

**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 : **B019**) **Baj V B**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sh.S K Mishra, Mining Engineer
Official with
Designation
- (iv) Date of Inspection : 27-OCT-17
- (v) Prev.inspection date : 16-MAR-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PREETAMPURI**
- (b) **Registration NO.** : **IBM/4851/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : RAJASTHAN
District : SIKAR
Village :
Taluka :
Post office :
Pin Code :
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 : NET RAM GOYAL
WARD NO.-2, SHAHPURA ROAD,
NEEM KA THANA SIKAR SIKAR
RAJASTHAN
Phone:
FAX :

Owner : NET RAM GOYAL
SIKAR RAJASTHAN
Phone:
FAX :

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

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Two bore holes with 10 m depth are proposed.	Two bore holes with 10.5 m depth has been drilled.	
1b	Exploration over lease area for geological axis 1 or 2	Not proposed	Not applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Self, Rs. 36750/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	Not applicable	
1e	Balance reserve as on 01/04/20	412140 tonnes as on 01.04.2017	405678 tonnes as on 01.04.2017	
1f	General remarks of inspecting officers on geology, exploration etc			Exploration has to be carried out over lease area for Geological axis 1 or 2

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	South east side of the pit.	South east side of the pit.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no separate bench is proposed in topsoil. However benches is proposed in OB and mineral.	Separate bench in overburden and mineral has been made.	
2c	Stripping ratio or ore to OB ratio	1: 0.21	1 : 0.11	
2d	Quantity of topsoil generation in m3	Not proposed	900 mt	

2e	Quantity of overburden generation in m3	11880 m3	4275 m3	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Benches to be formed with further advancement.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One pit	As per proposal
3b	Quantity of ROM mineral production proposed	53460 tonnes	Nil as development work is in progress.	
3c	Recovery of sailable/usable mineral from ROM production	80%	No production during 2016-17	
3d	Quantity of mineral reject generation	Not proposed.	Not applicable.	Not proposed
3e	Grade of mineral rejects generation and threshold value declared.	Not proposed	Not applicable.	Not proposed.
3f	Quantity of sub grade mineral generation.	Not proposed.	Not applicable	
3g	Grade of sub grade mineral generation	Not proposed.	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method.	Manual method.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	Not applicable	

3j	Provision of drilling and blasting in mineral benches	Not proposed	Not applicable	
3k	Provision of mining machineries in mineral benches	Excavator & rock breaker for dislodging & removal and loading of ROM	As per proposal.	As per proposal
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	
3m	Total area covered under excavation/pits	1 hect	1 hect	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.21	1:0.11	Less interburden
3o	Total area put in use under different heads at the end of year	1.01 hect	1 hect.	
3p	Production of ROM mineral during the last five year period as applicable	Year 2012-13 = 25740 tonne Year 2013-14 = 38730 tonne Year 2014-15 = 45240 tonne Year 2015-16 = 52260 tonne Year 2016-17 = 53460 tonne	Year 2012-13 = 601 tonne Year 2013-14 = 1345 tonne Year 2014-15 = 27025 tonne Year 2015-16 = 825 tonne Year 2016-17 = Nil	No production is reported during 2016-17
3q	General remarks of inspecting officers on method of mining etc.			Satisfactory.

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 topsoil, OB and mineral reject is proposed.	As per proposal.	

4b	Location of topsoil, OB and mineral reject dumps	Towards pillar M	Towards pillar M	
4c	Number of dumps within lease area and outside of lease area	One dump	One dump within the lease out side UPL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	SW part of lease area.	As per proposal	
4e	Number of active and alive dumps.	One	One active dump.	
4f	Number of dead dumps.	None	None	
4g	Number of dumps established.	Not proposed.	Not applicable	
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes	Yes	
4i	Length of Retaining wall or garland drain all along dumps	Not specified.	Not applicable	
4j	Number of settling ponds	Not proposed	Not applicable	
4k	Specific comments of inspecting officer on waste dump management			Mining is being carried out as per proposal.

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 backfilling is proposed	Not applicable	
5b	Area under backfilling of mined out area	No backfilling is proposed	Not applicable	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No backfilling is proposed	Not applicable	
5d	Total area fully reclaimed and rehabilitated	No backfilling is proposed	Not applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No area is matured for backfilling.

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).	Annual report on PMCP submitted on time and correctly.	Not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6b	Area available for rehabilitation (ha) .		Report not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6c	afforestation done (ha).		Report not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6d	No. of saplings planted during the year	125 saplings to be planted.	400 saplings planted.	
6e	Cumulative no .of plants		Report not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6f	Any other method of rehabilitation		Report not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6g	Cost incurred on watch and care during the year		Report not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D		Report not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings		Report not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area		Report not submitted	Violation of rule 26(2) of MCDR,2017 is being issued.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir		Report has not been submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.		Report not submitted.	Violation of rule 26(2) of MCDR,2017 is being issued.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation		Report not submitted	Violation of rule 26(2) of MCDR,2017 is being issued.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)		Report not submitted	Violation of rule 26(2) of MCDR,2017 is being issued.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation		Report has not been submitted	Violation of rule 26(2) of MCDR,2017 is being issued.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yearly	yearly	

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Report has not been submitted	Violation of rule 26(2) of MCDR,2017 is being issued.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not proposed.	Not applicable	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed.	Not applicable	
7c	Different grade of mineral sorted out at mines.	Not proposed	Not applicable	
7d	Any beneficiation process at mines	Not proposed	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Not applicable.	Not proposed.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No topsoil available, No proposal.	Not applicable	
8b	Concurrent use or storage of topsoil	No proposal	Top soil is used for plantation.	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed.	Not applicable.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Plantation of 125 saplings is proposed.	400 saplings have been planted.	
8g	Survival rate	Not proposed.	49% survival rate.	
8h	Water sprinkling on roads to control airborne dust	Tractor trolley with water sprinkling system is proposed.	Tractor trolley with water sprinkling system is present at the mine site.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			General asthetic beauty in and around mine area is good.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual returns submitted in time.	Monthly returnn upto Sep. 2017 and Annual return of 2016-17 has been submitted.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not given	Mining Engineer, Geologist has not been appointed.	Violation of Rule 55 of MCDR,2017 is being pointed out.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given	Details given	
9d	Scrutiny of Annual return on afforestation	Details given	400 saplings have been planted.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Details given	Details given	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details given	Details given	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Details given	Details given	
9h	Scrutiny of Annual return on fixed assets	Details given	Details given	
9k	Scrutiny of Annual return on mining machineries	Details given	Details given	

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 :

(Baj V B)

Indian Bureau of Mines