

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/KTN/LST-80

Mine code : 38MPR18038

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Kumar Shyamal, Mr Tripathi
Official with
Designation
- (iv) Date of Inspection : 29-NOV-19
- (v) Prev.inspection date : 10-AUG-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAMUWANI KALAN-I (3.50HT)**
- (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. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest : WED
2. Address for : M/S S.N.S.(MINERALS) LTD.
correspondance P.O. MAIHAR,
DIST. SATNA (M.P.) 485771
3. (a) Lease Number : MPR0267
(b) Lease area : 1.61
(c) Period of lease : 10
(d) Date of Expiry : 14-DEC-92
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main
LATERITE Associated

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.

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	21-MAR-95
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	18-JAN-12
		Mining Scheme rule 12 MCDR1988	19-JUN-14
		MP modif under MCR 1960	09-NOV-15

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration proposal was given	No exploration work carried out	
1b	Exploration over lease area for geological axis 1 or 2	lease area explored upto G2 level	Lease area explored upto G2 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Mentioned	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area explored upto G2 level	as per the approved mining plan the lease area is explored upto G2 level needs to explored upto G1 level	
1e	Balance reserve as on 01/04/20	01.04.2015 122=0.491112 222=0.650514	122=0.391762 222=0.650514	
1f	General remarks of inspecting officers on geology, exploration etc			ML area explored upto G2 level, ML area belongs to Vindhyan Super group of rocks in the Maihar region.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	it was proposed to develop the quarry toward steh south direction with depth	working was not carried out as per the proposal	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	separate benches in top soil and in mineral benche were proposed	working was not carried out as per the proposal	

2c	Stripping ratio or ore to OB ratio	1:0.30	NIL, working was not carried out as per the proposal	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			working was not carried out as per the proposal

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single Pit	Single Pit	
3b	Quantity of ROM mineral production proposed	42843 tonnes	0-NIL	
3c	Recovery of sailable/usable mineral from ROM production	70-80 %	Nil-0	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not Mentioned	NIL	
3f	Quantity of sub grade mineral generation.	Not proposed	Nil	
3g	Grade of sub grade mineral generation	Not Proposed	Nil	

3h	Manual / Mechanised method adopted for segregating from ROM	Not Proposed	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	NIL
3j	Provision of drilling and blasting in mineral benches	Proposed	as and when required on contract basis
3k	Provision of mining machineries in mineral benches	Proposed	Non-operational at the time of inspection
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Suitable	as per approved mining plan
3m	Total area covered under excavation/pits	2.40	1.90
3n	Ore to OB ratio for the pit/mine during the year.	1:0.30	Nil
3o	Total area put in use under different heads at the end of year	2.85	2.80
3p	Production of ROM mineral during the last five year period as applicable	2015-16=39890 2016-17=67010 2017-18=68228 2018-19=29128 2019-20=42843	2015-16=46150 2016-17=53200 2017-18=0 2018-19=0 2019-20=0

3q General remarks
of inspecting
officers on
method of mining
etc.

working was not as
per the approved
mining plan mine
was not in
operation since
2017-18.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	propsoed	nil	
4b	Location of topsoil, OB and mineral reject dumps	proposed	in the northern part of the lease area	
4c	Number of dumps within lease area and outside of lease area	2 dumps within the leae area	2 dumps within the lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside the UPL	outside the UPL	
4e	Number of active and alive dumps.	2 active dumps	2 active dumps	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	Not Proposed	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	not propsoed	nil;	
4i	Length of Retaining wall or garland drain all along dumps	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	

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 extrcation of mineral proposed	in the east southern side the UPD has been reached	
5b	Area under backfilling of mined out area	Not Proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	not proposed	No soil generated	
5d	Total area fully reclaimed and rehabilitated	Not Proposed	Nil	

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	grade wise sorting was proposed	not in operational	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanised method	screening	
7c	Different grade of mineral sorted out at mines.	not proposed	nil	
7d	Any beneficiation process at mines	not proposed	nil	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	no additional process proposed
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	proposed	no soil was generated, non operational mine	
8b	Concurrent use or storage of topsoil	plantation	non operational mine	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	proposed	as per proposal	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	proposed	no waste generated during the year non operational mine	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	proposed	non operational mine	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	proposed	as per approved mining plan	

8g	Survival rate	95%	60-65%	
8h	Water sprinkling on roads to control airborne dust	proposed	non operational mine	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			needs improvements

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Furnished	Mining Engineer in charge Shri J.L. Saraf	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	Lease area (surface area) utilisation as at the end of year (hectares) Under forest Outside forest Total (i) Already exploited & abandoned by opencast (O/C) mining 0.000 1.900 1.900 (ii) Covered under current (O/C) Workings 0.000 0.000 0.000 (iii) Reclaimed/Rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.000 0.000 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.000 0.000 (vi) Other Purpose (0) 0.000 0.000 0.000 (vii) Work done under progressi
9d	Scrutiny of Annual return on afforestation	Furnished	Furnished
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Furnished	Furnished
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Furnished	Furnished
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Furnished	NIL

9k	Scrutiny of Annual return on mining machineries	Furnished	Nil
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Details of violations observed during current inspection and compliance position of violation pointed out

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

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines