

MAP SHOWING THE DGPS SURVEYED OVER AN AREA OF 49.000 HA SELECTED FOR COMPENSATORY AFFORESTATION IN VILLAGE SUDANGA UNDER BANSAPAL TAHASIL IN KEONJHAR DISTRICT, ODISHA FOR BAMEBARI IRON & Mn MINES OF M/S TATA STEEL LTD.

SCALE: 1:4,000

ମୌଜା ସୁଡ଼ଙ୍ଗ, ପିଟ ନାଟ
 ଥାନା ବାଙ୍କୀପାଳିକା
 ଚତୁର୍ଥୀକା ଚେରକୋଇଲାଖଣ୍ଡ
 SUDANGA, SHEET NBS-3
 Thana Konjipali No.2
 ଜିଲ୍ଲା କୋରୁପୁଟ
 ଗୁଗୁଲ୍: 8,000 Scale: 1:4,000
 ସର୍ବେକ୍ସ-୧୯୮୦-୧୧
 ମିଲିମିଟର ନାଟ

DGPS SURVEY GEOREFERENCE POINT COORDINATE IN VILLAGE SUDANGA FOR BAMEBARI IRON & Mn MINES OF M/S TATA STEEL LTD.

SL. NO	POINT ID	LONGITUDE	LATITUDE	EASTING	NORTHING	VILLAGE SHEET NO
1	GRP.1	85°14'50.71684"	21°45'48.48507"	318778.578	2407705.196	Sudanga Sheet No-5
2	GRP.3	85°13'01.22819"	21°45'47.68887"	318583.792	2407654.756	Sudanga Sheet No-5
3	GRP.5	85°14'38.83792"	21°45'52.41187"	318435.251	2406801.130	Sudanga Sheet No-5
4	GRP.6	85°14'43.51489"	21°44'57.08884"	318553.398	2406006.054	Sudanga Sheet No-5
5	GRP.9	85°13'20.86854"	21°44'51.28197"	318178.478	2405943.954	Sudanga Sheet No-5
6	GRP.10	85°13'20.45212"	21°45'49.81483"	318188.455	2407744.970	Sudanga Sheet No-5
7	GRP.11	85°13'29.18339"	21°45'30.32899"	317291.330	2407132.838	Sudanga Sheet No-5
8	GRP.13	85°14'48.13198"	21°45'50.26337"	318733.362	2407732.719	Sudanga Sheet No-5
9	GRP.14	85°14'48.38817"	21°45'50.10284"	318584.479	2406187.145	Sudanga Sheet No-5

DGPS SURVEY CA BOUNDARY PILLAR POINTS COORDINATE IN VILLAGE SUDANGA FOR BAMEBARI IRON & Mn MINES OF M/S TATA STEEL LTD.

SL. NO	POINT ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	BP.1	85°13'51.98246"	21°45'04.44356"	317075.338	2406339.137
2	BP.2	85°13'52.01506"	21°45'14.22044"	317079.716	2406639.822
3	BP.3	85°13'45.06203"	21°45'14.18418"	316879.832	2406940.995
4	BP.4	85°13'45.05008"	21°45'20.70330"	316881.887	2406841.562
5	BP.5	85°13'38.07024"	21°45'20.83053"	316681.320	2406841.562
6	BP.6	85°13'38.03082"	21°45'27.16406"	316882.493	2407042.519
7	BP.7	85°13'31.06466"	21°45'27.07664"	316882.317	2407042.128
8	BP.8	85°13'31.00111"	21°45'40.15740"	316485.113	2407444.461
9	BP.9	85°13'47.35588"	21°45'40.28117"	316955.027	2407442.877
10	BP.10	85°13'50.06322"	21°45'33.54651"	317030.549	2407244.082
11	BP.11	85°13'55.88038"	21°45'22.80675"	317193.795	2406902.631
12	BP.12	85°14'01.71659"	21°45'18.89843"	317380.031	2406774.359
13	BP.13	85°14'01.78628"	21°45'14.29908"	317359.913	2406639.037
14	BP.14	85°14'01.80875"	21°45'10.87874"	317359.913	2406533.827
15	BP.15	85°14'01.85199"	21°45'06.92928"	317359.785	2406412.344

DGPS SURVEYED CA AREA STATISTICS IN VILLAGE SUDANGA FOR BAMEBARI IRON & Mn MINES OF M/S TATA STEEL LTD.

Sl No	Village Name	Plot No	Name Of KISSAM	Total Area In Ha	Proposed Area In Ha	Map Area In Ha
1	Sudanga	420(P)	Hudi	13.500	10.246	10.246
2		421(P)	Hudi	15.500	11.651	11.650
3		422(P)	Hudi	15.700	10.097	10.097
4		423(P)	Hudi	14.250	9.323	9.323
5		424(P)	Hudi	16.000	5.823	5.838
6		428(P)	Hudi	17.000	1.780	1.790
Total Area				91.950	49.000	49.024

- DGPS Survey of identified areas proposed for Compensatory Afforestation in Sudanga village under Bansapal Tahasil, Keonjhar District in lieu of Forest areas proposed for diversion within Bamebari Iron & Mn. Mines of M/s Tata Steels Ltd. has been carried out by the user agency through M/s Geo Consultants Pvt. Ltd., Bhubaneswar.

- DGPS Survey co-ordinates are verified by ORSAC. Also the maps showing areas proposed for Compensatory Afforestation are verified with geo-referenced cadastral sheets, survey co-ordinates and compared with ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.

- Total area proposed for Compensatory Afforestation comes in One patch in Sudanga village under Bansapal Tahasil, Keonjhar District and works out to 49.024 Ha. from the submitted .shp files, against the allotted area of 49.00 Ha. as mentioned in the submitted land schedule.



Revenue Inspector
 NAVALKOTE

DGPS SURVEY CONDUCTED BY
 GEO CONSULTANTS PVT.LTD
 Laxmi Sagar, Bhubaneswar

Legend
 ● DGPS Survey CA Boundary Pillar Points
 ○ DGPS Survey Geo-Reference Points
 ■ DGPS Survey CA Boundary

For TATA STEEL LTD.
 By their Authorized Signatory
 Jyoti Kishor
 Head, Mining Department
 TATA STEEL LTD.

COUNTERSIGNED
 Divisional Officer
 Kaptala Division