

**DGPS Co-ordinates of Reserved Forest's falling under
Keonjhar Forest Division
Barbil - Angul Iron Ore Slurry Pipeline Project
Jindal Steel & Power Ltd.**

Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
	Patch-1 (Thakurani RF)					
1	rf 1a	1	339135.241	2438469.900	85° 26' 28.35701"	22° 02' 36.81717"
2	rf 2a	2	339055.437	2438441.899	85° 26' 25.58385"	22° 02' 35.88030"
3	rf3a	3	339010.167	2438431.236	85° 26' 24.00891"	22° 02' 35.51855"
4	rf4a	4	338991.061	2438433.001	85° 26' 23.34196"	22° 02' 35.56958"
5	rf5a	5	338944.541	2438440.603	85° 26' 21.71690"	22° 02' 35.80130"
6	rf6a	6	338862.685	2438472.169	85° 26' 18.85097"	22° 02' 36.80036"
7	rf 7	7	338846.605	2438479.785	85° 26' 18.28750"	22° 02' 37.04261"
8	rf 8	8	338831.623	2438478.500	85° 26' 17.76546"	22° 02' 36.99586"
9	rf 9	9	338798.023	2438463.449	85° 26' 16.59906"	22° 02' 36.49535"
10	rf 10	10	338760.561	2438437.488	85° 26' 15.30187"	22° 02' 35.63883"
11	rf 11a	11	338636.164	2438362.052	85° 26' 10.99056"	22° 02' 33.14482"
12	rf 12a	12	338585.190	2438328.092	85° 26' 09.22503"	22° 02' 32.02374"
13	rf 13a	13	338513.893	2438295.992	85° 26' 06.75011"	22° 02' 30.95633"
14	rf 14a	14	338462.700	2438270.845	85° 26' 04.97378"	22° 02' 30.12169"
15	rf 15a	15	338419.684	2438256.321	85° 26' 03.47885"	22° 02' 29.63513"
16	rf 16a	16	338390.526	2438250.480	85° 26' 02.46409"	22° 02' 29.43550"
17	rf 17a	17	338383.182	2438250.200	85° 26' 02.20810"	22° 02' 29.42394"
18		18	338383.228	2438249.001	85° 26' 2.2101"	22° 2' 29.384952"
19		19	338390.667	2438249.284	85° 26' 2.469444"	22° 2' 29.396652"
20		20	338419.995	2438255.159	85° 26' 3.49008"	22° 2' 29.59746"
21		21	338463.158	2438269.733	85° 26' 4.990164"	22° 2' 30.085692"
22		22	338514.404	2438294.906	85° 26' 6.768312"	22° 2' 30.92118"
23		23	338585.773	2438327.039	85° 26' 9.245724"	22° 2' 31.98966"
24		24	338636.808	2438361.039	85° 26' 11.01336"	22° 2' 33.112104"
25		25	338761.215	2438436.481	85° 26' 15.325008"	22° 2' 35.606292"
26		26	338798.615	2438462.400	85° 26' 16.620072"	22° 2' 36.4614"
27		27	338831.928	2438477.322	85° 26' 17.7765"	22° 2' 36.957624"
28		28	338846.385	2438478.562	85° 26' 18.280212"	22° 2' 37.002732"
29		29	338862.212	2438471.066	85° 26' 18.834828"	22° 2' 36.764304"
30		30	338944.225	2438439.439	85° 26' 21.706296"	22° 2' 35.763324"
31		31	338990.909	2438431.809	85° 26' 23.33706"	22° 2' 35.5308"
32		32	339010.252	2438430.023	85° 26' 24.012276"	22° 2' 35.47914"
33		33	339055.774	2438440.746	85° 26' 25.595988"	22° 2' 35.842884"
34		34	339135.639	2438468.768	85° 26' 28.371264"	22° 2' 36.780468"
	Patch-2 (Baitarani RF)					
1	rf18a	35	337277.705	2431573.306	85° 25' 26.05729"	21° 58' 51.97456"
2	rf19a	36	337282.918	2431566.591	85° 25' 26.24142"	21° 58' 51.75801"
3	rf20a	37	337296.056	2431549.968	85° 25' 26.70534"	21° 58' 51.22193"
4	rf21a	38	337333.290	2431529.764	85° 25' 28.01051"	21° 58' 50.57752"

Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
5	rf22a	39	337388.165	2431510.090	85° 25' 29.93046"	21° 58' 49.95627"
6	rf23a	40	337442.114	2431496.552	85° 25' 31.81589"	21° 58' 49.53417"
7	rf24a	41	337499.799	2431478.647	85° 25' 33.83315"	21° 58' 48.97132"
8	rf25a	42	337556.009	2431462.105	85° 25' 35.79847"	21° 58' 48.45230"
9	rf26a	43	337589.499	2431455.829	85° 25' 36.96813"	21° 58' 48.25942"
10	rf27a	44	337630.844	2431439.422	85° 25' 38.41525"	21° 58' 47.73981"
11	rf28a	45	337652.584	2431422.503	85° 25' 39.17914"	21° 58' 47.19701"
12	rf29a	46	337682.846	2431388.524	85° 25' 40.24618"	21° 58' 46.10239"
13	rf30a	47	337712.517	2431347.636	85° 25' 41.29512"	21° 58' 44.78294"
14	rf31a	48	337743.524	2431305.599	85° 25' 42.39102"	21° 58' 43.42658"
15	rf32a	49	337751.363	2431289.400	85° 25' 42.67007"	21° 58' 42.90253"
16	rf33a	50	337754.450	2431263.459	85° 25' 42.78694"	21° 58' 42.06014"
17	rf34a	51	337750.641	2431235.734	85° 25' 42.66410"	21° 58' 41.15749"
18	rf35a	52	337736.149	2431193.691	85° 25' 41.68100"	21° 58' 38.51152"
19	53f1	53	337721.605	2431154.649	85° 25' 39.51725"	21° 58' 32.21214"
20	56f4	54	337657.548	2430961.552	85° 25' 39.96890"	21° 58' 33.54978"
21	55f3	55	337670.926	2431002.558	85° 25' 40.42467"	21° 58' 35.13210"
22	54f1	56	337684.500	2431051.087	85° 25' 38.81998"	21° 58' 30.06424"
23	57f	57	337636.868	2430895.700	85° 25' 37.90828"	21° 58' 27.48977"
24	58f	58	337609.903	2430816.793	85° 25' 37.70562"	21° 58' 26.51757"
25	59f	59	337603.782	2430786.953	85° 25' 37.54277"	21° 58' 24.91066"
26	60f	60	337598.603	2430737.582	85° 25' 37.36248"	21° 58' 22.41060"
27	61f	61	337592.641	2430660.747	85° 25' 37.60750"	21° 58' 19.56929"
28	62f	62	337598.772	2430573.292	85° 25' 37.92432"	21° 58' 18.68545"
29	63f	63	337607.581	2430546.017	85° 25' 38.55456"	21° 58' 17.62984"
30	64f	64	337625.326	2430513.366	85° 25' 39.87283"	21° 58' 16.36832"
31	65f	65	337662.744	2430474.181	85° 25' 40.77707"	21° 58' 16.62882"
32		66	337663.612	2430475.009	85° 25' 39.9036"	21° 58' 16.3956"
33		67	337626.304	2430514.079	85° 25' 38.5896"	21° 58' 17.652"
34		68	337608.688	2430546.491	85° 25' 37.9632"	21° 58' 18.6996"
35		69	337599.959	2430573.522	85° 25' 37.65"	21° 58' 19.578"
36		70	337593.844	2430660.742	85° 25' 37.4052"	21° 58' 22.4112"
37		71	337599.798	2430737.473	85° 25' 37.5852"	21° 58' 24.906"
38		72	337604.969	2430786.770	85° 25' 37.7472"	21° 58' 26.5116"
39		73	337611.063	2430816.477	85° 25' 37.9488"	21° 58' 27.48"
40		74	337638.009	2430895.327	85° 25' 38.8596"	21° 58' 30.054"
41		75	337658.691	2430961.186	85° 25' 39.558"	21° 58' 32.1996"
42		76	337672.075	2431002.210	85° 25' 40.008"	21° 58' 33.5388"
43		77	337685.644	2431050.722	85° 25' 40.4652"	21° 58' 35.1192"
44		78	337722.733	2431154.237	85° 25' 41.7216"	21° 58' 38.4996"
45		79	337737.373	2431193.559	85° 25' 42.2184"	21° 58' 39.7812"
46		80	337751.814	2431235.455	85° 25' 42.7044"	21° 58' 41.1492"
47		81	337755.659	2431263.448	85° 25' 42.829104"	21° 58' 42.06018"
48		82	337752.531	2431289.742	85° 25' 42.710628"	21° 58' 42.913992"
49		83	337744.556	2431306.222	85° 25' 42.426732"	21° 58' 43.447152"
50		84	337713.486	2431348.345	85° 25' 41.328624"	21° 58' 44.806296"
51		85	337683.782	2431389.277	85° 25' 40.278504"	21° 58' 46.127172"

Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
52		86	337653.408	2431423.383	85° 25' 39.207504"	21° 58' 47.225856"
53		87	337631.446	2431440.474	85° 25' 38.435844"	21° 58' 47.774208"
54		88	337589.833	2431456.987	85° 25' 36.979356"	21° 58' 48.29718"
55		89	337556.289	2431463.274	85° 25' 35.807808"	21° 58' 48.490356"
56		90	337500.146	2431479.796	85° 25' 33.844836"	21° 58' 49.008756"
57		91	337442.438	2431497.708	85° 25' 31.826748"	21° 58' 49.571832"
58		92	337388.514	2431511.240	85° 25' 29.94222"	21° 58' 49.993752"
59		93	337333.781	2431530.862	85° 25' 28.027236"	21° 58' 50.613384"
60		94	337296.845	2431550.905	85° 25' 26.732496"	21° 58' 51.252636"
61		95	337283.863	2431567.331	85° 25' 26.274072"	21° 58' 51.782376"
62		96	337278.653	2431574.042	85° 25' 26.09004"	21° 58' 51.998772"
Patch-3 (Naibuga RF)						
1	721f	123	335081.788	2415173.333	E85° 24' 15.45252"	N21° 49' 58.03640"
2	723f7	124	335099.852	2415127.159	E85° 24' 16.09818"	N21° 49' 56.54125"
3	719f	125	335105.624	2415085.827	E85° 24' 16.31409"	N21° 49' 55.19938"
4	720f4	126	335112.842	2415018.601	E85° 24' 16.58970"	N21° 49' 53.01614"
5	712f1	127	335159.399	2414574.858	E85° 24' 18.37089"	N21° 49' 38.60462"
6	713f	128	335120.559	2414904.749	E85° 24' 16.89948"	N21° 49' 49.31711"
7	714f3	129	335117.075	2414809.334	E85° 24' 16.81257"	N21° 49' 46.21376"
8	724f3	130	335118.682	2414749.285	E85° 24' 16.89019"	N21° 49' 44.26197"
9	715f1	131	335119.509	2414744.326	E85° 24' 16.92076"	N21° 49' 44.10101"
10	716f3	132	335117.879	2414741.557	E85° 24' 16.86500"	N21° 49' 44.01046"
11	717f	133	335125.999	2414685.653	E85° 24' 17.16790"	N21° 49' 42.19560"
12	718f	134	335124.664	2414656.869	E85° 24' 17.13179"	N21° 49' 41.25931"
13	711f2	135	335159.399	2414574.858	E85° 24' 18.37089"	N21° 49' 38.60462"
14		136	335160.4369	2414575.46	85° 24' 18.4068"	21° 49' 38.6256"
15		137	335125.8749	2414657.086	85° 24' 17.1756"	21° 49' 41.268"
16		138	335127.2029	2414685.716	85° 24' 17.2116"	21° 49' 42.1968"
17		139	335118.7045	2414741.498	85° 24' 16.8948"	21° 49' 44.0076"
18		140	335120.7835	2414743.978	85° 24' 16.9668"	21° 49' 44.0904"
19		141	335119.8799	2414749.4	85° 24' 16.9308"	21° 49' 44.2668"
20		142	335118.2757	2414809.327	85° 24' 16.8552"	21° 49' 46.2144"
21		143	335121.7605	2414904.76	85° 24' 16.9416"	21° 49' 49.3176"
22		144	335117.2243	2414986.709	85° 24' 16.7544"	21° 49' 51.9816"
23		145	335114.0359	2415018.725	85° 24' 16.632"	21° 49' 53.022"
24		146	335106.8149	2415085.974	85° 24' 16.3548"	21° 49' 55.2036"
25		147	335101.0339	2415127.49	85° 24' 16.1388"	21° 49' 56.5536"
26		148	335084.3785	2415170.012	85° 24' 15.5448"	21° 49' 57.9288"
Patch-4 (Tamarakanta PF)						
1	rf49a	97	320259.580	2392919.198	85° 15' 48.02736"	21° 37' 49.32728"
2	rf50a	98	320263.258	2392930.939	85° 15' 48.15070"	21° 37' 49.71033"
3	rf51a	99	320272.956	2392961.102	85° 15' 48.47619"	21° 37' 50.69449"
4	rf52a	100	320273.288	2392965.818	85° 15' 48.48588"	21° 37' 50.84791"
5	rf53a	101	320266.031	2392990.702	85° 15' 48.22390"	21° 37' 51.65428"
6	rf54a	102	320256.704	2393034.364	85° 15' 47.88261"	21° 37' 53.07038"
7	rf55a	103	320256.311	2393041.118	85° 15' 47.86632"	21° 37' 53.28983"
8	rf56a	104	320258.703	2393066.559	85° 15' 47.93959"	21° 37' 54.11780"

Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
9	rf57a	105	320259.612	2393083.416	85° 15' 47.96465"	21° 37' 54.66616"
10	rf58a	106	320262.662	2393095.590	85° 15' 48.06596"	21° 37' 55.06305"
11	rf59a	107	320268.403	2393107.676	85° 15' 48.26090"	21° 37' 55.45807"
12	rf60a	108	320290.907	2393164.682	85° 15' 49.02126"	21° 37' 57.31955"
13	rf61a	109	320295.596	2393174.534	85° 15' 49.18046"	21° 37' 57.64155"
14		110	320260.361	2392917.678	85° 15' 48.055104"	21° 37' 49.278144"
15		111	320264.402	2392930.576	85° 15' 48.190608"	21° 37' 49.698912"
16		112	320274.143	2392960.873	85° 15' 48.517524"	21° 37' 50.687472"
17		113	320274.500	2392965.948	85° 15' 48.527964"	21° 37' 50.852568"
18		114	320267.196	2392990.996	85° 15' 48.264264"	21° 37' 51.664224"
19		115	320257.897	2393034.525	85° 15' 47.923992"	21° 37' 53.076036"
20		116	320257.514	2393041.097	85° 15' 47.908152"	21° 37' 53.289552"
21		117	320259.900	2393066.471	85° 15' 47.981232"	21° 37' 54.115356"
22		118	320260.804	2393083.236	85° 15' 48.006144"	21° 37' 54.66072"
23		119	320263.797	2393095.182	85° 15' 48.105576"	21° 37' 55.050204"
24		120	320269.504	2393107.198	85° 15' 48.299364"	21° 37' 55.442892"
25		121	320292.008	2393164.203	85° 15' 49.05972"	21° 37' 57.30438"
26		122	320297.166	2393175.040	85° 15' 49.23486"	21° 37' 57.658584"