

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/KNL/L.ST-208/HYD

Mine code : 38APR11190

- (i) Name of the Inspecting : **AP03**) **A.Prabhakar Rao**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompaning mine : G.VISWANATHAREDDY ,MINE MATE P.LOKESWAR REDDY LESSEE
Official with
Designation
- (iv) Date of Inspection : 27/06/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **VENKATAPURAM(4.990 HA)**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. : -
- E-mail : ssnreddy1971@hotmail.com
- Phone : 9866194076, 9704468777
- (f) **Police Station** : BANAGANAPALLI
- (g) **First opening date** : 21/03/2017
- (h) **Weekly day of rest** : SUN
2. **Address for** : W/O S.VENKATARAMIREDDY
correspondance H.NO.6/4, PALKUR(V0BANAGANAPALLI(M)
KURNOOL DIST ,ANDHRA PRADESH
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 : Smt S.KALAVATHAMMA
W/O.Sri VenkataRami Reddy
H.NO.4/6,PALKUR (V
BANAGANAPALLIU(M)KURNOOLDT
KURNOOL ANDHRA PRADESH
Phone:9866194076
FAX :-

Owner : Smt S.kALAVATHAMMA
W/O.S.VENKATARAMIREDDY
H.NO..6/4,PALKUR(V)
BANAGANAPALLI(M)KURNOOLDT
A.P, KURNOOL ANDHRA PRADESH
Phone: 9866194076
FAX : -

6. Date of approval of Mining : Fresh under rule 22 MCR1960 13/01/2015
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	This is a newmine backlog of of previous year nil	NIL	NIL
1b	Exploration over lease area for geological axis 1 or 2	G1 CATAGORY	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Exploration work was not commenced	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	G 1 Catagory	NIL	NIL
1e	Balance reserve as on 01/04/20	A.MINERAL RESERVES UNFC CODE QUANTITY IN TONNES Grade 1 Probable 121 384186 Cao=41.72%(min) to 53.75%(max) B. REMAINING RESOURCES 211 45430 1 Feasibility .RECONNAISSANCE 334 175098 TOTAL (A=B) 604714 211 45430 6.RECONNAISSANCE 334 175098	A.MINERAL RESERVES UNFC CODE QUANTITY IN TONNES Grade 1 Probable 121 384186 Cao=41.72%(min) to 53.75%(max) B. REMAINING RESOURCES 211 45430 1 Feasibility .RECONNAISSANCE 334 175098 TOTAL (A=B) 604714 211 45430 6.RECONNAISSANCE 334 175098	NIL

1f	General remarks of inspecting officers on geology, exploration etc	NIL	Development work is commenced	NIL
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In THE First year period between AA to BB"	Development work is commenced as per the proposals	NIL
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No seperate benches were proposed in top soil,overburden	Removal of top soil work is commenced	NIL
2c	Stripping ratio or ore to OB ratio	20240TONNES;1012 TONNES	NIL	NIL
2d	Quantity of topsoil generation in m3	1012 TONNES (intercalated waste)	NIL	NIL
2e	Quantity of overburden generation in m3	NIL	NIL	NO OVERBURDEN IN THIS m.l.AREA
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NIL	M.L. area is formed by the tuffaceous deposit of vempalle formation and consists of tuffaceous limestone formation is a simple depositit was occuring in entire lease area at an depth range of 0.20mto 0.50mdepth from surface. Soil cover of 2.0m 0.50 m thicknesss The generalised sequence of the litho units in a chrononlogical order is as follows Lithology ; B.C.SOIL=0.2TO 0.5M,Calctuffa(Limestone powder&Calcrete)3.7 to 6.60mCao=41.72% to 53.75%	NIL

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1)50.0MX12.0MX 5.0M 2)50.0MX24.8MX 5.0M	Not carriedout	NIL
3b	Quantity of ROM mineral production proposed	20 240 rtonnes	Notproduced	NIL
3c	Recovery of sailable/usable mineral from ROM production	95%	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on
3d	Quantity of mineral reject generation	1012 TONNES	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on
3e	Grade of mineral rejects generation and threshold value declared.	Intercalated waste		nil
3f	Quantity of sub grade mineral generation.	NO PROPOSALS	NIL	
3g	Grade of sub grade mineral generation	NO PROPOSAL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	MANUAL	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NO	NIL	

3j	Provision of drilling and blasting in mineral benches	Drilling & blasting operations is not required, It is a soft ore deposit. The limestone occurring in the area powdery type with grain ranging from 0 to 5.0mm	NO	
3k	Provision of mining machineries in mineral benches	not required	no	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	-	Development work is commenced i.e removal of top soil removal of small bushes work is going on
3m	Total area covered under excavation/pits	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:0.13	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL
3o	Total area put in use under different heads at the end of year	0.16 HECTARS	Development work is commenced i.e removal of top soil removal of small bushes work is going on	
3p	Production of ROM mineral during the last five year period as applicable	This M.L. WAS EXECUTED ON ON 21.03.2017	NOT APPLICABLE	NIL
3q	General remarks of inspecting officers on method of mining etc.	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL

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)	NO proposals were made in the Approved mining plan	In the M.L. AREA 5% intercalated waste to be handled and this waste will be dumped 7.50 m buffer zone	Development work is commenced i.e removal of top soil removal of small bushes work is going on
4b	Location of topsoil, OB and mineral reject dumps	In the 7.50m buffer zone	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	NIL
4e	Number of active and alive dumps.	NIL	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on
4f	Number of dead dumps.	NIL	NIL	NIL
4g	Number of dumps established.	NOT ESTABLISHED	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	NO	NO	NIL
4i	Length of Retaining wall or garland drain all along dumps	NO	NO	NIL
4j	Number of settling ponds	NO PROPOSALS	NIL	NIL
4k	Specific comments of inspecting officer on waste dump management	NIL	NIL	NIL

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.	Not matured for backfilling	NIL	NIL
5b	Area under backfilling of mined out area	NIL	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Generated top soil will be used for afforestation as and when required	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	JNIL	NIL	NIL

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).	M.L. was executed on 21.03.2017, one year was not completed	no	Development work is commenced i.e removal of top soil removal of small bushes work is going on
6b	Area available for rehabilitation (ha) .	Not matured for rehabilitation	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on
6c	afforestation done (ha).	NO	NIL	NIL
6d	No. of saplings planted during the year	NIL	NIL	NIL
6e	Cumulative no .of plants	M.L. was executed on 21.03.2017	NIL	NIL

6f	Any other method of rehabilitation	NO	NO	Development work is commenced i.e removal of top soil removal of small bushes work is going on
6g	Cost incurred on watch and care during the year	NIL	NIL	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	NO	NIL	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NO	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	AREA NOT MATURED FOR reclamation & rehabilitation	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NO	NO	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL

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 limestone produced from the M.L.AREAS HAVING Cao=42% to 54%, SiO2=1.0%4 .0% DIRECTLY SOLD TO SriJayajyothi cements ,B.M..CEMENTS Sri venkateswara Mineral industries and various other paper ,textile poultry feed &chemical industries	Development work is commenced i.e removal of top soil removal of small bushes work is going on	nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NO	NO	NIL
7c	Different grade of mineral sorted out at mines.	NO	NO	NIL
7d	Any beneficiation process at mines .	NO	NO	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Generated top soil will be proposed for plantation as and when required	Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL

8b	Concurrent use or storage of topsoil	YES		Development work is commenced i.e removal of top soil removal of small bushes work is going on	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NO		NO	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NO		NO	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NOT MATURE FOR RECLAMATION	NIL		Development work is commenced i.e removal of top soil removal of small bushes work is going on
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	M.L. was executed on 21.03.2017	NIL		Development work is commenced i.e removal of top soil removal of small bushes work is going on
8g	Survival rate	NIL		NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on
8h	Water sprinkling on roads to control airborne dust	NIL		NIL	Development work is commenced i.e removal of top soil removal of small bushes work is going on
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NIL		NIL	NIL

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns			

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 :
(A.Prabhakar Rao)

Indian Bureau of Mines