

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

MCDR inspection REPORT

Kolkata regional office

Mine file No : CAL/BH/SB/LST-36

Mine code : 38BHR27008

- (i) Name of the Inspecting : **E025**) **NAMAN EKKA**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : B L Newatia, Lessee
Official with
Designation
- (iv) Date of Inspection : 06/02/2020
- (v) Prev.inspection date : 12/09/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KAMARHATU (2.508 HA)**
- (b) **Registration NO.** :
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : JHARKHAND
- District : SINGHBHUM (WEST)
- Village : KAMARHATU
- Taluka : CHAIBASA SADAR
- Post office : CHAIBASA
- Pin Code : 833201
- FAX No. :
- E-mail : bnewatia@cal3.vsnl.net in
- Phone :
- (f) **Police Station** :
- (g) **First opening date** : 05/04/1976
- (h) **Weekly day of rest** : TUE
2. **Address for** : PO: KAMARHATU .
correspondance DIST : WEST SINGHBHUM .
JHARKHAND .
3. (a) **Lease Number** : BHR0035
- (b) **Lease area** : 9.3
- (c) **Period of lease** : 9
- (d) **Date of Expiry** : 04/04/1999
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : BANWARI LAL NEWATIA
SHRI BANWARILAL NEWATIA
CIRCUIT HOUSE ROAD, TOONGRY
CHAIBASA-833 201 SINGHBHUM
(WEST) JHARKHAND
Phone: 06582-256096/097/596/256712(w)
FAX : 06582-252097

Owner : BANWARILAL NEWATIA
POST BOX NO.- 5 CIRCUIT
HOUSE ROAD P.O. - CHAIBASA
SINGHBHUM (WEST) JHARKHAND
Phone: 06582-256596,
FAX : 06582-256096/09

Agent : S. S. Bera
C/O Shri B. L. Newatia At &
Post : Chaibasa Distt :
Singhbhum West SINGHBHUM
(WEST) JHARKHAND
Phone:
FAX :

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 for Exploration during 2018-19	No exploration work done.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
1b	Exploration over lease area for geological axis 1 or 2	No proposal of exploration during 2018-19.	The mine is explored under G2 category.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal for exploration in 2018-19	No exploration work done during 2018-19, how ever there was proposal to drill 02 BH during 2016-17, but no exploration was carried out.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal to drill the entire area under G1 or G2	No exploration work done	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
1e	Balance reserve as on 01/04/20	Reserves as on 01/04/2019	122 - 0.761 MT 222 - 0.575 MT	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

1f	General remarks of inspecting officers on geology, exploration etc	No exploration work has been carried out from 2015-16 to 2019-20	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	During 2018-19 there was proposal for development along section line S 200 to S 250 within working RL's 205.50 to 200.00 & 200.00 to 194.00.	No development during 2018-19 has been carried out. During the inspection entire PIT was full of water	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is propoal for seperate benches in topsoil, overburden and mineral.	During the inspection entire PIT was full of water	
2c	Stripping ratio or ore to OB ratio	1: 0.1	During the inspection entire PIT was full of water	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
2d	Quantity of topsoil generation in m3	No proposal for Top soil Generation during 2018-19	During the inspection entire PIT was full of water	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

2e	Quantity of overburden generation in m3	No proposal for OB Generation during 2018-19	During the inspection entire PIT was full of water	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		During the inspection entire PIT was full of water	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	During 2018-19 Ther was only One pit proposed for production	During the inspection entire PIT was full of water	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
3b	Quantity of ROM mineral production proposed	Total ROM Production - 21392 Cum.	During the inspection entire PIT was full of water. No ROM Mineral Production has been carried out during 2018-19	
3c	Recovery of sailable/usable mineral from ROM production	There was no prposal for Recovery of sailable/usabl e mieral from ROM.	No work has been carried out. During the inspection entire PIT was full of water.	
3d	Quantity of mineral reject generation	There was no proposal for mineral reject generation.	No work has been carried out. During the inspection entire PIT was full of water.	

3e	Grade of mineral rejects generation and threshold value declared.	No proposal for grade of mineral reject generation.	No work has been carried out. During the inspection entire PIT was full of water. For Limestone CaO- 34% (Min.) and MgO-5% (Max.) is the declared threshold value.	
3f	Quantity of sub grade mineral generation.	NO proposal for subgrade mineral generation	No work has been carried out. During the inspection entire PIT was full of water.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
3g	Grade of sub grade mineral generation	No proposal for sub grade mineral generation	No work has been carried out. During the inspection entire PIT was full of water.	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method proposed.	No work has been carried out. During the inspection entire PIT was full of water.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal prosed.	No work has been carried out. During the inspection entire PIT was full of water.	
3j	Provision of drilling and blasting in mineral benches	Provision of Drilling and blasting in mineral benches.	No work has been carried out. During the inspection entire PIT was full of water.	
3k	Provision of mining machineries in mineral benches	There is provision of mining machineries in mineral benches.	No work has been carried out. During the inspection entire PIT was full of water.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	There is proposal of 4 mts in bench and 05 mts in mineral bench.	No work has been carried out. During the inspection entire PIT was full of water.	

3m	Total area covered under excavation/pits	Area covered under excavation of Pits. - 3.10 Ha.	No work has been carried out. During the inspection entire PIT was full of water. Surface area shows nearly 3 Ha. covered under excavation of pits.	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.1	No work has been carried out. During the inspection entire PIT was full of water.	
3o	Total area put in use under different heads at the end of year	Quarry - 3.38 Ha. Road - 0.10 Ha. Ore Stock Yard - 0.43 Ha. Plantation (Within Lease area) - 0.536 Ha. Toatl = 4.356 Ha.	No work has been carried out. During the inspection entire PIT was full of water. Existing area - Quarry - 3.10 Ha. Road - 0.10 Ha. Ore Stock Yard - 0.43 Ha. Plantation (Within Lease area) - 0.36 Ha. Toatl = 3.90 Ha.	
3p	Production of ROM mineral during the last five year period as applicable	Production Proposed in (Cubic Meter) 2015-16 - 68635.00 2016-17 - 18730.00 2017-18 - 18720.00 2018-19 - 21392.00 2019-20 - 21395.00	Production Actual in (Cubic Meter) 2015-16 - 0.00 2016-17 - 0.00 2017-18 - 0.00 2018-19 - 0.00 2019-20 - 0.00	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
3q	General remarks of inspecting officers on method of mining etc.		No Mining Activity has been carried out. During the inspection entire PIT was full of water.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no proposal	No Mining Activity has been carried out. During the inspection entire PIT was full of water.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of mining lease.
4b	Location of topsoil, OB and mineral reject dumps	No Proposal	No Mining Activity has been carried out. During the inspection entire PIT was full of water.	
4c	Number of dumps within lease area and outside of lease area	No proposal	No dumps within the lease area and outside the lease area.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal for dumps	No dumps within the lease area and outside the lease area.	
4e	Number of active and alive dumps.	No proposal.	No dumps within the lease area and outside the lease area.	
4f	Number of dead dumps.	No Proposal	No dumps within the lease area and outside the lease area.	
4g	Number of dumps established.	No Proposal	No dumps within the lease area and outside the lease area.	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal for dumps.	No dumps within the lease area and outside the lease area.	
4i	Length of Retaining wall or garland drain all along dumps	No proposal	No dumps within the lease area and outside the lease area.	
4j	Number of settling ponds	No proposal for settling ponds	No settling ponds found	
4k	Specific comments of inspecting officer on waste dump management	No proposal for waste dump management	No work done.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of mining lease.

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 and Making water reservoir for irragation purpose for naerby agricultural land.	During the inspection entire PIT was full of water	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
5b	Area under backfilling of mined out area	No poposal for backfilling of the mined out area.	During the inspection entire PIT was full of water	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposal	During the inspection entire PIT was full of water	
5d	Total area fully reclaimed and rehabilitated	No Proposal	During the inspection entire PIT was full of water	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No Work has been carried out.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

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 not Submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

6b	Area available for rehabilitation (ha) .		Annual Report on PMCP not Submitted.	
6c	afforestation done (ha).		Annual Report on PMCP not Submitted.	
6d	No. of saplings planted during the year		Annual Report on PMCP not Submitted. NO plantation work carried out	
6e	Cumulative no .of plants		Annual Report on PMCP not Submitted.	
6f	Any other method of rehabilitation		Annual Report on PMCP not Submitted, Proposal of rehabilitation by making water resirvior.	
6g	Cost incurred on watch and care during the year		Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	No work done.	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	No work done.	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No proposal	No work done.	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Proposal of Rehabilitation by makng water water resirvoir.	During the inspection entire PIT was full of water.	

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No such proposal	No Work done.	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	No work done	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	No work done	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	No work done	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposal for enviromental monitoring in core & Buffer zone by external agnecy.	No work done	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		No work done towards PMCP	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM Mineral Dispatch	No work done.	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	No work done	
7c	Different grade of mineral sorted out at mines.	No proposal	No work done	
7d	Any beneficiation process at mines	No proposal	No work done	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		No work carried out against mineral conservatoion and benificiation issue	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	No work done	
8b	Concurrent use or storage of topsoil	No proposal	No work done	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	No work done	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	No work done	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	No work done	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	No work done	
8g	Survival rate	80%	No additional plantation work done.	
8h	Water sprinkling on roads to control airborne dust	Proposal to sprinkle water to control airborne dust	No work done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
9d	Scrutiny of Annual return on afforestation	Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
9h	Scrutiny of Annual return on fixed assets	Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.
9k	Scrutiny of Annual return on mining machineries	Monthly and annual returns not submitted.	Mines is closed by the orders of AMO Chaibasa for reason mines running under deemed extension in case of second and subsequent renewal of minig lease.

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
MCDR17	Rule 11(4)	27/02/2020			
MCDR17	Rule 45(1)	27/02/2020			

Date :

(NAMAN EKKA)

Indian Bureau of Mines