

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/GNR/LST-40/HYD

**Mine code :** 38APR07040

- (i) Name of the Inspecting : PG01 ) P.GURUVAIAH  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SRI G.CHANDRA SEKHAR,AGM ,(MINES).  
Official with  
Designation
- (iv) Date of Inspection : 22/01/2017
- (v) Prev.inspection date : 18/11/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : PARASAKTI LIMESTONE
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : GUNTUR
- Village : JETTIPALEM
- Taluka : GURAZALA
- Post office : JETTIPALEM
- Pin Code : 522421
- FAX No. : 040-23735244
- E-mail :
- Phone : 08642211962
- (f) **Police Station** : RENTACHINTALA
- (g) **First opening date** : 18/04/2005
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : JETTIPALEM (V), RENTACHINTALA (M),  
GUNTUR DIST.
3. (a) **Lease Number** : APR2609
- (b) **Lease area** : 137.69
- (c) **Period of lease** : 30
- (d) **Date of Expiry** : 11/10/2037
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : PARASAKTHI CEMENT IND. LTD.  
 301, 3RD FLOOR, MANJEERA  
 SQUARE, OPP. MYTHRI  
 HOSPITAL, AMEERPET  
 HYDERABAD HYDERABAD  
 TELANGANA  
 Phone: 040-23745361  
 FAX : 040-23735244

Owner : PARASAKTI CEMENT IND. LTD.  
 301, 3RD, FLOOR, MANJEERA  
 SQUARE, OPP. MYTHRI  
 HOSPITAL, AMEERPET, HYD  
 HYDERABAD TELANGANA  
 Phone: 040-23745362  
 FAX : 040-23735244

Agent : A.SAMBASIVA RAO  
 PARASAKTI CEMENT LTD.,  
 JETTIPALEM, RENTACHINTALA  
 (M) GUNTUR DIST. GUNTUR  
 ANDHRA PRADESH  
 Phone: 9866700011, 08642-223931  
 FAX :

## Mining Engineer

Name : P.SAI RAMA NARAYANA, Full Time  
 Qualification : BE (MINING)  
 Appointment/ : 24/07/2008  
 Termination date

## Geologist

Name : ANJANIPRASAD, Full Time  
 Qualification : M.Sc (tECH)  
 Appointment/ : 24/07/2008  
 Termination date

## Manager

Name : K.V.SUBRAMANYAM SARMA  
 Qualification : DIPLOMA IN MINING ENGINEERING  
 Appointment/ : 06/01/2005  
 Termination date

6. Date of approval of Mining	:	Modif.of approved Mining Plan	08/06/2006
Plan/Scheme of Mining		Modif.of approved Mining Plan	04/05/2007
		Modif.of approved Mining Plan	22/06/2010

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal.	Nil	Nil
1b	Exploration over lease area for geological axis 1 or 2	17 Nos core bore holes with the meterage of 510.	26 nos core bore holes with the meterage of 780.	As per proposal.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Specified.	NRDCS Ltd,# 3-5-886/4/A,Himayatnagar,Hyderabad-500029 & Rs=785214/	NRDCS Ltd,# 3-5-886/4/A,Himayatnagar,Hyderabad-500029 & Rs=785214/
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	Nil
1e	Balance reserve as on 01/04/20	No proposal.	30.391 Million Tons.	30.391 Million Tons.
1f	General remarks of inspecting officers on geology, exploration etc	As per proposal.	As per approved Mining plan.	As per approved Mining plan.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	East & South	East & South	East & South
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Nil	Nil
2c	Stripping ratio or ore to OB ratio	1 ; 0.024%	1 ; 0.024%	1 ; 0.024%
2d	Quantity of topsoil generation in m3	18500	19615	19615
2e	Quantity of overburden generation in m3	No proposal.	Nil	Nil

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	As per approved mining plan.	As per approved mining plan.	As per approved mining plan.
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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1 pit	1 pit	1 pit.
3b	Quantity of ROM mineral production proposed	1800210 Tons.	1035000 Tons.	1035000 Tons.
3c	Recovery of sailable/usable mineral from ROM production	Not Applicable.	Not Applicable.	Not Applicable.
3d	Quantity of mineral reject generation	Not Applicable.	Not Applicable.	Not Applicable.
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable.	Not Applicable.	Not Applicable.
3f	Quantity of sub grade mineral generation.	Not Applicable.	Not Applicable.	Not Applicable.
3g	Grade of sub grade mineral generation	Not Applicable.	Not Applicable.	Not Applicable.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised.	Mechanised.	Mechanised.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Applicable.	Not Applicable.	Not Applicable.
3j	Provision of drilling and blasting in mineral benches	yes.	yes.	yes.

3k	Provision of mining machineries in mineral benches	Yes.	Yes.	Yes.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	As per Approved Mining Plan Height of bench -08 Mts&No of Benches 02.	As per Approved Mining Plan Height of bench -08 Mts&No of Benches 02.	As per Approved Mining Plan Height of bench -08 Mts&No of Benches 02.
3m	Total area covered under excavation/pits	48.5 ha	48.5 ha	48.5 ha.
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.034 %	1 : 0.034 %	1 : 0.034 %
3o	Total area put in use under different heads at the end of year	51.136 ha.	51.136 ha.	51.136 ha.
3p	Production of ROM mineral during the last five year period as applicable	1.8 Million Tons each year from 2011-12 to 2015-16.	2011-12 = 1363910 Mill.Tons.; 2012-13 =1259082 Mill.Tons.; 2013-14 =1061870 M.T ; 2014-15 =1052000 M.T.;2015-16 =1035000M.T.	2011-12 = 1363910 Mill.Tons.; 2012-13 =1259082 Mill.Tons.; 2013-14 =1061870 M.T ; 2014-15 =1052000 M.T.;2015-16 =1035000M.T.
3q	General remarks of inspecting officers on method of mining etc.	As per Approved Mining Plan.	As per Approved Mining Plan.	As per Approved Mining Plan.

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Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	18500 Cum.	19615 Cum.	Top Soil.
4b	Location of topsoil, OB and mineral reject dumps	South	South	South
4c	Number of dumps within lease area and outside of lease area	1 (within lease area)	1 (within lease area)	1 (within lease area)

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Yes.	Yes.	Yes.
4e	Number of active and alive dumps.	1 dump.	1 dump.	1 dump.
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Dump under Formation.	Dump under Formation.	Dump under Formation.
4h	Whether Retaining wall or garland drain all along dumps are there.	Dump under Formation.	Dump under Formation.	Dump under Formation.
4i	Length of Retaining wall or garland drain all along dumps	Dump under Formation.	Dump under Formation.	Dump under Formation.
4j	Number of settling ponds	Dump under Formation.	Dump under Formation.	Dump under Formation.
4k	Specific comments of inspecting officer on waste dump management	Dump under Formation.	Dump under Formation.	Dump under Formation.

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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.	Not Applicable.	Not Applicable.	Not Applicable.
5b	Area under backfilling of mined out area	Not Applicable.	Not Applicable.	Not Applicable.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Applicable.	Not Applicable.	Not Applicable.
5d	Total area fully reclaimed and rehabilitated	Not Applicable.	Not Applicable.	Not Applicable.

5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not Applicable.	Not Applicable.	Not Matured for Back filling.
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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).	Yes.	Yes.	Yes.
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	Nil
6c	afforestation done (ha).	1.523 ha.	1.523 ha.	1.523 ha.
6d	No. of saplings planted during the year	2285	2310	2310
6e	Cumulative no .of plants	No proposal.	23784 .	23784.
6f	Any other method of rehabilitation	No proposal.	Nil	Nil
6g	Cost incurred on watch and care during the year	RS= 500000/	Rs=12,47,000/	Rs=12.47,000/
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not Applicable.	Not Applicable.	Not Applicable.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Applicable.	Not Applicable.	Not Applicable.

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not Applicable.	Not Applicable.	Not Applicable.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Applicable.	Not Applicable.	Not Applicable.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not Applicable.	Not Applicable.	Not Applicable.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not Applicable.	Not Applicable.	Not Applicable.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not Applicable.	Not Applicable.	Not Applicable.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not Applicable.	Not Applicable.	Not Applicable.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly.	Quarterly.	quarterly
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposal.	Not Applicable.	Not Applicable.

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Mineral Conservation:

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Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not Applicable.	Not Applicable.	Not Applicable.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable.	Not Applicable.	Not Applicable.
7c	Different grade of mineral sorted out at mines.	Not Applicable.	Not Applicable.	Not Applicable.
7d	Any beneficiation process at mines	Not Applicable.	Not Applicable.	Not Applicable.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	Nil	Nil

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Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Removal of top soiland utilized for plantation.	Removal of top soiland utilized for plantation.	Removal of top soiland utilized for plantation.
8b	Concurrent use or storage of topsoil	Temporarily dumped at the site located south side as per the Mining plan.	Temporarily dumped at the site located south side as per the Mining plan.	Temporarily dumped at the site located south side as per the Mining plan.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil	Nil
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)	No proposal.	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2285 nos	2310 Nos.	2310 Nos.
8g	Survival rate	90%	80%	80%
8h	Water sprinkling on roads to control airborne dust	Water Sprinklers arranged along the haul roads, crusher hopper and blasting muck file wetting.	Water Sprinklers arranged along the haul roads, crusher hopper and blasting muck file wetting.	Water Sprinklers arranged along the haul roads, crusher hopper and blasting muck file wetting.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal.	Except degraded land and rest of the area is not disturbed.	Except degraded land and rest of the area is not disturbed.

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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.	Yes.	Monthly, annual returns Submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes.	Yes.	yes.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes.	Yes.	Yes.

9d	Scrutiny of Annual return on afforestation	Yes.	Yes.	Yes.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	N.A	N.A	N.A
9f	Scrutiny of Annual return on ROM stock and/or graded ore	N.A	N.A	N.A
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes.	Yes.	Yes.
9h	Scrutiny of Annual return on fixed assets	Yes.	Yes.	Yes.
9k	Scrutiny of Annual return on mining machineries	Yes.	Yes.	Yes.

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**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 :**

(P.GURUVAIAH)

Indian Bureau of Mines