

कार्यालय- निदेशक,
भूतत्व एवं खनिकर्म इकाई,
भोपालपानी पो 0 बडासी
उत्तराखण्ड- देहरादून।

संख्या 1762/खनन/गौण खनिज-माईनिंगप्लान/28/भू0खनि0ई0/2015-16

दिनांक 31 अक्टूबर 2015

कार्यालय - ज्ञाप

उत्तराखण्ड उपखनिज परिहार नियमावली-2001 के नियम-34(4) के अधीन प्राप्त अधिकारों एवं उत्तराखण्ड शासन औद्योगिक विकास विभाग के कार्यालय ज्ञाप संख्या 844/VII-I/2015/68-ख/2015 दिनांक 31 जुलाई, 2015 यथा संशोधन कार्यालय ज्ञाप संख्या 1589/VII-I/2015/68-ख/2015 दिनांक 07 अक्टूबर 2015 द्वारा प्रख्यापित गौण खनिज नीति-2015 के प्रस्तर (दो)(1) के अनुसार खनन योजना का अनुमोदन का प्राधिकार निदेशक, भूतत्व एवं खनिकर्म को दिये जाने के दृष्टिगत खान मंत्रालय भारत सरकार के अधिसूचना सं 0 का0आ0 423(अ) दिनांक 10 फरवरी 2015 द्वारा 31 खनिजों को घोषित गौण खनिजों की खानों में खुली खान पद्धति (Open Cast Mine) से कार्य किये जाने के लिए माईन प्लान /माईन क्लोजर प्लान/स्कीम आफ माईनिंग के अनुमोदन हेतु निम्नानुसार गाईड लाईन प्रख्यापित की जाती है:

Guide Line of Mine Plan, Mine Closure Plan, & Scheme of Mining

0.1 General

c) Name of applicant/lessee _____
Address _____
District _____ State _____ Pin code _____
Phone _____ Fax _____ Mobile No. _____ Email id. _____

d) Status of applicant/lessee
Private Individual _____ Co-operative Association _____
Private Company _____ Public limited Company _____
Public Sector Undertaking _____
Joint Sector Undertaking _____
Other (Please Specify) _____

C) Mineral (s) which is/are included in the prospecting license (For Fresh grant)

d) Mineral (s) which is/ are included in the letter of Intent/lease deed _____

e) Mineral (s) which is the applicant/lessee intends to mine _____

F) Name of Recognised Person scheme of Mining/Mine Close Plan _____

Address _____
Phone _____ Fax _____ Email id _____
Mobile No. _____
Registration No. _____
Date of Grant/Renewal _____
Valid upto _____
Tin No/Pan No _____

2.0 i) List of Annexures

ii) List of Plates

3.0 LOCATION AND ACCESSIBILITY

a) Lease Details (Existing Mine)

Name of mine Lat/long of any boundary point.....

Date of grant of lease Period/Expiry Date

Name of leaseholder

Postal Address

.....

Telephone Fax email id Mobile No.

b) Details of applied/area with location map (fresh area/mine)

Forest		Non- Forest	
Forest (specify)	Area (ha)	1- Waste land, 2- Grazing land, 3- Agriculture land, 4- Others (specify)	Area (ha)

Total lease area/applied area

District & State

Taluka Village

Whether the area falls under Coastal Regulation Zone (CRZ) ? if yes, details Existence of public road/railway line, if any nearby and approximate distance

Toposheet No. with latitude & longitude of all corner boundary point/pillar

c) 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.

4.0 DETAILS OF APPROVED MINING PLAN/SCHEME OF MINING (if any)

4.1 Date and reference of earlier approved Mp/SOM

4.2 Details of last modification if any (for the previous approved period) of approved MP/SOM, indicating date of approval, reason for modification

4.3 Give review of earlier approved proposal (if any) in respect of exploration, excavation, reclamation etc.

4.4 Give status of compliance of violations pointed out by IBM/District Magistrate/Deptt. Geology and Mining office or other specified person appointed by Government or Director Geology & Mining.

4.5 Indicate and give details of any suspension/closure/prohibitory order issued by any Government agency under any rule or Court of law

4.6 In case the MP/SOM is submitted for approval of modification, specify reason and justification for modification.

4 - Geology and Reserves

4.1.4 **Physiography** : The aspects to be looked into are topography of terrain, drainage pattern, vegetation, climate, rainfall data of the area applied/mining lease area.

4.1.5 **Geology** : Surface geological map with contour interval maximum of 10 meter on a scale of 1:2000/1:1000 may be examined for features detailed below :

- VI) Disposition of all lithological units with clear nomenclature and their descriptions.
- VII) Contacts of lithounits/rock types traced or inferred.
- VIII) Attitudes like strike and dip available in adequate numbers.
- IX) Structural features such as joints, folds, faults and their attitudes.
- X) Delineation of mineralized/ore zones with definite demarcation of observed and inferred.

4.1.6 **Details of Exploration already carried out.**

4.1.3.1 **Expolaration proposed to be carried out (in case adequate total reserves is not established for the tenure of lease)**

4.1.4 **Reserve/Resource Estimation :**

4.1.4.1 **Parmeters For Estimation :**

5.0 **Mining :-**

5.1 **Opencast mining :**

(i) Existing method of Mining

(ii) proposed method of Mining

(iii) Last five year production Target & achievement

(iv) Proposed five year production target.

5.2 **Plans and sections :**

5.3 **Blasting :**

5.4 **Mine Drainge :**

5.5 **Disposal of waste :**

5.6 **Storage and preservation of top soil :**

5.7 **Proposal for reclamation of land affected by mining activities :**

5.8 **Measures for dust suppression :**

5.9 **Measures to minimize vibration due to blast and check noise pollution :**

5.10 **Tailing Dam :**

5.11 **Guidelines for scrutiny with respect to mineral beneficiation.**

5.12 **How many time penalty imposed upon lessee against illegal Mining.**

5.13 **Employment Potential /Mine Manegement Plan**

5.14 **Environment Manegement Plan**

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6.0 (i) NOC from land owners should be provided along with Khasra map for the area where mining proposed for five years.

A. CONSENT LETTER/UNDRTAKING/CERTIFICATE FROM THE APPLICANT :

01. The Mining Plan/Scheme of Mining is respect of (Name of Mine) Mine over an area of (Area in Hact), in (Village), P.O. (Name of Post office), District (Name of District), (Name of State), Uttarakhand Notification No. 844/VII-1/2015/68-kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07.10.2015 has been prepared by RQP (name of RQP).

This is to request the Director, Geology and Mining Department, Uttarakhand Dehradun to Make any further correspondence regarding any correction of the Mining Plan/Scheme of Mining with the said recognized person at his address below :-

(Full name of RQP and address)

We hereby undertake that all modifications/updating as made in the said Mining Plan/Scheme of Mining by the said recognized person be deemed to have been made with our knowledge and consent and shall be acceptable on us and binding in all respects.

2. It is certified that the Progressive Mine Closure plan of (Name of Mine) Mine of (Owner's name/Company name) over an area of (Area in Ha.) complies with all statutory rules, Regulations, Orders Made by the Central or State Government, Statutory organization, Court etc which have been taken into consideration and wherever any specific permission is required the lessee will approach the concerned authorities.

The information furnished in the Progressive Mine Closure plan is true and correct to the best of our knowledge and records.

3. "The provisions of Mines Act, Rules and Regulations made there under hectares indistrict instate belonging to (Name of Mine) Mine and where specific permissions are required, the applicant will approach the D.G.M.S. Further, standards prescribed by D.G.M.S, in respect of miners' health will be strictly implemented".

4. I authorize RQPto submit mining plan/scheme of Mining for approval and collect the approved copy of mining plan/scheme of mining on my behalf.

Sign of Lessee/Applicant

CERTIFICATE FROM RQP :

The provisions of the Uttarakhand Miner Mineral Concession Rules, 2001 have been observed in the preparation of the Mining plan/Scheme of Mining for (Name of Mine) Mine over an area of (area in hect), of M/s (Name of owner/Compant/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 authorities of Director, Geology and Mining Department, Dehradun.

The information furnished in the Scheme of Mining is true and correct to the best of our knowledge.

Place :

(Name of Recognised Person) Date :

Recognised Person

Reg. No.

CS

**GUIDELINE FORMAT OF PROGRESSIVE MINE CLOSURE PLAN (PMCP) FINAL MINE CLOSURE
PLAN (FMCP) Preamble**

1. Introduction
 - 1.1 Reasons for closure :
 - 1.2 Statutory obligations :
 - 1.3 Closure Plan preparation :
2. Mine Description'
 - 2.1 Geology :
 - 2.2 Reserves :
 - 2.3 Mining Method :
 - 2.4 Mineral Beneficiation :
3. Review of Implementation of Mining Plan/Scheme of Mining including five years Progressive Closure Plan upto final closure of mine :
- 4.
5. Closure Plan :
 - 5.1 Mined Out Land :
 - 5.2 Water Quality Management K
 - 5.3 Air Quality Management :
 - 5.4 Waste Management :
 - 5.5 Top Soil Management :
 - 5.6 Tailing Dam Management :
 - 5.7 Infrastructure :
 - 5.8 Disposal of Mining Machinery :
 - 5.9 Safety and Security :
 - 5.10 Disaster Management and Risk Assessment :
 - 5.11 Care and maintenance during temporary discontinuance :
6. Economic Repercussions of Closure of mine and manpower retrenchments :
7. Time Scheduling for abandonment :
8. Abandonment Cost :
9. Financial Assurance :

(6)

Model Bank Guarantee Form :

Form No. _____

The Director Geology & Mining Department,
Dehradun

Dear Sirs,

Guarantee No. _____

Amount of Guarantee Rs. _____

Guarantee Period from _____ to _____

Last date for lodgment of claim _____

This Deed of guarantee executed on _____ Day of _____, 20 _____ by
_____ (bank name) constituted under the _____ act having its central
office at _____ (hereinafter referred to as the bank) in favour of Director Geology and
Mining Department, Bhopalpani Dehradun.
(hereinafter referred to as the Beneficiary) for an amount not exceeding

Rs. _____

(Rs. _____) at the

Request of _____ (hereinafter referred to as the contractor/s). This guarantee is issued subject to
the condition that the liability of the bank under this guarantee is limited to maximum of Rs.

_____ (Rs. _____ Only)

And the guarantee shall remain in full force up to _____ (date of expiry) and cannot be
revoked on or before _____ (last date of claim) by the Bank or applicant.

SUBJECT TO AS AFORESAID

(Main guarantee matter may be typed hereafter)

For (Bank)

Seal

Branch Manager

(_____ Branch)

BANK GUARANTEE AND CO- ACCEPTANCE BOND

1. Agreement on production of a Bank guarantee for Rs. _____ (Rs- _____ Only).
2. We _____ (bank name), at the request of Shri _____ S/o Shri _____
 _____ (lessee) do hereby undertake to pay to the Director Geology & Mining Dep. Dehradun, _____ or any other officer authority nominated by the Director of Mines an amount not exceeding Rs. _____ (Rs. _____ only) against any loss or damage caused to or suffered or would be caused to or suffered by the Government or towards non compliance of provisions Mine closure plan/progressive mine closure plan approved in respect of the mining lease (name of mine) _____ for _____ (ore/ores) over an area of _____ Hects. Granted by State Government to Shri/Ms _____ S/o _____ (lessee) situated in _____ village _____ Taluka _____ District _____ State by reason of any breach of the said lessee of any of the terms or conditions contained in the Mine closure plan/progressive mine closure plan.
3. We, _____ (bank) do hereby undertake to pay the amount due and Payable under this guarantee without any demur, to the authority merely on a demand from the Director Geology & Mining Department, Dehradun _____ or any other authorized by the Director Geology & Mining Department, Dehradun stating that the amount claimed is due by way of loss or loss of damage caused to or would be caused to or suffered by the government by reason of breach by the said lessee or any of the terms or conditions contained in the mining plan/mining scheme or by reason of lessee's failure to perform the said mine closure plan/progressive mine closure plan. However our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____ (Rs. _____ Only).
4. We undertake to pay to the authority on a demand from the Director Geology & Mining Department, Dehradun, _____ or any other officer authorized by Director Geology & Mining Department, Dehradun or Govt. of India any money so demanded notwithstanding any dispute or disputes raised by the lessee in any money so demanded pending before any court or tribunal relating thereto our liability under this present being discharge of our liability for payment there under and lessee shall have no claim against us for making such payment.
5. We, _____ (bank name), Further agree that the guarantee herein contained shall remain in full force and effect during the period up to the Mining plan/Scheme of Mining period of Five years that would be taken for performance of the said Agreement and that shall continue to be enforceable till all the dues of the Govt. under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged till Director Geology & Mining Department, Dehradun _____ or any other officer authorized by the Director Geology & Mining Department, Dehradun certifies that the terms and conditions of the said progressive mine closure plan/final mine closure plan have been fully and properly carried out by the said lessee and accordingly discharge this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before _____, we shall be discharged from all liability under this guarantee thereafter.
6. We further agree that Director Geology & Mining Department, Dehradun _____ or any other officer authorized by the Director Geology & Mining Department, Dehradun shall have fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of

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the terms and conditions of the said agreement or to extend time of performance by the said lessee from time to time or to postpone for any time to time any powers exercisable by Director Geology & Mining Department, Dehradun, _____ against the said lessee and to forbear or enforce any of terms and conditions relating to the said agreement, we (bank) shall not be relieved from our liability by reason of any such variation part of Regional Controller of Mines, India Bureau of Mines, _____ or any indulgence by Director Geology & Mining Department, Dehradun, _____ to the said lessee or any manner or thing whatsoever which under the law relating to sureties, would but this provision have effect of so relieving us.

7. This guarantee will not be discharged due to change in constitution of the bank or lessee.
8. We, _____ (bank name), lastly under take not to revoke this guarantee During its currency except with the previous consent of the Director Geology & Mining Department, Dehradun, _____ in Writing.
9. Notwithstanding anything contained herein :
 - a) Our liability under this Bank guarantee shall not exceed Rs. _____ (Rs. _____ only)
 - b) The bank guarantee shall be valid up to _____
 - c) The period of bank guarantee submitted is valid for the period of the proposals given in the mining plan /Scheme of mining/OMCP etc. We are liable to pay the guarantee amount or any part thereof under this Bank guarantee and only if served upon us a written claim or demand on or before.
10. If the bank guarantee is to be encashed through the court. In that case the (city Dehradun) court will have jurisdiction.
11. In witness whereof, the bank through its authorized officer has set its hand and stamp on this.

_____ Day of _____ 20 _____ at _____

(Bank) Seal
Branch Manger,
_____ Branch

FOLLOWING POINTS NEED TO BE CONSIDERED WHILE SUBMITTING THE BANK GUARANTEE

- A) The bank guarantee should be made on stamp paper its minimum value of Rs. 200/- in Maharashtra or as per respective states Stamp Act.
- B) Each page of bank guarantee should be signed by two bank officers indicating clearly their name, designation and code number.
- C) Item No. 2 of the bank guarantee should clearly indicate the name of the Mine, ML No., Survey. No./Khasra No., Village, Taluk, Dist. And State etc.
- D) The Period of bank guarantee should be co-terminus with the plan/scheme period
- E) Original bank guarantee should be submitted separately with a forwarding letter while submitting final bound copies of MP/ Scheme of Mining/ FMCP and a photocopy should be kept in each bound copy of MP/Scheme of Mining/FMCP.
- F) Every Page of the bank guarantee should be signed by the Bank Manager under his seal.

FORMAT FOR RECEIPT OF DRAFT/MODIFIED MINING PLAN/
SCHEME OF MINING OF MINE CLOSURE PLAN
GOVT OF UTTARAKHAND
GEOLOGY AND MINING UNIT,
UTTARAKHAND, BHOPALPANI
DEHRADUN.

No.

Receipt

(Contents not verified)

Received one Mining Plan, Scheme of Mining of Mine Closure Plan /Modification to the approved Mining Plan/ Scheme of Mining containing pages (text) annexures and plates.

And with the following particulars, for approval under Government of Uttarakhand Government Industrial Development Department, Uttarakhand Notification No. 844/VII-1/2015/68-kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10-2015 Uttarakhand Minor Mineral Concession Rule, 2001.

Name of the mine/area with kh. No.

Village, District, State :

Name of Mineral :

Area in acres/hect :

Name of applicant :

Name & designation of applicants

Representative submitting the MP/MS :

Name and No. of recognized person :

Is it first mining plan or modified
Mining Plan

Mode of receipt :

Fee receipt :

Date of receipt :

Remarks if any :

(Signature and designation of
Receiving officer)

Director Geology & Mining Department, Dehradun

To,

Application for Recognition as Recognised Person to Prepare Mining Plans/Scheme of Mining/Mine Closer Plan

FORM - A

"Persons eligible for grant of recognition May download this form and submit the duly filled form to the concerned office along with the form of Rs./- (for individual registration) payable by Demand Draft drawn on any nationalized bank, in favour of "Drawing and Disbursing Officer, Director Geology & Mining Department.

Passport size
Photograph of the
Applicant duly
Attested

Mines & Minerals (Development & Regulation) Act, 1957.

I, _____
am desirous of seeking recognition as reconised person Uttarakhand Notification No. 844/VII-1/2015/68-kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10.2015 For age preparation of Mining Plans/Scheme of Mining/Mine Closer Plan and furnish the following information :

1. (a) Name of the applicant :
(b) Father's name :
(c) Address of the applicant :
(d) Date of Birth :
(e) Nationality :
(f) Place where the applicant ordinarily resides : village/City

Talno _____ District _____ State _____
Email id _____
2. Academic and Professional Qualifications (Degree level and above)
Name of Institution/
Examination
Passed
Year of
Passing Subject
3. Experience in supervisory capacity in mining operations (stating from the present or most recent position)
A. Present or most recent post
Yeats of Service : From _____ to
Title of post :

(11)

Name and location of the mine :

Name and Address of the Employer :

Description of your work indication

Your personal responsibility

B. Previous post

Years of Service : From _____ to

Title of Post :

Name and location of the mine :

Description of your work indicating

Your personal responsibility name and Address of the Employer :

C. Previous post

Years of Service : From _____ to

Title of Post :

Name and location of the mine :

Description of your work indicating

Your personal responsibility

4. Experience if any in mine planning – Analysis of own experience (State why you consider yourself suitable for preparation of mining plans including

Environmental management plans. Give particulars of mine plans prepared if any.)

5. List of copies of certificated & testimonials attached in support of qualifications, Experience

6. (a) State if application for recognition was ever made before under Rule 22 (c) of MCR, 1960.

(b) If yes, name and address of the authority to whom the application was made and date of application.

© Decision of the said authority.

I hereby declare that the information furnished above is true, complete and correct to the best of my knowledge and belief.

Place :

Date :

Signature of the applicant

FOR OFFICE USE ONLY

1. Having examined the application of

Shri _____, I am

satisfied that the applicant is FIT/NOT FIT for recognition.

The registration number accorded to him as a recognized person is : 3, The reasons for refusing the grant of recognition are recorded below :

Place :

Date :

Director/ Geology & Mining,
Bhopalpani, Uttarakhand
Dehradun

INSTRUCTIONS TO THE APPLICANT

(These instructions sheet may be detached from the application
From and retained by the applicant for his own record)

1. Applications may be submitted in the prescribed to Act, 1957 Director Geology & Mining, Bhopalpani, Uttarakhand Dehradun. An additional copy of the form is provided with each set (not on the site) which may be retained by the applicant for his reference and record.
2. The application may be complete in all respects. Only photocopies of certificated of qualifications/experience/age etc. duly attested by a gazette officer of the Central or State Government may be sent with the application form. No original documents need be sent. They may be submitted only when called for by the cometetent authority.
3. Applications may be sent to the Director Geology & Mining, Bhopalpani, Uttarakhand Dehradun.
4. The recognition granted by Director shall be valid for the preparation of mining plans Scheme of Mining/Mine closure Plan for mineral deposits in any State of Uttarakhand for all Minor Miners declared by Mining of Minor under Sec 3 e of MMDR Act 1957, Govt of India.
5. Individulas desirous of seeking recognition may apply in form "A" along with copies of certificates, testimonials etc.
6. In case the applicant is a public Company as defined in the Company Act, 1956, a private company as defined in the said Act, a firm or an association of individuals duly registered undr relevant Act (hereinafter called Applicant Organisation), the application may be made in Form "B"
 - I. In case of applicant organizations, the number of key persons may be given up to a maximum of six persons. They will be the persons earmarked for preparations of mining plan Scheme of Mine Closure Plan either by themselves or for guiding and supervising the work of a team engaged in the preparation of the mining plans/Scheme of Mine of Mine Closer Plan.
 - II. The key persons shall individually possess the qualifications and experience required under Rule 22 MCR 1960 for being recognized as a qualified person.
 - III. The key persons may also apply if they so desire for recognition in their individual capacity under Rule 22 MCR 1960 for recognition as a qualified person in which case the application shall be submitted in from A"
 - IV. In case any of the key persons leaves or otherwise with the applicant recognishing authority shall be sent forthwith by the applicant organization to the recognizing, an intimation shall be sent forthwith by the key person has left the services or otherwise disassociated. The Competent authority may review the recognition granted to an applicant organization when 50% or more of key persons taken into condideration at the time of grant of recognition depart or disassociate from the said organization.
7. A passport size photograph duly attested by a gazette officer of Central or State Government shall be affixed to the application from in the space provided for it. In case of applicant organization the passport size photograph of key persons similarly attested shall be affixed to the enclosures form "B" in the space provided for it.
8. No item/column may be left blank or deleted. If the information against any column/item is nil it may be so stated/ recorded giving the actual facts. Leaving it blank or/item is nil it may be so stated/recorde giving the actual facts. Leaving it blcnk making dashes or writing N.A. is not enough. A clear and definte reply is required.

9. While describing the experience in the supervisory capacity in item No. 3 of the application, the nature of duties and managerial functions, performed may be clearly brought out.
10. The recognition shall be valid for a period of five years from the date of grant of recognition. The competent authority while according recognition will allot a registration number. This may be mentioned by the person in all future correspondence with the Director of Mines made in connection with the mining plans and also mentioned in the mining plan prepared by him as required under MMDR Act and the rules made thereunder.
11. 11. An Application, if found deficient in any respect is liable to be rejected. In submitting an application, therefore, the applicant may ensure that all requirements specified in the relevant provisions of the law & instructions are complied with.
12. 12. The recognized will be required to comply with the instructions laid down by the competent authority from time to time.

FORM – B

"Persons eligible for grant of recognition may download this form and submit the duly filled in form to the Director Geology and Mining, Dehradun along with the form fee Rs- (for company registration), payable by Demand Draft drawn on any nationalized bank, in favour of Director Geology and Mining Department, Uttarakhand Dehradun.

Application for Recognitions as Recognised Person to Prepare Mining Plans/Mine Closer Plan of Scheme of Mine)

(Government of Uttarakhand Development Department, Uttarakhand Notification No. 844/VII-1/2015/68-kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10.2015 as Recognised Person to Prepare Mining Plans/Scheme of Mining of Mine Closer Plan.

I, _____

_____, on behalf of (applicant organization) am desirous of seeking recognition as qualified person under (Government Uttarakhand Industrial Development Department, Notification No. 844/VII-1/2015/68-kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10.2015 as Recognised Person to Prepare Mining Plans.) for the preparation of Mining Plans and furnish the following information :

1. Name of the applicant organization :
2. Registration number and date and name :
Of the authority with whom registered.
Address of the registered office and Email ID.
3. Name of the authorized signatory Mobile No., Tel. No., Fax No. and Email ID.
4. Signatory's father's name :
5. Names of key persons (p to a maximum of six)

(Government Individual Development Department, Uttarakhand Notification No. 844/VII-1/2015/68-kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10-2015 as Recognised Person to Prepare Mining Plans.)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

(Attach biodata of key persons in enclosed proforma)

(a) State if application for recognition was ever made before under Rule 22 (c) of Mineral Concession Rules, 1960.

(b) If yes, name and address of the authority to whom the application was made and the date of application.

© Decision of the said authority.

6. State why you consider the applicant organization suitable for preparation of mining plans including environmental management plans. Give particulars of mine plans prepared, if any. Attach a separate sheet if necessary.

I hereby declare that the information furnished in this application form together with the enclosures is true, complete and correct to the best of my knowledge and belief. A copy of the power of attorney to act for and on behalf of my organization is enclosed.

For and on behalf of

Place : _____

Date : Seal of the Applicant

Organization Authorised Signatory

FOR OFFICE USE ONLY

1. Having examined the application for M/s _____, I am

Satisfied that the applicant is FIT/NOT FIT for recognition under Rule 22 © of MCR, 1960.

2. The registration number accorded as a recognized person is : 3. The reasons for refusing the grant of recognition are recorded below :

Place :

Date :

Regional Controller of Miner

Indian Bureau of Mines

Region _____

Enclosure to FORM- B

Bio data of key person (Sr. No.....) Passport size

Photograph of the

Applicant duly

Attested

1. (a) Name of the Key person :

(B) Father name :

© Addres of the key person :

(d) Date of Birth :

(e) Nationality :

(f) Place where the applicant ordinarily resides :

Village/City _____, Taluq _____, District _____

State _____

2. Academic and Professioanl Qualifications (Degree level and above) Name of Institution /
University
Exaamination

Passed

Year of

Passing Subject

3. Experience in supervisory capacity in mining operations (starting from the present of most recent position)

A. Present or most recent post
Years of Service : From _____ to

Title of Post :

Name and location of the mine :

Name and Address of the Employer :

Description of your work indicating

Your personal responsibility

B. Previous Post
Years of Service : Form _____ to

Title of Post :

Name and location of the mine

Name and Address of the Employer :

Description of your work indicating

Your personal responsibility

C. Previous post
Years of Service : From _____ total

Title of Post :

Name and location of the mine

Name and Address of the Employer :

Description of your work indicating

Your personal responsibility

4. Experience if any in mine planning – Analysis of own experience (state why you consider yourself suitable for preparation of mining plans including, Environmental management plans. Give particulars of mine plans prepared if any.)

5. List of copies of certificates & testimonials attached in support of qualifications, experience I hereby declare that the information furnished above is true, complete and correct to the best of my knowledge and belief.

Place :

Date :

Signature of the key Person

Seal of the Applicant Organisation Countersigned by the Authorised Signatory

- This number may be the same as the serial number of the Key person mentioned under item 6 of Form B.

INSTRUCTIONS TO THE APPLICANT

(These instructions sheet may be detached from the application

Form and retained by the applicant for this own record)

1. Application may be submitted in the prescribed form available on sale from any of the offices of the Director Geology and Mining Department, Uttarakhand Dehradun. An additional copy of the form is provided with each set (not on the site) which may be retained by the applicant for his reference and record.
2. The application may be complete in all respects. Only photocopies of certificates of qualifications/experience/age etc. duly attested by a gazetted officer of the Central or State Government may be sent with the application form. No original documents need be sent. They may be submitted only when called for by the competent authority.
3. Application may be sent to the Director of mines under whose territorial jurisdiction the applicant ordinarily resides. In case of Companies, Firms, associations etc., jurisdiction the applicant ordinarily resides. In case of companies, firms, associations etc., the application may be sent to the Director of mines under whose territorial the application may be sent to the Director of Mines under whose territorial jurisdiction the registered office is situated. The addresses of the various Director of mines and their respective territorial jurisdictions are given in the Annexure (also available on site)
4. The recognition granted by any Director of mines shall be valid for the preparation of mining plans for mineral deposits anywhere in India.
5. Individuals desirous of seeking recognition may apply in form 'A' along with copies of certificates, testimonials etc.
6. In case the applicant is a Public company as defined in the Company Act, 1956, a private company as defined in the said Act, a firm or an association of individuals duly registered under the relevant Act (hereinafter called Applicant Organisation), the application may be made in form 'B'.
1. In case of applicant organizations, the number of key persons may be given up to a maximum of six persons. They will be the persons earmarked for preparation of mining plans either by themselves or for guiding and Supervising the work of a team engaged in the preparation of the mining plans.

- II. The key persons shall individually possess the qualifications and experience required under Rule 22 © for being recognized as a qualified person.
- III. The key persons may also apply if they desire for recognitions in their individual capacity under Rule 22 © for recognition as qualified person in which case the application shall be submitted in form 'A'.
- IV. In case any of the key persons leaves or otherwise disassociates with the applicant organization, an intimation shall be sent forthwith by the applicant organisation to the recognizing authority stating the date from which the key person has left the services or otherwise disassociated. The competent authority may ewview the recognition granted to an applicant organization when 50% or more o key persons taken into consideration at the time of grant of recognition depart or disassociate form the said organization.
7. A passport size photograph duly attested by a gazetted officer of Central or State Government shall be affixed to the application form in the space provided for it. In case of applicant organization the passport size photograh of key perons similarly attested shall be affixed to the enclosures to Form 'B' in the space provided for it.
8. No item/column may be left blank or deletd. If the information against any column/item is nil it may be so stated/recorded giving the actual facts. Leaving it blank or making dashes or writing N.A, is not enough. A clear and definite reply is required.
9. while describing the experience in the supervisory capacity in item No. 3 of the application, the nature of duties and managerial functions, performed may be clearly brought out.
10. The recognition shall be valid for a perio of ten years from the date of grant of recognition. This competent authority while according recognition will allot a registration number. This may be mentionaed by th person in all future correspondence with the Director of mines made in connection with the mining plans and also mentioned in the mining plan preared by him as required under MMDR act and the rules made thereunder.
11. An application, if found deficient in any respect is lianle to be rejected. In submitting an application, therefore, the applicant may ensure that all requirements specified in the relevant provisions of the law & instructions are complied with.
12. The recognized persons will be required to comply with the instructions ladi down by the competent authority from time to time.

GOVT OF UTTARAKHAND
GEOLOGY AND MINING UNIT,
UTTARAKHAND, BHOPALPANI
DEHRADUN.

No.

dated

Form :

The Director Geology & Mining,
Bhopalpani, Uttarakhand
Dehradun

To : _____

Sub : Your application No. _____ dated _____ for grant of recognition as a recognised person
Government of Uttarakhand, Industrial Development Department, Notification No. 844/VII-1/2015/68-
kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10.2015 as
Recognised Person to Prepare Mining Plans, Scheme of Mining of Mine Closer Plan.

Sir,

With reference to your above said application, you are hereby informed that recognition sought by you is
hereby refused for the reasons stated below :

Your faithfully

(Director/Geology & Mining,
Bhopalpani, Uttarakhand
Dehradun)

Place

Dated

GOVT OF UTTARAKHAND
GEOLOGY AND MINING UNIT,
BHOPALPANI, UTTARAKHAND
DEHRADUN.

Paste recent
Photograph of
Recognised Person
here

Paste specimen signature of
Recognised Person here

CERTIFICATE OF RECOGNITION AS RECOGNISED PERSON
(Under Rule 22C of Mineral Concession Rules, 1960)

Shri, S/O, resident of affixed herein above, having given satisfactory evidence of his qualifications and experience is hereby RECOGNISED under Government Industrial Development Department, Uttarakhand Notification No. 844/VII-1/2015/68-kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10.2015 as Recognised Person to Prepare Mining Plans, Scheme of Mining of Mine Closer Plan.

His registration number is RQP/ / ____/20 ____/A

This recognition is valid for a period of 05 (Five) years ending on _____

This certificate is liable to be withdrawn/cancelled in the event of furnishing the wrong information/documents in the mining plan Scheme of Mining of Mine Closer Plan submitted by him.

Director/Geology & Mining,
Bhopalpani, Uttarakhand
Dehradun

Place :

Date :

Proforma for Annual Return by the person recognized by Department for Mine Plan/ Scheme of Mining of Mine Closer Plan.

Return shall be sent in triplicate to the Recognizing authority by 31st July every Year for the year ending 31st March.

Annual Return for the year

(ending 31st March)

1. Name and address of the recognized person.
2. His registration number.
3. Particulars of each of mining plan Scheme of Mining of Mine Closer Plan indicating the following :
4. Title of the mining plan
5. Name and address of the client
6. Date of submission to the approving authority
7. Reference of letter of approval/rejection of mining plan/ Scheme of Mining of Mine Closer Plan.
8. Whether prepared singly or jointly with others
9. In case prepared jointly, give names and registration number of recognition of others.

(The information under item 3 may be given on separate sheets for each of the mining plans/ Scheme of Mining of Mine Closer Plan prepared)

PROCEDURE FOR RENEWAL OF CERTIFICATE ISSUED TO RECOGNISED QUALIFIED PERSONS

1. The certificate shall be renewed only on getting request for renewal submitted in Form C. The completed form may be submitted to the Director office where from the recognition had been granted. In case the form downloaded from the website renewed by the Director Geology & Mining Department, Dehradun.
2. The Recognised person shall submit his annual report and a part report upto the date of application along with his request for renewal. The original certificate is to be enclosed by Recognised Person for endorsement along with application.
3. On the certificate in the front page left hand side rubber stamp reading "renewed upto _____" may be put from the date of expiry irrespective of the date of application for renewal.
4. The renewal application may normally be submitted by recognized persons three months before the date of expiry. In any case it cannot be accepted after the date of expiry of recognition.
5. Below rubber stamp granting renewal as mentioned at item No. 3, competent authority may put full date signature.
6. The recognition may normally be renewed except in case below par performance of Recognised Person or his extreme unco-operation if any, Recognised Person has not prepared any mining plan/ Scheme of Mining of Mine Closer Plan. this may not be criteria for not granting the renewal. In case of refusal to renew recognition, prior approval of concerned Director to be taken. The reason for not granting recognition may be recorded and the Recognised Person may be given an opportunity before refusal of Recognition.

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**FORM OF DECLARATION TO BE GIVEN BY THE APPLICANT WHILE SEEKING RECOGNITION UNDER
Government Industrial Development Department, Uttarakhand Notification No. 844/VII-1/2015/68-
kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10.2015 OF MCR
1960 AS A COMPANY/ORGANIZATION/ASSOCIATION ETC.**

I, _____ Company declare that the key persons as per the information furnished at item 6 of the application form B No. _____ do not hold the position key persons of any company/firm/organization/association etc for which the recognition has been obtained or is being sought under Uttarakhand Miner Mineral Concession Rule, 2001. Government Uttarakhand Industrial Development Department, Notification No. 844/VII-1/2015/68-kha/2015, Date, 31-07-2015 and Notification No. 1589/VII-1/2015/68/kha/2015, Date 07-10.2015 .

For and on behalf of

M/s _____

Authorised Signatory
(Name & Signature of
Authorised Signatory
With seal of Organization.

Place

Date

शर्त/प्रतिबन्ध:

1. उत्तराखण्ड गौण खनिज नीति-2015 के प्रस्तर 3(दो)(5) के अनुसार आर०क्यू०पी० जो कि आई०बी०एम० द्वारा अधिकृत किये गये हैं, निदेशक से पुनः पंजीकरण प्राप्त होने तक मान्य रहेंगे। इस नीति के लागू होने के उपरान्त सभी आर०क्यू०पी० को निदेशक, भूतत्व एवं खनिकर्म में रु० 10,000/- की धनराशि निर्धारित लेखाशीर्षक में पंजीकरण शुल्क के रूप में जमा कराकर पंजीकरण कराया जाना अनिवार्य होगा। पंजीकरण की अवधि 05 वर्ष के लिए मान्य होगी।
2. खनन क्षेत्र को डिजिटाइज्ड किये जाने के निर्देश इस आशय से प्रेषित कर दिये जाये कि सम्बन्धित आर०क्यू०पी०/खनन पट्टाधारक 45 दिन के उपरान्त डिजिटाइज्ड खसरा मानचित्र जी०पी०एस कोर्डिनेट्स के साथ साफ्ट कापी में निदेशालय को तैयार कर उपलब्ध करायेगा।
3. खान मंत्रालय, भारतीय खान ब्यूरो के पत्र संख्या 213(1)/Gen. Updation/ME (i)/2015 नागपुर दिनांक 09-04-2015 के साथ अनुलग्नक-1 (Proforma for items of Information for National Mineral Inventory As On Date 1-4-2015) प्रारूप पर सूचना भरकर आपत्तियों के निराकरण के समय पट्टाधारक आर०क्यू०पी० एवं माईन मैनेजर के हस्ताक्षर के उपरान्त आपत्तियों के निराकरण के समय प्रस्तुत करेगा।
4. पट्टाधारक जिस खेत में कार्य करेगा उस खेत की सूचना सम्बन्धित जनपद के खान अधिकारी एवम उपनिदेशक, खनन भूतत्व एवं खनिकर्म इकाई को जिस खेत में खनन हो रहा है के भूस्वामी से किये गये अनुबन्ध की छाया प्रति के साथ खनन कार्य प्रारम्भ करने के 15 दिन पूर्व प्रस्तुत करेगा।
5. उत्तराखण्ड गौण खनिज नीति-2015 के प्रस्तर 3(दो)(5) के अनुसार पट्टाधारक द्वारा खनन योजना सम्बन्धित खान अधिकारी/उपनिदेशक (खनन) के समक्ष रु० 20,000/- की धनराशि निर्धारित लेखाशीर्षक में ट्रेजरी चालान के माध्यम से जमा कराने के उपरान्त चालान की प्रति के साथ एक प्रति में खनन योजना, स्कीम आफ माईनिंग, माईन क्लोजर प्लान प्रस्तुत करेंगे सम्बन्धित उपनिदेशक, खनन एवं खान अधिकारी अपनी आख्या के साथ खनन योजना, स्कीम आफ माईनिंग, माईन क्लोजर प्लान निदेशालय को अनुमोदन हेतु प्रस्तुत करेंगे। सम्बन्धित उपनिदेशक/खान अधिकारी क्षेत्र का निरीक्षण कर ड्राफ्ट माईनिंग प्लान स्कीम आफ माईनिंग में पाई गई कमियों हेतु नोटिस देते हुये निदेशालय को अग्रसारित किया जायेगा।

6. उपनिदेशक, खनन एवं खान अधिकारी के माध्यम से प्राप्त खनन योजना, स्कीम आफ माईनिंग, माईन क्लोजर प्लान का निदेशालय स्तर पर परीक्षणोपरान्त पाई गई कमियों के निराकरण हेतु सम्बन्धित आर०क्यू०पी० को निदेशालय स्तर से नोटिस दिया जायेगा। जिसका निराकरण सम्बन्धित आर०क्यू०पी० द्वारा करने के उपरान्त 05 प्रतियाँ खनन योजना/माईनक्लोजर प्लान/स्कीम आफ माईनिंग निदेशालय में प्रस्तुत करेंगे।
7. सम्बन्धित आर०क्यू०पी० द्वारा इंगित कमियों के निराकरण किये जाने के उपरान्त खनन योजना, स्कीम आफ माईनिंग, माईन क्लोजर प्लान को अनुमोदन प्रदान किया जायेगा।

(श्रीधर बाबू अददाकी)
निदेशक

पृष्ठांक 1762 / खनन/गौण खनिज-माईनिंगप्लान/26/मू०खनि०ई०/2015-16 तददिनांकित।
प्रतिलिपि: निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:

1. मुख्य सचिव, उत्तराखण्ड शासन देहरादून।
2. समस्त जिलाधिकारी, उत्तराखण्ड।
3. समस्त अधिकारी, भूतत्व एवं खनिकर्म इकाई उत्तराखण्ड।
4. समस्त पट्टाधारक/आवेदक गौण खनिज(उपखनिज) उत्तराखण्ड।
5. निदेशालय में पंजीकृत समस्त आर०क्यू०पी०

(श्रीधर बाबू अददाकी)
निदेशक

Proforma for enclosure with Mine Plan, Mine Closure Plan, Scheme of Mine Plan

Annexure I

**PROFORMA FOR ITEMS OF INFORMATION FOR
NATIONAL MINERAL INVENTORY AS ON DATE**

NMI Code for Old Deposit / Mine.....Otherwise -NEW

1. Mineral Commodity :
(Select only one out of 71 minerals list enclosed)
2. Deposit Name :
3. Block name
(For each block a separate form)
4. Status
 - (i) Freehold / Leasehold :
 - (ii) If Leasehold-
 - (a) Private / Public :
 - (b) Captive / Non-Captive :
 - (c) Name of Lessee :
 - (d) Lease area (Hect.)with Survey No. :
 - (e) Period (Years) :
 - (f) Expiry date :
 - (g) Working/Not Working :
5. Nature of land(Forest/Non Forest/
Unspecified) :
(Separate for each category with area)
 - (a) Forest - Hect. %
 - (b) Non-Forest - Hect. %
 - (c) Unspecified - Hect. %
6. Location : Total area:
 - (i) Co-ordinates*
 - (ii) Toposheet(s) No.
 - (iii) Name of Village(with
distance from mine/deposit)

* For large areas range of longitudes & latitudes is preferable but where range is not available, the longitude and latitude of the Central point of the deposit/mine shall be given.

- (iv) Taluka/Sub-Division :
- (v) District :
- (vi) State :
- (vii) R.L.of Surface :
(in metre) (Min.) (Max.) (Ave.)
- (viii) Name & Distance from National Park(km) :
- (ix) Name & Distance from Archaeological Monument (km.).....
- (x) Name & Distance from wild life sanctuary (km.)
- (xi) Name & distance from firing range (km.).....
- (xii) Name & distance from Ordnance factory (km.).....
7. Infrastructure
- (i) Road distance from deposit/ :
mine to Rly. Stn./Loading point(km)
- (a) Metalled :
- (b) Unmetalled :
- (c) Seasonal :
- (d) All weathered :
- (e) Unspecified :
- (ii) Name of Rly. Stn. & distance
from mine/deposit.(Km) :
- (iii) Name of Port & distance
from mine/deposit.(Km) :
- (iv) Power Grid :
- (a) Available/Not available :
- (b) If available distance from
mine/deposit.(Km) :
- (v) Water Sources :
- (a) Nature of water source

(e.g. Perennial/seasonal) :

-3-

- (b) Type of water source
(e.g. dam, spring, well,
tank, lake, river, etc.) :
- (c) Distance from mine/
deposit. (Km) :
(Min.) (Max.) (Ave.)

8. Geology :

- (i) Host Rock Type :
- (ii) Principal economic minerals :
- (iii) Associated economic minerals :
- (iv) Gangue minerals :
- (v) Indicator minerals :
- (vi) Deleterious constituents :
- (vii) Toxic elements :
- (viii) Type of mineralisation :
(e.g. vein, pocket, bedded etc.)
- (ix) Structural feature :
(e.g. folded, faulted, sheared etc.)
- (x) Strike : From To
(In 360° circle)
- (xi) Dip (amount & direction) : Amount From To
(0 to 90°)
Direction From To
(In 360° circle)
- (xii) Overburden :
(a) Nature :
(b) Thickness (m) :
(Min.) (Max.) (Ave.)
- (xiii) Dimension of deposit/belt (describing strike length, width, depth,
thickness of deposit, either of the belt and/or of individual lenses,
veins, bands, pockets etc.)
Length(km).....Width(m) Min. Max. Ave.
- (xiv) Any other information : (like regional stratigraphic sequence,
information on mineral belt, etc.)

9. General information about deposit :

10. Brief history of the deposit/mining :

11. Exploration :

(i) Name of exploration Agency :

(ii) Details of work carried out :

(a) Geological mapping :

Mapping Scale	Area (Sq. km)
1:50,000	
1:25,000	
1:10,000	
1:5,000	
1:2,000	
Other (Pl. specify)	

(b) Pitting :

No. of Pits	Spacing (m) (Fromto.....)
(i) Shallow (< 3m).....	
(ii) Medium (3-6m).....	
(iii) Deep (> 6m).....	
(iv) Unspecified.....	

(c) Trenching :

Number	Length (m) (From.....to.....)

(d) Pitting/Trenching (cu. m.)

(e) Drilling :

	No. of Bore Holes	Meterage	Spacing (m) (From.....to.....)	Depth (m)		
				Min.	Max.	Ave.
Surface						
Underground						

(f) **Exploratory Mining :**

(i)

	No.	Meterage
Shaft		
Adit		
Drive		
Cross cut		
Winze		

(ii) Unspecified

Length (m)

Volume (cu m)

(g) Sampling:

Sample type	No. collected	No. Analysed
Core		
Pits		
Groove		
Other (Pl. specify)		

(h) Any other information about exploration:

12. Physical characteristics of mineral commodity :

13. Chemical Analysis of representative samples of the deposit / block)

[illegible]

14. Parameters of estimation : (Details shall be given Block-wise.)

PARAMETERS OF ESTIMATION OF RESERVES/RESOURCES

Name of block	Stage of geological exploration	Method of estimation of reserves/resources	Total area in Hect./Sq. M.	Total depth/thickness (in m.)	Bulk density	Losses in percentage				Date of estimation	Subsequent depletion
						Mining	Grade dilution	Beneficiation	Metallurgical		
	Stage-G4										
	Stage-G3										
	Stage-G2										
	Stage-G1										

Note: (i) Losses in mining (a) % of ore likely to be locked up(permanently) (b) % of ore lost during mining (c) % of ore lost in actual stoping (d) % loss in grade due to dilution (f) % of increase in tonnage due to dilution (g)% cumulative losses (a+b+c+d-f) with ave. %.

(ii) Losses in Recoverability (a) Losses in hand sorting, dressing etc. at the site (b) Losses in beneficiation process (c) Grade of the ore (d) Cumulative losses (a) + (b) with ave grade as at (c), (e) Metallurgical losses (may be considered only metal content is estimated).

15. Detailed Geometry of mineralisation for Reserve/Resources Estimation.

Deposit length :
 Minimum deposit width :
 Maximum deposit width :
 Average deposit width :
 Thickness :

16. Technoeconomic Studies

(Depositwise/ Blockwise separately for forest/non forest and unspecified land types)

1 Geological Studies only[F3]

(Specify the stage of exploration viz.G-1,G-2,G-3 &G-4 based on the quantum & quality of exploration carried out, refer 10 &12)

2. Pre-feasibility study carried out [F2] : Yes / No

3. If yes, give the details of findings/ results thereof

4. If no, reasons thereof, if any

5. Feasibility study carried out [F1] : Yes / No

5. If yes, give the details of findings/ results thereof.

6. If no, reasons thereof, if any

7. Economic analysis carried out : Yes / No

9. If yes, give the results thereof under the following heads :-

Found to be

(i) ECONOMIC :- [E1] Yes / No

(a) Normally economic (economic under competitive market conditions with required return on investment) Yes / No

(b) Conditionally economic (Please state the conditions specified therein like Govt. subsidy or other supportive measures, diversion of nallah, HT line and such other conditions as in 5(ix) to (xii)) Yes / No

(ii) POTENTIALLY ECONOMIC :- (E2) Yes / No

Marginally economic (please state whether changes in Technological, Economic, Environmental, or other relevant conditions that may make it economic.) Yes / No

(iv) INTRINSICALLY ECONOMIC [E3] (please specify the conditions for making it potentially economic.) Yes / No

17. Reserves/resources estimated as per UNFC (shall be given gradewise/blockwise with land type separately)

Unit:				
Classification	UNFC Code	Quantity	Grade	Land Type (Forest/ Non Forest/ Unspecified)
(1)	(2)	(3)	(4)	(5)
Total Mineral Resources (A + B)				
(A) Mineral Reserve				
(1) Proved Mineral Reserve.....	111			
(2) Probable Mineral Reserve.....	121			
	122			
(B) Additional or Remaining Resources				
(1) Feasibility Mineral Resources....	211			
(2) Pre-feasibility Mineral Resources	221			
	222			
(3) Measured Mineral Resource...	331			
(4) Indicated Mineral Resource....	332			
(5) Inferred Mineral Resource....	333			
(6) Reconnaissance Mineral Resource	334			

18. Beneficiation :

Beneficiation test carried out or not :Yes/No.....

- (a) Details :
- (i) Scale (Laboratory/Plant)
- (ii) Sponsoring Agency.....

	Assay of Original Sample		Assay of Concentration		Method	Wt % Recovery	
	Constituent	Unit	Constituent	Unit			
Sample No.1	1. 2. 3. etc.						
Sample No.2	1. 2. 3. etc.						
Sample No.3	1. 2. 3. etc.						
Sample No.4	1. 2. 3.						
Sample No.5	1. 2. 3. etc.						

19. Year wise Production (In case of lease/mines only)

Unit

Production

2010-11

2011-12

2012-13

2013-14

2014-15

Average production of
the last five years

.....
20. Source of information :
(Title of reports, references of
progress reports or records, etc.)

Signature of Lessee

Signature of RQP