

MAP SHOWING THE DGPS SURVEYED OVER AN AREA OF 160,419 HA SELECTED FOR COMPENSATORY AFFORESTATION IN VILLAGE TAMANGA UNDER TELKOI TAHASIL IN KEONJHAR DISTRICT, ODISHA FOR BAMBARI IRON & MANGANESE MINES OF M/s TATA STEEL LTD

SCALE - 1:4,000

DGPS SURVEYED AREA STATISTICS OF COMPENSATORY AFFORESTATION IN VILLAGE TAMANGA

| Sl No | Village Name | Plot No | Name Of Khasam | Total Area In Ha | Proposed Area In Ac | Proposed Area In Ha | Map Area In Ac | Map Area In Ha | Block Name |
|-------------------|--------------|---------|----------------|------------------|---------------------|---------------------|----------------|----------------|-----------------|
| 1 | Tamanga | 3 | Partab | 16.000 | 39.536 | 16.000 | 40.535 | 15.445 | Block-I |
| 2 | | 18 | Partab | 22.080 | 54.560 | 22.080 | 55.565 | 23.701 | |
| 3 | | 17 | Partab | 21.780 | 53.789 | 21.780 | 50.268 | 20.343 | |
| 4 | | 66 | Partab | 16.320 | 40.327 | 16.320 | 40.791 | 16.606 | |
| 5 | | 67 | Partab | 16.320 | 40.327 | 16.320 | 41.296 | 16.700 | |
| 6 | | 68 | Partab | 16.000 | 39.536 | 16.000 | 40.458 | 16.373 | |
| 7 | | 69 | Partab | 16.640 | 41.117 | 16.640 | 41.696 | 16.874 | |
| 8 | | 78(P) | Partab | 18.880 | 45.217 | 18.299 | 44.577 | 18.040 | |
| 9 | | 79 | Partab | 17.000 | 42.007 | 17.000 | 42.664 | 17.266 | |
| Total Area | | | | 161.000 | 396.396 | 160.419 | 400.921 | 162.250 | Block-II |

DGPS SURVEY GEOREFERENCE POINT COORDINATE IN VILLAGE TAMANGA FOR BAMBARI IRON & MANGANESE MINES OF M/s TATA STEEL LTD

| SL NO | POINT ID | LONGITUDE | LATITUDE | EASTING | NORTHING | VILLAGE SHEET NO |
|-------|----------|----------------|----------------|------------|------------|------------------|
| 1 | GP-1 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 2 | GP-2 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 3 | GP-3 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 4 | GP-4 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 5 | GP-5 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 6 | GP-6 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 7 | GP-7 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 8 | GP-8 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 9 | GP-9 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 10 | GP-10 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 11 | GP-11 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 12 | GP-12 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 13 | GP-13 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 14 | GP-14 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 15 | GP-15 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 16 | GP-16 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 17 | GP-17 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 18 | GP-18 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 19 | GP-19 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 20 | GP-20 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 21 | GP-21 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 22 | GP-22 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 23 | GP-23 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 24 | GP-24 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 25 | GP-25 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 26 | GP-26 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 27 | GP-27 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 28 | GP-28 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 29 | GP-29 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 30 | GP-30 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 31 | GP-31 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 32 | GP-32 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 33 | GP-33 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 34 | GP-34 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 35 | GP-35 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 36 | GP-36 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 37 | GP-37 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 38 | GP-38 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 39 | GP-39 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |
| 40 | GP-40 | 85°28'11.8800" | 21°24'44.9950" | 341555.031 | 238875.414 | Tamanga-1 |

DGPS SURVEY CA BOUNDARY PILLAR POINTS COORDINATE IN VILLAGE TAMANGA FOR BAMBARI IRON & MANGANESE MINES OF M/s TATA STEEL LTD

| SL NO | POINT ID | LONGITUDE | LATITUDE | EASTING | UTM COORDINATE |
|-------|----------|-----------------|-----------------|------------|----------------|
| 1 | BP-1 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 2 | BP-2 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 3 | BP-3 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 4 | BP-4 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 5 | BP-5 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 6 | BP-6 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 7 | BP-7 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 8 | BP-8 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 9 | BP-9 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 10 | BP-10 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 11 | BP-11 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 12 | BP-12 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 13 | BP-13 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 14 | BP-14 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 15 | BP-15 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 16 | BP-16 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 17 | BP-17 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 18 | BP-18 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 19 | BP-19 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 20 | BP-20 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 21 | BP-21 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 22 | BP-22 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 23 | BP-23 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 24 | BP-24 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 25 | BP-25 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 26 | BP-26 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 27 | BP-27 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 28 | BP-28 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 29 | BP-29 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 30 | BP-30 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 31 | BP-31 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 32 | BP-32 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 33 | BP-33 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 34 | BP-34 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 35 | BP-35 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 36 | BP-36 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 37 | BP-37 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 38 | BP-38 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 39 | BP-39 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |
| 40 | BP-40 | 85°28'37.44889" | 21°24'03.74851" | 342154.446 | 238914.816 |

BLOCK-I PILLAR COORDINATE

| SL NO | POINT ID | LONGITUDE | LATITUDE | EASTING | NORTHING |
|-------|----------|-----------------|-----------------|------------|------------|
| 1 | BP-1 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 2 | BP-2 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 3 | BP-3 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 4 | BP-4 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 5 | BP-5 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 6 | BP-6 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 7 | BP-7 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 8 | BP-8 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 9 | BP-9 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 10 | BP-10 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 11 | BP-11 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 12 | BP-12 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 13 | BP-13 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 14 | BP-14 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 15 | BP-15 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 16 | BP-16 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 17 | BP-17 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 18 | BP-18 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 19 | BP-19 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 20 | BP-20 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 21 | BP-21 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 22 | BP-22 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 23 | BP-23 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 24 | BP-24 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 25 | BP-25 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 26 | BP-26 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 27 | BP-27 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 28 | BP-28 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 29 | BP-29 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 30 | BP-30 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 31 | BP-31 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 32 | BP-32 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 33 | BP-33 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 34 | BP-34 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 35 | BP-35 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 36 | BP-36 | 85°28'19.44801" | 21°23'57.80748" | 343380.035 | 238710.476 |
| 37 | BP-37 | 85°28'19.44801" | 21°23'57.80748" | 34338 | |