

**FORM - C**

Form for seeking prior approval under section 2 of the proposals by the State Governments and other authorities for Prospecting of Minerals in Forest Land

**PART - I****A. General Details****A-1. Project Details**

- (i). Proposal No. : FP/OR/MIN/6/2015  
(ii). Name of Block in which prospecting is proposed to be undertaken : Roida-78 Managanese Mines  
(iv). State : Orissa  
(v). Category of the Project : Mining  
(vi). Estimated cost of the Project (Rupees in lacs) : 686.2  
(vii). Total area of block required for prospecting (in ha.): 5.597  
(ix). Total period for which the forest land is proposed to be utilized for prospecting (in years): 5

**A-1.1 Mineral commodity**

| Mineral commodity |               |                                  |
|-------------------|---------------|----------------------------------|
| S.no.             | Mineral       | Mineral commodity to be explored |
| 1                 | Manganese Ore | Manganese                        |

**A-2. Details of User Agency**

- (i). Name : ODISHA MINING CORPORATION LTD  
(ii). Address : OMC House  
(iii). State: Orissa  
(iv). District: Khordha  
(v). Pin: 751012  
(vi). Landmark: Adjacent to Assembly House  
(vii). Email Address: fdp.omic@gmail.com  
(viii). Landline Telephone No: 2377458  
(ix). Fax No.: 647  
(x). Mobile No.: 9437134765  
(xi). Website: www.orissamining.com  
(xi)Details of Proposals seeking prior approval of Central Government under the Act for diversion of forest land submitted by the User Agency in the past

| List of proposal submitted in Past |                  |              |               |                                  |                    |                               |                        |
|------------------------------------|------------------|--------------|---------------|----------------------------------|--------------------|-------------------------------|------------------------|
| S.no                               | Proposal Status. | Proposal No. | Moef File No. | Area Proposed for Diversion(ha.) | Area Diverted(ha.) | Date of In-Principle Approval | Date of Final Approval |
| NIL                                |                  |              |               |                                  |                    |                               |                        |

- (xii). Legal status of User Agency : State PSU

**A-3. Details of Person Making Application**


- (i). First Name: Sudhansu  
(ii). Last Name: Das  
(iii). Gender: Male  
(iv). Designation: Dy. General Manager (Geo)  
(v). Address 1: Odisha Mining Corporation Ltd., OMC House, Bhubaneswar  
(vi). Address 2: NIL  
(vii). State: Orissa  
(viii). District: Khordha  
(ix). Tehsil: Khordha  
(x). Pin: 751012  
(xi). Landmark: Adjacent to Assembly House  
(xii). Email Address: fdp.omic@gmail.com  
(xiii). Landline Telephone No.: 2377458  
(xiv). Fax No.: 06742377458  
(xv). Mobile No.: 9437134765

**A-4. Details of Mineral Concessions**

- (i). Whether the forest land is acquired under Coal Bearing Areas Act: No  
(ii). Reference number of Letter of Intent for grant of prospecting lease (approval letter of the State Mines and Geology Department):


19151/MG

(iii). Date of issue of the Letter of Intent (LOI) for grant of prospecting lease: 31 Dec 1980

(iv). Copy the Letter of Intent (LOI): 

(v). Total area of the prospecting lease (in ha.): 78.711

(vi). Area of forest land located in the prospecting lease(in ha.): 78.711

(xvi). Copy of Survey of India Topo-sheet (s): (xvii). Copy of map of the outer boundary of prospecting lease area:  [View File](#)

## B. Details of Land required for the Project

B-1. Details of proposal seeking prior approval of Central Government under the Act for diversion of forest land for the Project already submitted in the past

(i). Whether any proposal seeking prior approval of Central Government under the Act for diversion of forest land required for the project has been submitted in the past?: No

## B-2.Details of forest land proposed to be diverted


## B-2.1 Details of Divisions involved

| Details of Divisions involved |               |                  |                      |
|-------------------------------|---------------|------------------|----------------------|
| S.no                          | Division Name | Forest Land(ha.) | Non-Forest Land(ha.) |
| 1.                            | Keonjhar      | 5.597            | 0                    |

## B-2.2 Details of Districts involved

| District wise breakup |               |                  |                      |
|-----------------------|---------------|------------------|----------------------|
| S.no                  | District Name | Forest Land(ha.) | Non-Forest Land(ha.) |
| 1.                    | Keonjhar      | 5.597            | 0                    |

## C-1. Justification for undertaking prospecting in forest land

(i). Justification for undertaking prospecting in forest land: (ii). Copy of map indicating location of alternatives examined: 

## C-2. Whether the forest land identified for propecting is located in Scheduled Area

(i). Whether the forest land identified for prospecting is located in Scheduled Areas(Yes/No): Yes

## C-3. Details of activities proposed to be undertaken in forest land

(i). Details of surface sampling

| Details of surface sampling |                  |              |
|-----------------------------|------------------|--------------|
| S.no                        | Surface sampling | Area(in ha.) |
| 1                           | Chip sampling    | 0            |

(ii).Details of Pitting or trenching

| Details of Pitting or trenching |                |                        |                        |                         |                            |                       |
|---------------------------------|----------------|------------------------|------------------------|-------------------------|----------------------------|-----------------------|
| S.no                            | Number of Pits | Width of Pits (in km.) | Depth of Pits (in km.) | Length of Pits (in km.) | Total volume of excavation | Surface area (in ha.) |
| 1                               | 0              | 0                      | 0                      | 0                       | 0                          | 0                     |

(iii).Details of Drilling of Boreholes

| Details of Drilling of Borehole |                  |                    |
|---------------------------------|------------------|--------------------|
| S.no                            | Number of Drills | Diameter (in Inch) |
| 1                               | 80               | 4                  |

| Details of Drilling of Borehole |                               |  |   |  |
|---------------------------------|-------------------------------|--|---|--|
| S.no                            | Depth of boreholes (in meter) | Area of forest land likely to be experience temporary change in land | Area of forest land likely to be experience permanent change of | Total meterage of boreholes (in meter) |

|   |     | used at each borehole site(in ha.) | land used due to drilling or boreholes(in ha.) |      |
|---|-----|------------------------------------|--|------|
| 1 | 100 | 0.02                               | 0  | 8000 |

(iv).Construction of roads or paths involving temporary change in land use

| Details of construction of roads or paths involving temporary change in land |                 |                |                             |
|--|-----------------|----------------|-----------------------------|
| S.no   | Length (in km.) | width (in km.) | Area of forest land(in ha.) |
| 1  | 7.994           | 0.005          | 3.997                       |

(v).Construction of roads or paths involving permanent change in land use

| Details of Construction of roads or paths involving permanent change in land use |                 |                |                             |
|--|-----------------|----------------|-----------------------------|
| S.no   | Length (in km.) | width (in km.) | Area of forest land(in ha.) |
| 1  | 0               | 0              | 0                           |

(vi).Any other activity involving temporary change in land use

| Details of Any other activity involving temporary change in land use |  |                       |                |
|--|--|-----------------------|----------------|
| S.no   | Whether any other activity involving temporary change in land use in proposed to be undertaken ? | Area involved(in ha.) | Please specify |
| 1  | No   | 0                     |                |

(vii).Any other activity involving permanent change in land use

| Details of Any other activity involving permanent change in land use |  |                       |                |
|--|--|-----------------------|----------------|
| S.no   | Whether any other activity involving permanent change in land use in proposed to be undertaken ? | Area involved(in ha.) | Please specify |
| 1  | 0  | No                    |                |

C-  
4. Area of forest land likely to experience temporary change in land use

- (i). Surface sampling: NIL
- (ii). Pitting or trenching: NIL
- (iii). Drilling of bore holes (in ha.): 1.60
- (iv). Construction of roads or paths: 3.997
- (v). Other activity(pl. Specify): NIL
- (vi). Total : 5.597

C-  
5. Area of forest land likely to experience Permanent change in land use

- (i). Drilling of bore holes (in ha.): NIL
- (ii). Construction of roads/paths: NIL
- (iii). Other activity(pl. Specify): NIL
- (iv). Total : NIL

C-  
6. Details of machinery or equipments to be deployed for prospecting

| Details of machinery or equipments to be deployed for prospecting |                                |                  |               |                                     |                              |
|---|--------------------------------|------------------|---------------|-------------------------------------|------------------------------|
| S.no  | Name of equipment or machinery | Mode of traction | Size          | Estimated deployment(machine hours) | Maximum noise level(decibel) |
| 1   | Drilling rig- DICD 50          | Chain Roller     | 2.5 x 4 x 4.0 | 12                                  | 70                           |

D-  
1. Details of existing paths/roads in the proposed to be utilized for transport of the equipment or machines in the forest land

- (iv). Details of existing paths/roads in the proposed to be utilized for transport of the equipment or machines in the forest land :

D-  
2. Number and duration of stay in the forest land of the persons proposed to be deployed for prospecting

Details of Number and duration of stay in the forest land of the persons proposed to be deployed for prospecting

| S.no | Number of person | Duration |
|------|------------------|----------|
| 1    | 15               | 12       |

- D-  
3. Summary of the estimated quantity of ore and other samples proposed to be collected during the prospecting

| Details of Summary of the estimated quantity of ore and other samples proposed to be collected during the prospecting |  |                               |
|---|--|-------------------------------|
| S.no  | Details of sample  | Qty. proposed to be collected |
| 1   | 30 nos. of each borehole manganese ores drill core samples | 49.2                          |

- D-  
4. Estimated accuracy and confidence level for mineral reserve assessment

- (i). Estimated accuracy level for mineral reserve assessment : 80  
(ii). Estimated confidence level for mineral reserve assessment : 80

- D-  
5. Estimated accuracy and confidence level in case number of bore holes proposed to be drilled are reduced by

| Details of Estimated accuracy and confidence level in case number of bore holes proposed to be drilled are reduced by |               |                       |               |                       |               |                       |               |                       |               |                       |
|---|---------------|-----------------------|---------------|-----------------------|---------------|-----------------------|---------------|-----------------------|---------------|-----------------------|
| S.no  | Accuracy(10%) | Confidence level(10%) | Accuracy(20%) | Confidence level(20%) | Accuracy(30%) | Confidence level(30%) | Accuracy(40%) | Confidence level(40%) | Accuracy(50%) | Confidence level(50%) |
| 1   | 75            | 75                    | 70            | 70                    | 65            | 65                    | 60            | 60                    | 50            | 50                    |

- D-  
6. In case the proposal is for extension of the period of the permission granted for prospecting, or for drilling of additional boreholes, please provide following additional information


- (i). Details of approval accorded under the Forest(Conservation) Act, 1980 in the past

| Details of approval accorded under the Forest(Conservation) Act, 1980 in the past |                                 |   |                                    |                                  |
|---|---------------------------------|---|------------------------------------|----------------------------------|
| S.no  | Number of the approval accorded | Area of forest land permitted for prospecting(in ha.) | Validity (From) period of approval | Validity (To) period of approval |
| NIL   |                                 |   |                                    |                                  |

- (ii). Report on status of compliance to the conditions stipulated in the approval accorded in the past


| Report on status of compliance to the conditions stipulated in the approval accorded in the past |                      |                      |
|--|----------------------|----------------------|
| S.no   | Condition stipulated | Status of compliance |
| 1  | NIL                  | NA                   |

- (iii). Details of violation(s), if any committed: Nil

- (iv). Justification for extension of permission accorded for prospecting: 

- (v). Copy of note containing details of prospecting activities undertaken and sample collected, so far: 

Additional Information (if any.)

| Documents |   |  |
|-----------|---|--|
| S.No      | Documents   | Remarks  |
| 1         |  | i)Undertaking ii)Co-ordinates of exploratory boreholes proposed, iii)Item wise break-up proposed Exploration of Boreholes and Roads. |

  
S.K. Das

Dy. General Manager (Geo)  
Power of Attorney Holder  
Odisha Mining Corporation Ltd.  
Bhubaneswar-751001