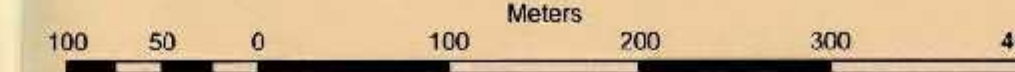




**DGPS SURVEY MINING LEASE BOUNDARY
RAIKELA IRON AND MANGANESE ORE MINES
OF SRI CHANDI PRASAD SHARMA**



SCALE = 1 : 4,000



FOREST/NON-FOREST PILLAR COORDINATES

SL.NO	PL.NO.	LONGITUDE		LATITUDE		UTM COORDINATE	
		DD-MM-SS	DD-MM-SS	DD-MM-SS	DD-MM-SS	EASTING	NORTHING
PATCH-A							
1	1	85°10'09.31044"	21°51'36.39528"	310820.535	2418468.828		
2	2	85°10'09.50232"	21°51'37.35820"	310826.399	2418498.398		
3	3	85°10'09.61500"	21°51'37.75896"	310829.786	2418510.663		
4	4	85°10'09.93684"	21°51'38.26476"	310839.205	2418526.114		
5	5	85°10'10.02612"	21°51'38.78892"	310841.957	2418542.201		
6	6	85°10'09.95988"	21°51'39.34548"	310840.264	2418559.346		
7	7	85°10'09.59844"	21°51'39.93600"	310830.104	2418577.655		
8	8	85°10'09.49280"	21°51'40.41196"	310827.248	2418592.306		
9	9	85°10'09.63120"	21°51'41.12424"	310831.480	2418614.168		
10	10	85°10'09.88068"	21°51'41.70780"	310838.888	2418634.805		
11	11	85°10'09.80724"	21°51'42.34428"	310836.983	2418651.633		
12	12	85°10'09.33312"	21°51'43.98732"	310823.965	2418702.327		
13	13	85°10'09.19452"	21°51'45.03168"	310820.367	2418734.501		
14	14	85°10'09.22620"	21°51'45.70308"	310821.531	2418755.139		
15	15	85°10'09.51392"	21°51'46.82356"	310833.067	2418789.534		
16	16	85°10'09.86052"	21°51'47.42028"	310840.370	2418807.737		
17	17	85°10'10.22304"	21°51'47.90952"	310850.953	2418822.660		
18	18	85°10'10.99416"	21°51'48.14856"	310873.178	2418829.751		
19	19	85°10'11.47548"	21°51'48.54960"	310887.148	2418841.922		
20	20	85°10'11.92656"	21°51'49.03632"	310900.271	2418856.738		
21	21	85°10'12.97020"	21°51'49.27500"	310930.328	2418863.723		
22	22	85°10'13.80360"	21°51'49.55286"	310954.362	2418871.078		
23	23	85°10'13.93788"	21°51'49.70566"	310958.268	2418878.635		
24	24	85°10'13.91376"	21°51'49.67404"	310957.633	2418881.821		
25	25	85°10'13.77624"	21°51'49.94820"	310953.717	2418884.140		
26	26	85°10'13.40004"	21°51'49.72392"	310942.832	2418877.378		
27	27	85°10'12.73620"	21°51'49.72392"	310923.772	2418877.605		
28	28	85°10'12.42552"	21°51'49.58460"	310914.808	2418873.430		
29	29	85°10'11.28072"	21°51'48.78828"	310881.645	2418849.330		
30	30	85°10'10.86636"	21°51'48.62556"	310869.685	2418844.462		
31	31	85°10'11.76968"	21°51'48.48656"	310849.817	2418837.322		
32	32	85°10'09.85584"	21°51'48.21408"	310840.524	2418832.153		
33	33	85°10'09.67368"	21°51'47.99988"	310835.219	2418825.629		
34	34	85°10'09.47028"	21°51'47.71080"	310829.272	2418816.806		
35	35	85°10'09.25140"	21°51'46.92492"	310822.695	2418792.709		
36	36	85°10'09.09336"	21°51'46.60308"	310818.039	2418782.866		
37	37	85°10'09.02460"	21°51'45.91404"	310815.816	2418761.700		
38	38	85°10'08.75100"	21°51'45.39168"	310807.773	2418745.719		
39	39	85°10'08.68168"	21°51'45.04680"	310805.656	2418735.136		
40	40	85°10'08.73624"	21°51'44.82360"	310807.198	2418728.256		
41	41	85°10'08.95296"	21°51'44.58168"	310813.276	2418720.742		
42	42	85°10'09.18444"	21°51'43.79292"	310819.626	2418696.400		
43	43	85°10'09.22260"	21°51'43.09488"	310820.473	2418674.916		
44	44	85°10'09.50916"	21°51'42.30324"	310828.410	2418650.488		
45	45	85°10'09.46488"	21°51'41.45940"	310826.823	2418624.536		
46	46	85°10'09.11316"	21°51'40.40280"	310816.345	2418592.154		
47	47	85°10'08.15492"	21°51'40.02120"	310817.404	2418580.407		
48	48	85°10'09.51420"	21°51'39.62268"	310827.564	2418568.024		
49	49	85°10'09.58836"	21°51'39.28968"	310829.575	2418557.759		
50	50	85°10'09.38208"	21°51'38.69568"	310823.436	2418539.555		
51	51	85°10'09.03036"	21°51'36.60516"	310812.571	2418475.380		

AREA = 0.6358 Ha.

PATCH-B

52	52	85°09'58.32935"	21°51'44.46576"	310508.217	2418720.806		
53	53	85°09'58.73564"	21°51'45.64548"	310462.893	2418757.644		
54	54	85°09'58.12812"	21°51'46.27188"	310503.087	2418775.430		

AREA = 0.1166 Ha.

PATCH-C

55	55	85°10'34.90536"	21°52'02.53740"	311564.929	2418264.151		
56	56	85°10'31.17576"	21°51'58.77432"	311456.486	2419149.676		
57	57	85°10'29.77356"	21°51'56.71548"	311415.476	2419088.838		
58	58	85°10'29.44344"	21°51'55.50768"	311405.554	2419049.796		
59	59	85°10'29.44272"	21°51'51.93756"	311404.231	2418939.954		
60	60	85°10'29.80652"	21°51'51.74568"	311408.961	2418934.040		
61	61	85°10'30.02016"	21°51'51.81480"	311420.767	2418935.025		
62	62	85°10'33.45688"	21°51'53.18940"	311519.989	2418977.035		
63	63	85°10'35.91948"	21°51'53.53532"	311500.762	2418988.957		
64	64	85°10'36.03864"	21°51'53.23844"	311594.070	2418977.657		
65	65	85°10'33.36600"	21°51'49.61520"	311516.017	2418867.233		
66	66	85°10'33.46284"	21°51'49.22028"	311518.563	2418855.327		
67	67	85°10'34.16248"	21°51'48.80700"	311539.169	2418842.098		
68	68	85°10'39.96948"	21°51'50.29056"	311705.858	2418885.754		
69	69	85°10'43.45388"	21°51'53.98600"	311838.353	2418998.202		
70	70	85°10'43.86416"	21°51'54.00360"	311813.277	2418998.569		
71	71	85°10'43.94208"	21°51'53.72856"	311821.162	2418990.147		
72	72	85°10'44.25204"	21°51'54.08100"	311830.187	2419000.874		
73	73	85°10'44.19696"	21°51'54.42300"	311828.729	2419011.421		
74	74	85°10'43.82688"	21°51'54.76500"	311818.232	2419022.061		
75	75	85°10'43.40712"	21°51'54.64260"	311806.134	2419018.443		
76	76	85°10'42.57876"	21°51'53.81640"	311782.057	2418993.307		
77	77	85°10'40.07168"	21°51'50.63812"	311706.031	2418962.545		
78	78	85°10'39.01280"	21°51'50.45184"	311679.442	2418891.042		
79	79	85°10'34.68524"	21°51'49.37040"	311553.236	2418859.259		
80	80	85°10'34.06548"	21°51'49.31784"	311536.994	2418857.840		
81	81	85°10'33.86928"	21°51'49.53060"	311530.437	2418864.455		
82	82	85°10'33.90276"	21°51'49.78044"	311531.496	2418872.128		
83	83	85°10'36.69744"	21°51'53.22636"	311612.987	2418977.168		
84	84	85°10'36.75648"	21°51'53.55728"	311614.840	2418990.387		
85	85	85°10'36.50376"	21°51'53.95436"	311607.696	2418999.922		
86	86	85°10'35.08392"	21°51'54.03864"	311586.950	2419001.774		
87	87	85°10'31.68516"	21°51'53.16228"	311489.054	2418978.903		
88	88	85°10'30.21960"	21°51'52.44084"	311426.720	2418955.207		
89	89	85°10'29.92476"	21°51'52.42896"	311418.254	2418954.943		
90	90	85°10'29.81136"	21°51'52.67700"	311415.078	2418962.615		
91	91	85°10'29.88740"	21°51'55.48356"	311421.164	2419048.870		
92	92	85°10'30.50040"	21°51'57.17820"	311436.510	2419100.728		
93	93	85°10'35.11776"	21°52'02.35488"	311570.953	2419258.467		

AREA = 1.5145 Ha.

TOTAL NON FOREST AREA (A+B+C) = 2.1669 Ha.

M.L. PILLAR COORDINATES

SL.NO.	PL.NO.	LONGITUDE		LATITUDE		UTM COORDINATE	
		DD-MM-SS	DD-MM-SS	DD-MM-SS	DD-MM-SS	EASTING	NORTHING
1	A	85°10'21.35136"	21°51'27.46620"	311162.988	2418190.084		
2	A1	85°10'16.58424"	21°51'30.97476"	311027.332	2418299.627		
3	A2	85°10'12.67212"	21°51'33.87462"	310916.137	2418390.164		
4	A3	85°10'08.26032"	21°51'37.18224"	310790.674	2418493.398		
5	A4	85°10'04.78776"	21°51'39.71700"	310691.898	2418572.539		
6	A5	85°10'02.55540"	21°51'41.36252"	310628.416	2418623.929		
7	A6	85°09'59.62962"	21°51'43.28064"	310553.740	2418683.808		
8	B	85°09'56.73564"	21°51'45.64548"	310462.893	2418757.644		
9	B1	85°09'58.91796"	21°51'46.62720"	310525.908	2418787.089		
10	B2	85°10'05.61144"	21°51'49.53788"	310719.194	2418877.402		
11	B3	85°10'10.83704"	21°51'51.89868"	310864.299	2418945.211		
12	B4	85°10'14.94732"	21°51'53.83728"	310986.739	2419003.368		
13	B5	85°10'23.59632"	21°51'57.72744"	311238.498	2419130.065		
14	B6	85°10'28.72020"	21°52'00.03180"	311386.444	2419189.197		
15	C	85°10'34.69440"	21°52'02.71848"	311558.935	2419269.798		
16	C1	85°10'38.66736"	21°51'59.30676"	311671.758	2419163.507		
17	C2	85°10'41.31680"	21°51'57.08448"	311747.004	2419094.260		
18	D	85°10'44.30352"	21°51'54.24156"	311834.305	2419005.769		
19	D1	85°10'42.96216"	21°51'52.61472"	311762.623	2418956.223		
20	D2	85°10'40.08692"	21°51'49.24944"	311709.140	2418853.084		
21	D3	85°10'34.33332"	21°51'42.63444"	311541.249	2418652.197		
22	D4	85°10'25.67864"	21°51'32.49972"	311289.094	2418343.432		
23	D5	85°10'22.76202"	21°51'29.12400"	311204.120	2418240.600		

LEASE AREA AS PER DGPS SURVEY = 69.0985Ha.

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