

INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION

MCDR INSPECTION REPORT

Jabalpur regional office

Mine file No : MP/KTN/LST-51

Mine code : 38MPR18037

- (i) Name of the Inspecting : NQ06) P.NAHAR
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sh. Ravi Singh, GM(Mines)
Official with
Designation
- (iv) Date of Inspection : 10/12/2015
- (v) Prev.inspection date : 18/10/2007

PART-I : GENERAL INFORMATION

1. (a) Mine Name : JAMUWANI KALAN-II(8.584H)
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : MADHYA PRADESH
- District : KATNI
- Village : JAMUWANIKALAN
- Taluka : VIJAYRAGHAVGARH
- Post office : JAMUWANIKALAN
- Pin Code :
- FAX No. : NIL
- E-mail : NIL
- Phone : NIL
- (e) Police Station : KYMORE
- (f) First opening date : 01/01/1978
2. Address for
correspondance : M/S S.N.S.(MINERALS) LTD.
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 : 17/12/2015
4. Mineral worked : LIMESTONE Main

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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 : 14/05/2015
Plan/Scheme of Mining

PART - II : TECHNICAL DETAILS/COMMENTS

1. Details about Average employment :

Maximum number of persons employed on any day during the year

Employment category	No. of employment	Av. yearly working days
DIRECT		
Supervisory	5	21
Managerial	2	21

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2. Community Development Plan (in and around the mines) : Proposed action and expenditure towards socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
General					
Housing	0.00	0.00	0.00	0.00	Any data not ava
Water supply	0.00	0.00	0.00	0.00	Any data not ava
Health	0.00	0.00	0.00	0.00	Any data not ava
Sanitation	0.00	0.00	0.00	0.00	Any data not ava
Safety	0.00	0.00	0.00	0.00	Any data not ava
Sub total					
Infrastructure	0.00	0.00	0.00	0.00	
Sub total			0.00		
Total	0.00	0.00	0.00	0.00	

3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.

Last inspection of the area was carried out by Shri S.S. Sapkal, Sr. ACOM. During the inspection violation of rule 13(1), 23E(2) and 24(1) were pointed out vide letter no. MP/Katni/Limestone-51 dated 17/12/2012. These rules were complied on 06/02/2013.

During present inspection violation of rules 24(1), 23E(2), 42, 45(5)(a) and 45(5)(b) was observed. A violation cum show cause notice has been issued on 11/04/2016.

4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988, if recommended.

Not recommended

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5. Scientific Mining

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
a.Type of prospecting : Not proposed and exploration i.e. pitting, drilling		Not done.	No deviation
b.Total area covered : Nil		Nil	Any exploration not carried out.
B. Working (Rule 13)			
a.Number and size of : 80-160x30-130x8m each pit (LxWxH)		Not done.	The pit is not opened as on date.
b.Bench size(LxWxH)length can be defined as regular/irregular	: Top soil- Length160m,width-3m,Ht,-3m Shale -Length-80m,width-6,ht.3m Limestone- Length80m,Width-6m,Ht. 3m	Not done	The pit is not opened up as on date.
c.Ore to waste ratio : 1:0.56 pit wise if possible otherwise for mine		Not seen.	The pit is not opened up as on date.
d.Total area covered : 1.01 Ha under excavation/pits		Not developed .	The pit is not opened up as on date.
C. Waste disposal (Rule 13)			
a.Location of dumps	: Backfilling of mined out barrier zone.	Not seen.	The pit is not opened up as on date.But 337.5m ² area of mined out barrier zone was backfilled during last year.
e.Yearly generation of waste quantity.	: 20150CUM.	NIL	
b.Method of dumping whether advancing/retreat	: Only backfilling proposed.	Not done.	
c.Total area covered under waste dump.	: Not proposed.	Approx. 1.54ha.	All are old ldumps.
d.No.and size of each waste dump with No of steps/lift/bench	: Not proposed.	All are old dumps .	There are 8 nos. of old dumps varying in size from20mx10mx2m

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D. Production

to 130mx40mx5m.

b. Year wise production of last five year.	: 2010-11-NP, 2011-12-NP, 2013-14-19625T, 2014-15-200000T & 2015-16-102700 tonnes	2010-11-NIL, 2011-12-NIL, 2013-14-NIL, 2014-15-NILT & 2015-16 -81500 tonnes	No deviation.
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D. Reserve

a. Reserve position as per latest MP/MS and at the time of inspection.	: 1.867950 m.t.	Any work is not done after approval of Scheme of Mining till date of inspection. Hence no change in Status.	No change in reserve position.
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RESERVE POSITION AS ON 01/04/2015

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	1867950	Cement and flux
Probable		
Possible		
Total	1867950	

PRODUCTION FOR THE PREVIOUS YEAR 2014 - 2015

Mineral	Production	Unit

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6. Conservation of Mineral - both quantitative and qualitative

Beneficiation (Rule 20 and 26)

Efforts for improving low grade and sub grade mineral. : Blending is done.

Efforts for improving percentage of recovery of ore. : Blending.

Mineral Rule 15

Percentage of recovery of ore : 90% wrt ROM & 70% wrt total material.
pitwise w.r.t. ROM and total material

Number of benches in ore and waste. : One in waste and one in ore.

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : NA

Number and size of each stack : NA

Location of stacking. : NA

Separate stacking from waste : No sub grade mineral generated.

Total area covered for stacking : NA

Exploration data as on 31/03/ 2015

No. of Boreholes	No. of Pits	No. of Trenches
0	0	0

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2014 - 2015

Overburden/waste removed (in m3) : 0

Utilisation of Sub Grade Mineral and Mineral Rejects

Generated	Utilised	Stacked	(In Ton.)

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7. Environment Management - both quantitative and qualitativ

A. Land environment

- a. Landscape. : Plain counrty.
- b. Aesthetic environment : Good.
- c. Soil and land use pattern : Mostly black soil.
- d. Agriculture : Cultivation is done around lease area.
- e. Forest(flora and fauna) : A forest land is situated near the nortern boundary, outside the lease area.
- f. Vegetation : Only few bushes seen, other than plantation carrierd out by the lessee.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : None.

B Water environment.

- a. Surface water : There is no surface waste body in and around lease area.
- b. Ground water : Seepage water upto 2m depth was observed in pit no. 3.
- c. Quality of water : Suitable for domestic and agriculatural purpose .Samples are regularly collected for analysis.

C. Air environment

- a. Noise : Not done.
- b. Air : Done.
- c. Climatic condition : Worm and Humind.

D. Socio economic environment

- a. Social and demographic profile. : Agriculature and working in nearby mines.
- b. Recommending health and safety. : Good.Health check up is done time to time.
- c. Human settlement : Village Jamwanikhurd is 1.0 km west of the lease area.
- d. Recreational facility. : Company gives some donation for recreation of villagers as well as workers.

7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.

<u>Water Management</u>					
Season	Station type	Station name	Parameter	Value	
				Actual	Excess

<u>Air data for excess parameters</u>			Value
Season	Station name		

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Type of area	Parameter	Actual	Excess
<u>PLANTATION DURING THE PREVIOUS YEAR</u>	<u>2014 - 2015</u>		
			Area in Hect.
TOP SOIL MANAGEMENT			
Quantity as on 31/03/2015			

~~0.718c~~

8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

Scrutiny of Annual returns of 2014-15 was carried out. Nothing outstanding was noticed. Other details are given below-

Cost of Production-Rs.353.60 per tonne.

Reserve-2020950 Tonnes(121 and 122)

1199700 Tonnes(221 and 222)

Production-38,000 Tonnes

Dispatch-16841 Tonnes

Closing stock-21159

PMV-Rs 141.0/-

Land use pattern-

Area already exploited-1.201ha

Area covered under present working-0.020ha

area used for waste disposal 1.980

Others-0.30ha

Fixed Assessts-Rs.66,52,859/-

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PART - III : PERFORMANCE OF MINE OWNER
(In case of lease expiring within 2 years - as per guidelines)

a. Compliance of terms and conditions of lease deed.

Period already extend under MM(D&R) Amendment act.2015.Hence not applicable.

b. Compliance of the provisions of MCDR, 88 and advise given.

Not applicable.

c. Conduct with regard to adoption of safety measures and forest wealth, ecology and environment in the mining lease area.

Not applicable.

d. Whether the mine owner has carried out exploration and exploitation on the basis on surface mapping, pitting, trenching and core drilling taking in to consideration the mode of occurrences of mineral deposit.

Not applicable.

e. Whether production from mining area is commensurate with the reserves and the long term progress of utilization of mineral.

Not applicable.

f. Whether adequate investment has been made by the lessee on the development of mine on mining machinery, operational and administrative building, residential accommodation for the employees.

Not applicable.

g. Measures taken by the lessee for protection of environment and ecology.

Not applicable

h. In case leases where the mineralisation tends to exhaust within the present period, the status of closing operation in phases and the special issues including human issues to be addressed at the time of closing of mine.

Not applicable.

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)

None.

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

None.

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

None.

Date : 29/4/16