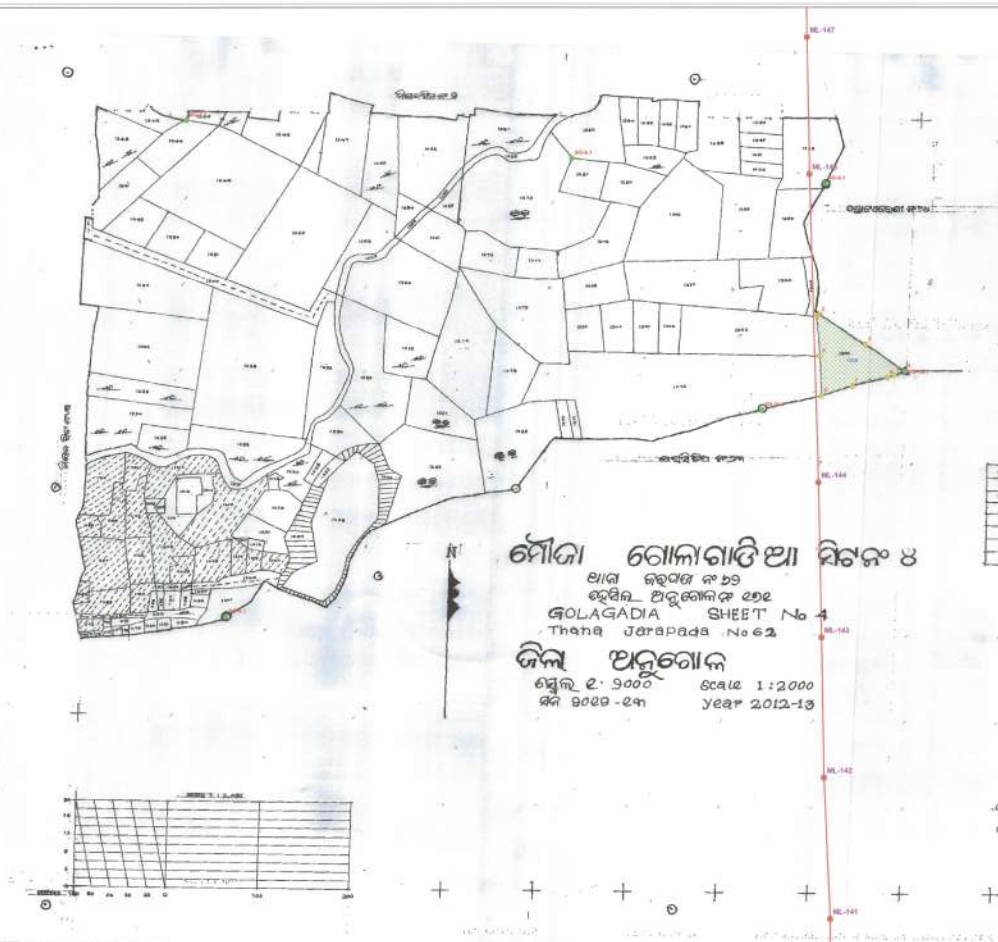


DGPS SURVEYED MAP SHOWING THE FOREST AREA TO BE DIVERTED WITHIN SUBHADRA OPEN CAST PROJECT IN VILLAGE GOLAGADIA(SHEET NO-4) OF M/S MAHANADI COAL FIELD LIMITED AT SUBHADRA AREA IN ANGUL DISTRICT.



Legend

- DGPS SURVEYED GEO-REF COORDINATES
- DERIVED COORDINATES OF FOREST PILLAR POINTS
- BOUNDARY PILLARS
- REVENUE FOREST PATCHES
- BOUNDARY

DGPS SURVEYED POINTS USED FOR GEO-REFERENCING

SL NO	POINT(S)	EASTING	NORTHING	LONGITUDE	LATITUDE
1	GO-6.1	289853.088	232093.606	84°58'43.35304"	20°58'07.89057"
2	GO-7.1	289158.97	232096.686	84°58'13.28157"	20°58'08.47915"
3	GO-8.1	289194.692	2319507.871	84°58'33.79407"	20°57'54.71385"
4	GO-9.1	289577.369	2320036.271	84°58'33.79407"	20°58'08.04515"
5	GO-10.1	289936.845	2319784.287	84°58'46.34373"	20°58'00.00331"
6	RN-11.1	289786.732	2319741.054	84°58'40.96180"	20°57'58.53047"

DERIVED FOREST PATCH BOUNDARY COORDINATES

PILLAR ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	84°58'43.02408"	20°58'02.08380"	289841.69	2319849.546
2	84°58'43.12668"	20°58'02.13452"	289844.674	2319851.087
3	84°58'44.60224"	20°58'00.99480"	289854.374	2319815.384
4	84°58'46.34724"	20°57'59.36500"	289936.865	2319783.762
5	84°58'46.92460"	20°57'59.83120"	289934.634	2319779.209
6	84°58'46.66772"	20°57'59.74526"	289917.737	2319776.646
7	84°58'44.37280"	20°57'59.43206"	289879.628	2319767.499
8	84°58'43.19503"	20°57'59.05978"	289845.459	2319756.478
9	84°58'43.14364"	20°58'00.56740"	289844.56	2319802.867

FOREST AREA STATISTICS

SL NO	VILLAGE NM	PLOT NO	KISSAM	ALLO AR	AC	ALLO AR	HA	MAP AR	HA
1	GOLAGADIA-II	130N	JUNGLE	1.302	0.446	0.446	0.446	0.446	0.446
	TOTAL			1.302	0.446	0.446	0.446	0.446	0.446

Surveyed and Prepared by: [Signature]

AREAL CONSTRUCTIONS & GEO-INDIA SERVICES
BHUBANESWAR