INDIAN BUREAU OF MINES
MINERALS DEVELOPMEMT AND REGULATION DIVISION

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/ANP/LST-20/HYD **Mine code : 38APR02028**

(i) Name of the Inspecting Officer and ID No. : **S41) Y M SIVA PRASAD**

(ii) Designation : Assistant Mining Engineer

(iii) Accompaning mine Official with Designation : Shri Satheesh,Son of Mine Owner.

(iv) Date of Inspection : 13/03/2017

(v) Prev.inspection date : 02/11/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **NAGARUR (2.379 HA)**

(b) Registration NO. :

(c) Category : B Manual

(d) Type of Working : Opencast

(e) Postal address

State : ANDHRA PRADESH

District : ANANTAPUR

Village :

Taluka :

Post office :

Pin Code :

FAX No. : -

E-mail : -

Phone : 08558-220992

(f) Police Station :

(g) First opening date : 25/07/1992

(h) Weekly day of rest : SUN

2. Address for correspondance : H.NO.15/1149-10,IVth,ROAD,SANJEEVANAGAR TADIPATRI-515411,ANATAPUR DIST, ANDHRAPRADESH

3. (a) Lease Number : APR0229

(b) Lease area : 2.47

(c) Period of lease : 20

(d) Date of Expiry : 21/06/2027

4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : B.BAYAPU REDDYM/S.GAYATRIMINERALS
15/1149-10,IV ROAD
SANJEEVNAGAR TADIPATRI
ANANTAPUR ANDHRA PRADESH
Phone:-
FAX :-

Owner : SRI B.BAYAPUREDDY
H.NO.15/1149-10,IVth,ROAD,
SANJEEVANAGAR TADIPATRI
ANANTAPUR ANDHRA PRADESH
Phone: 08558-220992
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	There are no valid proposals exists since ther is no Approved review of Mining Plan .	Does not arise	As per the office record the lessee has submitted a draft Scheme of Mining twice and the same were rejected on account of impropoer demarcation of ML area on theground and non submittion of rectified document with in stipulated time period.
1b	Exploration over lease area for geological axis 1 or 2	There are no valid proposals exists since ther is no Approved review of Mining Plan .	Does not arise	The mining operations are under suspension since 13.12.2013.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	There are no valid proposals exists since ther is no Approved review of Mining Plan .	Does not arise and the expenditure is nil.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	There are no valid proposals exists since ther is no Approved review of Mining Plan .	N I L	The entire area ML area is need to be covered under G1 & G2 Scale of exploration.
1f	General remarks of inspecting officers on geology, exploration etc	There are no valid proposals exists since ther is no Approved review of Mining Plan .	N I L	The entire ML area need to be explored with the Trial Pits and Bore holes at closure inerval as per the UNFC norms.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks

2a	Location of development w.r.t.lease area	There are no valid proposals exists since theris no Approved review of Mining Plan.	Does not arise since mine is not in operation.	Mining operations have been suspended under rule 13(2) of MCDR 1988.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There are no valid proposals exists since theris no Approved review of Mining Plan.	Does not arise since mine is not in operation.	
2c	Stripping ratio or ore to OB ratio	There are no valid proposals exists since theris no Approved review of Mining Plan.	Does not arise since mine is not in operation.	
2d	Quantity of topsoil generation in m3	There are no valid proposals exists since theris no Approved review of Mining Plan.	Does not arise since mine is not in operation.	
2e	Quantity of overburden generation in m3	There are no valid proposals exists since theris no Approved review of Mining Plan.	Does not arise since mine is not in operation.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	There are no valid proposals exists since theris no Approved review of Mining Plan.	The mining operations are discontinued as mine is under suspension since December, 2013.Ther exists three pits size ranging from 25 M LX 10 M. WX 3 M D TO 40 M.LX 30 M WX 4 M Depth.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks

3a	Number of pit proposed for production	There are no valid proposals exists since there is no valid Approved review of Mining Plan.	Ther exists three pits size ranging from 25 M LX 10 M. WX 3 M D TO 40 M.LX 30 M WX 4 M D
3b	Quantity of ROM mineral production proposed	There are no valid proposals exists since there is no Approoved review of Mining Plan.	Mining operations are under suspension since December 2013 and thus no production.
3c	Recovery of sailable/usable mineral from ROM production	There are no valid proposals since ther is no valid Approved review of Mining Plan.	Does not arise.
3d	Quantity of mineral reject generation	There are no valid proposals since ther is no valid Approved review of Mining Plan.	Mining operations are under suspension and as such there is no mineral reject exists in the mining lease area..
3e	Grade of mineral rejects generation and threshold value declared.	There are no valid proposals since ther is no valid Approved review of Mining Plan.	Does not arise.
3f	Quantity of sub grade mineral generation.	There are no valid proposals since ther is no valid Approved review of Mining Plan.	Does not arise
3h	Manual / Mechanised method adopted for segregating from ROM	There are no valid proposals since ther is no valid Approved review of Mining Plan.	This is atiny mannual mine and no drilling and blasting is involved.

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	There are no valid proposals since ther is no valid Approved review of Mining Plan.	No.
3k	Provision of mining machineries in mineral benches	There are no valid proposals since ther is no valid Approved review of Mining Plan.There are no valid proposals since ther is no valid Approved review of Mining Plan.	Does not arise.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	There are no valid proposals since ther is no valid Approved review of Mining Plan.	Does not arise
3m	Total area covered under excavation/pits	There are no valid proposals since ther is no valid Approved review of Mining Plan.	0.23 ha.
3n	Ore to OB ratio for the pit/mine during the year.	There are no valid proposals since ther is no valid Approved review of Mining Plan.	Does not arise as the mine is not in operation.
3o	Total area put in use under different heads at the end of year	There are no valid proposals since ther is no valid Approved review of Mining Plan.	The area put to use as on the date of inspection is about 0.753 ha.

3p	Production of ROM mineral during the last five year period as applicable	Ther are no valid proposals since there is no valid review of Approved Mining.	2011-12 = 0 tonnes, 3012-13 = 0 tonnes, 2013-14 = 0 tonnes, 2014-15 = 0 and 2015-16 = 0 tonnes.
3q	General remarks of inspecting officers on method of mining etc.	There are no valid proposals exists since there is no Approved Mining Plan.	N I L

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There are on valid proposals exists since there is no Approved review of Mining Plan.	There exists five small dumps with a height ranging about 1--2 m in single terrace.	
4b	Location of topsoil, OB and mineral reject dumps	There are no valid proposals since there is no Approved review of Mining Plan.	The dumps lie at the pit edge itself.	In draft Scheme of Mining proposals made to shift the dump from the pit edge.
4c	Number of dumps within lease area and outside of lease area	There are no valid proposals since there is no Approved review of Mining Plan.	The dumps lie within the Mining Lease area.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	There are no valid proposals since there is no Approved review of Mining Plan.	All the dumps fall with UPL area.	As said the proposals have made in thedraft SOM for shifting of these dunps.
4e	Number of active and alive dumps.	There are no valid proposals since there is no Approved review of Mining Plan.	All the dumps are active and alive.	

4f	Number of dead dumps.	There are no valid proposals since there is no Approved review of Mining Plan.	N I L
4g	Number of dumps established.	There are no valid proposals since there is no Approved review of Mining Plan.	N I L
4h	Whether Retaining wall or garland drain all along dumps are there.	There are no valid proposals since there is no Approved review of Mining Plan.	No, as these dumps are to be shifted away from the UPL
4i	Length of Retaining wall or garland drain all along dumps	There are no valid proposals since there is no Approved review of Mining Plan.	No retaining and garland drains.
4j	Number of settling ponds	There are no valid proposals since there is no Approved review of Mining Plan.	N I L
4k	Specific comments of inspecting officer on waste dump management	There are no valid proposals since there is no Approved review of Mining Plan.	The proposals have already been made in draft SOM to shift these dumps to away from the UPL area.

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.	There are no valid proposals since there is no Approved review of Mining Plan.	Mineral is persisting at depth and the pit is not matured yet for backfilling.	

5b	Area under backfilling of mined out area	There are no valid proposals since there is no Approved review of Mining Plan.	Does not arise.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	There are no valid proposals since there is no Approved review of Mining Plan.	There is no top soil being productively and concurrently used for afforestation.
5d	Total area fully reclaimed and rehabilitated	There are no valid proposals since there is no Approved review of Mining Plan.	N I L
5e	General remarks of inspecting officers on backfilling and reclamation etc.	There are no valid proposals since there is no Approved review of Mining Plan.	The ML area is yet to mature for backfilling and reclamation.

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).	There are no valid proposals since there is no Approved review of Mining Plan.	Does not arise	
6b	Area available for rehabilitation (ha) .	There are no valid proposals exists since there is no Approved review of MiningPlan.	N I L	
6c	afforestation done (ha).	There are no valid proposals exists since there is no Approved review of Mining Mlan.	N I L	

6d	No. of saplings planted during the year	There are no valid proposals exists since there is no Approved review of Mining Mlan.	N I L
6e	Cumulative no .of plants	There are no valid proposals exists since there is no Approved review of Mining Mlan.	N I L
6f	Any other method of rehabilitation	There are no valid proposals exists since there is no Approved review of Mining Mlan.	N I L
6g	Cost incurred on watch and care during the year	There are no valid proposals exists since there is no Approved review of Mining Mlan.	N I L
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	There are no valid proposals exists since there is no Approved review of Mining Mlan.	N I L
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	There are no valid proposals exists since there is no Approved review of Mining Mlan.	N I L
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Not Applicable

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Not Applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Not Applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Not Applicable
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Not Applicable
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Not Applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	There are no valid proposals exists since there is no Approved review of Mining Mlan.	This is manual tiny category mine and as such no monitring is done.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	There are no valid proposals exists since there is no Approved review of Mining Mlan.	This is manual tiny caregory mine and there are no valid proposals to monitor the evevnts.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There are no valid proposals exists since there is no Approved review of Mining Mlan.	There is no production in the mine for thr last three years as minig operations have been suspended.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Manual	
7c	Different grade of mineral sorted out at mines.	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Enire ROM is saleable.	
7d	Any beneficiation process at mines .	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Except sizing there is no beneficitation.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	There are no valid proposals exists since there is no Approved review of Mining Mlan.	This is a manual mine and the mineral is being segregated and there is no recovery problem and emtire ROM is sodout/ marketed.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There are no valid proposals exists since there is no Approved review of Mining Mlan.	The thin vein of top soil is concurrently and productively used for plantation.	

8b	Concurrent use or storage of topsoil	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Top soil is used concurrently for plantation purpose.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Only one type of dump exists.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	There are no valid proposals exists since there is no Approved review of Mining Mlan.	No, the pits are yet to mature for backfilling.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	There are no valid proposals exists since there is no Approved review of Mining Mlan.	Not Applicable.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	There are no valid proposals exists since there is no Approved review of Mining Mlan.	No
8g	Survival rate	There are no valid proposals exists since there is no Approved review of Mining Mlan.	10% due to no watch and ward.

8h	Water sprinkling on roads to control airborne dust	There are no valid proposals exists since there is no Approved review of Mining Mlan.	No.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	There are no valid proposals exists since there is no Approved review of Mining Mlan.	No aesthitic beauty prevails.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Yes.	The mine is being under suspension, thelessee is submitting returns with nil production.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes.	Rreturns submitted with nil employment.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Given.	
9d	Scrutiny of Annual return on afforestation	Yes.	Nil afforestation as the survival rate is very poor due to lack of watch and ward.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Yes.	N I L	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes.	There is no ROM stock.	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes	Returns are submitted with nil production and thus there is no sale alue ex. mine price etc have been furnished.
9h	Scrutiny of Annual return on fixed assets	No.	N I L
9k	Scrutiny of Annual return on mining machineries	No.	

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(**Y M SIVA PRASAD**)

Indian Bureau of Mines