

**DGPS Co-ordinates of Reserved Forest's falling under
Deogarh 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 (Paudi RF)						
1	65m5	1	322945.752	2384732.710	85° 17' 24.55674"	21° 33' 24.14120"
2	66m5	2	322933.895	2384728.541	85° 17' 24.14624"	21° 33' 24.00142"
3	68m1	3	322892.803	2384721.080	85° 17' 22.72099"	21° 33' 23.74421"
4	70m2	4	322878.490	2384717.559	85° 17' 22.22489"	21° 33' 23.62463"
5	71m2	5	322871.893	2384715.541	85° 17' 21.99637"	21° 33' 23.55666"
6	72m	6	322865.416	2384713.168	85° 17' 21.77220"	21° 33' 23.47720"
7	73m2	7	322858.615	2384708.550	85° 17' 21.53760"	21° 33' 23.32461"
8	74m	8	322854.214	2384705.599	85° 17' 21.38575"	21° 33' 23.22711"
9	75M	9	322847.148	2384700.564	85° 17' 21.14210"	21° 33' 23.06091"
10	76M3	10	322844.914	2384699.408	85° 17' 21.06490"	21° 33' 23.02252"
11	77M1	11	322836.528	2384697.255	85° 17' 20.77428"	21° 33' 22.94952"
12	78	12	322796.628	2384691.554	85° 17' 19.389732"	21° 33' 22.749912"
13	79m1	13	322766.148	2384682.544	85° 17' 18.33392"	21° 33' 22.44614"
14	80m1	14	322742.349	2384677.282	85° 17' 17.50882"	21° 33' 22.26656"
15	81m	15	322731.442	2384674.686	85° 17' 17.13072"	21° 33' 22.17826"
16	82m2	16	322723.668	2384670.069	85° 17' 16.86233"	21° 33' 22.02538"
17	84m1	17	322716.431	2384661.784	85° 17' 16.61399"	21° 33' 21.75344"
18	85m	18	322717.391	2384655.156	85° 17' 16.64986"	21° 33' 21.53831"
19	87m2	19	322730.001	2384619.503	85° 17' 17.10173"	21° 33' 20.38367"
20	88m5	20	322734.031	2384600.456	85° 17' 17.24903"	21° 33' 19.76587"
21	89	21	322736.599	2384596.327	85° 17' 17.33985"	21° 33' 19.63252"
22	90m1	22	322748.630	2384586.802	85° 17' 17.76161"	21° 33' 19.32715"
23	91m	23	322755.032	2384581.327	85° 17' 17.98622"	21° 33' 19.15144"
24	92m2	24	322763.212	2384577.543	85° 17' 18.27194"	21° 33' 19.03132"
25	93m1	25	322817.270	2384540.372	85° 17' 20.16482"	21° 33' 17.84215"
26	94	26	322718.047	2384665.027	85° 17' 16.66889"	21° 33' 21.85945"
27	94m	27	322836.473	2384527.056	85° 17' 20.83729"	21° 33' 17.41606"
28	96m1	28	322718.949	2384649.614	85° 17' 16.70612"	21° 33' 21.35868"
29		29	322837.157	2384528.042	85° 17' 20.860656"	21° 33' 17.448336"
30		30	322817.952	2384541.360	85° 17' 20.18814"	21° 33' 17.874468"
31		31	322763.808	2384578.589	85° 17' 18.292236"	21° 33' 19.065528"
32		32	322755.686	2384582.347	85° 17' 18.008556"	21° 33' 19.184796"
33		33	322749.392	2384587.729	85° 17' 17.787732"	21° 33' 19.357524"
34		34	322737.507	2384597.138	85° 17' 17.371104"	21° 33' 19.659204"
35		35	322735.161	2384600.911	85° 17' 17.288124"	21° 33' 19.781028"
36		36	322731.157	2384619.836	85° 17' 17.141784"	21° 33' 20.3949"
37		37	322720.092	2384649.984	85° 17' 16.745676"	21° 33' 21.371076"
38		38	322718.567	2384655.406	85° 17' 16.690632"	21° 33' 21.546828"
39		39	322717.673	2384661.584	85° 17' 16.657188"	21° 33' 21.747384"
40		40	322719.019	2384664.287	85° 17' 16.702944"	21° 33' 21.835728"
41		41	322724.382	2384669.097	85° 17' 16.88748"	21° 33' 21.99402"
42		42	322731.897	2384673.561	85° 17' 17.146968"	21° 33' 22.141836"
43		43	322742.618	2384676.112	85° 17' 17.518596"	21° 33' 22.228596"
44		44	322766.448	2384681.382	85° 17' 18.34476"	21° 33' 22.408416"
45		45	322796.884	2384690.378	85° 17' 19.399092"	21° 33' 22.711788"



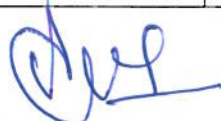
Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
46		46	322836.763	2384696.076	85° 17' 20.78286"	21° 33' 22.911264"
47		47	322845.344	2384698.280	85° 17' 21.080292"	21° 33' 22.985964"
48		48	322847.775	2384699.538	85° 17' 21.16428"	21° 33' 23.02776"
49		49	322854.896	2384704.611	85° 17' 21.409836"	21° 33' 23.195232"
50		50	322859.286	2384707.555	85° 17' 21.561288"	21° 33' 23.292504"
51		51	322865.968	2384712.092	85° 17' 21.79176"	21° 33' 23.442408"
52		52	322872.275	2384714.403	85° 17' 22.010064"	21° 33' 23.519772"
53		53	322878.809	2384716.402	85° 17' 22.236396"	21° 33' 23.587092"
54		54	322893.054	2384719.906	85° 17' 22.730136"	21° 33' 23.706108"
55		55	322934.203	2384727.377	85° 17' 24.157392"	21° 33' 23.963688"
56		56	322946.145	2384731.577	85° 17' 24.570816"	21° 33' 24.104448"
57		57	322995.541	2384748.436	85° 17' 26.281104"	21° 33' 24.670224"
58		58	323013.985	2384755.717	85° 17' 26.919348"	21° 33' 24.913512"

Patch-2 (Paudi RF)

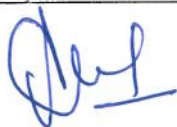
1	95m2	59	322817.777	2384477.223	85° 17' 20.20654"	21° 33' 15.78923"
2	96m3	60	322804.710	2384476.122	85° 17' 19.75283"	21° 33' 15.74878"
3	97m	61	322764.935	2384474.157	85° 17' 18.37125"	21° 33' 15.67072"
4	98m3	62	322753.622	2384473.109	85° 17' 17.97851"	21° 33' 15.63259"
5	99m2	63	322741.665	2384467.825	85° 17' 17.56497"	21° 33' 15.45654"
6	100m1	64	322737.310	2384462.978	85° 17' 17.41545"	21° 33' 15.29740"
7	101m3	65	322733.185	2384453.023	85° 17' 17.27590"	21° 33' 14.97226"
8	102m4	66	322732.724	2384449.431	85° 17' 17.26124"	21° 33' 14.85534"
9	103m2	67	322734.038	2384442.588	85° 17' 17.30953"	21° 33' 14.63332"
10	104m1	68	322746.687	2384413.778	85° 17' 17.76011"	21° 33' 13.70118"
11	105m	69	322761.361	2384385.811	85° 17' 18.28076"	21° 33' 12.79715"
12	106m1	70	322772.106	2384368.360	85° 17' 18.66086"	21° 33' 12.23363"
13	107m1	71	322775.755	2384363.356	85° 17' 18.78958"	21° 33' 12.07226"
14		72	322776.725	2384364.064	85° 17' 18.822984"	21° 33' 12.095568"
15		73	322773.104	2384369.029	85° 17' 18.695256"	21° 33' 12.255732"
16		74	322762.405	2384386.405	85° 17' 18.316788"	21° 33' 12.816828"
17		75	322747.769	2384414.299	85° 17' 17.797488"	21° 33' 13.718484"
18		76	322735.191	2384442.947	85° 17' 17.349432"	21° 33' 14.645376"
19		77	322733.938	2384449.469	85° 17' 17.303424"	21° 33' 14.856984"
20		78	322734.355	2384452.711	85° 17' 17.316672"	21° 33' 14.962536"
21		79	322738.340	2384462.329	85° 17' 17.451492"	21° 33' 15.276636"
22		80	322742.386	2384466.832	85° 17' 17.59038"	21° 33' 15.424488"
23		81	322753.928	2384471.932	85° 17' 17.989584"	21° 33' 15.594408"
24		82	322765.020	2384472.960	85° 17' 18.37464"	21° 33' 15.631812"
25		83	322804.790	2384474.924	85° 17' 19.756032"	21° 33' 15.70986"
26		84	322817.878	2384476.027	85° 17' 20.210496"	21° 33' 15.75036"

Patch-3 (Paudi RF)

1	108m	85	322766.527	2384335.418	85° 17' 18.47952"	21° 33' 11.16065"
2	109m13	86	322749.080	2384337.864	85° 17' 17.87223"	21° 33' 11.23395"
3	110m2	87	322740.927	2384340.197	85° 17' 17.58801"	21° 33' 11.30689"
4	111m	88	322711.666	2384353.545	85° 17' 16.56601"	21° 33' 11.73041"
5	112m2	89	322676.571	2384363.350	85° 17' 15.34260"	21° 33' 12.03664"
6	113m1	90	322646.543	2384370.650	85° 17' 14.29626"	21° 33' 12.26325"
7	114m2	91	322641.178	2384371.307	85° 17' 14.10953"	21° 33' 12.28271"
8	115m2	92	322623.218	2384380.375	85° 17' 13.48191"	21° 33' 12.57112"
9	116m	93	322607.667	2384392.923	85° 17' 12.93667"	21° 33' 12.97350"
10	117m1	94	322599.886	2384400.342	85° 17' 12.66342"	21° 33' 13.21193"
11	118m2	95	322582.635	2384414.367	85° 17' 12.05854"	21° 33' 13.66175"
12	119m1	96	322575.448	2384418.462	85° 17' 11.80721"	21° 33' 13.79230"



Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
13	121m	97	322564.485	2384420.555	85° 17' 11.42541"	21° 33' 13.85643"
14	121m1	98	322550.569	2384417.537	85° 17' 10.94292"	21° 33' 13.75334"
15	122m6	99	322543.658	2384414.127	85° 17' 10.70404"	21° 33' 13.64002"
16	123m	100	322539.189	2384410.414	85° 17' 10.55016"	21° 33' 13.51771"
17	124m	101	322532.638	2384402.679	85° 17' 10.32545"	21° 33' 13.26388"
18	125	102	322514.063	2384370.531	85° 17' 09.69217"	21° 33' 12.21207"
19	127	103	322520.821	2384373.588	85° 17' 09.92588"	21° 33' 12.31386"
20	128a	104	322525.256	2384379.819	85° 17' 10.07761"	21° 33' 12.51802"
21	129a1	105	322488.108	2384358.249	85° 17' 08.79487"	21° 33' 11.80348"
22	130m1	106	322456.922	2384339.397	85° 17' 07.71825"	21° 33' 11.17942"
23	132m	107	322449.842	2384331.514	85° 17' 07.47521"	21° 33' 10.92061"
24	134m	108	322447.240	2384318.786	85° 17' 07.38964"	21° 33' 10.50585"
25	136m4	109	322451.448	2384308.110	85° 17' 07.53997"	21° 33' 10.16028"
26	137m4	110	322459.524	2384299.617	85° 17' 07.82388"	21° 33' 09.88705"
27	138m	111	322483.609	2384282.993	85° 17' 08.66725"	21° 33' 09.35519"
28	139m2	112	322529.396	2384251.213	85° 17' 10.27062"	21° 33' 08.33832"
29	140m3	113	322534.041	2384247.454	85° 17' 10.43350"	21° 33' 08.21776"
30	141m1	114	322535.657	2384244.015	85° 17' 10.49098"	21° 33' 08.10653"
31	142m2	115	322536.557	2384239.949	85° 17' 10.52381"	21° 33' 07.97468"
32	143m3	116	322535.518	2384235.040	85° 17' 10.48955"	21° 33' 07.81469"
33	144m	117	322537.817	2384227.308	85° 17' 10.57240"	21° 33' 07.56415"
34	145m1	118	322538.018	2384221.812	85° 17' 10.58151"	21° 33' 07.38554"
35	146	119	322541.217	2384210.562	85° 17' 10.69698"	21° 33' 07.02093"
36	148m1	120	322573.987	2384162.145	85° 17' 11.85431"	21° 33' 05.45853"
37	149f1	121	322577.970	2384156.788	85° 17' 11.99478"	21° 33' 05.28577"
38	150m3	122	322578.731	2384154.640	85° 17' 12.02205"	21° 33' 05.21621"
39	151m	123	322579.502	2384151.246	85° 17' 12.05013"	21° 33' 05.10615"
40	152m3	124	322579.037	2384146.284	85° 17' 12.03587"	21° 33' 04.94465"
41	153m	125	322577.898	2384137.470	85° 17' 11.99966"	21° 33' 04.65770"
42	154m	126	322563.603	2384088.829	85° 17' 11.52143"	21° 33' 03.07119"
43	155m7	127	322561.395	2384079.042	85° 17' 11.44844"	21° 33' 02.75220"
44	rf156a1	128	322562.402	2384070.999	85° 17' 11.48650"	21° 33' 02.49109"
45	rf157a1	129	322563.084	2384064.270	85° 17' 11.51279"	21° 33' 02.27256"
46	rf158a1	130	322565.260	2384055.965	85° 17' 11.59159"	21° 33' 02.00330"
47	rf159a	131	322573.323	2384044.371	85° 17' 11.87622"	21° 33' 01.62927"
48	rf160a	132	322588.948	2384034.995	85° 17' 12.42280"	21° 33' 01.33001"
49	rf161a	133	322618.493	2384011.853	85° 17' 13.45840"	21° 33' 00.58818"
50		134	322619.233	2384012.798	85° 17' 13.483752"	21° 33' 0.619128"
51		135	322589.629	2384035.986	85° 17' 12.446088"	21° 33' 1.362456"
52		136	322574.161	2384045.268	85° 17' 11.904972"	21° 33' 1.6587"
53		137	322566.367	2384056.475	85° 17' 11.629824"	21° 33' 2.020248"
54		138	322564.269	2384064.484	85° 17' 11.553864"	21° 33' 2.279916"
55		139	322563.594	2384071.135	85° 17' 11.527872"	21° 33' 2.49588"
56		140	322562.612	2384078.983	85° 17' 11.49072"	21° 33' 2.750688"
57		141	322564.765	2384088.528	85° 17' 11.561928"	21° 33' 3.0618"
58		142	322579.076	2384137.223	85° 17' 12.040692"	21° 33' 4.650048"
59		143	322580.230	2384146.151	85° 17' 12.07734"	21° 33' 4.940748"
60		144	322580.715	2384151.325	85° 17' 12.092244"	21° 33' 5.10912"
61		145	322579.886	2384154.974	85° 17' 12.06204"	21° 33' 5.227488"
62		146	322579.041	2384157.359	85° 17' 12.031764"	21° 33' 5.304708"
63		147	322574.966	2384162.840	85° 17' 11.888052"	21° 33' 5.481432"
64		148	322542.319	2384211.076	85° 17' 10.735044"	21° 33' 7.038"
65		149	322539.212	2384222.001	85° 17' 10.622904"	21° 33' 7.392096"



Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
66		150	322539.010	2384227.504	85° 17' 10.613796"	21° 33' 7.570944"
67		151	322536.755	2384235.089	85° 17' 10.532508"	21° 33' 7.816716"
68		152	322537.785	2384239.955	85° 17' 10.566456"	21° 33' 7.975296"
69		153	322536.800	2384244.404	85° 17' 10.530528"	21° 33' 8.119584"
70		154	322535.010	2384248.213	85° 17' 10.466844"	21° 33' 8.242776"
71		155	322530.116	2384252.173	85° 17' 10.295268"	21° 33' 8.369784"
72		156	322484.292	2384283.980	85° 17' 8.690604"	21° 33' 9.387504"
73		157	322460.308	2384300.534	85° 17' 7.85076"	21° 33' 9.917136"
74		158	322452.539	2384308.704	85° 17' 7.577628"	21° 33' 10.179972"
75		159	322448.563	2384318.910	85° 17' 7.435572"	21° 33' 10.51038"
76		160	322451.064	2384330.985	85° 17' 7.517868"	21° 33' 10.903824"
77		161	322457.769	2384338.507	85° 17' 7.748016"	21° 33' 11.150748"
78		162	322488.677	2384357.191	85° 17' 8.81502"	21° 33' 11.769264"
79		163	322514.567	2384369.442	85° 17' 9.710088"	21° 33' 12.17682"
80		164	322521.611	2384372.628	85° 17' 9.953664"	21° 33' 12.282912"
81		165	322526.341	2384379.274	85° 17' 10.11552"	21° 33' 12.500676"
82		166	322533.707	2384402.084	85° 17' 10.362804"	21° 33' 13.244904"
83		167	322540.037	2384409.558	85° 17' 10.57992"	21° 33' 13.490172"
84		168	322544.316	2384413.114	85° 17' 10.727268"	21° 33' 13.60728"
85		169	322550.967	2384416.396	85° 17' 10.9572"	21° 33' 13.71636"
86		170	322564.501	2384419.330	85° 17' 11.426388"	21° 33' 13.816584"
87		171	322575.027	2384417.320	85° 17' 11.793012"	21° 33' 13.755024"
88		172	322581.955	2384413.374	85° 17' 12.035256"	21° 33' 13.629204"
89		173	322599.092	2384399.441	85° 17' 12.636168"	21° 33' 13.182336"
90		174	322606.875	2384392.020	85° 17' 12.90948"	21° 33' 12.943836"
91		175	322622.564	2384379.362	85° 17' 13.459524"	21° 33' 12.5379"
92		176	322640.824	2384370.142	85° 17' 14.09766"	21° 33' 12.24468"
93		177	322646.328	2384369.467	85° 17' 14.289216"	21° 33' 12.2247"
94		178	322676.268	2384362.189	85° 17' 15.332496"	21° 33' 11.998764"
95		179	322711.253	2384352.415	85° 17' 16.552068"	21° 33' 11.693484"
96		180	322740.511	2384339.068	85° 17' 17.573964"	21° 33' 11.270016"
97		181	322748.830	2384336.688	85° 17' 17.86398"	21° 33' 11.195604"
98		182	322766.360	2384334.230	85° 17' 18.47418"	21° 33' 11.121948"

Patch-4 (Paudi RF)

1	rf162a	183	322599.419	2383990.965	85° 17' 12.80349"	21° 32' 59.90227"
2	rf163a	184	322582.729	2383985.924	85° 17' 12.22541"	21° 32' 59.73243"
3	rf164a1	185	322529.122	2383978.853	85° 17' 10.36512"	21° 32' 59.48338"
4	rf165a	186	322521.905	2383978.992	85° 17' 10.11427"	21° 32' 59.48529"
5	rf166a	187	322514.713	2383981.624	85° 17' 09.86331"	21° 32' 59.56831"
6	rf167a	188	322493.379	2383994.481	85° 17' 09.11703"	21° 32' 59.97868"
7	rf168a2	189	322485.498	2383996.925	85° 17' 08.84220"	21° 33' 00.05532"
8	rf169a2	190	322476.835	2383996.867	85° 17' 08.54115"	21° 33' 00.05035"
9	rf170a	191	322471.941	2383997.665	85° 17' 08.37079"	21° 33' 00.07453"
10	rf171a	192	322466.292	2383996.482	85° 17' 08.17491"	21° 33' 00.03407"
11	rf172a	193	322459.276	2383994.305	85° 17' 07.93191"	21° 32' 59.96077"
12	rf174a2	194	322439.218	2383985.520	85° 17' 07.23821"	21° 32' 59.66798"
13	rf176a3	195	322404.523	2383994.668	85° 17' 06.02897"	21° 32' 59.95299"
14	rf177a	196	322379.718	2383990.356	85° 17' 05.16859"	21° 32' 59.80396"
15	rf178a2	197	322362.673	2383986.200	85° 17' 04.57784"	21° 32' 59.66273"
16	rf179a2	198	322340.236	2383956.344	85° 17' 03.80952"	21° 32' 58.68405"
17	rf180a	199	322347.041	2383928.518	85° 17' 04.05665"	21° 32' 57.78181"
18	rf181a1	200	322348.743	2383899.274	85° 17' 04.12694"	21° 32' 56.83166"
19	rf182a1	201	322326.316	2383848.625	85° 17' 03.36694"	21° 32' 55.17696"



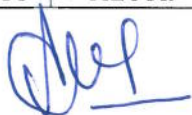
Authorised Signatory
Anurag Tripathy

AGM-Slurry Pipeline Project
Jindal Steel & Power Limited,
Angul Odisha

Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
20	rf183a	202	322329.772	2383837.438	85° 17' 03.49133"	21° 32' 54.81448"
21	rf184a	203	322333.899	2383826.687	85° 17' 03.63885"	21° 32' 54.46643"
22	rf185a1	204	322338.808	2383820.319	85° 17' 03.81187"	21° 32' 54.26113"
23	rf186a1	205	322389.508	2383784.202	85° 17' 05.58761"	21° 32' 53.10504"
24	rf187a4	206	322403.018	2383778.250	85° 17' 06.05938"	21° 32' 52.91637"
25	rf188a1	207	322418.321	2383770.942	85° 17' 06.59400"	21° 32' 52.68426"
26	rf189a2	208	322458.357	2383766.254	85° 17' 07.98712"	21° 32' 52.54616"
27	rf190a2	209	322569.096	2383717.201	85° 17' 11.85424"	21° 32' 50.99092"
28	rf191a1	210	322585.674	2383705.171	85° 17' 12.43496"	21° 32' 50.60572"
29		211	322586.379	2383706.142	85° 17' 12.459048"	21° 32' 50.637516"
30		212	322569.698	2383718.246	85° 17' 11.874732"	21° 32' 51.025128"
31		213	322458.677	2383767.425	85° 17' 7.997784"	21° 32' 52.584324"
32		214	322418.659	2383772.111	85° 17' 6.605268"	21° 32' 52.722348"
33		215	322403.518	2383779.340	85° 17' 6.076356"	21° 32' 52.951992"
34		216	322390.104	2383785.250	85° 17' 5.607924"	21° 32' 53.139336"
35		217	322339.649	2383821.192	85° 17' 3.840756"	21° 32' 54.289824"
36		218	322334.956	2383827.281	85° 17' 3.675372"	21° 32' 54.486096"
37		219	322330.907	2383837.830	85° 17' 3.530616"	21° 32' 54.827628"
38		220	322327.595	2383848.550	85° 17' 3.41142"	21° 32' 55.174956"
39		221	322349.957	2383899.054	85° 17' 4.16922"	21° 32' 56.824908"
40		222	322348.233	2383928.697	85° 17' 4.097976"	21° 32' 57.788052"
41		223	322341.537	2383956.077	85° 17' 3.854796"	21° 32' 58.675812"
42		224	322363.375	2383985.136	85° 17' 4.602624"	21° 32' 59.628372"
43		225	322379.963	2383989.181	85° 17' 5.177544"	21° 32' 59.76582"
44		226	322404.470	2383993.440	85° 17' 6.027576"	21° 32' 59.91306"
45		227	322439.316	2383984.253	85° 17' 7.242108"	21° 32' 59.626824"
46		228	322459.696	2383993.179	85° 17' 7.946916"	21° 32' 59.924292"
47		229	322466.594	2383995.319	85° 17' 8.185812"	21° 32' 59.996364"
48		230	322471.969	2383996.444	85° 17' 8.372184"	21° 33' 0.034848"
49		231	322476.742	2383995.666	85° 17' 8.53836"	21° 33' 0.011268"
50		232	322485.320	2383995.724	85° 17' 8.83644"	21° 33' 0.0162"
51		233	322492.885	2383993.378	85° 17' 9.100248"	21° 32' 59.942616"
52		234	322514.192	2383980.537	85° 17' 9.845628"	21° 32' 59.532756"
53		235	322521.681	2383977.796	85° 17' 10.106952"	21° 32' 59.44632"
54		236	322529.189	2383977.652	85° 17' 10.367916"	21° 32' 59.444304"
55		237	322582.983	2383984.748	85° 17' 12.23466"	21° 32' 59.694252"
56		238	322599.766	2383989.816	85° 17' 12.815988"	21° 32' 59.865036"
57		239	322611.848	2383991.363	85° 17' 13.23528"	21° 32' 59.919612"
58		240	322611.696	2383992.553	85° 17' 13.22952"	21° 32' 59.958276"

Patch-5 (Paudi RF)

1	rf193a	241	322592.338	2383472.368	85° 17' 12.75538"	21° 32' 43.03930"
2	rf195a2	242	322518.605	2383381.394	85° 17' 10.22782"	21° 32' 40.05527"
3	rf194a1	243	322430.882	2383296.699	85° 17' 07.21171"	21° 32' 37.27035"
4	rf195a	244	322412.082	2383264.177	85° 17' 06.57082"	21° 32' 36.20627"
5	rf197a	245	322339.154	2383204.514	85° 17' 04.05929"	21° 32' 34.24047"
6	rf198a2	246	322320.687	2383197.734	85° 17' 03.42016"	21° 32' 34.01344"
7	rf199a	247	322294.913	2383185.429	85° 17' 02.52919"	21° 32' 33.60418"
8	rf200a1	248	322272.854	2383186.039	85° 17' 01.76240"	21° 32' 33.61610"
9	rf201a1	249	322267.700	2383188.014	85° 17' 01.58254"	21° 32' 33.67848"
10	rf202a	250	322266.729	2383196.739	85° 17' 01.54547"	21° 32' 33.96179"
11	rf203a	251	322267.865	2383224.486	85° 17' 01.57432"	21° 32' 34.86431"
12	rf204a	252	322208.645	2383258.406	85° 16' 59.50341"	21° 32' 35.94591"
13	rf205a	253	322194.387	2383255.362	85° 16' 59.00910"	21° 32' 35.84183"



Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
14	rf207a	254	322145.537	2383220.612	85° 16' 57.32480"	21° 32' 34.69460"
15	rf208a4	255	322122.641	2383202.325	85° 16' 56.53617"	21° 32' 34.09185"
16	rf209a1	256	322075.717	2383185.601	85° 16' 54.91194"	21° 32' 33.53133"
17	rf210a	257	322050.175	2383180.321	85° 16' 54.02634"	21° 32' 33.35051"
18	rf211a	258	322031.706	2383180.506	85° 16' 53.38446"	21° 32' 33.34993"
19	rf212a2	259	322018.485	2383176.197	85° 16' 52.92670"	21° 32' 33.20507"
20	rf213a2	260	322004.123	2383168.645	85° 16' 52.43050"	21° 32' 32.95440"
21	rf214a2	261	321995.407	2383157.682	85° 16' 52.13178"	21° 32' 32.59488"
22	rf215a	262	321996.324	2383136.575	85° 16' 52.17175"	21° 32' 31.90898"
23	rf216a	263	322008.729	2383061.335	85° 16' 52.63164"	21° 32' 29.46726"
24	rf217a2	264	322018.471	2383018.879	85° 16' 52.98643"	21° 32' 28.09044"
25	rf218a	265	322047.008	2382964.689	85° 16' 53.99884"	21° 32' 26.33885"
26	rf219a	266	322077.662	2382913.684	85° 16' 55.08357"	21° 32' 24.69156"
27	rf220a	267	322106.629	2382856.062	85° 16' 56.11225"	21° 32' 22.82857"
28	rf221a1	268	322163.390	2382793.467	85° 16' 58.10863"	21° 32' 20.81381"
29	rf222a	269	322216.072	2382751.104	85° 16' 59.95551"	21° 32' 19.45537"
30	rf223a1	270	322253.113	2382726.490	85° 17' 01.25207"	21° 32' 18.66838"
31	224a5	271	322345.639	2382657.184	85° 17' 04.49378"	21° 32' 16.44821"
32	225a1	272	322353.618	2382645.116	85° 17' 04.77569"	21° 32' 16.05873"
33	226a1	273	322362.003	2382625.282	85° 17' 05.07464"	21° 32' 15.41690"
34	227a	274	322384.692	2382572.183	85° 17' 05.88334"	21° 32' 13.69865"
35	228a5	275	322416.958	2382516.445	85° 17' 07.02584"	21° 32' 11.89805"
36	229a1	276	322443.943	2382486.901	85° 17' 07.97485"	21° 32' 10.94717"
37	230a1	277	322478.410	2382455.479	85° 17' 09.18454"	21° 32' 09.93792"
38	231a	278	322499.125	2382435.140	85° 17' 09.91211"	21° 32' 09.28404"
39	232m	279	322522.191	2382381.630	85° 17' 10.73406"	21° 32' 07.55258"
40	233m	280	322555.785	2382324.294	85° 17' 11.92328"	21° 32' 05.70050"
41	234m	281	322574.253	2382268.077	85° 17' 12.58648"	21° 32' 03.87937"
42	235m	282	322612.881	2382129.430	85° 17' 13.98163"	21° 31' 59.38553"
43	136f	283	322637.428	2382083.991	85° 17' 14.85192"	21° 31' 57.91696"
44	138a	284	322649.480	2382047.076	85° 17' 15.28480"	21° 31' 56.72112"
45	139	285	322654.301	2381965.472	85° 17' 15.48343"	21° 31' 54.06976"
46	244	286	322658.175	2381954.640	85° 17' 15.62217"	21° 31' 53.71896"
47	240a	287	322694.503	2381915.122	85° 17' 16.89958"	21° 31' 52.44712"
48	241a4	288	322708.683	2381880.523	85° 17' 17.40549"	21° 31' 51.32732"
49	242a3	289	322707.350	2381867.497	85° 17' 17.36411"	21° 31' 50.90334"
50	243a3	290	322700.665	2381844.568	85° 17' 17.14058"	21° 31' 50.15549"
51	244a3	291	322693.850	2381809.346	85° 17' 16.91718"	21° 31' 49.00793"
52		292	322695.028	2381809.118	85° 17' 16.958184"	21° 31' 49.000908"
53		293	322701.833	2381844.286	85° 17' 17.18124"	21° 31' 50.146716"
54		294	322708.532	2381867.266	85° 17' 17.405268"	21° 31' 50.896236"
55		295	322709.908	2381880.700	85° 17' 17.447964"	21° 31' 51.333492"
56		296	322695.532	2381915.776	85° 17' 16.935072"	21° 31' 52.468716"
57		297	322659.223	2381955.273	85° 17' 15.658332"	21° 31' 53.739912"
58		298	322655.489	2381965.715	85° 17' 15.524592"	21° 31' 54.07806"
59		299	322650.669	2382047.302	85° 17' 15.326016"	21° 31' 56.728848"
60		300	322638.535	2382084.466	85° 17' 14.8902"	21° 31' 57.932796"
61		301	322614.000	2382129.882	85° 17' 14.020332"	21° 31' 59.400588"
62		302	322575.401	2382268.425	85° 17' 12.626232"	21° 32' 3.891084"
63		303	322556.885	2382324.790	85° 17' 11.961312"	21° 32' 5.717004"
64		304	322523.264	2382382.173	85° 17' 10.771116"	21° 32' 7.570608"
65		305	322500.134	2382435.831	85° 17' 9.946896"	21° 32' 9.306852"
66		306	322479.235	2382456.351	85° 17' 9.212856"	21° 32' 9.966552"



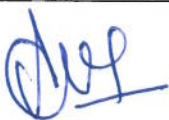
Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
67		307	322444.792	2382487.751	85° 17' 8.004012"	21° 32' 10.975092"
68		308	322417.931	2382517.158	85° 17' 7.059372"	21° 32' 11.921568"
69		309	322385.767	2382572.721	85° 17' 5.920476"	21° 32' 13.716528"
70		310	322363.108	2382625.752	85° 17' 5.112816"	21° 32' 15.43254"
71		311	322354.681	2382645.686	85° 17' 4.81236"	21° 32' 16.077588"
72		312	322346.525	2382658.019	85° 17' 4.524252"	21° 32' 16.475676"
73		313	322253.805	2382727.471	85° 17' 1.275756"	21° 32' 18.700512"
74		314	322216.782	2382752.073	85° 16' 59.979792"	21° 32' 19.487112"
75		315	322164.216	2382794.343	85° 16' 58.136952"	21° 32' 20.842548"
76		316	322107.628	2382856.747	85° 16' 56.146692"	21° 32' 22.851168"
77		317	322078.713	2382914.263	85° 16' 55.119864"	21° 32' 24.710748"
78		318	322048.054	2382965.278	85° 16' 54.034932"	21° 32' 26.35836"
79		319	322019.606	2383019.300	85° 16' 53.025672"	21° 32' 28.104504"
80		320	322009.907	2383061.567	85° 16' 52.672476"	21° 32' 29.475204"
81		321	321997.520	2383136.699	85° 16' 52.213224"	21° 32' 31.913412"
82		322	321996.625	2383157.286	85° 16' 52.174272"	21° 32' 32.582436"
83		323	322004.905	2383167.700	85° 16' 52.458024"	21° 32' 32.923968"
84		324	322018.954	2383175.087	85° 16' 52.943376"	21° 32' 33.169164"
85		325	322031.891	2383179.305	85° 16' 53.391324"	21° 32' 33.310896"
86		326	322050.292	2383179.120	85° 16' 54.030828"	21° 32' 33.311472"
87		327	322076.042	2383184.443	85° 16' 54.923628"	21° 32' 33.493776"
88		328	322123.233	2383201.262	85° 16' 56.557128"	21° 32' 34.0575"
89		329	322146.259	2383219.654	85° 16' 57.35028"	21° 32' 34.663668"
90		330	322194.880	2383254.240	85° 16' 59.026656"	21° 32' 35.805516"
91		331	322208.447	2383257.137	85° 16' 59.496996"	21° 32' 35.904552"
92		332	322266.636	2383223.807	85° 17' 1.53186"	21° 32' 34.84176"
93		333	322265.527	2383196.697	85° 17' 1.503672"	21° 32' 33.959976"
94		334	322266.588	2383187.155	85° 17' 1.544208"	21° 32' 33.650124"
95		335	322272.616	2383184.845	85° 17' 1.754556"	21° 32' 33.577188"
96		336	322295.169	2383184.222	85° 17' 2.538528"	21° 32' 33.564984"
97		337	322321.154	2383196.627	85° 17' 3.436764"	21° 32' 33.97758"
98		338	322339.757	2383203.457	85° 17' 4.08066"	21° 32' 34.206324"
99		339	322413.012	2383263.386	85° 17' 6.603396"	21° 32' 36.180888"
100		340	322431.837	2383295.953	85° 17' 7.245168"	21° 32' 37.246416"
101		341	322519.492	2383380.582	85° 17' 10.258908"	21° 32' 40.029144"
102		342	322593.270	2383471.612	85° 17' 12.788052"	21° 32' 43.015056"

Patch-6 (Paudi RF)

1	245	343	322628.833	2380739.910	85° 17' 15.06564"	21° 31' 14.21555"
2	246	344	322614.501	2380731.678	85° 17' 14.57080"	21° 31' 13.94282"
3	247m	345	322556.061	2380682.535	85° 17' 12.55901"	21° 31' 12.32423"
4	248m	346	322508.323	2380651.405	85° 17' 10.91221"	21° 31' 11.29511"
5	rf249a	347	322412.354	2380573.295	85° 17' 07.60757"	21° 31' 08.72139"
6	rf250a	348	322373.461	2380546.880	85° 17' 06.26629"	21° 31' 07.84868"
7	rf251a	349	322357.471	2380540.099	85° 17' 05.71330"	21° 31' 07.62251"
8		350	322357.939	2380538.994	85° 17' 5.73"	21° 31' 7.58676"
9		351	322374.038	2380545.821	85° 17' 6.28674"	21° 31' 7.81446"
10		352	322413.072	2380572.332	85° 17' 7.632852"	21° 31' 8.690304"
11		353	322509.031	2380650.434	85° 17' 10.937184"	21° 31' 11.2638"
12		354	322556.777	2380681.570	85° 17' 12.584256"	21° 31' 12.293076"
13		355	322615.191	2380730.691	85° 17' 14.595144"	21° 31' 13.910952"
14		356	322629.431	2380738.869	85° 17' 15.086796"	21° 31' 14.181924"

Patch-7 (Paudi RF)

1	rf252a	357	322120.630	2380570.663	85° 16' 57.47261"	21° 31' 08.53159"
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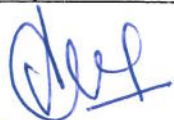
Anurag Tripathy

AGM-Slurry Pipeline Project

Jindal Steel & Power Limited

Angul Odisha

Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
2	rf253a	358	322108.544	2380577.096	85° 16' 57.05021"	21° 31' 08.73639"
3	rf254a	359	322078.886	2380600.173	85° 16' 56.01093"	21° 31' 09.47607"
4	rf255a	360	322051.875	2380617.089	85° 16' 55.06597"	21° 31' 10.01636"
5	rf256a	361	322036.392	2380624.139	85° 16' 54.52531"	21° 31' 10.24005"
6	rf257a	362	322025.104	2380627.406	85° 16' 54.13187"	21° 31' 10.34221"
7	rf258a	363	322009.313	2380627.305	85° 16' 53.58324"	21° 31' 10.33328"
8	rf259a	364	322000.140	2380618.561	85° 16' 53.26785"	21° 31' 10.04572"
9	rf260a	365	321991.370	2380591.903	85° 16' 52.97333"	21° 31' 09.17589"
10	rf261a	366	321977.057	2380564.494	85° 16' 52.48651"	21° 31' 08.27965"
11	rf262a	367	321952.155	2380543.404	85° 16' 51.62938"	21° 31' 07.58509"
12	rf263a2	368	321922.904	2380523.985	85° 16' 50.62049"	21° 31' 06.94326"
13	rf264a	369	321859.984	2380491.324	85° 16' 48.44681"	21° 31' 05.85887"
14	rf264a2	370	321885.968	2380507.348	85° 16' 49.34352"	21° 31' 06.38915"
15	rf266a1	371	321822.650	2380455.100	85° 16' 47.16353"	21° 31' 04.66779"
16	rf267a3	372	321812.934	2380446.311	85° 16' 46.82932"	21° 31' 04.37859"
17		373	321813.739	2380445.421	85° 16' 46.857612"	21° 31' 4.349928"
18		374	321823.471	2380454.224	85° 16' 47.192376"	21° 31' 4.639584"
19		375	321860.725	2380490.371	85° 16' 48.472932"	21° 31' 5.82816"
20		376	321886.532	2380506.286	85° 16' 49.3635"	21° 31' 6.354804"
21		377	321923.487	2380522.931	85° 16' 50.641104"	21° 31' 6.909204"
22		378	321952.877	2380542.443	85° 16' 51.654828"	21° 31' 7.554072"
23		379	321978.012	2380563.730	85° 16' 52.51998"	21° 31' 8.255136"
24		380	321992.479	2380591.434	85° 16' 53.012028"	21° 31' 9.16104"
25		381	322001.186	2380617.900	85° 16' 53.30442"	21° 31' 10.024572"
26		382	322009.797	2380626.108	85° 16' 53.600484"	21° 31' 10.294536"
27		383	322024.938	2380626.205	85° 16' 54.126516"	21° 31' 10.303068"
28		384	322035.975	2380623.011	85° 16' 54.511212"	21° 31' 10.203204"
29		385	322051.306	2380616.029	85° 16' 55.046568"	21° 31' 9.981696"
30		386	322078.197	2380599.189	85° 16' 55.987356"	21° 31' 9.443784"
31		387	322107.889	2380576.085	85° 16' 57.027828"	21° 31' 8.7033"
32		388	322120.066	2380569.604	85° 16' 57.45342"	21° 31' 8.496912"
Patch-8 (Paudi RF)						
1	rf269a	389	321555.164	2380433.718	85° 16' 37.87802"	21° 31' 03.87678"
2	rf270a	390	321539.182	2380424.781	85° 16' 37.32616"	21° 31' 03.58048"
3	271m	391	321520.189	2380404.215	85° 16' 36.67415"	21° 31' 02.90504"
4	272m	392	321506.958	2380378.154	85° 16' 36.22441"	21° 31' 02.05301"
5	273m4	393	321501.544	2380356.974	85° 16' 36.04444"	21° 31' 01.36249"
6		394	321502.707	2380356.677	85° 16' 36.084936"	21° 31' 1.353216"
7		395	321508.088	2380377.729	85° 16' 36.26382"	21° 31' 2.039556"
8		396	321521.184	2380403.523	85° 16' 36.70896"	21° 31' 2.882892"
9		397	321539.934	2380423.827	85° 16' 37.35264"	21° 31' 3.54972"
10		398	321555.750	2380432.671	85° 16' 37.89876"	21° 31' 3.842904"
Patch-9 (Paudi RF)						
11	274	399	321268.179	2380138.043	85° 16' 28.02034"	21° 30' 54.16090"
12	rf275m1	400	321259.577	2380132.877	85° 16' 27.72348"	21° 30' 53.98988"
13	rf276m	401	321227.598	2380124.975	85° 16' 26.61544"	21° 30' 53.72148"
14	rf277m1	402	321212.891	2380123.735	85° 16' 26.10494"	21° 30' 53.67587"
15	rf193a1	403	321175.954	2380133.692	85° 16' 24.81776"	21° 30' 53.98633"
16	rf280a1	404	321145.892	2380134.639	85° 16' 23.77296"	21° 30' 54.00629"
17	rf281a4	405	321118.431	2380127.995	85° 16' 22.82138"	21° 30' 53.78044"
18	rf282a3	406	321078.443	2380108.401	85° 16' 21.43957"	21° 30' 53.12902"
19		407	321078.971	2380107.324	85° 16' 21.458316"	21° 30' 53.094168"
20		408	321118.841	2380126.860	85° 16' 22.836036"	21° 30' 53.743644"



Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
21		409	321146.017	2380133.434	85° 16' 23.777724"	21° 30' 53.967168"
22		410	321175.776	2380132.497	85° 16' 24.81204"	21° 30' 53.947404"
23		411	321212.782	2380122.521	85° 16' 26.101596"	21° 30' 53.636364"
24		412	321227.794	2380123.787	85° 16' 26.62266"	21° 30' 53.682912"
25		413	321260.040	2380131.756	85° 16' 27.739992"	21° 30' 53.95356"
26		414	321268.796	2380137.014	85° 16' 28.042176"	21° 30' 54.127656"
Patch-10 (Paudi RF)						
1	rf283a1	415	320797.132	2380134.535	85° 16' 11.65572"	21° 30' 53.87745"
2	rf284a	416	320789.331	2380141.041	85° 16' 11.38219"	21° 30' 54.08614"
3	rf285a2	417	320768.326	2380176.237	85° 16' 10.63883"	21° 30' 55.22286"
4	rf286a2	418	320755.405	2380205.574	85° 16' 10.17861"	21° 30' 56.17198"
5	rf287a4	419	320731.015	2380253.311	85° 16' 09.31282"	21° 30' 57.71519"
6	rf288a	420	320708.595	2380279.291	85° 16' 08.52387"	21° 30' 58.55177"
7	rf389a	421	320630.827	2380363.846	85° 16' 05.78933"	21° 31' 01.27275"
8	rf391a1	422	320565.835	2380428.391	85° 16' 03.50634"	21° 31' 03.34777"
9	rf391a8	423	320589.353	2380407.962	85° 16' 04.33135"	21° 31' 02.69207"
10	rf392a	424	320551.295	2380431.802	85° 16' 02.99984"	21° 31' 03.45340"
11	rf393a	425	320537.293	2380429.421	85° 16' 02.51426"	21° 31' 03.37094"
12	rf394a	426	320497.299	2380416.177	85° 16' 01.12980"	21° 31' 02.92595"
13	rf395a	427	320446.932	2380396.663	85° 15' 59.38737"	21° 31' 02.27333"
14	rf29a1	428	320412.449	2380381.796	85° 15' 58.19502"	21° 31' 01.77755"
15	rf297a	429	320394.431	2380381.005	85° 15' 57.56930"	21° 31' 01.74533"
16	rf298a	430	320372.453	2380385.848	85° 15' 56.80382"	21° 31' 01.89483"
17	rf299a	431	320349.553	2380391.322	85° 15' 56.00605"	21° 31' 02.06453"
18	rf365a	432	320309.609	2380407.417	85° 15' 54.61203"	21° 31' 02.57340"
19		433	320250.766	2380417.626	85° 15' 52.5636"	21° 31' 02.884008"
20	rf302a	434	320234.457	2380428.641	85° 15' 51.99275"	21° 31' 03.23627"
21	rf303a3	435	320189.907	2380461.090	85° 15' 50.43234"	21° 31' 04.27511"
22	rf304a1	436	320171.507	2380474.652	85° 15' 49.78781"	21° 31' 04.70940"
23	rf305a	437	320103.220	2380510.402	85° 15' 47.40141"	21° 31' 05.84696"
24	rf306a	438	320069.639	2380527.542	85° 15' 46.22803"	21° 31' 06.39208"
25	rf307a	439	320008.378	2380539.656	85° 15' 44.09487"	21° 31' 06.76375"
26	rf308a	440	319903.808	2380557.697	85° 15' 40.45463"	21° 31' 07.31245"
27	rf309a	441	319871.028	2380563.314	85° 15' 39.31356"	21° 31' 07.48319"
28	rf310a1	442	319845.018	2380570.498	85° 15' 38.40706"	21° 31' 07.70734"
29	rf311a	443	319786.373	2380601.079	85° 15' 36.35763"	21° 31' 08.68034"
30	rf312a	444	319731.446	2380625.494	85° 15' 34.43977"	21° 31' 09.45418"
31	rf313a	445	319711.003	2380627.349	85° 15' 33.72875"	21° 31' 09.50709"
32	rf314a1	446	319654.083	2380625.320	85° 15' 31.75188"	21° 31' 09.42050"
33	rf315a1	447	319582.280	2380615.426	85° 15' 29.26095"	21° 31' 09.07279"
34	rf316a	448	319486.030	2380603.031	85° 15' 25.92159"	21° 31' 08.63489"
35	rf317a1	449	319377.194	2380586.157	85° 15' 22.14669"	21° 31' 08.04679"
36	rf318a1	450	319341.493	2380568.676	85° 15' 20.91306"	21° 31' 07.46552"
37	rf319a	451	319332.054	2380553.759	85° 15' 20.59088"	21° 31' 06.97710"
38	rf320a	452	319327.721	2380546.774	85° 15' 20.44305"	21° 31' 06.74846"
39		453	319328.741	2380546.142	85° 15' 20.478708"	21° 31' 06.728232"
40		454	319333.071	2380553.122	85° 15' 20.626452"	21° 31' 06.95676"
41		455	319342.326	2380567.748	85° 15' 20.942316"	21° 31' 07.435632"
42		456	319377.558	2380584.999	85° 15' 22.159764"	21° 31' 08.009256"
43		457	319486.199	2380601.842	85° 15' 25.927884"	21° 31' 08.596308"
44		458	319582.439	2380614.237	85° 15' 29.26692"	21° 31' 09.034176"
45		459	319654.187	2380624.123	85° 15' 31.755924"	21° 31' 09.381612"
46		460	319710.970	2380626.147	85° 15' 33.72804"	21° 31' 09.467976"



Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
47		461	319731.140	2380624.317	85° 15' 34.429572"	21° 31' 9.415776"
48		462	319785.851	2380599.998	85° 15' 36.339912"	21° 31' 8.64498"
49		463	319844.576	2380569.375	85° 15' 38.392128"	21° 31' 7.67064"
50		464	319870.767	2380562.141	85° 15' 39.304908"	21° 31' 7.444956"
51		465	319903.604	2380556.514	85° 15' 40.448016"	21° 31' 7.27392"
52		466	320008.160	2380538.476	85° 15' 44.087724"	21° 31' 6.72528"
53		467	320069.243	2380526.397	85° 15' 46.214676"	21° 31' 6.354696"
54		468	320102.669	2380509.336	85° 15' 47.38266"	21° 31' 5.812104"
55		469	320170.869	2380473.632	85° 15' 49.766004"	21° 31' 4.67598"
56		470	320189.198	2380460.122	85° 15' 50.408064"	21° 31' 4.243368"
57		471	320233.768	2380427.659	85° 15' 51.969168"	21° 31' 3.204048"
58		472	320250.307	2380416.487	85° 15' 52.54812"	21° 31' 2.84682"
59		473	320309.278	2380406.257	85° 15' 54.600984"	21° 31' 2.535528"
60		474	320349.187	2380390.175	85° 15' 55.993788"	21° 31' 2.0271"
61		475	320372.184	2380384.678	85° 15' 56.794932"	21° 31' 1.856712"
62		476	320394.326	2380379.799	85° 15' 57.566124"	21° 31' 1.706088"
63		477	320412.722	2380380.607	85° 15' 58.204944"	21° 31' 1.738956"
64		478	320447.387	2380395.552	85° 15' 59.403564"	21° 31' 2.237376"
65		479	320497.704	2380415.048	85° 16' 1.144308"	21° 31' 2.889336"
66		480	320537.584	2380428.253	85° 16' 2.5248"	21° 31' 3.333072"
67		481	320551.257	2380430.578	85° 16' 2.998992"	21° 31' 3.413568"
68		482	320565.272	2380427.291	85° 16' 3.487188"	21° 31' 3.31176"
69		483	320588.521	2380407.096	85° 16' 4.302732"	21° 31' 2.66358"
70		484	320629.949	2380363.029	85° 16' 5.759112"	21° 31' 1.245828"
71		485	320707.699	2380278.493	85° 16' 8.493024"	21° 30' 58.525488"
72		486	320730.012	2380252.636	85° 16' 9.27822"	21° 30' 57.69288"
73		487	320754.320	2380205.059	85° 16' 10.141104"	21° 30' 56.154816"
74		488	320767.257	2380175.686	85° 16' 10.601904"	21° 30' 55.204524"
75		489	320788.406	2380140.250	85° 16' 11.350308"	21° 30' 54.060084"
76		490	320796.363	2380133.614	85° 16' 11.629344"	21° 30' 53.84718"

Patch-11 (Kakharua PF)

1	kf321m	491	319969.434	2376480.306	85° 15' 44.30997"	21° 28' 54.77463"
2	kf322	492	320019.607	2376455.169	85° 15' 46.06250"	21° 28' 53.97551"
3	kf323m1	493	320082.685	2376427.068	85° 15' 48.26439"	21° 28' 53.08470"
4	kf324m	494	320111.903	2376436.620	85° 15' 49.27560"	21° 28' 53.40580"
5	kf326	495	320134.252	2376447.684	85° 15' 50.04767"	21° 28' 53.77355"
6	kf327m	496	320182.307	2376424.593	85° 15' 51.72579"	21° 28' 53.04019"
7	kf328m	497	320241.421	2376381.027	85° 15' 53.79594"	21° 28' 51.64510"
8	kf329m1	498	320302.524	2376349.810	85° 15' 55.93041"	21° 28' 50.65221"
9	kf330	499	320341.052	2376335.681	85° 15' 57.27414"	21° 28' 50.20676"
10	kf332	500	320350.969	2376325.479	85° 15' 57.62255"	21° 28' 49.87864"
11	kf334	501	320373.121	2376247.968	85° 15' 58.42186"	21° 28' 47.36664"
12	kf333m1	502	320374.950	2376281.333	85° 15' 58.47252"	21° 28' 48.45204"
13	kf335	503	320366.634	2376303.615	85° 15' 58.17508"	21° 28' 49.17347"
14	rf335m	504	320378.427	2376199.552	85° 15' 58.62479"	21° 28' 45.79448"
15	rf336m	505	320382.442	2376142.921	85° 15' 58.78604"	21° 28' 43.95474"
16	rf337m	506	320381.649	2376118.358	85° 15' 58.76798"	21° 28' 43.15590"
17		507	320382.849	2376118.320	85° 15' 58.809636"	21° 28' 43.155048"
18		508	320383.643	2376142.944	85° 15' 58.827744"	21° 28' 43.955904"
19		509	320379.622	2376199.660	85° 15' 58.666248"	21° 28' 45.798384"
20		510	320374.325	2376248.001	85° 15' 58.46364"	21° 28' 47.368128"
21		511	320376.162	2376281.518	85° 15' 58.514544"	21° 28' 48.45846"
22		512	320367.702	2376304.185	85° 15' 58.211964"	21° 28' 49.192356"



Sl No	Surveyed Id	Pillar ID	UTM CO-ORDINATES		GEOGRAPHIC CO-ORDINATES	
			Easting	Northing	Longitude	Latitude
23		513	320351.892	2376326.251	85° 15' 57.654288"	21° 28' 49.90404"
24		514	320341.722	2376336.714	85° 15' 57.296988"	21° 28' 50.240568"
25		515	320303.005	2376350.911	85° 15' 55.9467"	21° 28' 50.688192"
26		516	320242.054	2376382.051	85° 15' 53.817516"	21° 28' 51.678588"
27		517	320182.997	2376425.576	85° 15' 51.749352"	21° 28' 53.072364"
28		518	320146.251	2376450.105	85° 15' 50.463504"	21° 28' 53.856588"
29		519	320133.915	2376448.856	85° 15' 50.0355"	21° 28' 53.811516"
30		520	320111.448	2376437.734	85° 15' 49.25934"	21° 28' 53.441832"
31		521	320082.751	2376428.353	85° 15' 48.266172"	21° 28' 53.126472"
32		522	320020.121	2376456.254	85° 15' 46.079892"	21° 28' 54.010956"
33		523	319969.971	2376481.379	85° 15' 44.328204"	21° 28' 54.809688"
34		524	320145.943	2376448.868	85° 15' 50.45328"	21° 28' 53.816232"

Patch-12 (Bankadhar PF)

1	rf338m	525	318579.941	2373836.341	85° 14' 57.07253"	21° 27' 28.31217"
2	rf339m	526	318579.635	2373773.425	85° 14' 57.08633"	21° 27' 26.26658"
3	rf340m	527	318584.742	2373613.997	85° 14' 57.32562"	21° 27' 21.08523"
4	rf341m	528	318589.808	2373509.135	85° 14' 57.54228"	21° 27' 17.67786"
5	rf342m	529	318587.790	2373401.374	85° 14' 57.51402"	21° 27' 14.17370"
6	rf343m1	530	318586.231	2373356.804	85° 14' 57.47719"	21° 27' 12.72408"
7	rf344m	531	318606.303	2373288.866	85° 14' 58.20064"	21° 27' 10.52263"
8		532	318607.498	2373289.058	85° 14' 58.242048"	21° 27' 10.52928"
9		533	318587.437	2373356.957	85° 14' 57.518988"	21° 27' 12.729492"
10		534	318588.990	2373401.342	85° 14' 57.555672"	21° 27' 14.173056"
11		535	318591.009	2373509.152	85° 14' 57.583932"	21° 27' 17.678844"
12		536	318585.941	2373614.045	85° 14' 57.367212"	21° 27' 21.087216"
13		537	318580.835	2373773.441	85° 14' 57.127992"	21° 27' 26.267544"
14		538	318581.141	2373836.335	85° 14' 57.114204"	21° 27' 28.312416"

Authorised Signatory
Anurag Tripathy
 AGM-Slurry Pipeline Project
 JIndal Steel & Power Limited
 Angul Odisha