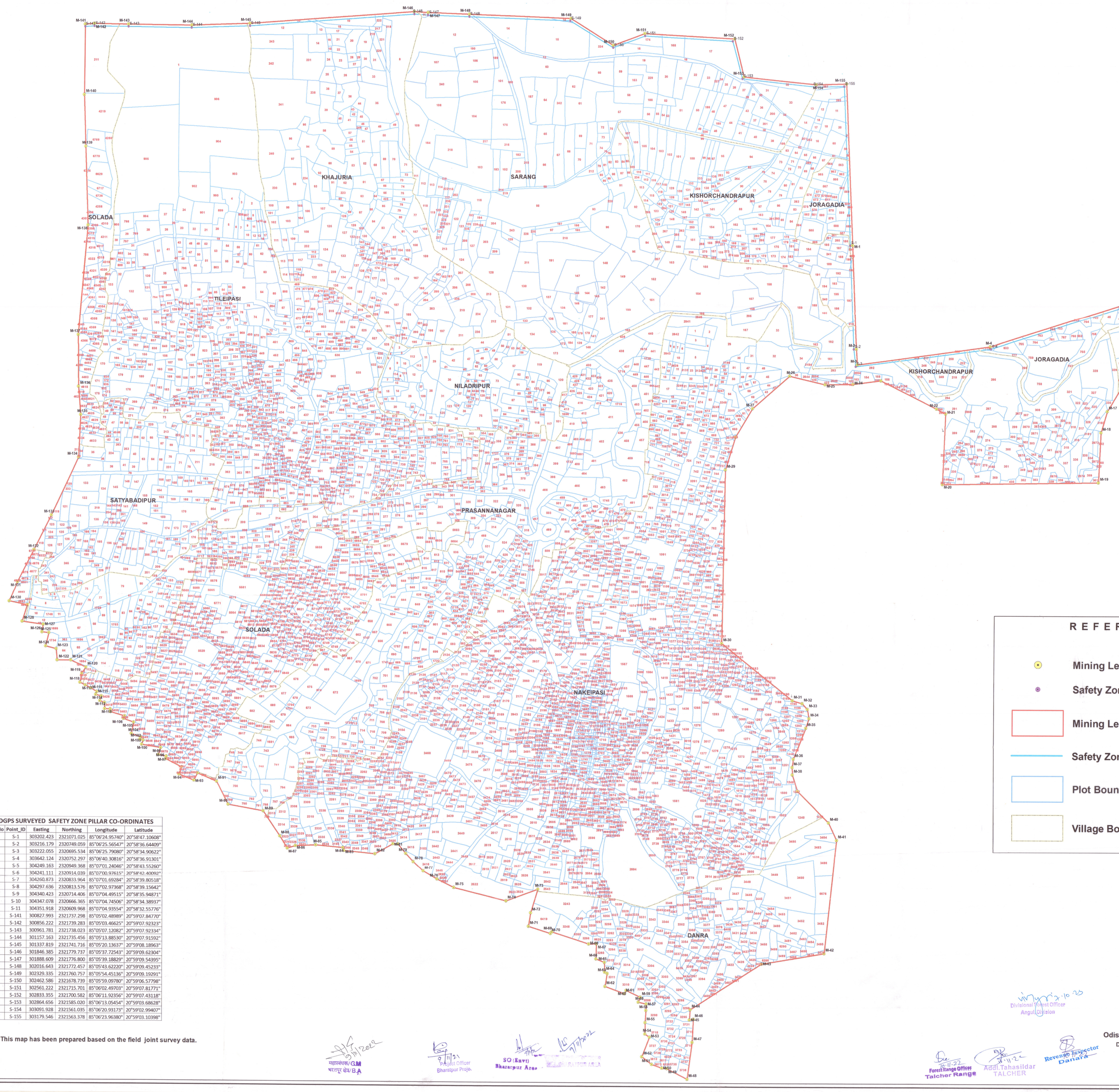
DGPS SURVEY GEO-REFERENCED MINING LEASE MAP OF BHARATPUR OCP EXPN, IN TALCHER TAHSIL OF ANGUL DISTRICT GRANTED IN FAVOUR OF M/s MCL Ltd.

DGPS SURVEYED M.L PILLAR CO-ORDINATES

Sl_No	Point_ID	Easting	Northing	Longitude	Latitude
1	M-1	303209.916	2321071.345	85°06'25.21667"	20°58'47.11940"
2	M-2	303223.673	2320749.379	85°06'25.82471"	20°58'36.65737"
3	M-3	303227.126	2320701.060	85°06'25.96406"	20°58'35.08784"
4	M-4	303640.378	2320759.591	85°06'40.24472"	20°58'37.14946"
5	M-5	304259.520	2320960.617	85°07'01.59438"	20°58'43.92224"
6	M-6	304248.606	2320914.315	85°07'01.23546"	20°58'42.41276"
7	M-7	304266.717	2320838.664	85°07'01.89322"	20°58'39.96023"
8	M-8	304303.486	2320818.950	85°07'03.17399"	20°58'39.33336"
9	M-9	304347.713	2320716.443	85°07'04.74665"	20°58'36.01769"
10	M-10	304354.533	2320667.202	85°07'05.00279"	20°58'34.41947"
11	M-11	304360.162	2320602.059	85°07'05.22415"	20°58'32.30375"
12	M-12	304341.725	2320619.747	85°07'04.57874"	20°58'32.87176"
13	M-13	304248.027	2320690.281	85°07'01.30670"	20°58'35.12903"
14	M-14	304195.529	2320703.750	85°06'59.48399"	20°58'35.54684"
15	M-15	304134.801	2320697.607	85°06'57.38440"	20°58'35.32390"
16	M-16	304053.566	2320648.259	85°06'54.59260"	20°58'33.68845"
17	M-17	304001.977	2320561.021	85°06'52.84242"	20°58'30.83250"
18	M-18	303982.936	2320495.084	85°06'52.21022"	20°58'28.68154"
19	M-19	303976.664	2320340.163	85°06'52.05632"	20°58'23.64251"
20	M-20	303493.012	2320332.178	85°06'35.31845"	20°58'23.19740"
21	M-21	303501.758	2320550.596	85°06'35.53180"	20°58'30.30172"
22	M-22	303472.497	2320566.006	85°06'34.51273"	20°58'30.79146"
23	M-23	303300.284	2320652.348	85°06'28.51632"	20°58'33.53228"
24	M-24	303214.387	2320640.690	85°06'25.54783"	20°58'33.12026"
25	M-25	303128.452	2320639.244	85°06'22.57380"	20°58'33.04020"
26	M-26	303019.521	2320664.477	85°06'18.79290"	20°58'33.81859"
27	M-27	302904.492	2320563.490	85°06'14.85259"	20°58'30.49115"
28	M-28	302852.572	2320475.514	85°06'13.09154"	20°58'27.61100"
29	M-29	302822.314	2320373.451	85°06'12.06606"	20°58'24.28122"
30	M-30	302815.460	2319835.985	85°06'12.06929"	20°58'06.80527"
31	M-31	303035.545	2319660.174	85°06'19.75907"	20°58'01.17430"
32	M-32	303065.862	2319651.195	85°06'20.81210"	20°58'00.89404"
33	M-33	303082.154	2319633.379	85°06'21.38332"	20°58'00.32113"
34	M-34	303086.783	2319604.467	85°06'21.55536"	20°57'59.38294"
35	M-35	303077.502	2319574.927	85°06'21.24623"	20°57'58.41904"
36	M-36	303039.271	2319477.639	85°06'19.96283"	20°57'55.24142"
37	M-37	303036.121	2319451.887	85°06'19.86433"	20°57'54.40298"
38	M-38	303036.701	2319429.014	85°06'19.89382"	20°57'53.69958"
39	M-39	303052.918	2319378.126	85°06'20.47594"	20°57'52.01143"
40	M-40	303149.282	2319280.986	85°06'23.85104"	20°57'48.89041"
41	M-41	303174.510	2319227.116	85°06'24.74629"	20°57'47.14877"
42	M-42	303137.204	2318876.013	85°06'23.59876"	20°57'35.71988"
43	M-43	302943.347	2318843.096	85°06'16.90272"	20°57'34.57512"
44	M-44	302722.865	2318701.123	85°06'09.32990"	20°57'29.87464"
45	M-45	302720.488	2318669.534	85°06'09.26060"	20°57'28.84673"
46	M-46	302732.642	2318671.388	85°06'09.68047"	20°57'28.91167"
47	M-47	302729.334	2318599.950	85°06'09.59530"	20°57'26.58791"
48	M-48	302714.121	2318485.848	85°06'09.11556"	20°57'22.87256"
49	M-49	302651.282	2318518.260	85°06'06.92741"	20°57'23.90206"
50	M-50	302635.258	2318519.974	85°06'06.37214"	20°57'23.95163"
51	M-51	302604.318	2318531.158	85°06'05.29672"	20°57'24.30328"
52	M-52	302574.222	2318554.971	85°06'04.24530"	20°57'25.06586"
53	M-53	302596.721	2318615.106	85°06'04.99928"	20°57'27.02952"
54	M-54	302582.962	2318625.160	85°06'04.51897"	20°57'27.35111"
55	M-55	302583.327	2318660.218	85°06'04.51721"	20°57'28.49101"
56	M-56	302585.780	2318697.590	85°06'04.58676"	20°57'29.70695"
57	M-57	302586.477	2318717.672	85°06'04.60267"	20°57'30.36010"
58	M-58	302562.029	2318723.387	85°06'03.75419"	20°57'30.53646"
59	M-59	302568.538	2318738.786	85°06'03.97314"	20°57'31.03960"
60	M-60	302524.882	2318759.265	85°06'02.45376"	20°57'31.68853"
61	M-61	302519.802	2318748.946	85°06'02.28218"	20°57'31.35110"
62	M-62	302458.638	2318771.622	85°06'00.15599"	20°57'32.06473"
63	M-63	302465.509	2318811.494	85°06'00.37739"	20°57'33.36361"
64	M-64	302457.496	2318815.928	85°06'00.09824"	20°57'33.50470"
65	M-65	302456.778	2318846.101	85°06'00.06098"	20°57'34.48537"
66	M-66	302430.078	2318856.618	85°05'59.13258"	20°57'34.81697"
67	M-67	302431.600	2318902.705	85°05'59.16631"	20°57'36.31586"
68	M-68	302407.406	2318902.458	85°05'58.32906"	20°57'36.29848"
69	M-69	302293.741	2318939.447	85°05'54.37982"	20°57'37.45714"
70	M-70	302289.614	2318933.890	85°05'54.23924"	20°57'37.27490"
71	M-71	302221.805	2318955.890	85°05'51.88330"	20°57'37.96394"
72	M-72	302228.648	2318997.693	85°05'52.10293"	20°57'39.32564"
73	M-73	302250.364	2319070.657	85°05'52.82455"	20°57'41.70611"
74	M-74	302152.325	2319034.224	85°05'49.44631"	20°57'40.48380"
75	M-75	301989.708	2319074.265	85°05'43.80151"	20°57'41.72267"
76	M-76	301937.243	2319100.122	85°05'41.97498"	20°57'42.54300"
77	M-77	301894.852	2319125.250	85°05'40.49743"	20°57'43.34353"
78	M-78	301863.473	2319154.281	85°05'39.39940"	20°57'44.27518"
79	M-79	301840.221	2319179.924	85°05'38.58403"	20°57'45.09983"
80	M-80	301816.328	2319208.863	85°05'37.74516"	20°57'46.03140"
81	M-81	301800.575	2319209.865	85°05'37.19954"	20°57'46.05790"
82	M-82	301745.466	2319178.103	85°05'35.30522"	20°57'45.00396"
83	M-83	301648.566	2319187.771	85°05'31.94740"	20°57'45.28073"
84	M-84	301645.586	2319196.868	85°05'31.84055"	20°57'45.57532"
85	M-85	301561.850	2319204.475	85°05'28.93920"	20°57'45.79020"
86	M-86	301498.588	2319202.062	85°05'26.75062"	20°57'45.68720"
87	M-87	301473.549	2319194.230	85°05'25.88719"	20°57'45.42289"
88	M-88	301449.983	2319231.307	85°05'25.05624"	20°57'46.61910"
89	M-89	301399.082	2319308.765	85°05'23.26250"	20°57'49.11757"
90	M-90	301290.576	2319328.020	85°05'19.49903"	20°57'49.70146"
91	M-91	301254.063	2319398.929	85°05'18.20594"	20°57'51.99253"
92	M-92	301195.061	2319424.064	85°05'16.15340"	20°57'52.78680"
93	M-93	301183.547	2319402.006	85°05'15.76403"	20°57'52.06522"
94	M-94	301137.285	2319420.187	85°05'14.15530"	20°57'52.63830"
95	M-95	301145.712	2319445.133	85°05'14.43664"	20°57'53.45258"
96	M-96	301096.764	2319470.269	85°05'12.73207"	20°57'54.25074"
97	M-97	301097.822	2319477.677	85°05'12.76566"	20°57'54.49198"
98	M-98	301073.781	2319482.966	85°05'11.93136"	20°57'54.65459"
99	M-99	301080.360	2319504.400	85°05'12.15017"	20°57'55.35396"
100	M-100	301022.416	2319513.925	85°05'10.14072"	20°57'55.64113"
101	M-101	301026.649	2319527.154	85°05'10.28177"	20°57'56.07284"
102	M-102	301017.124	2319529.536	85°05'09.95107"	20°57'56.14657"
103	M-103	301019.241	2319536.415	85°05'10.02149"	20°57'56.37103"
104	M-104	300990.401	2319547.263	85°05'09.01882"	20°57'56.71249"
105	M-105	300997.016	2319582.188	85°05'09.23330"	20°57'57.85049"
106	M-106	300966.059	2319593.300	85°05'08.15726"	20°57'58.19972"
107	M-107	300968.970	2319601.502	85°05'08.25461"	20°57'58.46749"
108	M-108	300925.578	2319613.938	85°05'06.74758"	20°57'58.85489"
109	M-109	300924.520	2319622.669	85°05'06.70733"	20°57'59.13835"
110	M-110	300907.057	2319623.727	85°05'06.10249"	20°57'59.16596"
111	M-111	300906.793	2319642.513	85°05'06.08554"	20°57'59.77656"
112	M-112	300892.241	2319648.334	85°05'05.57945"	20°57'59.96016"
113	M-113	300896.474	2319662.886	85°05'05.71996"	20°58'00.43489"
114	M-114	300879.276	2319667.384	85°05'05.12282"	20°58'00.57443"
115	M-115	300882.451	2319676.380	85°05'05.22899"	20°58'00.86812"
116	M-116	300863.930	2319687.227	85°05'04.58347"	20°58'01.21357"
117	M-117	300846.735	2319696.499	85°05'03.98447"	20°58'01.50834"
118	M-118	300830.063	2319704.955	85°05'03.40393"	20°58'01.77672"
119	M-119	300835.339	2319731.907	85°05'03.57536"	20°58'02.65498"
120	M-120	300848.121	2319751.503	85°05'04.00963"	20°58'03.29704"
121	M-121	300800.970	2319773.182	85°05'02.36888"	20°58'03.98348"
122	M-122	300758.570	2319773.663	85°05'00.90089"	20°58'03.98262"
123	M-123	300755.220	2319808.214	85°05'00.77068"	20°58'05.10456"
124	M-124	300722.773	2319816.525	85°04'59.64413"	20°58'05.36210"
125	M-125	300732.325	2319857.952	85°04'59.95758"	20°58'06.71264"
126	M-126	300711.081	2319860.127	85°04'59.22138"	20°58'06.77510"
127	M-127	300714.458	2319883.557	85°04'59.32855"	20°58'07.53812"
128	M-128	300649.549	2319892.641	85°04'57.07812"	20°58'07.80816"
129	M-129	300665.275	2319943.324	85°04'57.60145"	20°58'09.46200"
130	M-130	300608.847	2319955.175	85°04'55.64341"	20°58'09.82531"
131	M-131	300633.709	2320017.111	85°04'56.47825"	20°58'11.84851"
132	M-132	300683.978	2320117.177	85°04'58.17670"	20°58'15.12127"
133	M-133	300736.422	2320224.339	85°04'59.94754"	20°58'18.62555"
134	M-134	300819.852	2320403.629	85°05'02.76101"	20°58'24.48674"
135	M-135	300825.797	2320535.730	85°05'02.91199"	20°58'28.78370"
136	M-136	300818.480	2320622.934	85°05'02.62259"	20°58'31.61586"
137	M-137	300816.472	2320782.345	85°05'02.48701"	20°58'36.79756"
138	M-138	300843.491	2321124.156	85°05'03.28056"	20°58'47.92040"
139	M-139	300833.866	2321367.468	85°05'02.84651"	20°58'55.82680"
140	M-140	300827.724	2321527.197	85°05'02.56769"	20°59'01.01717"
141	M-141	300828.003	2321744.799	85°05'02.48712"	20°59'08.09153"
142	M-142	300856.001	2321746.786	85°05'03.45548"	20°59'08.16706"
143	M-143	300961.870	2321745.522	85°05'07.12079"	20°59'08.16720"
144	M-144	301157.262	2321742.955	85°05'13.88558"	20°59'08.15975"
145	M-145	301337.559	2321749.211	85°05'20.12428"	20°59'08.43320"
146	M-146	301846.366	2321787.257	85°05'37.72165"	20°59'09.86752"
147	M-147	301889.129	2321784.282	85°05'39.20320"	20°59'09.78738"
148	M-148	302016.922	2321779.952	85°05'43.62870"	20°59'09.69608"
149	M-149	302331.614	2321768.177	85°05'54.52717"	20°59'09.43501"
150	M-150	302462.731	2321686.238	85°05'59.09971"	20°59'06.82181"
151	M-151	302560.045	2321723.278	85°06'02.45318"	20°59'08.06359"
152	M-152	302828.529	2321719.749	85°06'12.12458"	20°59'07.66702"
153	M-153	302860.086	2321610.832	85°06'13.21672"	20°59'03.87668"
154	M-154	303092.675	2321568.498	85°06'20.95452"	20°59'03.23696"
155	M-155	303186.696	2321571.077	85°06'24.20816"	20°59'03.35702"

DGPS SURVEYED MINING LEASE AREA = 628.310 Ha.



DGPS SURVEYED SAFETY ZONE PILLAR CO-ORDINATES

Sl_No	Point_ID	Easting	Northing	Longitude	Latitude
1	S-1	303202.423	2321071.025	85°06'24.95740"	20°58'47.10608"
2	S-2	303216.179	2320749.059	85°06'25.56547"	20°58'36.64409"
3	S-3	303222.059	2320695.534	85°06'25.79080"	20°58'34.90622"
4	S-4	303642.124	2320752.297	85°06'40.30816"	20°58'36.91301"
5	S-5	304249.163	2320949.368	85°07'01.24046"	20°58'43.55260"
6	S-6	304241.111	2320914.039	85°07'00.97615"	20°58'42.40092"
7	S-7	304260.671	2320833.964	85°07'01.69284"	20°58'39.80518"
8	S-8	304297.636	2320813.576	85°07'02.97368"	20°58'39.15642"
9	S-9	304340.423	2320714.406	85°07'04.49515"	20°58'35.94871"
10	S-10	304347.078	2320666.365	85°07'04.74506"	20°58'34.38937"
11	S-11	304351.918	2320609.968	85°07'04.93554"	20°58'32.55776"
12	S-141	300827.993	2321737.298	85°05'07.48989"	20°59'07.84770"
13	S-142	300856.222	2321739.283	85°05'03.46625"	20°59'07.92323"
14	S-143	300961.781	2321738.023	85°05'07.12082"	20°59'07.92334"
15	S-144	301157.163	2321735.456	85°05'13.88530"	20°59'07.91592"
16	S-145	301337.819	2321741.716	85°05'20.13637"	20°59'08.18963"
17	S-146	301846.385	2321779.737	85°05'37.72543"	20°59'09.62304"
18	S-147	301888.609	2321776.800	85°05'39.18829"	20°59'09.54395"
19	S-148	302016.643	2321772.457	85°05'43.62220"	20°59'09.45233"
20	S-149	302329.335	2321760.757	85°05'54.45136"	20°59'09.19291"
21	S-150	302462.586	2321678.739	85°05'59.09780"	20°59'06.57798"
22	S-151	302561.222	2321715.701	85°06'02.49703"	20°59'07.81771"
23	S-152	302833.355	2321700.582	85°06'11.92356"	20°59'07.43118"
24	S-153	302864.656	2321585.020	85°06'13.05454"	20°59'03.68628"
25	S-154	303091.928	2321561.035	85°06'20.93173"	20°59'02.99407"
26	S-155	303179.546	2321563.378	85°06'23.96380"	20°59'03.10398"

Disclaimer -: This map has been prepared based on the field joint survey data.

महाप्रबंधक/GM
भारतपुर क्षेत्र/B.A

Project Officer
Bharatpur Project

SO (Envt)
Bharatpur Area

Divisional Forest Officer
Angul Division

Forest Range Officer
Talcher Range

Addl.Tahasildar
TALCHER

Revenue Inspector
Danara

Odisha Space Applications Centre
Dept. of Science and Technology
Govt. of Odisha
Bhubaneswar