

**GOVERNMENT OF TELANGANA  
ABSTRACT**

MINES & Quarries – Certain amendments to the Telangana State Minor Mineral Concession Rules, 1966 – Notification – Issued.

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INDUSTRIES AND COMMERCE (MINES-I) DEPARTMENT

G.O.Ms.No.37,

Dated: 26-07-2016

Read the following:

1. G.O.Ms.No.1172, Industries (B-1) Dept., dated 04-09-1967.
2. G.O.Ms.No.22, Industries Dept., dated 25-01-1968.
3. G.O.Ms.No.226, Ind. & Com. Dept. dated 25-03-1977.
4. G.O.Ms.No.55, Ind. & Com. (M.I) Dept. dated 26-08-2015.
5. From the Director of Mines & Geology, Hyderabad  
Lr.No.5651/P/2014, dated: 11-04-2016.

**ORDER:**

In the G.O.s 1<sup>st</sup> to 3<sup>rd</sup> read above, orders have been issued for notification of the Andhra Pradesh Minor Mineral Concession Rules, 1966 for grant of prospecting licenses or quarry leases or other mineral concessions in respect of minor minerals and for purposes connected therewith.

2. In the G.O. 4<sup>th</sup> read above, orders have been issued for adaptation of the Andhra Pradesh Minor Mineral Concession Rules, 1966 to Telangana State, as per Section 101 of Andhra Pradesh Reorganization Act, 2014.

3. In the letter 5<sup>th</sup> read above, the Director of Mines and Geology, Hyderabad proposed certain amendments to the Telangana State Minor Mineral Concession Rules, 1966 duly bringing in the concept of quarry plan and feasibility report in respect of existing minor minerals in order to comply with the notifications issued by the Ministry of Environment, Forest and Climate Change, Government of India, which facilitates the State Government for issuance of Environment Clearance both at State Level and the District Level Environment Impact Assessment Authority basing on the extent (>5 Hect., at State level and <5 Hect., at District Level) vide S.O.141 (E), dt: 15.01.2016 and S.O.190 (E), dt:20.01.2016.

4. The Government, after careful consideration of the matter and as per the powers delegated under Section 15 of the Mines and Minerals (Development and Regulation) Act, 1957 (Central Act No.67 of 1957) hereby amends the Telangana State Minor Mineral Concession Rules, 1966.

5. Accordingly, the following Notification will be published in an Extraordinary Issue of Telangana State Gazette dated the 28<sup>th</sup> July 2016.

**NOTIFICATION**

In exercise of the powers conferred by sub-section 1 of section 15 of Mines and Minerals (Development and Regulation) Act, 1957 (Central Act 67 of 1957), the Governor of Telangana hereby issues the following amendments to the Telangana State Minor Mineral Concession Rules, 1966.

**AMENDMENTS**

**In the said rules,**

**(1) in rule-4, after clause (f), the following clause shall be added:**

(g) "Lessee" when used in relation to a quarry, means any person, society registered under the Co-operative Societies Act, 1964, Partnership firm or a firm registered under Companies Act to whom a lease is granted under these Rules.

(Contd.....2)

- (h) (i) "Quarry" means any excavation where any operation is being carried to dug out or extract from a mass of rock by cutting, blasting and it include boreholes, shafts, all open cast workings, all audits, safety structures, all transportation means, any premises for time being used for depositing mine wastes, processing units and other allied activities.
- (ii) "Quarry Lease" means a precise area granted under lease for the purpose of undertaking quarrying operations for winning minerals.
- (i) (i) "Quarry Plan" means a plan prepared under Rule 7-A and scrutinized by the Deputy Director of Mines and Geology on the arrangement for conduct of quarrying in the precise area granted under quarry lease for minerals other than Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles and Gypsum.
- (ii) "Feasibility Report" means a report prepared under Rule 7-A provisions and scrutinized by Deputy Director of Mines and Geology for the extraction of Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles and Gypsum.
- (iii) "Quarry Closure" means steps taken for reclamation, rehabilitation measures in respect of a quarry or part thereof after cessation of quarrying or processing operations in a quarry or part thereof.
- (j) "Recognized Qualified Person" means a person or an agency granted recognition by the Director of Mines and Geology or Indian Bureau of Mines accredited person or consultancy to prepare Quarry Plan.

**2) For rule-5, the following shall be substituted, namely:-**

"5. No person shall undertake quarrying of any minor mineral in any area, except under and in accordance with the terms and conditions of a quarry lease or a permit granted under these rules".

**3) For rule-7, the following shall be substituted, namely:-**

**"7. Preparation of plans and demarcation of the leased area:-** When an application for grant of quarry lease is filed over any area, arrangement shall be made by the Assistant Director to take-up survey and demarcation of the applied area for preparation of a quarry sketch.

The boundaries of surveyed and demarcated area referred to as 'precise area' proposed for any lease shall be with geo-coordinates having geo-referencing of three permanent reference points for later identification of the area. The surveyed and demarcated sketch shall reflect the entire geo-coordinates alongwith reference datum.

After the grant and execution of lease deed, the lease holder shall erect boundary pillars on the geo-referenced points marked on ground during survey of the area and as per the surveyed and demarcated sketch at his own expense in the manner prescribed below:

- (i) Distances between successive pillars shall not exceed 20 Mts around the licensed/leased area.
- (ii) The grantee shall make a bore hole of 4½ inch diameter atleast upto a depth of 15 Mts and fill with RCC as permanent pillars.

The Assistant Director alongwith Surveyor shall inspect the granted and executed area within 30 days from the date of execution of lease deed. The Surveyor shall verify and confirm that the boundary pillars erected by the lessee are as per the geo-coordinates of the area shown in the executed sketch enclosed to the lease deed.

(Contd....3)

**A). Quarry Plan:** The Quarry Plan is a document which prescribes the methodology for conduct of operations for extraction of minerals. Every lease holder shall invariably carry out operations as per the Quarry Plan.

The system of preparation, self certification, scrutiny and monitoring of operations shall be in accordance with the Quarry Plan. It is applicable both for open cast and underground quarries for all minor minerals mentioned in Schedule-I except Gravel, Ordinary Earth, Rehmatti, Morrur, Shingle, Chalcedony Pebbles and Gypsum.

Provided that in case of Gravel, Ordinary Earth, Rehmatti, Morrur, Shingle, Chalcedony Pebbles and Gypsum there shall be a self certified **Feasibility Report** duly mentioning the mineable quantities to be extracted from the precise area, adoption of safety measures during operations alongwith quarry pit abandonment safety Plan.

**B) Quarry Plan a pre-requisite for quarry operations:**

Quarry Plan is a pre-requisite for systematic and scientific development of mineral deposits of open cast and underground quarries. The quarry operations shall be undertaken in accordance with the self certified Quarry Plan prepared by Recognized Qualified Person (RQP) duly scrutinized by the Deputy Director of Mines and Geology concerned.

**Open Cast Quarrying:**

(i) For systematic and scientific development of mineral deposits, open cast quarry operations shall be undertaken in accordance with the Quarry Plan prepared by Recognized Qualified Person (RQP) duly scrutinized by the Deputy Director of Mines & Geology.

(ii) The quarry lease holders, commenced operations before commencement of these rules without Quarry Plan, shall submit a self certified Quarry Plan within six months from the date of commencement of these rules to the Deputy Director of Mines and Geology for its scrutiny.

Provided that if a lease holder fails to submit a self certified Quarry Plan within six months as per sub rule (ii) for the reasons beyond his/her control, shall submit the same within further period of six months alongwith an amount equivalent to one year dead rent as penal fee in head of account 0835-102-81.

Provided further that if any lease holder fails to submit a self certified Quarry Plan within the extended period of six months, such quarry lease shall be determined by the granting authority.

(iii) If the quarry operations are not carried out in accordance with the self certified Quarry Plan or Feasibility Report as the case may be, the Deputy Director on report from the Assistant Director shall issue orders for suspension of quarry operations in the entire lease area or part thereof.

(iv) On compliance of rectifications by the lease holders and report by the Assistant Director, the Deputy Director shall revoke the suspension orders and restore the quarry operations.

(v) The overburden and waste material generated during quarry operations shall not be allowed to be mixed with non-saleable or sub-grade minerals/ores and it shall be stacked separately.

(vi) The modifications to self certified Quarry Plan during the operation of a quarry lease shall require prior scrutiny of Deputy Director concerned.

**(vii) Underground Quarry Operations:**

Though not very often, the minor minerals occur underground, but in case of such occurrences, the operations shall be:

- a) Carried out to achieve optimum mineral recovery.
- b) Planned in accordance with method of stopping with due consideration to the geology and geo-mechanical properties of mineral with reference to the adjoining rock formation.
- c) The size of development of openings, blocks and pillars shall remain stable during the development and stopping stages.
- d) The stopping material shall not cause any disturbance to the surface.
- e) The sub-grade minerals shall be brought to the surface and stacked separately instead of leaving underground.

**Eligibility Criteria for preparation of Quarry Plan:**

Mining Engineers and Geologists registered with the Department of Mines and Geology and having the following educational qualification are eligible for preparation of Quarry Plan and may also carry out modifications of the existing Quarry Plan.

A degree in Mining Engineering or post-graduate degree in Geology awarded by a University established or incorporated by or under a Central Act, a Provincial Act or a State Act, including any institution recognized by the University Grants Commission established under Section 4 of the University Grants Commission Act, 1956 or any equivalent qualification granted by any University or Institution outside India with professional experience of five years of working in a supervisory capacity in the field of mining or mineral administration after obtaining a degree or qualification required.

**Model Quarry Plan:**

The Quarry Plan shall be prepared broadly following the model format given in **Form-W** or Feasibility Report covering broad Geological and quarry aspects as the case may be. The Quarry Plan or Feasibility Report as the case may be, shall be certified by the lessee/applicant in **Form-W(A)**.

The Recognized Qualified Person shall upload the Quarry Plan in Mines & Geology Department website alongwith certificates in **Form-W(A) & W(B)(RQP Certificate)** and also submit hard copy to the Deputy Directors concerned, with a treasury challan of Rs.5000/- towards non-refundable scrutiny fee.

**Scrutiny of Quarry Plan:**

- (a) The Deputy Director concerned shall scrutinize the uploaded Quarry Plan/Scheme of Quarrying/Feasibility Report/Progressive Quarry Closure Plan/Final Quarry Closure Plan by the applicant/lease holder as the case may be after inspecting the précised area.
- (b) The copies of scrutinized Quarry Plan or in-complete Quarry Plan with the reasons in writing shall be upload in the Departmental website within 30 days from the date of online submission or otherwise the same will be treated as deemed scrutinized.

- (c) The Deputy Director concerned shall inspect the deemed scrutinized Quarry Plan area for Quarry Lease within 30 days from the date of deemed scrutinized Quarry Plan. In case, if deviations noticed, the Deputy Director shall recommend for modification of Quarry Plan and till the rectification, the quarrying operations in that part of the leased area shall remain suspended.
- (d) Every self certified Quarry Plan duly scrutinized under these rules shall be valid for the entire duration of the lease:

Provided the lessee shall submit Progressive Quarry Scheme for every five years before three months of the completion of the five year scheme.

- (e) Assistant Director in whose jurisdiction the quarry lease exist, shall monitor the implementation of approved Quarry Plan/Feasibility Report. In case of non-compliance of Quarry Plan conditions the Assistant Director shall submit report to Deputy Director concerned.
- (f) The lessee shall keep all records pertaining to Quarry Plan, working Plans, sections and other related documents at quarry site and produce readily to the inspecting officer.

**(viii) Quarry Closure:**

During/after the extraction of the minerals the lease holders shall take necessary steps for reclamation of the mined out area as per progressive quarry closure or final quarry closure Plan. For compliance of quarry closure, the lease holder shall:

- a) Furnish Financial Assurance of Rs.25000/- per Hectare in shape of Letter of Credit/Bank Guarantee from any Scheduled Bank drawn in favour of Assistant Director concerned at the time of execution of lease deed.
- b) Release of financial assurance shall be effective upon the notice given by the lessee for the satisfactory compliance of the provisions contained in the mine closure Plan.
- c) The Owner/Agent shall not abandon a quarry or a part of quarry during the subsistence of lease except with prior permission in writing from the Deputy Director or the authorized officer.
- d) The Owner or Agent of every quarry lease or quarry lease shall send to the Deputy Director or to an authorized officer a notice of his intension to abandon a quarry or a part of a quarry atleast 90 days before the intended date of such abandonment.
- e) The Owner or Agent shall not abandon the quarry or part thereof unless a final quarry closure Plan duly scrutinized by the Deputy Director or an authorized officer in this behalf as the case may be is implemented.
- f) The Deputy Director or an authorized officer may by an order in writing reject abandonment proposal or allow as the case may be to be done with such modifications as the officer may specify in the order.
- g) The Owner or Agent shall have the responsibility to ensure that the protective measures contained in the quarry closure Plan have been carried out in accordance with the self certified Quarry Closure Plan.

**4) in rule 9, for clause (iii), the following shall be substituted namely:-**

(iii) Every application for minor minerals other than Sand, Granite, Marble and minerals in Schedule-I Part-A, required to meet the immediate or timely requirements, the Assistant Director may permit to carry on quarrying operations on payment of Seigniorage Fee etc, subject to submission of Feasibility Report, Environmental Clearance and Consent for Operation.

**5) After rule 9-A, the following rule shall be inserted, namely:-**

**"9- B. Regulation of quarrying and transportation of minor minerals by Consuming Departments.**

The compliance of the Government orders issued in G.O.Ms.No.23, Irrigation and Command Area Development (PW:COD) Department dt:05.03.1999 and G.O.Ms.No.94, Irrigation and Command Area Development (PW-COD) Department dt.01.07.2003 shall be with due adherence to submission of Quarry Plan, Environmental Clearance, Consent for Operation under these rules. The contractor executing civil works for Consuming Departments shall either obtain a quarry lease or permit or may procure minor minerals from the existing quarry lease holders.

If the contractors executing civil works for Consuming Departments intends to obtain a quarry lease or permit under these rules, shall submit application alongwith a copy (s) of civil work allotment orders issued by the competent authority in the Consuming Department duly specifying the period required for extraction of minor minerals to the Asst. Director of Mines & Geology concerned.

The competent authority under these rules shall grant quarry lease or permit after due compliance of the statutory requirements for obtaining a lease or permit by the contractor.

The contractor shall pay security deposit, dead rent, financial assurance before execution of lease deed, the Assistant Director of Mines and Geology concerned shall issue work orders specifying the purpose for grant of quarry lease.

During the lease period, the contractor shall dispatch minor minerals alongwith 'Seigniorage Fee Exempted' transit forms to be issued by the Asst. Director of Mines & Geology concerned duly mentioning the details of work, place of activity and name of the Consuming Department for transportation of minor minerals from the quarry leased or permitted area.

During the subsistence of quarry lease or permit, the contractor shall furnish seigniorage fee recovery statement alongwith quantities of minor minerals utilized, to be issued by Consuming Department with statement on the recovery of Seigniorage Fee at source. The contractor shall pay the contribution towards District Mineral Foundation and State Mineral Exploration Trust to the Asst. Director concerned.

Provided that the contractor may also dispatch minor minerals to other than the Consuming Department but it shall be subject to payment of Seigniorage Fee, contribution towards District Mineral Foundation and State Mineral Exploration Trust in advance and obtain dispatch permits alongwith seigniorage fee paid transit forms.

The contractor shall furnish accounts to the Assistant Director concerned on the quantities of minor minerals dispatched to other than the Consuming Department for annual assessment.

Provided further that the contractor shall maintain separate accounts on the quantities of minor minerals dispatched to the Consuming Department as well as outside.

(Contd....7)

Provided further that the contractor shall maintain separate accounts on the quantities of minor minerals dispatched to the Consuming Department as well as outside.

The quantity of minor minerals supplied by the contractor to the Consuming Department as well as other than the Consuming Department in a financial year shall be reflected in the annual mineral revenue assessment separately. The quantity of minor minerals under 'Seigniorage Fee Exempted' supplied to Government works shall be reconciled with the Seigniorage Fee recovery statement furnished by the Consuming Department for accountability.

After supply of the required minor minerals, if the contractor intends to surrender the quarry lease or permit, it shall be by submission of a notarized declaration and obtain acknowledgement from the Assistant Director concerned, who shall take action with due inspection of the area by handing over the area to the Village Panchayat Secretary for watch and ward. The Asst. Director concerned shall take necessary action for acceptance of surrender of quarry lease by the granting authority.

Alternatively, if the contractor intends to procure minor minerals from the existing lease holders, he shall enter into an agreement with the existing lease holder (s) for supply of specified quantity of minor minerals for utilization in Government works as per the estimated quantity in the agreement. Upon production of work allotment orders and agreement by the lease holder, the Assistant Director of Mines and Geology concerned shall issue 'Seigniorage Fee Exempted' transit forms for transportation of minor minerals.

Provided that the existing quarry lease holders intending to supply minor minerals to Consuming Departments shall be within the proposed projected production and dispatches as per approved Quarry Plan, Environment Clearance and Consent for Operation per annum. If not, the lease holder shall obtain revised approved Quarry Plan, Environment Clearance and Consent for Operation from the competent authority before commencement of supply of minor minerals to the contractors of Consuming Departments.

The quantity of minor minerals supplied by every lease holder to the contractors of Consuming Department in a particular year shall be reflected in the annual mineral revenue assessment separately under 'Seigniorage Fee Exempted' for accountability.

**6) In rule 12, after sub-rule (3), the following shall be added at the end:**

On receipt of proposals, the Deputy Director shall take an inprinciple decision proposing to grant the precise area as per the preference under sub-rule (3) and communicate the decision to the applicant subject to obtaining Quarry Plan, Environmental Clearance and Consent for Establishment from the competent authorities.

**7) For rule-13, the following shall be substituted namely:**

**"13.** (i) The Deputy Director shall dispose the application for quarry lease except Granite, Marble, Sand and (31) minerals notified as minor minerals. In the event of default on the part of the applicant, non-submission of mineral dues certificate or any other material paper as required by the Department may reject the application.

(ii) (a) The lessee shall file application for renewal of quarry lease for minor minerals except Granite, Marble, Sand and (31) minerals notified as minor minerals alongwith necessary statutory clearances issued by the competent authorities required for further continuation of quarry operations in the area for renewal or otherwise the application shall be treated as ineligible for renewal.

(Contd....8)

(b) The Deputy Director shall grant renewal of quarry lease for a further period as per Rule-15 till exhaust of mineral as per Self Certified Quarry Plan before expiry of the lease period or otherwise the lease become deemed renewed until disposal of renewal application provided the lease holder carried quarry operations as follows:

- i) No record of violation of Rules and breaches of terms and conditions of lease deed.
- ii) Systematic development of quarry with effective waste management and conservation of mineral.
- iii) Investment on development of transport and establishment of a value added industry.
- iv) Implementation of Progressive Quarry Closure Plan.
- v) Adoption of latest quarrying techniques and generation of employment.
- vi) Measures of social responsibility.
- vii) Any other information envisaged by the Deputy Director for grant of renewal."

**8) For rule-15, the following shall be substituted namely: -**

"15 i) The period of quarry lease for all minor minerals except Gravel, Ordinary Earth, Rehmatti, Morrur, Shingle, Chalcedony Pebbles, Gypsum and Sand, the period of lease and their renewals shall be 20 years.

ii) In case of Gravel, Ordinary Earth, Rehmatti, Morrur, Shingle, Chalcedony Pebbles and Gypsum, the period of lease and their renewals shall be 5 years."

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA STATE)

ARVIND KUMAR  
PRINCIPAL SECRETARY TO GOVERNMENT & CIP

To

The Commissioner of Printing, Stationary & Stores Purchase (Ptg. Wing)  
Hyderabad. (He is requested to publish the above Notification in the Extra-Ordinary issue of Telangana Gazette, and arrange to send 2500 copies of the same to Government in Industries & Commerce (M.I) Dept.,).

The Director of Translation, Telangana, Hyderabad. (He is requested to furnish the Telugu version of the Notification direct to the Commissioner, Printing, Stationary & Stores Purchase (Ptg. Wing), Hyderabad)

The Director of Mines and Geology, Telangana State, Hyderabad.

The Vice Chairman & Managing Director, Telangana State Mineral Development Corporation Ltd., Hyderabad.

All the District Collectors/Joint Collectors in the State of Telangana.

The Irrigation & CAD Department.

The Transport, Roads & Buildings Department

The Panchayat Raj & Rural Development Department

The Revenue Department.

The Director General of Police, Hyderabad

The Commissioner of Rural Development, Hyderabad.

The Commissioner of Transport, Hyderabad.

The Commissioner of Panchayat Raj, Hyderabad

All the Departments of Telangana Secretariat.

The Director, Ground Water Department.

The Member-Secretary, Telangana State Pollution Control Board, Hyderabad.

The Engineer-in-Chief, Irrigation Department.

(Contd....9)



**Copy to :**

P.S. to Principle Secretary to the Hon'ble Chief Minister.  
P.S to Hon'ble Minister for Mines and Geology.  
P.S. to Hon'ble Minister for Panchayat Raj & Information Technology.  
P.S. to Hon'ble Minister for Irrigation.  
P.S. to Chief Secretary to Government.  
P.S. to Secretary to Government & CIP, Ind. & Com Dept.  
P.S. to Secretary to Government, Ind. & Com. Dept.,  
The Joint Directors/Deputy Directors/Assistant Directors of Mines and  
Geology Dept., through the Director of Mines & Geology, Hyderabad.  
The Law (A) Department.  
The General Administration (Cabinet) Department.  
Sf/Sc.(C.No.8613/M.I(1)/2015)

//FOREWARDED : : BY ORDER//

SECTION OFFICER

**Form-W**  
(See Rule 7-B)

**FORMAT FOR PREPARATION OF QUARRY PLAN/SCHEME OF MINING/FEASIBILITY REPORT INCLUDING MINE CLOSURE PLAN**

As per Rule 7-B, quarry plan shall incorporate tentative scheme of quarrying and annual program and plan for excavation from year to year for 5 years and the format is based on the above concept alongwith the other provisions.

All years are financial years except for fresh grant cases where it is I, II, III, IV and V year. Quarry Plan/Scheme of quarrying (review of the Quarry plan) is to be prepared lease-wise.

If more space is needed to fill out a block of information, use additional sheets and attach to the form.

All the plans and sections may be in accordance with MCDR, 1988 and MMR, 1961.

1.0 **General**

|      |  |  |
|------|--|--|
| i)   | <b>Name of applicant/lessee:</b>   |  |
| ii)  | <b>Address:</b>  |  |
|      | District   |  |
|      | State  |  |
|      | Pin code   |  |
|      | Phone  |  |
|      | Fax  |  |
|      | Mobile No.   |  |
|      | Email Id   |  |
| iii) | <b>Status of applicant/lessee:</b><br>Private Individual/Co-operative Association/Private Company/Public Limited Company/Public Sector Undertaking/Joint Sector Undertaking/Other (Please specify) |  |
| iv)  | Mineral (s) which is/are included in the prospecting license (For Fresh grant)   |  |
| v)   | Mineral (s) which is/are included in the letter of intent/lease deed   |  |
| vi)  | Mineral (s) which is the applicant/lessee intends to mine  |  |
| vii) | Name of a person employed under clause (c) of Sub Rule (1) of Rule 42 of MCDR, 1988 preparing Quarrying Plan   |  |
|      | Address  |  |
|      | Phone No.  |  |
|      | Mobile No.   |  |
|      | Fax No.  |  |
|      | Email. ID  |  |

|  |                     |  |
|--|---------------------|--|
|  | Designation         |  |
|  | Date of appointment |  |
|  |                     |  |
|  |                     |  |
|  |                     |  |

2.0 **LOCATION AND ACCESSIBILITY**

|      |  |  |
|------|--|--|
| a)   | Lease Details (Existing Quarry):   |  |
| i)   | Name of Mine   |  |
| ii)  | Lat/long of any boundary point   |  |
| iii) | Date of grant of lease   |  |
| iv)  | period /Expiry Date  |  |
| v)   | Name of lessee   |  |
| vi)  | Postal Address   |  |
|      | Telephone No.  |  |
|      | Fax No.  |  |
|      | Email ID   |  |
|      | Mobile No.   |  |
| b)   | Details of applied/lease area with Precise area demarcation lease sketch duly certified by the State Government alongwith complete demarcation report giving co-ordinates of all boundary pillars. |  |

| Forest  |          | Non-forest  |          |
|---|----------|---|----------|
| Forest (specify) Division, Range, Beat and Compartment. | Area(Ha) | (i) Waste land<br>(ii) Grazing land<br>(iii) Agriculture land<br>(iv) Others (specify | Area(Ha) |
|   |          |   |          |

|      |  |  |
|------|--|--|
| i)   | Total lease area/applied area  |  |
| ii)  | District & State   |  |
| iii) | Taluka   |  |
| iv)  | Village  |  |
| v)   | Whether the area falls under Coastal Regulation Zone (CRZ)? If yes, details thereof. |  |
| vi)  | Existence of public road/railway line, if any nearby and approximate distance        |  |
| vii) | Topo-sheet No. with latitude & longitude of all                                      |  |

|       |  |  |
|-------|--|--|
|       | corner boundary point/pillar   |  |
| viii) | Attach a general location map showing area and access routes. It is preferred that the area be marked on a Survey of India topographical map or a cadastral map or forest map as the case may be. However, if none of these are available, the area may be shown on an administrative map. |  |

### 3.0 Technical details:

|                 |   |  |
|-----------------|---|--|
| i)              | Introduction  |  |
| ii)             | Infrastructure and communication  |  |
| iii)            | Geology and Exploration   |  |
|                 | Physiography  |  |
|                 | Topography  |  |
|                 | Regional Geology  |  |
|                 | Geology of the area   |  |
|                 | Details of prospecting/mining already carried-out   |  |
| iv)             | Estimation of geological reserves   |  |
|                 | Geometry of the deposit   |  |
|                 | Method of estimation of reserves  |  |
|                 | Categorization of reserves:   |  |
|                 | a) Total geological reserves  |  |
|                 | b) Reserves in UNFC Code  |  |
|                 | c) Reserves blocked under buffer zone   |  |
|                 | d) Reserves blocked under slopes  |  |
|                 | Total mineable reserves:  |  |
|                 | a) Extraction of market grade reserves.   |  |
|                 | b) Recovery (proved)  |  |
|                 | c) Recovery (probable)  |  |
| d) Life of mine |   |  |
|                 | Economic marketable reserves  |  |
| v)              | Mining:   |  |
|                 | Method of mining  |  |
|                 | Beneficiation (If required)   |  |
|                 | Drilling & Blasting   |  |
|                 | Production proposed for five years  |  |
|                 | Men & Machinery   |  |
|                 | Details of stockyard, Non-saleable stock, waste dump, Site services, Explosive magazine, etc. |  |
| vi)             | Market analysis   |  |

|                       |   |                                 |
|-----------------------|---|---------------------------------|
| vii)                  | Waste management plan   |                                 |
|                       | Measures to be adopted for solid waste  |                                 |
|                       | Liquid waste (Measures to control mine drainage, runoff from waste dumps)   |                                 |
| viii)                 | Environmental management plan   |                                 |
|                       | Baseline information  |                                 |
|                       | Existing land use pattern   |                                 |
|                       | Water regime  |                                 |
|                       | Flora & Fauna   |                                 |
|                       | Quality of air, ambient noise level and water   |                                 |
|                       | Climatic condition  |                                 |
|                       | Human settlements   |                                 |
|                       | Public buildings, places & monuments  |                                 |
|                       | Whether the area partly or fully fall under notified Water (Prevention & Control of Pollution) Act, 1974  |                                 |
|                       | ix)   | Environmental impact assessment |
| Land degradation      |   |                                 |
| Air quality           |   |                                 |
| Noise levels          |   |                                 |
| Vibration levels      |   |                                 |
| Socio-economics       |   |                                 |
| x)                    | Environment management  |                                 |
|                       | Temporary utilization of top soil   |                                 |
|                       | Year-wise proposal for reclamation of land affected by mining activities in first/subsequent five years   |                                 |
|                       | In case of abandoned quarries/pits, proposal for uses reservoir, size, water holding capacity and its utilization                                 |                                 |
|                       | Programme for afforestation year-wise for the first years indication the No. of plants with name of species to be afforested with extent of area. |                                 |
|                       | Stabilization and vegetation of dumps alongwith waste dump management year-wise.  |                                 |
|                       | Measures to control erosion/sedimentation of water courses  |                                 |
|                       | Treatment and disposal of water from mines  |                                 |
|                       | Measures for minimizing adverse affects on water regime.  |                                 |
|                       | Protective measures for ground vibrations.  |                                 |
|                       | Measures for protecting historical monuments and for rehabilitation of human settlements likely to be disturbed due to mining activity.           |                                 |
|                       | Socio-economic benefits arising from the mining.  |                                 |
|                       | Site services   |                                 |
| Any other information |   |                                 |

**Form – W(A)**

(See Rule 7-B)

**SELF CERTIFICATION BY THE APPLICANT**

I..... son/daughter/wife/Managing  
Director/Managing Partner/Proprietor of ..... being  
lessee/owner/nominated owner/legal heir  
of ..... (Name of proposed mine/lease) over an area  
of ..... Ha Located in Sy. No.....  
Village ..... Mandal ..... of .....  
Police Station in the State of .....

I do solemnly certify that the information furnished in the quarry plan/scheme of mining/feasibility report is correct and based on the facts to the best of my knowledge and nothing has been concealed/suppressed/circumvented/misrepresented during preparation of document which may directly or indirectly affect the implementation of the document for execution of the work in the field.

I also do hereby certify that all the rules and regulations viz., the Telangana State Minor Mineral Concession Rules, 1966 alongwith Mines Act, 1952 rules made thereunder, Granite Conservation and Development Rules, 1999, Marble Conservation and Development Rules, 2002, Mineral Conservation and Development Rules, 1988 and Metalliferous Mines Regulations, 1961 have been taken into consideration and nothing in contravention to above referred rules have been furnished in the quarry plan/scheme of mining/feasibility. I am also fully aware that I am solely responsible for implementation of proposals furnished in the document for which the self certification is being signed by me in the document. I stand fully responsible and liable to face the consequences, legal or otherwise as laid down in the statutes or any penalty or fine as may be imposed or ordered by the competent authority for any kind of breach or failure in implementation of the proposals contained therein.

(Name & Signature of the owner/lessee)

**Form – W(B)**  
**(See Rule 7-B)**

**RECOGNIZED PERSON CERTIFICATE**

The provisions of the Telangana State Minor Mineral Concession Rules, 1966 alongwith Mines Act, 1952 rules made thereunder, Granite Conservation and Development Rules, 1999, Marble Conservation and Development Rules, 2002, Mineral Conservation and Development Rules, 1988 and Metalliferous Mines Regulations, 1961 have been observed in the preparation of the *Quarry Plan/Scheme of Quarrying* for *(Name of Mine)*..... **Mine** over an area of **(area in hect)** ..... hect, of M/s **(Name of Owner/Company/Organization)** ..... In **(Village name)** ..... P.O. **(Post office name)** ..... District **(District Name)** ..... of **(State name)** ..... State and whenever specific permissions are required, the applicant will approach the concerned Government authorities as appropriate.

The information furnished in the *Quarry Plan/Scheme of Quarrying/Feasibility Report* is true and correct to the best my/our knowledge. I/we abide by any order passed by Mines & Geology Department, if any contravention of Act & Rules is found in this matter.

(Name of RQP)

Place: .....

Date: .....