

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

Mining Plan Modification REPORT

Hyderabad regional office

Mine file No : AP/ADB/LST-45/HYD

Mine code : 38APR01038

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : RAVI KUKARNI DGM(MINES)
Official with
Designation
- (iv) Date of Inspection : 30/10/2018
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAMAI(636.54 HA)**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : **TELANGANA**
District : **ADILABAD**
Village :
Taluka :
Post office :
Pin Code :
FAX No. : **04040401214**
E-mail : **SECRETERIAL@RAIN-INDUSTRIE**
Phone : **04040401234**
- (f) Police Station : **ADILABAD**
- (g) First opening date : **29/01/1996**
- (h) Weekly day of rest : **SUN**
2. Address for : **34 SRINAGAR COLONY**
correspondance : **HYDERABAD-500073**
TS
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : **LIMESTONE** Main

5. Name and Address of the

Lessee : M/S RENUKA CEMENT LTD
RAIN CENTER, 34 SRINAGAR
COLONY HYDERABAD HYDERABAD
TELANGANA
Phone:04040401234
FAX :04040401214

Owner : RENUKA CEMENT LTD
RAIN CENTRE, 34 SRI NAGAR
COLONY, HYDERABAD TS
ADILABAD TELANGANA
Phone: 04040401234
FAX : 04040401214

Mining Engineer

Name : Ravi Kulkarni, Full Time
Qualification : AMIE(Mining)
Appointment/ : 20/06/2018
Termination date

6. Date of approval of Mining Plan/Scheme of Mining : Fresh under rule 22 MCR1960 24/05/1989

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid proposals for exploration exists in the year 2017-18.	However, the lessee has drilled about 26 Core boreholes in year 2017-18. As per the earlier approved document, the then lessee M/s Zenith Cement Ltd through the prospecting Agency M/s ACC ltd had carried out the exploration by drilling of 67 holes in the grid interval of 200 to 400m covering the extent of 686.36 ha in the year 1983-84	Initially the lease was granted to M/s Zenith Steel pipes and industries ltd in the year 1996 over an extent of 636.58 ha. Subsequently the lease has been transferred to Birla cement and Industries Ltd in the year 1998. Later, the name of M/s Birla cement and Industries Ltd changed to Renuka Cement Ltd.
1b	Exploration over lease area for geological axis 1 or 2	No valid proposals of exploration exists for the year 2017-18	Total 26 Core bore holes were drilled (within the lease area) in the year of 2018 with less than 400 x 400 m grid interval in the ML area over an extent of 334.20 ha in the scale of G2 level of exploration. Taking into consideration of the earlier exploration and present exploration, the ML area can be considered as G1 scale explored area subject to the availability of the earlier explored data.	During the change of the name in the year 2011, the ML area has been reduced from 663.58 ha to 334.20 ha by deleting scheduled notified area of Yapalaguda village.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No valid proposals exists for the year 2017-18.	The expenditure incurred during the year 2018 for the exploration activity is Rs.31,73,761.00/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid proposals exists for the year 2017-18.	The entire ML area has been covered under G2 Scale of Exploration.	
1e	Balance reserve as on 01/04/20	No valid proposals exists for the year 2017-18	As per the draft Mining Plan, the reserve stands at 36.35 Million Tonnes of Limestone of (122 of UNFC category)	

1f	General remarks of inspecting officers on geology, exploration etc	Penganga group of formation of upper Precambrian age with no actual valid proposed exploration proposals.	It is a sedimentary terrain of upper Pre cambrian era consisting of Carbonate suit of formations consisting of Pink and Grey Limestone.The ML area was ealier explored by M/s ACC at a grid interval of 200-400m. Subsequently , on deletion of an extent of 302.37 ha from 636.58 ha, the present lessee has carried out exploration at 400mx400m grid interval of G2 level of exploration.	Violation of Rule 47 of MCDR 2017 has been pointed out to the party on 6.11.2018 for non submission of Form-J.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid proposals exists for the year 2017-18.	Since the execution of the lease(1996), no mining activity took place till today(as on the inspection day) for want of acquisition/alienation of land which was held up by the Revenue department and for want of the same the construction of the Cement factory/Plant was also heldup.	Presently the lessee is actively pursuing the land acquisition/alienation process of the land with the concerned Revenue department of Adilabad Mandal/District.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid proposals exists for the year 2017-18.	-	The entire ML area remained as virgin/unbroken area.
2c	Stripping ratio or ore to OB ratio	No valid proposals exists for the year 2017-18.	-	
2d	Quantity of topsoil generation in m3	No valid proposals exists for the year 2017-18.	Nil	
2e	Quantity of overburden generation in m3	No valid proposals exists for the year 2017-18.	Nil	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No valid proposals exists for the development in the year 2017-18.	The entire ML area is being remained as virgin area as no mining activity has been initiated for want of land acquisition and non erection of Cement Plant.	Violation of Rule 11(4) of MCDR 2017 has been pointed out to the party on 6.11.2018. The initial approved proposals were valid upto 31.3.2003. There is a lapsed period from 2003-04 to 2017-18. The present submitted draft document contains proposal of 2018-19 to 2022-2023.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid proposals exists for the year 2017-18.	Nil	Mining activity is yet to be commenced.
3b	Quantity of ROM mineral production proposed	No valid proposals exists for the year 2017-18.	-	
3c	Recovery of sailable/usable mineral from ROM production	No valid proposals exists for the year 2017-18.	-	
3d	Quantity of mineral reject generation	No valid proposals exists for the year 2017-18.	-	
3e	Grade of mineral rejects generation and threshold value declared.	No valid proposals exists for the year 2017-18.	-	The Threshold value declared for Limestone is CaO-34% (Min.) and MgO-5% (Max.)
3f	Quantity of sub grade mineral generation.	No valid proposals exists for the year 2017-18.	Nil	
3g	Grade of sub grade mineral generation	No valid proposals exists for the year 2017-18.	-	

3h	Manual / Mechanised method adopted for segregating from ROM	No valid proposals exists for the year 2017-18.	-	There will not be any segregation. The entire ROM shall be consumed.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid proposals exists for the year 2017-18.	-	
3j	Provision of drilling and blasting in mineral benches	No valid proposals exists for the year 2017-18.	-	
3k	Provision of mining machineries in mineral benches	No valid proposals exists for the year 2017-18.	-	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid proposals exists for the year 2017-18.	-	
3m	Total area covered under excavation/pits	No valid proposals exists for the year 2017-18.	Nil.	
3n	Ore to OB ratio for the pit/mine during the year.	No valid proposals exists for the year 2017-18.	-	
3o	Total area put in use under different heads at the end of year	No valid proposals exists for the year 2017-18.	-	The entire ML area is virgin.
3p	Production of ROM mineral during the last five year period as applicable	No valid proposals exists for the last five years.	No production has been done since the execution of the ML area.	

3q	General remarks of inspecting officers on method of mining etc.	No valid proposals exists on the method of mining.	-	There exists no valid approved mining plan and the mining in the subject ML area is yet to commence which has been held up for want of land acquisition and erection of Cement plant. Violation of Rule 20 of MCDR 2017 with regards to non submission of opening notice has been pointed out to the party on 6.11.2018.
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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 valid proposals exists for the year 2017-18.	-	Since grant of the ML, there is mining activity in the ML area for want of land acquisition and erect of the Plant.
4b	Location of topsoil, OB and mineral reject dumps	No valid proposals exists for the year 2017-18.	-	
4c	Number of dumps within lease area and outside of lease area	No valid proposals exists for the year 2017-18.	Nil.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid proposals exists for the year 2017-18.	-	
4e	Number of active and alive dumps.	No valid proposals exists for the year 2017-18.	Nil.	
4f	Number of dead dumps.	No valid proposals exists for the year 2017-18.	Nil	

4g	Number of dumps established.	No valid proposals exists for the year 2017-18.	Nil.	
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid proposals exists for the year 2017-18.	None.	
4i	Length of Retaining wall or garland drain all along dumps	No valid proposals exists for the year 2017-18.	-	
4j	Number of settling ponds	No valid proposals exists for the year 2017-18.	Nil.	
4k	Specific comments of inspecting officer on waste dump management	No valid proposals exists for the year 2017-18.	-	Mining activity has not yet commenced and waste dump management at this stage does not arise.

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 valid proposals exists for the year 2017-18.	-	Full extraction and back filling does not arise at this stage as the mining activity is yet to be commenced.
5b	Area under backfilling of mined out area	No valid proposals exists for the year 2017-18.	Nil.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid proposals exists for the year 2017-18.	-	
5d	Total area fully reclaimed and rehabilitated	No valid proposals exists for the year 2017-18.	Nil.	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No valid proposals exists for the year 2017-18.	-	The ML area has not yet matured for back filling and reclamation
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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).	No valid proposals exists for the year 2017-18.	-	No valid approved proposals of PMCP exists. The mining activity is yet to be commenced.
6b	Area available for rehabilitation (ha) .	No valid proposals of rehabilitation exists for the year 2017-18.	-	
6c	afforestation done (ha).	No valid proposals of afforestation exists for the year 2017-18.	-	
6d	No. of saplings planted during the year	No valid proposals exists for the year 2017-18.	Nil.	
6e	Cumulative no .of plants	No valid proposals exists for the year 2017-18.	Nil.	
6f	Any other method of rehabilitation	No valid proposals exists for the year 2017-18.	None.	
6g	Cost incurred on watch and care during the year	No valid proposals exists for the year 2017-18.	Nil.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No valid proposals exists for the year 2017-18.	-	There are no voids available for back filling since no excavation in the ML area has been done till date.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid proposals exists for the year 2017-18.	-	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No valid proposals exists for the year 2017-18.	-	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid proposals exists for the year 2017-18.	-	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No valid proposals exists for the year 2017-18.	-	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No valid proposals exists for the year 2017-18.	-	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No valid proposals exists for the year 2017-18.	-	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No valid proposals exists for the year 2017-18.	-	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No valid proposals exists for the year 2017-18.	-	Environmental monitoring at this stage does not arise. However the lessee has undertaken up the study REIA(Rapid Environmental Impact assesment.).

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No valid proposals of PMCP exists for the year 2017-18.	Mining is yet commence and the entire area is virgin. The implimentation of PMCP at this stage does not arise.	Violation of PMCP viz. Rule 23 and 27(1) of MCDR 2017 has been pointed out to the party on 6.11.2018.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid proposals exists for the year 2017-18.	-	Production of the Limestone is yet to commence for want of errection of Cement plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid proposals exists for the year 2017-18.	-	However, the ROM shall be consumed without any sorting by any means.
7c	Different grade of mineral sorted out at mines.	No valid proposals exists for the year 2017-18.	None.	
7d	Any beneficiation process at mines .	No valid approved proposals exists for the year 2017-18.	-	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No valid approved proposals exists for the year 2017-18.	The mining activity is yet to commence.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid approved proposals exists for the year 2017-18.	-	
8b	Concurrent use or storage of topsoil	No valid approved proposals exists for the year 2017-18.	-	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid approved proposals exists for the year 2017-18.	-	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid approved proposals exists for the year 2017-18.	-	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid approved proposals exists for the year 2017-18.	-	The ML area has not yet matured for restoration, reclamation and rehabilitation.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No valid approved proposals exists for the year 2017-18.		Most of the land is under cultivation. There exists scanty thorny bushes and Shrubs also.
8g	Survival rate	No valid approved proposals exists for the year 2017-18.	-	
8h	Water sprinkling on roads to control airborne dust	No valid approved proposals exists for the year 2017-18.	-	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No valid approved proposals of aesthetic beauty exists for the year 2017-18.	-	The entire ML area is virgin and most of the area is under cultivation. Here and there some thorny bushes and shrubs were observed.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	MR shall be submitted before 10th of every month in respect of preceding month. AR which shall be submitted before 1st July each year for the preceding Financial Year.	No A/R and M/R have been submitted so far.	Violation Rule 45(6)(a) and 45(6)(b) of MCDR 2017 has been pointed out to the lessee on 6.11.2018.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be appointed.	No Geologist has been appointed.	Violation of Rule 55(1)(c) of MCDR 2017 has been pointed out to the lessee.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished.	No Annual return is submitted.	
9d	Scrutiny of Annual return on afforestation	To be furnished.	No Annual return is submitted.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished.	No annual return is submitted.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished.	No Annual return is submitted.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished.	No Annual return is furnished.	
9h	Scrutiny of Annual return on fixed assets	To be furnished.	No Annual return is submitted.	
9k	Scrutiny of Annual return on mining machineries	To be furnished.	No annual return is submitted.	

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
MCDR17 Rule 11(4)	08/11/2018				
MCDR17 Rule 20	08/11/2018				
MCDR17 Rule 23	08/11/2018				
MCDR17 Rule 27(1)	08/11/2018				
MCDR17 Rule 45(1)	08/11/2018				
MCDR17 Rule 45(6)(e)	08/11/2018				
MCDR17 Rule 45(6)(k)	08/11/2018				
MCDR17 Rule 47(a)	08/11/2018				
MCDR17 Rule 50	08/11/2018				
MCDR17 Rule 55(1)(3)	08/11/2018				

Date :

(M.Pratap.Reddy)

Indian Bureau of Mines