

I/525084/2024

**GOVERNMENT OF ASSAM
ENVIRONMENT AND FOREST DEPARTMENT
JANATA BHAWAN, DISPUR, GUWAHATI-6**

eCF No.279287/791

Dated Dispur, the April, 2024

To : The Scientist-'E',
Government of India,
Ministry of Environment, Forest & Climate Change,
Sub office, Guwahati,
4th Floor, Housefed Building,
G.S Road, Rukminigaon, Guwahati-781022

Sub : Forest diversion proposal of 6.09 Ha. of forest land for drilling of exploratory location TNAA in Sonai Reserved Forest under Cachar Division in favour of ONGC -reg.

Ref : Government of India letter F.No. 3-AS C/132/2022/GHY/5249-5250 dated 22.02.2024.

Sir,

In inviting reference to your letter on the subject cited above, I am directed to enclose herewith a copy of the letter No. FG.27/FCA/Proposal/ONGC/Drilling location TNAA/Cachar Divn. dated 04.04.2024, along with its enclosures, received from the Chief Conservator of Forests & Nodal Officer (FC Act), Assam, O/o the PCCF & HoFF, Assam, which is self explanatory, for favour of your kind information and necessary action.

Enclo : As stated above.

Yours faithfully,

**Signed by
Neera Daulagupu**

Date: 09-04-2024 17:56:21
Secretary to the Govt. of Assam
Environment and Forest Department

Memo eCF No.279287/791-A
Copy to:-

Dated Dispur, the April, 2024

The Principal Chief Conservator of Forests & HoFF, Assam (i/c),
Panjabari, Guwahati-37.

e-signed
Secretary to the Govt. of Assam
Environment and Forest Department

**GOVERNMENT OF ASSAM
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND
HEAD OF FOREST FORCE, ASSAM
ARANYA BHAWAN, PANJABARI, GUWAHATI-37**

Email: addlpccef.nodal@gmail.com

No. FG.27/FCA/Proposal/ONGC/Drilling location TNAA/Cachar Divn.

Dated 02.04.2024

To,

The Special Chief Secretary to the Government of Assam,
Environment and Forest Department, Dispur, Guwahati-6.

Sub: **Proposal for diversion of 6.09 Ha. of forest land for drilling exploratory location TNAA in Sonai Reserved Forest under Cachar Division in favour of ONGC.**

Ref: Government of India letter No. 3-AS C/132/2022/GHY/5249-5250 dated 22.02.2024.

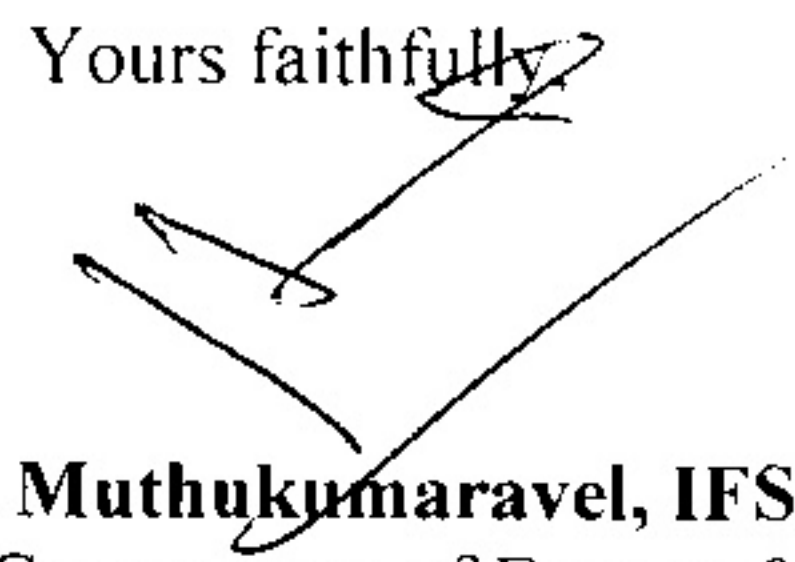
Sir,

With reference to the above, I am submitting herewith the revised Compensatory Afforestation land i.e. 6.09 Ha. non forest land adjacent to Burahchapory Wildlife Sanctuary under Nagaon Wildlife Division alongwith KML file, Sol Toposheet map, Georeference map, site suitability certificate & CA scheme against the forest diversion proposal of 6.09 Ha. of forest land for drilling exploratory location TNAA in Sonai Reserved Forest under Cachar Division in favour of ONGC.

Therefore, you are requested to above-mentioned information may kindly be sent to the Government of India, MoEF&CC, Sub Office, Guwahati (Under Regional Office, Shillong), Guwahati accordingly.

Encl: As stated above.


Yours faithfully,


(Dr. C Muthukumaravel, IFS)
Chief Conservator of Forests &
Nodal Officer (FC Act), Assam

O/o the Principal Chief Conservator of Forests and
Head of Forest Force, Assam

Copy to: -

1. The Chief Conservator of Forests, Southern Assam Circle, Silchar for kind information.
2. The Divisional Forest Officer, Cachar Division, Silchar for information.
3. The S Geologist, ONGC, AAFB Exploratory Asset ONGC, Srikona Silchar, Cachar-788062 for information.



Chief Conservator of Forests &
Nodal Officer (FC Act), Assam
O/o the Principal Chief Conservator of Forests and
Head of Forest Force, Assam

o/e

150

**CERTIFICATE FROM COMPETENT AUTHORITY REGARDING SUITABILITY OF THE
AREA IDENTIFIED FOR COMPENSATORY AFFORESTATION**

Certified that the proposed site for 6.09 Ha. Compensatory Plantation against the diversion proposal of 6.09 Ha. forest land for ONGC Silchar exploratory drilling TNAA under Cachar Division (Proposal No. FP/AS/MIN/47775/2020) has been allotted inside the compensatory afforestation land bank of 830 Ha. of evicted non forest land adjacent to Burahchapory Wildlife Sanctuary under Nagaon Wildlife Division, Nagaon and upon inspection, it is found to be suitable for raising Compensatory Afforestation Plantation. Especially Species like Azar (*Crataegus azarolus*), Simolu (*Bombax ceiba*), Jamun (*Syzygium cumini*), Kadam (*Neolamarckia cadamba*), koroi (*Albizia procera*), Sisue (*Dalbergia sissoo*) etc. are suitable for plantation in the proposed area.


Divisional Forest Officer,
Nagaon Wildlife Division,
Nagaon
Dy. Director, Kaziranga Tiger Reserve

CA Scheme for 6.09 Hectare Artificial Regeneration (AR) Plantation for ONGC

| | |
|--|--------|
| Area (ha.) | 6.09 |
| Spacing (m x m) | 2 X 2 |
| Number of Saplings/ ha | 2500 |
| Length of Fence (RM) | 990 * |
| Wage rate (Rs.) | 344 |
| Increase in wage rate for subsequent years by a factor | 1.1 ** |

| SL. No. | Particulars of works | Units | Qty./ Ha. | Total Qty. | Rate/ Unit | Amount (Rs.) | Applicable rate of GST/ Cess etc. | |
|----------|---|-------|-----------|------------|------------|----------------|-----------------------------------|-------------|
| | | | | | | | GST | Labour Cess |
| A | ERECTION OF FENCING | | | | | | | |
| | (a) Cost of full chain link fencing (4' ht with 10 gauge 3" dia link) with 2 strand barbed wire, to be fitted on pre-cast RCC pillars of specific specification and size (2.1m x 0.125m x 0.125m) as per detail specification attached at 2.5 m apart, including transportation, fitting and fixing for 990 RM @ Rs. 1706/RM as per estimate (Inclusive of 14.05% GST and 1% Labour Cess) | RMs | | 990 | 1706 | 1688940 | | |
| | Sub Total | | | | | 1688940 | | |
| B | INFRASTRUCTURE IN PLANTATION AREA | | | | | | | |
| | Construction of Camp Hut with installation of Ring Well/ Tube Well | Nos. | | 1 | 225000 | 225000.00 | | |
| | Cost of tools & implements | Set | | 1 | 10000 | 10000 | | |
| | Cost of RCC signboard & Gate including fitting and fixing of the same | Nos. | | 1 | 40000 | 40000 | | |
| | Camp accessories @ Rs. 1000 Per Camp | Nos. | | 1 | 10000 | 10000 | | |
| | Sub Total | | | | | 285000 | | |
| | GST | | | | | 34200 | 12% | |
| | Labour Cess | | | | | 2850 | | 1% |
| | Total | | | | | 322050 | | |
| C | ADVANCE WORK | | | | | | | |
| | Raising of Nursery for creation including vacancy filling for 3 (three) years (25% + 15% + 10%) and site nursery mortality 15% by using polypots | Nos. | 4125 | 25121.25 | 10 | 251213 | | |
| | Site selection, surveying, demarcation, jungle cutting, slash disposal etc. 40 DLs/ha. | DLs | 40 | 243.6 | 344 | 83798 | | |
| | Sub Total | | | | | 335011 | | |
| D | CREATION | | | | | | | |
| | Soil working, carriage of stumps, polypot seedling and planting at the plantation site including, dibbling of seeds wherever necessary to complete raising of plantation with all necessary operation @ 50 DLs/ ha | DLs | 50 | 304.5 | 344 | 104748 | | |
| | Sub Total | | | | | 104748 | | |
| E | 1ST YEAR MAINTENANCE | | | | | | | |
| | 4 weeding, mulching and fire protection works @ 25 DLs/ ha/ weeding | DLs | 100 | 609 | 344 | 209496 | | |
| | Maintenance & Protection by way of deploying of watch and ward for site nursery and plantation area (2 DL for 365 days) | DLs | 2 | 730 | 344 | 251120 | | |
| | Contingency | LS | | | | 10000 | | |
| | Sub total | | | | | 470616 | | |
| F | 2ND YEAR MAINTENANCE | | | | | | | |
| | 4 weeding, mulching & fire protection works @ 25 DLs/ha/weeding | DLs | 100 | 609 | 378.4 | 230445.6 | | |

| | | | | | | | | |
|----------|---|-----|----|--------|-----------|--------------------|--|--|
| | 25% vacancy filling by 1 year old seedlings from nursery @ 28 DLs/ha | DLs | 28 | 170.52 | 378.4 | 64524.768 | | |
| | Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (2 DL for 365 days) | Dls | 2 | 730 | 378.4 | 276232 | | |
| | Maintenance of Camp Hut, Implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 10000 | | |
| | Contingency | LS | | | | 10000 | | |
| | Sub Total | | | | | 591202.368 | | |
| G | 3RD YEAR MAINTENANCE | | | | | | | |
| | 4 weedings, mulching & fire protection works @ 20 DLs/ ha/ weeding | DLs | 80 | 487.2 | 416.24 | 202792.128 | | |
| | 15% Vacancy filling by 2 year old seedlings from nursery @ 23 DLs/ ha | DLs | 23 | 140.07 | 416.24 | 58302.7368 | | |
| | Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (2 DL for 365 days) | Dls | 2 | 730 | 416.24 | 303855.2 | | |
| | Maintenance of Camp Hut, Implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 5000 | | |
| | Contingency | LS | | | | 10000 | | |
| | Sub Total | | | | | 579950.0648 | | |
| H | 4TH YEAR MAINTENANCE | | | | | | | |
| | 3 weedings, fire protection works @ 15 DLs/ ha/ weeding | DLs | 45 | 274.05 | 457.864 | 125477.6292 | | |
| | 10% Vacancy filling by 3 year old seedlings from nursery @ 20 DLs/ ha | DLs | 20 | 121.8 | 457.864 | 55767.8352 | | |
| | Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days) | DLs | 1 | 365 | 457.864 | 167120.36 | | |
| | Maintenance of Camp Hut, Implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 5000 | | |
| | Contingency | LS | | | | 10000 | | |
| | Sub Total | | | | | 363365.8244 | | |
| I | 5TH YEAR MAINTENANCE | | | | | | | |
| | Climber cutting, 3 weedings & other silvicultural works and fire protection works @ 15 DLs/ ha | DLs | 45 | 274.05 | 503.6504 | 138025.3921 | | |
| | Maintenance and protection by way of deploying of watch & ward for site nursery & plantation area (1 DL for 365 days) | Dls | 1 | 365 | 503.6504 | 183832.396 | | |
| | Maintenance of Camp Hut, Implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 5000 | | |
| | Contingency | LS | | | | 10000 | | |
| | Sub Total | | | | | 336857.7881 | | |
| J | 6TH YEAR MAINTENANCE | | | | | | | |
| | Repairing of Chainlink fencing | LS | | | | 25000 | | |
| | 1st mechanical thinning of alternate single strips in the plantation; 1250 nos of stems/ha | DLs | 62 | 378 | 554.01544 | 209185.1498 | | |
| | Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha | DLs | 10 | 60.9 | 554.01544 | 33739.5403 | | |
| | Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 5000 | | |
| | Contingency | LS | | | | 5000 | | |
| | Sub Total | | | | | 277924.6901 | | |

| | | | | | | | |
|---|---|-----|----|------|-------------|--------------------|--|
| K | 7TH YEAR MAINTENANCE | | | | | | |
| | Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha | DLs | 10 | 60.9 | 609.416984 | 37113.49433 | |
| | Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 5000 | |
| | Contingency | LS | | | | 5000 | |
| | Sub Total | | | | | 47113.49433 | |
| L | 8th YEAR MAINTENANCE | | | | | | |
| | Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha | DLs | 10 | 60.9 | 670.3586824 | 40824.84376 | |
| | Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 5000 | |
| | Contingency | LS | | | | 5000 | |
| | Sub Total | | | | | 50824.84376 | |
| M | 9th YEAR MAINTENANCE | | | | | | |
| | Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha | DLs | 10 | 60.9 | 737.3945506 | 44907.32813 | |
| | Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 5000 | |
| | Contingency | LS | | | | 5000 | |
| | Sub Total | | | | | 54907.32813 | |
| N | 10th YEAR MAINTENANCE | | | | | | |
| | Climber cutting, Silvicultural works and fire protection works @ 10 DLs/ ha | DLs | 10 | 60.9 | 811.1340057 | 49398.06095 | |
| | Maintenance of camp hut, implements, upkeepment of plantation signboard, documentation & upkeepment of records etc. | LS | | | | 5000 | |
| | Contingency | LS | | | | 5000 | |
| | Sub Total | | | | | 59398.06095 | |
| | Total | | | | | 5282909 | |
| | Over Head Cost (50% of Compensatory Afforestation) | | | | | 2641455 | |
| | Cost for strengthening of infrastructure (Vehicles, etc) for the department in the region. | LS | | | | 15000000 | |
| | Grand Total | | | | | 22924364 | |
| | Rupees Two crore Twenty Nine lakhs Twenty Four thousand Three hundred and Sixty Four only | | | | | | |

Technically Approved By:

CCF & Nodal Officer (FC Act)
o/o PCCF & HoFF, Assam

Note:

- * subject to actual measurement in the field.
- ** subject to revision of schedule of rates.

Submitted By:

DFO, Nagaon WL Division
Nagaon, Assam
Divisional Forest Officer
Nagaon Wildlife Division cum
Dy. Director, Kaziranga Tiger Reserve



No. G 46110
Scale 1:50,000

| | | |
|-------------------|--------------------|--------------------|
| G 4615 (838/5) | G 4619 (838/9) | G 4613 (838/13) |
| G 4616 (838/6) | G 4610 (838/10) | G 4614 (838/14) |
| G 4617 (838/7) | G 4611 (838/11) | G 4615 (838/15) |

1 East Kameng, ARUNACHAL PRADESH.
2 Karbi Anglong, ASSAM.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edn 2011. Price Rs. 77/-

CONVENTIONAL SYMBOLS

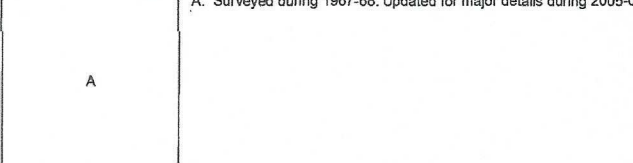
| | |
|--|--|
| Express Highway, with toll, with bridge, with distance stone | |
| Roads, metalled, according to importance | |
| Unmetalled road, Cart track, Road track with paved footpath | |
| Swamp, with track in bed, unflooded, Canal | |
| Dam, masonry or rock-filled, earthen, Weir | |
| River, dry with water channel, with island & rocks, Tidal river | |
| Submerged rock, Shoal, Swamp, Reeds | |
| Water, inland, unflooded, Tube-well, Spring, Tank, perennial, dry | |
| Embankment, road or rail line, Open ground | |
| Railways, broad gauge, double, single with station, under construction | |
| Railways, other gauge, double, single with distance stone, do. | |
| Mineral line or tramway, KMs, Cutting with tunnel | |
| Contours with sub-features, Rocky slopes, Cliffs | |
| Sand features (Tidal, (2) Hard-Hill permanent), (3) Temporary | |
| Towns or Villages, inhabited, deserted, Fort | |
| Hill, permanent, temporary, Trees, Artificial | |
| Temple, Chhatra, Church, Mosque, Light, Tomb, Shrine | |
| Lighthouse, Lightship, Buoy, lighted, unlighted, Anchorage | |
| Mini. View on hill, Grass, Scrub | |
| Palms, palm, other, Plantain, Conifer, Bamboo, Other trees | |
| Areas, cultivated, wooded, Surveyed tree | |
| Boundary, International | |
| State, demarcated, undemarcated | |
| District, subdivision, taluk or block, forest | |
| Boundary pillar, survey, unlocated | |
| Height, triangulation station, point, approximate | |
| Bench-mark, geodetic, tertiary, canal | |
| Post office, Telegraph office, Overhead tank | |
| Rail house or telephone building, District House, Police station | |
| Camping ground, Forest, reserved, protected | |
| Spaced names, administrative, locally or tribal | |
| Hospital, Dispensary, Veterinary Hospital / Dispensary | |
| Airfield, Helipad, Trolley, etc. | |
| Power line, with pylons surveyed, with poles unsurveyed | |

REFERENCE

NOTES

Heights and Contours have not been shown.
A middle height, 1/2, represents the approximate height, in metres, between the top and bottom of a steep slope.
The area adjoining the Brahmaputra River is liable to change owing to continual fluctuation in the course of the river.
The district boundary, shown in this sheet, is based on the information supplied by the Deputy Director of Survey, Assam, and has yet to be verified.
The major protective embankments in this sheet, on which roads have not been shown, can also take limited vehicular traffic. Permission to take vehicles along these embankments is required from the Embankment and Drainage Branch (P.W.D.) authorities.
All unmetalled roads and cart tracks, inside Tea gardens are maintainable throughout the year, permission to use these roads and tracks is required from the Tea garden Authority.
Bamboo trees are shown thus.

COMPLAINT BOX



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.

(Decreasing by about 1° Annually)

Scale 1:50,000

For further details about this map, please contact

District Survey Officer

Assam & Nagaland Geological Survey Centre

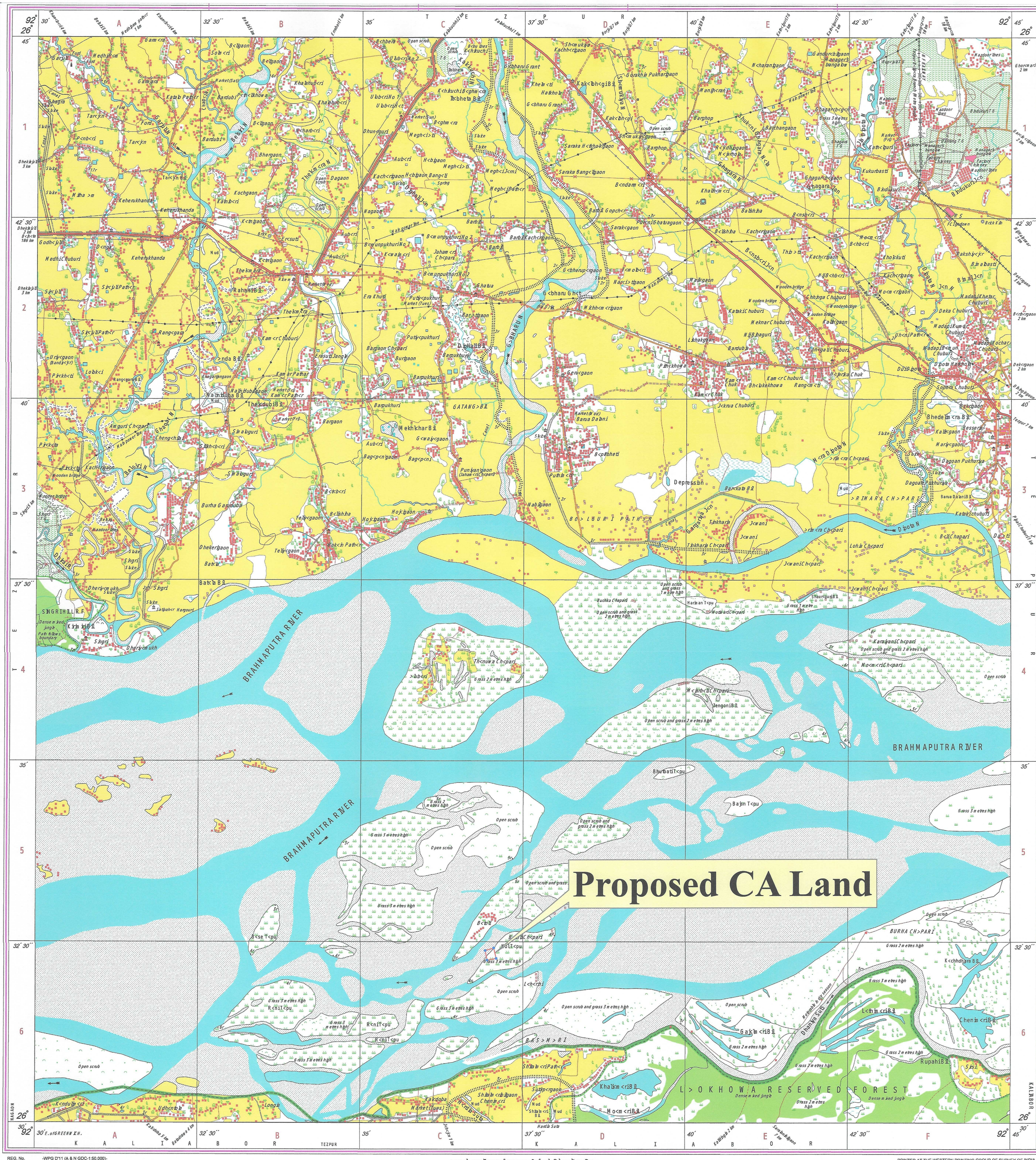
Survey of India, 6, Anandpur Kharab, D. D. Nagar

Gumti, Shillong

Website - www.surveyofindia.gov.in

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Proposed CA Land

N



SOI Map Showing the Proposed
6.09 Ha C.A area
(Non-Forest Land)
Under Nagaon Wildlife Division, Nagaon
against ONGC Diversion Proposal TNAA
Under Cachar Forest Division
Scale 1:50000

| Points | Longitude | Latitude |
|--------|-------------------|-------------------|
| 1 | 92° 36' 56.817" E | 26° 32' 14.928" N |
| 2 | 92° 36' 54.955" E | 26° 32' 22.937" N |
| 3 | 92° 37' 2.947" E | 26° 32' 24.962" N |
| 4 | 92° 37' 5.197" E | 26° 32' 16.353" N |

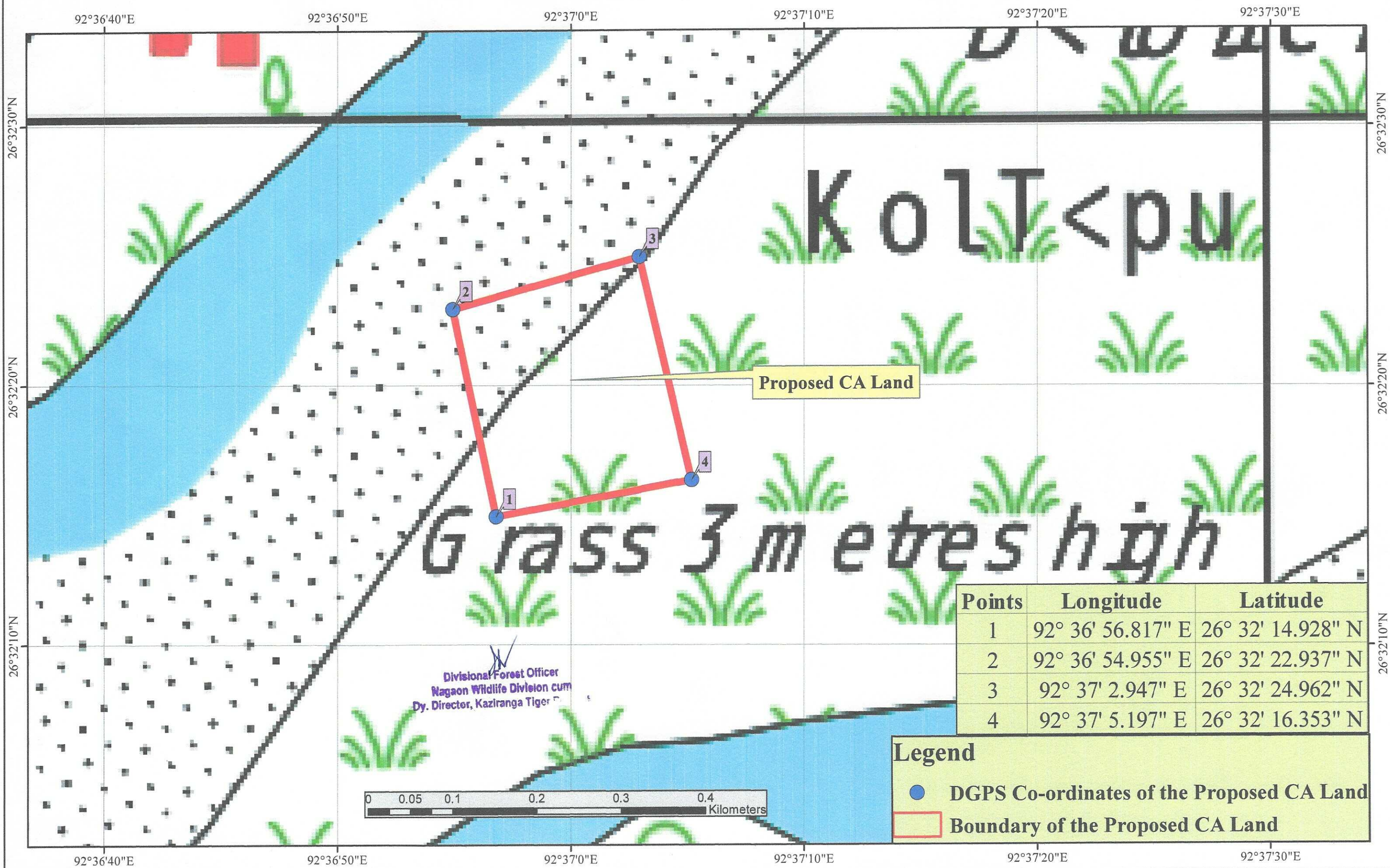
Legend

- DGPS Co-ordinates of the Proposed CA Land
- Boundary of the Proposed CA Land

0 1.25 2.5 5 7.5 10 Kilometers



Divisional Forest Officer
Nagaon Wildlife Division cum
Dy. Director, Kaziranga Tiger Reserve

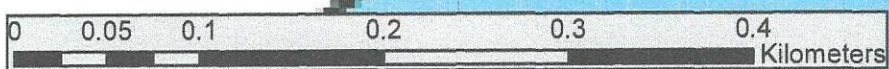
Georeferenced Map Showing the Proposed 6.09 Ha C.A area (Non-Forest Land)
Under Nagaon Wildlife Division, Nagaon against ONGC Diversion Proposal TNAA
Under Cachar Forest Division
Scale 1:4000



| Points | Longitude | Latitude |
|--------|-------------------|-------------------|
| 1 | 92° 36' 56.817" E | 26° 32' 14.928" N |
| 2 | 92° 36' 54.955" E | 26° 32' 22.937" N |
| 3 | 92° 37' 2.947" E | 26° 32' 24.962" N |
| 4 | 92° 37' 5.197" E | 26° 32' 16.353" N |

Legend

-  DGPS Co-ordinates of the Proposed CA Land
-  Boundary of the Proposed CA Land



Divisional Forest Officer
Nagaon Wildlife Division cum
Dy. Director, Kaziranga Tiger