

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/KTN/LST-72

Mine code : 38MPR18033

- (i) Name of the Inspecting : M009 ) SUDIP RANJAN MAZUMDAR  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Smt. Gunjan Goenka, Lessee's Representative  
Official with  
Designation
- (iv) Date of Inspection : 28-AUG-23
- (v) Prev.inspection date : 19-OCT-22

PART-I : GENERAL INFORMATION

1. (a) Mine Name : HARRIYA (17.46 AC)
- (b) Registration NO. :
- (c) Category : A-Category
- (d) Type of Working : Opencast
- (e) Postal address  
State : MADHYA PRADESH  
District : KATNI  
Village : HARRIYA  
Taluka : VIJAYRAGHAVGARH  
Post office : KYMORE  
Pin Code : 483880  
FAX No. : N. A.  
E-mail : spgkatni@gmail.com  
Phone : 8770122147
- (f) Police Station : Kymore
- (g) First opening date : 17-JAN-79
- (h) Weekly day of rest : SUN
2. Address for : M/S SUKHDEO PRASAD GOENKA  
correspondance : GOENKA BHAWAN, STATION ROAD, KATNI (M.P.) 483501
3. (a) Lease Number : MPR2534
- (b) Lease area : 7.065 Ha
- (c) Period of lease : 50
- (d) Date of Expiry : 16-JAN-29
4. Mineral worked : LIMESTONE Main

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## 5. Name and Address of the

Lessee : Shri SUKHDEO PRASAD GOENKA  
 GOENKA BHAWAN STATION ROAD  
 KATNI MADHYA PRADESH  
 Phone: 9425157590  
 FAX : N. A.

Owner : Shri SUKHDEO PRASAD GOENKA  
 GOENKA BHAWAN STATION ROAD  
 KATNI MADHYA PRADESH  
 Phone: 9425157590  
 FAX : N. A.

Agent: Shri Ashish Goenka  
 Harraiya Mines  
 Mobile No - 9650283833  
 Date of Appointment- 25.02.2021  
 Email- ashishgeonka@sgoenka.com

## Geologist

Name : Shri Vinod Khuswaha  
 Qualification : M.Sc Geology  
 Appointment/ : 10.02.2021  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	12-FEB-04
Plan/Scheme of Mining		Renewal under rule 24 MCR1960	12-DEC-11
		Mining Scheme rule 12 MCDR1988	17-APR-15
		MP modif under 17(3) MCR 2016	20-JUN-17
		MP review under 17(1) MCR 2016	22-MAY-18

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	In 2018-19 it was proposed to drill 5 boreholes.	The boreholes have been drilled in 2022-23. There is no back log in exploration.	Nil
1b	Exploration over lease area for geological axis 1 or 2	In 2022-23, there was no proposal for exploration	In 2022-23, 7 nos of core boreholes have been drilled.	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Proposed	Exploration Agency: Expenditure Incurred: Rs 651968	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	In 2022-23, there was no proposal for exploration	In 2022-23, 7 nos of core boreholes have been drilled. The lease area has been explored in G1 level of exploration.	Nil
1e	Balance reserve as on 01/04/20	In the RMP approved dated 22.05.2018, Iron ore reserves estimated as on 01.04.2018 under (111) UNFC category was 1866105 tones and resources under 211 category was 1040288 tones.	The balance reserves/resources reported in the annual return submitted for 2022-23 as on 31.03.2023 is incorrect.	The deviation has been pointed out to lessee through violation letter.
1f	General remarks of inspecting officers on geology, exploration etc		There is no backlog in exploration. The lease area has been explored in G1 level of exploration. The balance reserves / resources reported in the annual return submitted for 2022-23 as on 31.03.2023 is incorrect. The deviation has been pointed out to lessee through violation letter.	Nil

Development :

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Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	The location of development proposed towards the northern part of the ML area.	In 2022-23, the development has not been undertaken in the proposed location. Development was done in the central part of the ML area.	The deviation has been pointed out to lessee through violation letter.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in topsoil, overburden, and minerals have been proposed.	Separate benches in topsoil, overburden, and minerals have been maintained.	Nil
2c	Stripping ratio or ore to OB ratio	1:1.14 m3/m3	1:0.36 m3/m3	Nil
2d	Quantity of topsoil generation in m3	43699 m3	Nil	The deviation has been pointed out to lessee through violation letter.
2e	Quantity of overburden generation in m3	In 2022-23, the proposal of Dolomitic waste generation was 84621 m3 and intercalated waste generation was 13886 m3. Thus, proposal for total waste generation was 98507 m3	In 2022-23, the actual waste generation was less i.e. 40699 m3	The deviation has been pointed out to lessee through violation letter.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		In 2022-23, the development has not been undertaken in the proposed location. Development was done in the central part of the ML area. The actual waste generation was less i.e. 40699 m3. The deviations have been pointed out to lessee through violation letter.	Nil

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	One Pit	One Pit	Nil
3b	Quantity of ROM mineral production proposed	In 2022-23, the ROM Production proposed was 312431 tones	In 2022-23, the actual ROM production was less i.e. 299642 tones.	The deviation has been pointed out to lessee through violation letter.
3c	Recovery of sailable/usable mineral from ROM production	312431 tones	299642 tones	Nil
3d	Quantity of mineral reject generation	Not Proposed	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	Nil	Nil
3f	Quantity of sub grade mineral generation.	Not Proposed	Nil	Nil
3g	Grade of sub grade mineral generation	Not Proposed	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Not Proposed	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	Proposed	Carried Out	Nil
3k	Provision of mining machineries in mineral benches	Excavation and loading will be with the help of excavator/loader.	Carried out as per proposal	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes Suitable	Yes Suitable	Nil

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3m	Total area covered under excavation/pits	Total area covered under excavation /pits (Ha.) at the end of Plan period 2022-23 is 5.3950 Ha	Lease area (surface area) utilization as at the end of year (hectares) reported in annual return for 2022-23 in incorrect.	The deviation has been pointed out to lessee through violation letter.
3n	Ore to OB ratio for the pit/mine during the year.	1:1.14 m3/m3	1:0.36 m3/m3	Nil
3o	Total area put in use under different heads at the end of year	Total area put in use under different heads at the end of Plan period 2022-23 is 6.7242 Ha	Lease area (surface area) utilization as at the end of year (hectares) reported in annual return for 2022-23 in incorrect.	The deviation has been pointed out to lessee through violation letter.
3p	Production of ROM mineral during the last five year period as applicable	2018-19: 319025 tones 2019-20: 330784 tones 2020-21: 359667 tones 2021-22: 385359 tones 2022-23: 312431 tones	2018-19: 99900 tones 2019-20: 99980 tones 2020-21: 99980 tones 2021-22: 368735 tones 2022-23: 299642 tones	Data as furnished in the annual returns
3q	General remarks of inspecting officers on method of mining etc.		In 2022-23, the actual ROM production was less i.e. 299642 tones. Lease area (surface area) utilization as at the end of year (hectares) reported in annual return for 2022-23 in incorrect. The deviations have been pointed out to lessee through violation letter.	Nil

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Topsoil will be dumped in the southeast corner along the BZ in the lease area. Intercalated waste dump in the south west corner along the barrier zone in the lease area. The dolomitic waste dump will be kept in the additional land allotted to M/s S.P. Goenka for ancillary activities near to lease area. There will be no generation of mineral reject.	In 2022-23, there was no generation of top soil and mineral reject. Separate dumping of OB maintained within lease area.	Nil
4b	Location of topsoil, OB and mineral reject dumps	Topsoil will be dumped in the southeast corner along the BZ in the lease area. The dolomitic waste dump will be kept in the additional land allotted to M/s S.P. Goenka for ancillary activities near to lease area. There will be no generation of mineral reject.	In 2022-23, there was no generation of top soil and mineral reject. Separate dumping of OB maintained within lease area.	Nil
4c	Number of dumps within lease area and outside of lease area	Two temporary waste dumps and one temporary soil/scree dump.	Two temporary waste dumps as proposed	Nil

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4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL	Outside the UPL	Nil
4e	Number of active and alive dumps.	3 nos of active dumps	2 nos of active dumps	Nil
4f	Number of dead dumps.	Not Proposed	Nil	Nil
4g	Number of dumps established.	Not Proposed	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Proposed	Garland drain present all along the dump	Nil
4i	Length of Retaining wall or garland drain all along dumps	Not Proposed	Garland drain present all along the dump	Nil
4j	Number of settling ponds	Not Proposed	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		In 2022-23, there was no generation of top soil and mineral reject. Separate dumping of OB maintained within lease area.	Nil

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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.	Not Proposed	Nil	Nil
5b	Area under backfilling of mined out area	Not Proposed	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Proposed	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	Not Proposed	Nil	Nil



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5e	General remarks of inspecting officers on backfilling and reclamation etc.	There was no proposal for backfilling.	Nil
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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).	The holder of a mining lease shall submit to the competent authority a yearly report as per the format specified by the Indian Bureau of Mines, before 1st day of July report every year	The annual return on PMCP has been submitted timely.	Nil
6b	Area available for rehabilitation (ha) .	Not Proposed	Nil	Nil
6c	afforestation done (ha).	Not Proposed	0.04 Ha	Nil
6d	No. of saplings planted during the year	Not Proposed	180 nos of saplings	Nil
6e	Cumulative no .of plants	Not Proposed	18000 nos of saplings	Nil
6f	Any other method of rehabilitation	Not Proposed	Nil	Nil
6g	Cost incurred on watch and care during the year	Not Proposed	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not Proposed	Nil	Nil

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6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Proposed	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not Proposed	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposed	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not Proposed	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not Proposed	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not Proposed	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not Proposed	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Carried Out	Nil

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6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	PMCP proposals have been complied as proposed	Nil
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral dispatch proposed after sizing	ROM mineral dispatch carried out as proposed	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual sorting and sizing	Carried out as per requirement	Nil
7c	Different grade of mineral sorted out at mines.	SMS and Cement Grade	SMS Grade	Nil
7d	Any beneficiation process at mines	Not Proposed	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		ROM mineral dispatch carried out as proposed	Nil

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Topsoil will be dumped in the southeast corner along the BZ in the lease area.	There was no generation of top soil.	Nil
8b	Concurrent use or storage of topsoil	Not Proposed	Nil	Nil

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8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	The dolomitic waste dump will be kept in the additional land allotted to M/s S.P. Goenka for ancillary activities near to lease area. There will be no generation of mineral reject.	In 2022-23, there was no generation of top soil and mineral reject. Separate dumping of OB maintained within lease area.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not proposed	Plantation done within lease area: 80 nos	Nil
8g	Survival rate	Not Proposed	Survival rate within lease area 40%	Nil
8h	Water sprinkling on roads to control airborne dust	Proposed	Carried Out	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Aesthetic beauty in and around mine area is maintained.	Nil

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 Compliance of Rule 45:
 

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Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Annual return and monthly return for 2022-23 has been submitted timely.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Only Geologist have been employed in the mines.	A whole time Mining Engineer has not been employed in the mines. Deviation has been pointed out through violation letter.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited and abandoned by opencast (O-C) mining: Nil (ii) Covered under current (O-C) Workings: 5.395 Ha (iii) Reclaimed-rehabilitated: 0.054 Ha (iv) Used for waste disposal: 0.789 Ha (v) Occupied by plant, buildings, residential, welfare buildings and roads: 0.550 ha (vi) Used for any other purpose (specify) Plants: 0.45 Ha (vii) Work done under progressive mine closure plan during the year: 0.173 Ha	Lease area (surface area) utilization as at the end of year (hectares) reported in annual return for 2022-23 is incorrect. The deviation has been pointed out to lessee through violation letter.	Nil
9d	Scrutiny of Annual return on afforestation	Within lease area: 80 nos of saplings have been planted.	Within lease area: 80 nos of saplings have been planted.	Nil

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9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Mineral reject has not been generated	Mineral reject has not been generated	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing stock of ROM is Nil	Closing stock of ROM is Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production reported is Rs 451.41 per tonne	Cost of production reported is Rs 451.41 per tonne	Nil
9h	Scrutiny of Annual return on fixed assets	Value of Fixed Assets furnished is Rs 10302600	Value of Fixed Assets furnished is Rs 10302600	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	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
Rule 11(1)	8-SEP-23	28-MAY-24			
Rule 45(7)	8-SEP-23	28-MAY-24			
Rule 34A(2)	8-SEP-23	28-MAY-24			
Rule 55	8-SEP-23	28-MAY-24			

**Date:****(SUDIP RANJAN MAZUMDAR)**

Indian Bureau of Mines