

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

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/JHUN-06/IO-01

**Mine code :** 30RAJ17012

- (i) Name of the Inspecting : **G021** ) **D R GURJAR**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sh. Dharendra Sing, Owner's Representative & Sh. Govin  
Official with  
Designation
- (iv) Date of Inspection : 02-JUN-22
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BAGOLI 10/98**
- (b) **Registration NO.** : **IBM/22436/2018**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address  
State : RAJASTHAN  
District : JHUNJHUNU  
Village : Bagoli  
Taluka : Udaipurwati  
Post office : Bagoli  
Pin Code : 370410  
FAX No. : 029352411111  
E-mail : drrathore333@gmail.com  
Phone : 029352411111
- (f) Police Station : UDAIPURWATI
- (g) First opening date : 01-NOV-02
- (h) Weekly day of rest : SUN
2. Address for : M/s Nilkhanth Concast Pvt Ltd.  
correspondance : 403, Ward-6C, Opposite Om Complex, Adipur  
Kuchh(Gujarat) 370205
3. (a) Lease Number :  
(b) Lease area :  
(c) Period of lease :  
(d) Date of Expiry :
4. Mineral worked :

## 5. Name and Address of the

Lessee : M/S NILKANTH CONCAST PRIVATE LIMITED  
BBZ-M-66 GANDHI DHAM KUTCH  
GUJARAT  
Phone:2838283495  
FAX :

Owner : Dhirendra Singh  
M/s Nilkhant Concast Pvt  
Ltd. Nilkhant House, Firts  
Floor, 403 Ward 6C, Adipur  
KUTCH GUJARAT  
Phone:  
FAX :

## Mining Engineer

Name : Anand Kumar Pandey,Part Time  
Qualification : B Tech Mining  
Appointment/ : 28-MAY-22  
Termination date

## Geologist

Name : Akhilanad Bhargav,Part Time  
Qualification : MSC Geology  
Appointment/ : 28-MAY-22  
Termination date

6. Date of approval of Mining :  
Plan/Scheme of Mining

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal during the year 2020-21.	None during the last year.	Exploration was proposed by way of 5 bore holes (500m) during the year 2018-19 but no exploratory drilling has been carried out. Mine is not working since long time. Mine is suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for lease termination to the State Govt. vide letter dated 06.12.2021.
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposal during the year 2021-22.	None during the reporting year.	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No exploration proposal during the year 2021-22.	None during the reporting year.	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	No such proposal given for the year 2021-22.	None during the RY 2021-22.	As per recent approved RMP (approved on 08.07.2022) total lease area 4.975 hect. (Area under G1-0.98 hect., Unexplored Area- 3.965 hect.). Exploration proposal incorporated in recent approved RMP as per MEMC Rules 2015 during the year 2022-23.
1e	Balance reserve as on 01/04/20	No such proposal given.	As per recent approved RMP (approved on 08.07.2022), the position of reserve: 111-349050 tonnes.	Nil

1f	General remarks of inspecting officers on geology, exploration etc	Exploration was proposed by way of 5 bore holes (500m) during the year 2018-19 but no exploratory drilling has been carried out. Mine is not working since long time. Mine is suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for termination to the State Govt. vide letter dated 06.12.2021. As per recent approved RMP Exploration proposal incorporated during the year 2022-23 as per MEMC Rules 2015 norms.
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## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	During the year 2021-22, mine development proposed in existing two old pits situated towards eastern & western side of the lease area.	No mine development has been carried out.	Mine is not working since long time. Mine is suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for lease termination to the State Govt. vide letter dated 06.12.2021.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes proposal given for OB & mineral benches.	No mine development work has been carried out for the last many years.	Mine is not working since long time. Mine is suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for lease termination to the State Govt. vide letter dated 06.12.2021.
2c	Stripping ratio or ore to OB ratio	Year 2021-22: 4:1	None during the year.	Nil
2d	Quantity of topsoil generation in m3	2021-22: No proposal	2021-22: Not generated.	Nil
2e	Quantity of overburden generation in m3	2021-22: 8280m3	2021-22: 0m3	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine is not working since long time. Mine is suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for lease termination to the State Govt. vide letter dated 06.12.2021.

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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2021-22: 02 pits proposed.	No production has been carried out during the RY. 2 old pits are there.	Mine is not working since long time. Mine is suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for lease termination to the State Govt. vide letter dated 06.12.2021.

3b	Quantity of ROM mineral production proposed	2021-22: 129170 tonnes.	2021-22: Nil	Nil
3c	Recovery of sailable/usable mineral from ROM production	2021-22: 129170 tonnes.	2021-22: Nil	Nil
3d	Quantity of mineral reject generation	2021-22: No proposal	2021-22: Not generated.	Nil
3e	Grade of mineral rejects generation and threshold value declared.	2021-22: No proposal	2021-22: Not generated hence not applicable.	Nil
3f	Quantity of sub grade mineral generation.	2021-22: No proposal	2021-22: Not generated.	Nil
3g	Grade of sub grade mineral generation	2021-22: No proposal	2021-22: Not generated hence not applicable.	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No such proposal given	Not applicable	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposal given for the year 2021-22.	None during the reporting year.	Nil
3j	Provision of drilling and blasting in mineral benches	Yes provision given	No drilling & blasting has been carried out during the reporting year.	Nil
3k	Provision of mining machineries in mineral benches	Yes mine machinery provision given.	Not deployed during the year.	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	No work has been carried out during the RY.	Nil

3m	Total area covered under excavation/pits	It is proposed that at the end of year 2021-22 total 1.5 hect area will be covered under mining pits.	As per recent approved RMP (approved on 08.07.2022) total area covered under mining pits is 0.98 hect.	Nil
3n	Ore to OB ratio for the pit/mine during the year.	2021-22: 4:1	2021-22: Nil	Nil
3o	Total area put in use under different heads at the end of year	1.85 hect. (up to year 2021-22)	1.21 hect. (up to year 2021-22 as per recent approved RMP)	Nil
3p	Production of ROM mineral during the last five year period as applicable	2017-18: No proposal 2018-19: 91730 T, 2019-20: 124020 T, 2020-21: 122300 T, 2021-22: 129170 T	2017-18: Nil 2018-19: Nil 2019-20: Nil 2020-21: Nil 2021-22: Nil	No production reported during the last five years.
3q	General remarks of inspecting officers on method of mining etc.			Mine is not working for last many years, earlier open cast mining method adopted which is best suited to the type of deposit.

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes proposal given for separate dumping of OB.	No waste dumping has been carried out during the reporting year 2021-22.	Nil
4b	Location of topsoil, OB and mineral reject dumps	Top soil-No proposal, OB-The proposed dump in Central NW side of the lease area. Mineral reject- No proposal	Top soil-No generation OB-Not generated during the year, however old OB dump located near pit no. 1 towards south westerns side of the lease area. Mineral reject- No generation	Nil

4c	Number of dumps within lease area and outside of lease area	Year 2021-22: 01 new OB dump proposed & 01 is old dump.	One old small waste dump loacated within lease area.	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	Withil UPL	Nil
4e	Number of active and alive dumps.	02	01	Nil
4f	Number of dead dumps.	No proposal	None	Nil
4g	Number of dumps established.	No proposal	None	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No such proposal given	None during the year	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal during the year 2021-22.	None during the year	Nil
4j	Number of settling ponds	No proposal	None	Nil
4k	Specific comments of inspecting officer on waste dump management			No issue observed related to waste dump management. Mine is not working since log time.

#### 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 given during the year 2021-22.	None during the year.	Nil
5b	Area under backfilling of mined out area	No proposal of backfilling during the year 2021-22.	None during the year	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No top soil generation proposal given during the year.	No top soil generated during the year.	Nil



5d	Total area fully reclaimed and rehabilitated	No such proposal given during the year 2021-22.	None	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No backfilling & reclamation proposed nor carried out. Mine is not working since long time.

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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).	As per rule 26(2) of MCDR 2017, PMCP report should be submitted up to 1st July for the previous financial year.	No PMCP report submitted for the year 2021-22.	Mine is not working since long time and suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for lease termination to the State Govt. vide letter dated 06.12.2021. The current inspection has been carried out for RMP.
6b	Area available for rehabilitation (ha) .	No such proposal given for the year 2021-22.	None during the year.	Nil
6c	afforestation done (ha).	2021-22: 0.175 hect.	Nom plantation has been carried out during the RY.	Nil
6d	No. of saplings planted during the year	2021-22: 50 nos. sapling proposed	2021-22: None during the year	Nil
6e	Cumulative no .of plants	No such proposal given	As per approved RMP (approved on 08.07.2022) total 100 sapling planted till 2021-22.	Nil
6f	Any other method of rehabilitation	No such proposal given.	None during the year	Nil
6g	Cost incurred on watch and care during the year	No specific proposal given for the year 2021-22.	None during the year 2021-22.	Nil

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No backfilling proposal given for the year.	None during the year	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal during the year 2021-22.	None during the year 2021-22.	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal during the year 2021-22.	None during the year 2021-22.	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	None	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	During the year 2021-22, plantation was proposed over an area 0.175 hect area.	No plantation has been carried out during the year.	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No such proposal given during the year 2021-22.	None during the year 2021-22.	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Plantation	None	Nil

6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Not reported	Mine is not working since long time and suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for lease termination to the State Govt. vide letter dated 06.12.2021.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine is not working since long time and suspended under MCDR 1988 vide letter dated 26.11.2014 subsequently recommended for lease termination to the State Govt. vide letter dated 06.12.2021.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	It is proposed that all ROM mineral will be disptached.	No mineral disptached during the year 2021-22.	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No such proposal given.	None during the year.	Nil
7c	Different grade of mineral sorted out at mines.	No proposal	None	Nil
7d	Any beneficiation process at mines	No proposal	None	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No issue observed related to mineral conservation & beneficiation.

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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation proposal given during the year 2021-22.	No top soil generated during the reporting year.	Nil
8b	Concurrent use or storage of topsoil	No top soil generation proposal given.	No top soil generated during the year.	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes proposal of OB dump given.	No OB generated during the reporting year.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal given during the reprotng year.	None during the year.	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	None during the year	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	50 nos. sapling proposed during the year 2021-22.	No sapling reported during the year	Nil
8g	Survival rate	No proposal given in this regard.	Not reported	Nil
8h	Water sprinkling on roads to control airborne dust	Proposed	Not observed	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The general aesthetic beauty in and around minera area is satisfactory.

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual return submmitted for the year2021-22. Monthly return submitted up to July 2022.	Timely submission of AR 2021-22.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No detail furnished in AR 2021-22.	Part time Mining Engineer & geologist appointed on 28.05.2022	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given.	Seems 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)	No mineral reject generation.	seems correct.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM stock 183.90 tonnes	Seems corrected.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Prodcution Cost- Nil	No production reported during the year.	Nil
9h	Scrutiny of Annual return on fixed assets	Value of Fixed assets-0	No fixed assets observed.	Nil
9k	Scrutiny of Annual return on mining machineries	No mine machinary details furnished.	No machineries deployment observed.	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