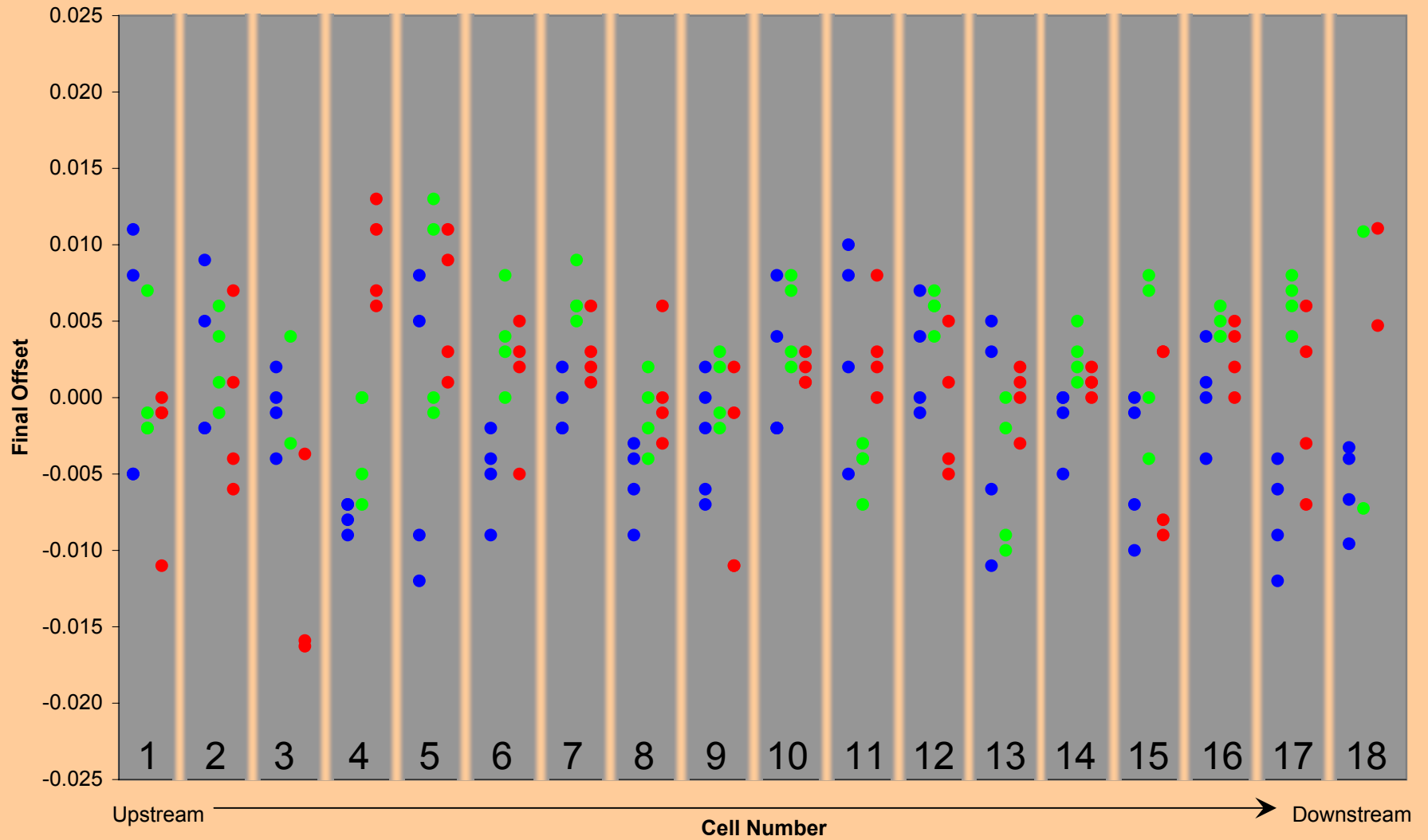
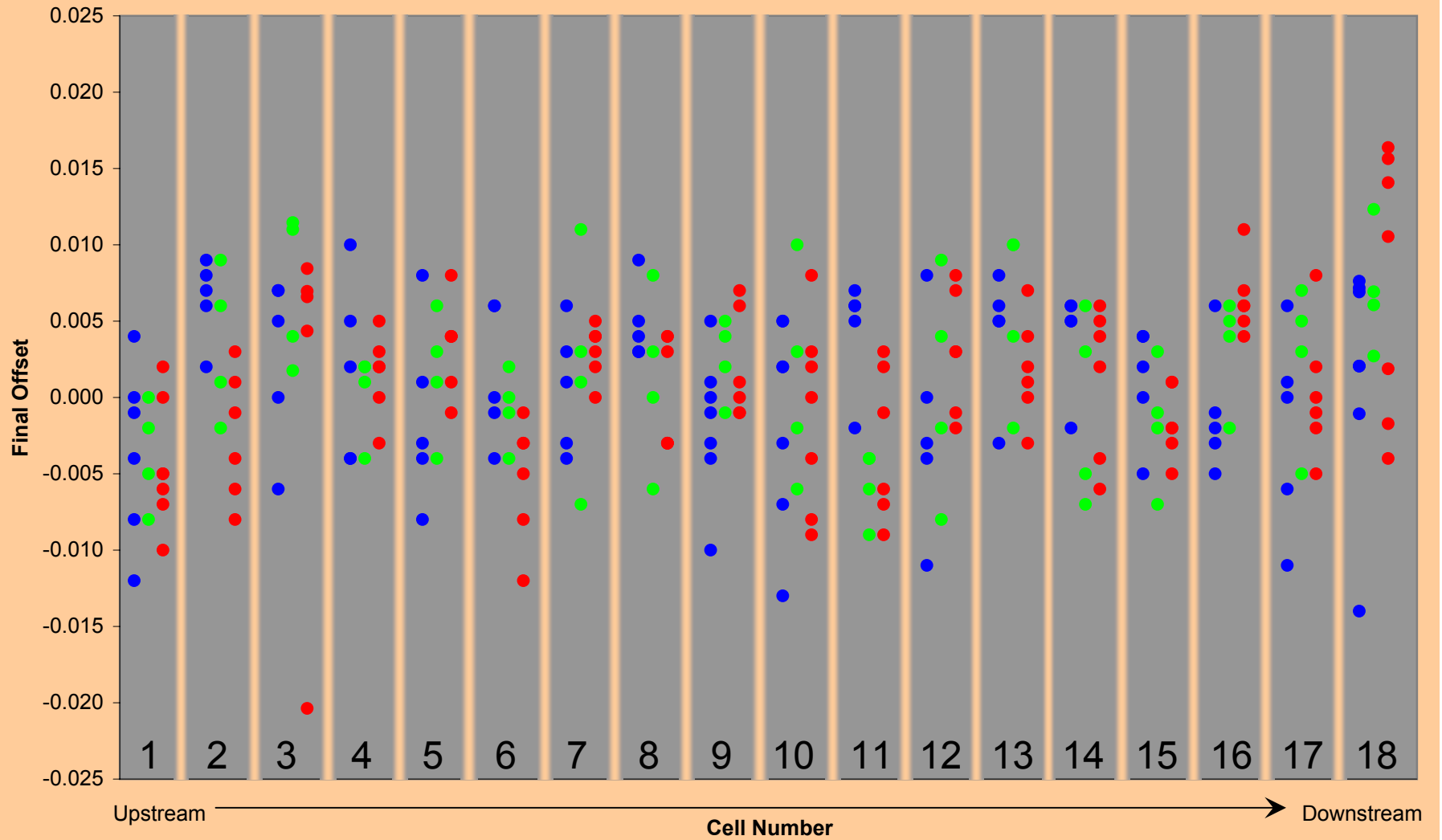


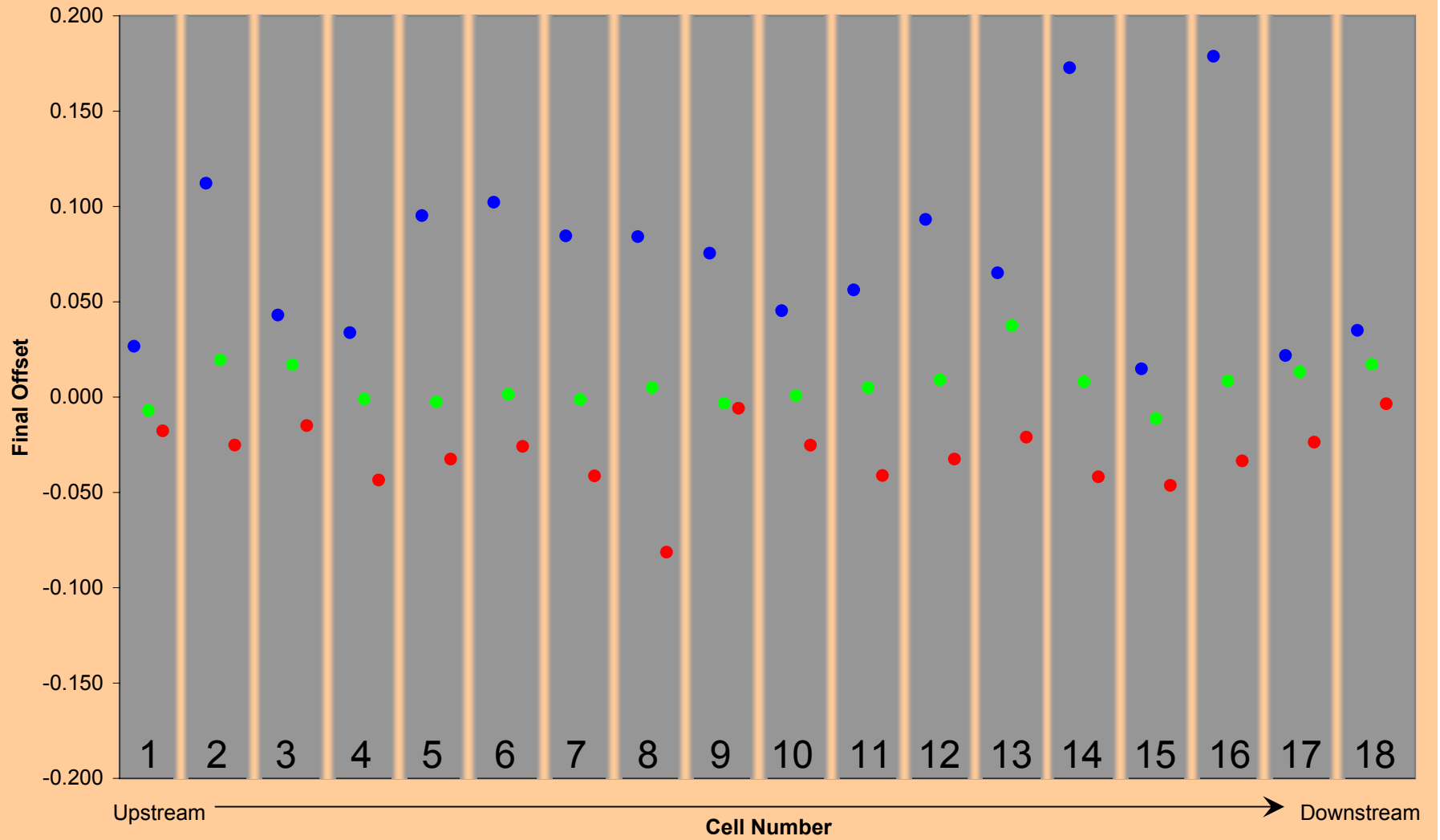
SPEAR3 Vacuum Chamber X Positions (Nov. 2003)



SPEAR3 Vacuum Chamber Y Positions (Nov. 2003)



SPEAR3 Vacuum Chamber Z Positions (Nov. 2003)



Cell 01	Actual			Nominal			Difference			Adjustment	Ave Z (in)	
	Z (inch)	X (inch)	Y (inch)	Z (inch)	X (inch)	Y (inch)	Z (inch)	X (inch)	Y (inch)			
SC01CM11	-111.804	-5.949	4.366	-111.822	-5.960	4.378	0.018	0.011	-0.012	X & Y	0.027	
SC01CM12	-111.859	7.488	4.385	-111.874	7.480	4.385	0.015	0.008	0.000	X & Y		
Flange								0.019	0.008	X & Y		
SC01CM19	28.186	-4.014	4.424	28.157	-4.009	4.425	0.029	-0.005	-0.001	X & Y		
SC01CM10	29.300	3.764	4.403	29.273	3.769	4.399	0.027	-0.005	0.004	X & Y		
SC01CM1B	69.767	-11.767	4.380	69.733	-11.759	4.388	0.034	-0.008	-0.008	Y Only		
SC01CM1C	71.663	2.306	4.371	71.626	2.313	4.375	0.037	-0.007	-0.004	Y Only		
SC01CMY1	-13.801	-3.584	4.391	-13.801	-3.582	4.393	0.000	-0.002	-0.002	X & Y		-0.007
SC01CMY2	-13.823	7.223	4.373	-13.812	7.224	4.373	-0.011	-0.001	0.000	X & Y		
SC01CMY3	37.489	-5.506	4.388	37.486	-5.513	4.396	0.003	0.007	-0.008	X & Y		
SC01CMY4	37.483	13.296	2.963	37.503	13.298	2.968	-0.020	-0.002	-0.005	X & Y		
SC01CM21	-61.741	-0.046	4.408	-61.707	-0.045	4.414	-0.034	-0.001	-0.006	X & Y		-0.018
SC01CM22	-61.777	4.473	4.407	-61.746	4.473	4.414	-0.031	0.000	-0.007	X & Y		
SC01CM23	-28.174	0.061	4.378	-28.149	0.081	4.376	-0.025	-0.020	0.002	Y Only		
SC01CM25	36.628	-5.069	4.377	36.628	-5.063	4.387	0.000	-0.006	-0.010	Y Only		
SC01CM26	37.937	4.227	4.375	37.944	4.236	4.380	-0.007	-0.009	-0.005	Y Only		
SC01CM20	85.844	-19.780	4.373	85.852	-19.769	4.373	-0.008	-0.011	0.000	X & Y		
SC01CM2A	88.610	-0.667	4.380	88.629	-0.666	4.385	-0.019	-0.001	-0.005	X & Y		
Cell 02												
SC02CM11	-77.060	-6.213	4.379	-77.160	-6.218	4.371	0.100	0.005	0.008	X & Y	0.112	
SC02CM12	-77.143	7.292	4.389	-77.252	7.283	4.382	0.109	0.009	0.007	X & Y		
SC02CM13	-34.766	0.049	4.377	-34.863	0.074	4.371	0.097	-0.025	0.006	Y Only		
SC02CM15	34.633	-4.631	4.390	34.499	-4.629	4.388	0.134	-0.002	0.002	X & Y		
SC02CM16	35.922	2.550	4.401	35.801	2.552	4.392	0.121	-0.002	0.009	X & Y		
SC02CMC1	-13.957	-3.429	4.385	-13.982	-3.430	4.384	0.025	0.001	0.001	X & Y		0.019
SC02CMC2	-13.965	7.275	4.404	-13.985	7.271	4.395	0.020	0.004	0.009	X & Y		
SC02CMC3	37.436	-5.493	4.410	37.427	-5.499	4.404	0.009	0.006	0.006	X & Y		
SC02CMC4	37.568	13.280	2.987	37.544	13.281	2.989	0.024	-0.001	-0.002	X & Y		
SC02CM21	-34.873	1.486	4.348	-34.840	1.490	4.349	-0.033	-0.004	-0.001	X & Y		-0.025
SC02CM22	-34.891	8.429	4.358	-34.857	8.435	4.362	-0.034	-0.006	-0.004	X & Y		
SC02CM24	34.572	-4.840	4.357	34.594	-4.840	4.365	-0.022	0.000	-0.008	Y Only		
SC02CM25	36.648	6.203	4.326	36.671	6.209	4.332	-0.023	-0.006	-0.006	Y Only		
SC02CM29	74.608	-20.285	4.364	74.617	-20.286	4.363	-0.009	0.001	0.001	X & Y		
SC02CM20	76.932	-7.969	4.391	76.962	-7.976	4.388	-0.030	0.007	0.003	X & Y		
Cell 03												
SC03CM11	-77.088	-6.229	4.393	-77.118	-6.228	4.386	0.030	-0.001	0.007	X & Y	0.043	
SC03CM12	-77.189	7.334	4.387	-77.215	7.332	4.382	0.026	0.002	0.005	X & Y		
SC03CM13	-34.839	0.04	4.373	-34.878	0.053	4.379	0.039	-0.013	-0.006	Y Only		
SC03CM15	34.597	-4.611	4.373	34.535	-4.611	4.373	0.062	0.000	0.000	X & Y		
SC03CM16	35.927	2.448	4.38	35.869	2.452	4.373	0.058	-0.004	0.007	X & Y		
SC03CMC1	-13.881	-3.51	4.412	-13.914	-3.507	4.401	0.033	-0.003	0.011	X & Y		0.017
SC03CMC2							-0.003	-0.004	0.011	X & Y		
SC03CMC3	37.436	-5.433	4.398	37.435	-5.437	4.394	0.001	0.004	0.004	X & Y		
SC03CMC4							-0.124	0.131	0.002	X & Y		
SC03CM21							-0.018	-0.016	0.004	X & Y	-0.015	
SC03CM22							-0.029	-0.016	0.007	X & Y		
SC03CM25							0.111	-0.110	0.007	Y Only		
SC03CM29							0.002	-0.004	-0.020	X & Y		
SC03CM20							0.160	-0.057	0.008	X & Y		

Cell 04

SC04CM11	-77.140	-6.231	4.378	-77.159	-6.222	4.373	0.019	-0.009	0.005	X & Y	0.034
SC04CM12	-77.197	7.221	4.393	-77.216	7.229	4.391	0.019	-0.008	0.002	X & Y	
SC04CM13	-34.858	-0.036	4.374	-34.895	-0.027	4.364	0.037	-0.009	0.010	Y Only	
SC04CM15	34.561	-4.647	4.389	34.514	-4.640	4.393	0.047	-0.007	-0.004	X & Y	
SC04CM16	35.822	2.406	4.389	35.775	2.413	4.393	0.047	-0.007	-0.004	X & Y	
SC04CMC1	-13.809	-3.438	4.394	-13.809	-3.431	4.392	0.000	-0.007	0.002	X & Y	-0.001
SC04CMC2	-13.860	7.233	4.362	-13.852	7.238	4.361	-0.008	-0.005	0.001	X & Y	
SC04CMC3	37.468	-5.441	4.386	37.465	-5.441	4.390	0.003	0.000	-0.004	X & Y	
SC04CMC4	37.555	13.237	2.966	37.554	13.237	2.964	0.001	0.000	0.002	X & Y	
SC04CM21	-34.920	1.509	4.376	-34.867	1.498	4.374	-0.053	0.011	0.002	X & Y	-0.044
SC04CM22	-34.951	8.399	4.382	-34.891	8.386	4.380	-0.060	0.013	0.002	X & Y	
SC04CM24	34.441	-4.895	4.376	34.481	-4.903	4.376	-0.040	0.008	0.000	Y Only	
SC04CM25	36.542	6.284	4.351	36.578	6.279	4.346	-0.036	0.005	0.005	Y Only	
SC04CM29	74.634	-20.271	4.386	74.669	-20.277	4.389	-0.035	0.006	-0.003	X & Y	
SC04CM20	76.960	-7.959	4.390	76.997	-7.966	4.387	-0.037	0.007	0.003	X & Y	

Cell 05

SC05CM11	-77.016	-6.219	4.375	-77.097	-6.224	4.374	0.081	0.005	0.001	X & Y	0.095
SC05CM12	-77.109	7.262	4.392	-77.197	7.254	4.384	0.088	0.008	0.008	X & Y	
SC05CM13	-34.792	0.062	4.376	-34.879	0.078	4.379	0.087	-0.016	-0.003	Y Only	
SC05CM15	34.597	-4.649	4.387	34.485	-4.640	4.395	0.112	-0.009	-0.008	X & Y	
SC05CM16	35.876	2.471	4.392	35.768	2.483	4.396	0.108	-0.012	-0.004	X & Y	
SC05CMC1	-13.797	-3.520	4.394	-13.790	-3.520	4.398	-0.007	0.000	-0.004	X & Y	-0.003
SC05CMC2	-13.851	7.212	4.374	-13.841	7.213	4.371	-0.010	-0.001	0.003	X & Y	
SC05CMC3	37.467	-5.454	4.413	37.462	-5.465	4.407	0.005	0.011	0.006	X & Y	
SC05CMC4	37.526	13.245	2.979	37.524	13.232	2.978	0.002	0.013	0.001	X & Y	
SC05CM21	-34.895	1.581	4.393	-34.849	1.572	4.389	-0.046	0.009	0.004	X & Y	-0.033
SC05CM22	-34.933	8.425	4.383	-34.884	8.414	4.382	-0.049	0.011	0.001	X & Y	
SC05CM24	34.523	-4.892	4.378	34.547	-4.906	4.379	-0.024	0.014	-0.001	Y Only	
SC05CM25	36.812	6.192	4.379	36.835	6.183	4.371	-0.023	0.009	0.008	Y Only	
SC05CM29	74.641	-20.334	4.391	74.665	-20.335	4.387	-0.024	0.001	0.004	X & Y	
SC05CM20	76.945	-8.082	4.392	76.974	-8.085	4.388	-0.029	0.003	0.004	X & Y	

Cell 06

SC06CM11	-77.060	-6.238	4.371	-77.151	-6.234	4.365	0.091	-0.004	0.006	X & Y	0.102
SC06CM12	-77.167	7.257	4.361	-77.265	7.259	4.355	0.098	-0.002	0.006	X & Y	
SC06CM13	-34.785	0.170	4.372	-34.878	0.183	4.372	0.093	-0.013	0.000	Y Only	
SC06CM15	34.559	-4.661	4.338	34.443	-4.656	4.342	0.116	-0.005	-0.004	X & Y	
SC06CM16	35.936	2.457	4.343	35.823	2.466	4.344	0.113	-0.009	-0.001	X & Y	
SC06CMC1	-13.946	-3.364	4.405	-13.947	-3.364	4.409	0.001	0.000	-0.004	X & Y	0.001
SC06CMC2	-13.950	7.283	4.377	-13.948	7.280	4.375	-0.002	0.003	0.002	X & Y	
SC06CMC3	37.422	-5.484	4.401	37.416	-5.488	4.402	0.006	0.004	-0.001	X & Y	
SC06CMC4	37.512	13.237	2.964	37.511	13.229	2.964	0.001	0.008	0.000	X & Y	
SC06CM21	-34.913	1.530	4.345	-34.875	1.527	4.350	-0.038	0.003	-0.005	X & Y	-0.026
SC06CM22	-34.861	8.403	4.375	-34.822	8.408	4.376	-0.039	-0.005	-0.001	X & Y	
SC06CM24	34.525	-4.943	4.356	34.550	-4.953	4.368	-0.025	0.010	-0.012	Y Only	
SC06CM25	36.572	6.172	4.360	36.600	6.164	4.363	-0.028	0.008	-0.003	Y Only	
SC06CM29	74.635	-20.300	4.374	74.645	-20.302	4.382	-0.010	0.002	-0.008	X & Y	
SC06CM20	76.914	-8.237	4.394	76.929	-8.242	4.397	-0.015	0.005	-0.003	X & Y	

Cell 07

SC07CM11	-77.180	-6.256	4.365	-77.256	-6.254	4.362	0.076	-0.002	0.003	X & Y	0.085
SC07CM12	-77.164	7.229	4.383	-77.238	7.229	4.377	0.074	0.000	0.006	X & Y	
SC07CM13	-34.776	0.056	4.366	-34.859	0.050	4.370	0.083	0.006	-0.004	Y Only	
SC07CM15	34.558	-4.632	4.369	34.461	-4.634	4.372	0.097	0.002	-0.003	X & Y	
SC07CM16	35.937	2.429	4.375	35.844	2.431	4.374	0.093	-0.002	0.001	X & Y	
SC07CMC1	-13.833	-3.440	4.402	-13.835	-3.449	4.401	0.002	0.009	0.001	X & Y	-0.001
SC07CMC2	-13.825	7.284	4.368	-13.817	7.278	4.375	-0.008	0.006	-0.007	X & Y	
SC07CMC3	37.429	-5.533	4.386	37.425	-5.539	4.383	0.004	0.006	0.003	X & Y	
SC07CMC4	37.558	13.173	2.970	37.561	13.168	2.959	-0.003	0.005	0.011	X & Y	
SC07CM21	-34.901	1.472	4.364	-34.850	1.471	4.364	-0.051	0.001	0.000	X & Y	-0.041
SC07CM22	-34.914	8.440	4.386	-34.858	8.438	4.383	-0.056	0.002	0.003	X & Y	
SC07CM24	34.502	-4.881	4.380	34.530	-4.880	4.376	-0.028	-0.001	0.004	Y Only	
SC07CM25	36.557	6.282	4.380	36.586	6.290	4.378	-0.029	-0.008	0.002	Y Only	
SC07CM29	74.605	-20.322	4.381	74.647	-20.325	4.377	-0.042	0.003	0.004	X & Y	
SC07CM20	76.881	-8.251	4.426	76.923	-8.257	4.421	-0.042	0.006	0.005	X & Y	

Cell 08

SC08CM11	-77.016	-6.239	4.386	-77.091	-6.230	4.377	0.075	-0.009	0.009	X & Y	0.084
SC08CM12	-77.094	7.239	4.394	-77.172	7.245	4.390	0.078	-0.006	0.004	X & Y	
SC08CM13	-34.766	0.118	4.373	-34.838	0.136	4.370	0.072	-0.018	0.003	Y Only	
SC08CM15	34.605	-4.672	4.381	34.507	-4.669	4.378	0.098	-0.003	0.003	X & Y	
SC08CM16	36.007	2.447	4.372	35.909	2.451	4.367	0.098	-0.004	0.005	X & Y	
SC08CMC1	-13.799	-3.139	4.407	-13.803	-3.137	4.413	0.004	-0.002	-0.006	X & Y	0.005
SC08CMC2	-13.871	7.307	4.377	-13.866	7.307	4.374	-0.005	0.000	0.003	X & Y	
SC08CMC3	37.446	-5.199	4.421	37.433	-5.195	4.421	0.013	-0.004	0.000	X & Y	
SC08CMC4	37.553	13.312	2.936	37.545	13.310	2.928	0.008	0.002	0.008	X & Y	
SC08CM21	-34.900	1.533	4.390	-34.807	1.534	4.393	-0.093	-0.001	-0.003	X & Y	-0.081
SC08CM22	-34.961	8.493	4.379	-34.864	8.496	4.375	-0.097	-0.003	0.004	X & Y	
SC08CM24	34.464	-4.887	4.318	34.535	-4.898	4.315	-0.071	0.011	0.003	Y Only	
SC08CM25	36.534	6.276	4.316	36.611	6.272	4.312	-0.077	0.004	0.004	Y Only	
SC08CM29	74.661	-20.284	4.404	74.722	-20.284	4.407	-0.061	0.000	-0.003	X & Y	
SC08CM20	76.863	-8.226	4.417	76.952	-8.232	4.420	-0.089	0.006	-0.003	X & Y	

Cell 09

SC09CM11	-87.780	-5.771	4.371	-87.833	-5.769	4.374	0.053	-0.002	-0.003	X & Y	0.076
SC09CM12	-87.798	7.104	4.388	-87.858	7.104	4.389	0.060	0.000	-0.001	X & Y	
Flange								0.002	-0.010	X & Y	
SC09CM19	28.156	-3.959	4.374	28.075	-3.952	4.378	0.081	-0.007	-0.004	X & Y	
SC09CM10	28.920	3.936	4.382	28.841	3.942	4.382	0.079	-0.006	0.000	X & Y	
SC09CM1B	69.723	-11.236	4.382	69.628	-11.250	4.377	0.095	0.014	0.005	Y Only	
SC09CM1C	71.742	2.770	4.373	71.657	2.754	4.372	0.085	0.016	0.001	Y Only	
SC09CMY1	-13.808	-3.403	4.434	-13.799	-3.401	4.430	-0.009	-0.002	0.004	X & Y	-0.003
SC09CMY2	-13.837	7.303	4.363	-13.826	7.304	4.358	-0.011	-0.001	0.005	X & Y	
SC09CMY3	37.509	-5.447	4.388	37.499	-5.450	4.389	0.010	0.003	-0.001	X & Y	
SC09CMY4	37.558	13.242	2.970	37.561	13.240	2.968	-0.003	0.002	0.002	X & Y	
SC09CM21	-61.841	-0.444	4.385	-61.810	-0.433	4.386	-0.031	-0.011	-0.001	X & Y	-0.006
SC09CM22	-61.853	4.843	4.384	-61.824	4.854	4.385	-0.029	-0.011	-0.001	X & Y	
SC09CM23	-28.212	-0.097	4.384	-28.193	-0.059	4.377	-0.019	-0.038	0.007	Y Only	
SC09CM28	51.153	-7.058	2.995	51.153	-7.036	2.994	0.000	-0.022	0.001	Y Only	
SC09CM20	110.566	-18.852	4.376	110.542	-18.851	4.370	0.024	-0.001	0.006	X & Y	
SC09CM2A	112.003	-8.983	4.375	111.983	-8.985	4.375	0.020	0.002	0.000	X & Y	

Cell 10

SC10CM11	-111.747	-5.956	4.353	-111.776	-5.954	4.360	0.029	-0.002	-0.007	X & Y	0.045
SC10CM12	-111.816	7.365	4.381	-111.844	7.357	4.379	0.028	0.008	0.002	X & Y	
Flange								0.004	-0.013	X & Y	
SC10CM19	28.210	-3.861	4.410	28.162	-3.859	4.405	0.048	-0.002	0.005	X & Y	
SC10CM10	29.235	3.995	4.400	29.191	3.997	4.398	0.044	-0.002	0.002	X & Y	
SC10CM1B	69.676	-11.709	4.377	69.611	-11.724	4.372	0.065	0.015	0.005	Y Only	
SC10CM1C	71.646	2.298	4.369	71.588	2.280	4.372	0.058	0.018	-0.003	Y Only	
SC10CMY1	-13.823	-3.422	4.412	-13.811	-3.430	4.409	-0.012	0.008	0.003	X & Y	0.001
SC10CMY2	-13.760	7.297	4.385	-13.745	7.290	4.375	-0.015	0.007	0.010	X & Y	
SC10CMY3	37.533	-5.466	4.398	37.503	-5.469	4.404	0.030	0.003	-0.006	X & Y	
SC10CMY4	37.588	13.359	2.965	37.588	13.357	2.967	0.000	0.002	-0.002	X & Y	
SC10CM21	-61.729	0.008	4.412	-61.684	0.007	4.421	-0.045	0.001	-0.009	X & Y	-0.025
SC10CM22	-61.741	4.415	4.417	-61.698	4.414	4.421	-0.043	0.001	-0.004	X & Y	
SC10CM23	-28.199	0.011	4.361	-28.156	0.027	4.369	-0.043	-0.016	-0.008	Y Only	
SC10CM25	36.670	-4.955	4.438	36.682	-4.938	4.438	-0.012	-0.017	0.000	Y Only	
SC10CM26	38.066	4.426	4.447	38.082	4.444	4.444	-0.016	-0.018	0.003	Y Only	
SC10CM20	85.853	-19.799	4.383	85.864	-19.802	4.375	-0.011	0.003	0.008	X & Y	
SC10CM2A	88.526	-0.679	4.395	88.533	-0.681	4.393	-0.007	0.002	0.002	X & Y	

Cell 11

SC11CM11	-77.090	-6.176	4.382	-77.138	-6.184	4.375	0.048	0.008	0.007	X & Y	0.056
SC11CM12	-77.152	7.269	4.372	-77.196	7.259	4.366	0.044	0.010	0.006	X & Y	
SC11CM13	-34.823	-0.003	4.371	-34.881	-0.026	4.373	0.058	0.023	-0.002	Y Only	
SC11CM15	34.575	-4.577	4.386	34.513	-4.579	4.380	0.062	0.002	0.006	X & Y	
SC11CM16	35.887	2.396	4.395	35.818	2.401	4.390	0.069	-0.005	0.005	X & Y	
SC11CMC1	-13.793	-3.396	4.402	-13.793	-3.392	4.408	0.000	-0.004	-0.006	X & Y	0.005
SC11CMC2	-13.812	7.280	4.364	-13.816	7.284	4.368	0.004	-0.004	-0.004	X & Y	
SC11CMC3	37.460	-5.396	4.404	37.454	-5.393	4.413	0.006	-0.003	-0.009	X & Y	
SC11CMC4	37.574	13.321	2.970	37.564	13.328	2.974	0.010	-0.007	-0.004	X & Y	
SC11CM21	-34.882	1.445	4.397	-34.833	1.437	4.403	-0.049	0.008	-0.006	X & Y	-0.041
SC11CM22	-34.928	8.328	4.403	-34.877	8.325	4.404	-0.051	0.003	-0.001	X & Y	
SC11CM24	34.518	-4.942	4.369	34.548	-4.944	4.378	-0.030	0.002	-0.009	Y Only	
SC11CM25	36.533	6.221	4.372	36.564	6.226	4.379	-0.031	-0.005	-0.007	Y Only	
SC11CM29	74.614	-20.297	4.400	74.653	-20.297	4.397	-0.039	0.000	0.003	X & Y	
SC11CM20	76.956	-7.931	4.400	77.003	-7.933	4.398	-0.047	0.002	0.002	X & Y	

Cell 12

SC12CM11	-77.066	-6.240	4.371	-77.147	-6.239	4.375	0.081	-0.001	-0.004	X & Y	0.093
SC12CM12	-77.163	7.236	4.348	-77.245	7.236	4.359	0.082	0.000	-0.011	X & Y	
SC12CM13	-34.758	0.114	4.378	-34.842	0.109	4.378	0.084	0.005	0.000	Y Only	
SC12CM15	34.584	-4.715	4.375	34.478	-4.722	4.367	0.106	0.007	0.008	X & Y	
SC12CM16	35.949	2.489	4.375	35.836	2.485	4.378	0.113	0.004	-0.003	X & Y	
SC12CMC1	-13.791	-3.186	4.400	-13.800	-3.192	4.408	0.009	0.006	-0.008	X & Y	0.009
SC12CMC2	-13.780	7.299	4.358	-13.792	7.292	4.360	0.012	0.007	-0.002	X & Y	
SC12CMC3	37.428	-5.208	4.431	37.426	-5.214	4.427	0.002	0.006	0.004	X & Y	
SC12CMC4	37.554	13.298	2.964	37.541	13.294	2.955	0.013	0.004	0.009	X & Y	
SC12CM21	-34.883	1.531	4.389	-34.843	1.536	4.382	-0.040	-0.005	0.007	X & Y	-0.032
SC12CM22	-34.983	8.455	4.411	-34.938	8.459	4.403	-0.045	-0.004	0.008	X & Y	
SC12CM24	34.523	-4.945	4.369	34.547	-4.944	4.366	-0.024	-0.001	0.003	Y Only	
SC12CM25	36.619	6.250	4.325	36.644	6.257	4.322	-0.025	-0.007	0.003	Y Only	
SC12CM29	74.647	-20.360	4.368	74.671	-20.361	4.369	-0.024	0.001	-0.001	X & Y	
SC12CM20	76.914	-8.220	4.369	76.951	-8.225	4.371	-0.037	0.005	-0.002	X & Y	

Cell 13

SC13CM11	-77.106	-6.278	4.385	-77.159	-6.281	4.379	0.053	0.003	0.006	X & Y	0.065
SC13CM12	-77.177	7.233	4.380	-77.228	7.228	4.375	0.051	0.005	0.005	X & Y	
SC13CM13	-34.780	0.075	4.379	-34.847	0.062	4.371	0.067	0.013	0.008	Y Only	
SC13CM15	34.513	-4.789	4.355	34.443	-4.783	4.358	0.070	-0.006	-0.003	X & Y	
SC13CM16	35.865	2.402	4.377	35.780	2.413	4.372	0.085	-0.011	0.005	X & Y	
SC13CMC1	-13.852	-3.361	4.417	-13.889	-3.352	4.419	0.037	-0.009	-0.002	X & Y	0.037
SC13CMC2	-13.909	7.306	4.376	-13.949	7.316	4.366	0.040	-0.010	0.010	X & Y	
SC13CMC3	37.494	-5.509	4.413	37.458	-5.507	4.409	0.036	-0.002	0.004	X & Y	
SC13CMC4	37.579	13.309	2.976	37.542	13.309	2.966	0.037	0.000	0.010	X & Y	
SC13CM21	-34.883	1.540	4.391	-34.855	1.538	4.389	-0.028	0.002	0.002	X & Y	-0.021
SC13CM22	-34.908	8.429	4.436	-34.880	8.432	4.429	-0.028	-0.003	0.007	X & Y	
SC13CM24	34.384	-4.866	4.381	34.396	-4.874	4.377	-0.012	0.008	0.004	Y Only	
SC13CM25	36.494	6.209	4.368	36.508	6.210	4.368	-0.014	-0.001	0.000	Y Only	
SC13CM29	74.626	-20.294	4.358	74.648	-20.295	4.361	-0.022	0.001	-0.003	X & Y	
SC13CM20	76.898	-8.250	4.369	76.920	-8.250	4.368	-0.022	0.000	0.001	X & Y	

Cell 14

SC14CM11	-76.948	-6.234	4.384	-77.098	-6.234	4.379	0.150	0.000	0.005	X & Y	0.173
SC14CM12	-77.067	7.222	4.393	-77.230	7.222	4.388	0.163	0.000	0.005	X & Y	
SC14CM13	-34.662	0.156	4.368	-34.830	0.170	4.370	0.168	-0.014	-0.002	Y Only	
SC14CM15	34.677	-4.530	4.383	34.486	-4.529	4.377	0.191	-0.001	0.006	X & Y	
SC14CM16	36.011	2.469	4.390	35.819	2.474	4.384	0.192	-0.005	0.006	X & Y	
SC14CMC1	-13.775	-3.534	4.421	-13.780	-3.537	4.418	0.005	0.003	0.003	X & Y	0.008
SC14CMC2	-13.817	7.251	4.371	-13.815	7.246	4.365	-0.002	0.005	0.006	X & Y	
SC14CMC3	37.453	-5.477	4.398	37.433	-5.479	4.405	0.020	0.002	-0.007	X & Y	
SC14CMC4	37.509	13.255	2.952	37.500	13.254	2.957	0.009	0.001	-0.005	X & Y	
SC14CM21	-34.888	1.469	4.379	-34.831	1.468	4.377	-0.057	0.001	0.002	X & Y	-0.042
SC14CM22	-34.876	8.479	4.380	-34.807	8.479	4.374	-0.069	0.000	0.006	X & Y	
SC14CM24	34.553	-4.987	4.347	34.589	-4.996	4.353	-0.036	0.009	-0.006	Y Only	
SC14CM25	36.571	6.268	4.318	36.608	6.266	4.313	-0.037	0.002	0.005	Y Only	
SC14CM29	74.626	-20.291	4.406	74.651	-20.292	4.402	-0.025	0.001	0.004	X & Y	
SC14CM20	76.924	-8.042	4.395	76.951	-8.044	4.399	-0.027	0.002	-0.004	X & Y	

Cell 15

SC15CM11	-77.069	-6.259	4.387	-77.074	-6.249	4.383	0.005	-0.010	0.004	X & Y	0.015
SC15CM12	-77.176	7.285	4.380	-77.182	7.292	4.378	0.006	-0.007	0.002	X & Y	
SC15CM13	-34.835	0.098	4.384	-34.845	0.111	4.380	0.010	-0.013	0.004	Y Only	
SC15CM15	34.520	-4.656	4.377	34.493	-4.656	4.377	0.027	0.000	0.000	X & Y	
SC15CM16	35.802	2.282	4.376	35.776	2.283	4.381	0.026	-0.001	-0.005	X & Y	
SC15CMC1	-13.826	-3.462	4.406	-13.809	-3.462	4.403	-0.017	0.000	0.003	X & Y	-0.011
SC15CMC2	-13.844	7.265	4.362	-13.816	7.269	4.369	-0.028	-0.004	-0.007	X & Y	
SC15CMC3	37.480	-5.450	4.410	37.475	-5.458	4.411	0.005	0.008	-0.001	X & Y	
SC15CMC4	37.576	13.294	2.946	37.581	13.287	2.948	-0.005	0.007	-0.002	X & Y	
SC15CM21	-34.902	1.600	4.365	-34.847	1.597	4.364	-0.055	0.003	0.001	X & Y	-0.046
SC15CM22	-34.915	8.511	4.354	-34.850	8.508	4.353	-0.065	0.003	0.001	X & Y	
SC15CM24	34.483	-4.831	4.373	34.510	-4.859	4.378	-0.027	0.028	-0.005	Y Only	
SC15CM25	36.544	6.262	4.351	36.580	6.236	4.354	-0.036	0.026	-0.003	Y Only	
SC15CM29	74.603	-20.303	4.377	74.650	-20.294	4.379	-0.047	-0.009	-0.002	X & Y	
SC15CM20	76.864	-8.186	4.381	76.912	-8.178	4.383	-0.048	-0.008	-0.002	X & Y	

Cell 16

SC16CM11	-76.961	-6.217	4.382	-77.127	-6.218	4.387	0.166	0.001	-0.005	X & Y	0.179
SC16CM12	-77.074	7.227	4.401	-77.244	7.223	4.402	0.170	0.004	-0.001	X & Y	
SC16CM13	-34.693	0.125	4.391	-34.861	0.138	4.385	0.168	-0.013	0.006	Y Only	
SC16CM15	34.621	-4.633	4.367	34.426	-4.633	4.370	0.195	0.000	-0.003	X & Y	
SC16CM16	35.990	2.420	4.369	35.795	2.424	4.371	0.195	-0.004	-0.002	X & Y	
SC16CMC1	-13.761	-3.309	4.416	-13.768	-3.313	4.418	0.007	0.004	-0.002	X & Y	0.008
SC16CMC2	-13.809	7.341	4.373	-13.812	7.337	4.367	0.003	0.004	0.006	X & Y	
SC16CMC3	37.486	-5.385	4.408	37.476	-5.391	4.403	0.010	0.006	0.005	X & Y	
SC16CMC4	37.574	13.308	2.966	37.560	13.303	2.962	0.014	0.005	0.004	X & Y	
SC16CM21	-34.897	1.579	4.402	-34.846	1.577	4.396	-0.051	0.002	0.006	X & Y	-0.033
SC16CM22	-34.915	8.473	4.406	-34.865	8.473	4.401	-0.050	0.000	0.005	X & Y	
SC16CM24	34.479	-4.871	4.383	34.504	-4.877	4.379	-0.025	0.006	0.004	Y Only	
SC16CM25	36.585	6.246	4.382	36.613	6.251	4.375	-0.028	-0.005	0.007	Y Only	
SC16CM29	74.648	-20.221	4.385	74.670	-20.226	4.374	-0.022	0.005	0.011	X & Y	
SC16CM20	76.933	-7.986	4.392	76.958	-7.990	4.386	-0.025	0.004	0.006	X & Y	

Cell 17

SC17CM11	-77.102	-6.162	4.390	-77.110	-6.156	4.389	0.008	-0.006	0.001	X & Y	0.022
SC17CM12	-77.156	7.283	4.384	-77.168	7.287	4.378	0.012	-0.004	0.006	X & Y	
SC17CM13	-34.817	0.105	4.373	-34.833	0.118	4.373	0.016	-0.013	0.000	Y Only	
SC17CM15	34.489	-4.597	4.361	34.451	-4.588	4.372	0.038	-0.009	-0.011	X & Y	
SC17CM16	35.822	2.466	4.368	35.787	2.478	4.374	0.035	-0.012	-0.006	X & Y	
SC17CMC1	-13.789	-3.422	4.398	-13.793	-3.429	4.403	0.004	0.007	-0.005	X & Y	0.013
SC17CMC2	-13.820	7.279	4.376	-13.824	7.273	4.369	0.004	0.006	0.007	X & Y	
SC17CMC3	37.481	-5.429	4.421	37.454	-5.433	4.416	0.027	0.004	0.005	X & Y	
SC17CMC4	37.553	13.299	2.995	37.535	13.291	2.992	0.018	0.008	0.003	X & Y	
SC17CM21	-34.868	1.461	4.406	-34.831	1.458	4.398	-0.037	0.003	0.008	X & Y	-0.024
SC17CM22	-34.882	8.463	4.397	-34.841	8.457	4.395	-0.041	0.006	0.002	X & Y	
SC17CM24	34.475	-4.966	4.389	34.487	-4.989	4.390	-0.012	0.023	-0.001	Y Only	
SC17CM25	36.594	6.261	4.381	36.608	6.243	4.381	-0.014	0.018	0.000	Y Only	
SC17CM29	74.599	-20.270	4.378	74.626	-20.267	4.380	-0.027	-0.003	-0.002	X & Y	
SC17CM20	76.870	-8.219	4.375	76.881	-8.212	4.380	-0.011	-0.007	-0.005	X & Y	

Cell 18

SC18CM11							0.019	-0.010	0.008	X & Y	0.035
SC18CM12							0.037	-0.003	0.007	X & Y	
Flange								-0.004	-0.014	X & Y	
SC18CM19							0.049	-0.007	-0.001	X & Y	
SC18CM10							-0.037	-0.020	0.002	X & Y	
SC18CM1B							0.031	0.112	0.002	Y Only	
SC18CM1C							-0.039	0.009	0.007	Y Only	
SC18CMY1							0.020	-0.007	0.006	X & Y	0.017
SC18CMY2							0.056	0.129	0.012	X & Y	
SC18CMY3							0.015	0.011	0.007	X & Y	
SC18CMY4							0.040	0.104	0.003	X & Y	
SC18CM21							-0.019	0.005	0.002	X & Y	-0.004
SC18CM22							-0.014	0.011	-0.002	X & Y	
SC18CM23							-0.015	-0.012	-0.004	Y Only	
SC18CM28							0.147	-0.130	0.016	Y Only	
SC18CM20							0.022	0.009	0.014	Y Only	
SC18CM2A							0.028	0.012	0.011	X & Y	
SC18CM2B							0.054	-0.007	0.016	X & Y	