

FORM - 'B'

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Form for seeking prior approval under section - 2 of the proposals by the State Governments and other authorities in renewal of leases, which have been earlier granted clearance under Forest (Conservation Act, 1980)

PART - I

(To be filled up by user agency)

1.	Letter No & Date vide which clearance under Forest (Conservation) Act, 1980 accorded by the Central Government (Copy to be enclosed)	<p>M/s. Mineral Enterprises Ltd., has been granted a Mining Lease over an extent of 103.81 Ha (256.515 Acres)i.e. 100.17 Ha in Forest area and 3.64 Ha in Revenue land Under M.L. No. 2346 for a period of 20 years w.e.f. 7.10.1992 Valid upto 6.10.2012. for Iron ore and Manganese ore. A copy of the Mining lease deed and Govt. Of Karnataka Notification enclosed as Annexure - I & IA.</p> <p>As per the recent survey & demarcation carried out by the Jt. Team of CEC. They have demarcated an area of 102.53 Ha. (99.23 Ha Forest Land & 3.30 Ha Revenue Land) & Now the proposal is submitted in line with the CEC Sketch.</p> <p>The Mining lease was first granted in the year 1952 and subsequently renewed under the present Mining Lease No. 2346.</p> <p>Forest Clearance was accorded under Forest Conservation Act 1980 vide letter No.8-83/93 FC Dt.: 4th April 1997 from MOEF (FC wing) Govt. Of India for a Maximum period of 30 years over an extent of 105 Ha. for mining and related activities Co- terminus with the lease period under MMRD Act which is valid upto 6.10.2012 . Subsequently Govt. Of Karnataka also communicated its orders vide Govt. Order No. FEE 141 FFM 93 Bangalore</p>
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		<p>Dt.: 1.07.1997 regarding grant of forest clearance.</p> <p>Copy of the MOEF (FC) Letter and GOK order are enclosed as Annexure- 2 & 2A</p>
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2. Project details:

<p>i)</p>	<p>Short narrative of the proposal and project/scheme for which the forest land is required.</p>	<p>M/s. Mineral Enterprises Limited, have been accorded Forest Clearance over an extent of 105.00 Ha (259.50 Acres) in Niruthadi reserved forest of Holalkere, Chitradurga Taluk & District, for Mining of Iron Ore & Manganese Ore.</p> <p>Now the proposal is submitted for 103.73 Ha (256.32 Acres) for mining and allied activities in line with the CEC Jt. Sketch and 5.44 Ha for approach road outside the lease area . Total extent of 109.17 Ha. Is proposed for diversion.</p> <p>This area contains mainly iron ore fines and a small fraction of lumpy ore. This mining project shall produce low-grade iron ore analyzing about 52-58% Fe content which is located only in the proposed area. It is estimated that about 38 million tons of various grades of iron ore reserves are available in this area which may considerably increase after 2nd stage exploration.</p> <p>Through geological studies, and continuous R&D it has been established that the low grade deposit can be upgraded by new beneficiation techniques for use in steel making.</p>
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3)

The company has installed 5 No.s of Crushing, Screening and a Washing plant in already broken up area to crush, screen and process Iron Ore to get various products like fines, and calibrated ore (i.e. 0 - 6 mm, 6 - 20 mm & 20 - 40 mm size) with a rated capacity of 2500 tonnes per day. The company has also installed 7 weighbridges with capacity of 60 - 100 tonnes in already broken up area for accurate weightment at minehead itself.



For continuous operations of processing plant and weighment, power supply is essential to run the machinery. Therefore, project proponent has installed sub stations within the broken up area for continuous power supply to run the processing plant and weighbridges, apart from D.G. sets as alternate source of power supply.

The company embarked on the implementation of SAP to integrate the mining operations with other administrative and statutory operations in real time. We are amongst a few companies who have successfully implemented SAP and the information transfer is done through RAIL-TEL of Indian Railways.

The company is one of the leading Mining Companies involved in Exploration, Mining and Processing of minerals in Karnataka for more than Five decades. We are technically well equipped to handle Mega mining projects and sound to implement projects in

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		<p>time. We are in an advanced stage for setting up of an integrated steel plant in Hassan district and Chitradurga district, in the State of Karnataka and have already entered into an agreement with GOK during the Global Investors Meet, Land acquisition is under speedy progress. Apart from catering to the needs of its own steel plant the company shall cater to the needs of few domestic steel plants/sponge iron plants and also export iron ore, when permitted by the State govt.</p> <p>This project shall contribute positively to the upliftment of the backward region by way of creating employment opportunities in the drought prone region.</p> <p>This is an old mining lease area and proposals are being forwarded for renewal of mining lease.</p>
ii)	Map showing the required forest land, boundary of adjoining forest on a 1:50000 scale map.	Map showing the Mining Lease area and the adjoining forest land on 1: 50000 scale is enclosed (Key Plan) as PLATE NO. 1 Jt. Team survey sketch of CEC is enclosed as PLATE NO. 5
iii)	Cost of the project:	The lessee has already invested about Rs. 60 crores for development of mining lease & related activities, and infrastructure for mechanization of the mine further investment of Rs. 10 crore is proposed during the mining operations.

- J. H. G.

3. Purpose-wise break-up of the total land required

Purpose wise break-up of the total land required for mining and allied activities is given in the table below.

PROPOSED LAND USE FOR FC RENEWAL

PROPOSED LAND USE DETAILS		EXTENT Ha.
1	Area for Mining	47.44
2	Area for Waste / Rejection Dump	10.74
3	Area for Sub Grade Mineral Stock & Mineral Rejects	14.45
4	Area for Dynamic Mineral Stock	6.38
5	Bio diversity Conservation area	6.47
SUB TOTAL		85.48
6	Area for Crushing, Screening & Beneficiation Plants	2.18
7	Area for Tailing Pond	1.50
8	Water Harvesting Pond	1.88
9	Area for Safety Zone / Green Belt	3.89
10	Afforestation	4.30
TOTAL AREA AS PER CEC SKETCH		99.23
11	Area for Office, ST. Buildings, Infrastructure as approved under earlier FC	2.00
12	Roads connecting different blocks as approved under earlier FC.	2.50
SUB TOTAL		4.50
GRAND TOTAL		103.73
Area proposed for approach roads outside the lease area (A - B)		2.62
Area proposed for Roads connecting our neighbouring mine ML No.2388 to the BBH Railway siding (B - C)		2.82
SUB TOTAL		5.44
TOTAL AREA PROPOSED FOR DIVERSION		109.17

Existing Land Use Plan and Proposed Land Use Plan is enclosed vide Plate No. 2 & 3. Plan showing the proposed Diversion of forest land Including approach road is enclosed as Plate No 6.

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7	Area for Tailing Pond	1.50
8	Water Harvesting Pond	1.88
9	Area for Safety Zone / Green Belt	3.89
10	Afforestation	3.50
11	Roads (Internal)	0.80
TOTAL AREA AS PER CEC SKETCH		99.23
12	Area for Office, ST. Buildings, Infrastructure as approved under earlier FC	2.00
13	Roads connecting different blocks as approved under earlier FC.	2.50
SUB TOTAL		4.50
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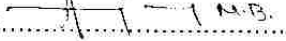
Existing Land Use Plan and Proposed Land Use Plan is enclosed vide Plate No. 2 & 3. Plan showing the proposed Diversion of forest land Including approach road is enclosed as Plate No 6.

4.	Details of Certificates documents enclosed as required under the instructions.	The required declarations and certificates are enclosed.
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Date : 21/1/2013

For MINERAL ENTERPRISES LTD.

Place : BANGALORE

Signature:  M.B.

Address:

M/s. Mineral Enterprises Ltd.
 "Khanija Bhavan,
 No. 49, 3rd Floor
 East Wing, Race Course Road
BANGALORE - 560 001.


 Range Forest Officer
 Holalkere Range
 HOLALKERE


 Assistant Conservator of Forests
 Chitradurga Sub-Division
 Chitradurga

"COUNTER SIGNED"
 21/1/2013
 Deputy Conservator of Forests,
 Chitradurga Division.
 CHITRADURGA.

PART – II

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(To be filled by the concerned Deputy Conservator of Forests)

State serial no. of proposal

5. **Location of the Project / Scheme** : Nirthadi Reserve Forest in Holalkere Range of Chitradurga Forest Division.
- i) **State / Union Territory** : Karnataka
- ii) **District** : Chitradurga
- iii) **Forest Division** : Chitradurga
- iv) **Area of forest land proposed for diversion (in ha.)** : 109.17 ha.
- v) **Legal status of forest** : Reserve Forest.
- vi) **Density of vegetation** : Eco-class-III (Dense forest)
- vii) **Species-wise (Scientific names) and diameter class-wise enumeration of trees in unbroken area.**

Enclosed in Annexure-18

- Viii) **Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor etc., (If so, the details of the area and comments of the Chief Wildlife warden to be annexure).**

-No-

6. **Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials, whether work in violation is still in progress.**

-No-

7. **Site inspection report of the DCF (to be enclosed) in respect to status of compliance of conditions stipulated during earlier approval**

Enclosed at Annexure- A

8. **Division / District Profile :**
- i) **Geographical area of the district** : 8388 Sq.Kms.
- ii) **Forest area of the district** : 839.78 Sq. Kms.

iii) **Total forest area diverted since 1980 with number of cases :** 17

The total forest area diverted since 1980 is 1222.693 ha. [28 cases]

iv) **Total compensatory afforestation stipulated in the district / division since 1980 :** **1208.83**

[a] Forest land including penal compensatory afforestation : 96.00

[b] Non-forest land : 1112.83

(v) **Progress of compensatory afforestation as on (date) 19-08-2010**

[a] Forest land : 96.00

[b] Non-forest land : 1006.18

9. **Specific recommendations of the DCF for acceptance or otherwise of the proposal with reason.**

The mining renewal application is recommended, with specific conditions proposed in the letter towards amelioration and mitigation of the adverse effect of the mining. The mining renewal is necessary because of good quality iron ore available in the area, which will be used for steel making and other allied purposes. Moreover this is a renewal proposal and the area has already almost been broken-up. Hence, the proposal may be considered with following conditions.

- The user agency should complete the Safety Zone works, Green belt works as per approved R & R Plan, before final approval.
- The user agency shall upgrade its nursery and raise and plants sufficient number of good quality seedlings of Fruit yielding and miscellaneous species, in place of Acacia and other plants.
- The user agency shall undertake measures to arrest runoff and soil erosion from its lease area and from 100 meters of its boundary, so that the flow of eroded soil and runoff, because of its operation do not pollute the neighboring tanks.
- The lessee shall undertake rigid fire protection measures in the area lease to them and up to 1 km forest around the lease.
- The user agency shall pay the amounts towards Compensatory payments as per the Hon'ble Supreme Court of India, New-Delhi for encroachment of 3.130ha. and offences done by it, as recorded by the Joint Team and approved by the Hon'ble CEC.
- The lessee shall maintained R & R structures, works and plantations it in proper condition.

Date: 07-02-2013

Place: Chitradurga

Signature



(S.Kumaraswamy)S.F.S.,
Deputy Conservator of Forests,
Chitradurga Division, Chitradurga.

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ANNEXURE - A
SITE INSPECTION REPORT

1. Certified that, the forest land proposed for diversion 103.73 ha for Mining and Auxiliary facilities and 5.44 ha. for existing approach road total 109.17 ha. at Nirthadi Reserve Forest has been inspected by me on: 19-01-2013 and that there are no rare / endangered / unique species of flora and fauna in the area.
2. Certified that, there are no protected archeological / heritage / defense establishment or any other important monuments in the site.
3. The status of compliance of conditions stipulated earlier approval is submitted **ANNEXURE-14** of the renewal proposal.
4. R & R works as approved by the Hon'ble CEC have been almost completed by the user agency inside the lease area and R & R works outside the lease area is under progress.
5. The boundary of the proposed area is demarcated by the user agency at the field by concrete pillars at the corners and intermediate pillars at 20 meter intervals as per the Sketch approved by the Hon'ble CEC.

Date: 07-02-2013
Place: Chitradurga


Deputy Conservator of Forests,
Chitradurga Division,
Chitradurga.

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PART-III

(To be filled by the concerned Chief Conservator of Forests)

1	Whether site, where the forest land involved is located has been inspected by concerned Chief Conservator of Forests (Yes/No). If yes, the date of inspection and observations made in the form of inspection note to be enclosed.	Yes, the mining lease area of Mineral Enterprises Ltd (ML no 2346) has been inspected by me on 17.01.2013 and 09.02.2013
2	Whether the concerned Chief Conservator of Forests agree with the information given in Part-II and the recommendations of Deputy Conservator of Forests.	Yes,
3	Specific recommendation of concerned Conservator of Forests for acceptance of otherwise of the proposal with detailed reasons.	The mining renewal application is recommended, with specific conditions proposed in the letter towards amelioration and mitigation of the adverse effect of the mining. The mining renewal is necessary because of good quality iron ore available in the area, which will be used for steel making and other allied purposes.

Place: Bellary
Date: 13 - 02 -2013

Signature:



Seal : Chief Conservator of Forests
Chief Conservator of Forests,
Bellary Circle, Bellary
Near Mothi Circle
Palamma Street, Bellary-583 101

INSPECTION NOTE

I have inspected the mining lease area of Mineral Enterprises Ltd (ML no 2346), proposed for renewal on 17.01.2013 and 09.02.2013 and inspected the boundary demarcation, and progress of implementation of Reclamation and Rehabilitation measures undertaken by the user agency. The lease boundary and Safety Zone have been found to have been demarcated. The R&R works of Retaining wall, Settling tanks, Garland drains and some planting also observed.

I am of the opinion that the mining renewal application may be accepted with following conditions:

1. The Compensatory Afforestation area of 5.44 Ha in lieu of Approach Road shall be identified by the User Agency, demarcated and suitability certificate to be issued by Deputy Conservator of Forests, which is mandatory for FC Approval.
2. The 19.05 Ha unbroken area shall not be worked, in view of the Hon'ble Supreme Court order dated 20.4.2012, wherein it was ordered that "Mining which is to resume in Category-A, however shall not extend to unbroken forest areas."
3. The user agency shall clear the payment of lease rent, before final approval of renewal is accorded and no new lease agreement shall be signed without completion of such payment.
4. The user agency undertake adequate quality planting and regeneration works in the safety zone area for development of green belt before final approval.
5. The user agency shall further plant adequate number of good quality seedlings of Fruit yielding and Miscellaneous species all along approach road and on inactive waste dump and also plant at the earliest suitable and native plant species etc, along with geo-textiling on dump slopes, after terracing is undertaken.
6. The user agency shall undertake measures to arrest runoff and soil erosion from its lease area and from 100 meters of its boundary, so that the flow of eroded soil and runoff, because of its operation do not pollute the adjoining forest and the streams and water bodies.

In particular, it is submitted though the user agency has constructed several check dams etc in order to prevent erosion into Bheemasamudra tank. However, far more is required to be undertaken, after proper planning and consultation with all concerned stakeholders, viz Concerned villagers, Water Resources Department, Minor Irrigation Department, which manages the irrigation tanks and Pollution Control Boards, Forest, Agriculture, Horticulture Departments, among others.

7. The lessee shall undertake rigid fire protection measures in the area leased to them and upto 1 km forest area around the lease.
8. The user agency shall pay the amount towards Compensatory Payment, as per Hon'ble Supreme Court orders for the encroachments of area and offences done by it and recorded by the Joint Team and approved by CEC.
9. The lessee shall maintain the R&R structures and Plantations raised/to be raised by it in proper condition.

Date: 13.2.2013

Place: Bellary

(Prabhash Chandra Ray)
Chief Conservator of Forests
Bellary Circle, Bellary


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PART - IV

(To be filled in by the Nodal Officer or the Principal Chief Conservator of Forests
or Head of Forest Department)

<p>Detailed opinion & specific recommendation of the State Forest Department for acceptance or otherwise of the proposal with remarks.</p> <p>(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon).</p>	<p>In view of the approval of R&R plan for the Mining Lease No.2346, the Hon'ble Supreme Court Orders dated 13-4-2012, 20-4-2012, 4-5-2012 and 3-9-2012 and the CEC letter dated 6-8-2012, the proposal of the User Agency is submitted for considering the in-principal (Stage - I) approval for diversion of 109.17 ha. of forest land (103.73 ha. for mining and other allied activities for renewal of Mining Lease No.2346 (as per the CEC approved joint survey sketch) and 5.44 ha. for approach roads outside the Mining Lease area) located at Bedara Bommanahalli and other Villages in Nirthadi Reserve Forest, Holalkere Range, Chitradurga Division, Chitradurga District, Karnataka State in favour of M/s. Mineral Enterprises Limited, Bengaluru subject to the compliances of the <i>specific conditions</i> by the User Agency as appended in Annexure 'A' and the general conditions contained therein.</p>
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Signature:


23.3.2013

Name:

B.K. Singh, IFS.,

Designation:

Principal Chief Conservator of Forests
(Head of Forest Force)
Bengaluru

(Official Seal):

N.D.O. No. 33/3/2012-13.

Date: 25/3/2013.

Mineral Enterprises/Mining Proposals/Nld/b.

PART-V

3

(To be filled in by the Secretary in charge of Forest Department or by any other authorised officer of the State Government not below the rank of an Under Secretary).

Recommendation of the State Government.

Signature: *L Shasada*
Name: *L Shasada*
Official Seal:

Date: *26 09 13*
Place: *Bangalore*

File No. *FEE 23 FFM 2013*