

SWAMAMLAI BLOCK FOREST,SANDUR TALUK,BALLARI DISTRICT.

DGPS INSTRUMENTS: TRIMBLE R6, R8 & R10

DATE OF SURVEY :- 11-04-2018 TO 28-04-2018

Point ID	TOTAL STATION READINGS		DGPS COORDINATES, Datum: WGS 84,Projection : UTM_ZONE_43P NORTH			
	X	Y	Latitude	Longitude	Northing	Easting
SOI-BLR 09/BASE STATION	-----	-----	15°01'46.937"	76°34'38.497"	1662216.896	669573.228
GTS-SI 51 (MSL : 844)	-----	-----	15°04'38.93217"	76°33'53.80403"	1667493.417	668200.808
K-1/LBS-1 (VSL/JSW)	4027.850	6544.399	15°03'40.267"	76°34'51.800"	1665702.768	669945.638
K-2	4317.353	6612.994	15°03'43.58777"	76°35'01.15598"	1665806.848	670224.313
K-3	4201.321	6394.620	15°03'36.08886"	76°34'58.16315"	1665575.736	670136.588
K-4	4161.814	5943.316	15°03'21.35242"	76°34'58.61061"	1665122.925	670153.203
K-5	4939.450	4809.548	15°02'47.70741"	76°35'28.92930"	1664095.399	671066.143
K-6	5184.641	3698.763	15°02'12.75765"	76°35'41.46955"	1663023.960	671448.441
K-7/LBS-L (BMM)	5086.762	3667.895	15°02'11.39010"	76°35'38.33528"	1662981.254	671355.130
K-8	4413.591	3443.444	15°02'01.54312"	76°35'16.85106"	1662673.994	670715.613
K-9/LBS-A (BMM)	4609.483	2872.209	15°01'43.84657"	76°35'25.62412"	1662131.997	670981.567
K-10/LBS-Q (BMM)	4736.274	2914.062	15°01'45.68789"	76°35'29.67496"	1662189.459	671102.155
K-11/LBS-N (BMM)	5196.024	3074.790	15°01'52.64912"	76°35'44.32019"	1662406.561	671538.050
K-12/LBS-M (BMM)	5234.214	3086.296	15°01'53.16930"	76°35'45.54410"	1662422.812	671574.491
K-13	5149.652	3442.429	15°02'04.34444"	76°35'41.31890"	1662765.356	671445.809
K-14	5388.381	3470.141	15°02'06.15548"	76°35'49.14609"	1662822.706	671679.193
K-15	5556.107	3469.027	15°02'06.76399"	76°35'54.72458"	1662842.614	671845.678
K-16	5691.088	3305.935	15°02'02.01519"	76°35'59.85396"	1662697.774	671999.942
K-17	5947.592	2201.280	15°01'27.30734"	76°36'12.74819"	1661633.856	672392.819
K-18	5443.435	2164.266	15°01'24.15083"	76°35'56.14312"	1661533.249	671897.528
K-19	5140.847	2015.140	15°01'18.17087"	76°35'46.67892"	1661347.418	671616.159
K-20	4316.002	2317.174	15°01'24.77481"	76°35'18.06409"	1661544.224	670759.969
K-21	3947.770	2798.741	15°01'38.91556"	76°35'03.91779"	1661975.789	670334.304
K-22	3903.864	3240.205	15°01'53.00821"	76°35'00.71429"	1662408.223	670235.513
K-23	4152.255	3336.576	15°01'57.08111"	76°35'08.58877"	1662535.086	670469.815
K-24	3860.292	4207.127	15°02'24.06562"	76°34'55.42705"	1663361.602	670070.750
K-25	4058.821	4272.226	15°02'26.92721"	76°35'01.76893"	1663450.908	670259.536
K-26	3884.941	4877.011	15°02'45.80071"	76°34'53.61483"	1664029.216	670011.837
K-27	3661.899	4825.499	15°02'43.28769"	76°34'46.40294"	1663950.438	669796.994
K-28	3402.216	5529.116	15°03'05.02503"	76°34'35.00291"	1664616.073	669451.739
K-29	3541.492	5670.109	15°03'10.11033"	76°34'39.08232"	1664773.234	669572.457
K-30	3491.494	5834.370	15°03'15.22147"	76°34'36.77508"	1664929.826	669502.426

DGPS COORDINATES OF CONCENTRATE ORE LOADING FACILITIES

SL.NO	Point ID	Latitude	Longitude	Northing	Easting
1	C-1	15.03904857	76.59407115	1663263.606	671362.675
2	C-2	15.0387272	76.59640878	1663229.865	671614.284
3	C-3	15.03831629	76.59646443	1663184.445	671620.597
4	C-10	15.03786671	76.59652293	1663134.748	671627.247
5	C-11	15.03748042	76.59657516	1663092.048	671633.172
6	C-12	15.03730134	76.59469765	1663070.775	671431.435
7	M-1	15.03902168	76.59425323	1663260.772	671382.275
8	M-2	15.03899756	76.59443842	1663258.247	671402.206
9	M-3	15.03897247	76.59462293	1663255.615	671422.066
10	M-4	15.03894736	76.59480728	1663252.98	671441.908
11	M-5	15.03892215	76.59499178	1663250.334	671461.766
12	M-6	15.03889688	76.59517546	1663247.68	671481.536
13	M-7	15.03887153	76.59536003	1663245.019	671501.403
14	M-8	15.0388453	76.59554429	1663242.26	671521.236
15	M-9	15.03882072	76.59572819	1663239.683	671541.029
16	M-10	15.03879532	76.59591257	1663237.016	671560.875
17	M-11	15.03876994	76.59609619	1663234.351	671580.639
18	M-12	15.03874509	76.59628048	1663231.745	671600.474
19	M-13	15.03854705	76.59643241	1663209.951	671616.969
20	M-13A	15.0383688	76.59645612	1663190.248	671619.661
21	M-14	15.03768722	76.59654663	1663114.907	671629.939
22	M-14A	15.03750749	76.59657084	1663095.04	671632.686
23	M-15	15.03746303	76.59638916	1663089.98	671613.186
24	M-16	15.03744494	76.59620404	1663087.834	671593.295
25	M-17	15.03742727	76.59601894	1663085.735	671573.407
26	M-18	15.03740931	76.59583406	1663083.604	671553.542
27	M-19	15.0373916	76.59564883	1663081.501	671533.639
28	M-20	15.0373737	76.59546381	1663079.377	671513.759
29	M-21	15.03735623	76.5952786	1663077.3	671493.858
30	M-22	15.03733858	76.5950939	1663075.204	671474.013
31	M-23	15.03732101	76.59490855	1663073.116	671454.097
32	M-23A	15.03730363	76.59472304	1663071.049	671434.164
33	M-24	15.03747168	76.59463665	1663089.575	671424.74
34	M-25	15.03764269	76.59457582	1663108.449	671418.063
35	M-26	15.03781316	76.59451464	1663127.262	671411.348
36	M-27	15.03798522	76.5944527	1663146.251	671404.551
37	M-28	15.03815448	76.59439271	1663164.932	671397.965
38	M-29	15.03832528	76.59433097	1663183.782	671391.19

39	M-30	15.03849616	76.59427035	1663202.641	671384.535
40	M-31	15.03866663	76.59420928	1663221.455	671377.833
41	M-32	15.03883726	76.59414816	1663240.286	671371.124
42	M-33	15.0390079	76.59408611	1663259.118	671364.316

DGPS COORDINATES OF RAILWAY SIDING POINTS					
Slno	Point ID	Latitude	Longitude	Northing	Easting
1	C4	15.04301859	76.60281226	1663709.665	672299.368
2	C5	15.04334029	76.6022465	1663744.817	672238.278
3	C6	15.04451169	76.60348305	1663875.389	672370.293
4	C7	15.04329297	76.60491154	1663741.663	672524.867
5	C8	15.0423044	76.60407236	1663631.629	672435.431
6	C9	15.04275194	76.60328563	1663680.532	672350.48
7	N1	15.04310968	76.60265262	1663719.619	672282.13
8	N2	15.04320211	76.60249099	1663729.719	672264.677
9	N2A	15.04329217	76.6023306	1663739.558	672247.359
10	N3	15.04346752	76.602378	1663758.997	672252.315
11	N4	15.04359538	76.60251043	1663773.247	672266.451
12	N5	15.04372326	76.60264173	1663787.498	672280.466
13	N6	15.04385035	76.60277335	1663801.662	672294.516
14	N7	15.04397827	76.60290606	1663815.92	672308.682
15	N8	15.04410551	76.60303704	1663830.1	672322.663
16	N9	15.04423289	76.6031692	1663844.297	672336.771
17	N9A	15.0442461	76.60318226	1663845.769	672338.165
18	N10	15.04409561	76.60328474	1663829.198	672349.305
19	N11	15.04394441	76.60338904	1663812.55	672360.641
20	N12	15.04379476	76.60349052	1663796.072	672371.672
21	N13	15.04364396	76.60359401	1663779.468	672382.921
22	N14	15.04349343	76.60369854	1663762.895	672394.281
23	N15	15.04334324	76.60380003	1663746.357	672405.314
24	N16	15.04319713	76.6039113	1663730.277	672417.396
25	N17	15.04305273	76.60402112	1663714.386	672429.32
26	N18	15.04290792	76.60413239	1663698.451	672441.401
27	N19	15.04276224	76.60424354	1663682.42	672453.469
28	N20	15.04262788	76.60434618	1663667.634	672464.613
29	N21	15.04258328	76.60430865	1663662.67	672460.614
30	N22	15.04244394	76.60418974	1663647.16	672447.94
31	N23	15.04239607	76.60391069	1663641.646	672417.974
32	N24	15.04248698	76.60374994	1663651.579	672400.617

33	N25	15.04257835	76.60358955	1663661.563	672383.298
34	N26	15.04266995	76.60342919	1663671.572	672365.982

DGPS COORDINATES OF CONVEYOR BELT					
Sl No.	Point ID	Latitude	Longitude	Northing	Easting
1	P1	15.03832511	76.59664871	1663185.564	671640.404
2	P2	15.03833617	76.5968344	1663186.932	671660.362
3	P3	15.03835089	76.59701965	1663188.705	671680.269
4	P4	15.03836849	76.59720488	1663190.796	671700.172
5	P5	15.03838955	76.59738975	1663193.27	671720.033
6	P6	15.03841484	76.59757353	1663196.211	671739.773
7	P7	15.03844383	76.59775741	1663199.562	671759.522
8	P8	15.03847752	76.59794021	1663203.432	671779.15
9	P9	15.03851517	76.59812167	1663207.739	671798.632
10	P10	15.03855781	76.5983028	1663212.597	671818.073
11	P11	15.03860504	76.59848199	1663217.962	671837.303
12	P12	15.0386581	76.59865982	1663223.971	671856.381
13	P13	15.03871739	76.5988357	1663230.668	671875.245
14	P14	15.03878389	76.599007	1663238.16	671893.611
15	P15	15.03886062	76.59917737	1663246.782	671911.868
16	P16	15.03894904	76.59933998	1663256.692	671929.282
17	P17	15.03904688	76.59949587	1663267.638	671945.966
18	P18	15.03915231	76.59964622	1663279.42	671962.047
19	P19	15.03926066	76.5997955	1663291.525	671978.012
20	P20	15.03936818	76.59994521	1663303.538	671994.023
21	P21	15.03947698	76.60009354	1663315.691	672009.885
22	P22	15.0395931	76.60023622	1663328.65	672025.133
23	P23	15.03972134	76.60036685	1663342.941	672039.076
24	P24	15.03986637	76.60047746	1663359.074	672050.853
25	P25	15.04002301	76.60057148	1663376.478	672060.837
26	P26	15.04018498	76.60065267	1663394.462	672069.437
27	P27	15.0403516	76.60072705	1663412.955	672077.301
28	P28	15.04051842	76.60079813	1663431.468	672084.81
29	P29	15.04068624	76.60086678	1663450.089	672092.057
30	P30	15.04085462	76.6009346	1663468.772	672099.214
31	P31	15.04102283	76.60100229	1663487.436	672106.357
32	P32	15.04119079	76.60107044	1663506.073	672113.55
33	P33	15.04135825	76.60114103	1663524.656	672121.006
34	P34.	15.04152335	76.60121625	1663542.982	672128.961

35	P35	15.04168446	76.60130062	1663560.873	672137.904
36	P36	15.04183983	76.60139536	1663578.138	672147.965
37	P37	15.04198772	76.60150269	1663594.585	672159.387
38	P38	15.04212731	76.60162063	1663610.121	672171.956
39	P39	15.04226158	76.60174671	1663625.076	672185.405
40	P40	15.04238917	76.60187746	1663639.294	672199.361
41	P41	15.04251389	76.60201159	1663653.198	672213.683
42	P42	15.04263692	76.6021476	1663666.917	672228.209
43	P43	15.0427005	76.60221998	1663674.008	672235.94
44	P44	15.04275024	76.60229257	1663679.568	672243.705
45	P45	15.04283521	76.60245706	1663689.098	672261.323
46	P46	15.0429201	76.60262141	1663698.619	672278.926
47	P46-A	15.04300468	76.60278554	1663708.105	672296.506
48	P47	15.04269661	76.60317901	1663674.326	672339.061
49	P48	15.0426108	76.60301515	1663664.704	672321.511
50	P49	15.04252636	76.60284934	1663655.232	672303.75
51	P50	15.04244171	76.60268523	1663645.738	672286.173
52	P51	15.0423574	76.60252236	1663636.283	672268.728
53	P52	15.04223813	76.60238871	1663622.982	672254.454
54	P53	15.04211418	76.60225375	1663609.162	672240.042
55	P54	15.04198759	76.6021211	1663595.053	672225.881
56	P55	15.04185569	76.60199368	1663580.36	672212.286
57	P56	15.04171698	76.6018746	1663564.919	672199.594
58	P57	15.04156849	76.60176841	1663548.407	672188.295
59	P58	15.04141085	76.60167787	1663530.895	672178.686
60	P59	15.04124894	76.60159728	1663512.918	672170.151
61	P60	15.04108111	76.60152631	1663494.293	672162.655
62	P61	15.04091315	76.60145709	1663475.656	672155.347
63	P62	15.04074489	76.60138972	1663456.987	672148.238
64	P63	15.04057759	76.60132213	1663438.423	672141.105
65	P64	15.0404085	76.60125334	1663419.661	672133.844
66	P65	15.04024119	76.60118322	1663401.095	672126.439
67	P66	15.04007489	76.60111075	1663382.638	672118.78
68	P67	15.0399106	76.60103416	1663364.401	672110.676
69	P68	15.03974962	76.6009474	1663346.523	672101.477
70	P69	15.03959575	76.60085051	1663329.422	672091.182
71	P70	15.03945105	76.6007393	1663313.326	672079.341
72	P71	15.03931906	76.60061494	1663298.625	672066.075
73	P72	15.03919665	76.6004756	1663284.973	672051.191
74	P73	15.03908392	76.60033017	1663272.387	672035.644

75	P74	15.0389763	76.60018078	1663260.363	672019.667
76	P75	15.03886808	76.60003178	1663248.273	672003.732
77	P76	15.0387603	76.59988241	1663236.232	671987.758
78	P77	15.03865604	76.59973079	1663224.578	671971.539
79	P78	15.03855761	76.5995735	1663213.565	671954.705
80	P79	15.03847007	76.5994116	1663203.753	671937.367
81	P80	15.03839103	76.59924368	1663194.877	671919.375
82	P81	15.03832109	76.59907232	1663187.005	671901.005
83	P82	15.0382587	76.59889757	1663179.966	671882.265
84	P83	15.03820303	76.59872078	1663173.669	671863.301
85	P84	15.03815244	76.59854245	1663167.933	671844.166
86	P85	15.0381064	76.59836266	1663162.699	671824.871
87	P86	15.03806518	76.59818145	1663157.997	671805.42
88	P87	15.03802815	76.59799971	1663153.758	671785.908
89	P88	15.03799539	76.59781678	1663149.992	671766.265
90	P89	15.03796634	76.59763372	1663146.635	671746.604
91	P90	15.03794163	76.59744931	1663143.757	671726.796
92	P91	15.03791982	76.59726431	1663141.2	671706.921
93	P92	15.03790194	76.59707962	1663139.078	671687.076
94	P93	15.03788779	76.59689415	1663137.369	671667.145
95	P94	15.03787564	76.59670835	1663135.88	671647.177

DGPS COORDINATES OF APPROACH ROAD -1 (EAST)

Sl No	Point ID	Latitude	Longitude	Northing	Easting
1	R1	15.03811208	76.59838546	1663163.345	671827.318
2	R2.	15.03805537	76.59854478	1663157.194	671844.495
3	R2A	15.03797637	76.59871212	1663148.584	671862.551
4	R3	15.03793812	76.59878954	1663144.412	671870.906
5	R4	15.03781327	76.59892305	1663130.702	671885.362
6	R5	15.03767775	76.59904694	1663115.805	671898.792
7	R5A	15.03754246	76.59916956	1663100.931	671912.085
8	R6	15.03742464	76.59927939	1663087.981	671923.989
9	R7	15.03728132	76.59939273	1663072.212	671936.291
10	R8	15.03721164	76.59949049	1663064.579	671946.858
11	R9	15.03716119	76.59957995	1663059.066	671956.518
12	R10.	15.03709414	76.59971101	1663051.75	671970.664
13	R11	15.0369901	76.5997531	1663040.272	671975.273
14	R12.	15.03686126	76.59971957	1663025.99	671971.771
15	R12A	15.03679889	76.59967948	1663019.058	671967.511

16	R13	15.03664665	76.59958013	1663002.137	671956.95
17	R14	15.03649399	76.59947815	1662985.167	671946.107
18	R15.	15.03637986	76.59933483	1662972.427	671930.788
19	R16	15.03629405	76.59925614	1662962.872	671922.395
20	R17	15.03618661	76.59922784	1662950.963	671919.438
21	R18	15.03604103	76.59916684	1662934.808	671912.996
22	R19	15.03590453	76.59907005	1662919.63	671902.698
23	R20	15.0358261	76.59901505	1662910.909	671896.847
24	R21	15.03577266	76.5990412	1662905.017	671899.701
25	R22	15.03568729	76.59888998	1662895.453	671883.51
26	R23	15.03585764	76.59882882	1662914.254	671876.797
27	R23A	15.03601102	76.59892764	1662931.301	671887.3
28	R24	15.03612938	76.59900214	1662944.455	671895.216
29	R24A	15.03630059	76.59906024	1662963.443	671901.326
30	R25	15.03638007	76.59908736	1662972.258	671904.178
31	R26	15.03651111	76.59920692	1662986.85	671916.929
32	R27	15.03662555	76.59934744	1662999.621	671931.947
33	R28	15.03679939	76.59946093	1663018.943	671944.01
34	R29	15.03697389	76.59955465	1663038.323	671953.948
35	R30	15.03706046	76.59938861	1663047.772	671936.025
36	R31	15.03715206	76.59925987	1663057.807	671922.109
37	R31A	15.0372948	76.5991473	1663073.513	671909.89
38	R32	15.03743625	76.59902938	1663089.071	671897.097
39	R33	15.03756247	76.59889777	1663102.934	671882.845
40	R33A	15.03769477	76.59877076	1663117.473	671869.082
41	R34	15.03778878	76.59868122	1663127.805	671859.379
42	R35	15.03786868	76.59851426	1663136.515	671841.363
43	R36	15.03792879	76.59833923	1663143.029	671822.494
44	R36A	15.03800528	76.59817054	1663151.361	671804.295
45	R37	15.03804471	76.59808318	1663155.656	671794.87

DGPS READINGS OF APPROACH ROAD -2(WEST)					
Sl No	Point ID	Latitude	Longitude	Northing	Easting
1	R-1	15.0272056	76.58469244	1661946.02	670363.642
2	R-2	15.02706767	76.58471451	1661930.776	670366.124
3	R-3	15.0269604	76.58468807	1661918.887	670363.366
4	R-4	15.02690551	76.58462879	1661912.769	670357.035
5	R-5	15.02689444	76.58456175	1661911.492	670349.835
6	R-6	15.02697046	76.58433856	1661919.731	670325.776

7	R-7	15.02699744	76.58414843	1661922.569	670305.309
8	R-7A	15.02705898	76.58405599	1661929.307	670295.321
9	R-8	15.02711476	76.58399793	1661935.434	670289.033
10	R-9	15.02708635	76.5841634	1661932.418	670306.849
11	R-10	15.02705864	76.58436049	1661929.504	670328.064
12	R-11	15.02698753	76.58456973	1661921.798	670350.62
13	R-12	15.02700728	76.58460399	1661924.01	670354.288
14	R-13	15.02707085	76.58461981	1661931.055	670355.939
15	R-14	15.02716405	76.58460393	1661941.355	670354.157
16	R-15	15.0273147	76.58458251	1661958.006	670351.734

DGPS COORDINATES OF POWER TRANSMISSION LINE					
Sl No	Point ID	Latitude	Longitude	Northing	Easting
1	T1	15.06756862	76.58951627	1666415.591	670850.174
2	T2	15.06694247	76.58890397	1666345.838	670784.845
3	T3	15.06641948	76.58839182	1666287.576	670730.201
4	T4	15.06602589	76.58800701	1666243.73	670689.144
5	T5	15.06551183	76.58742741	1666186.404	670627.241
6	T6	15.06418717	76.58590523	1666038.663	670464.645
7	T7	15.06265506	76.58532123	1665868.696	670403.078
8	T8	15.06106887	76.58412138	1665692.27	670275.341
9	T9	15.06006734	76.58285016	1665580.477	670139.464
10	T10	15.06045553	76.5830041	1665623.546	670155.706
11	T11	15.06121642	76.58397292	1665708.48	670259.262
12	T12	15.06275618	76.58513076	1665879.737	670382.519
13	T13	15.06430914	76.58572074	1666052.016	670444.713
14	T14	15.06566659	76.58728405	1666203.416	670611.705
15	T15	15.0661658	76.58784884	1666259.087	670672.028
16	T16	15.0665588	76.58823383	1666302.868	670713.104
17	T17	15.06708265	76.58874669	1666361.225	670767.824
18	T18	15.06771153	76.58936118	1666431.283	670833.386
19	S4	15.06718531	76.58914049	1666372.889	670810.08
20	S5	15.0670734	76.58903147	1666360.423	670798.448
21	S6	15.06681199	76.58877555	1666331.302	670771.143
22	S7	15.06668104	76.58864858	1666316.715	670757.597
23	S8	15.06655017	76.58852005	1666302.135	670743.883
24	S9	15.0662899	76.58826475	1666273.14	670716.643
25	S10	15.06615658	76.5881355	1666258.29	670702.854

26	S11	15.06590312	76.58786952	1666230.04	670674.46
27	S12	15.06578549	76.58773799	1666216.923	670660.413
28	S13	15.06566355	76.58760024	1666203.325	670645.701
29	S13A	15.06554339	76.58746218	1666189.923	670630.954
30	S14	15.06539164	76.58728877	1666172.999	670612.431
31	S15	15.0652711	76.58714953	1666159.555	670597.557
32	S16	15.06515011	76.58701214	1666146.062	670582.883
33	S17	15.06502949	76.58687389	1666132.609	670568.116
34	S18	15.06490901	76.58673542	1666119.172	670553.325
35	S19	15.06478729	76.58659668	1666105.597	670538.506
36	S20	15.06466728	76.5864585	1666092.212	670523.745
37	S21	15.06454654	76.58631956	1666078.745	670508.904
38	S22	15.06442619	76.58618102	1666065.322	670494.105
39	S23	15.06430518	76.58604255	1666051.826	670479.314
40	S24	15.06401749	76.58584029	1666019.839	670457.798
41	S25	15.06384825	76.58577587	1666001.064	670451.007
42	S26	15.06367838	76.58571103	1665982.219	670444.171
43	S27	15.0635083	76.58564582	1665963.351	670437.296
44	S28	15.06333944	76.58558126	1665944.618	670430.489
45	S29	15.06316927	76.58551785	1665925.741	670423.807
46	S30	15.06300076	76.58545221	1665907.046	670416.885
47	S31	15.06283162	76.58538834	1665888.283	670410.152
48	S32	15.06251038	76.58521061	1665852.603	670391.3
49	S33	15.06236493	76.5851003	1665836.425	670379.556
50	S34	15.0622191	76.58499018	1665820.205	670367.833
51	S35	15.06207271	76.58488084	1665803.923	670356.194
52	S36	15.06192673	76.58477091	1665787.687	670344.491
53	S37	15.0617812	76.58466087	1665771.5	670332.776
54	S38	15.06163417	76.58455108	1665755.147	670321.089
55	S39	15.06148918	76.58444064	1665739.02	670309.331
56	S40	15.06134703	76.58433706	1665723.212	670298.308
57	S41	15.06120058	76.58422667	1665706.923	670286.556
58	S42	15.0609585	76.58398386	1665679.952	670260.643
59	S43	15.06084434	76.58383977	1665667.21	670245.243
60	S44	15.06073053	76.58369428	1665654.505	670229.691
61	S45	15.06061738	76.58355003	1665641.875	670214.272
62	S46	15.06050348	76.5834054	1665629.161	670198.813
63	S47	15.06038974	76.58326084	1665616.465	670183.361
64	S48	15.06027617	76.58311737	1665603.788	670168.027
65	S49	15.06016327	76.5829721	1665591.185	670152.498

66	S50	15.06023235	76.58291126	1665598.781	670145.902
67	S51	15.06056847	76.58314865	1665636.153	670171.158
68	S52	15.06068257	76.58329391	1665648.889	670186.684
69	S53	15.06079637	76.58343773	1665661.592	670202.056
70	S54	15.06091013	76.58358274	1665674.29	670217.556
71	S55	15.06102397	76.58372802	1665686.998	670233.085
72	S56	15.06113718	76.58387301	1665699.636	670248.583
73	S57	15.06136167	76.5840828	1665724.636	670270.96
74	S58	15.06150411	76.58418645	1665740.476	670281.99
75	S59	15.06164993	76.58429716	1665756.695	670293.777
76	S60	15.06179557	76.58440635	1665772.893	670305.401
77	S61	15.06194126	76.58451761	1665789.098	670317.247
78	S62	15.06208739	76.58462552	1665805.35	670328.732
79	S63	15.06223239	76.58473503	1665821.478	670340.39
80	S64	15.06237915	76.5848462	1665837.801	670352.226
81	S65	15.0625244	76.58495586	1665853.957	670363.9
82	S66	15.06275618	76.58513076	1665879.737	670382.519
83	S67	15.06292519	76.58519507	1665898.486	670389.299
84	S68	15.06309471	76.58525992	1665917.292	670396.136
85	S69	15.06326402	76.58532513	1665936.075	670403.012
86	S70	15.06343336	76.58538942	1665954.861	670409.79
87	S71	15.06360263	76.58545442	1665973.64	670416.643
88	S72	15.06377288	76.58551855	1665992.526	670423.402
89	S73	15.06394183	76.5855839	1666011.27	670430.294
90	S74	15.06411092	76.58564849	1666030.028	670437.103
91	S74A	15.0642819	76.58571057	1666048.994	670443.641
92	S75	15.06443108	76.58586704	1666065.62	670460.345
93	S76	15.06455117	76.58600656	1666079.015	670475.249
94	S77	15.06467315	76.58614515	1666092.619	670490.052
95	S78	15.06479445	76.58628321	1666106.146	670504.798
96	S79	15.06491572	76.58642376	1666119.673	670519.812
97	S80	15.06503607	76.58656129	1666133.095	670534.503
98	S81	15.06515787	76.58670068	1666146.679	670549.391
99	S82	15.06527731	76.58683976	1666160.002	670564.249
100	S83	15.06539918	76.58697712	1666173.592	670578.919
101	S84	15.0655203	76.58711642	1666187.101	670593.799
102	S84A	15.06564064	76.5872544	1666200.522	670608.538
103	S85	15.06578763	76.58742257	1666216.916	670626.5
104	S86	15.06590985	76.58756021	1666230.545	670641.201
105	S87	15.06603115	76.58769859	1666244.073	670655.981

106	S87A	15.06615283	76.58783584	1666257.642	670670.64
107	S88	15.06629685	76.5879783	1666273.687	670685.841
108	S89	15.06642817	76.58810549	1666288.315	670699.411
109	S90	15.06668974	76.58836178	1666317.455	670726.756
110	S91	15.06681959	76.58848922	1666331.92	670740.354
111	S92	15.06695184	76.58861768	1666346.652	670754.059
112	S93	15.06721477	76.58887447	1666375.943	670781.457
113	S94	15.06731095	76.58896972	1666386.658	670791.62