

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/JHN- 16/IO-4

Mine code : 30RAJ17004

- (i) Name of the Inspecting : **T001**) **Tardia K.K.**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : parteeek Agrwal, Repr. of lessee
Official with
Designation
- (iv) Date of Inspection : 26-DEC-16
- (v) Prev.inspection date : 30-NOV-15

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAMALPURA**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : RAJASTHAN
District : JHUNJHUNU
Village : JAMALPURA
Taluka : KHETRI
Post office : KHETRI
Pin Code :
FAX No. : 01412394400
E-mail : prateekminerals@yahoo.com
Phone : 01412394440
- (f) Police Station :
- (g) First opening date : 29-MAY-94
- (h) Weekly day of rest : SUN
2. Address for : M/s Prateek Minerals
correspondance : 20/204 Kaveri Path, Mansarovar
Jaipur
3. (a) Lease Number : RAJ0033
- (b) Lease area : 5
- (c) Period of lease : 50
- (d) Date of Expiry : 07-MAY-56
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : M/s Prateek Minerals
20/204 Kaveri Path
Mansarovar JAIPUR
RAJASTHAN
Phone:01412394440
FAX :01412394400

Owner : M/s Prateek Minerals
20/204 Kaveri Path,
Mansarovar Jaipur JAIPUR
RAJASTHAN
Phone: 01412394440
FAX : 01412394400

6. Date of approval of Mining Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	15-FEB-05
		FMCP under 23C(1)	07-JUL-10
		Modif.of approved Mining Plan	22-FEB-11
		MP modif under MCR 1960	20-AUG-15

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not proposed	na	
1b	Exploration over lease area for geological axis 1 or 2	No Proposal	na	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No Proposal	na	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposal	na	
1e	Balance reserve as on 01/04/20	1571720 ton		No proposal for exploration, therefore remaining reserves are 1571720 ton
1f	General remarks of inspecting officers on geology, exploration etc			Since, there are no proposal for exploration in the approved Mining Plan Approved on 20.08.2015, the remarks on geology, exploration etc are same as described in the Approved Mining Plan.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development from 361 to 355 mRl in the western and Eastern part of the Lease area.	Developed as per proposal but benches has not been advanced .	violation of rule 13(1) has been pointed out.

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.	There is no top soil, hence no Separate benches in topsoil is required. Separate benches in overburden and mineral has been maintained.	
2c	Stripping ratio or ore to OB ratio	1:1.32	1:1	
2d	Quantity of topsoil generation in m3	There is no top soil.	na	na
2e	Quantity of overburden generation in m3	14100	500	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Against the targeted production of 42,720 ton, only 400 ton could be mined out. Due to poor market production could not be achieved	Against the targeted production of 42,720 ton, only 400 ton could be mined out. Due to poor market production could not be achieved

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2	1	
3b	Quantity of ROM mineral production proposed	25630	400	
3c	Recovery of sailable/usable mineral from ROM production	80%	80%	
3d	Quantity of mineral reject generation	nil	nil	
3e	Grade of mineral rejects generation and threshold value declared.	nil	na	

3f	Quantity of sub grade mineral generation.	No Proposal	na	
3g	Grade of sub grade mineral generation	No Proposal	na	
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	na	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal	na	
3j	Provision of drilling and blasting in mineral benches	No Proposal	na	
3k	Provision of mining machineries in mineral benches	Excavator & rock breaker for Dislodging & Removal & Loading of ROM	Excavator & rock breaker for Dislodging & Removal & Loading of ROM	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 Mts	6 Mts	
3m	Total area covered under excavation/pits	1.12 Hectares as proposed for the 5 Years	1	
3n	Ore to OB ratio for the pit/mine during the year.	1:1.32	1	
3o	Total area put in use under different heads at the end of year	np	na	
3p	Production of ROM mineral during the last five year period as applicable			Yr-2011-12 180 Ton Yr-2012-13 27500 Ton Yr-2013-14 19800 Ton Yr-2014-15 25500 Ton Yr2015-16 400 Ton

3q	General remarks of inspecting officers on method of mining etc.	Against the targeted production of 42,720 ton, only 400 ton could be mined out. Due to poor market production could not be achieved
----	---	---

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 & Mineral Reject Are Proposed In The Mining Plan	Separate dumping as per proposal.	as per proposal.
4b	Location of topsoil, OB and mineral reject dumps	NW side in the lease area.	NW side in the lease area.	As per proposal
4c	Number of dumps within lease area and outside of lease area	One external dump is proposed in the lease area, No dump is proposed outside the lease area.	As per proposal.	As per proposal.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	In the Northern part of Lease area along the Line O-P of the lease area.	As per proposal	As per proposal
4e	Number of active and alive dumps.	1	1	
4f	Number of dead dumps.	Nil	na	na
4g	Number of dumps established.	Nil	na	
4h	Whether Retaining wall or garland drain all along dumps are there.	yes	As per proposal	As per proposal
4i	Length of Retaining wall or garland drain all along dumps	65 Mts	As per proposal	As per proposal

4j	Number of settling ponds	na	na	na
4k	Specific comments of inspecting officer on waste dump management			There is one external dump is proposed in the lease area, No dump is found outside the lease area, Retaining wall was found in the area

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	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)	There is no top soil	na	
5d	Total area fully reclaimed and rehabilitated	no proposal	na	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No back filling is proposed. It is proposed to sell the OB as construction aggregate, however, at present no ob is sold.

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).		Not Submitted .	violation of rule 23(E)(2) has been pointed out.
6b	Area available for rehabilitation (ha) .	not proposed	na	
6c	afforestation done (ha).	0.03 Hect.	0.03 Hect.	
6d	No. of saplings planted during the year	50 Plants	50 Plants	
6e	Cumulative no .of plants	600 Approx.	600 Approx.	As per proposal
6f	Any other method of rehabilitation	NA	NA	
6g	Cost incurred on watch and care during the year	Rs50,000	Rs50,000	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No back filling proposed	na	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NA	NA	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	na	na	

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	na	na
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No Proposal	na
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposal	na
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposal	na
6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposal	Environmental Clearance is yet to be obtained & work is discontinued in want of EC. Environmental monitoring shall be carried out after commencement of Mining operations.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		The Mine operations are closed in want of EC, and there is no proposal in PMCP for closure at present.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	42700 ton	400 ton	No dispatch during the year
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Nil	

7c	Different grade of mineral sorted out at mines.	Low grade and high grade is proposed to be sorted out	na	
7d	Any beneficiation process at mines	No Proposal	na	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The Mine operations are closed in want of EC, and there is no proposal in PMCP for closure at present.

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)	Separate dumps for overburden, waste rock, rejects and fines are proposed	Negligible production of ore & no generation of OB	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No back filling is 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)	At present there are 600 survived plants in around the mining lease area	At present there are 600 survived plants in around the mining lease area	As per proposal
8g	Survival rate	70%	50%	
8h	Water sprinkling on roads to control airborne dust	Tractor trolley with Water sprinkling system is present at the mine site.	As per proposal	As per proposal
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No back filling is proposed. It is proposed to sell the OB as construction aggregate, however, at present no OB is sold. At present, the Mining operations are temp. discontinued want of EC .

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted online up to - Jan 2017 A.R. has not been submitted for the year 2015- 2016		Violation of rule 45(5)(b) has been pointed out.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Violation of rule 45(5)(b) has been pointed out.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		Violation of rule 45(5)(b) has been pointed out.	
9d	Scrutiny of Annual return on afforestation		Violation of rule 45(5)(b) has been pointed out.	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Violation of rule 45(5)(b) has been pointed out.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Violation of rule 45(5)(b) has been pointed out.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Violation of rule 45(5)(b) has been pointed out.
9h	Scrutiny of Annual return on fixed assets	Violation of rule 45(5)(b) has been pointed out.
9k	Scrutiny of Annual return on mining machineries	Violation of rule 45(5)(b) has been pointed out.

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