

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LIMESTONE-346

Mine code : 38MPR35319

- (i) Name of the Inspecting : **SQ23**) **SANDEEP KUMAR SINGH**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 08-AUG-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JURA 29.163HA.**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : SATNA
Village : JOORA
Taluka : MAIHAR
Post office : JOORA
Pin Code :
FAX No. : -
E-mail : -
Phone : -
- (f) Police Station :
- (g) First opening date : 31-JAN-09
- (h) Weekly day of rest : SUN
2. Address for : P.O.GORAIYA
correspondance : DIST. SATNA
MP
3. (a) Lease Number : MPR2269
- (b) Lease area : 29.16
- (c) Period of lease : 30
- (d) Date of Expiry : 12-JAN-39
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SANKATHA PRASAD DWIVEDI
VILLAGE GORAIYA DISSTT.
SATNA, M.P. - SATNA MADHYA
PRADESH
Phone:-
FAX :-

Owner : SANKATHA PRASAD DWIVEDI
P.O. GORAIYA DISTT. SATNA
MP SATNA MADHYA PRADESH
Phone: -
FAX : -

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NA	NA	
1b	Exploration over lease area for geological axis 1 or 2	NA	NA	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	THERE WAS NO PLAN PROPOSAL IN REVIEW YEAR 18-19
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	
1e	Balance reserve as on 01/04/20	AS ON 1/04/2019	111- 2613155 TONS, 211- 1267448	
1f	General remarks of inspecting officers on geology, exploration etc			LIMESTONE BELONGS TO BHANDER GROUP OF VINDHAYAN SUPER ROCKS.AREA HAS BEEN EXPLORED BY STATE GOVT AGENCIES.HAVE LOW DIP TOWARDS SOUTH 2-4 DEGREE AND HAVE TREND WNW - ESE.THERE WAS NO APPROVED PLAN PROPOSAL IN REVIEW YEAR 18-19.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	NP	NA	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NP	NA	

2c	Stripping ratio or ore to OB ratio	NP	NA	
2d	Quantity of topsoil generation in m3	NP	NA	
2e	Quantity of overburden generation in m3	--NP	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			WORKING PIT IS SEEN IN MINE AREA.SOME BENCHES HAD LESS WIDTH MERGING WITH WASTE BENCHES.THERE WAS NO APPROVED PLAN PROPOSAL IN REVIEW YEAR 18- 19.VIOLATION GIVEN FOR BENCHES.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NA	na	THERE WAS NO PLAN PROPOSAL IN REVIEW YEAR 18-19.
3b	Quantity of ROM mineral production proposed	NA	NA	THERE WAS NO PLAN PROPOSAL IN REVIEW YEAR 18-19.
3c	Recovery of sailable/usable mineral from ROM production	NA	NA	
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	NA	NA	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	
3j	Provision of drilling and blasting in mineral benches	NA	NA	
3k	Provision of mining machineries in mineral benches	NA	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM		MINE IS DEVELOPED IN BENCHES.YES.	
3m	Total area covered under excavation/pits		PIT-4.070 HECT	
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	NO PROPOSAL IN YEAR.
3o	Total area put in use under different heads at the end of year		PIT-4.070,DUMP=1.120,INFR-.250 TOTAL-5.44 HECT ALL IN HECT	
3p	Production of ROM mineral during the last five year period as applicable	14-15-48600,15-16-49800,16-17-50670,17-18-49500,18-19-NIL	14-15-29300,15-16-26915,16-17-2780,17-18-21250,18-19-NIL	

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

PIT HAS BEEN
DVELOPED IN
BENCHING.BENCH
WIDTH WERE
LESS.VIOLATION
ISSUED.MINES WAS
NOT OPERATIONAL ON
INSPECTION DAY.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	na	na	
4b	Location of topsoil, OB and mineral reject dumps	na	na	
4c	Number of dumps within lease area and outside of lease area		one dump in lease	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	na	na	
4f	Number of dead dumps.	--	nil	
4g	Number of dumps established.		01	
4h	Whether Retaining wall or garland drain all along dumps are there.		yes	
4i	Length of Retaining wall or garland drain all along dumps		around 50 mtr	
4j	Number of settling ponds	nil		

4k	Specific comments of inspecting officer on waste dump management			one dump is seen on which plantatation has been carried out.there is no plan propsal approved for review year 18-19.
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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.	na	na	
5b	Area under backfilling of mined out area	na	na	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	na	na	
5d	Total area fully reclaimed and rehabilitated	na	na	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			there is plan propsal approved for review year 18-19.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6b	Area available for rehabilitation (ha) .	na	na	
6c	afforestation done (ha).	na	na	

6f	Any other method of rehabilitation	na	na	
6g	Cost incurred on watch and care during the year	na	na	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	np	nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	np	nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	np	nil	no proposals in year 18-19. no plan approved
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	np	nil	no proposals in year 18-19. no plan approved
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	np	nil	no proposals in year 18-19. no plan approved
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	np	nil	no proposals in year 18-19. no plan approved

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	np	nil	no proposals in year 18-19. no plan approved
6p	Compliance of environmental monitoring (core zone and buffer zone)	np	na	no proposals in year 18-19. no plan approved
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			no proposals in year 18-19. no plan approved. a dump is seen in mines with good plantation on it.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	np	na	no proposals in year 18-19. no plan approved
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	np	na	
7c	Different grade of mineral sorted out at mines.	np	na	no proposals in year 18-19. no plan approved
7d	Any beneficiation process at mines .	np	na	no proposals in year 18-19. no plan approved
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	np	na	no proposals in year 18-19. no plan approved

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	np	na	no proposals in year 18-19. no plan approved
8b	Concurrent use or storage of topsoil	np	na	no proposals in year 18-19. no plan approved
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	np	na	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	np	nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	np	na	
8g	Survival rate	np	na	
8h	Water sprinkling on roads to control airborne dust	np	nil	no proposals in year 18-19. no plan approved

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	a dump with good plantatation is seen in mines area.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	YES SUBMITTED.	MONTHLY AND ANNUAL RETURNS SUBMITTED FOR 18-19.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	GEOLOGIST IS APPOINTED.		MINES IS NOT RUNNING IN YEAR.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	PIT- 4.070, DUMP=1.1 20, INFR-.250 TOTAL-5.44 HECT ALL IN HECT	DETAILS ARE GIVEN	

9d	Scrutiny of Annual return on afforestation	50 sapling planted with survival rate of 65%.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	below 25% Cao	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	DISPATCHES:752 7.140 CLOSING STOCK: 4925.450 EX MINE PRICE231.00	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	EXMINE -231 RS,SALE PRICE : 292/T	
9h	Scrutiny of Annual return on fixed assets	6215325 - VALUE OF FIXED ASSETS IN RS	
9k	Scrutiny of Annual return on mining machineries	NIL.	NO MINING PLAN IS THERE FOR YEAR 18- 19.

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 13(1)	18-OCT-19		MCDR17	Rule 13(1)	18-OCT-19	04-DEC-20
MCDR17	Rule 28(3) (k)	18-OCT-19	05-DEC-19	MCDR17	Rule 33	18-OCT-19	04-DEC-20
MCDR17	Rule 33	18-OCT-19					
MCDR17	Rule 55(1) (3)	18-OCT-19	05-DEC-19				
MCDR17	Rule 11(1)	18-OCT-19					
MCDR17	Rule 28(1)	18-OCT-19					
MCDR17	Rule 33	18-OCT-19					
MCDR17	Rule 55(1) (1)	18-OCT-19					

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines