

Mining Plan Modification 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 : Shyamal Kishore Kumar (Mines Head)
Designation
- (iv) Date of Inspection : 22-JAN-22
- (v) Prev.inspection date : 11-FEB-14

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAMUWANI KALAN-II (8.584H)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (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 : 8.58
(c) Period of lease : 50
(d) Date of Expiry : 22-NOV-25
4. Mineral worked : LIMESTONE Main

I/7789/2023

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 Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	14-MAY-15
		Mining Scheme rule 12 MCDR1988	21-MAR-95
		Mining Scheme rule 12 MCDR1988	03-NOV-08
		Mining Scheme rule 12 MCDR1988	25-APR-13
		Renewal under rule 24 MCR1960	13-MAY-15
		Renewal under rule 24 MCR1960	11-FEB-22

I/7789/2023

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposals	NA	
1b	Exploration over lease area for geological axis 1 or 2	No proposals	NA	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals	G-2 - 2.63 HA Area to be explored in G1	
1e	Balance reserve as on 01/04/20	No proposals	111- 1057664 & 122- 416803 Tonnes as ON 01/01/2022	
1f	General remarks of inspecting officers on geology, exploration etc			No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposals	NA	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposals	NA	
2c	Stripping ratio or ore to OB ratio	No Proposals	NA	
2d	Quantity of topsoil generation in m3	No Proposals	NA	
2e	Quantity of overburden generation in m3	No Proposals	NA	

I/7789/2023

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No Proposal given as no approved document for the year 2020-21.
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Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposals	Nil	No Proposal given as no approved document for the year 2020-21.
3b	Quantity of ROM mineral production proposed	No Proposals	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No Proposals	NA	
3d	Quantity of mineral reject generation	No Proposals	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	No Proposals	NA	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposals	NA	
3j	Provision of drilling and blasting in mineral benches	No Proposals	NA	

I/7789/2023

3k	Provision of mining machineries in mineral benches	No Proposals	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposals	NA	
3m	Total area covered under excavation/pits	No Proposals	3.825 as per AR 2020-21.	
3n	Ore to OB ratio for the pit/mine during the year.	No Proposals	NA	
3o	Total area put in use under different heads at the end of year	No Proposals	4.50 HA	
3p	Production of ROM mineral during the last five year period as applicable	2016-17-165227 2017-18-177540 2018-19-179900 2019-20-193800 2020-21- Nil	2016-17-128800 2017-18-62205 2018-19-2000 2019-20- Nil 2020-21- Nil	
3q	General remarks of inspecting officers on method of mining etc.			No Proposal given as no approved document for the year 2020-21.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposals	NA	
4b	Location of topsoil, OB and mineral reject dumps	No Proposals	NA	
4c	Number of dumps within lease area and outside of lease area	No Proposals	NA	

I/7789/2023

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposals	NA	
4e	Number of active and alive dumps.	No Proposals	NA	
4f	Number of dead dumps.	No Proposals	NIL	
4g	Number of dumps established.	No Proposals	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposals	NIL	
4i	Length of Retaining wall or garland drain all along dumps	No Proposals	NIL	
4j	Number of settling ponds	No Proposals	NIL	
4k	Specific comments of inspecting officer on waste dump management			No Proposal given as no approved document for the year 2020-21.

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.	No Proposals	NA	No Proposal given as no approved document for the year 2020-21.
5b	Area under backfilling of mined out area	No Proposal given as no approved document for the year 2020-21.	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposal	NA	
5d	Total area fully reclaimed and rehabilitated	No Proposal	NA	

I/7789/2023

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.
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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).	No Proposal	NA	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.
6b	Area available for rehabilitation (ha) .	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA	
6c	afforestation done (ha).	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA	
6d	No. of saplings planted during the year	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA	
6e	Cumulative no .of plants	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA	
6f	Any other method of rehabilitation	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA	
6g	Cost incurred on watch and care during the year	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA	

I/7789/2023

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA

I/7789/2023

6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NIL	
7c	Different grade of mineral sorted out at mines.	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NIL	
7d	Any beneficiation process at mines .	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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I/7789/2023

8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
8b	Concurrent use or storage of topsoil	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
8g	Survival rate	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NA
8h	Water sprinkling on roads to control airborne dust	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	NIL

I/7789/2023

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	No Proposal given for the year 2020-21. Year 2020-21 is lapsed period.	Returns submitted online	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Manager Shri Kumar Shyamal Kishor Mining Engineer in charge Shri Rajendra Vandile Geologist in charge Shri Arvind Kumar Tamrakar	
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 3.825	
9d	Scrutiny of Annual return on afforestation	Given	Number of trees planted during the year- 97 nos with 90 % survival rate.	
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	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	

I/7789/2023

I/7789/2023

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 :

(ROBERT SIMON C)

Indian Bureau of Mines