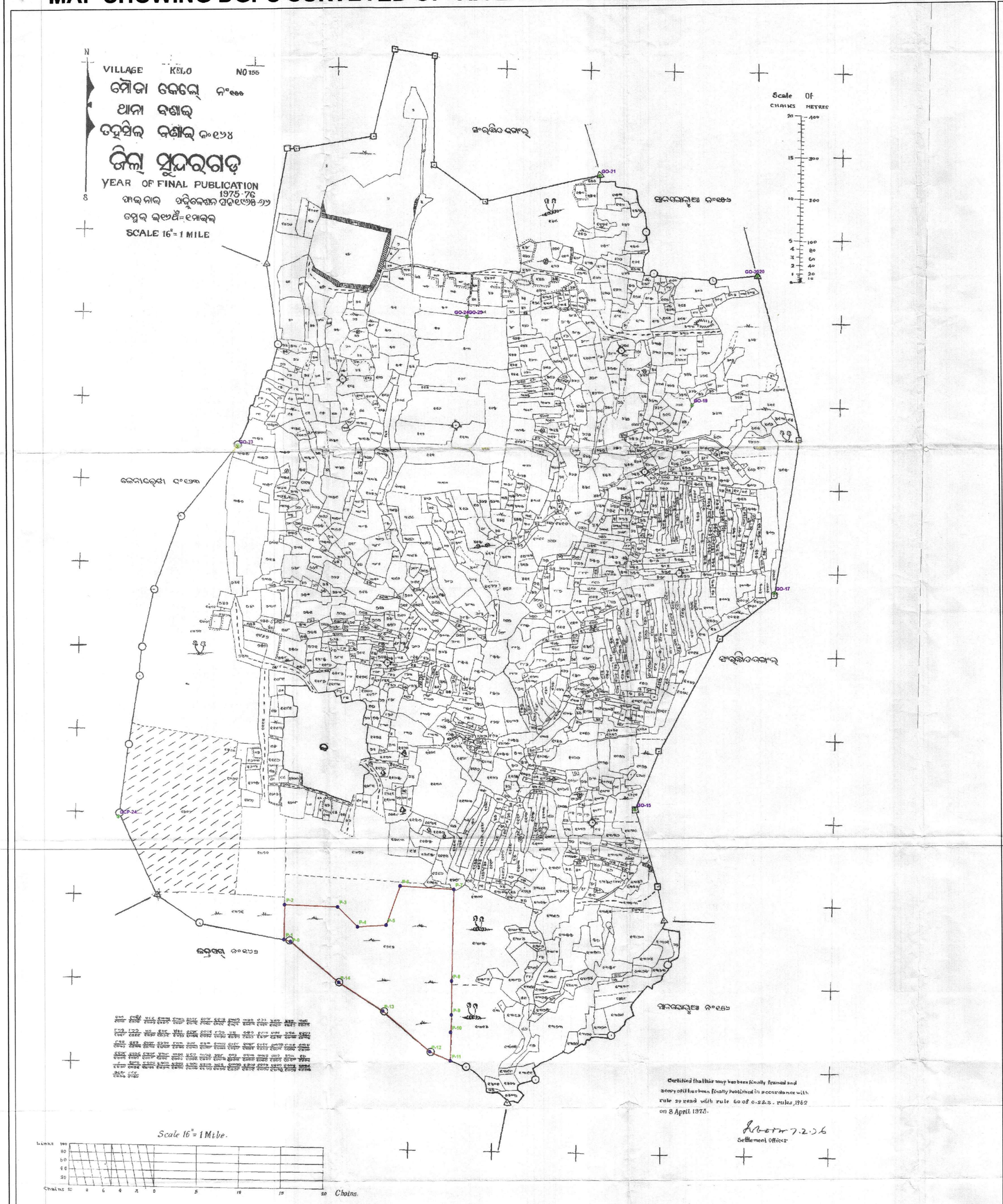
PLATE No- XIII

MAP SHOWING DGPS SURVEYED OF C.A LAND ADITATIONAL SPILWAY HIRAKUD DAM AT VILLAGE KELO OF DIST SUNDARGARAH



N
W E
S

0 70 140 280 420 560 Meters

Scale:-1:4000

DGPS SURVEY GEOREFERENCED CO-ORDINATES

Sl_No.	Po No.	Latitude	Longitude	Northing	Easting
1	20	21°45'43.49627"N	84°56'31.02235"E	2407910.702	287180.477
2	GCP-24....	21°45'00.79771"N	84°55'37.69014"E	2406617.789	285630.427
3	GO-15	21°45'01.61208"N	84°56'21.06072"E	2406626.172	286877.06
4	GO-17	21°45'18.62761"N	84°56'32.58701"E	2407145.151	287215.248
5	GO-19	21°45'33.37382"N	84°56'25.58277"E	2407601.421	287020.027
6	GO-20	21°45'43.49595"N	84°56'31.02174"E	2407910.692	287180.459
7	GO-21	21°45'51.29761"N	84°56'17.76408"E	2408155.749	286802.722
8	GO-23	21°45'29.92700"N	84°55'47.44972"E	2407510.043	285922.883
9	GO-24	21°45'40.17342"N	84°56'06.66311"E	2407817.832	286479.182
10	GO-25	21°45'40.17365"N	84°56'06.66292"E	2407817.839	286479.176

DGPS SURVEYED CA PLOTS CO-ORDINATES

Sl_No.	Po_No	Latitude	Longitude	Northing	Easting
1	P-0	21°44'51.01990"N	84°55'52.21310"E	2406311.434	286043.735
2	P-1	21°44'51.18175"N	84°55'51.66536"E	2406316.623	286028.061
3	P-2	21°44'53.89302"N	84°55'51.69581"E	2406400.009	286030.052
4	P-3	21°44'53.74219"N	84°55'56.14262"E	2406393.66	286157.776
5	P-4	21°44'52.19649"N	84°55'57.83066"E	2406345.465	286205.648
6	P-5	21°44'52.35456"N	84°56'00.23303"E	2406349.404	286274.749
7	P-6	21°44'55.37125"N	84°56'01.39725"E	2406441.75	286309.445
8	P-7	21°44'55.17954"N	84°56'05.90428"E	2406434.122	286438.882
9	P-8	21°44'48.03697"N	84°56'05.76083"E	2406214.473	286431.824
10	P-9	21°44'45.36891"N	84°56'05.76962"E	2406132.401	286430.98
11	P-10	21°44'44.00354"N	84°56'05.70387"E	2406090.428	286428.53
12	P-11	21°44'41.76098"N	84°56'05.69790"E	2406021.45	286427.437
13	P-12	21°44'42.45276"N	84°56'03.98971"E	2406043.385	286378.633
14	P-13	21°44'45.62920"N	84°56'00.00662"E	2406142.621	286265.477
15	P-14	21°44'47.82706"N	84°55'56.29061"E	2406211.655	286159.594

Legend

- C A Plots Point
- Georeferencing Point
- C A Patch Co-orider

AREA STATISTICS OF CA LAND HIRAKUD SPILLWAYS

Sl_No.	Village_Name	Alotted.Area_Ha	Map.Area_Ha	Plot_No.
1	Kelo	9.441	9.486	1292

- DGPS survey of identified areas proposed for compensatory afforestation in village Kello under Bonai Tahasil, Sundargarh district in lieu of forest areas proposed for diversion for additional Spillway of Hirakud Dam has been carried out by the Executive Engineer, Main Dam Division, Sambalpur through M/S. Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar.
- DGPS survey co-ordinates are verified by OREAC. Also map showing areas proposed for compensatory afforestation is verified with geo-referenced cadastral sheet and compared with Ortho-rectified Contrast Satellite image and found that map is correct at a confidence level of 95%.
- Total areas identified for compensatory afforestation comes in part of Plot no. 1292 of village Kello and works out to 9.486 Ha. from the submitted shp files against the allotted area of 9.441 Ha. as mentioned in the submitted land schedule.

01/03/2017
(Ashok Mohapatra)
Scientist 'C'

SPACE APPLICATIONS CENTRE ORISSA
Map No. ETC 322
Date 01/03/2017
Auth. Signatory

Range Forest Officer
Bonai Range

Executive Engineer,
Main Dam Division, Burla

Tehsildar
Bonai

COUNTERSIGNED
Divisional Forest Officer
Bonai Division

Surveyed & Prepared By:-

VISIONTEK CONSULTANCY SERVICES PVT. LTD.

Visiontek Consultancy Services Pvt .Ltd
(An Enviro Engineering Consulting Cell)