

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/BHD/KYA-10/NGP

Mine code : 33MSH05020

- (i) Name of the Inspecting : **219**) **Rajesh M Khadse**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 11-Dec-21
- (v) Prev.inspection date : 17-Sep-21

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NAVARGAON CHOWA**
- (b) **Registration NO.** : **IBM/5319/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MAHARASHTRA
District : BHANDARA
Village : NAVARGAON
Taluka : BHANDARA
Post office : PAHELA
Pin Code :
FAX No. :
E-mail :
Phone : 522875 (M.D.), 526419, 53310
- (f) Police Station :
- (g) First opening date : 15-Apr-77
- (h) Weekly day of rest : SUN
2. Address for : 5, ABHYANKAR NAGAR,
correspondance P. B. NO. 351,
DISST. NAGPUR-440010 (M. S.)
3. (a) Lease Number : MSH0146
- (b) Lease area : 40.61
- (c) Period of lease : 40
- (d) Date of Expiry : 28-Jun-27
4. Mineral worked : KYANITE Main

5. Name and Address of the

Lessee : M/s Maharashtra State Mining Corporation
 5, Abhyankar Nagar Nagpur -
 10 NAGPUR MAHARASHTRA
 Phone:
 FAX :

Mining Engineer

Name : M.B. TUPEKAR, Full Time
 Qualification : DIPLOMA IN MINING & MINE SURVEYING + 2ND
 Appointment/ : 20-Jan-05
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	18-Nov-05
Plan/Scheme of Mining	:	Renewal under rule 24 MCR1960	18-Jan-13
	:	MP review under 17(1) MCR 2016	13-Oct-17

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	4 boreholes	Not done	Due to lack fund
1b	Exploration over lease area for geological axis 1 or 2	--	--	--
1c	Exploration Agencies and Expenditure in lakh rupees during the year	--	--	--
1d	Balance area to be explored to bring Geological axis in 1 or 2	--	--	--
1e	Balance reserve as on 01/04/20	--	--	--

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Towards hanging wall side towards western side	yes	
2c	Stripping ratio or ore to OB ratio	1:1;78	-	-
2d	Quantity of topsoil generation in m3	0	0	
2e	Quantity of overburden generation in m3	9176.0 cubic metre		
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	--	
3b	Quantity of ROM mineral production proposed	4996 per Annum	YES	
3c	Recovery of sailable/usable mineral from ROM production	7137.41 Cum	YES	
3d	Quantity of mineral reject generation	1784.34	YES	
3e	Grade of mineral rejects 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	--	--	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NO		
3j	Provision of drilling and blasting in mineral benches	--	--	
3k	Provision of mining machineries in mineral benches	Manual Only jack hammer32mm dia with drilling and blasting	Same as proposed	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes i.e.3m	Yes i.e.3m
3m	Total area covered under excavation/pits	--	--
3n	Ore to OB ratio for the pit/mine during the year.	YES	YES
3o	Total area put in use under different heads at the end of year	0	0
3p	Production of ROM mineral during the last five year period as applicable	40825.0	Nearby same as per proposal
3q	General remarks of inspecting officers on method of mining etc.		

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	yes	yes	
4b	Location of topsoil, OB and mineral reject dumps	Dump on the dumping site. At present there are eight no. of waste dumps in the lease area	Same as proposals	
4c	Number of dumps within lease area and outside of lease area	8 dumps	Same as proposals	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	4	SAME PROPOSED	
4e	Number of active and alive dumps.	4	SAME AS PROPOSED	
4f	Number of dead dumps.	4	SAME AS PROPOSED	
4g	Number of dumps established.	All are stabilized	--	--
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	--	--
4i	Length of Retaining wall or garland drain all along dumps	-	-	-

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	--	--	

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	YES	YES	
6b	Area available for rehabilitation (ha) .		25 n0,of sapling during the year	
6c	afforestation done (ha) .	NA		

6d	No. of saplings planted during the year	The lease area is 40.61 ha.out of which 0.5699 ha area has alreadybeenope nup for winning kyanite .during the ensuing review period , 0.2100ha has additional area will be brought under excavation.	Same as proposal
6e	Cumulative no .of plants	--	--

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	yes	yes	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual	manual	
7c	Different grade of mineral sorted out at mines.	yes	yes	
7d	Any beneficiation process at mines .	NO		

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No top soil	--
8b	Concurrent use or storage of topsoil	--	--
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	yes	yes
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	--	--
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Top soil which proposed crops exist in lease but it will not be disturbed .	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Area under plantation 1339 .79m2	
8g	Survival rate	-	
8h	Water sprinkling on roads to control airborne dust	YES	YES
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	--	--

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to 2021 A.R. submitted upto2021		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No scrutiny		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No scrutiny		
9d	Scrutiny of Annual return on afforestation	No scrutiny		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No scrutiny		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No scrutiny		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	No scrutiny		
9h	Scrutiny of Annual return on fixed assets	No scrutiny		
9k	Scrutiny of Annual return on mining machineries	No scrutiny		

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(Rajesh M Khadse)

Indian Bureau of Mines