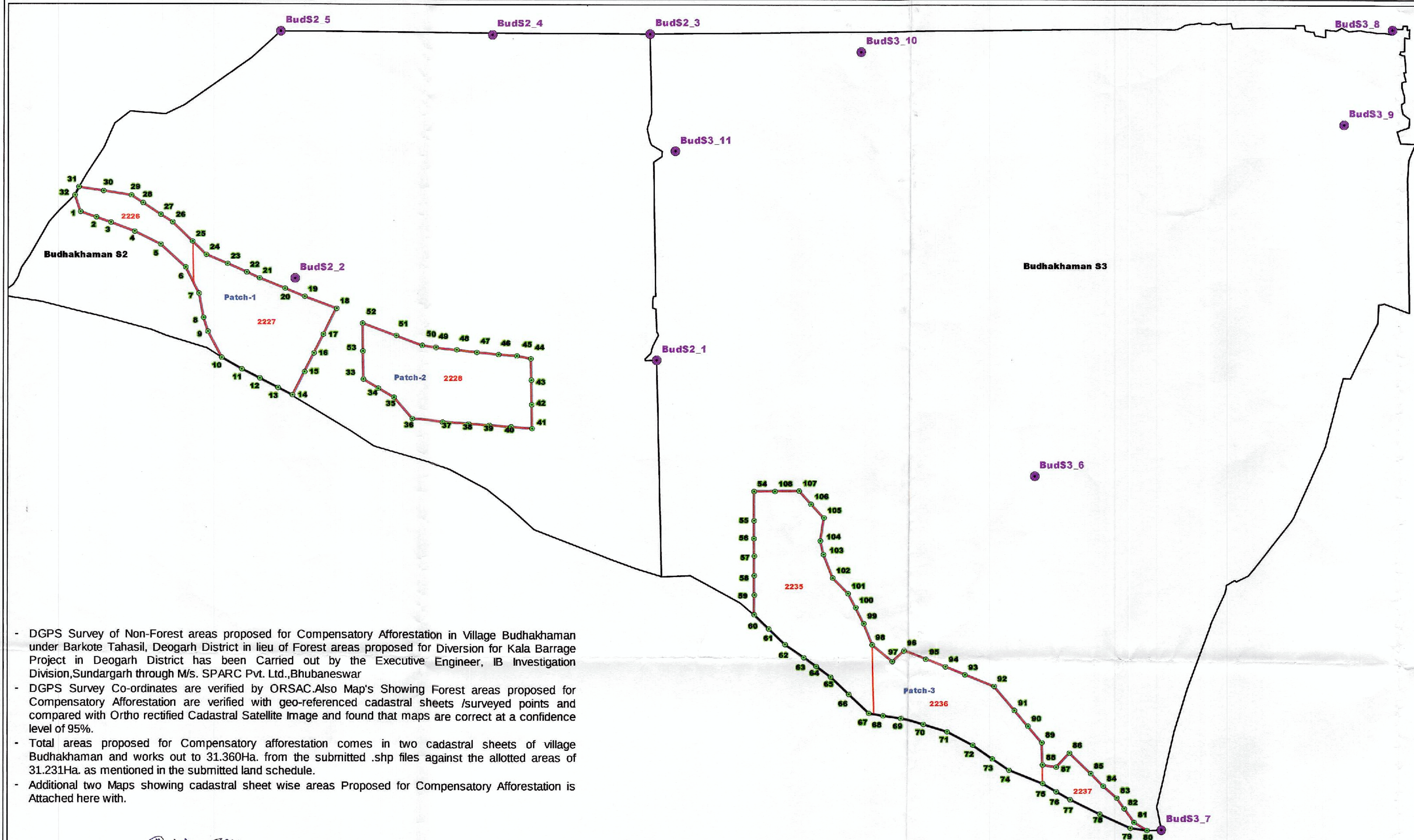




- DGPS Survey of Non-Forest areas proposed for Compensatory Afforestation in Village Budhakhaman under Barkote Tahasil, Deogarh District in lieu of Forest areas proposed for Diversion for Kala Barrage Project in Deogarh District has been Carried out by the Executive Engineer, IB Investigation Division, Sundargarh through M/s. SPARC Pvt. Ltd., Bhubaneswar
- DGPS Survey Co-ordinates are verified by ORSAC. Also Map's Showing Forest areas proposed for Compensatory Afforestation are verified with geo-referenced cadastral sheets / surveyed points and compared with Ortho rectified Cadastral Satellite Image and found that maps are correct at a confidence level of 95%.
- Total areas proposed for Compensatory afforestation comes in two cadastral sheets of village Budhakhaman and works out to 31.360Ha. from the submitted .shp files against the allotted areas of 31.231Ha. as mentioned in the submitted land schedule.
- Additional two Maps showing cadastral sheet wise areas Proposed for Compensatory Afforestation is Attached here with.

22/10/2018
Ashok K. Patra
Geomatics Engg.



Pillar Co-ordinates of SCP

SL NO	VILLAGE NAME	SCP ID	UTM COORDINATES		GEO-GRAPHIC COORDINATES		Height	Elevation
			EASTING	NORTHING	Longitude	Latitude		
1	Budhakhaman S2	BudS2_1	297846.490	2373412.132	E85°02'57.2316"	N21°27'06.5547"	80.87	139.79
2		BudS2_2	296984.592	2373604.458	E85°02'27.2191"	N21°27'12.4569"	91.34	150.46
3		BudS2_3	297829.369	2374187.831	E85°02'56.3014"	N21°27'31.7639"	79.95	139.06
4		BudS2_4	297453.858	2374185.802	E85°02'43.2623"	N21°27'31.5456"	79.95	139.06
5		BudS2_5	296949.063	2374192.760	E85°02'25.7287"	N21°27'31.5667"	93.91	153.02
6	Budhakhaman S3	BudS3_6	298748.063	2373136.345	E85°03'28.6571"	N21°26'57.9537"	79.94	139.05
7		BudS3_7	299051.261	2372294.460	E85°03'39.5472"	N21°26'30.7079"	79.88	139.00
8		BudS3_8	299599.117	2374199.261	E85°03'57.7534"	N21°27'32.8492"	71.46	130.55
9		BudS3_9	299483.909	2373972.609	E85°03'53.8499"	N21°27'25.4350"	71.37	130.46
10		BudS3_10	298332.535	2374146.255	E85°03'13.7924"	N21°27'30.6159"	80.39	139.49
11		BudS3_11	297889.901	2373909.765	E85°02'58.5238"	N21°27'22.7491"	80.15	139.26

AREA STATEMENT

Village	Patch No	RoR Plot	Proposed Area		DGPS Area		Kissam
			Acre	Hectare	Acre	Hectare	
Budhakhaman S2	Patch-1	1371/2226	5.085	2.058	5.084	2.057	Pahada
		1371/2227	15.925	6.445	15.926	6.445	Pahada
	Patch-2	1371/2228	16.454	6.659	16.454	6.659	Pahada
	Total Area		37.464	15.162	37.464	15.161	
Budhakhaman S3	Patch-3	1398/2236	15.137	6.126	15.137	6.126	Pahada
		1398/2235	21.08	8.531	21.083	8.532	Pahada
		1398/2237	3.491	1.413	3.809	1.541	Pahada
	Total Area		39.708	16.070	40.028	16.199	
Grand Total			77.172	31.231	77.492	31.360	

160

80

0

160

320

480

640

Meters

Scale 1:5,000

LEGEND

●

 Pillar

●

 SCP Point

CA Boundary

Village Boundary

Plot Boundary

Pillar Co-ordinates of CA Boundary

DGPS CA Pillar ID	UTM Co-ordinates		Geographic Co-ordinates		Height	Elevation	DGPS CA Pillar ID	UTM Co-ordinates		Geographic Co-ordinates		Height	Elevation
	Easting	Northing	Latitude	Longitude				Easting	Northing	Latitude	Longitude		
Patch-1													
1	296472.720	2373761.650	N21°27'17.3584"	E85°02'09.3761"	117.221	176.345	54	298078.818	2373100.910	N21°26'56.5316"	E85°03'05.4335"	83.372	142.489
2	296510.417	2373748.180	N21°27'16.9359"	E85°02'10.6810"	117.126	176.25	55	298079.397	2373031.214	N21°26'54.2662"	E85°03'05.4837"	98.424	157.542
3	296544.387	2373736.042	N21°27'16.5552"	E85°02'11.8759"	118.332	177.456	56	298079.435	2372989.014	N21°26'52.8944"	E85°03'05.5033"	96.251	155.369
4	296601.806	2373715.525	N21°27'15.9116"	E85°02'13.8787"	115.366	174.489	57	298079.470	2372946.489	N21°26'51.5127"	E85°03'05.5229"	95.469	154.587
5	296663.272	2373694.189	N21°27'14.9180"	E85°02'16.0267"	110.091	169.214	58	298079.509	2372900.562	N21°26'50.0190"	E85°03'05.5441"	93.423	152.541
6	296723.533	2373629.955	N21°27'13.1795"	E85°02'18.1429"	109.035	168.158	59	298079.548	2372854.818	N21°26'48.5320"	E85°03'05.5652"	93.137	152.256
7	296754.868	2373567.284	N21°27'11.1550"	E85°02'19.2982"	118.23	177.364	60	298079.587	2372808.090	N21°26'47.0137"	E85°03'05.5867"	98.139	157.258
8	296785.715	2373509.433	N21°27'09.2789"	E85°02'19.6600"	126.174	185.298	61	298114.772	2372774.490	N21°26'45.9349"	E85°03'06.8237"	96.865	155.985
9	296776.562	2373476.892	N21°27'08.2254"	E85°02'20.0508"	128.92	188.045	62	298153.009	2372737.975	N21°26'44.7634"	E85°03'08.1664"	95.521	154.641
10	296809.536	2373415.274	N21°27'06.2358"	E85°02'21.2226"	130.24	189.365	63	298198.319	2372706.556	N21°26'43.7604"	E85°03'09.7533"	93.514	152.635
11	296858.070	2373387.647	N21°27'05.3575"	E85°02'22.9199"	125.133	184.258	64	298227.214	2372685.063	N21°26'43.0733"	E85°03'10.7659"	92.754	151.875
12	296899.806	2373366.597	N21°27'04.6902"	E85°02'24.3783"	119.17	178.295	65	298261.698	2372659.413	N21°26'42.2534"	E85°03'11.9743"	91.53	150.652
13	296944.449	2373344.081	N21°27'03.9764"	E85°02'25.9383"	113.522	172.647	66	298305.129	2372618.248	N21°26'40.9328"	E85°03'13.5001"	92.322	151.444
14	296978.812	2373326.750	N21°27'03.4270"	E85°02'27.1381"	110.02	169.145	67	298352.879	2372572.894	N21°26'39.4778"	E85°03'15.1812"	93.903	153.025
15	297006.581	2373381.639	N21°27'05.2226"	E85°02'28.0795"	111.13	170.254	68	298386.606	2372567.407	N21°26'39.3130"	E85°03'16.3512"	95.364	154.658
16	297029.153	2373426.254	N21°27'06.6821"	E85°02'28.8439"	104.135	163.258	69	298429.180	2372560.459	N21°26'39.1043"	E85°03'17.8325"	96.938	156.059
17	297051.725	2373470.869	N21°27'08.1416"	E85°02'29.6083"	98.037	157.159	70	298483.680	2372544.239	N21°26'38.5980"	E85°03'19.7319"	102.863	161.984
18	297082.748	2373532.188	N21°27'10.1475"	E85°02'30.6590"	89.835	148.966	71	298540.305	2372527.386	N21°26'38.0740"	E85°03'21.7053"	101.944	161.065
19	297006.845	2373561.113	N21°27'11.0570"	E85°02'28.0107"	91.193	150.314	72	298601.424	2372495.371	N21°26'37.0579"	E85°03'23.8413"	100.114	158.235
20	296960.499	2373579.875	N21°27'11.6480"	E85°02'26.3932"	92.749	151.871	73	298647.791	2372463.630	N21°26'36.0448"	E85°03'25.4650"	101.203	160.324
21	296899.080	2373604.738	N21°27'12.4313"	E85°02'24.2496"	92.967	152.089	74	298687.457	2372436.477	N21°26'35.1781"	E85°03'26.8540"	100.138	159.259
22	296868.356	2373618.680	N21°27'12.8720"	E85°02'23.1767"	94.419	153.541	75	298768.314	2372405.362	N21°26'34.1992"	E85°03'29.6749"	96.879	155.989
23	296822.687	2373639.030	N21°27'13.5149"	E85°02'21.5820"	96.904	156.026	76	298800.354	2372386.447	N21°26'33.5972"	E85°03'30.7956"	96.467	155.587
24	296772.723	2373660.566	N21°27'14.1947"	E85°02'19.8377"	100.667	159.789	77	298833.931	2372366.626	N21°26'32.9664"	E85°03'31.9700"	84.892	144.012
25	296738.304	2373691.580	N21°27'15.1892"	E85°02'18.6637"	96.462	155.584	78	298903.993	2372332.548	N21°26'31.8868"	E85°03'34.4173"	75.912	135.032
26	296691.514	2373737.692	N21°27'16.6688"	E85°02'16.9841"	100.144	159.266	79	298977.018	2372299.105	N21°26'30.8290"	E85°03'36.9673"	71.469	130.589
27	296663.402	2373756.056	N21°27'17.2543"	E85°02'16.0000"	96.211	155.333	80	299017.085	2372293.758	N21°26'30.6713"	E85°03'38.3609"	74.947	134.066
28	296621.541	2373783.400	N21°27'18.1261"	E85°02'14.5344"	101.1	160.222	81	298996.479	2372312.798	N21°26'31.2780"	E85°03'37.2900"	76.936	136.055
29	296593.089	2373801.986	N21°27'18.7187"	E85°02'13.5383"	102.367	161.489	82	298963.034	2372345.203	N21°26'32.3219"	E85°03'36.4620"	78.929	138.048
30	296527.827	2373811.930	N21°27'19.0153"	E85°02'11.2678"	105.892	165.015	83	298944.690	2372370.901	N21°26'33.1500"	E85°03'35.8140"	80.978	140.097
31	296468.073	2373821.036	N21°27'19.2870"	E85°02'09.1889"	107.902	167.025	84	298912.561	2372399.723	N21°26'34.0740"	E85°03'34.6860"	79.937	139.056
32	296459.342	2373801.986	N21°27'18.6642"	E85°02'08.8940"	112.321	171.444	85	298882.298	2372428.719	N21°26'35.0044"	E85°03'33.6227"	75.958	135.077
Patch-2													
33	297146.915	2373364.839	N21°27'04.7335"	E85°02'32.9598"	102.022	161.145	86	298831.795	2372477.874	N21°26'36.5820"	E85°03'31.8479"	81.98	141.099
34	297183.059	2373343.443	N21°27'04.0527"	E85°02'34.2241"	104.133	163.256	87	298800.335	2372443.655	N21°26'35.4569"	E85°03'30.7703"	85.237	144.356
35	297220.236	2373321.435	N21°27'03.3524"	E85°02'35.5246"	103.861	162.884	89	298766.312	2372502.249	N21°26'37.3480"	E85°03'29.5637"	78.755	137.874
36	297264.157	2373270.835	N21°27'01.7188"	E85°02'37.0718"	107.417	166.54	90	298733.820	2372540.052	N21°26'38.5637"	E85°03'28.4123"	78.469	137.588
37	297336.556	2373265.475	N21°27'01.5904"	E85°02'39.5880"	97.576	156.698	91	298700.814	2372577.872	N21°26'39.7799"	E85°03'27.2604"	77.213	136.332
38	297397.682	2373261.118	N21°27'01.4636"	E85°02'41.7124"	95.437	154.559	92	298651.677	2372634.807	N21°26'41.6109"	E85°03'25.5262"	77.996	137.114
39	297447.517	2373257.568	N21°27'01.3684"	E85°02'43.4444"	93.144	152.265	93	298582.408	2372662.844	N21°26'42.4944"	E85°03'23.1089"	79.203	138.322
40	297499.414	2373253.867	N21°27'01.2692"	E85°02'45.2481"	92.966	152.087	94	298536.061	2372681.604	N21°26'43.0856"	E85°03'21.4815"	77.769	136.888
41	297550.055	2373250.257	N21°27'01.1724"	E85°02'47.0081"	92.206	151.328	95	298489.714	2372700.363	N21°26'43.6767"	E85°03'19.8741"	100.387	159.506
42	297548.689	2373306.996	N21°27'03.0163"	E85°02'46.9361"	86.205	145.325	96	298436.488	2372721.907	N21°26'44.3555"	E85°03'18.0166"	76.946	136.065
43	297547.301	2373364.647	N21°27'04.8988"	E85°02'46.8629"	83.103	142.222	97	298408.890	2372696.835	N21°26'43.5294"	E85°03'17.0691"	79.288	138.408
44	297546.091	2373414.866	N21°27'06.5218"	E85°02'46.7952"	82.778	141.896	98	298361.039	2372737.091	N21°26'44.8187"	E85°03'15.3903"	78.786	137.906
45	297513.018	2373422.804	N21°27'06.7684"	E85°02'45.6473"	83.58	142.698	99	298341.580	2372787.766	N21°26'46.4582"	E85°03'14.6927"	77.897	137.016
46	297469.362	2373425.119	N21°27'06.8240"	E85°02'44.1304"	84.328	143.447	100	298321.721	2372825.050	N21°26'47.6622"	E85°03'13.9871"	78.979	138.098
47	297417.313	2373430.902	N21°27'06.9909"	E85°02'42.3205"	85.899	145.058	101	298303.923	2372858.465	N21°26'48.7412"	E85°03'13.3546"	78.969	138.087
48	297369.354	2373436.231	N21°27'07.1446"	E85°02'40.6529"	85.945	145.065	102	298266.580	2372895.558	N21°26'49.9319"	E85°03'12.0420"	79.938	139.056
49	297320.055	2373441.708	N21°27'07.3027"	E85°02'38.9366"	86.216	145.336	103	298244.631	2372950.833	N21°26'51.7199"	E85°03'11.2560"	84.206	143.324
50	297287.791	2373445.293	N21°27'07.4061"	E85°02'37.8167"	86.427	145.547	104	298237.405	2372983.535	N21°26'52.7800"	E85°03'10.9875"	80.97	140.087
51	297225.022	2373468.313	N21°27'08.1289"	E85°02'35.6271"	86.907	146.028	105	298245.276	2373038.562	N21°26'54.5721"	E85°03'11.2405"	77.937	137.054
52	297144.775	2373497.742	N21°27'09.0530"	E85°02'32.8278"	89.504	148.625	106	298215.875	2373071.290	N21°26'55.6239"	E85°03'10.1846"	75.909	135.025
53	297145.837	2373431.768	N21°27'06.9088"	E85°02'32.8933"	94.211	153.333	107	298187.068	2373102.062	N21°26'56.6128"	E85°03'09.1919"	75.949	135.065
							108	298128.815	2373101.442	N21°26'56.5691"	E85°03'07.1694"	78.962	138.079