

TOPO MAP SHOWING FOREST LAND TO BE DIVERTED FOR SAFETYZONE AREA TO BE USED FOR CONSTRUCTION OF ROAD INSIDE THE ML BOUNDARY OF ROIDA-II IRON ORE BLOCK OF M/S NARBHERAM POWER & STEEL PVT. LIMITED AT KEONJHAR DISTRICT

No. F45H8

Scale 1:50,000

F45H3 (73F/3)	F45H7 (73F/7) Pashchim Singhohm JHARKHAND	F45H11 (73F/11)
F45H4 (73F/4)	F45H8 (73F/8) Kendujhar ORISSA	F45H12 (73F/12)
Sundergarh ORISSA	F45N1 (73G/1)	F45N5 (73G/5)
F45N9 (73G/9)		

1 Simdega, JHARKHAND.
2 Mayurbhanj, ORISSA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

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CONVENTIONAL SYMBOLS

Express Highway: with toll with bridge, with distance sign		20
Roads, metalled: according to importance		
Roads, double carriageway: according to importance		
Unmetalled road: Cart-track: Pack-track with pass, Foot path		
Stream: with track in bed, underdrain, Canal		
Dense: masonry or rock filled, earthwork, Wall		
River: dry with water channel, with island & rocks, Tidal river		
Submerged rocks, Shoal, Swamp, Reeds		
Wells: lined, unlined, Tube-well, Spring, Tanka, Perennial, dry		
Embankment: road or rail track, Broken ground		
Railways, broad gauge: double, single with station, under construction		
Railways, other gauges: double, single with distance stone, in construction		
Mine: line or traverse: Kite, Cutting with tunnel		
Contours with sub features: Rocky slopes, Cliffs		
Sand features: (Dune, Sand-hill, permanent), (Ephemeral)		
Towns or Villages: inhabited, deserted, Fort		
Huts: permanent, temporary, Towers, Antiquities		
Temples, Chhatris, Churches, Mosques, Igahs, Tanks, Groves		
Lighthouses, Lightships, Buoys, lighted, unlighted, Anchorage		
Mts. Vines on trees, Grass, Scrub		
Palm, palmyra, other: Palmyra, Candler, Bamboo, Other trees		
Areas: cultivated, wooded, Surveilled tree		
Boundary, international:		
State: demarcated, undemarcated		
Electric, subdivision, tele or tele. forest		
Boundary pillars: surveyed, unlocated, village		
Height, trigonometrical station, point, aneroid		200
Spot height, geodetic, primary, secondary		BM 63.3
Post office, Telegraph office, Overhead line		
Post houses or inspection bungalows, Guard house, Police station		
Camping ground, Forest, reserved, protected		
Special names: administrative, locality or tribal		KIKRI
Hospital, Dispensary, Veterinary, Hospital, Dispensary		NAGA
Asylum, Hospital, Tourist site		
Power line: with poles surveyed, with poles unsurveyed		

REFERENCES

NMDC National Mineral Development Corporation
PWD Public Works Department

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, H_r , represents the approximate height, in metres, between the top and bottom of a steep slope.
The kilometre scale numbers along roads and railways are shown in black type, e.g., 12 whereas the kilometre scale numbers shown in light type, e.g., 12.5.
The state boundary between Jharkhand and Orissa States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Government concerned.
Reserved and Protected forest boundaries have been surveyed as pointed out by the local officials on the ground but have not been verified by the forest authorities concerned.
The exterior boundaries of areas of Reserved or Protected forests are shown by green ribbons.

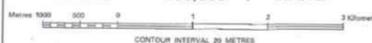
COMPILATION INDEX

A	Surveyed during 1971-77. Updated for major details from satellite imagery of 2007 during 2008-09.
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Projection - UTM Datum - WGS 84

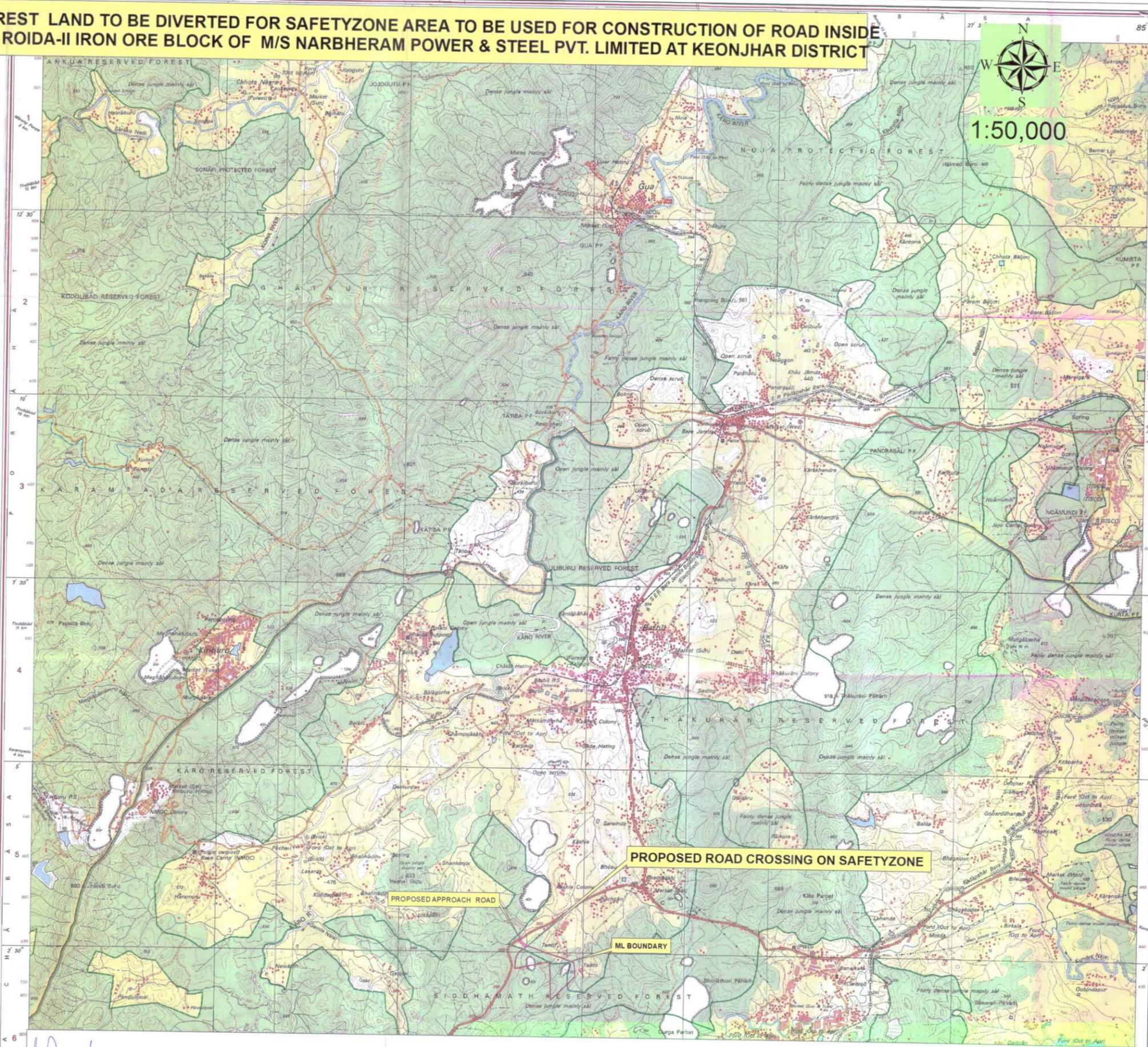
Magnetic Variation from True North about 1/2° West in 2005.
(Decreasing by about 1° annually.)

1:50,000



CONTOUR INTERVAL 20 METRES

For further details about this map, please contact:
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1:50,000

FOREST SECTION OFFICER: GUALI

REVENUE INSPECTOR BHADRASHA

TAHASILDAR BARBIL

Forest Range Officer BARBIL

Junior Mining Officer Office of the JDM Joda

Joint Director of Mines, Joda, Dist. - Keonjhar