

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/VSK/SPS-1/HYD

Mine code : 20APR19001

- (i) Name of the Inspecting : **DP09**) **D.P.Ravi kumar**
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Shri K.Govinda Rao, QP and DVS Gopala Rao, Lessee.
Official with
Designation
- (iv) Date of Inspection : 22/08/2024
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **CHINTAPAKA(23.13 HA)**
- (b) **Registration NO.** : **IBM/9409/2012**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : ANDHRA PRADESH
District : VISAKHAPATNAM
Village :
Taluka :
Post office :
Pin Code :
FAX No. : Nil
E-mail : semipreciousstones123@gmai.
Phone : 9849584333
- (f) Police Station : ANAKAPALLI
- (g) First opening date : 24/08/2009
- (h) Weekly day of rest : SUN
2. Address for : D.NO:4-46-9/1,PEDA WALTAIR JUNCTION,
correspondance VISAKHAPATNAM.
3. (a) Lease Number : APR3507
- (b) Lease area : 23.13
- (c) Period of lease : 20
- (d) Date of Expiry : 25/08/2029
4. Mineral worked : EMERALD Main

5. Name and Address of the

Lessee : SHRI DVS GOPAL RAO
4-6-9/1, PEDDA WALTAIR
JUNCTION VISAKHAPATNAM
PO&DIST: VISAKHAPATNAM.
VISAKHAPATNAM ANDHRA
PRADESH
Phone:
FAX :

Owner : DVS GOPAL RAO
DVS GOPAL RAO, D.NO:4-46-
9/1, PEDA WALTAIR,
JUNCTION, VISAKHAPATNAM.
VISAKHAPATNAM ANDHRA
PRADESH
Phone:
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 | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office, the same was approved on 30.10.2024 | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office, the same was approved on 30.10.2024 | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office, the same was approved on 30.10.2024. |
| 1b | Exploration over lease area for geological axis 1 or 2 | -do- | -do- | -do- |
| 1c | Exploration Agencies and Expenditure in lakh rupees during the year | -do- | -do- | -do- |
| 1d | Balance area to be explored to bring Geological axis in 1 or 2 | -do- | -do- | -do- |
| 1e | Balance reserve as on 01/04/20 | As per the last approved document, the reserves as on 01/04/2024 are the probable reserves =1736.16 kgs., and possible reserves area=648.96 kgs. | -do- | -do- |

| | | |
|----|--|---|
| 1f | General remarks of inspecting officers on geology, exploration etc | The mine is not working for the last 10 years. Further, lessee has submitted the draft review of mining plan to this office , the same was approved on 30.10.2024. The major rock units in this belt include quartz, garnet, sillimanite (khondalite) and hypersthene bearing granulites and gneisses(charnokites). The main geological formation are belonging to lower precambrian structurally trend towards. |
|----|--|---|

Development :

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|--|---|-------------|---|
| 2a | Location of development w.r.t.lease area | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office , the same was approved on 30.10.2024. | -do- | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office , the same was approved on 30.10.2024. |
| 2b | Separate benches in topsoil, overburden and minerals (Rule 15) | -do- | -do- | -do- |

| | | | | |
|----|--|------|------|--|
| 2c | Stripping ratio or ore to OB ratio | -do- | -do- | -do- |
| 2d | Quantity of topsoil generation in m3 | -do- | -do- | -do- |
| 2e | Quantity of overburden generation in m3 | -do- | -do- | -do- |
| 2f | General remarks of inspecting officers on development of pit w.r.t. type of deposit etc | | | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office , the same was approved on 30.10.2024. |

Exploitation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
|--------|------|-----------|-------------|---------|

| | | | | |
|----|---|--|------|------|
| 3a | Number of pit proposed for production | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. Last mining plan was approved for B manual opencast method of mining. | -do- | -do- |
| 3b | Quantity of ROM mineral production proposed | -do- | -do- | -do- |
| 3c | Recovery of sailable/usable mineral from ROM production | -do- | -do- | -do- |
| 3d | Quantity of mineral reject generation | -do- | -do- | -do- |
| 3e | Grade of mineral rejects generation and threshold value declared. | -do- | -do- | -do- |
| 3f | Quantity of sub grade mineral generation. | -do- | -do- | -do- |
| 3g | Grade of sub grade mineral generation | -do- | -do- | -do- |

| | | | | |
|----|--|------|------|------|
| 3h | Manual / Mechanised method adopted for segregating from ROM | -do- | -do- | -do- |
| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects. | -do- | -do- | -do- |
| 3j | Provision of drilling and blasting in mineral benches | -do- | -do- | -do- |
| 3k | Provision of mining machineries in mineral benches | -do- | -do- | -do- |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | -do- | -do- | -do- |
| 3m | Total area covered under excavation/pits | -do- | -do- | -do- |
| 3n | Ore to OB ratio for the pit/mine during the year. | -do- | -do- | -do- |
| 3p | Production of ROM mineral during the last five year period as applicable | -do- | -do- | -do- |

| | | |
|----|---|--|
| 3q | General remarks of inspecting officers on method of mining etc. | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. |
|----|---|--|

Solid Waste Management - Dumping:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|--|---|-------------|---|
| 4a | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office , the same was approved on 30.10.2024. | -do- | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office , the same was approved on 30.10.2024. |
| 4b | Location of topsoil, OB and mineral reject dumps | -do- | -do- | -do- |
| 4c | Number of dumps within lease area and outside of lease area | -do- | -do- | -do- |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16) | -do- | -do- | -do- |
| 4e | Number of active and alive dumps. | -do- | -do- | -do- |

| | | | | |
|----|--|------|---|---|
| 4f | Number of dead dumps. | -do- | -do- | -do- |
| 4g | Number of dumps established. | -do- | -do- | -do- |
| 4h | Whether Retaining wall or garland drain all along dumps are there. | -do- | -do- | -do- |
| 4i | Length of Retaining wall or garland drain all along dumps | -do- | -do- | -do- |
| 4j | Number of settling ponds | -do- | -do- | -do- |
| 4k | Specific comments of inspecting officer on waste dump management | | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining.further, no waste dump is observed during the inspection, | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining.further, no waste dump is observed during the inspection. |

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. | The mine is not working for the last 10 years. Further, lessee submitted the draft review of mining plan to our office , the same was approved on 30.10.2024. | -do- | -do- |
| 5b | Area under backfilling of mined out area | -do- | -do- | -do- |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32) | -do- | -do- | -do- |
| 5d | Total area fully reclaimed and rehabilitated | -do- | -do- | -do- |
| 5e | General remarks of inspecting officers on backfilling and reclamation etc. | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. Further, The pit is not mined out upto its ultimate pit limit to start backfilling. | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. Further, The pit is not mined out upto its ultimate pit limit to start backfilling. | |

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). | To be submitted by 1st day of July every year | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. |
| 6b | Area available for rehabilitation (ha) . | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. | -do- | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. |
| 6c | afforestation done (ha). | -do- | -do- | -do- |
| 6d | No. of saplings planted during the year | -do- | -do- | -do- |
| 6e | Cumulative no .of plants | -do- | -do- | -do- |
| 6f | Any other method of rehabilitation | -do- | -do- | -do- |
| 6g | Cost incurred on watch and care during the year | -do- | -do- | -do- |

| | | | | |
|----|--|------|------|------|
| 6h | Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D | -do- | -do- | -do- |
| 6i | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings | -do- | -do- | -do- |
| 6j | Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area | -do- | -do- | -do- |
| 6k | Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir | -do- | -do- | -do- |
| 6l | Compliance on reclamation and rehabilitation by backfilling (v)any other specific means. | -do- | -do- | -do- |
| 6m | Compliance of rehabilitation of waste land within lease (i)afforestation | -do- | -do- | -do- |
| 6n | Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha) | -do- | -do- | -do- |

| | | | | |
|----|---|------|------|--|
| 6o | Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation | -do- | -do- | -do- |
| 6p | Compliance of environmental monitoring (core zone and buffer zone) | -do- | -do- | -do- |
| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. | | | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. |

Mineral Conservation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
|--------|------|-----------|-------------|---------|

| | | | | |
|----|---|--|------|--|
| 7a | ROM Mineral dispatch or grade-wise sorting within lease area | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. | -do- | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. |
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical. | -do- | -do- | -do- |
| 7c | Different grade of mineral sorted out at mines. | -do- | -do- | -do- |
| 7d | Any beneficiation process at mines . | -do- | -do- | -do- |

| | | |
|----|--|--|
| 7e | General remarks of inspecting officer on Mineral conservation and beneficiation issues | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. |
|----|--|--|

Environment:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|---|--|-------------|--|
| 8a | Separate removal and utilization of topsoil (Rule 32) | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. | -do- | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. |

| | | | | |
|----|--|------|------|------|
| 8b | Concurrent use or storage of topsoil | -do- | -do- | -do- |
| 8c | Separate dumps for overburden, waste rock, rejects and fines (Rule 33) | -do- | -do- | -do- |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | -do- | -do- | -do- |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | -do- | -do- | -do- |
| 8f | Baseline information on existence of plantation and additional plantation done (Rule 41) | -do- | -do- | -do- |
| 8g | Survival rate | -do- | -do- | -do- |
| 8h | Water sprinkling on roads to control airborne dust | -do- | -do- | -do- |

| | | | |
|----|--|--|--|
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. Further, also observed during the inspection that few bushes and shrubs existed in the Lease area and no other vegetation in the lease. | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. Further, also observed during the inspection that few bushes and shrubs existed in the Lease area and no other vegetation in the lease. |
|----|--|--|--|

Compliance of Rule 45:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|--|---|---|--|
| 9a | Status of submission of Monthly and Annual returns | Monththly and Annual Return to be subnitted in time | Not submitted the monthly and annual returns through online. Further, Iessee has submitted the drfat review of mining plan for their mine and the same was approved on 30.10.2024 | Monthly and annual returns through online. Further, Iessee has submitted the drfat review of mining plan for their mine and same was approved on 30.10.2024. |

| | | | | |
|----|---|---|------|------|
| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | monthly and annual returns through online. Further, Iessee has submitted the drfat review of mining plan for their nine which is under process. | -do- | -do- |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | monthly and annual returns through online. Further, Iessee has submitted the drfat review of mining plan for their nine which is under process. | -do- | -do- |
| 9d | Scrutiny of Annual return on afforestation | -do- | -do- | -do- |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade and quantity) | -do- | -do- | -do- |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore | -do- | -do- | -do- |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price and production cost | -do- | -do- | -do- |
| 9h | Scrutiny of Annual return on fixed assets | -do- | -do- | -do- |

| | | | |
|----|---|--|--|
| 9k | Scrutiny of Annual return on mining machineries | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. | The mine is not working for the last ten years. Further, lessee submitted the draft Review of Mining plan to this office, the same was approved on 30.10.2024. No fresh mining activity observed during the site inspection. The last mining plan was approved for B manual opencast method of mining. |
|----|---|--|--|

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 |
| MCDR17 | Rule 11(1) | 03/10/2024 | | | |

Date :

(D.P.Ravi kumar)

Indian Bureau of Mines