

**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 : **T001**) **Tardia K.K.**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 16-MAR-17
- (v) Prev.inspection date : 21-AUG-15

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PREETAMPURI**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : RAJASTHAN
District : SIKAR
Village :
Taluka :
Post office :
Pin Code :
FAX No. : Not available
E-mail : Not available
Phone : 9414036691
- (f) Police Station :
- (g) First opening date : 24-DEC-01
- (h) Weekly day of rest :
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 boreholes with 10 m depth are proposed.	Not done	Violation of rule 11(2) has been pointed out
1b	Exploration over lease area for geological axis 1 or 2	na	na	na
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed.	na	na
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed.	na	na
1e	Balance reserve as on 01/04/20	412140 t	405678 t	
1f	General remarks of inspecting officers on geology, exploration etc	exploration proposed	not done	Violation of rule 11(2) has been pointed out

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	single pit	single pit	As per proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no top soil, hence no Separate benches in topsoil is proposed. Separate benches in overburden and mineral has been proposed.	Separate benches in overburden and mineral has been formed but benches have not been advanced in eastern and western side of the pit.	Violation of rule 11(2) has been pointed out
2c	Stripping ratio or ore to OB ratio	1:0.21	1:0.11	
2d	Quantity of topsoil generation in m3	nil	nil	

2e	Quantity of overburden generation in m3	11880cub m	4275 cub m	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	benches to be formrd with advancement.	benched not advanced	Violation of rule 11(2) has been pointed out

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	As per proposal
3b	Quantity of ROM mineral production proposed	53460	825 t	
3c	Recovery of sailable/usable mineral from ROM production	80%	80%	
3d	Quantity of mineral reject generation	Not proposed.	na	Not proposed.
3e	Grade of mineral rejects generation and threshold value declared.	Not proposed.	na	Not proposed.
3f	Quantity of sub grade mineral generation.	Not proposed.	na	na
3g	Grade of sub grade mineral generation	Not proposed.	na	na
3h	Manual / Mechanised method adopted for segregating from ROM	manual	manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed.	na	

3j	Provision of drilling and blasting in mineral benches	Not proposed.	na	
3k	Provision of mining machineries in mineral benches	Excavator & rock breaker for Dislodging & Removal & 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	As per proposal
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	
3o	Total area put in use under different heads at the end of year	10.1 hect	1 hect	
3p	Production of ROM mineral during the last five year period as applicable		Yr-2011-12 =227t Yr-2012-13=601t Yr-2013-14=1345t Yr-2014-15=27025t Yr2015-16=825t	
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 & Mineral Reject Are Proposed	As per proposal Ob	As per proposal
4b	Location of topsoil, OB and mineral reject dumps	As per Mining Plan	As per Mining Plan	

4c	Number of dumps within lease area and outside of lease area	1	1	As per proposal
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	SW part of Lease area	As per proposal	As per proposal
4e	Number of active and alive dumps.	1	1	
4f	Number of dead dumps.	nil	na	
4g	Number of dumps established.	Not proposed.	na	
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.	na	
4j	Number of settling ponds	Not Specified.	na	
4k	Specific comments of inspecting officer on waste dump management			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 back filling is proposed.	na	
5b	Area under backfilling of mined out area	No back filling is proposed.	na	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No back filling is proposed.	na	

5d	Total area fully reclaimed and rehabilitated	No back filling is proposed.	na	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No back filling is proposed.	na	No back filling is proposed.

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) has been pointed out.
6b	Area available for rehabilitation (ha) .		na	violation of rule 26(2) has been pointed out.
6c	afforestation done (ha).		na	violation of rule 26(2) has been pointed out.
6d	No. of saplings planted during the year		na	violation of rule 26(2) has been pointed out.
6e	Cumulative no .of plants		na	violation of rule 26(2) has been pointed out.
6f	Any other method of rehabilitation		na	violation of rule 26(2) has been pointed out.
6g	Cost incurred on watch and care during the year		na	violation of rule 26(2) has been pointed out.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D		na	violation of rule 26(2) has been pointed out.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings		na	violation of rule 26(2) has been pointed out.

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	na		violation of rule 26(2) has been pointed out.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	na		violation of rule 26(2) has been pointed out.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	na		violation of rule 26(2) has been pointed out.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	na		violation of rule 26(2) has been pointed out.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	na		violation of rule 26(2) has been pointed out.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	na		violation of rule 26(2) has been pointed out.
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.	Not Submitted .		violation of rule 26(2) has been pointed out.

Mineral Conservation:

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

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil available, no proposal	na	
8b	Concurrent use or storage of topsoil	No top soil available, no proposal	na	
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.	na	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed.	na	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not proposed.	na	
8g	Survival rate	60%	40%	
8h	Water sprinkling on roads to control airborne dust	Tractor trolly with Water sprinkling system is present at the mine site.	Tractor trolly 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 aesthatic beauty of area is good.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	given	M.R. Submitted up to - Feb 2017 A.R. submitted up to- year 2016	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Given	Given
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	Given	Given

9d	Scrutiny of Annual return on afforestation	Given	Given	Given
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Given	Given	Given
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	Given	Given
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Given	Given	Given
9h	Scrutiny of Annual return on fixed assets	Given	Given	Given
9k	Scrutiny of Annual return on mining machineries	Given	Given	Given

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

Date :

(Tardia K.K.)

Indian Bureau of Mines