

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

MCDR INSPECTION REPORT

Guwahati regional office

Mine file No : MPS/FM/05-MEG/GUW/2018-19

Mine code : 38MEG04001

- (i) Name of the Inspecting : **SQ01**) **SK MOHAPATRA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Sk. Ekram Hossain, Mines Manager
Official with
Designation
- (iv) Date of Inspection : 26/07/2018
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KOMORRAH (240.55 HA)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working :
- (e) Postal address
State : MEGHALAYA
District : KHASI HILLS EAST
Village : KOMORRAH
Taluka : CHERRAPUNJEE
Post office : BHOLAGANJ BAZAR
Pin Code : 793107
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for :
correspondance
3. (a) Lease Number : MEG0003
(b) Lease area : 240.55
(c) Period of lease : 20
(d) Date of Expiry : 25/06/2013
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : RD SHARMA
KOMORRAH LIMESTONE MINING
CO. LTD KHASI HILLS EAST
MEGHALAYA
Phone:
FAX :

Owner : RD SHARMA
KOMORRAH LIMESTONE MINING
CO. LTD KHASI HILLS EAST
MEGHALAYA
Phone:
FAX :

Agent : RD SHARMA
KOMORRAH LIMESTONE MINING
CO. LTD KHASI HILLS EAST
MEGHALAYA
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	01	Nil	Exploration not carried out
1b	Exploration over lease area for geological axis 1 or 2	01	Nil	Exploration not carried out
1f	General remarks of inspecting officers on geology, exploration etc			

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area			
2c	Stripping ratio or ore to OB ratio	1: 0.022	1: 0.022	Carried out
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	3360 Cum	Nil	Proposed quantity has not been achieved due to low production.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	ROM-150000 Tons OB-3360Cum.	ROM-59244.70 Tons OB-Nil	Proposed production could not achieved by the lessee due to low demand from the end user from Bangladesh.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1 no, Pit-7	1 no, Pit-7	Partially carried out

3b	Quantity of ROM mineral production proposed	150000 Tons	59244.70 Tons	Could not achieved due to less demand from end user at Bangladesh.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	Carried out
3d	Quantity of mineral reject generation	Nil	Nil	Carried out as per proposal
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	No mineral rejects generated during the reporting year
3f	Quantity of sub grade mineral generation.	Nil	Nil	No sub grade mineral generated during the year
3g	Grade of sub grade mineral generation	Not applicable	Not Applicable	No sub grade mineral generated during the year.
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	Carried out
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	Not proposed
3j	Provision of drilling and blasting in mineral benches	Yes, Drilling & blasting proposed	Carried out as per proposal	Carried out
3k	Provision of mining machineries in mineral benches	Yes, Shovel & Dumper combination	Yes, Shovel & Dumper combination	Carried out
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 6m	Yes, 6m	Suitably proposed and carried out

3m	Total area covered under excavation/pits	15.571	15.571	carried out as per proposal
3n	Ore to OB ratio for the pit/mine during the year.	1: 0.022	1: 0	No oB generated during the year.
3o	Total area put in use under different heads at the end of year			
3p	Production of ROM mineral during the last five year period as applicable			

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Top soil- Not available, Mineral reject-Not available OB- 3360 Cum dumped over the existing dump	Top soil- NA, Mineral reject-NA OB- Not generated	OB generation is nil during the reporting period.
4b	Location of topsoil, OB and mineral reject dumps	Not applicable	Not applicable	
4c	Number of dumps within lease area and outside of lease area	Yes, Proposed separate location for OB dumping	Not carried out	OB generation is nil during the reporting period
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Out side of ultimate pit	Dumping not done	OB generation during the period is nil, hence dumping not carried out.
4e	Number of active and alive dumps.	1	1	Complied
4f	Number of dead dumps.	Nil	Nil	Complied

4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	No retaining wall and garland drain all along the dump.
4i	Length of Retaining wall or garland drain all along dumps	Not applicable	Not applicable	Nil
4j	Number of settling ponds	1	1	Complied
4k	Specific comments of inspecting officer on waste dump management	Dumping was proposed over the existing OB dump.	Dumping not carried out.	OB generation is nil, so dumping could not be carried out.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5b	Area under backfilling of mined out area	Not applicable	Not applicable	No proposal
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not applicable, as top soil is not available	Not applicable, as top soil is not available	No proposal
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	No proposal for reclamation and rehabilitation.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal of reclamation and rehabilitation.	No proposal of reclamation and rehabilitation.	Due to non availability of mined out land, reclamation and rehabilitation has not been proposed.

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).	Yearly report of PMCP to be submitted by lessee under rule 26(2) of MCDR, 2017.	Submitted	Submitted by the lessee.
6b	Area available for rehabilitation (ha) .	Nil	Nil	Not proposed
6c	afforestation done (ha).			

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	100% ROM dispatched to CCCL Bangladesh by aerial ropeway	100% ROM dispatched to CCCL Bangladesh by aerial ropeway	ROM dispatched to Bangladesh through aerial ropeway.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Grade wise sorting not proposed	Grade wise sorting not proposed	Grade wise sorting not required as total ROM dispatched to Bangladesh
7c	Different grade of mineral sorted out at mines.	Nil	Nil	Sorting is not required.
7d	Any beneficiation process at mines .	Nil	Nil	Benificiation is not required, as total ROM dispatched to Bangladesh
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Total produced ROM is saleable	Total produced ROM is saleable	total produced ROM is dispatched to Bangladesh, so there is no proposal of sorting and beneficiation process.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Not applicable, as there is no top soil	Not applicable, as there is no top soil	No proposal for generation of top soil
8b	Concurrent use or storage of topsoil	Not applicable	Not applicable	No proposal for generation of top soil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposal for separate OB dump	Not carried out, due to generation of OB is nil.	Generation of OB is nil during the reporting period.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	Nil, Out side Lease area-515	Plantation has been done out side of the lease area.
8g	Survival rate	Nil	Nil, Outside-80%	Plantation has been done outside of the lease area
8h	Water sprinkling on roads to control airborne dust	Yes, By Water Sprinkler	Yes, By Water Sprinkler	Carried out

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No such specific proposal	Nil, only plantation has been done outside lease area	No such specific proposal. lease outside plantation has been carried out.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	As per Rule 45 of MCDR 2017, Annual and monthly returns to be submitted	Returns submitted regularly	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager, Mining Engineer, Geologist appointed	Manager, Mining Engineer, Geologist appointed	Complied
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details provided as per RoMP	Carried out	Complied
9d	Scrutiny of Annual return on afforestation	Nil	Nil, outside plantation done	plantation done out side lease area
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	No proposal
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	Nil
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	Nil

9k	Scrutiny of Annual return on mining machineries	Information furnished	Information furnished	Complied
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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 :
(SK MOHAPATRA)

Indian Bureau of Mines