरात) 7878000787, <a href="mailto:accounts@thankya.com">accounts@thankya.com</a>
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	श्री रमणिकलाल एम. थानकी जीवन ज्योत, महात्मा गांधी मार्ग, पोरबंदर- 360 575 (गुजरात) 7878000787, <a href="mailto:accounts@thankya.com">accounts@thankya.com</a>
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	--
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	हां।
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	MCDR-MPCP0CaFI/47/2022-GNR-IBM_RO_GNR MP-459, दिनांक 31.03.2023 2023-24 से 25-26
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in	--

	approval letter, if any.	
27	Mineral(s) granted in lease and proved for mining	बॉक्साइट
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	A
30	Captive/Non Captive	Non-Captive

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

#### 1.0 Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	50 Borehole	NIL	
1b	Exploration over lease area for Geological axis 1 or 2.	NIL	G1: 16.20 हे. G2: 5.8 हे. G3: NIL	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	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.	298021 टन	547920 टन	उत्पादन कम हुआ है।
1f	General remarks of inspecting officer on geology, exploration etc.	वर्ष 2023-24 के लिए प्रस्तावित Borehole नहीं लगाने के कारण नियम 11(1) का उल्लंघन दिया गया है। खान पर खनन कार्य अस्थाई रूप से बंद किए गए हैं।		

#### 2.0 Development

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit-3	Pit-3	निरीक्षण के समय N 22° 15' 14.4" E 69° 19' 11.16" के समीप खनन कार्य पाया गया।
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Yes	NIL	खनन कार्य अस्थाई रूप से बंद हैं।
2c	Stripping ratio or ore to OB ratio	1:6	NIL	
2d	Quantity of topsoil generation in m3	9269 मी <sup>3</sup>	NIL	
2e	Quantity of overburden generation in m3	18538 मी <sup>3</sup>	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	खनन कार्य अस्थाई रूप से बंद किया गए हैं। वर्ष के दौरान Top soil, OB उत्पन्न नहीं हुए हैं। पट्टा क्षेत्र में 11 Pit विकसित की गयी है।		

#### 3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	249999.2 टन	100 टन	
3c	Recovery of saleable/usable mineral from ROM production	237499.24 टन	100 टन	
3d	Quantity of mineral reject generation	12499.96 टन	NIL	
3e	Grade of mineral reject generation and threshold value declared	Al <sub>2</sub> O <sub>3</sub> <40%	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	NIL	NIL	

	proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches	NIL	NIL	
3k	Provision of mining machineries in mineral benches	Yes Excavator, dumper	Yes Excavator, dumper	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6.0 मी.	6.0 मी.	Bench खनिज में बनाई गयी है।
3m	Total area covered under excavation/pits	22.80 हे.	9.564 हे.	
3n	Ore to OB ratio for the pit/mine during the year	1:6	NIL	
3o	Total area put in use under different heads at the end of year	Pit- 22.80 हे. Others- 1.76 हे.	Pit- 9.564 हे. Others- 0.18 हे.	
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 116210 टन 2020-21: 116214 टन 2021-22: 116214 टन 2022-23: 116214 टन 2023-24: 249999.2 टन	2019-20: 29036 टन 2020-21: शून्य 2021-22: 28400 टन 2022-23: शून्य 2023-24: 100 टन	
3q	General remarks of inspecting officer on method of mining etc.	खनन कार्य अस्थाई रूप से बंद हैं। उत्पादन प्रस्तावित सीमा के अंदर है।		

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	Yes	NIL	खनन कार्य अस्थाई रूप से बंद होने के कारण Top soil, OB, Mineral reject उत्पन्न नहीं हुए हैं।
4b	Location of topsoil, OB & mineral reject dumps	2460938N 532952E	NIL	निरीक्षण के समय N 22° 15' 8.76" E 69° 19' 11.10" के समीप Dump पाया गया।
4c	Number of dumps within lease area and outside lease area	05	05	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside ultimate pit limit	Outside ultimate pit limit	
4e	Number of active & alive dumps	05	NIL	वर्ष के दौरान OB उत्पन्न नहीं हुआ है।
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	खनन कार्य अस्थाई रूप से बंद हैं।		

#### 5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	NIL	NIL	
5b	Area under backfilling of mined out area	NIL	NIL	
5c	Concurrent use of topsoil for restoration	NIL	NIL	

	or rehabilitation of mined out area (Rule 36)			
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	खान पर Backfilling के प्रस्ताव नहीं हैं।		

### 6.0 Progressive Mine Closure Plan

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)	As per rule	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	NIL	NIL	
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	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	200 .2 हे. 536.00 मी. (फेंसिंग)	120* .2 हे. 536.00 मी. (फेंसिंग)	*नियम 11(1) का उल्लंघन दिया गया है।
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP प्रस्ताव के अनुसार कार्य किया गया है।		

### 7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	ROM	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NIL	NIL	
7c	Different grade of mineral sorted out at mines	NIL	NIL	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	खान पर कोई Beneficiation संबंधी issue नहीं है।		

### 8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
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8a	Separate removal and utilization of topsoil (Rule 36)	9269 मी <sup>3</sup>	NIL	
8b	Concurrent use or storage of topsoil	Concurrent	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Yes	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	200	170	नियम 11(1) का उल्लंघन दिया गया है।
8g	Survival rate	80%	42%	नियम 11(1) का उल्लंघन दिया गया है।
8h	Water sprinkling on roads to control airborne dust	NIL	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	खान एवं निकटवर्ती क्षेत्र में Aesthetic beauty ठीक है।		

### 9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	नवम्बर माह की मासिक विवरणी 09.12.2024 को जमा की गयी। वर्ष 2023-24 की वार्षिक विवरणी 18.06.2024 को जमा की गयी।	

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	--	--* श्री के.एस.नागौरी , भू वैज्ञानिक	* खनन कार्य अस्थाई रूप से बंद हैं।
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 9.564 हे. Others- 0.18 हे.	Pit- 9.564 हे. Others- 0.18 हे.	
9d	Scrutiny of Annual return on afforestation	170	170	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NIL	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	146338.691 टन	146338.691 टन	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NIL	NIL	
9i	Scrutiny of Annual return on fixed assets	NIL	NIL	
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	

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

पिछले निरीक्षण दिनांक 11.01.2023 में नियम 11(1), 11(4), 27, 33 तथा 55(1)3(i) का उल्लंघन पाये जाने पर दिनांक 23.01.2023 को उल्लंघन पत्र जारी किया गया था, दिनांक 09.04.2023, 20.02.2024 को इनकी अनुपालना हो गयी है। वर्तमान निरीक्षण स्टार रेटिंग मूल्यांकन के लिए किया गया। मूल्यांकन के पश्चात खान 3 स्टार रही है। वर्तमान निरीक्षण में नियम 11(1) तथा 28(1) का उल्लंघन पाये जाने पर दिनांक 08.01.2025 को उल्लंघन पत्र जारी किया गया है। निरीक्षण के समय खनन कार्य होता हुआ नहीं पाया गया।

(मनीष गुप्ता)

सहायक खान नियंत्रक  
भारतीय खान ब्यूरो  
गांधीनगर