

INSPECTION DATASHEET for the Year 2022-23**General**

S.N.	Particulars	Details
1	Name of the Mine	Naikin-1 Bauxite & Fireclay Mine
	Date of Inspection:	06.03.2024
	Name of Inspecting Officer	Shri Avishek Ranjan Goutam
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area-1.04 ha Forest Land-nil Non Forest Land-1.04 ha
3	Mine code	07MPR41004
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/987/2011
5	Last Inspection Details	11/06/2021
6	Mine official present during the inspection	Shri A.S.Chouhan
7	Name of the Lease, Address, Phone, email and fax number	Name of the Lease -Naikin-1 Bauxite Mine. Lessee: M/s Shrikrishnada Tikaram Address: Civil Line District Katni Madhya Pradesh-483501 Phone: +919826385572 Email: sktr09@yahoo.com
8	Village	Naikin
9	Taluka/Mandal	Rampur Naikin
10	District	Sidhi
11	Pin code	486776
12	State	Madhya Pradesh
13	Post Office	Naikin
14	Nearest Police Station	Rampur Naikin
15	Nearest Railway Station	Beohari
16	Date of Grant of Mining Lease	10.02.1977
17	Date of Execution	26.02.1977
18	Date of opening of Mine	26.02.1977
19	Date of First Renewal, if applicable and its period & expiry	26.02.1997 to 25.02.2017
20	Date of Second Renewal, if applicable and its period & expiry	26.02.2017 to 25.02.2027
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N.A.
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Ashwani Gautam Address: Astha Plaza II floor Shop no-11,12 Bargawan Katni-483501 Phone: +919826385572 Email: sktr09@yahoo.com Date of appointment -01/04/2009
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	A.S.Chouhan Address: Astha Plaza II floor Shop no-11,12 Bargawan Katni-483501

		Phone: +919755084024 Email: sktr09@yahoo.com Date of appointment- 01/04/2009
24	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	C.P.Nigam Address: Astha Plaza II floor Shop no-11,12 Bargawan Katni-483501 Phone: +919993819814 Email: sktr09@yahoo.com Date of appointment- Feb 2012
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Deependra Pandey Address: Astha Plaza II floor Shop no-11,12 Bargawan Katni-483501 Phone: +918357889202 Email: sktr09@yahoo.com Date of appointment- December 2021
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Vide IBM approval letter no. MP/SIDHI/BXT./M PLAN/R-11/95-96, dated 05-01-1996(Mining plan for renewal of ML)
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	1.Vide IBM approval letter no. MP/SIDHI/BXT./M-SCHEME-41/2000-01 Jabalpur dated 08-01-2002. (Scheme of Mining) 2. Vide IBM approval letter no. MP/SIDHI/BXT./M- SCHEME-03/08-09 Jabalpur dated 30-06-2008. (Scheme of Mining) 3. Vide IBM approval letter no. MP/SIDHI/BXT./M- SCHEME-66/11-12 Jabalpur dated 20-04-2012. (Scheme of Mining) 4. Vide approval letter MP/Sidhi/Bauxite/M.Plan/Mod-06/16-17 dated 31-08-2016. (Modification of AMP) 5. MP/Katni/Bauxite/RMP-17/2021-22 5674 dated 30/07/2021. (Review of Mining plan)
29	Mineral(s) granted in lease and approved for Mining	Bauxite & Fireclay
30	Method of Mining (Opencast, Underground)	Opencast,
31	Category (Fully Mechanized, Others or Manual)	Manual
32	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	4 Borehole under G1 upto depth of 80m	Nil	Violation pointed out
1b	Exploration over lease area for Geological axis 1 or 2.	Entire lease area to be explored in G1 scale	Lease area explored upto G2 level,	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Proposed	Not Done	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Entire lease area to be explored in G1 scale	Lease area explored upto G2 level,	
1e	Balance reserves as on 01.04.2023	46218 tonne	46218 tonne	EC was under process no mining activity took place.
1f	General remarks of Inspecting officer on geology, exploration etc.	Violation pointed out under rule 11(1).		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N 2691835 TO N2691880 E 539840 TO E539915	Nil	EC was under process no mining activity took place.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Not Proposed	Not Proposed	
2c	Stripping ratio or ore to OB ratio	1:0.10	Nil	
2d	Quantity of topsoil generation in m ³	NIL	NIL	
2e	Quantity of overburden generation in m ³	660 m ³ as Inter burden	NIL	EC was under process no mining activity took place.
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	EC was under process no mining activity took place.		

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for	1 pit	None	EC was under

	production			process no mining activity took place.	
3b	Quantity of ROM mineral production proposed (2022-23)	3300	Nil	EC was under process no mining activity took place.	
3c	Recovery of Salable/usable mineral from ROM production	3600	Nil	EC was under process no mining activity took place.	
3d	Quantity of mineral reject generation	Not Proposed	N.A.		
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	N.A.		
3f	Quantity of sub-grade mineral generation	Not Proposed	N.A.		
3g	Grade of sub-grade mineral generation	Not Proposed	N.A.		
3h	Manual/Mechanized method adopted for segregation from ROM	Manual	N.A.	EC was under process no mining activity took place.	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	N.A.		
3j	Provision of drilling & blasting in mineral benches	Not Proposed	N.A.		
3k	Provision of mining machineries in mineral benches				
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	2.5 mt in ROM	NIL	EC was under process no mining activity took place	
3m	Total area covered under excavation /pits	0.77	NIL	EC was under process no mining activity took place	
3n	Ore to OB ratio for the pit/mine during the year	1:0.05	None		
3o	Total area put in use under different heads at the end of year	0.88 Ha	0.88 ha		
3p	Production of ROM mineral during last five-years period, as Applicable	Year	Bauxite (t)	Bauxite (t)	EC was under process no mining activity took place
		2021-22	6095	0.00	
		2022-23	6072	0.00	
3q	General remarks of inspecting officer on method of mining etc	EC was under process no mining activity took place.			

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Not Proposed	N.A.	
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	N.A.	
4c	Number of Dumps within lease area and outside lease area	Not Proposed	N.A.	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	N.A.	
4e	Number of Active & Alive dumps	Not Proposed	N.A.	
4f	Number of deed dumps	Not Proposed	N.A.	
4g	Number of dumps established	Not Proposed	N.A.	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	N.A.	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	N.A.	
4j	Number of settling ponds	Not Proposed	N.A.	
4k	Specific commends of inspecting officer on waste dump management	EC was under process no mining activity took place.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	full extraction of mineral from mined out area before starting backfilling proposed.	full extraction of mineral from mined out area before starting backfilling adopted.	
5b	Area under backfilling of mined out area	0.1119 ha	0.00	EC was under process no mining activity took place
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not Proposed	N.A.	
5d	Total area fully reclaimed & rehabilitated	0.1119 ha	0.00	EC was under process no mining activity took place
5e	General remarks of inspecting officer on backfilling, reclamation etc	EC was under process no mining activity took place.		

Progressive Mine Closer Plan

S.N.	Item	Proposals	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	Proposed	Yes	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	0.1119	0.00	
	ii) Afforestation done (ha)	Not Proposed	N.A.	
	iii) No.of saplings planted during the year	70	50	
	iv) Cumulative no. of plants	70	50	
	v) Any other specific method of rehabilitation	Not Proposed	N.A.	
	vi) Cost incurred on watch & care during the year	Not Proposed	N.A.	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D) ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	149x7.5x2-5	0.00	EC was under process no mining activity took place
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	By Green belt 70 nos of plan	50 nos of plant	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Proposed	Done	

6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	No comments
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Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Manual sorting sizing	Nil	EC was under process no mining activity took place
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Nil	EC was under process no mining activity took place
7c	Different grade of mineral sort out at mine	Not Proposed	N.A.	
7d	Any beneficiation process at mines	Not Proposed	N.A.	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	EC was under process no mining activity took place.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not Proposed	N.A.	
8b	Concurrent use or storage of topsoil	Not Proposed	N.A.	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not Proposed	N.A.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	N.A.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	N.A.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	By Green belt 70 nos of plan	50 nos of plant	

8g	Survival rate	70	70	
8h	Water sprinkling on roads to control airborne dust	Proposed	Done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	EC was under process no mining activity took place.		

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of April - 2024 and AR of 2022-23 has been submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: Shri Ankit Pandey Geologist: Shri Omprakash Tiwari	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	EC was under process no mining activity took place.	
9d	Scrutiny of Annual return on Afforestation	Plantation done as proposed	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	EC was under process no mining activity took place.	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	EC was under process no mining activity took place.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	EC was under process no mining activity took place.	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* (₹ 200000)	
9k	Scrutiny of Annual return on mining Machineries	This is category B Mine hence not applicable	

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:- Details is given below:

Rule – 11(1) of MCDR 2017 dated 14/03/2024

Rule – 34A(3) of MCDR 2017 dated 14/03/2024

Date:

Name:

Abhishek Ranjan Gautam

Designation: Assistant Mining Engineer