

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/ANP/L.ST-9/HYD

Mine code : 38APR02026

- (i) Name of the Inspecting : **AP03**) **A.Prabhakar Rao**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : **SRI.I.CHANDRASEKHAR, LESSEE'S SON**
Official with
Designation
- (iv) Date of Inspection : 18/10/2016
- (v) Prev.inspection date : 02/11/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NAGARUR (3.286 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : **ANDHRA PRADESH**
District : **ANANTAPUR**
Village : **NAGARUR**
Taluka : **YADIKI**
Post office : **NAGARUR**
Pin Code :
FAX No. : -
E-mail : -
Phone : **08516--222069/220601,98481!**
- (f) Police Station : **YADIKI**
- (g) First opening date : **01/06/1984**
- (h) Weekly day of rest : **SUN**
2. Address for : **I.SREE RAMULU**
correspondance **D.NO-13/78, PATHAPETA,**
DHONE(PO)-518222
3. (a) Lease Number : **APR1084**
- (b) Lease area : **3.29**
- (c) Period of lease : **20**
- (d) Date of Expiry : **30/05/2023**
4. Mineral worked : **DOLOMITE** Associated
LIMESTONE Main

5. Name and Address of the

Lessee : M/S.ANDHRA MINERAL INDUSTRIES
 SRI.I.SREERAMULU(M.G.PARTNE
 R) D.NO.13/78,
 PATHAPETA DONE(PO) KURNOOL
 ANDHRA PRADESH
 Phone:(08516)-220601(R), 222069(O)
 FAX :-

Owner : I.SREE RAMULU
 I.SREE RAMULU POST:DHONE
 DIST:KURNOOL.. KURNOOL
 ANDHRA PRADESH
 Phone: 08516-222069
 FAX :

Geologist

Name : SRI I. PRASAD,Full Time
 Qualification : B.SC (GEOLOGY)
 Appointment/ : 01/04/2009
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	13/10/2004
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	30/08/2010

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid proposals exists since there is no approved document	Four trail pits of 4mx3mx3m	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
1b	Exploration over lease area for geological axis 1 or 2	No valid proposals exist .Since there is no approved document	G1 scale of exploration	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No valid proposals exist .Since there is no approved document	G1 scale of exploration	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid proposals exist .Since there is no approved document	-	-
1e	Balance reserve as on 01/04/20	No valid proposals exist .Since there is no approved document	In the draft modified mining plan the reserves stands56,619 tonnes of G1 scale	

1f	General remarks of inspecting officers on geology, exploration etc	No valid proposals exist .Since there is no approved document	The M.L. area pertains to Vempally formatio of papagni series of Kadapa system	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	No valid proposals existss sincethere is no approved document	The mining activityis carriedout on western part of the M.L.area	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid proposals exists since there is no approved document	Seperate in soil limestone are being maintained	-
2c	Stripping ratio or ore to OB ratio	No valid proposals exists since there is no approved document	The stripping ratio is1:0.5	-
2d	Quantity of topsoil generation in m3	No valid proposals exists since there is no approved document	A thin layer of top soil exists which is concurrently used for plantation	-
2e	Quantity of overburden generation in m3	No valid proposals exists since there is no approved document	So far aquantity of 1500 cubic meters waste is being generated	-

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No valid proposals exists since there is no approved document	O.Band in ore benches have been systematically developed	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	No valid proposals exists since there is no approved document	There is only one production pit	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficiencies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
3b	Quantity of ROM mineral production proposed	No valid proposals exists since there is no approved document	11500 tonnes	-
3c	Recovery of sailable/usable mineral from ROM production	No valid proposals exists since there is no approved document	100%	-
3d	Quantity of mineral reject generation	No valid proposals exists since there is no approved document	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	No valid proposals exists since there is no approved document	Cao=35%,Sio2=18%,,The grade of the mineral occuring in the M.L. area is above threshold limit	-

3f	Quantity of sub grade mineral generation.	No valid proposals exists since there is no approved document	11500 tonnes	-
3g	Grade of sub grade mineral generation	No valid proposals exists since there is no approved document	100%	
3h	Manual / Mechanised method adopted for segregating from ROM	No valid proposals exists since there is no approved document	Manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid proposals exists since there is no approved document	NO	
3j	Provision of drilling and blasting in mineral benches	No valid proposals exists since there is no approved document	NO	-
3k	Provision of mining machineries in mineral benches	No valid proposals exists since there is no approved document	NO	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid proposals exists since there is no approved document	Yes suitable	
3m	Total area covered under excavation/pits	No valid proposals exists since there is no approved document	0.5443 hectares	
3n	Ore to OB ratio for the pit/mine during the year.	No valid proposals exists since there is no approved document	1:0.5	

3o	Total area put in use under different heads at the end of year	No valid proposals exists since there is no approved document	1.8105 hectares	
3p	Production of ROM mineral during the last five year period as applicable	No valid proposals exists since there is no approved document	S.NO. year production intonnes 1) 2011-2012 =167 2) 2012-2013 = 3100 3) 2013-2014 =654 4) 2014-2015 =234 5) 2015-2016 =11500	-
3q	General remarks of inspecting officers on method of mining etc.	No valid proposals exists since there is no approved document	The O.B. and Ore benches have been maintained systematically and scientifically	Draft modified Minig plan U/R 22(6) of Mcr 1960 is submitted on 28/01/2016 . Due to following deficiencies 1) Due to non submission of letter from State Government regarding deemed extension of the lease, 2) The reserves have not been assessed properly, 3) correctly classified correctly as per UNFC, 4) The survey of backfilled area with respect to pillar K has not been plotted correctly. 6) The scrutiny comments have not been attended properly document rejected on 11/05/2016

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No valid proposals exists since there is no approved document	The top soil is being concurrently used for plantation	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficiencies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
4b	Location of topsoil, OB and mineral reject dumps	No valid proposals exists since there is no approved document	Northern part away from the pit	-
4c	Number of dumps within lease area and outside of lease area	No valid proposals exists since there is no approved document	One waste dump within the M.L.area. nodump is out side the M.L. area	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid proposals exists since there is no approved document	It is away from UPL	-
4e	Number of active and alive dumps.	No valid proposals exists since there is no approved document	Only one active dump	-

4f	Number of dead dumps.	No valid proposals exists since there is no approved document	NIL	-
4g	Number of dumps established.	No valid proposals exists since there is no approved document	NIL	-
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid proposals exists since there is no approved document	NO	-
4i	Length of Retaining wall or garland drain all along dumps	No valid proposals exists since there is no approved document	Does not arise	-
4j	Number of settling ponds	No valid proposals exists since there is no approved document	NIL	-

4k	Specific comments of inspecting officer on waste dump management	No valid proposals exists since there is no approved document	The waste dump that exists is insingle terrace of 3.0 m high	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
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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.	The top soil is being concurrently used for plantation	Mineral is persisting at depth. backfilling doesnot arise	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
5b	Area under backfilling of mined out area	The top soil is being concurrently used for plantation	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	The top soil is being concurrently used for plantation	Not applicable	-
5d	Total area fully reclaimed and rehabilitated	The top soil is being concurrently used for plantation	NIL	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	The top soil is being concurrently used for plantation	The M.L.area is yet to be matured for backfilling and restoration	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
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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).	No valid proposals existss sincethere is no approved document	Does not arise	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
6b	Area available for rehabilitation (ha) .	No valid proposals existss sincethere is no approved document	Does not arise	
6c	afforestation done (ha).	No valid proposals existss sincethere is no approved document	0.24 hectars	
6d	No. of saplings planted during the year	No valid proposals existss sincethere is no approved document	NIL	
6e	Cumulative no .of plants	No valid proposals existss sincethere is no approved document	50	

6f	Any other method of rehabilitation	No valid proposals existss sincethere is no approved document	NO
6g	Cost incurred on watch and care during the year	No valid proposals existss sincethere is no approved document	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No valid proposals existss sincethere is no approved document	Not applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid proposals existss sincethere is no approved document	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No valid proposals existss sincethere is no approved document	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid proposals existss sincethere is no approved document	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No valid proposals existss sincethere is no approved document	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No valid proposals existss sincethere is no approved document	It is a active dump

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No valid proposals existss sincethere is no approved document	Not applicable	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No valid proposals existss sincethere is no approved document	Not applicable	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No valid proposals existss sincethere is no approved document	No monitoring is done since it is tiny catagory mine	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No valid proposals existss sincethere is no approved document	It is active mine and mineral is yet to exhaust in working pift and there fore no backfilling,reclamation etc are not taken up	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid proposals exists as there is approved no approved document	Entire ROM is despatched	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid proposals exists as there is approved no approved document	Manual segregation is adopted	
7c	Different grade of mineral sorted out at mines.	No valid proposals exists as there is approved no approved document	No there is only one grade	
7d	Any beneficiation process at mines .	No valid proposals exists as there is approved no approved document	NO	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No valid proposals exists as there is approved no approved document	The ENTIRE rom IS Saleable	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
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Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No valid proposals exists as there is approved no approved document	YES	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
8b	Concurrent use or storage of topsoil	No valid proposals exists as there is approved no approved document	YES	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid proposals exists as there is approved no approved document	Yes seperate dump exists for waste	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid proposals exists as there is approved no approved document	The M.L.area is yet matured	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid proposals exists as there is approved no approved document	Not yet
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No valid proposals exists as there is approved no approved document	YES
8g	Survival rate	No valid proposals exists as there is approved no approved document	15%
8h	Water sprinkling on roads to control airborne dust	No valid proposals exists as there is approved no approved document	NO

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No valid proposals exists as there is approved no approved document	No Aesthetic beauty in and around the M.L.area	Draft modified Minig planU/R 22(6) of Mcr 1960is submitted on 28/01/2016 . Due to followingdeficienc ies 1)Due to non submission of letter from State Government regarding deemed extension of the lease,2)The reserves have not been assed propoerly,3)correc tly&classifiedcorr ectly asper UNFC,,4)The survey of backfilled area with respect topillar K has not been plotted correctly.6)The scrutiny comments have not been attended properly document rejected on11/05/2016
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	YES	In order	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	yes	In order	
9d	Scrutiny of Annual return on afforestation	YES	Poor survival rate	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	YES	Mineral reject is nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	YES	No stock is exists at
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	YES	In order
9h	Scrutiny of Annual return on fixed assets	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	NIL	This is tiny manual mine

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)	20/12/2016	14/08/2017			
Rule 13(1)	20/12/2016	14/08/2017			

Date :

(A.Prabhakar Rao)

Indian Bureau of Mines