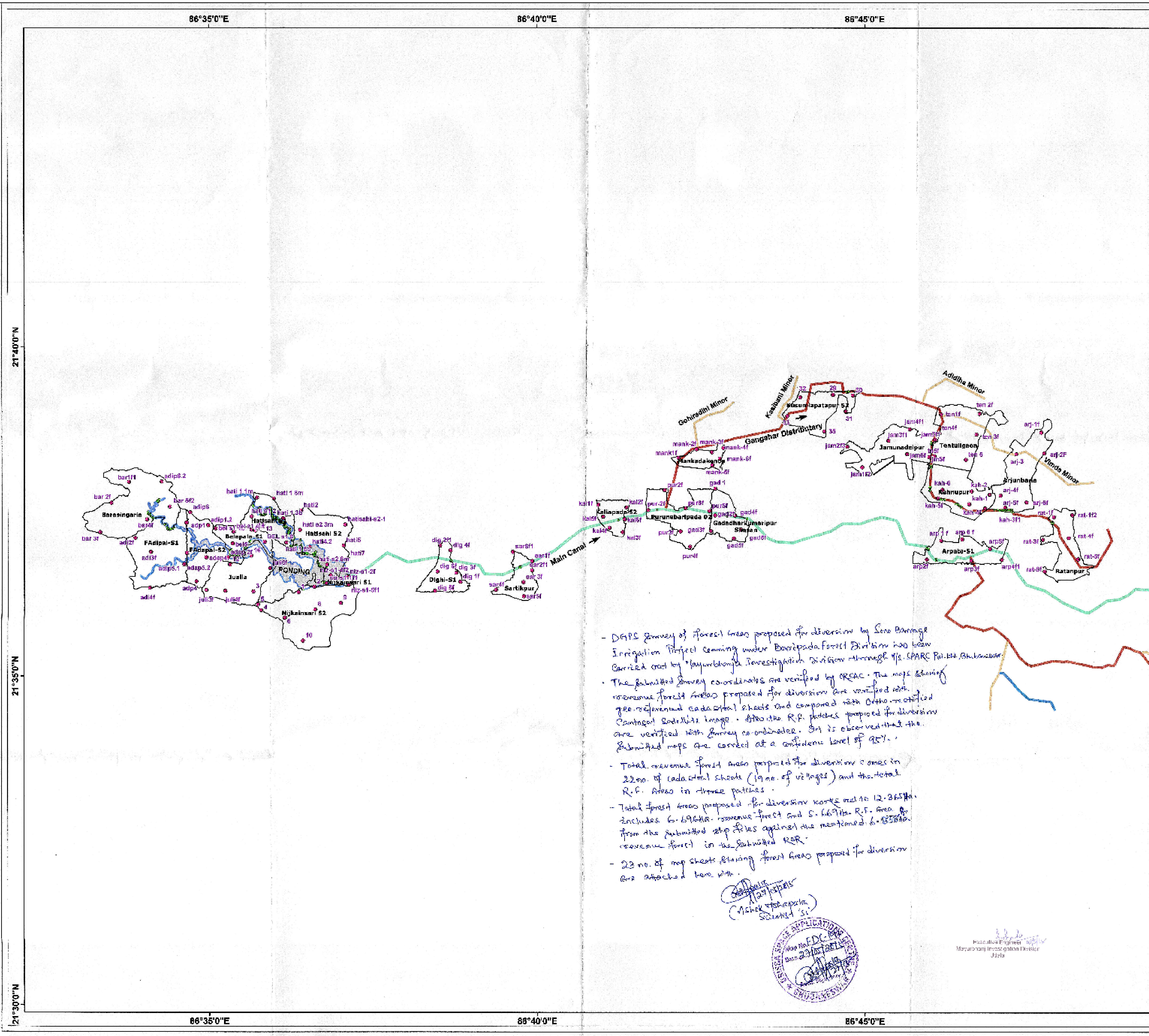




- DGPS survey of forest areas proposed for diversion by Soro Barrage Irrigation Project coming under Baripada Forest Division has been carried out by Mayurbhanj Investigation Division through the SPARS P.O. Baripada.
- The submitted survey coordinates are verified by OREC. The map showing revenue forest areas proposed for diversion are verified with geo-referenced cadastral sheets and compared with orthorectified Contour Satellite image. Also the R.P. patches proposed for diversion are verified with survey coordinates. It is observed that the submitted maps are correct at a confidence level of 95%.
- Total revenue forest area proposed for diversion comes in 22 no. of cadastral sheets (9 no. of villages) and the total R.P. area is three patches.
- Total forest area proposed for diversion comes out to 12,365 Ha. includes 6,676 Ha. revenue forest and 5,689 Ha. R.P. area from the submitted map sheets against the mentioned 6,676 Ha. revenue forest in the submitted R.P.
- 23 no. of map sheets showing forest areas proposed for diversion are attached here with.

(Signature)
District Surveyor
Mayurbhanj District
Baripada

Project Engineer
Mayurbhanj District
Baripada

Area Statement of Forest Plot										
Village Name	Patch No	Plot No	Proposed Forest Area for diversion		DGPS Surveyed Area		Kham			
			Acres	Hectares	Acres	Hectares	Sabit / DLC			
Badasingaria	P-1	939 (P)	0.03	0.012	0.027	0.011	Asau (Sabit Kham Jungle)			
		940	0.070	0.028	0.059	0.024	Asau (Sabit Kham Jungle)			
	P-2	974 (P)	0.570	0.028	0.075	0.031	Dahi-1 (Sabit Kham Jungle)			
	P-3	893 (P)	0.570	0.028	0.064	0.026	Asau (Sabit Kham Jungle)			
	P-4	1105 (P)	0.240	0.218	0.082	0.032	Sarada-1 (Sabit Kham Jungle)			
Adapal S1	P-6	2035 (P)	0.10	0.043	0.108	0.044	Asau (Sabit Kham Jungle)			
		2033 (P)	0.270	0.238	0.074	0.030	Sarada-1 (Sabit Kham Jungle)			
	P-5	1103 (P)	0.30	0.053	0.142	0.057	Ganyu Jungle			
	P-7	78 (P)	0.10	0.04	0.048	0.020	Jungle			
	P-8	39	0.00	0.040	0.067	0.024	Jungle			
Adapal S2	P-9	105 (P)	0.310	0.126	0.043	0.183	Ganyu Jungle			
	P-10	221	0.550	0.263	0.072	0.272	Jung			
Belpal S1	P-11	186 (P)	1.760	0.720	1.766	0.715	Ganyu Jungle			
	P-12	291 (P)	0.080	0.032	0.083	0.034	Ganyu Jungle			
	P-13	149	0.10	0.043	0.152	0.062	Jung			
	P-15	85	0.180	0.038	0.048	0.020	Jung			
		465	0.20	0.249	0.137	0.055	Jung			
Nickalnarai S2	P-14	466	0.50	0.261	0.014	0.005	Jung			
	P-27	1078	0.210	0.268	0.233	0.094	Ganyu Jungle			
	P-28	1015 (P)	0.10	0.004	0.006	0.004	Ganyu Jungle			
	P-29	939	0.80	0.273	0.164	0.066	Ganyu Jungle			
	P-30	938	0.560	0.020	0.069	0.029	Ganyu Jungle			
Hatsahi S1	P-31	938	0.10	0.245	0.105	0.044	Ganyu Jungle			
	P-32	939	0.290	0.038	0.048	0.020	Ganyu Jungle			
	P-33	920	0.280	0.105	0.082	0.036	Ganyu Jungle			
	P-34	8.8	0.210	0.004	0.062	0.003	Ganyu Jungle			
	P-35	891	0.410	0.156	0.078	0.152	Ganyu Jungle			
Hatsahi S2	P-36	739	0.000	0.038	0.004	0.038	Ganyu Jungle			
	P-37	728	0.003	0.012	0.025	0.010	Ganyu Jungle			
	P-38	724	0.242	0.067	0.244	0.099	Ganyu Jungle			
	P-39	698 (P)	0.252	0.101	0.233	0.102	Ganyu Jungle			
	P-40	653	0.552	0.235	0.362	0.227	Ganyu Jungle			
Hatsahi S2	P-41	158	0.102	0.040	0.036	0.036	Ganyu Jungle			
	P-42	82	0.092	0.038	0.075	0.03	Ganyu Jungle			
		751	0.302	0.121	0.274	0.11	Ganyu Jungle			
	P-43	176	0.152	0.061	0.145	0.063	Ganyu Jungle			
	P-44	142	0.212	0.085	0.232	0.094	Ganyu Jungle			
Hatsahi S2	P-45	178	0.052	0.012	0.043	0.017	Ganyu Jungle			
	P-46	165	0.142	0.057	0.122	0.043	Ganyu Jungle			
	P-47	281 (P)	0.103	0.040	0.036	0.035	Ganyu Jungle			
	P-48	428	0.070	0.029	0.083	0.033	Ganyu Jungle			
	P-16	1931	0.110	0.045	0.126	0.062	Ganyu Jungle			
Hatsahi S2	P-17	1912	0.092	0.032	0.126	0.061	Ganyu Jungle			
	P-18	1806	0.500	0.21	0.342	0.138	Ganyu Jungle			
	P-19	1438	0.280	0.105	0.253	0.102	Ganyu Jungle			
	P-20	1431	0.250	0.01	0.184	0.086	Ganyu Jungle			
	P-21	1300	0.410	0.166	0.444	0.180	Ganyu Jungle			
Dighi S1	P-22	1267	0.080	0.038	0.122	0.045	Ganyu Jungle			
	P-23	1251	0.879	0.60	0.294	0.129	Ganyu Jungle			
	P-24	1293	0.282	0.13	0.298	0.120	Ganyu Jungle			
	P-25	1257	0.059	0.212	0.031	0.013	Ganyu Jungle			
	P-26	1254	0.059	0.212	0.043	0.017	Ganyu Jungle			
Sankapur	P-49	1011(P)	0.069	0.024	0.081	0.028	Ganyu Jungle			
	P-50	48	0.020	0.008	0.036	0.014	Ganyu Jungle			
	P-51	50	0.020	0.008	0.025	0.010	Ganyu Jungle			
	P-52	887 (P)	0.010	0.046	0.011	0.004	Ganyu Jungle			
	P-53	849	0.010	0.004	0.005	0.004	Ganyu Jungle			
Purura Baripada S2	P-54	659	0.010	0.004	0.008	0.004	Ganyu Jungle			
	P-55	373 (P)	0.039	0.212	0.033	0.013	Ganyu Jungle			
	P-56	382	0.010	0.004	0.005	0.003	Ganyu Jungle			
	P-57	827	0.020	0.008	0.030	0.012	Ganyu Jungle			
	P-58	55 (P)	0.430	0.174	0.442	0.175	Ganyu Jungle			
Anapala S1	P-59	185	0.070	0.029	0.077	0.031	Ganyu Jungle			
	P-60	12 (P)	0.020	0.008	0.018	0.007	Ganyu Jungle			
	P-77	882	0.460	0.055	2.205	0.233	Ganyu Jungle			
	Tentulgaon		83 (P)	0.040	0.015	0.055	0.022	Ganyu Jungle (DLC)		
		P-78		84 (P)	0.050	0.020	0.061	0.025	Ganyu Jungle (DLC)	
		86 (P)	0.190	0.077	0.178	0.071	Ganyu Jungle (DLC)			
		88 (P)	0.080	0.024	0.054	0.022	Ganyu Jungle (DLC)			
		1142 (P)	0.030	0.012	0.036	0.016	Ganyu Jungle (DLC)			
Jamunadeipur	P-80	1 (P)	0.570	0.237	0.367	0.250	Ganyu Jungle (DLC)			
		5 (P)	0.130	0.053	0.156	0.056	Ganyu Jungle (DLC)			
		109 (P)	0.060	0.024	0.074	0.030	Ganyu Jungle (DLC)			
		110 (P)	0.010	0.004	0.015	0.006	Ganyu Jungle (DLC)			
		165	0.020	0.009	0.018	0.007	Ganyu Jungle (DLC)			
Kahnurpur		159	0.030	0.012	0.028	0.012	Ganyu Jungle (DLC)			
		159	0.040	0.018	0.044	0.018	Ganyu Jungle (DLC)			
		228 (P)	0.040	0.015	0.041	0.012	Ganyu Jungle (DLC)			
	P-82	229 (P)	0.850	0.344	0.844	0.342	Ganyu Jungle (DLC)			
		230	0.070	0.028	0.080	0.032	Ganyu Jungle (DLC)			
Ratanpur S2	P-84	149 (P)	0.240	0.027	0.225	0.056	Sarada-2 (Sabit Kham Jungle)			
		985 (P)	1.890	0.884	1.718	0.856	Ganyu Jungle			
		986 (P)	0.280	0.105	0.285	0.115	Ganyu Jungle			
		987 (P)	0.250	0.101	0.218	0.085	Ganyu Jungle			
		991 (P)	0.410	0.165	0.367	0.151	Ganyu Jungle			
Arjunbaria		552 (P)	0.110	0.045	0.125	0.043	Ganyu Jungle			
		1062 (P)	0.280	0.113	0.259	0.119	Ganyu Jungle (DLC)			
	Total		18.28	6.89	18.84	8.89				

RF Area Statement			
RF Name	Patch No	DGPS Surveyed Area	
		Acres	Hectares
Kahnurpur RF	Patch-1	4.075	1.549
	Patch-2	1.978	0.800
	Patch-3	7.958	3.220
Total		14.009	5.569

DGPS Survey Conducted and Map Prepared by :-
Spatial Planning And Analysis Research Centre Pvt. Ltd.,
E/11,Incoffity, Chandaka Industrial Estate,
Bhubaneswar - 751024.

RF Area Statement			
RF Name	Patch No	DGPS Surveyed Area	
		Acres	Hectares
Kahnurpur RF	Patch-1	4.075	1.649
	Patch-2	1.878	0.800
	Patch-3	7.958	3.220
Total		14.009	5.689

INDEX MAP

Map Showing DGPS Surveyed Co-ordinates and Boundary of Forest

Area Proposed to be Diverted for Soro Irrigation Project

Forest Division-Baripada, District - Mayurbhanj, Odisha

Scale : 1:50,000

Forest Pillar
 Village Boundary
 Distributary Canal
 Main Canal
 DGPS Observation Point
 Forest Patch
 Ponding
 Minor Canal

CO-ORDINATES OF SCP/DGPS OBSERVATION POINT

DGPS Observation Point	UTM CO-ORDINATE		GEO-GRAPHIC CO-ORDINATE		DGPS Observation Point	UTM CO-ORDINATE		GEO-GRAPHIC CO-ORDINATE	
	Eastings	Northing	Longitude	Latitude		Eastings	Northing	Longitude	Latitude
adip6.2	455628.916	2392221.279	E86°34'16.43911"	N21°37'57.30271"	kal1f	467116.539	2391546.623	E86°40'56.10773"	N21°37'38.26561"
bar 2f	454303.729	2391630.803	E86°33'30.39851"	N21°37'37.97033"	kal2f	467856.309	2391474.226	E86°41'21.84632"	N21°37'33.85053"
bar 3f	454004.588	2390810.286	E86°33'20.07363"	N21°37'11.26217"	kal3f	467755.881	2390785.432	E86°41'18.40094"	N21°37'11.54094"
bar 5f2	458644.118	2391519.366	E86°34'23.96232"	N21°37'34.48228"	kal4f	467408.689	2390908.484	E86°41'08.31554"	N21°37'15.45518"
bar1f1	486153.979	2398917.936	E86°51'58.48487"	N21°55'05.60366"	kal5f	467244.728	2391215.474	E86°41'00.58034"	N21°37'25.49438"
bar4f	455242.376	2391161.942	E86°34'03.09514"	N21°37'22.81297"	kal6f	467809.083	2391138.685	E86°41'20.22612"	N21°37'23.06635"
adap5.2	456214.230	2398980.793	E86°34'37.02090"	N21°38'41.55573"	pur-2f	468431.211	2391396.514	E86°41'41.85001"	N21°37'31.45991"
ad2f	454634.620	2390338.301	E86°33'52.44100"	N21°37'05.75380"	pur3f	468959.005	2391949.156	E86°41'57.04717"	N21°37'49.48258"
ad3f	455338.509	2390243.716	E86°34'06.56248"	N21°36'52.99541"	pur4f	469282.116	2390803.886	E86°42'11.48857"	N21°37'12.23732"
ad4f	455210.349	2398235.513	E86°34'05.64567"	N21°38'20.16194"	pur5f	469344.041	2390368.028	E86°42'20.28069"	N21°38'57.75179"
adp1	456276.125	2391067.507	E86°34'39.06252"	N21°37'18.83392"	pur6f	470045.471	2391386.849	E86°42'38.00489"	N21°37'30.59542"
adap2f	457358.220	2390032.622	E86°35'16.79327"	N21°36'47.89488"	pur7f	469414.793	2391446.782	E86°42'16.06113"	N21°37'33.15571"
adap4	456795.807	2390085.486	E86°34'57.23100"	N21°36'47.93924"	gad1	470199.684	2391994.651	E86°42'43.32884"	N21°37'51.02432"
adip1.2	456838.324	2390696.988	E86°34'58.62483"	N21°37'17.58965"	gad2f	470193.269	2391246.575	E86°42'43.15391"	N21°37'26.89238"
adip5.1	456287.293	2390211.769	E86°34'36.53183"	N21°36'52.00166"	gad3f	470082.134	2390811.713	E86°42'39.31618"	N21°37'12.54157"
adip6	456372.375	2391356.663	E86°34'42.38324"	N21°37'28.24723"	gad4f	470718.163	2391237.206	E86°43'01.41274"	N21°37'29.41901"
adp4	456528.284	2398411.412	E86°34'47.91901"	N21°36'25.99182"	gad5f	470886.442	2390662.420	E86°43'00.35051"	N21°37'05.44527"
14	458080.735	2390943.806	E86°34'51.85502"	N21°37'12.71427"	gad6f	470871.441	2390848.878	E86°43'06.76950"	N21°37'13.73242"
17	457581.803	2390868.020	E86°35'38.41158"	N21°37'13.49337"	erp11	476144.529	2390520.230	E86°46'10.20829"	N21°37'03.39302"
bel s1 1b	457041.539	2390520.230	E86°46'10.20829"	N21°37'13.49337"	erp6f	476692.927	2390557.440	E86°46'29.28222"	N21°37'04.62872"
bel s1 4m	457513.046	2390816.383	E86°35'22.11111"	N21°37'11.77383"	arp2f	475782.833	2398968.926	E86°45'56.95188"	N21°36'45.31838"
BEL s1 6	458329.204	2390522.985	E86°35'50.52667"	N21°37'02.30045"	arp3f	476934.528	2398955.938	E86°45'37.71559"	N21°36'45.07051"
bel5	457485.541	2390473.315	E86°35'21.18589"	N21°37'00.81318"	arp4f	477339.037	2398988.706	E86°45'56.99722"	N21°36'46.11136"
12	457411.104	2398988.068	E86°35'18.65104"	N21°36'41.40981"	arp5f	477428.450	2390288.424	E86°45'54.87937"	N21°36'55.64341"
16	457872.342	2390313.141	E86°35'38.14843"	N21°36'49.32948"	man1-2f	469710.444	2393058.219	E86°42'28.23738"	N21°38'28.88864"
3	458023.050	2398931.084	E86°35'40.00385"	N21°36'17.00278"	man1-3f	470115.309	2393018.318	E86°42'40.32763"	N21°38'24.24942"
jul13f	458788.681	2398971.064	E86°34'57.05781"	N21°36'18.19935"	man1-4f	470415.078	2398133.389	E86°42'50.74984"	N21°38'28.07622"
jul14f	457285.522	2398145.908	E86°35'14.35110"	N21°36'17.42184"	man1-5f	470124.262	2392658.620	E86°42'40.66224"	N21°38'12.61566"
jul16f	458475.688	2398783.231	E86°35'55.88816"	N21°36'38.25214"	man1-6f	470219.625	2392837.627	E86°42'47.44709"	N21°38'18.44973"
1	458218.928	2398108.970	E86°36'21.83345"	N21°36'16.38351"	man1f	469232.482	2392858.449	E86°42'59.62538"	N21°38'19.06052"
10	458243.318	2387750.848	E86°36'26.04424"	N21°36'12.22039"		473292.871	2394821.446	E86°44'30.77952"	N21°38'19.60882"
4	458228.165	2388602.688	E86°34'47.18544"	N21°36'58.83392"	31	473816.332	2394605.384	E86°44'48.96317"	N21°38'18.14453"
5	458144.204	2388763.972	E86°34'54.25079"	N21°36'50.07284"	31	473624.446	2394156.043	E86°44'42.34259"	N21°38'01.51928"
9	458662.472	2388394.148	E86°36'09.29460"	N21°36'53.10421"	32	472432.865	2394555.095	E86°44'50.86160"	N21°38'14.40810"
8	458656.046	2388919.696	E86°36'36.84446"	N21°36'50.50545"	37	472095.703	2394028.698	E86°43'49.18273"	N21°38'67.28209"
9	458628.692	2388803.666	E86°37'00.25758"	N21°36'50.54324"	37	473055.912	2393851.576	E86°44'22.94314"	N21°38'43.12855"
2	458632.622	2389254.536	E86°36'35.97058"	N21°36'21.15191"	ten 2f	477157.858	2394083.934	E86°45'46.27822"	N21°38'59.34662"
niz-s-11f1	458656.268	2389552.894	E86°36'47.26273"	N21°36'24.37746"	ten 3f	477074.768	2393504.233	E86°45'42.41839"	N21°38'59.49522"
niz-s1-2f	460508.040	2389529.231	E86°37'06.43335"	N21°36'30.15711"	ten 6	476795.665	2392796.473	E86°46'32.74314"	N21°38'17.45758"
niz-s1-4d2	460067.203	2389573.203	E86°36'51.06193"	N21°36'31.55185"	ten1f	476142.694	2394085.876	E86°46'09.98143"	N21°38'55.74708"
niz-s1-5f1	460636.635	23899310.471	E86°37'07.51268"	N21°36'23.04430"	ten4f	476088.687	2393541.771	E86°46'08.36725"	N21°38'41.66562"
13	458256.428	2391001.230	E86°36'48.95568"	N21°37'17.85181"	ten5f	475957.984	2392887.829	E86°46'03.84378"	N21°38'20.71074"
hat1 1m	458218.206	2391765.707	E86°36'43.42280"	N21°37'42.70814"	jam1f2	474061.495	2392598.570	E86°44'57.63627"	N21°38'10.55951"
hat1 13b	458818.517	2391185.708	E86°36'07.48757"	N21°37'23.86655"	jam2f3	473687.163	2393162.972	E86°44'43.88538"	N21°38'29.22414"
hat1 16m	458765.689	2391741.209	E86°36'58.89148"	N21°37'41.94402"	jam3f4	474748.497	2393331.026	E86°45'21.49534"	N21°38'24.72381"
hat1 s1 2	457983.913	2391242.243	E86°36'38.45011"	N21°37'26.66519"	jam4f5	475310.799	2393853.947	E86°45'41.04058"	N21°38'45.27589"
hat1 5b0	458901.430	2390495.880	E86°36'10.43294"	N21°37'01.48671"	jam6f	475242.021	2392954.451	E86°45'38.88620"	N21°38'22.52042"
hat1 s2 3m	458054.226	2390959.426	E86°36'23.02019"	N21°37'13.32109"	jam7f8	475884.996	2393357.031	E86°46'04.51745"	N21°38'35.65134"
hat1 s2 6m	458075.035	2390876.880	E86°36'47.82998"	N21°36'41.41507"	jam9f	475880.793	2392870.628	E86°45'59.17129"	N21°38'35.82322"
hat2	458293.243	2391404.783	E86°36'23.68162"	N21°37'31.06084"	kat-1	476945.801	2391913.885	E86°46'38.10122"	N21°37'48.75786"
hat4.5	458513.361	2390372.178	E86°36'51.72873"	N21°36'57.49373"	kat-2	477420.811	2391820.873	E86°46'54.54236"	N21°37'45.75449"
hat5	458041.088	2390410.230	E86°37'03.02068"	N21°36'58.80124"	kat3f1	477300.979	2391437.244	E86°46'50.38917"	N21°37'38.72143"
hat6	460523.308	2390043.500	E86°37'06.86575"	N21°36'46.88496"	kat4f	476882.237	2391553.254	E86°46'35.81703"	N21°37'37.02513"
hatishah-s2.1	460456.646	2391007.571	E86°37'02.48471"	N21°37'18.32682"	kat5f	476058.412	2391717.468	E86°46'42.41839"	N21°37'42.32678"
dig 1f	463747.343	2398384.950	E86°38'46.68610"	N21°36'25.69348"	kat6	476175.873	2391953.827	E86°46'11.22470"	N21°37'50.02052"
dig 2f	462254.545	2390043.346	E86°38'31.39891"	N21°36'58.79846"	kat7f	478105.289	2391189.854	E86°47'04.55231"	N21°37'22.56431"
dig 3f	463368.008	2398638.894	E86°38'48.86317"	N21°36'33.94370"	kat12	475953.241	2391240.947	E86°46'10.13635"	N21°37'26.98314"
dig 4f	463224.898	2390266.414	E86°38'40.43577"	N21°36'54.34342"	rat3f	478819.580	2390945.434	E86°47'43.25597"	N21°37'04.33181"
dig 5f	463100.889	2398134.227	E86°38'26.51933"	N21°36'17.48770"	rat4f	479487.710	2390597.848	E86°48'06.84174"	N21°37'06.05617"
dig 6f	462877.535	2398875.598	E86°38'28.80068"	N21°36'38.19719"	rat5f	479744.764	2398999.349	E86°48'15.46149"	N21°36'06.60072"
sa1	461355.863	2398837.405	E86°38'47.81684"	N21°36'25.50129"	rat6f	478556.828	2398958.796	E86°47'44.93991"	N21°36'55.45527"
sa1f1	465369.878	2398966.396	E86°38'55.40674"	N21°36'44.73902"	arf1f	478785.654	2393561.107	E86°47'41.70053"	N21°36'42.41689"
sa1f2f	465364.707	2398708.301	E86°38'55.30645"	N21°36'36.34493"	arf2f	478657.797	2392877.734	E86°47'44.39768"	N21°36'42.25084"
sa1f3	464412.232	2398156.405	E86°38'22.02014"	N21°36'18.32672"	arf3f	478122.633	2392852.172	E86°47'18.85947"	N21°36'42.56431"
sa1f4	465445.331	2398981.400	E86°38'47.73017"	N21°36'12.86878"	arf4f	478705.628	2391796.172	E86°47'04.55231"	N21°37'22.56431"
sa1f5	448460.705	2390224.945	E86°38'37.73718"	N21°36'53.11347"	arf5f	477830.284	2391480.227	E86°47'08.80041"	N21°37'34.04277"
					arf6f	476390.544	2391603.483	E86°47'28.29922"	N21°37'38.72737"