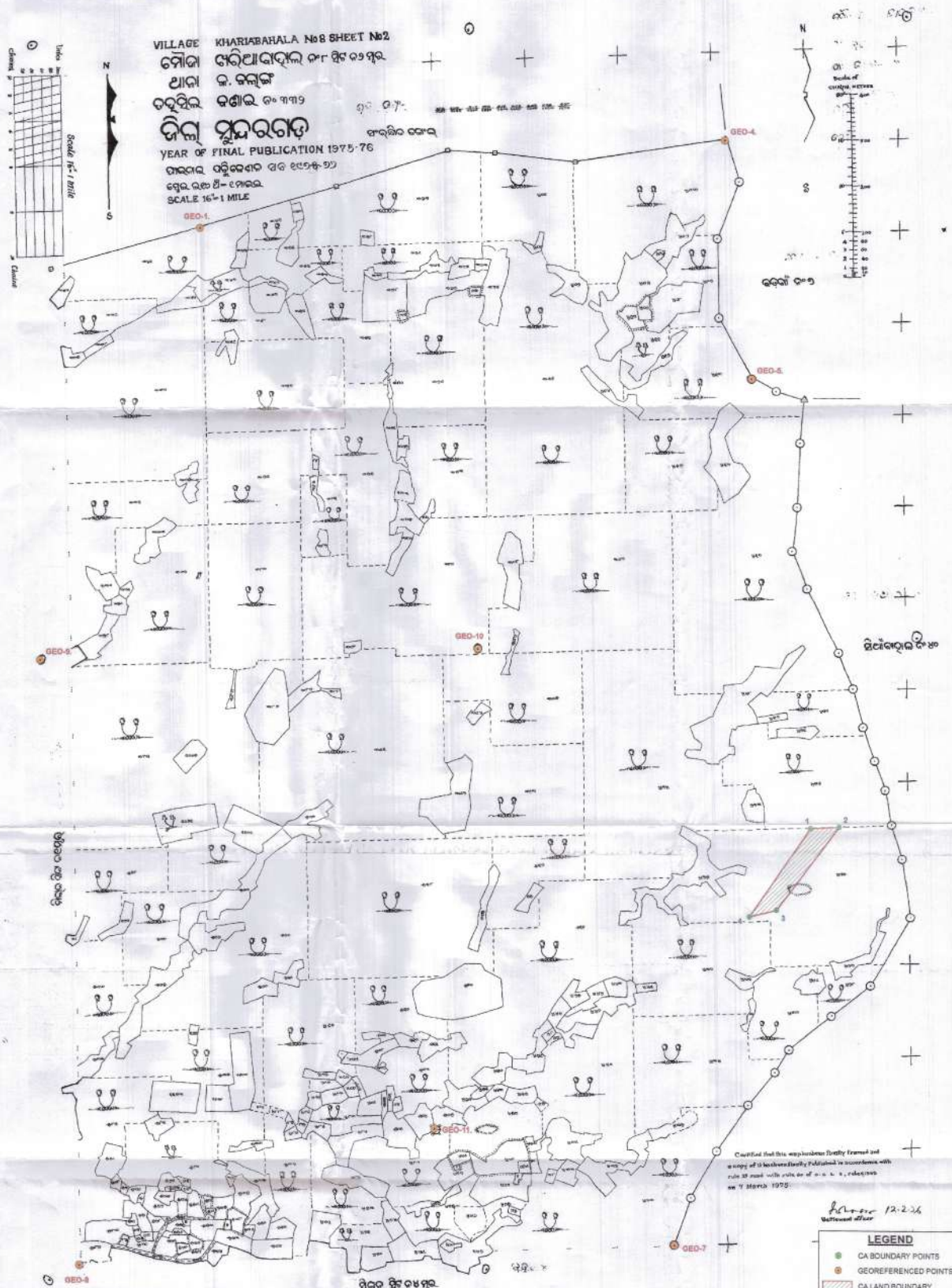


**DGPS SURVEYED MAP SHOWING NON-FOREST GOVT. LAND ALLOTTED FOR
COMPENSATORY AFFORESTATION IN LIEU OF 12.565 Ha. OF FOREST LAND
COMING WITHIN THE SAFETY ZONE OF BHANJAPALI IRON ORE MINES OF
SRI J.N.PATNAIK FOR FOREST DIVERSION PROPOSAL**

SCALE 1:3888
Meters
0 50 100 200 300



VILLAGE KHARABAHALA No 8 SHEET No 2
ବିଲ୍ଡା ଖରାବାହାଲ ନଂ ୮ ଷିଟ୍ ନଂ ୨
ପ୍ରାନ୍ତ ଓଡ଼ିଶା
ଜିଲ୍ଲା କୋରା
ବ୍ଲକ୍ କୋରା ଡାକ୍ତରଖୋର
ବିଲ୍ଡା ନଂ ୩୩୭
YEAR OF FINAL PUBLICATION 1975-76
ପ୍ରକାଶନ ବର୍ଷ ୧୯୭୫-୭୬
ସ୍କେଲ ୧:୩୮୮୮
SCALE 1:3888



DGPS SURVEYED CO-ORDINATES OF CA LAND BOUNDARY POINTS

SL No.	MAP ID	Bearing	NORTHING	EASTING	LONGITUDE	LATITUDE
1	1	345.72	100.00	100.00	83° 33' 45.72" E	20° 01' 00.00" N
2	2	294.70	100.00	100.00	83° 33' 45.72" E	20° 01' 00.00" N
3	3	294.70	100.00	100.00	83° 33' 45.72" E	20° 01' 00.00" N
4	4	294.70	100.00	100.00	83° 33' 45.72" E	20° 01' 00.00" N

DGPS SURVEYED CO-ORDINATES OF GEO-REFERENCED POINTS

SL No.	MAP ID	Bearing	NORTHING	EASTING	LONGITUDE	LATITUDE
1	1	345.72	100.00	100.00	83° 33' 45.72" E	20° 01' 00.00" N
2	2	294.70	100.00	100.00	83° 33' 45.72" E	20° 01' 00.00" N
3	3	294.70	100.00	100.00	83° 33' 45.72" E	20° 01' 00.00" N
4	4	294.70	100.00	100.00	83° 33' 45.72" E	20° 01' 00.00" N

AREA STATISTICS OF CA LAND

SL No.	VILLAGE NAME	KHATA No.	PLOT No.	NOBAM	APPLIED AREA IN AC	APPLIED AREA IN Ha	MAP AREA IN Ha
1	Khariabahal	101	426/12	2412	2.41	0.00	1.012
	TOTAL AREA				2.41	1.000	1.012

DGPS Survey Conducted by

Signature
Digital Cartography & Services (DCS) Pvt. Ltd.
1015, Bhagabat Sandan
GGP Canal Road, Raxaulgarh, Bhubaneswar-751025
Email: dcs@bbsr@gmail.com

FORESTER
K. BALING SECTION

Forest Range Officer
Banki Range

Revenue Supervisor
Koira

Tehsildar
KOIRA

Divisional Forest Officer
Rourkela Division

DGPS survey of Compensatory Afforestation land in Khariabahal, Moza, Koira Taluk, Sundergarh district in lieu of forest area proposed diversion coming within the Safety zone of M.L. Area of Bhanjapali Iron Ore Mines of Sri J.N. Patnaik in Sundergarh district of Odisha has been carried out through M/s Digital Cartography & Services (P), Ltd. Bhubaneswar.

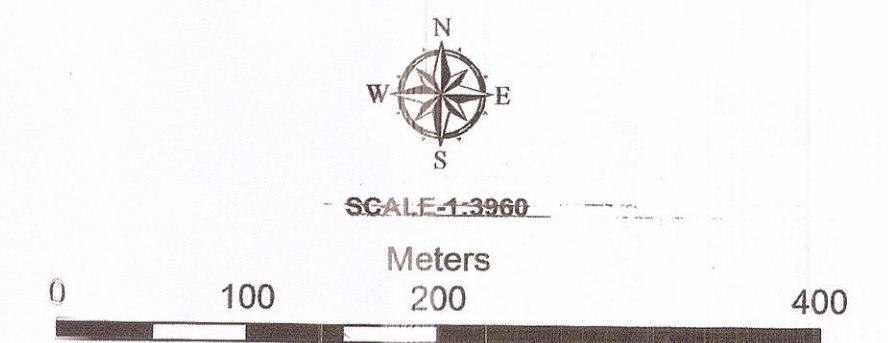
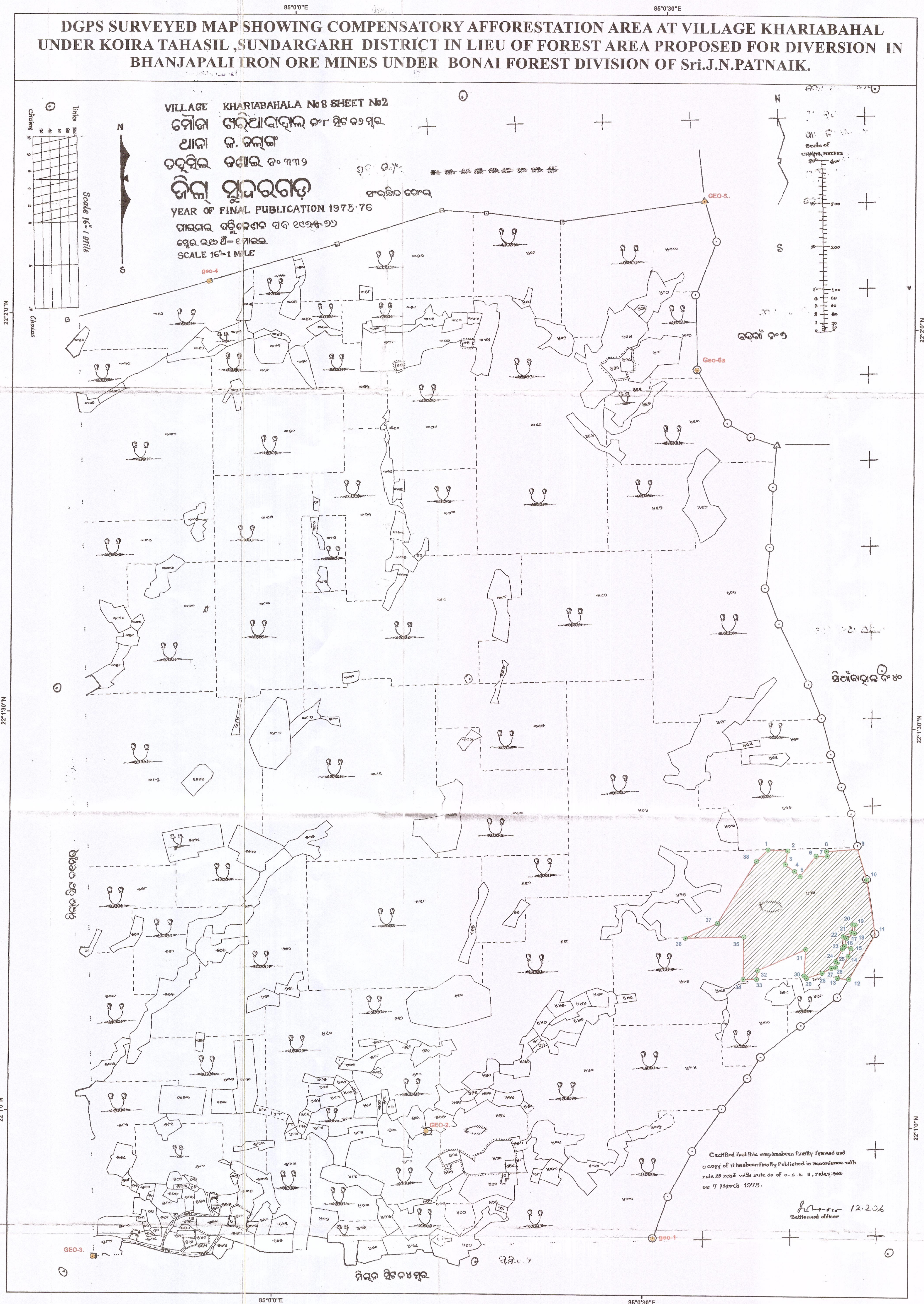
DGPS Survey Co-ordinates are verified by OBSAC. Also maps showing Compensatory Afforestation land are verified with geo-referenced contour sheets / surveyed points compared with Ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.

The Compensatory Afforestation land comes in a part of Plot no. 436/12 of Khariabahal, Moza, Koira Taluk, Sundergarh district.

Total Compensatory Afforestation land works out to 1.012 Ha area from the submitted .shp files against applied area of 1.000 Ha/ 2.470 Ac. as mentioned in the submitted record.



DGPS SURVEYED MAP SHOWING COMPENSATORY AFFORESTATION AREA AT VILLAGE KHARIABAHAL UNDER KOIRA TAHASIL, SUNDARGARH DISTRICT IN LIEU OF FOREST AREA PROPOSED FOR DIVERSION IN BHANJAPALI IRON ORE MINES UNDER BONAI FOREST DIVISION OF Sri.J.N.PATNAIK.



LEGEND	
	C.A.LAND BOUNDARY POINTS
	GEOREFERENCED POINTS
	C.A.LAND BOUNDARY

AREA STATISTICS OF C.A.LAND			
VILLAGE NAME	PLOT NO	ALLOTTED AREA IN AC.	MAP AREA IN Ha.
KHARIABAHAL	426	19.43	7.832
TOTAL AREA		19.43	7.832

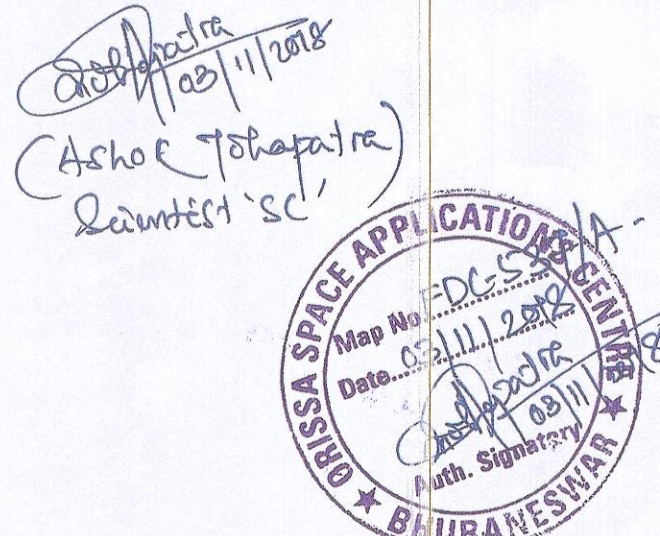
DGPS SURVEYED CO-ORDINATES OF C.A.LAND PILLARS				
SL No.	POINT ID	EASTING	NORTHING	LONGITUDE
1	1	294698.681	243664.306	85°00'39.68784"
2	2	294744.524	243664.1673	85°00'41.28696"
3	3	294738.696	243661.0214	85°00'41.09796"
4	4	294760.383	243659.4368	85°00'41.86116"
5	5	294773.300	243658.659	85°00'43.57764"
6	6	294810.091	243659.366	85°00'44.47764"
7	7	294835.898	243662.781	85°00'44.41644"
8	8	294834.291	243660.790	85°00'44.41644"
9	9	294906.850	243664.042	85°00'46.94328"
10	10	294928.492	243675.535	85°00'47.72952"
11	11	294949.060	243649.448	85°00'48.50424"
12	12	294888.831	243646.064	85°00'46.45152"
13	13	294862.022	243648.428	85°00'45.51588"
14	14	294886.785	243659.502	85°00'46.35612"
15	15	294869.260	243647.243	85°00'46.57356"
16	16	294878.839	243642.736	85°00'46.08848"
17	17	294882.623	243640.734	85°00'46.19322"
18	18	294900.788	243645.277	85°00'46.81980"
19	19	294902.352	243647.003	85°00'46.86588"
20	20	294897.161	243647.404	85°00'46.68480"
21	21	294894.269	243645.125	85°00'46.59228"
22	22	294874.885	243644.592	85°00'45.92088"
23	23	294873.636	243641.385	85°00'45.88992"
24	24	294858.335	243637.414	85°00'45.36972"
25	25	294862.160	243638.721	85°00'45.50436"
26	26	294857.979	243637.697	85°00'45.36396"
27	27	294847.439	243637.142	85°00'44.99712"
28	28	294826.383	243636.099	85°00'44.26812"
29	29	294790.534	243634.988	85°00'43.02396"
30	30	294784.625	243635.146	85°00'42.81552"
31	31	294787.908	243641.191	85°00'42.90228"
32	32	294677.085	243634.003	85°00'39.06180"
33	33	294674.138	243643.375	85°00'38.96856"
34	34	294643.345	243643.231	85°00'37.89504"
35	35	294644.259	243641.271	85°00'37.88244"
36	36	294508.820	243637.781	85°00'33.16248"
37	37	294582.797	243647.318	85°00'35.72568"
38	38	294671.953	243661.359	85°00'38.76840"

DGPS SURVEYED CO-ORDINATES OF GEOREFERENCED POINTS				
SL No.	POINT ID	EASTING	NORTHING	LONGITUDE
1	Geo-1	294437.682	243571.222	85°00'30.99924"
2	Geo-2	293911.462	243587.298	85°00'12.54348"
3	Geo-3	293140.718	243593.283	84°59'45.81060"
4	Geo-4	293394.503	243793.366	84°59'53.62440"
5	Geo-5	294541.054	243814.183	85°00'33.51168"
6	Geo-6a	294525.989	243773.225	85°00'33.16320"

Certified that this map has been finally framed and a copy of it has been finally published in accordance with rule 20 read with rule 40 of G.S. & S. rules 1962 on 7 March 1975.

[Signature] 12.2.76
Deputy Commissioner

- ❖ DGPS Survey of identified areas proposed for Compensatory Afforestation in village Khariabahal under Koira Tahasil, Sundargarh district in lieu of forest areas proposed for diversion in Bhanjapali Iron Ore Mines of Sri. J. N Patnaik in Sundargarh district has been carried out by the user agency through M/s. DCS. PVT. LTD, Bhubaneswar.
- ❖ DGPS Surveyed co-ordinates are verified by ORSAC. Also maps showing areas proposed for Compensatory Afforestation are verified with geo-referenced cadastral sheets and compared with Ortho-rectified Cartosat satellite image and found that maps are correct at a confidence level of 95%.
- ❖ Total areas identified for Compensatory Afforestation comes in one patch in part of plot no. 426 of Village Khariabahal under Koira Tahasil and works out to 7.832 Ha. From the submitted .shp files against the allotted area of 7.863 Ha. (19.43 Ac.) as mentioned in the submitted land records.



Verified & found correct.
Revenue Supervisor
KOIRA

19.11.16
TEHSILDAR
KOIRA

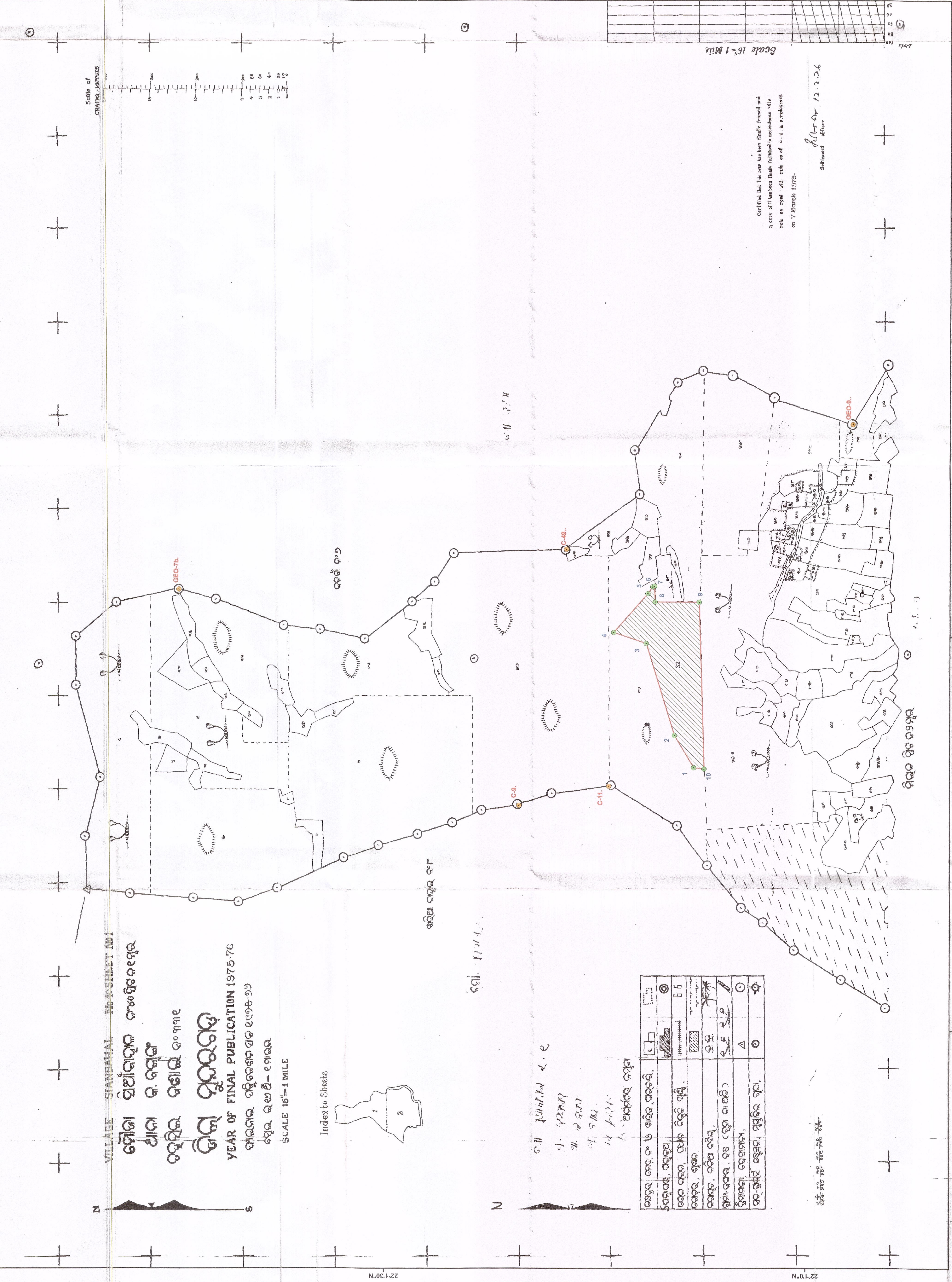
Asst. Conservator of Forest
IC Banki Forest Range

DGPS SURVEY CONDUCTED BY



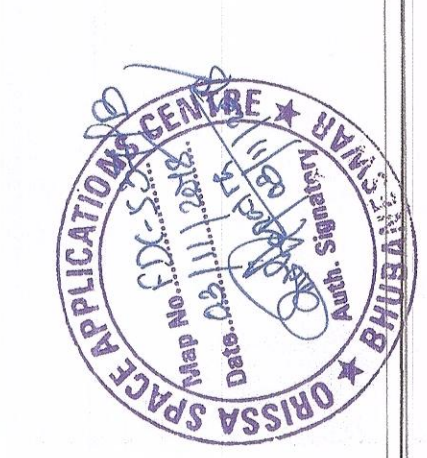
DIGITAL CARTOGRAPHY AND SERVICES (DCS) PVT.LTD
1015, Bhagabat Sandhan,
GGP Canal Road, Rasulpur, Bhubaneswar-75

DGPS SURVEYED MAP SHOWING COMPENSATORY AFFORESTATION AREA AT VILLAGE SIANBAHAL UNDER KOIRA TAHASIL, SUNDARGARH DISTRICT IN LIEU OF FOREST AREA PROPOSED FOR DIVERSION IN BHANJAPALI IRON ORE MINES UNDER BONAI FOREST DIVISION OF Sri.J.N.PATNAIK.



- ❖ DGPS Survey of identified areas proposed for Compensatory Afforestation in village Sianbahal under Koira Tahasil, Sundargarh district in Lieu of forest areas proposed for diversion in Bhanjapali Iron Ore Mines of Sri. J. N Patnaik in Sundargarh district has been carried out by the user agency through M/s. DCS. PVT. LTD, Bhubaneswar.
- ❖ DGPS Surveyed co-ordinates are verified by ORSAC. Also maps showing areas proposed for Compensatory Afforestation are verified with geo-referenced cadastral sheets and compared with Ortho-rectified Cartosat satellite image and found that maps are correct at a confidence level of 95%.
- ❖ Total areas identified for Compensatory Afforestation comes in one patch in part of plot no. 32 of Village Sianbahal under Koira Tahasil and works out to 3.610 Ha. From the submitted .shp files against the allotted area of 3.723 Ha. (9.20 Ac.) as mentioned in the submitted land records.

(Asst. Surveyor General)
(Asst. Surveyor General)
(Asst. Surveyor General)



verified & found correct
Revenue Supervisor
KOIRA
TEHSILDAR
KOIRA
Asst. Conservator of Forest
IC Banki Forest Range