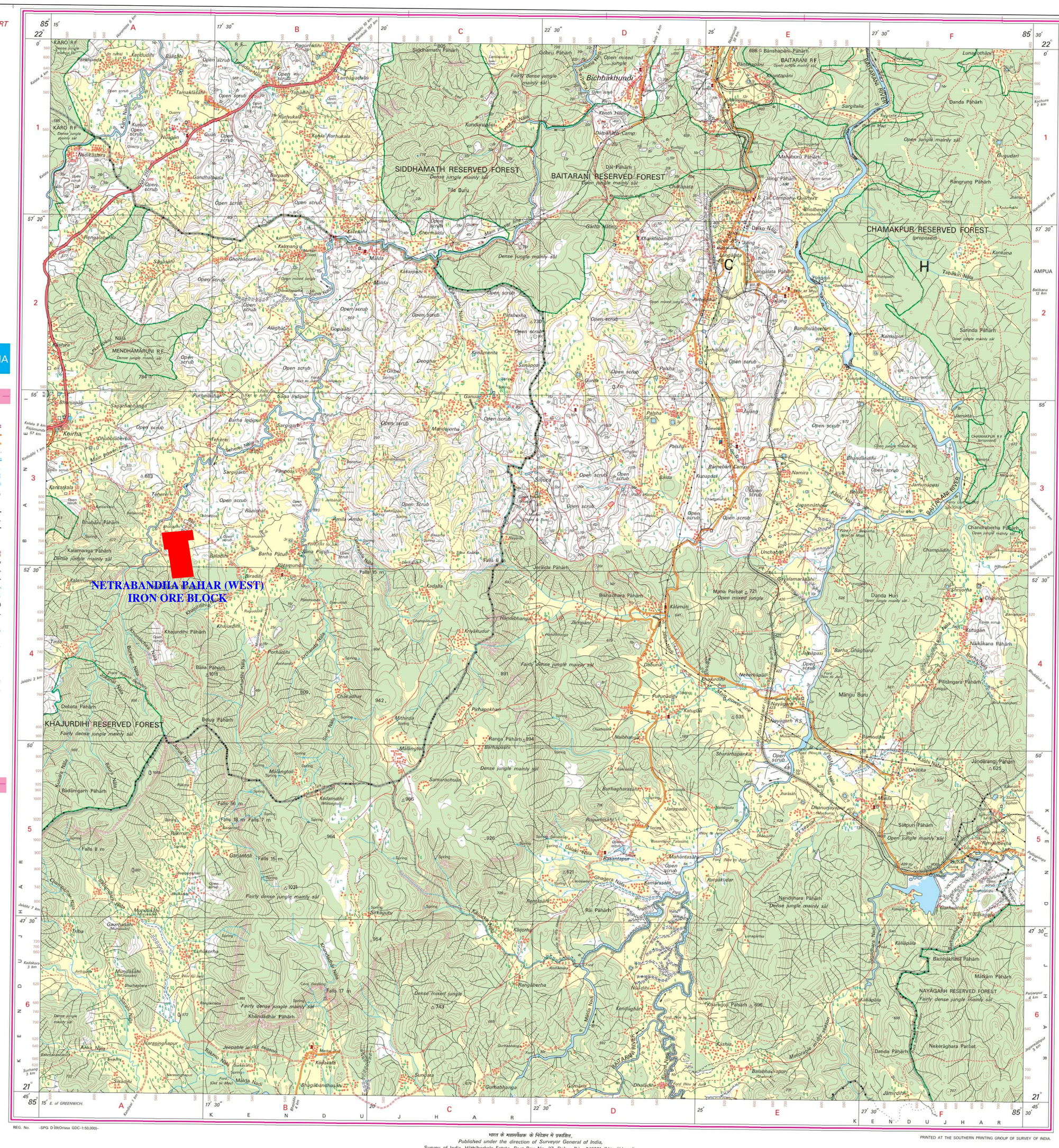


N

00M 500 1,000 1,500 2,000 2,500M 5,000M 7,500M 10,000M 12,500M

00cm 1 2 3 4 5cm 10cm 15cm 20cm 25cm

Scale:1:50,000

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

# No. F45N5

Scale 1:50,000

| | | |
|---|---|---|
| F45H4 (73F4) | F45H8 (73F8) Paschimi Singhbhūm JHARKHAND | F45H12 (73F12) |
| F45N1 (73G1) Sundargarh ORISSA | F45N5 (73G5) | F45N9 (73G9) Kendujhar ORISSA |
| F45N2 (73G2) Deogarh ORISSA | F45N6 (73G6) Anugul ORISSA | F45N10 (73G10) |

1 Mayūrbhanj, ORISSA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

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## CONVENTIONAL SYMBOLS

Express highway; with toll; with bridge; with distance stone
Roads, metalled: according to importance
Roads, double carriageway: according to importance
Unmetalled road. Cart-track. Pack-track and pass. Foot-path
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled; earthwork. Weir
River: dry with water channel; with island & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; under constrn
Railways, other gauges: double; single with distance stone; do
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1)flat.(2)sand-hills (permanent). (3)dunes(shifting)
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgāh. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees
Areas: cultivated; wooded. Surveyed tree
Boundary, international
" state: demarcated; undemarcated
" district; subdivision, tahsil or tāluk; forest
Boundary pillars: surveyed, unlocated.
Heights, triangulated: station; point; approximate. △200 .200 .200
Bench-mark: geodetic; tertiary; canal BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Overhead tank.
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected CG RF PF
Spaced names: administrative; locality or tribal KIKRI NĀGA
Hospital. Dispensary. Veterinary: Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

## REFERENCES

NH 215 National Highway No. 215. SER South Eastern Railway.

## NOTES :–

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, .8r, represents the approximate height, in metres, between the top and bottom of a steep slope.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.
The district and subdivision boundaries in this sheet have been surveyed as pointed out by the local officials on the ground, but have not been verified by the District authorities.
The reserved forest boundary of Khajurdihi Reserved Forest in squares A / 4 & 5 has been taken from Forest maps.
Hand Pump is shown thus.....1.

## COMPILATION INDEX

A Compiled from 1:25,000 survey 1973–74, 78–79. Updated for major details during 2005–06.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about 1½° West in 2005.
(Annual change negligible).

1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES


For further details about this map, please contact
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Orissa Geo-Spatial Data Centre
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Survey Bhawan, PO – R R Laboratory
Bhubaneshwar – 751013
Fax : 0674 – 2301418

WEBSITE – www.surveyofindia.gov.in



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REG. No. –SPG D 09(Orissa (GDC–1:50,000)–

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**DGPS SURVEYED BLOCK PILLAR CO-ORDINATES**

| Sl_No | Pillar-Id | Latitude | Longitude | Easting | Northing |
|---|---|---|---|---|---|
| 1 | 1 | N21°52'58.66927" | E85°16'46.84900" | 322262.391 | 2420867.487 |
| 2 | 2 | N21°52'44.60249" | E85°16'49.22482" | 322325.748 | 2420434.089 |
| 3 | 3 | N21°52'44.97118" | E85°16'52.67427" | 322424.895 | 2420444.321 |
| 4 | 4 | N21°52'20.13448" | E85°16'56.99025" | 322540.256 | 2419679.066 |
| 5 | 5 | N21° 52' 21.842" | E85° 17' 16.168" | 323091.3828 | 2419725.432 |
| 6 | 6 | N21° 52' 52.774" | E85° 17' 10.449" | 322937.824 | 2420678.615 |
| 7 | 7 | N21° 52' 53.367" | E85° 17' 15.901" | 323094.5303 | 2420695.09 |
| 8 | 8 | N21°53'01.24710" | E85°17'14.57591" | 323059.183 | 2420937.88 |

Authorised Signatory
APPLICANT

Plate No-I

**LOCATION MAP OF PROJECT AREA**

NETRABANDHA PAHAR (WEST) IRON ORE BLOCK
OVER 74.370Ha. under Koira Tahasil of Sundargarh District, Odisha

M/S. RAGA TRADECON PVT. LTD.

Scale -1 : 50,000