

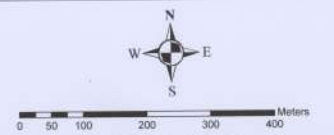
CALAND-MCL - SIARMAL

• DGPS Survey of identified areas proposed for Compensatory Afforestation inside Jamkani R.F. under Gopalpur Range of Sundargarh Forest Division in Sundargarh District in lieu of forest land proposed for diversion for Siarmal Opencast Coal Mining Project of M/s Mahanadi Coalfields Limited has been carried out by the user agency through M/s Geoid Resources Private Limited, Bhubaneswar.

• DGPS survey co-ordinates are verified by ORSAC. Also, the maps showing R.F. areas proposed for Compensatory Afforestation are verified with submitted survey co-ordinates and found that maps are correct at a confidence level of 95%.

• Total area proposed for Compensatory Afforestation comes under Jamkani R.F. and works out to **129.150Ha.** from the submitted shp files, against the allotted area of 129.00Ha. as mentioned in the submitted record.

| COMPENSATORY AFFORESTATION AREA | | |
|---------------------------------|--------------|--------------|
| S. NO | R.F. NAME | MAP AREA, HA |
| 1 | JAMKANI R.F. | 129.35 |
| TOTAL | | 129.35 |



SCALE - 1:4,000

| Point No. | Northing | Easting | Ortho. Alt. (m) | Latitude | Longitude | Ellip. Hgt. |
|-----------|------------|------------|-----------------|-----------------|-----------------|-------------|
| BP-1 | 244022.061 | 779107.437 | 134.309 | 22°10'55.1055"N | 83°42'18.4837"E | 274.264 |
| BP-2 | 244020.285 | 779202.461 | 138.705 | 22°10'52.4142"N | 83°42'12.4837"E | 278.334 |
| BP-3 | 244027.887 | 779332.872 | 145.389 | 22°10'59.8242"N | 83°42'16.4799"E | 281.761 |
| BP-4 | 244049.538 | 779445.141 | 154.123 | 22°10'52.2346"N | 83°42'30.4899"E | 281.898 |
| BP-5 | 244024.889 | 779591.988 | 164.247 | 22°10'56.4088"N | 83°42'35.4888"E | 295.02 |
| BP-6 | 244039.38 | 779750.634 | 143.674 | 22°10'50.8054"N | 83°42'40.8228"E | 283.447 |
| BP-7 | 244038.125 | 779916.496 | 144.407 | 22°10'46.8311"N | 83°42'41.0295"E | 286.179 |
| BP-8 | 244078.848 | 780130.305 | 145.002 | 22°10'43.2557"N | 83°42'53.2413"E | 284.775 |
| BP-9 | 244570.334 | 78001.367 | 124.806 | 22°10'32.3227"N | 83°42'50.9145"E | 264.675 |
| BP-10 | 244568.225 | 779785.703 | 131.807 | 22°10'38.2688"N | 83°42'41.7126"E | 267.340 |
| BP-11 | 244564.2 | 779556.225 | 139.433 | 22°10'35.8038"N | 83°42'33.5349"E | 279.188 |
| BP-12 | 244549.538 | 778442.988 | 123.722 | 22°10'31.0702"N | 83°42'29.8567"E | 263.676 |
| BP-13 | 244542.188 | 778575.441 | 138.255 | 22°10'36.2677"N | 83°42'27.2187"E | 279.095 |
| BP-14 | 244549.415 | 778277.59 | 134.252 | 22°10'36.4218"N | 83°42'30.8838"E | 273.999 |
| BP-15 | 244548.165 | 778030.351 | 138.443 | 22°10'36.4611"N | 83°42'34.2851"E | 248.188 |
| BP-16 | 244545.383 | 778864.452 | 138.807 | 22°10'38.9499"N | 83°42'38.4306"E | 248.153 |
| BP-17 | 244547.037 | 778771.802 | 138.585 | 22°10'30.9149"N | 83°42'34.8209"E | 238.329 |
| BP-18 | 244557.735 | 77862.347 | 126.585 | 22°10'34.2934"N | 83°42'35.8627"E | 236.37 |
| BP-19 | 244561.129 | 778641.866 | 135.195 | 22°10'31.6774"N | 83°42'33.8947"E | 245.942 |
| BP-20 | 244570.135 | 778690.777 | 138.708 | 22°10'40.6446"N | 83°42'33.6528"E | 248.458 |
| BP-21 | 244580.307 | 778844.448 | 138.507 | 22°10'45.1899"N | 83°42'30.4602"E | 246.138 |
| BP-22 | 244586.534 | 778816.448 | 138.507 | 22°10'45.1899"N | 83°42'30.4602"E | 246.138 |
| BP-23 | 244594.167 | 77851.544 | 138.42 | 22°10'46.3376"N | 83°42'38.5249"E | 245.171 |
| BP-24 | 244598.511 | 778529.469 | 133.528 | 22°10'47.5647"N | 83°42'38.1689"E | 253.179 |
| BP-25 | 244613.9 | 778531.768 | 133.505 | 22°10'52.1558"N | 83°42'37.9639"E | 253.108 |
| BP-26 | 244622.556 | 778525.431 | 133.649 | 22°10'58.8817"N | 83°42'38.2179"E | 253.402 |
| BP-27 | 244640.238 | 778577.545 | 133.093 | 22°10'52.7058"N | 83°42'37.4807"E | 258.861 |
| BP-28 | 244658.465 | 778698.305 | 132.434 | 22°10'56.2829"N | 83°42'37.4489"E | 262.199 |
| BP-29 | 244660.025 | 778693.469 | 132.863 | 22°10'58.8242"N | 83°42'37.2072"E | 263.83 |
| BP-30 | 244612.312 | 778951.544 | 133.863 | 22°10'51.1380"N | 83°42'38.2487"E | 273.438 |
| BP-31 | 244628.913 | 778933.338 | 141.426 | 22°10'52.5709"N | 83°42'31.3442"E | 289.7 |
| BP-32 | 244627.187 | 779041.596 | 144.857 | 22°10'57.8809"N | 83°42'36.4882"E | 294.47 |
| BP-33 | 244625.518 | 779130.509 | 146.213 | 22°10'53.1559"N | 83°42'36.4984"E | 281.985 |
| BP-34 | 244644.404 | 779047.028 | 152.385 | 22°10'53.0367"N | 83°42'38.5203"E | 272.055 |
| BP-35 | 244654.011 | 779004.425 | 138.447 | 22°10'56.6162"N | 83°42'33.2422"E | 268.415 |
| BP-36 | 244658.917 | 779006.181 | 141.425 | 22°10'58.8338"N | 83°42'33.0382"E | 282.19 |

| Legend | | |
|--------|--|--|
| | COMPENSATORY AFFORESTATION AREA BOUNDARY PILLARS | |
| | COMPENSATORY AFFORESTATION AREA | |

DGPS SURVEYED MAP SHOWING COMPENSATORY AFFORESTATION LAND OVER AN AREA OF 129.150 Ha AGAINST THE DIVERSION OF THE FOREST LAND FOR NON-FORESTRY USE OF 349.709 Ha FOREST LAND WITHIN TOTAL ML AREA OF 2290.449 Ha SIARMAL OPEN CAST COAL MINING PROJECT OF MCL IN JAMKANI R.F. UNDER GOPALPUR FOREST RANGE OF SUNDARGARH FOREST DIVISION

DGPS Survey & Map Prepared By
Geoid Resources Pvt. Ltd.