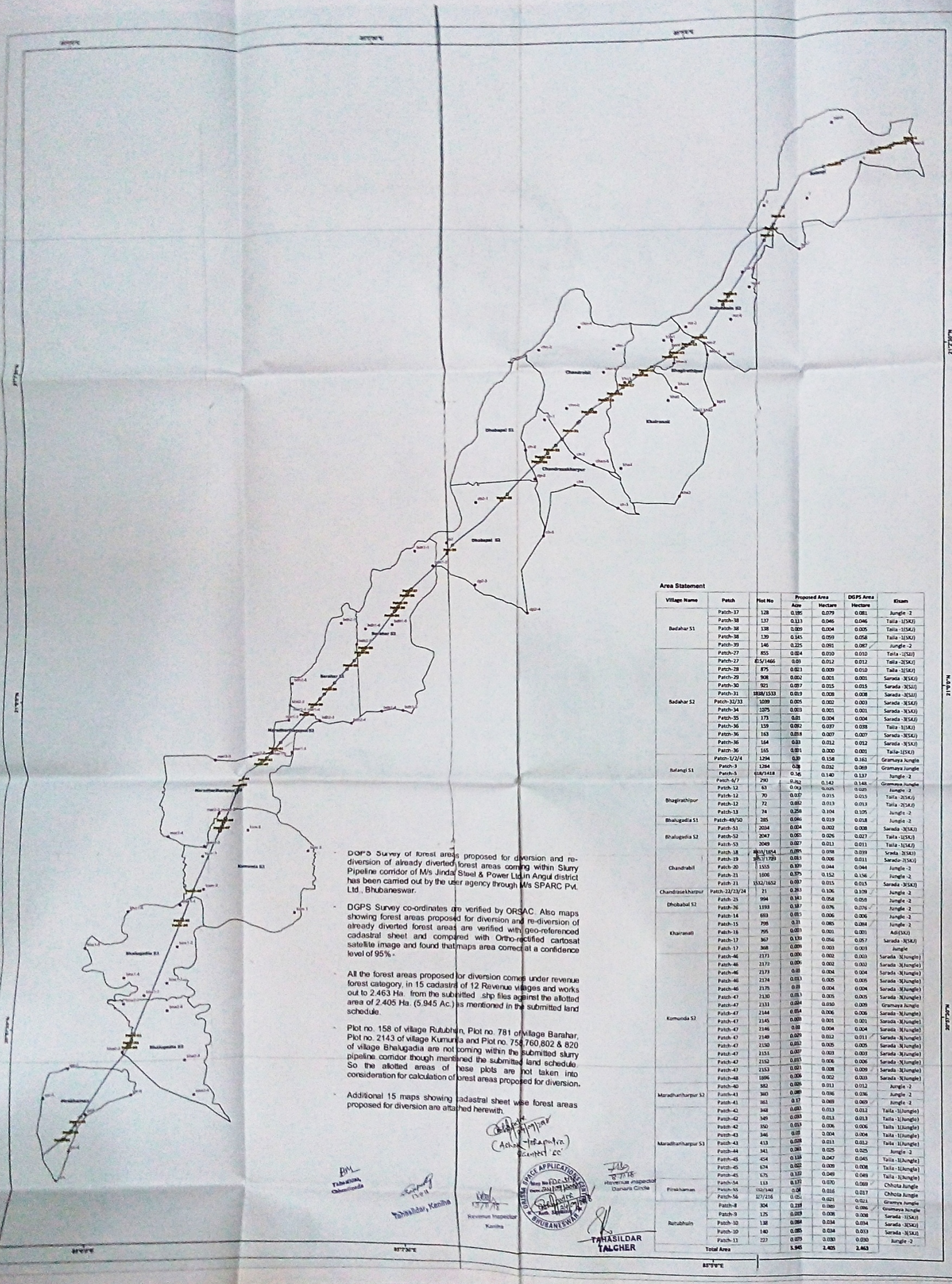
INDEX MAP

Map Showing DGPS Surveyed Co-ordinates and Boundary of Forest Area Proposed to be Rediverted for M/s JSPL Slurry Pipeline, Angul Forest Division, Odisha



CO-ORDINATES OF SCP/DGPS OBSERVATION POINT

Village Name	DGPS Observation SCP No	UTM Co-ordinates		Geographic Co-ordinates	
		Easting	Northing	Latitude	Longitude
Baahar S1	bsh2-1	295760.356	2324420.202	N21°00'33.05720"	E85°03'05.82821"
	bsh2-3	295366.293	2323670.081	N20°59'48.01840"	E85°03'52.82463"
	bsh2-4	295833.709	2323023.408	N20°59'47.69246"	E85°03'06.54288"
	bsh2-5	296870.481	2324119.852	N21°00'23.38757"	E85°03'43.53086"
	bsh2-8	295002.322	2323803.710	N21°00'08.22088"	E85°03'40.03033"
	bsh2-2	294947.078	2323290.142	N20°59'54.31689"	E85°03'38.29283"
	bsh1-1	296853.507	2325275.208	N21°00'04.55021"	E85°03'43.36941"
	bsh1-3	298571.977	2326182.886	N20°59'53.16738"	E85°03'34.15185"
	bsh1-4	298267.485	2326182.330	N20°59'53.02802"	E85°03'24.01108"
	bsh1-5	296488.770	2324375.956	N21°00'01.92044"	E85°03'23.15598"
	bsh1-6	296165.738	2324330.363	N21°00'00.28513"	E85°03'21.92367"
	bsh2-6	295970.481	2324119.852	N21°00'23.38757"	E85°03'13.32089"
Balangi S1	1	302488.526	2330025.029	N21°03'02.93728"	E85°03'56.49830"
	2	301877.380	2329971.594	N21°03'06.14833"	E85°03'35.40800"
	bal-5	303943.917	2328813.158	N21°02'31.61261"	E85°04'46.71713"
	bal-7	302345.268	2329373.783	N21°03'16.59872"	E85°03'51.38202"
	bal-8	302899.433	2330969.667	N21°04'08.30899"	E85°04'06.74080"
	bha-1	301206.564	2327969.959	N21°03'20.30709"	E85°03'13.19282"
Bhagirathipur S2	bha-4	300592.110	2327508.268	N21°03'05.38990"	E85°04'54.82489"
	bha-5	300574.875	2327960.329	N21°03'20.94100"	E85°04'53.18373"
	bpr3	301112.789	2327258.580	N21°03'07.45678"	E85°05'10.05893"
	bpr6	300553.296	2326931.158	N21°02'57.88025"	E85°04'50.29187"
	bha2	300825.848	2327132.501	N21°03'03.28404"	E85°05'03.63764"
Bhalugadia S1	bha1-1	293372.342	2320332.377	N20°58'24.74367"	E85°03'44.94017"
	bha1-2	293309.177	2319662.200	N20°58'03.85750"	E85°03'43.03338"
	bha1-3	293148.009	2319430.569	N20°57'56.48498"	E85°03'37.64105"
	bha1-4	292580.008	2319523.447	N20°57'52.59959"	E85°03'17.95933"
	bha1-5	292066.393	2319954.300	N20°58'06.30766"	E84°58'58.87589"
	bha1-6	292661.509	2320437.593	N20°58'22.34918"	E85°03'26.36481"
	bha1-7	292836.185	2319264.164	N20°57'44.27356"	E85°03'26.89098"
Bhalugadia S2	bha2-1	292560.393	2319561.940	N20°57'40.63650"	E85°03'17.41538"
	bha2-2	292656.980	2318721.485	N20°57'26.56009"	E85°03'20.94869"
	bha2-3	292511.770	2318491.485	N20°57'19.02424"	E85°03'16.02179"
	bha2-4	293434.353	2317940.192	N20°56'58.22437"	E85°03'48.22982"
	bha2-5	293038.867	2318385.634	N20°57'14.29128"	E85°03'34.64349"
	bha2-6	293139.719	2319038.791	N20°57'37.07050"	E85°03'37.51894"
	chan-5	299427.335	2325496.630	N21°01'41.04982"	E85°04'12.02893"
Chandrabil	chn-1	298780.983	2328098.048	N21°02'34.21772"	E85°04'22.89793"
	chn-2	298083.017	2327243.176	N21°02'06.18341"	E85°04'00.12516"
	chn-3	298746.027	2328066.272	N21°02'33.36529"	E85°03'47.75373"
	chn-4	299298.050	2328416.156	N21°02'44.37724"	E85°04'06.73013"
	chn-6	298620.131	2327728.627	N21°02'22.15263"	E85°04'18.17458"
Chandrasekharpur	ch-1	298769.424	2327399.556	N21°02'01.04961"	E85°03'46.67739"
	ch-2	299175.078	2328564.744	N21°01'44.14015"	E85°04'03.25117"
	ch-3	298738.208	2325858.622	N21°01'21.40606"	E85°04'23.67990"
	ch-5	298719.590	2325606.137	N21°01'09.54582"	E85°03'47.32416"
	ch-6	298518.174	2326076.110	N21°01'47.50162"	E85°03'40.45846"
	ch4	299161.251	2326198.086	N21°01'31.88671"	E85°04'02.93030"
Dhobapal S2	bdh1-2	297099.210	2325164.337	N21°00'57.78946"	E85°03'51.36815"
	dbp-1	297798.511	2325996.243	N21°01'25.08157"	E85°03'15.75752"
	dp-5	298627.809	2326285.021	N21°01'34.80878"	E85°03'44.41908"
	dp2	297316.776	2325469.505	N21°01'07.79660"	E85°02'58.38852"
	dp2-3	297723.431	2324876.214	N21°00'48.67364"	E85°03'13.69649"
	dp2-4	298467.105	2324461.589	N21°00'35.49937"	E85°03'38.62128"
Khairanali	kha1	300447.600	2326202.687	N21°02'37.88969"	E85°04'46.68125"
	kha2	300925.848	2327132.502	N21°03'03.28404"	E85°05'03.63764"
	kha3	300584.669	2325998.979	N21°01'26.30007"	E85°04'52.29530"
	kha4	299787.844	2326407.825	N21°01'39.29877"	E85°04'24.88062"
	kha5	299899.363	2327590.083	N21°02'17.75823"	E85°04'27.90187"
	kha6	300475.333	2327306.221	N21°02'08.73091"	E85°04'47.95256"
Kumunda S2	kum 1	294943.485	2320033.335	N20°58'11.86049"	E85°01'59.39259"
	kum 5	295161.268	2321206.320	N20°58'49.34763"	E85°01'46.35687"
	kum 6	294312.901	2321510.886	N20°58'57.90831"	E85°01'17.06322"
	kum-2	292980.801	2320707.199	N20°58'31.53087"	E85°00'55.87479"
	kum-3	292680.231	2321188.024	N20°58'46.51272"	E85°00'55.76105"
Maradhanharpur S2	mar2-2	293934.971	2321771.382	N20°59'06.22460"	E85°01'03.86998"
	mar1-1	294680.544	2322946.112	N20°59'44.71454"	E85°01'29.27912"
Maradhanharpur S3	mar1-2	294836.994	2322651.826	N20°59'35.12930"	E85°01'27.70359"
	mar1-3	294815.040	2323089.748	N20°59'49.47734"	E85°01'37.23153"
	mar1-4	295160.927	2323185.195	N20°59'52.67884"	E85°01'45.70287"
	mar1-5	295159.315	2322934.506	N20°59'44.52854"	E85°01'45.75405"
	mar1-6	294829.831	2322642.724	N20°59'34.96068"	E85°01'37.83458"
	mar2-2	293804.971	2321771.382	N20°59'06.22460"	E85°01'03.86998"
	mar2-3	293722.582	2321322.964	N20°58'51.56146"	E85°00'58.71043"
	mar2-4	293223.566	2321472.896	N20°58'56.23407"	E85°00'39.37309"
	mar2-5	293852.982	2322571.029	N20°59'32.18888"	E85°01'00.66930"
	mar2-6	294329.240	2322691.852	N20°59'36.09090"	E85°01'17.32666"
Pitakhaman	pir-1	291772.387	2318297.765	N20°57'12.42663"	E84°59'50.51735"
	pir-2	291726.802	2317149.332	N20°56'35.05769"	E84°59'49.43681"
	pir-4	291422.421	2317898.039	N20°56'59.30929"	E84°59'38.57904"
	pir-6	292598.693	2317885.765	N20°56'59.36927"	E85°00'19.29107"
	pir3	291517.124	2316725.020	N20°56'21.19518"	E84°59'42.39460"
	pir5	291972.350	2317650.112	N20°56'51.45282"	E84°59'57.71894"
Rutubhuin S2	rut-2	300099.265	2328150.863	N21°02'36.41305"	E85°03'05.75666"
	rut-3	300753.908	2328378.324	N21°02'43.71843"	E85°03'27.16528"
	rut-4	301638.570	2328984.715	N21°03'00.52621"	E85°03'27.59137"
	rut-5	301553.173	2329087.594	N21°03'07.08857"	E85°03'24.54981"
	rut1	301272.188	2327936.094	N21°02'29.66740"	E85°03'15.29644"

Area Statement

Village Name	Patch	Plot No	Proposed Area		DGPS Area	Kisam
			Acre	Hectare	Hectare	
Badahar S1	Patch-37	128	0.195	0.079	0.081	Jungle -2
	Patch-38	137	0.113	0.046	0.046	Taila -1(SKJ)
	Patch-38	138	0.009	0.004	0.005	Taila -1(SKJ)
	Patch-38	139	0.145	0.059	0.058	Taila -1(SKJ)
	Patch-39	146	0.225	0.091	0.087	Jungle -2
Badahar S2	Patch-27	855	0.024	0.010	0.010	Taila -1(SJJ)
	Patch-27	815/1466	0.03	0.012	0.012	Taila -2(SKJ)
	Patch-28	875	0.021	0.009	0.010	Taila -1(SKJ)
	Patch-29	908	0.002	0.001	0.001	Sarada -3(SKJ)
	Patch-30	921	0.037	0.015	0.015	Sarada -3(SJJ)
	Patch-31	1838/1533	0.019	0.008	0.008	Sarada -3(SKJ)
	Patch-32/33	1039	0.005	0.002	0.003	Sarada -3(SKJ)
	Patch-34	1075	0.003	0.001	0.001	Sarada -3(SKJ)
	Patch-35	173	0.01	0.004	0.004	Sarada -3(SKJ)
	Patch-36	159	0.092	0.037	0.038	Taila -1(SKJ)
	Patch-36	163	0.018	0.007	0.007	Sarada -3(SKJ)
	Patch-36	164	0.03	0.012	0.012	Sarada -3(SKJ)
	Patch-36	165	0.001	0.000	0.001	Taila-1(SKJ)
Balangi S1	Patch-1/2/4	1294	0.39	0.158	0.161	Gramaya Jungle
	Patch-3	1284	0.08	0.032	0.069	Gramaya Jungle
	Patch-5	618/1418	0.36	0.140	0.137	Jungle -2
	Patch-6/7	290	0.362	0.143	0.148	Gramaya Jungle
Bhagirathipur	Patch-12	63	0.063	0.025	0.025	Jungle -2
	Patch-12	70	0.03	0.015	0.015	Taila -2(SKJ)
	Patch-12	72	0.032	0.013	0.013	Taila -2(SKJ)
	Patch-13	74	0.258	0.104	0.105	Jungle -2
Bhalugadia S1	Patch-49/50	285	0.046	0.019	0.018	Jungle -2
Bhalugadia S2	Patch-51	2034	0.004	0.002	0.003	Sarada -3(SKJ)
	Patch-52	2047	0.065	0.026	0.027	Taila -1(SKJ)
	Patch-53	2049	0.027	0.013	0.011	Taila -1(SKJ)
Chandrabil	Patch-18	1803/1854	0.095	0.038	0.039	Sarada -2(SKJ)
	Patch-19	1857/1781	0.015	0.006	0.011	Sarada-2(SKJ)
	Patch-20	1555	0.109	0.044	0.044	Jungle -2
	Patch-21	1606	0.375	0.152	0.156	Jungle -2
	Patch-21	1532/1652	0.037	0.015	0.015	Sarada -3(SKJ)
Chandrasekharpur	Patch-22/23/24	21	0.263	0.106	0.109	Jungle -2
Dhobabal S2	Patch-25	994	0.143	0.058	0.059	Jungle -2
	Patch-26	1193	0.187	0.076	0.076	Jungle -2
Khairanali	Patch-14	693	0.015	0.006	0.006	Jungle -2
	Patch-15	798	0.21	0.085	0.084	Jungle -2
	Patch-16	795	0.003	0.001	0.001	Adi(SKJ)
	Patch-17	367	0.133	0.056	0.057	Sarada -3(SKJ)
	Patch-17	368	0.009	0.003	0.003	Jungle
Kumunda S2	Patch-46	2171	0.000	0.002	0.003	Sarada -3(Jungle)
	Patch-46	2172	0.006	0.002	0.002	Sarada -3(Jungle)
	Patch-46	2173	0.01	0.004	0.004	Sarada -3(Jungle)
	Patch-46	2174	0.013	0.005	0.005	Sarada -3(Jungle)
	Patch-46	2175	0.01	0.004	0.004	Sarada -3(Jungle)
	Patch-47	2130	0.013	0.005	0.005	Sarada -3(Jungle)
	Patch-47	2131	0.024	0.010	0.009	Gramaya Jungle
	Patch-47	2144	0.014	0.006	0.006	Sarada -3(Jungle)
	Patch-47	2145	0.003	0.001	0.001	Sarada -3(Jungle)
	Patch-47	2146	0.01	0.004	0.004	Sarada -3(Jungle)
	Patch-47	2149	0.029	0.012	0.011	Sarada -3(Jungle)
	Patch-47	2150	0.012	0.005	0.005	Sarada -3(Jungle)
	Patch-47	2151	0.007	0.003	0.003	Sarada -3(Jungle)
	Patch-47	2152	0.015	0.006	0.006	Sarada -3(Jungle)
	Patch-47	2153	0.021	0.008	0.009	Sarada -3(Jungle)
	Patch-48	1696	0.006	0.002	0.003	Sarada -3(Jungle)
Maradhanharpur S2	Patch-40	382	0.026	0.011	0.012	Jungle -2
	Patch-41	360	0.085	0.036	0.036	Jungle -2
	Patch-41	361	0.17	0.069	0.069	Jungle -2
Maradhanharpur S3	Patch-42	348	0.031	0.013	0.012	Taila -1(Jungle)
	Patch-42	349	0.033	0.013	0.013	Taila -1(Jungle)
	Patch-42	350	0.013	0.006	0.006	Taila -1(Jungle)
	Patch-43	346	0.01	0.004	0.004	Taila -1(Jungle)
	Patch-43	413	0.028	0.011	0.012	Taila -1(Jungle)
	Patch-44	341	0.063	0.025	0.025	Jungle -2
	Patch-45	454	0.118	0.047	0.045	Taila -1(Jungle)
	Patch-45	674	0.022	0.009	0.008	Taila -1(Jungle)
	Patch-45	675	0.122	0.049	0.049	Taila -1(Jungle)
Pitakhaman	Patch-54	113	0.173	0.070	0.069	Chhota Jungle
	Patch-55	152/140	0.04	0.016	0.017	Chhota Jungle
	Patch-56	127/216	0.05	0.021	0.021	Gramya Jungle
Rutubhuin	Patch-8	304	0.219	0.089	0.086	Gramaya Jungle
	Patch-9	125	0.019	0.008	0.008	Sarada -1(SKJ)
	Patch-10	138	0.084	0.034	0.034	Sarada -3(SKJ)
	Patch-10	140	0.085	0.034	0.033	Sarada -3(SKJ)
	Patch-11	227	0.073	0.030	0.030	Jungle -2
	Total Area		3.945	2.405	2.463	

DGPS Survey of forest areas proposed for diversion and re-diversion of already diverted forest areas coming within Slurry Pipeline corridor of M/s Jindal Steel & Power Ltd.in Angul district has been carried out by the user agency through M/s SPARC Pvt. Ltd., Bhubaneswar.

DGPS Survey co-ordinates are verified by ORSAC. Also maps showing forest areas proposed for diversion and re-diversion of already diverted forest areas are verified with geo-referenced cadastral sheet and compared with Ortho-rectified cartosat satellite image and found that maps area correct at a confidence level of 95%.

All the forest areas proposed for diversion comes under revenue forest category, in 15 cadastral of 12 Revenue villages and works out to 2.463 Ha. from the submitted .shp files against the allotted area of 2.405 Ha. (5.945 Ac.) as mentioned in the submitted land schedule.

Plot no. 158 of village Rutubhuin, Plot no. 781 of village Barahar, Plot no. 2143 of village Kumunda and Plot no. 756,760,802 & 820 of village Bhalugadia are not coming within the submitted slurry pipeline corridor though mentioned the submitted land schedule. So the allotted areas of these plots are not taken into consideration for calculation of forest areas proposed for diversion.

Additional 15 maps showing cadastral sheet wise forest areas proposed for diversion are attached herewith.

Tahasildar, Kantilo

Revenue Inspector, Kantilo

Revenue Inspector, Danara Circle

TAHASILDAR, TALCHER

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Forest Range Officer, Angul Range

Range Officer, Kantilo Range, Kantilo