

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/SKR-69/IO-6

Mine code : 30RAJ23008

- (i) Name of the Inspecting : **G021**) **D R GURJAR**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sh. S K. Mishra, Mining Engineer & Sh. Nimish Singhv
Official with
Designation
- (iv) Date of Inspection : 19-APR-22
- (v) Prev.inspection date : 14-JAN-20

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PREETAMPURI**
- (b) **Registration NO.** : **IBM/4851/2011**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
State : RAJASTHAN
District : SIKAR
Village : Preetampuri
Taluka : Neem Ka Thana
Post office : Preetampuri
Pin Code : 332713
FAX No. : 01574230951
E-mail : goyalmineral@gmail.com
Phone : 9414036691
- (f) Police Station : Neem ka Thana
- (g) First opening date : 24-DEC-01
- (h) Weekly day of rest : SUN
2. Address for : Net Ram Goyal
correspondance : Ward No-2, Neem Ka Thana
Sikar
3. (a) Lease Number : RAJ2033
(b) Lease area : 5
(c) Period of lease : 50
(d) Date of Expiry : 27-AUG-52
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : DAULATRAM GOYAL S/O NETRAM GOYAL
 WARD NO-4 SAHPURA ROAD NEEM
 KA THHANA SIKAR RAJASTHAN
 Phone:9414036691
 FAX :

Owner : Daulat Ram Goyal
 Ward No 4, Shahpura Road,
 Neem Ka Thana, District-
 Sikar (Rajasthan) SIKAR
 RAJASTHAN
 Phone: 9414036691
 FAX :

Mining Engineer

Name : Sunil Kaumar Mishra,Part Time
 Qualification : BE Mining
 Appointment/ : 08-JAN-22
 Termination date

Geologist

Name : PAVAN SADASHIV GEDAN,Part Time
 Qualification : MSC GEOLOGY
 Appointment/ : 10-JAN-22
 Termination date

6. Date of approval of Mining	:	Modif.of approved Mining Plan	24-AUG-05
Plan/Scheme of Mining		FMCP under 23C(1)	26-MAR-10
		Modif.of approved Mining Plan	10-MAY-12
		MP review under 17(1) MCR 2016	31-JUL-18
		MP modif under 17(3) MCR 2016	19-FEB-20

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	During the year 2019-20, exploration was proposed by way of 8 bore holes (400m).	No exploration has been carried out during the year 2019-20.	The exploration proposed during the year 2019-20 has not been carried out till inspection date, hence violation of Rule 11(1) of MCDR 2017 is being issued.
1b	Exploration over lease area for geological axis 1 or 2	No specific proposal given during the year 2020-21.	No exploration has been carried out during the year 2020-21.	The exploration proposed during the year 2019-20 has not been carried out till inspection date, hence violation of Rule 11(1) of MCDR 2017 is being issued.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specified in the proposal.	None during the year 2020-21.	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	No specific proposal given in this regard.	Current inspection has been carried out for Rveiw of Mining Plan. As per recently approved RMP Area under G1-1.0359 hect., Area to be explored- 3.9141 hect.	In the corrent approved reievew of mining plan, proposal has been incorporated of 16 Bore Holes (920m) during the year 2022-23 to explore entire unexplored area & to prove the depth continuity of mineral in the area which is covered under G1 level.
1e	Balance reserve as on 01/04/20	No specific proposal given in this regard.	As per recent approved RMP (Approved on 31.05.2022) Proved resreve(111)- 3353331 tonnes	Nil

1f	General remarks of inspecting officers on geology, exploration etc	The exploration proposed during the year 2019-20 has not been carried out till inspection date, hence violation of Rule 11(1) of MCDR 2017 is being issued.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Between Local grid 200N to 450N & 50W to 150W	As per proposal	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No top soil benches, only OB & mineral benches proposed.	No top soil benches observed only OB & mineral benches observed.	Nil.
2c	Stripping ratio or ore to OB ratio	Year 2020-21: 1:0.7	Year 2020-21: 1:0.7	Nil
2d	Quantity of topsoil generation in m3	No proposal duirng the year 2020-21.	However small quantity of top soil generated duirng the mining operation has been utilised for plantation.	Nil
2e	Quantity of overburden generation in m3	During the year no proposal of OB generation, however total 26989 mineral waste generation proposal given.	During the year total 3000 tonnes waste was generated.	Nil

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	01	Nil
3b	Quantity of ROM mineral production proposed	2020-21: 67473 tonnes	2020-21: 4002.08 tonnes	Nil

3c	Recovery of sailable/usable mineral from ROM production	67%	88%	Nil
3d	Quantity of mineral reject generation	2020-21: 26989 tonnes	2020-21: 3000 tonnes	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Below therhold value	As per proposal	Nil
3f	Quantity of sub grade mineral generation.	No proposal	No subgrade generated	Nil
3g	Grade of sub grade mineral generation	No proposal	Not applicable	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Machenised	Mechnised	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	None	Nil
3j	Provision of drilling and blasting in mineral benches	Provision given	As per proposal	Nil
3k	Provision of mining machineries in mineral benches	Exacavator & dumper combinations	As per proposal	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	As per proposal	Nil

3m	Total area covered under excavation/pits	As per approved modification in review of mining plan (approved on 19.02.2020) the total area under excavation will be 1.040 hect up to year 2021-22.	Area put to use under excavation (up to year 2021-22) is 0.6496 hect.	As per approved RMP (approved on 31.05.2022)
3n	Ore to OB ratio for the pit/mine during the year.	2020-21: 1:0.7	2020-21: 1:0.7	
3o	Total area put in use under different heads at the end of year	As per approved modification in review of mining plan (approved on 19.02.2020) the total area put to use under different head- 1.7446 hect. (up to year 2021-22)	Total area put to use under different heads (up to year 2021-22) is 1.2988 hect.	As per approved RMP (approved on 31.05.2022)
3p	Production of ROM mineral during the last five year period as applicable	2016-17:53460T 2017-18: No proposal 2018-19:37459T 2019-20:67473T 2020-21:70308T 2021-22:89099T	2016-17:Nil 2017-18: Nil 2018-19:Nil 2019-20:Nil 2020-21:4002.08T 2021-22:10890T	Nil
3q	General remarks of inspecting officers on method of mining etc.			Open cast mining method adopted which is best suited to the type of deposit.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping of OB & mineral waste proposed	As per proposal.	Nil

4b	Location of topsoil, OB and mineral reject dumps	Top soil- no proposal, Waste dump proposed near boundary pillar M.	No top soil dump oobserved. Waste dumped in the old waste dump near boudary pillar T.	Nil
4c	Number of dumps within lease area and outside of lease area	2 dump	2 dump	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Partially within UPL	Partially within UPL	Nil
4e	Number of active and alive dumps.	2	2	Nil
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nop such proposal given.	None	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No specific proposal given during the year 2020-21.	Garlnad drain was there.	Nil
4i	Length of Retaining wall or garland drain all along dumps	No specific proposal given during the year 2020-21.	100m garland drain reported during the year.	Nil
4j	Number of settling ponds	No proposal	None	Nil

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 proposal of backfilling during the year 2020-21.	No backfilling has been carried out during the year 2020-21.	Nil
5b	Area under backfilling of mined out area	No proposal of backfilling during the year 2020-21.	No backfilling has been carried out during the year 2020-21.	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	For plantation	For plantation	Nil

5d	Total area fully reclaimed and rehabilitated	No such proposal given for the year 2020-21.	No area fully reclaimed and rehabilitated.	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Area not matured for backfilling & reclamation.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Annual report on PMCP should be submitted before 1st July of every year for the previous financial year.	PMCP report for the year 2020-21 submitted by email on 31/07/2021.	Nil
6b	Area available for rehabilitation (ha) .	No specific proposal given	Not applicable	Nil
6c	afforestation done (ha).	Year 2020-21: 0.0157 hect.	Not reported correctly.	The afforestation area not reported correctly in the submitted PMCP report 2020-21. hence violation of Rule 26(2) of MCDR 2017 is being issued.
6d	No. of saplings planted during the year	2020-21: 50 nos.	2020-21: 60 nos.	Nil
6e	Cumulative no .of plants	Not specified	483 nos.	Up to 2020-21.
6f	Any other method of rehabilitation	No proposal	None	Nil
6g	Cost incurred on watch and care during the year	Not specified	Approximately Rs. 10000	As reported during the inspection.

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Not applicable	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Not applicable	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal	Not applicable	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Not applicable	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	None	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	50 nos.	60 nos	Year 2020-21.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.0157 hect area during the year 2020-21.	Not reported	Violation of Rule 26(2) of MCDR 2017 is being issued .
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Plantation	Plantation	Nil

6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Is being carried out.	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The afforestation area not reported correctly in the submitted PMCP report 2020-21. hence violation of Rule 26(2) of MCDR 2017 is being issued.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposal given	As per proposal	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical as well as manual	Mechanical as well as manual	Nil
7c	Different grade of mineral sorted out at mines.	Different grades of iron ore.	As per proposal	Nil
7d	Any beneficiation process at mines .	Jaw crusher along with magnetic separator.	As per proposal	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No issue observed related to mineral conservation and beneficiation.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Yes as per proposal	Nil

8b	Concurrent use or storage of topsoil	Plantation	Plantation	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal given	None	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposal given during the year 2020-21.	None during the year.	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	During the year 2020-21 total 50 nos. sapling proposed.	during the year 2020-21 total 60 nos. sapling planted.	Nil
8g	Survival rate	No such proposal given	40%	As per AR 2020-21.
8h	Water sprinkling on roads to control airborne dust	Proposed	Observed.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around mines area is satisfactory.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Annual return submitted up to year 2020-21. Monthly Report submitted up to May 2022 month.	Timely submission.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No details of mining engineer, geologist & mine manager given in AR 2020-21.	At the time of return submission no mining engineer & geologist appointed, however now lessee appointed mining engineer & geologist on part time basis.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given	Seema to be correct.	Nil
9d	Scrutiny of Annual return on afforestation	Details given	Seems to be correct.	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Details furnished	Seems to be correct	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details given	Some discrepancies observed by MMS division, same have been referback.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Details given	Some discrepancies observed by MMS division regarding cost of rproduction, same have been referback.	Nil
9h	Scrutiny of Annual return on fixed assets	Details given	Seems to be correct	Nil
9k	Scrutiny of Annual return on mining machineries	Details given	Seems to be correct.	Nil

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

Date :

(D R GURJAR)

Indian Bureau of Mines