

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

**Mining Plan Modification REPORT**

**Jabalpur regional office**

**Mine file No :** MP/KTN/LST-92

**Mine code :** 38MPR18065

- (i) Name of the Inspecting : **SQ05** ) **DEEPAK SHARMA**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Representative to lessee Mr Varun Grover, QP Indranee  
Official with  
Designation
- (iv) Date of Inspection : 18-JAN-21
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SALAIYA PAHARHAI (66.67)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address  
State : MADHYA PRADESH  
District : KATNI  
Village : SALAIYA PAHARHAI  
Taluka : V.GARH  
Post office :  
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 KARAM CHAND ASSOCIATES  
correspondance PROP. RISHI KUMAR GROVER,  
CIVIL LINES, KATNI (M.P.) 483501
3. (a) Lease Number : MPR0201  
(b) Lease area : .41  
(c) Period of lease : 20  
(d) Date of Expiry : 05-MAR-96
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : KARAM CHAND ASSOCIATES  
PROP. RISHI KUMAR GROVER  
CIVIL LINES KATNI MADHYA  
PRADESH  
Phone:N. A.  
FAX :N. A.

Owner : KARAM CHAND ASSOCIATES  
PROP. RISHI KUMAR GROVER  
CIVIL LINES KATNI MADHYA  
PRADESH  
Phone: N. A.  
FAX : N. A.

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 29-SEP-14  
Plan/Scheme of Mining

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## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal was given	No work done as the mine was not in operation for want of valid document from 2018-19 to 2019-20.	The inspection was carried out for the draft submitted RMP with proposal period 2020-21 to 2022-23
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposed	Mineralized area i.e. 26.57 hect already explored upto G1 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	M/s Karam Chand Associates expenditure not mentioned	M/s Karam Chand Associates expenditure not mentioned	
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	Mineralized area i.e. 26.57 hectare, already explored upto the level of G1	
1e	Balance reserve as on 01/04/20	as on 03.02.2021 111-0 121-4.110 122-0 211-0 221-1.101 222-0 331-5.21 332-0 333-0 334-0	as on 03.02.2021 111-0 121-4.110 122-0 211-0 221-1.101 222-0 331-5.21 332-0 333-0 334-0	Mine was not in operation due to non-availability of valid document
1f	General remarks of inspecting officers on geology, exploration etc			The mine was not in operational since last five years, ML has been explored upto the level of G1, limestone of the ML belongs to vindhyan group of rocks of rohtas formation.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal for the reporting year 2019-20 proposed	No Development work done	Mine was not in operation at the time of inspection. due to non-availability of valid mining plan. inspection was carried out for the submitted draft Mod MP
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal was given	Separate benched in top soil and OB prepared earlier	
2c	Stripping ratio or ore to OB ratio	No proposal was given	1:1.40 approx	
2d	Quantity of topsoil generation in m3	No proposal given	Development and production was not done, mine was not in operation. No such data available	
2e	Quantity of overburden generation in m3	No proposal was given	Development and prodcution was not done, mine was not in operation at the time of inspection no such data available	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Pit was water logged at the time of inspection, No activity was done in terms of development and production, Mine does not have valid document for the reporting year, inspection was carried out for the submitted draft Mod. MP.

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	No proposal was given for the reporting year 2019-20.	No development and production was done, old pits were water logged, there are 4 numbers of pits seen in the ML which are water logged depth could not be verified. Dimension of quarries are as below Quarry 1- 380 X90X21 Quarry 2- 130X85X16 Quarry 3- 205X115X15 Quarry 4-110X35X5 Unit of dimensions are in meter
3b	Quantity of ROM mineral production proposed	No proposal was given for the reporting year 2019-20.	No development and production was done mine was not in operation.
3c	Recovery of sailable/usable mineral from ROM production	No proposal was given for the reporting year 2019-20.	No production reported, mine was not in operation.
3d	Quantity of mineral reject generation	No proposal was given for the reporting year 2019-20.	No Mineral reject generated
3e	Grade of mineral rejects generation and threshold value declared.	No proposal was given for the reporting year 2019-20.	No Mineral reject generated.
3f	Quantity of sub grade mineral generation.	No proposal was given for the reporting year 2019-20.	No sub grade mineral generated.
3g	Grade of sub grade mineral generation	No proposal was given for the reporting year 2019-20.	No sub grade mineral generated
3h	Manual / Mechanised method adopted for segregating from ROM	As per office records mine listed under A-Cat	As per office records mine listed under A-Cat, in the recent approved mining plan Mechanised method of mining proposed.

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal was given for the reporting year 2019-20.	No beneficiation study done	
3j	Provision of drilling and blasting in mineral benches	No proposal was given for the reporting year 2019-20.	No drilling and blasting done, as the mine was closed since last five years	
3k	Provision of mining machineries in mineral benches	No proposal was given for the reporting year 2019-20.	Mine was closed since 2018-19 to 2019-20. in teh recent approved mining plan provision of mining machineries given on hiring basis.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal was given for the reporting year 2019-20.	The prepared benches in OB and Mineral benches are suitable for opencast method of mining, however in fresh area is proposed to be develop.	
3m	Total area covered under excavation/pits	No proposal was given for the reporting year 2019-20.	8.10 hectare area covered under excavation as per approved mining plan.	
3n	Ore to OB ratio for the pit/mine during the year.	No proposal was given for the reporting year 2019-20.	Not Available	
3o	Total area put in use under different heads at the end of year	No proposal was given for the reporting year 2019-20.	18.66 hectare as per approved mining plan	
3p	Production of ROM mineral during the last five year period as applicable	2015-16=13068 t 2016-17=40125 t 2017-18=0 2018-19=0 2019-20=0	2015-16=0 2016-17=0 2017-18=0 2018-19=0 2019-20=0	Proposed production not achieved for want of EC and not having valid document
3q	General remarks of inspecting officers on method of mining etc.			Opencast mechanised method of mining was adopted and proposed.

## Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal for the reporting year 2019-20 was given	No work related to dumping carried out during the year	No work related to waste dumping carried out during the reporting year due to not having valid document
4b	Location of topsoil, OB and mineral reject dumps	No proposal for the reporting year 2019-20 was given	No work carried out during the year 2019-20	No work related to waste dumping carried out during the reporting year due to not having valid document
4c	Number of dumps within lease area and outside of lease area	5 nos of dumps within lease area	5 nos of dumps present within lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within ultimate pit limit	dumps are situated within the ultimate pit limit, three dumps are in southern portion of the mining lease and two dumps are north-eastern portion of the mining lease.	
4e	Number of active and alive dumps.	5 dumps are active and alive	all the 5 dumps are active and alive	
4f	Number of dead dumps.	None (0)	None (0)	
4g	Number of dumps established.	None (0)	None (0)	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal was given in the reporting year 2019-20.	No, retaining wall or garland drain available along the dumps	
4i	Length of Retaining wall or garland drain all along dumps	No proposal was given for retaining wall or garland drain	No, retaining wall or garland drain available along the dumps	
4j	Number of settling ponds	None (0)	None (0)	

4k	Specific comments of inspecting officer on waste dump management	No work related to dump management was carried out, due to non oprtaion of the mine for want of EC and valid document
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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.	full extraction of mineral from teh mined out area before startign backfilling	No such work was done in the reporting year 2019-20.	
5b	Area under backfilling of mined out area	no proposal was given for the reporting year 2019-20.	No work of backfilling carried out during the reporting year.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal was given for the reporting year 2019-20.	No work in respect to use of top soil done as the mine was not in operation	
5d	Total area fully reclaimed and rehabilitated	Not available	Not available	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No work related to backfilling and reclamation was done during the reporting year as the mine was not in operation for want of EC and valid document

#### Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	None	Annual PMCP report not submitted
6b	Area available for rehabilitation (ha) .	None (0)	No area is available for rehabilitation, full extarction of mineral not done.
6c	afforestation done (ha).	No propposal for the reporting year 2019-20.	None, mine was closed
6d	No. of saplings planted during the year	No prop[osal for the year 2019-20.	None
6e	Cumulative no .of plants	None (0)	No plantation work carried out.
6f	Any other method of rehabilitation	Not proposed	None
6g	Cost incurred on watch and care during the year	No information furnished as no proposal was given	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal was given for the year 2019-20.	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal was given for the year 2019-20.	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No proposal was given for the year 2019-20.	None

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal was given for the year 2019-20.	None	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal was given for the year 2019-20.	None	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal was given for the year 2019-20.	None	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal was given for the year 2019-20.	None	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal was given for the year 2019-20.	None	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal was given for the year 2019-20.	None	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No work related to PMCM was carried out, as there was no proposal was given for the year 2019-20. mine not in operational.

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**Mineral Conservation:**


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Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal was given for the year 2019-20.	None	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal was given for the year 2019-20.	None	
7c	Different grade of mineral sorted out at mines.	No proposal was given for the year 2019-20.	None	
7d	Any beneficiation process at mines .	No proposal was given for the year 2019-20.	None	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No details in respect to beneficiation proposed and neither carried out in the reporting year.

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal was given for the year 2019-20.	None	
8b	Concurrent use or storage of topsoil	No proposal was given for the year 2019-20.	None	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal was given for the year 2019-20.	None	

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8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal was given for the year 2019-20.	None	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal was given for the year 2019-20.	None	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal was given for the year 2019-20.	None	
8g	Survival rate	No proposal was given for the year 2019-20.	None	
8h	Water sprinkling on roads to control airborne dust	No proposal was given for the year 2019-20.	None	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			the mining lease is part of kymore series of limestone in katni district, there are different mining lease adjacent to the mining lease, it required to upgrade in term of plantation.

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Not Submitted	Not Submitted	Violation issued for non submission of AR and MR
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Provided	AR and MR not submitted by the ML	Violation issued for non submission of AR-MR along with Rule 55 of MCDR 2017
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not Submitted	AR and MR not submitted	Violation issued for non submission of AR and MR
9d	Scrutiny of Annual return on afforestation	Not Submitted	AR and MR not submitted	Violation issued for non submission of AR and MR
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Provided	AR and MR not submitted	Violation issued for non submission of AR and MR
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Provided	AR and MR not submitted	Violation issued for non submission of AR and MR
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Provided	AR and MR not submitted	Violation issued for non submission of AR and MR
9h	Scrutiny of Annual return on fixed assets	Not Provided	AR and MR not submitted	Violation issued for non submission of AR and MR
9k	Scrutiny of Annual return on mining machineries	Not Provided	AR and MR not submitted	Violation issued for non submission of AR and MR

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**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 45 (5) (k)	26-APR-21			
MCDR17	Rule 45 (5) (c)	26-APR-21			
MCDR17	Rule 55 (1) (3)	26-APR-21			

**Date :**

**(DEEPAK SHARMA)**

Indian Bureau of Mines