

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/KTN/LST-51

Mine code : 38MPR18037

- (i) Name of the Inspecting : **C004**) **ROBERT SIMON C**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 11-FEB-21
- (v) Prev.inspection date : 29-NOV-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAMUWANI KALAN-II (8.584H)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : KATNI
Village : JAMUWANIKALAN
Taluka : VIJAYRAGHAVGARH
Post office : JAMUWANIKALAN
Pin Code :
FAX No. : NIL
E-mail : NIL
Phone : NIL
- (f) Police Station : KYMORE
- (g) First opening date : 01-JAN-78
- (h) Weekly day of rest : WED
2. Address for : M/S S.N.S.(MINERALS) LTD.
correspondance : P.O. MAIHAR,
DIST. SATNA (M.P.) 485 771
3. (a) Lease Number : MPR0266
(b) Lease area : 3.5
(c) Period of lease : 20
(d) Date of Expiry : 17-DEC-15
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : S.N.S.(MINERALS) LTD.
P.O. KACHANGAON, VIA
KYMORE, JUKEHI (C.RLY),
KATNI MADHYA PRADESH
Phone:07674-232042
FAX :07674-232042

Owner : S.N.S.(MINERALS) LTD.
P.O. KACHANGAON, VIA
KYMORE, JUKEHI (C.RLY),
KATNI MADHYA PRADESH
Phone: 07674-233648
FAX : N. A.

Mining Engineer

Name : BALRAM SINGH, Part Time
Qualification : B.Sc.(Mining), A.I.S.M
Appointment/ :
Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	21-MAR-95
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	03-NOV-08
	:	Mining Scheme rule 12 MCDR1988	25-APR-13
	:	Mining Scheme rule 12 MCDR1988	13-MAY-15
	:	Renewal under rule 24 MCR1960	14-MAY-15

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not proposed	NIL	
1b	Exploration over lease area for geological axis 1 or 2	Not proposed	NIL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	area already explored upto G2 level	
1e	Balance reserve as on 01/04/20	1.4732 Million Tonnes	1.667 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Mine was not in operational due to lack of pending statutory approval from state government.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	2667250 N to 2667090 N 472670 E to 472890 E	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Top soil : 01 (2.5 x 2.5 mtr) O/B : 01 (5 x 5 mtr) Mineral : 04 (6 x 6 mt)	Nil	Mine was not in operational due to lack of pending statutory approval from state government.

2c	Stripping ratio or ore to OB ratio	1 : 0.56	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
2d	Quantity of topsoil generation in m3	15150 m3	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
2e	Quantity of overburden generation in m3	28800 m3	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine was not in operational due to lack of pending statutory approval from state government.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
3b	Quantity of ROM mineral production proposed	193800	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
3c	Recovery of sailable/usable mineral from ROM production	80%	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
3d	Quantity of mineral reject generation	NA	NA	

3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	NA	NA	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
3j	Provision of drilling and blasting in mineral benches	Proposed	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
3k	Provision of mining machineries in mineral benches	Proposed	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
3m	Total area covered under excavation/pits	2.224 Ha	2.224 Ha	Mine was not in operational due to lack of pending statutory approval from state government.
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.56	Nil	Mine was not in operational due to lack of pending statutory approval from state government.

3p	Production of ROM mineral during the last five year period as applicable	2015-16 130600 2016-17 165227 2017-18 177540 2018-19 179900 2019-20 193800	2015-16 92500 2016-17 128800 2017-18 266040 2018-19 2000 2019-20 0.000	Mine was not in operational due to lack of pending statutory approval from state government.
3q	General remarks of inspecting officers on method of mining etc.			Mine was not in operational due to lack of pending statutory approval from state government.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dump of OB Soil and Mineral proposed	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
4b	Location of topsoil, OB and mineral reject dumps	OB dump in the north west of the lease area. Soil dump in the northern portion& OB/waste dump in the central portion of the lease area	as per proposal	
4c	Number of dumps within lease area and outside of lease area	02 within lease area	02 within lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within UPL(temporary dump)	within UPL(temporary dump)	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	

4h	Whether Retaining wall or garland drain all along dumps are there.	Yes	Retaining Wall (in mtr) : 50 x 1 x 1 Garland drain (in mtr) : 500 x 1 x 1	
4i	Length of Retaining wall or garland drain all along dumps	Retaining Wall (in mtr) : 50 x 1 x 1 Garland drain (in mtr) : 500 x 1 x 1	Retaining Wall (in mtr) : 50 x 1 x 1 Garland drain (in mtr) : 500 x 1 x 1	
4j	Number of settling ponds	01	01	
4k	Specific comments of inspecting officer on waste dump management			Mine was not in operational due to lack of pending statutory approval from state government.

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.	Full extraction proposed before backfilling	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
5b	Area under backfilling of mined out area	NA	NA	Mine was not in operational due to lack of pending statutory approval from state government.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Topping of backfilled area	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
5d	Total area fully reclaimed and rehabilitated	NA	NA	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	Mine was not in operational due to lack of pending statutory approval from state government.
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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	Not submitted	violation pointed out.
6b	Area available for rehabilitation (ha) .	NA	NA	
6c	afforestation done (ha).	NA	NA	
6d	No. of saplings planted during the year	NA	NA	
6e	Cumulative no .of plants	NA	NA	
6f	Any other method of rehabilitation	NA	NA	
6g	Cost incurred on watch and care during the year	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine was not in operational due to lack of pending statutory approval from state government.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grading, Sorting & Sizing proposed within ML.	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Yes	Nil	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines .	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine was not in operational due to lack of pending statutory approval from state government.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Separate removal and utilization proposed	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
8b	Concurrent use or storage of topsoil	proposed for plantation	Nil	Mine was not in operational due to lack of pending statutory approval from state government.

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes	Nil	Mine was not in operational due to lack of pending statutory approval from state government.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Yes	494 saplings planted	
8g	Survival rate	80%	80%	Mine was not in operational due to lack of pending statutory approval from state government.
8h	Water sprinkling on roads to control airborne dust	Yes	Nil	Mine was not in operational due to lack of pending statutory approval from state government.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Mine was not in operational due to lack of pending statutory approval from state government yet the aesthetic beauty in and around the mining area is good.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	given	MR submitted upto March 2021.AR submitted upto 2019-20	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	given	Manager- Shri Kumar Shyamal Kishore Mining Engineer-Shri Chandra Kant Pandey Geologist- Shri Manoj Kumar Tripathi	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	given	Already exploited & abandoned by opencast (O/C) mining 2.401 ha.	Mine was not in operational due to lack of pending statutory approval from state government.
9d	Scrutiny of Annual return on afforestation	given	(i)Number of trees planted during the year 494 (ii) Survival rate in percentage 85%	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	given	nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	given	Cement Grade Closing Stock 34449.378 MT.	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	given	NA	
9h	Scrutiny of Annual return on fixed assets	given	Value of Fixed Assets (in Rs) 26008792	
9k	Scrutiny of Annual return on mining machineries	given	AIR COMPRESSOR 175.000 CUM/MN 1 no Non Electrical ROCK DRILL (NONELEC.) 32.000 MM 2 nos Non Electrical	Mine was not in operational due to lack of pending statutory approval from state government.

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
MCDR17	Rule 26(2)	23-MAR-21			
MCDR17	Rule 33	23-MAR-21			

Date :

(ROBERT SIMON C)

Indian Bureau of Mines