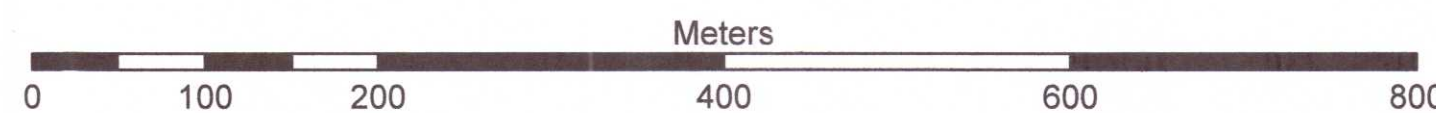


GEOREFERENCE MAP SHOWING DGPS SURVEY FOREST AREAS OF VILLAGE-SARANGA TO BE DIVERTED WITHIN THE M.L. BOUNDARY OF BHARATPUR OPEN CAST PROJECT PROPOSED FOR EXPANSION OF M/s MCL BHARATPUR AREA, TALCHER, ANGUL

SCALE-1:3,960

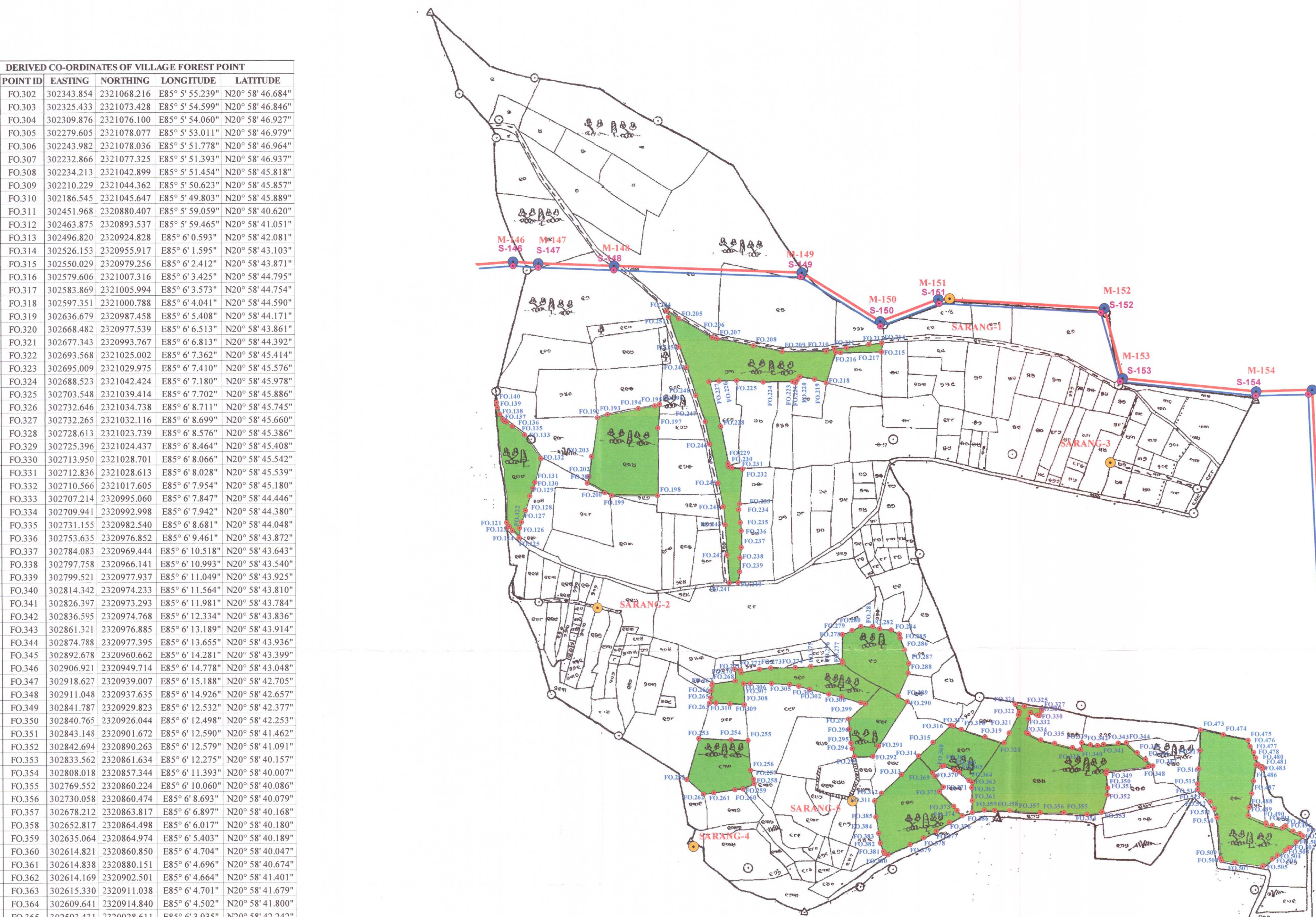


DGPS OBSERVATION CO-ORDINATES OF GEOREFERENCE POINT				
SL. NO.	POINT ID	EASTING	NORTHING	LONGITUDE
1	SARANG-1	302579.228	2321723.850	85°06'03.11698"
2	SARANG-2	301987.195	2321205.901	85°05'42.83635"
3	SARANG-3	302848.812	2321448.524	85°06'12.56212"
4	SARANG-4	302148.562	2320804.403	85°05'48.58749"
5	SARANG-5	302416.627	2320880.127	85°05'57.76612"
6	SARANG-6	303205.469	2320814.775	85°06'25.16781"

DGPS OBSERVATION CO-ORDINATES OF M.L. PILLARS				
SL. NO.	POINT ID	EASTING	NORTHING	LONGITUDE
1	M-146	301846.366	2321787.257	85°05'57.72165"
2	M-147	301889.129	2321784.282	85°05'59.20320"
3	M-148	302016.922	2321779.952	85°05'53.62875"
4	M-149	302331.614	2321768.177	85°05'54.52717"
5	M-150	302462.731	2321686.238	85°05'59.09971"
6	M-151	302560.045	2321723.278	85°06'02.45318"
7	M-152	302828.529	2321719.749	85°06'12.12458"
8	M-153	302860.086	2321610.832	85°06'13.21672"
9	M-154	303092.675	2321568.498	85°06'20.95452"

DERIVED CO-ORDINATES OF VILLAGE FOREST POINT				
SL. NO.	POINT ID	EASTING	NORTHING	LONGITUDE
1	PO-121	301835.008	2321339.103	85°05'37.5131"
2	PO-122	301835.055	2321348.467	85°05'37.5111"
3	PO-123	301839.287	2321341.767	85°05'37.6601"
4	PO-124	301844.643	2321334.911	85°05'37.8491"
5	PO-125	301855.904	2321322.830	85°05'38.2431"
6	PO-126	301856.585	2321338.815	85°05'38.2601"
7	PO-127	301860.317	2321344.903	85°05'38.3851"
8	PO-128	301867.034	2321368.795	85°05'38.6101"
9	PO-129	301874.321	2321392.639	85°05'38.8521"
10	PO-130	301879.313	2321405.993	85°05'39.0191"
11	PO-131	301882.561	2321416.160	85°05'39.1281"
12	PO-132	301892.626	2321455.750	85°05'39.4601"
13	PO-133	301865.161	2321495.281	85°05'39.4931"
14	PO-134	301844.470	2321510.398	85°05'39.7781"
15	PO-135	301835.708	2321516.866	85°05'39.7461"
16	PO-136	301832.149	2321518.463	85°05'39.73401"
17	PO-137	301829.153	2321521.434	85°05'39.72351"
18	PO-138	301823.675	2321530.300	85°05'39.70421"
19	PO-139	301820.131	2321541.929	85°05'39.69151"
20	PO-140	301818.767	2321553.864	85°05'39.67981"
21	PO-141	301818.119	2321563.988	85°05'39.66711"
22	PO-142	301818.119	2321563.988	85°05'39.66711"
23	PO-143	301818.119	2321563.988	85°05'39.66711"
24	PO-144	301818.119	2321563.988	85°05'39.66711"
25	PO-145	301818.119	2321563.988	85°05'39.66711"
26	PO-146	301818.119	2321563.988	85°05'39.66711"
27	PO-147	301818.119	2321563.988	85°05'39.66711"
28	PO-148	301818.119	2321563.988	85°05'39.66711"
29	PO-149	301818.119	2321563.988	85°05'39.66711"
30	PO-150	301818.119	2321563.988	85°05'39.66711"

DERIVED CO-ORDINATES OF VILLAGE FOREST POINT				
SL. NO.	POINT ID	EASTING	NORTHING	LONGITUDE
31	PO-151	301818.119	2321563.988	85°05'39.66711"
32	PO-152	301818.119	2321563.988	85°05'39.66711"
33	PO-153	301818.119	2321563.988	85°05'39.66711"
34	PO-154	301818.119	2321563.988	85°05'39.66711"
35	PO-155	301818.119	2321563.988	85°05'39.66711"
36	PO-156	301818.119	2321563.988	85°05'39.66711"
37	PO-157	301818.119	2321563.988	85°05'39.66711"
38	PO-158	301818.119	2321563.988	85°05'39.66711"
39	PO-159	301818.119	2321563.988	85°05'39.66711"
40	PO-160	301818.119	2321563.988	85°05'39.66711"
41	PO-161	301818.119	2321563.988	85°05'39.66711"
42	PO-162	301818.119	2321563.988	85°05'39.66711"
43	PO-163	301818.119	2321563.988	85°05'39.66711"
44	PO-164	301818.119	2321563.988	85°05'39.66711"
45	PO-165	301818.119	2321563.988	85°05'39.66711"
46	PO-166	301818.119	2321563.988	85°05'39.66711"
47	PO-167	301818.119	2321563.988	85°05'39.66711"
48	PO-168	301818.119	2321563.988	85°05'39.66711"
49	PO-169	301818.119	2321563.988	85°05'39.66711"
50	PO-170	301818.119	2321563.988	85°05'39.66711"
51	PO-171	301818.119	2321563.988	85°05'39.66711"
52	PO-172	301818.119	2321563.988	85°05'39.66711"
53	PO-173	301818.119	2321563.988	85°05'39.66711"
54	PO-174	301818.119	2321563.988	85°05'39.66711"
55	PO-175	301818.119	2321563.988	85°05'39.66711"
56	PO-176	301818.119	2321563.988	85°05'39.66711"
57	PO-177	301818.119	2321563.988	85°05'39.66711"
58	PO-178	301818.119	2321563.988	85°05'39.66711"
59	PO-179	301818.119	2321563.988	85°05'39.66711"
60	PO-180	301818.119	2321563.988	85°05'39.66711"
61	PO-181	301818.119	2321563.988	85°05'39.66711"
62	PO-182	301818.119	2321563.988	85°05'39.66711"
63	PO-183	301818.119	2321563.988	85°05'39.66711"
64	PO-184	301818.119	2321563.988	85°05'39.66711"
65	PO-185	301818.119	2321563.988	85°05'39.66711"
66	PO-186	301818.119	2321563.988	85°05'39.66711"
67	PO-187	301818.119	2321563.988	85°05'39.66711"
68	PO-188	301818.119	2321563.988	85°05'39.66711"
69	PO-189	301818.119	2321563.988	85°05'39.66711"
70	PO-190	301818.119	2321563.988	85°05'39.66711"
71	PO-191	301818.119	2321563.988	85°05'39.66711"
72	PO-192	301818.119	2321563.988	85°05'39.66711"
73	PO-193	301818.119	2321563.988	85°05'39.66711"
74	PO-194	301818.119	2321563.988	85°05'39.66711"
75	PO-195	301818.119	2321563.988	85°05'39.66711"
76	PO-196	301818.119	2321563.988	85°05'39.66711"
77	PO-197	301818.119	2321563.988	85°05'39.66711"
78	PO-198	301818.119	2321563.988	85°05'39.66711"
79	PO-199	301818.119	2321563.988	85°05'39.66711"
80	PO-200	301818.119	2321563.988	85°05'39.66711"
81	PO-201	301818.119	2321563.988	85°05'39.66711"
82	PO-202	301818.119	2321563.988	85°05'39.66711"
83	PO-203	301818.119	2321563.988	85°05'39.66711"
84	PO-204	301818.119	2321563.988	85°05'39.66711"
85	PO-205	301818.119	2321563.988	85°05'39.66711"
86	PO-206	301818.119	2321563.988	85°05'39.66711"
87	PO-207	301818.119	2321563.988	85°05'39.66711"
88	PO-208	301818.119	2321563.988	85°05'39.66711"
89	PO-209	301818.119	2321563.988	85°05'39.66711"
90	PO-210	301818.119	2321563.988	85°05'39.66711"
91	PO-211	301818.119	2321563.988	85°05'39.66711"
92	PO-212	301818.119	2321563.988	85°05'39.66711"
93	PO-213	301818.119	2321563.988	85°05'39.66711"
94	PO-214	301818.119	2321563.988	85°05'39.66711"
95	PO-215	301818.119	2321563.988	85°05'39.66711"
96	PO-216	301818.119	2321563.988	85°05'39.66711"
97	PO-217	301818.119	2321563.988	85°05'39.66711"
98	PO-218	301818.119	2321563.988	85°05'39.66711"
99	PO-219	301818.119	2321563.988	85°05'39.66711"
100	PO-220	301818.119	2321563.988	85°05'39.66711"
101	PO-221	301818.119	2321563.988	85°05'39.66711"
102	PO-222	301818.119	2321563.988	85°05'39.66711"
103	PO-223	301818.119	2321563.988	85°05'39.66711"
104	PO-224	301818.119	2321563.988	85°05'39.66711"
105	PO-225	301818.119	2321563.988	85°05'39.66711"
106	PO-226	301818.119	2321563.988	85°05'39.66711"
107	PO-227	301818.119	2321563.988	85°05'39.66711"
108	PO-228	301818.119	2321563.988	85°05'39.66711"
109	PO-229	301818.119	2321563.988	85°05'39.66711"
110	PO-230	301818.119	2321563.988	85°05'39.66711"
111	PO-231	301818.119	2321563.988	85°05'39.66711"
112	PO-232	301818.119	2321563.988	85°05'39.66711"
113	PO-233	301818.119	2321563.988	85°05'39.66711"
114	PO-234	301818.119	2321563.988	85°05'39.66711"
115	PO-235	301818.119	2321563.988	85°05'39.66711"
116	PO-236	301818.119	2321563.988	85°05'39.66711"
117	PO-237	301818.119	2321563.988	85°05'39.66711"
118	PO-238	301818.119	2321563.988	85°05'39.66711"
119	PO-239	301818.119	2321563.988	85°05'39.66711"
120	PO-240	301818.119	2321563.988	85°05'39.66711"
121	PO-241	301818.119	2321563.988	85°05'39.66711"
122	PO-242	301818.119	2321563.988	85°05'39.66711"
123	PO-243	301818.119	2321563.988	85°05'39.66711"
124	PO-244	301818.119	2321563.988	85°05'39.66711"
125	PO-245	301818.119	2321563.988	85°05'39.66711"
126	PO-246	301818.119	2321563.988	85°05'39.66711"
127	PO-247	301818.119	2321563.988	85°05'39.66711"
128	PO-248	301818.119	2321563.988	85°05'39.66711"
129	PO-249	301818.119	2321563.988	85°05'39.66711"
130	PO-250	301818.119	2321563.988	85°05'39.66711"



AREA STATISTICS OF FOREST LAND PROPOSED FOR DIVERSION				
SL. NO.	VILLAGE	PLOT NO.	KISAM	ALLOTTED AREA (Acre)
1	Sarang	63	JUNGLE-2	6.500
2	Sarang	96	JUNGLE-2	2.330
3	Sarang	104	JUNGLE-2	3.780
4	Sarang	109	JUNGLE-2	2.140
5	Sarang	130	JUNGLE-2	1.970
6	Sarang	148	JUNGLE-2	1.650
7	Sarang	150	JUNGLE-2	3.220
8	Sarang	152	JUNGLE-2	1.760
9	Sarang	154	GRAMYA JUNGLE	7.000
10	Sarang	159	GRAMYA JUNGLE	5.070
11	Sarang	130/210	JUNGLE-2	2.590
TOTAL AREA				38.010
				15.383
				15.261

LEGEND

- DGPS OBSERVATION CO-ORDINATES OF GEOREFERENCE POINT
- DGPS OBSERVATION CO-ORDINATES OF M.L. PILLARS
- DGPS OBSERVATION CO-ORDINATES OF S.Z. PILLARS
- DERIVED CO-ORDINATES OF VILLAGE FOREST POINT
- MINING LEASE BOUNDARY
- SEAFTY ZONE BOUNDARY
- VILLAGE FOREST AREA PROPOSED FOR DIVERSION

DGPS Survey Conducted and Map Prepared by :-