

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

MCDR INSPECTION REPORT

Ranchi regional office

Mine file No : BIH/ROH/LST/353/RRO

Mine code : 38BHR22018

- (i) Name of the Inspecting : **B001**) **SAGAR BODRA**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Sanjay Singh GM & V D Sharma Surveyor
Official with
Designation
- (iv) Date of Inspection : 19/12/2015
- (v) Prev.inspection date : 18/06/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BANJARI (NEW)(12.16 HA)**
- (b) **Registration NO.** :
- (c) **Category** : A Other Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : BIHAR
- District : ROHTAS
- Village : BANJARI
- Taluka : DEHRI-ON-SONE
- Post office : BANJARI
- Pin Code : 821303
- FAX No. : 06188-233242
- E-mail : kclis@dte.vsnl.net.in
- Phone : 06188-233215, 233413
- (f) **Police Station** : ROHTAS
- (g) **First opening date** : 18/01/1983
- (h) **Weekly day of rest** : SUN
2. **Address for** : VILL/PO-BANJARI
correspondance TALUKA-ROHTAS
DIST-ROHTAS-821303, BIHAR
3. (a) **Lease Number** : BHR0140
- (b) **Lease area** : 12.16
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 02/12/2012
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : KALYANPUR CEMENTS LIMITED
 AT BANJARI PO-BANJARI
 ROHTAS, BIHAR ROHTAS BIHAR
 Phone: 7221, 7205, 7433, 7215
 FAX : 06188-7242

Owner : B.C.Srivastava,
 M/s Kalyanpur Cements Ltd
 At/P.O- Banjari- 821303
 Distt.- Rohtas, Bihar.
 ROHTAS BIHAR
 Phone: 06188-233215, 2
 FAX : 06188-233242

Agent : SANJAY KUMAR SINGH
 M/s Kalyanpur Cements Ltd.
 Banjari Rohtas ROHTAS BIHAR
 Phone:
 FAX :

Mining Engineer
 Name : PROMOD KUMAR, Full Time
 Qualification : B.E(MIN)
 Appointment/ : 01/10/2010
 Termination date

Geologist
 Name : SRI KAILASH PRASAD, Full Time
 Qualification : M. Sc. (GEOLOGY)
 Appointment/ : 31/03/2016
 Termination date

Manager
 Name : PRAMOD KUMAR
 Qualification : B.E(MIN)
 Appointment/ : 01/10/2010
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Fresh under rule 22 MCR1960 27/09/1989
 Mining Scheme rule 12 MCDR1988 29/06/1999

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	As per approved document, valid for the plan period 2012-13 to 2016-17, 19 nos. of Boreholes were proposed to be given by diamond core drilling with a total meterage ranging from 100m to 160m during the PLAN period from 2012-13 to 2014-15.	No exploration has been carried out as proposed .	The mine was not in operation since 15/01/2014 for non-renewal of mining lease.
1b	Exploration over lease area for geological axis 1 or 2	As per approved document, valid for the plan period 2012-13 to 2016-17, 19 nos. of Boreholes were proposed to be given by diamond core drilling with a total meterage ranging from 100m to 160m during the plan period from 2012-13 to 2014-15.	Altogether 21 boreholes were drilled prior to approval of present document. The level of exploration was G1 as per UNFC . The bore holes were given at 100m to 200m interval. Further no more drilling has been done.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not avail;able.	Not applicable as no exploration work done during the year under review.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease.

1d	Balance area to be explored to bring Geological axis in 1 or 2	As per approved document, valid for the plan period 2012-13 to 2016-17, 19 nos. of Boreholes were proposed to be given by diamond core drilling with a total meterage ranging from 100m to 160m during the plan period from 2012-13 to 2014-15.	The entire lease area has already been explored by putting 21 nos. of boreholes. The mineralization has also been proved all around the hillock by drilling as well as extensive mining in the lease area.
1e	Balance reserve as on 01/04/20	AS per approved MP, valid for the plan period from 2012-13 to 2016-17, the reserve position as on 01/04/2012 is as under: Proved (111): 1,34,83,327 tonnes & remaining resources (211): 4,90,500 tonnes.	After depletion of production from 2012-13 (521432 tonnes), 2013-14 (358532 tonnes) and 2014-15: Nil, the available reserve as on 01/04/2015 is as under: Proved (111): 1,26,03,363 MT & Remaining resources (211): 4,90,500 MT

1f	General remarks of inspecting officers on geology, exploration etc	Not applicable.	No exploration carried out during the year 2014-15. . The area was explored by putting 21 numbers of boreholes at 100m to 200m interval and made pitting & trenching. The extensivel mining were carried out in the lease and as a result limestone has been exposed all around the hillock. The lease area belongs to Vindyan super group in Rohtas limestone of semi group. The limestone of the lease is of cement grade having Cao: 38.48 - 48.24%, Mgo- 1.08 - 3.13%, Sio2-5.48 - 16.32%	The mine was not in operation since 15/01/2014 for non-renewal of mining lease.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	During the year 2014-15, development in OB sandstone and shale was propoded to be carried out by slicing up to 191m AMSL. The benches of RL 185m, 180m, 173m, 167m, 161m, 155m, 150m, 144m, 138m, 132m, 126m, 120m, 114m, 108m, 102m & 96m were propsed to be worked during the year.	No development work as proposed was carried out since the mine was not in operation since 15/01/2014 for non-renewal of mining lease.	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	It was proposed to remove OB by slicing and forming benches of height 7.5m and width 10 to 15m each. The number of OB benches will vary as per altitude of the site and occurrence of the mineral deposit. The development of limestone benches will be carried out having 6m height and width 10m to 15m.	No development work as proposed was carried out as the mine was not in operation since 15/01/2014 for non-renewal of mining lease.
2c	Stripping ratio or ore to OB ratio	The stripping ratio (ore to OB) was proposed to be as 1:3.60 for the year 2014-15.	The stripping ratio could not be calculated in absence of ore and OB production.
2d	Quantity of topsoil generation in m3	There was no proposal.	Not applicable.
2e	Quantity of overburden generation in m3	3.4 million tonne of OB was proposed to be removed during the year 2014-15.	No generation of overburden since the mine was not in operation from 15/01/2014.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Not applicable.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. Hence, the mine could not be developed as per the proposals made in the approved document by the lessee.

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
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3a	Number of pit proposed for production	Development was in OB sandstone and shale to be removed up to 191m AMSL. The benches of RL 185m, 180m, 173m, 167m, 161m, 155m, 150m, 144m, 138m, 132m, 126m, 120m, 114m, 108m, 102m & 96m in the single quarry during the year 2014-15.	No development work were carried out as proposed since the mine was not in operation since 15/01/2014 for non-renewal of mining lease.
3b	Quantity of ROM mineral production proposed	0.09 million tonne of ROM was proposed to be produced during the year 2014-15.	There was no production due to non operation of the mine.
3c	Recovery of sailable/usable mineral from ROM production	All ROM was proposed to be used.	Same could not be verified as the mine was not in operation since 15/01/2014 for non-renewal of mining lease.
3d	Quantity of mineral reject generation	No proposal .	No mineral reject generation has been reported during the year 2014-15 since the mine was not in operation since 15/01/2014 for non-renewal of mining lease.
3e	Grade of mineral rejects generation and threshold value declared.	No proposal .	Not applicable.
3f	Quantity of sub grade mineral generation.	There was no proposal.	No sub grade mineral generation has been reported during the year 2014-15.
3g	Grade of sub grade mineral generation	No proposal.	Not applicable,.
3h	Manual / Mechanised method adopted for segregating from ROM	Use of all ROM mineral was proposed..	The mine was not in operation since 15/01/2014 for non-renewal of mining lease.

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| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects. | NA | Not applicable. |
| 3j | Provision of drilling and blasting in mineral benches | Deep hole drilling of large dia hole was proposed. There was a proposal for deployment of 110 mm dia. DTH drill machine and jack hammers for drilling keeping 4.0m spacing and 3.0m burden. Blasting with explosives such as ANFO mixures, Toe blast, Energel & Powergel etc. as base charge/ booster and column charge with the help of short delay detonators (SDD) and ordinary detonators. | No drilling and blasting were made during the period under review. |

- 3k Provision of mining machineries in mineral benches
- Deployment of heavy earth moving machineries proposed for removal of OB and for production. Machineries such as 6 nos. of hyd. excavator, 13 no. of dumpers having 20 t. capacity, 1 dozer of 25 cum. capacity, 3 large dia. (110 mm) drill machines, 3 compressors etc have been proposed in the approved document.
- No mining machineries were deployed during the year 2014-15. The mine was not in operation since 15/01/2014 for non-renewal of mining lease.
- 31 Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM
- In the approved mining plan for the period from 2012-13 to 2016-17, fully mechanised method of mining deploying heavy earth moving machineries for deep hole drilling, excavation, loading & transport have been proposed. The proposed bench height and width in OB and mineral are: 7.5mt and 6.0 mt and width varying from 10 to 15mt.
- The height of the benches in OB and mineral are suitable for mechanised method of mining as proposed in the approved document. The avg. height of benches in OB and mineral are maintained upto 8.0m and 6.0m The mine was not in operation since 15/01/2014 for non-renewal of mining lease.

3m	Total area covered under excavation/pits	There is proposal to excavate 5.5 ha of area during the plan period of 2012-13 to 2016-17.	About 29.0 ha area has been covered under excavation / quarry.
3n	Ore to OB ratio for the pit/mine during the year.	As per approved document, ore to OB ratio proposed to be around 1:3.60 during the year 2014-15.	Ore to OB ratio could not be verified since the mine was not in operation since 15/01/2014 for non-renewal of mining lease.
3o	Total area put in use under different heads at the end of year	As per mining plan approved on 06/06/12, area put to use under different heads are quarry: 29 ha, OB dumps : 12 ha, Roads: 1.0 ha, site services: 0.01 ha.	There is no change in the area put to use under different heads since the mine was not in operation since 15/01/2014 for non-renewal of mining lease.
3p	Production of ROM mineral during the last five year period as applicable	As per approved mining plan for the period from 2012-13 to 2016-17, the year wise proposed production are as under: 2012-13 - 0.7 million tonne, 2013-14 - 0.8 million tonne, 2014-15 - 0.9 million tonne, 2015-16 - 1.0 million tonne, 2016-17 - 0.9 million tonne	Actual production of ROM during the last five years are as under: 2011-12- Million tonne, 2012-13 - 0.7 Million tonne, 2013-14 - 0.8 Million tonne, 2014-15 - Nil.

3q	General remarks of inspecting officers on method of mining etc.	Not applicable.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. Deployment of heavy earth moving machineries could not made for removal of OB and ore production as proposed in the approved document. The bench height and width could not be maintained as stipulated in the approved document.
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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)	No proposal for separate dumping of topsoil, OB & mineral rejects in the approved document as there is no topsoil in the area and the OB/waste to be generated will be utilised for back filling. There was proposal for removal of 15.424 million tonnes of OB/waste during the plan period from 2012-13 to 2016-17.	There was three (03) OB dumps located within ML. There is no topsoil in the lease area. The mine was not in operation since 15/01/2014 for non-renewal of mining lease.	

- 4b Location of topsoil, OB and mineral reject dumps No proposal for dumping of topsoil, OB & mineral rejects in the approved document. The OB/waste to be generated will be utilised for back filling. There is no generation of top soil in the mine. Two OB/waste dumps are located in the lease area.
- 4c Number of dumps within lease area and outside of lease area There is no proposal of waste dump in the approved document. The OB/waste to be generated will be utilised for back filling. There are two OB/waste dumps located in the lease area.
- 4d Location of dumps w.r.t. ultimate pit limit (Rule 16) There is no proposal of separate dumping of tpsoil, OB/waste in the approved document. The OB/waste to be generated will be utilised for back filling. There are two OB/waste dumps located in the lease area.
- 4e Number of active and alive dumps. There is no proposal of separate dumping of tpsoil, OB/waste in the approved document. The OB/waste to be generated will be utilised for back filling. Out of two OB/waste dumps, one dump is active and located in the north & north east side of the quarry.

4f	Number of dead dumps.	There is no proposal of separate dumping of tpoil, OB/waste in the approved document. The OB/waste to be generated will be utilised for back filling.	One dump dead dump is located in the eastern side of the quarry.
4g	Number of dumps established.	There is no proposal for separate dumping of tpoil, OB and mineral rejects in the approved document.	As reported during the field visit that one dump has been established.
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Partial retaining wall has been made along the waste dump.
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	The approx. length of retaining wall is 200m x 150m..
4j	Number of settling ponds	No proposal..	No settling pond in the lease area.
4k	Specific comments of inspecting officer on waste dump management	Not applicable.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. The entire OB/waste materials generated from the mine are utilised for backfilling. Two OB/waste dumps, one active and one non-active are located in the lease area.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Proposal for backfilling of the north east portion of the exhausted quarry has been made in the approved document.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. The OB/waste materials generated from the mine are utilised for backfilling.
5b	Area under backfilling of mined out area	The OB/waste materials generated from the mine will be utilised for backfilling over the exhausted quarry.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. As on date about 1.5 ha area has already been backfilled by the OB/waste materials.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	Not applicable.
5d	Total area fully reclaimed and rehabilitated	An area of 3.0 ha has been proposed to be backfilled during the plan period.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. As reported about 1.50ha area has been backfilled by the OB/waste materials.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. As reported about 1.50ha area has been backfilled by the OB/waste materials. About 2500 no. of plantation has been done within ML and 2000 no. out side ML area having 60% survival rate.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	NA	Submitted as required under the rule.
6b	Area available for rehabilitation (ha) .	An area of 3.0 ha has been proposed to be backfilled followed by afforestation during the plan period from 2012-13 to 2016-17.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. As reported, about 1.50ha area has been backfilled by the OB/waste materials.
6c	afforestation done (ha).	Proposal for 8000 no. of plantation during the plan period from 2012-13 to 2016-17 covering an area of 3.0 ha	As reported about 1.50 ha area has been backfilled by the OB/waste materials. About 2050 no. of saplings were planted covering an area of 1.00 ha within ML.
6d	No. of saplings planted during the year	As per approved scheme of mining, the yearwise plantation schedule is : 2012-13:1000 nos., 2013-14:1000 nos., 2014-15:2000 nos., 2015-16: 2000 nos and 2016-17: 2000 nos.	No plantation has been done during 2014-15. As reported, about 2050 no. of saplungs were planted covering an area of 1.00 ha ithin ML. .
6e	Cumulative no .of plants	As per approved scheme of mining, 8000 no. plants proposed to be plantated during 2012-13 to 2016-17.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. As reported, about 2050 no. of saplungs were planted covering an area of 1.00 ha ithin ML. .
6f	Any other method of rehabilitation	No other method of rehabilitation has been proposed in the approved document.	Only plantation has been made over the reclaimed area as proposed in the approved document.

6g	Cost incurred on watch and care during the year	No proposal.	Information not available with regard to cost incurred on watch and care during the year.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	1.0 ha area proposed to be backfilled over the excavated & exhausted portion of the lease area during the year 2015-16 as per the approved document.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. As reported, about 1.25 ha area has been recalimed as on date.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	1.0 ha area proposed to be backfilled over the excavated & exhausted portion of the lease area during the year 2015-16 as per the approved document.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. As reported, about 1.25 ha area has been recalimed as on date.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	1.0 ha area proposed to be backfilled and 2000 nos. of plantation proposed over an 1.0 ha area during the year 2015-16 as per the approved document.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. As reported, about 1.25 ha area has been recalimed and 2050 saplings were planted as on date.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Not applicable.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal.	Not applicable.

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal .	There is no waste land within lease area.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	Not applicable.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Not applicable.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposal for monitoring of air and water quality were made in the approved document.	Proposal for monitoring of air and water quality were made in the approved document.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Not applicable.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease.. The lessee could not achieve the proposal made in the approved mining plan for the period from 2012-13 to 2016-17 with regard to excavation schedule, production target, reclamation/backfilling proposal, environmental monitorong etc. due to discontinuance of mining operation.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	The entire ROM of limestone produced from the mine is meant for captive consumption in cement plant existing near the ML area at Banjari.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. There is no dispatch or sorting of mineral from the mine during the year.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	As per approved document, entire ROM will be used in the captive cement plant.	As per approved document, entire ROM will be used in the captive cement plant.
7c	Different grade of mineral sorted out at mines.	As per approved document, no sub-grade mineral will be generated and the entire ROM will be used in the captive cement plant.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease.
7d	Any beneficiation process at mines	NA	Not applical.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. All possible efforts are taken care by the lessee for conservation of minerals.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Not applicable. the mine was not in operation since 15/01/2014 for non-renewal of mining lease.	

8b	Concurrent use or storage of topsoil	NA	Not applicable. the mine was not in operation since 15/01/2014 for non-renewal of mining lease.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	As per the approved MP, there is proposal for backfilling / reclamation in the lease area. The complete mineable area will be reclaimed and rehabilitated by way of afforestation.	the mine was not in operation since 15/01/2014 for non-renewal of mining lease. There is no generation of overburden, waste from the mine during the year 2014-15.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	As per the approved MP, the OB / waste generated will be used for backfilling / reclamation in the lease area. The complete mineable area will be reclaimed and rehabilitated by way of afforestation. There is proposal for removal of 14.824 million tonne of OB during the plan period from 2012-13 to 2016-17.	the mine was not in operation since 15/01/2014 for non-renewal of mining lease. There is no generation and use of overburden, waste and rejects during the year 2014-15.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	During the plan period reclamation has been proposed in 6.4 ha area and out of this 2.9 ha area will be rehabilitated by way of afforestation.	As reported about 1.25 ha area has been reclaimed by the lessee. The mine was not in operation since 15/01/2014 for non-renewal of mining lease.

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No existing plantation has been reported in the approved mining plan. There is proposal for 8000 nos. of plantation during the plan period from 2012-13 to 2016-17 and 2000 nos. during the year 2014-15.	The mine was not in operation since 15/01/2014 for non-renewal of mining lease. No plantation has been done during the year 2014-15. As reported about 2050 nos. of saplings were planted as on date.
8g	Survival rate	80% survival rate..	60% survival rate reported by the lessee.
8h	Water sprinkling on roads to control airborne dust	No proposal.	No water sprinkling on roads are being done as mine is not in operation since 15.01.2014.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Not applicable.	Presently the mining operation in the mine is discontinued since 15/01/2014 for non-renewal of mining lease. Out of the total lease area, 29 ha area has been broken due to mining. As reported about 2500 nos. of plantation has been done as on date having 60% survival rate. Plantation has also been done outside the lease area by developing park, garden etc. The aesthetic beauty in and around the mines area has not been affected much due to mining.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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- 9a Status of submission of Monthly and Annual returns
- The information furnished in the Annual Return for the year 2014-15 covering Part-I of General information about mine and Labour employment, Part-II about Employment & wages, Part-II A about Capital Structure, Part-III consists of Consumption of materials, Part-IV about consumption of explosives, Part-V consists of General Geology & Mining under various sections, Part-VI about production, despatch & stock and Part-VII cost of production.
- The party is regularly submitting the Monthly and Annual Returns within the stipulated time. Party has submitted Annual Return for the year 2014-15 within stipulated time.
- 9b Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager
- Name of Mining Engineer, Geologist and Manager have been furnished in the Annual Return submitted for the year 2014-15.
- Since it is a mechanised mine, full time Mining Engineer and Geologist have been appointed as required under rule.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The land use pattern given in the Annual Return for the Year 2015-16 was as under:- Area already exploited/abandoned by OC working : Nil.; Covered under current working: 22.00 ha; Area Reclaimed/Rehabilitated: Nil; Area occupied by infrastructure (Road etc: 1.010 Hect. Others: 18.38 ha.	The land use pattern for the area under pits, reclaimed area, dump etc. furnished in the annual return appears to be in order in view of closure mine since January, 2014..
9d	Scrutiny of Annual return on afforestation	Under Part-V, item no. 4.4 of the Annual Return, 2014-15, it was given that 2050 nos. of saplings were planted within the ML area and 1500 nos. of plantation outside ML area during the year with 60% survival rate.	Plantation were made as per proposal.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral reject generation has been reported in Part-V, Sec 4 of the Annual Return 2014-15.	Not applicable since there was no top soil.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM stock - Opening balance: Nil, Production: Nil and Closing balance: Nil.	No mineral production has been reported during the year due to non operational status of the mine.

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The sale value, Ex mine price and production cost shown in the annual return 2015-16 as Nil.	Not applicable as the mine was not in operation since 15/01/2014 for non-renewal of mining lease.
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets was given as Rs. 532667000/- under Capital Structure.	The information given in support of the value of fixed asstes appears to be correct.
9k	Scrutiny of Annual return on mining machineries	No list mining machinery furnished under Part-V, Sec 5/6/8/9 of annual return 2014-15.	Not applicable at present as the mine was not in operation since 15/01/2014 for non-renewal of mining lease.

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
Rule 12(3)	15/02/2016				
Rule 23B(3)	15/02/2016				

Date :**(SAGAR BODRA)**

Indian Bureau of Mines