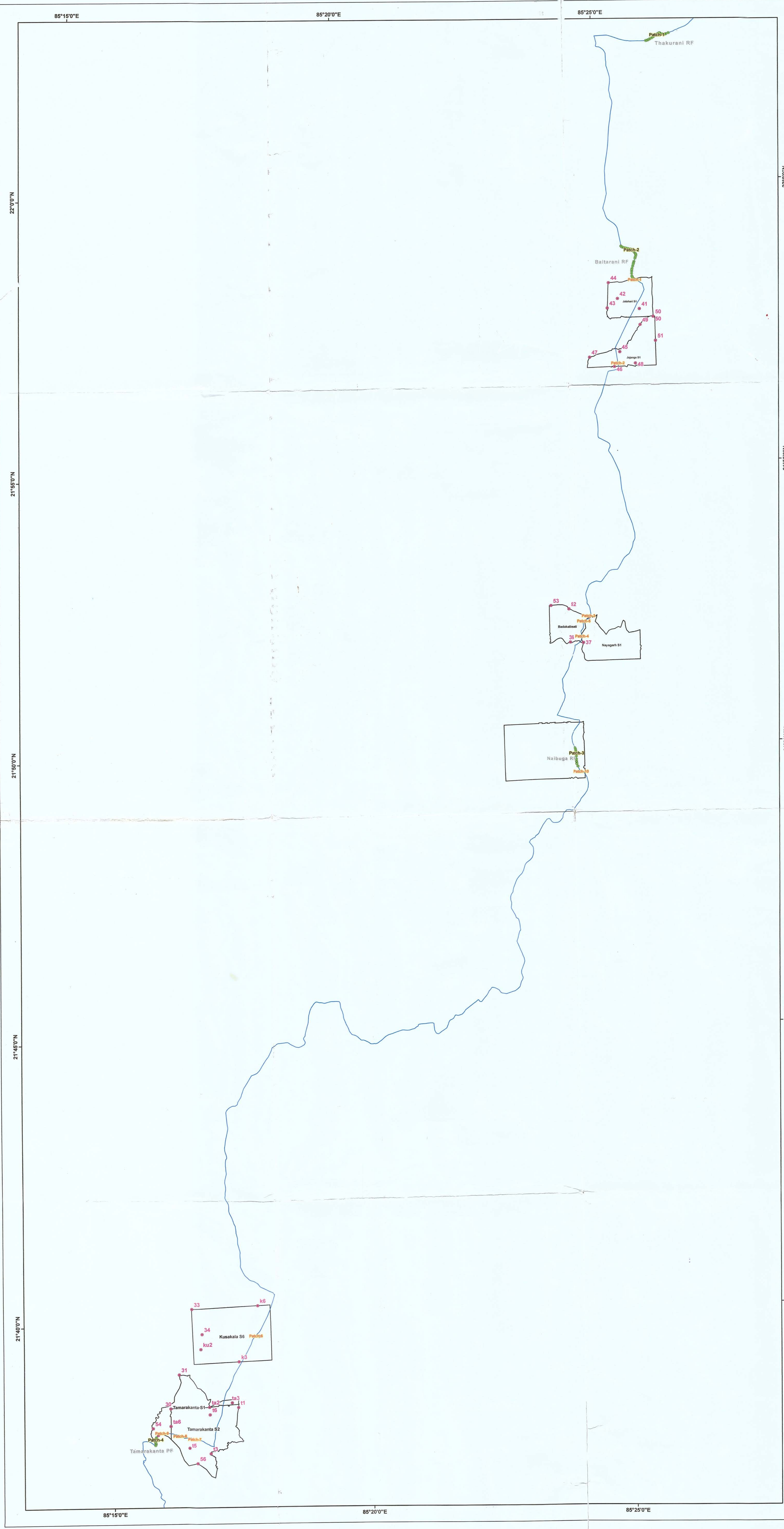
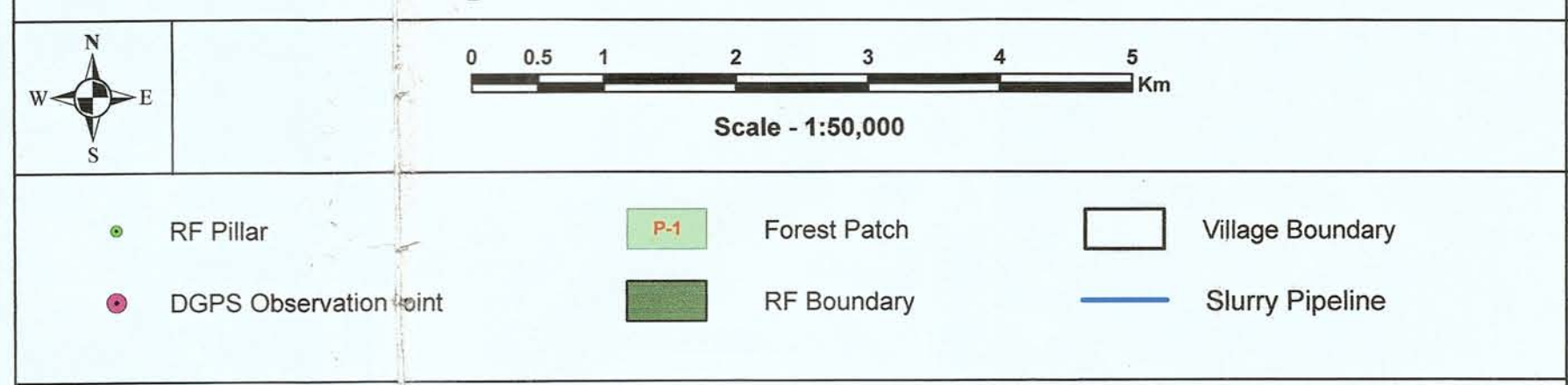




INDEX MAP
Map Showing DGPS Surveyed Co-ordinates
and Boundary of Forest Area Proposed
to be Diverted for JSPL Slurry Pipeline,
Keonjhar Forest Division, Odisha



CO-ORDINATES OF SCP/DGPS OBSERVATION POINT

Village Name	Observation ID	Easting	Northing	Longitude	Latitude
Badakalmati	53	334477.877	2419867.9	E85°23'52.72098"	N21°52'30.46353"
	52	335062.256	2419731.216	E85°24'13.12587"	N21°52'26.21726"
	36	335064.65	2418641.407	E85°24'13.60328"	N21°51'50.78589"
	37	335521.891	2418607.602	E85°24'29.54118"	N21°51'49.84085"
	35	335749.404	2419441.573	E85°24'37.16523"	N21°52'17.03174"
Jajanga S1	49	337801.703	2428881.337	E85°25'45.25018"	N21°52'27.87893"
	46	336904.586	2427645.742	E85°25'14.46263"	N21°52'44.15588"
	47	336098.881	2427986.912	E85°24'46.25996"	N21°52'54.97744"
	48	337597.556	2427731.431	E85°25'38.58209"	N21°52'47.17348"
	51	336283.049	2428441.633	E85°25'02.21892"	N21°52'10.49286"
Jalahari S1	45	337098.857	2428121.598	E85°25'21.08231"	N21°52'59.69110"
	50	336241.031	2428230.163	E85°25'00.47347"	N21°52'38.11512"
	42	337094.037	2429881.769	E85°25'20.26971"	N21°52'56.26726"
	43	336748.579	2429565.874	E85°25'08.33527"	N21°52'46.53127"
	44	336817.244	2430391.902	E85°25'10.43137"	N21°52'13.41026"
Kuskala S6	41	337801.932	2429501.644	E85°25'45.07217"	N21°52'44.79537"
	k5	323823.919	2396319.342	E85°17'50.68860"	N21°39'41.15306"
	k6	323825.29	2397320.268	E85°17'50.33425"	N21°40'13.69498"
	33	321656.065	2397309.485	E85°16'34.89015"	N21°40'12.56551"
	k3	323127.393	2395518.81	E85°17'26.75062"	N21°39'14.87780"
Nayagarh	ku2	321862.294	2395986.07	E85°16'45.61673"	N21°38'45.53477"
	37	335521.891	2418607.602	E85°24'29.54118"	N21°52'17.03174"
	35	335749.404	2419441.573	E85°24'37.16523"	N21°52'17.03174"
	39	337277.789	2418264.451	E85°25'30.82178"	N21°51'39.27177"
	40	336275.623	2418199.326	E85°24'55.94022"	N21°51'36.81983"
Tamarakanta S1	54	320205.941	2393468.879	E85°15'45.94857"	N21°38'07.17839"
	25	320366.426	2393242.926	E85°15'51.61678"	N21°37'59.80797"
	tu2	322091.979	2394083.241	E85°16'51.29449"	N21°38'27.83408"
	tu6	320791.821	2393513.888	E85°16'06.30360"	N21°38'08.85434"
	tu3	322841.765	2394190.695	E85°17'17.32648"	N21°38'31.59890"
Tamarakanta S2	31	321141.302	2395189.689	E85°16'17.80742"	N21°38'03.46277"
	11	323042.446	2394027.288	E85°17'24.36789"	N21°38'26.35604"
	56	321625.483	2392253.879	E85°16'35.77747"	N21°37'28.19143"
	30	320814.284	2394099.586	E85°16'06.86155"	N21°38'27.57896"
	13	322074.159	2392556.616	E85°16'51.26223"	N21°37'38.19531"
Naibuga S5	15	321379.766	2392770.113	E85°16'27.03526"	N21°37'44.88613"
	16	322100.8	2393836.502	E85°16'51.69621"	N21°38'19.81549"

Forest Land Schedule to be diverted for JSPL Slurry Pipeline									
Village	Patch No	Survey (Plot No)	Kisam (Nature of Land)	Proposed Forest Area for Diversion		DGPS Surveyed Area		Kisam	Remarks
				In Acre	In Hectare	In Acre	In Hectare		
Jalahari S3	Patch-1	188	Abada Jogyra Anabadi/DLC	0.014	0.006	0.011	0.006	Forest	Barbil (L-2)
Jajanga	Patch-2	12	Abada Jogyra Anabadi	0.071	0.029	0.074	0.030	Forest	Barbil (L-2)
Nayagada S1	Patch-3	1	Abada Jogyra Anabadi/DLC	0.062	0.021	0.061	0.021	Forest	Barbil (L-2)
Nayagada S1	Patch-4	2	Abada Jogyra Anabadi/DLC	0.031	0.013	0.031	0.013	Forest	Barbil (L-2)
Badakalmati	Patch-5	134	Rakhta	0.091	0.037	0.093	0.038	Forest	Barbil (L-2)
Kuskala S6	Patch-6	242	Abada Jogyra Anabadi	0.050	0.020	0.054	0.022	Forest	Barbil (L-2)
Kuskala S6	Patch-6	239	Abada Jogyra Anabadi	0.026	0.011	0.032	0.013	Forest	Barbil (L-2)
Tamarakanta S2	Patch-7	995	Rakhta	0.077	0.031	0.079	0.032	Forest	Barbil (L-2)
Tamarakanta S2	Patch-8	142	Rakhta	0.074	0.030	0.076	0.031	Forest	Barbil (L-2)
Tamarakanta S2	Patch-8	1081	Abada Jogyra Anabadi	0.104	0.042	0.100	0.041	Forest	Barbil (L-2)
Tamarakanta S1	Patch-9	126	Abada Jogyra Anabadi	0.071	0.029	0.069	0.028	Forest	Barbil (L-2)
Tamarakanta S1	Patch-9	118	Abada Jogyra Anabadi	0.112	0.045	0.099	0.040	Forest	Barbil (L-2)
Naibuga S5	Patch-10	115	DLC	0.109	0.046	0.117	0.046	Forest	Barbil (L-2)
Total Area				0.883	0.357	0.886	0.361		

RF Area Statement

RF Name	Patch id	DGPS Surveyed Area	
		In Acre	In Hectare
Thakurani RF	Patch-1	0.245	0.099
Baitarani RF	Patch-2	0.421	0.173
Naibuga RF	Patch-3	0.181	0.073
Tamarakanta PF	Patch-4	0.079	0.032
Total Area		0.926	0.377

- DGPS Survey of Forest Areas proposed for diversion by the Barbil-Alup Slurry pipe line Project of The Jindal Steel & Power Ltd. coming under Keonjhar Forest Division has been carried out by the user agency through the SPARC Pvt. Ltd., Bhubaneswar.

- The surveyed coordinates are verified by SPARC. Also the maps showing forest areas proposed for diversion are verified with geo-referenced cadastral sheets and compared with Ortho-rectified Cartosat satellite image (for revenue forest areas) and with survey points (for R.F. areas) and found that the maps are correct at a confidence level of 95%.

- All the forest areas proposed for diversion comes in eight cadastral sheets of 6000 revenue villages and four patches of R.F. Total forest area proposed for diversion works out to 0.938 Ha. include 0.361 Ha. revenue forest area and 0.577 Ha. R.F. area from the submitted application against the mentioned 0.357 Ha. revenue forest in the submitted land schedule.

- Additional 12 map sheets are attached herewith showing cadastral sheet wise revenue forest areas and patchwise R.F. areas proposed for diversion.



Range Officer
B.J.P. Range

TAKASILDAR
BANSAL

Forest Range Officer
Barbil Range

TAKASILDAR
BARBIL

Forest Range Officer
Champur Range