

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** Raj./Bar-37/SE-18

**Mine code :** 97RAJ04011

- (i) Name of the Inspecting : **26** ) **Nishant kumar rao**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sh Bhawani Singh  
Official with  
Designation
- (iv) Date of Inspection : 25-JUL-24
- (v) Prev.inspection date : 26-NOV-18

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BARIYARA(05/10)**
- (b) **Registration NO.** : **IBM/15390/2013**
- (c) Category : A Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : RAJASTHAN  
District : BARMER  
Village : BARIYARA  
Taluka : SHEO  
Post office : SHIVE  
Pin Code :  
FAX No. :  
E-mail : vinod@haritsons.com  
Phone : 9829076622
- (f) Police Station : Shiv
- (g) First opening date : 24-APR-14
- (h) Weekly day of rest : SUN
2. Address for : M/S HARITSONS MINITECH PVT LTD,  
correspondance : Village- Bariyara, Tehsil- Shiv,  
District- Barmer - 344701, Rajasthan
3. (a) Lease Number : RAJ5214
- (b) Lease area : 4.5
- (c) Period of lease : 50
- (d) Date of Expiry : 23-APR-64
4. Mineral worked : SILICEOUS EARTH Main

## 5. Name and Address of the

Lessee : HARITSONS MINITECH PVT LTD  
NANDANM-II, A-2, TILAK  
MARG, C-SCHEME JAIPUR  
RAJASTHAN  
Phone:  
FAX :

Owner : Vinod Haritwal  
Sh. Vinod Haritwal,  
Nandnum- II, A-2, Tilak  
Marg, C- Scheme, Jaipur  
JAIPUR RAJASTHAN  
Phone: 9829076622  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	20-DEC-13
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	11-FEB-19

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Noexploration Proposedduring The year 2023-24	Nil	
1b	Exploration over lease area for geological axis 1 or 2	na	na	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	na	na	
1d	Balance area to be explored to bring Geological axis in 1 or 2	na	na	
1e	Balance reserve as on 01/04/20	46888 t under Provedmineral Reserves (111) and 30275 t under Probable Mineralreserve (121/122)	As proposed	
1f	General remarks of inspecting officers on geology, exploration etc			Nil

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Near Pillar "A" at 100W	as proposed	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes, separatebenches proposed in overburden and mineral	As proposed	
2c	Stripping ratio or ore to OB ratio	1:0.981	as proposed	

2d	Quantity of topsoil generation in m3	no top soil proposal	na	
2e	Quantity of overburden generation in m3	2350 cub mtr	No OB generaetd during RY 23-24	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Nil

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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	3000 t during the year 2023-24	nil	
3c	Recovery of sailable/usable mineral from ROM production	90% recovery was proposed.	No working during RY	
3d	Quantity of mineral reject generation	300 cu.m. of mineral reject was expected during the year 2023-24	No reject generation reported during the year 2023-24	
3e	Grade of mineral rejects generation and threshold value declared.	na	na	
3f	Quantity of sub grade mineral generation.	na	na	
3g	Grade of sub grade mineral generation	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.	na	na	
3j	Provision of drilling and blasting in mineral benches	na	na	
3k	Provision of mining machineries in mineral benches	Yes proposed	No machinery deployed for the purpose wining mineral	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 1m to 3 mheight proposed inoverburden aswell asmineral	as proposed	
3m	Total area covered under excavation/pits	0.644 hect	0.1215 hecets. Area covered under pit.	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.981	as above	
3o	Total area put in use under different heads at the end of year	O/C pits:0.644 ha. Mineral Stack: 0.30 ha. O/b Dump:0.07 ha Roads: 0.14ha	O/C pits:0.644 ha. Mineral Stack: 0.30 ha. O/b Dump:0.07 ha Roads: 0.14ha	
3p	Production of ROM mineral during the last five year period as applicable	2019-20: 2700T 2020-21: 2970T 2021-22: 2985T 2022-23: 3000 T 2023-24: 3000 T	2019-20: 0 T 2020-21: 0 T 2021-22: 0 T 2022-23: 200 T 2023-24: 0	
3q	General remarks of inspecting officers on method of mining etc.			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)	Simultaneous backfilling proposed	as per proposal	
4b	Location of topsoil, OB and mineral reject dumps	Simultaneous backfilling proposed	as proposed	
4c	Number of dumps within lease area and outside of lease area	no such proposal	na	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	na	na	
4e	Number of active and alive dumps.	na	na	
4f	Number of dead dumps.	na	na	
4g	Number of dumps established.	na	na	
4h	Whether Retaining wall or garland drain all along dumps are there.	na	na	
4i	Length of Retaining wall or garland drain all along dumps	na	na	
4j	Number of settling ponds	na	na	
4k	Specific comments of inspecting officer on waste dump management			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.	Full extraction of mineral	as proposed	

5b	Area under backfilling of mined out area	1779 sq mtr	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	yes	as proposed	
5d	Total area fully reclaimed and rehabilitated	1779 sq mtr	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			deviation point out to lesee during RY no working was carried out

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).	YES	YES	
6b	Area available for rehabilitation (ha) .	NA	NA	
6c	afforestation done (ha).	0.1 ha	0.02 ha of area has been covered underafforestation program	
6d	No. of saplings planted during the year	50 saplings	50 saplings	
6e	Cumulative no .of plants	150 sapling	total 75 survived in area ,as this is in desert area .	
6f	Any other method of rehabilitation	na	na	
6g	Cost incurred on watch and care during the year	rs 20000	rs 20000	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	1249 sq mtr	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	1249 sq mtr	nil
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	50	50
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	na	na
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	na	na

6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	yes	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			deviation point out to lessee

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	3000 t of ROM during the year 2023-24	nil	deviation point out to lessee
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	na	na	
7c	Different grade of mineral sorted out at mines.	na	na	
7d	Any beneficiation process at mines	na	na	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			deviation pointed out to lessee

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	

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8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	YES	YES	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	YES	No such activity commenced during theyear 2023-24	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	150	75N WITHIN LEASE AND 15 OUTSIDE	
8g	Survival rate	50 %	50 %	
8h	Water sprinkling on roads to control airborne dust	yes	yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			deviation point out to lesee

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. submitted up to DEC 2024 A.R. Submitted for 2023-24.	Submitted within time	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer : Shri Rakesh Choudhary No geologist	No geologist being appointed	violation given for the same
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Zero information furnished in the AR for the year 2023-24		deviation point to lessee
9d	Scrutiny of Annual return on afforestation	Number of trees planted during the year: 50 (WML) 50 (OML)	as above	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No reject generation reported during the year 2023-24	no working for RY 23-24 being shown	deviation point out to lessee
9f	Scrutiny of Annual return on ROM stock and/or graded ore	39 tROM stock at start of year is 511.260 t and dispatched is 117.870 closing is 393.	as above	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex mine price shown 577/-		deviation point out to lessee
9h	Scrutiny of Annual return on fixed assets	nil information shown		deviation point out to lessee
9k	Scrutiny of Annual return on mining machineries	nil information given		deviation point out to lessee

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**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 :**

(Nishant kumar rao)

Indian Bureau of Mines