



# Odisha Mining Corporation Limited

(A GOLD CATEGORY STATE PSU)

## ANNEXURE-V

### UNDERTAKING

I Sri S. K. Das, Dy. General Manager (Geo), Power of attorney holder of O.M.C. Ltd do hereby undertake that:

- S.L No-1(ix):** The change in land use during the proposed prospecting survey within forest land of Roida-78 Manganese Mining Lease (as per Plate-II enclosed in the proposal) will be of temporary in nature.
- S.L No-1(xii):** OMC will approach Ministry of Environment, Forests & Climate Change, Government of India, for diversion of forest land under section 2 (ii) & (iii) after finalization of exploration/prospecting survey within Roida-78 Manganese Mine.
- S.L No-2(i):** The prospecting survey at Roida-78 Manganese Mines will not involve any clearing of forest or cutting trees and the operations will be restricted to cleaning of bushes and looping of tree branches for purpose of sighting. GPS/DGPS survey shall be undertaken without damaging any vegetation cover.
- S.L No-2(i):** The proposed prospecting survey of Roida-78 Manganese Mining Lease does not come within any protected areas such as Wildlife Sanctuary and National Park.
- S.L No-4:** The location of Roida-78 Manganese Mining lease is listed within the Schedule areas of Odisha. This is as per the Constitution Order, 109 dated 31.12.1977.  
(Ref.: <http://tribal.nic.in/Content/ScheduledAreasinOrissaSSAreas.aspx>)

(S. K. Das)

Dy. General Manager (Geo)  
Power of attorney holder  
Odisha Mining Corporation Limited

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

| LOCATION OF PROPOSED BOREHOLES IN ROIDA 78 LEASE, M/s OMC Ltd |        |                  |                 |           |            |
|---------------------------------------------------------------|--------|------------------|-----------------|-----------|------------|
| Sl No.                                                        | Bh No  | Longitude        | Latitude        | Easting   | Northing   |
| 1                                                             | 2      | 3                | 4               | 5         | 6          |
| 1                                                             | PBH 1  | 85° 22' 34.70" E | 22° 1' 41.90" N | 332417.94 | 2436850.76 |
| 2                                                             | PBH 2  | 85° 23' 26.40" E | 22° 1' 40.80" N | 333900.08 | 2436801.24 |
| 3                                                             | PBH 3  | 85° 23' 29.34" E | 22° 1' 40.80" N | 333984.38 | 2436800.35 |
| 4                                                             | PBH 4  | 85° 23' 33.42" E | 22° 1' 40.80" N | 334101.38 | 2436799.12 |
| 5                                                             | PBH 5  | 85° 23' 36.90" E | 22° 1' 40.92" N | 334201.21 | 2436801.76 |
| 6                                                             | PBH 6  | 85° 22' 34.08" E | 22° 1' 43.50" N | 332400.68 | 2436900.16 |
| 7                                                             | PBH 7  | 85° 22' 37.50" E | 22° 1' 43.50" N | 332498.75 | 2436899.12 |
| 8                                                             | PBH 8  | 85° 22' 41.52" E | 22° 1' 43.62" N | 332614.06 | 2436901.58 |
| 9                                                             | PBH 9  | 85° 22' 44.40" E | 22° 1' 43.62" N | 332696.65 | 2436900.70 |
| 10                                                            | PBH 10 | 85° 23' 12.60" E | 22° 1' 44.22" N | 333505.47 | 2436910.60 |
| 11                                                            | PBH 11 | 85° 23' 15.42" E | 22° 1' 43.98" N | 333586.26 | 2436902.36 |
| 12                                                            | PBH 12 | 85° 23' 19.38" E | 22° 1' 43.92" N | 333699.79 | 2436899.32 |
| 13                                                            | PBH 13 | 85° 23' 22.92" E | 22° 1' 43.92" N | 333801.30 | 2436898.25 |
| 14                                                            | PBH 14 | 85° 23' 26.40" E | 22° 1' 43.98" N | 333901.11 | 2436899.04 |
| 15                                                            | PBH 15 | 85° 23' 29.80" E | 22° 1' 44.00" N | 333998.61 | 2436898.63 |
| 16                                                            | PBH 16 | 85° 23' 33.30" E | 22° 1' 44.00" N | 334098.97 | 2436897.57 |
| 17                                                            | PBH 17 | 85° 23' 36.78" E | 22° 1' 44.10" N | 334198.79 | 2436899.60 |
| 18                                                            | PBH 18 | 85° 22' 34.86" E | 22° 1' 47.34" N | 332424.30 | 2437018.02 |
| 19                                                            | PBH 19 | 85° 22' 37.50" E | 22° 1' 46.80" N | 332499.83 | 2437000.61 |
| 20                                                            | PBH 20 | 85° 22' 40.92" E | 22° 1' 46.80" N | 332597.90 | 2436999.57 |
| 21                                                            | PBH 21 | 85° 22' 44.40" E | 22° 1' 46.80" N | 332697.69 | 2436998.51 |
| 22                                                            | PBH 22 | 85° 22' 47.88" E | 22° 1' 46.80" N | 332797.47 | 2436997.45 |
| 23                                                            | PBH 23 | 85° 22' 51.42" E | 22° 1' 46.92" N | 332899.02 | 2437000.06 |
| 24                                                            | PBH 24 | 85° 23' 5.70" E  | 22° 1' 47.52" N | 333308.69 | 2437014.18 |
| 25                                                            | PBH 25 | 85° 23' 8.70" E  | 22° 1' 46.62" N | 333394.42 | 2436985.59 |
| 26                                                            | PBH 26 | 85° 23' 11.82" E | 22° 1' 46.50" N | 333483.85 | 2436980.95 |
| 27                                                            | PBH 27 | 85° 23' 15.78" E | 22° 1' 47.10" N | 333597.60 | 2436998.21 |
| 28                                                            | PBH 28 | 85° 23' 18.72" E | 22° 1' 47.52" N | 333682.04 | 2437010.23 |
| 29                                                            | PBH 29 | 85° 23' 22.32" E | 22° 1' 47.70" N | 333785.32 | 2437014.68 |
| 30                                                            | PBH 30 | 85° 23' 26.28" E | 22° 1' 47.28" N | 333898.74 | 2437000.57 |
| 31                                                            | PBH 31 | 85° 23' 29.82" E | 22° 1' 47.28" N | 334000.25 | 2436999.50 |
| 32                                                            | PBH 32 | 85° 23' 33.30" E | 22° 1' 47.40" N | 334100.07 | 2437002.14 |
| 33                                                            | PBH 33 | 85° 23' 36.78" E | 22° 1' 47.40" N | 334199.86 | 2437001.09 |
| 34                                                            | PBH 34 | 85° 22' 33.72" E | 22° 1' 49.20" N | 332392.22 | 2437075.57 |

*B. S. Chandra*  
Deputy manager(Geo)  
OMC LTD

*Shyamanta Kumar*  
Authorised Signatory  
of lessee  
Roida

*S. S. S.*  
Forester  
Guali Section  
Forest Section Officer  
Guali Section

(Regional Manager, Barbil)  
Regional Manager  
Odisha Mining Corporation Ltd  
BARBIL

| 1  | 2      | 3                | 4               | 5         | 6          |
|----|--------|------------------|-----------------|-----------|------------|
| 35 | PBH 35 | 85° 22' 37.38" E | 22° 1' 49.98" N | 332497.43 | 2437098.45 |
| 36 | PBH 36 | 85° 22' 40.92" E | 22° 1' 49.98" N | 332598.94 | 2437097.37 |
| 37 | PBH 37 | 85° 22' 44.40" E | 22° 1' 50.10" N | 332698.76 | 2437100.00 |
| 38 | PBH 38 | 85° 22' 47.88" E | 22° 1' 50.10" N | 332798.55 | 2437098.94 |
| 39 | PBH 39 | 85° 22' 51.42" E | 22° 1' 50.10" N | 332900.06 | 2437097.86 |
| 40 | PBH 40 | 85° 22' 54.90" E | 22° 1' 50.22" N | 332999.89 | 2437100.50 |
| 41 | PBH 41 | 85° 22' 58.38" E | 22° 1' 50.22" N | 333099.67 | 2437099.44 |
| 42 | PBH 42 | 85° 23' 1.80" E  | 22° 1' 50.28" N | 333197.76 | 2437100.25 |
| 43 | PBH 43 | 85° 23' 4.98" E  | 22° 1' 49.14" N | 333288.57 | 2437064.22 |
| 44 | PBH 44 | 85° 23' 8.82" E  | 22° 1' 50.28" N | 333399.05 | 2437098.12 |
| 45 | PBH 45 | 85° 23' 12.30" E | 22° 1' 50.40" N | 333498.88 | 2437100.75 |
| 46 | PBH 46 | 85° 23' 15.78" E | 22° 1' 50.40" N | 333598.67 | 2437099.70 |
| 47 | PBH 47 | 85° 23' 19.62" E | 22° 1' 50.22" N | 333708.72 | 2437093.00 |
| 48 | PBH 48 | 85° 23' 22.80" E | 22° 1' 50.52" N | 333800.00 | 2437101.27 |
| 49 | PBH 49 | 85° 23' 25.98" E | 22° 1' 50.52" N | 333891.19 | 2437100.30 |
| 50 | PBH 50 | 85° 23' 29.82" E | 22° 1' 50.52" N | 334001.30 | 2437099.14 |
| 51 | PBH 51 | 85° 23' 33.30" E | 22° 1' 50.60" N | 334101.11 | 2437100.55 |
| 52 | PBH 52 | 85° 23' 36.70" E | 22° 1' 50.60" N | 334198.60 | 2437099.53 |
| 53 | PBH 55 | 85° 22' 41.90" E | 22° 1' 52.30" N | 332627.79 | 2437168.42 |
| 54 | PBH 56 | 85° 22' 44.82" E | 22° 1' 53.10" N | 332711.79 | 2437192.14 |
| 55 | PBH 57 | 85° 22' 47.80" E | 22° 1' 53.30" N | 332797.30 | 2437197.38 |
| 56 | PBH 58 | 85° 22' 51.30" E | 22° 1' 53.40" N | 332897.69 | 2437199.39 |
| 57 | PBH 59 | 85° 22' 54.40" E | 22° 1' 53.40" N | 332986.58 | 2437198.45 |
| 58 | PBH 60 | 85° 22' 58.40" E | 22° 1' 53.50" N | 333101.31 | 2437200.31 |
| 59 | PBH 61 | 85° 23' 1.80" E  | 22° 1' 53.50" N | 333198.81 | 2437199.28 |
| 60 | PBH 62 | 85° 23' 5.30" E  | 22° 1' 53.60" N | 333299.20 | 2437201.29 |
| 61 | PBH 63 | 85° 23' 8.80" E  | 22° 1' 53.60" N | 333399.56 | 2437200.23 |
| 62 | PBH 64 | 85° 23' 12.30" E | 22° 1' 53.60" N | 333499.92 | 2437199.17 |
| 63 | PBH 65 | 85° 23' 15.80" E | 22° 1' 53.60" N | 333600.28 | 2437198.11 |
| 64 | PBH 66 | 85° 23' 19.30" E | 22° 1' 53.70" N | 333700.67 | 2437200.12 |
| 65 | PBH 67 | 85° 23' 22.80" E | 22° 1' 53.70" N | 333801.03 | 2437199.07 |
| 66 | PBH 68 | 85° 23' 26.30" E | 22° 1' 53.80" N | 333901.43 | 2437201.08 |
| 67 | PBH 69 | 85° 23' 29.70" E | 22° 1' 53.80" N | 333998.92 | 2437200.06 |
| 68 | PBH 70 | 85° 23' 33.20" E | 22° 1' 53.80" N | 334099.28 | 2437199.00 |
| 69 | PBH 71 | 85° 23' 36.70" E | 22° 1' 53.91" N | 334199.67 | 2437201.33 |

  
Deputy manager(Geo)

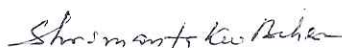
OMC LTD  
of lessee

(Regional Manager, Barbil)  
Regional Manager

Odisha Mining Corporation Ltd  
BARBIL



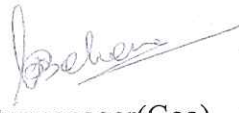
Forest Guard  
Roida



Forester  
Guali Section

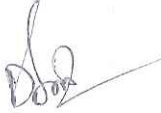


| 1  | 2      | 3                | 4               | 5         | 6          |
|----|--------|------------------|-----------------|-----------|------------|
| 70 | PBH 72 | 85° 23' 1.80" E  | 22° 1' 55.98" N | 333199.61 | 2437275.55 |
| 71 | PBH 73 | 85° 23' 5.28" E  | 22° 1' 55.98" N | 333299.40 | 2437274.49 |
| 72 | PBH 74 | 85° 23' 8.82" E  | 22° 1' 55.98" N | 333400.91 | 2437273.42 |
| 73 | PBH 75 | 85° 23' 11.94" E | 22° 1' 56.28" N | 333490.47 | 2437281.70 |
| 74 | PBH 76 | 85° 23' 15.30" E | 22° 1' 56.30" N | 333586.82 | 2437281.30 |
| 75 | PBH 77 | 85° 23' 19.32" E | 22° 1' 56.70" N | 333702.22 | 2437292.38 |
| 76 | PBH 78 | 85° 23' 23.40" E | 22° 1' 56.10" N | 333819.02 | 2437272.70 |
| 77 | PBH 79 | 85° 23' 26.20" E | 22° 1' 57.00" N | 333899.60 | 2437299.53 |
| 78 | PBH 80 | 85° 23' 29.70" E | 22° 1' 57.00" N | 333999.95 | 2437298.47 |
| 79 | PBH 81 | 85° 23' 33.20" E | 22° 1' 57.00" N | 334100.31 | 2437297.42 |
| 80 | PBH 82 | 85° 23' 36.70" E | 22° 1' 57.10" N | 334200.71 | 2437299.43 |

  
Deputy manager(Geo)  
OMC LTD

  
Authorised Signatory  
of lessee

  
Forest Guard  
Roida

  
Forester  
Guali Section

(Regional Manager, Barbil)

Regional Manager  
Odisha Mining Corporation Ltd  
BARBIL

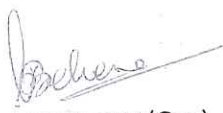
### ITEM WISE BREAK-UP OF PROPOSED EXPLORATION OF BORE HOLES AND ROADS IN ROIDA-78 LEASE AREA

| Sl. No | items                        | Reserved Forest | Grand Total |
|--------|------------------------------|-----------------|-------------|
| 1      | No. of proposed bore holes   | 80 Nos          | 80 Nos      |
| 2      | Approach road length in Mtrs | 4880.00         | 4880.00     |
| 3      | Existing road length in Mtrs | 3114.00         | 3114.00     |

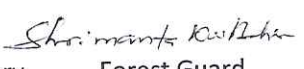
### CATEGORY WISE BREAK-UP OF AREA FOR EXPLORATION OF BORE HOLES IN ROIDA-78 AREA

| SL. No | items                     | Area in Reserved Forest (in Hect.) | Grand total area (in Hect.) |
|--------|---------------------------|------------------------------------|-----------------------------|
| 1      | Bore holes area(in Ha)    | 1.60 Ha                            | 1.60Ha                      |
| 2      | Approach road area(in Ha) | 2.440 Ha                           | 2.440 Ha                    |
| 3      | Existing road area(in Ha) | 1.557 Ha                           | 1.557 Ha                    |
|        | <b>Total area in Ha</b>   | <b>5.597 Ha</b>                    | <b>5.597 Ha</b>             |

**Total 5.597 Hect. of Reserve Forest land to be diverted for non forest activities in Roida-78 lease area, M/s OMC.Ltd.**

 Deputy Manager (Geo)  
 OMC LTD.  
 Sr. Manager (Geo)  
 O. M. C. Ltd.

 Authorised Signatory  
 Of Lessee  
 (Regional Manager, Barbil)  
 Regional Manager  
 Odisha Mining Corporation Ltd  
**BARBIL**

 Forest Guard  
 Roida

 Forester  
 Guali section

 Range Officer  
 Barbil Range  
 Forest Range Off  
 Barbil Range

Forest Section Officer  
 Guali section