

9/9/2017 17:00

ER/RRES-WQH	DATE RECEIVED	EDD sent	Hard sent	uired analy	SAMPLE ID	Location	Date/Time	days	DATE ICPOES Cat	Al(ppm)	stdev (Al)	B(ppm)	stdev (B)	Ba(ppm)	stdev (Ba)	Ca(ppm)	stdev (Ca)	Fe(ppm)	stdev (Fe)	K(ppm)	stdev (K)	Li(ppm)	stdev (Li)
2017-2684	05-Sep-17	25-Jan-18	25-Jan-18	32	TRR-28-17-142553	R-28	9/2/2017 14:35		9/6/2017	0		0		0.07301	0.00031	47.47537	0.122564	0.077418	0.000912	2.044835	0.039726	0.0411	7.38E-05
2017-2684	05-Sep-17	25-Jan-18	25-Jan-18	32	TRR-28-17-142554	R-28	9/2/2017 18:30		9/6/2017	0		0		0.071224	0.000165	46.58196	0.786098	0.02595	0.00017	1.962584	0.003029	0.039958	3.77E-05
2017-2684	05-Sep-17	25-Jan-18	25-Jan-18	32	TRR-28-17-142555	R-28	9/3/2017 12:35		9/6/2017	0		0		0.070895	0.000392	46.36116	0.190571	0.033441	0.000386	1.962078	0.006184	0.039629	0.000192
2017-2684	05-Sep-17	25-Jan-18	25-Jan-18	32	TRR-28-17-142556	R-28	9/3/2017 18:30		9/6/2017	0		0		0.070003	0.000245	45.63367	0.050517	0.012907	2.83E-06	1.903657	0.013243	0.038793	9.8E-05
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142557	R-28 Water Tank 6-5	9/9/2017 7:30		9/28/2017	0		0		0.078625	0.001528	43.70192	0.285833	0.039259	0.000589	0		0.029003	0.001144
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142558	R-28 Water Tank 6-6	9/9/2017 7:45		9/28/2017	0		0		0.079641	0.000312	46.62674	0.018748	0.022587	0.001788	0		0.02342	6.66E-06
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142559	R-28 Molasses Tank 1	9/9/2017 8:12		10/11/2017	0		0		0.177329	0.001687	282.0725	1.700484	2.535628	0.029641	1842.757	23.59922	0.152077	0.002336
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142560	R-28 Molasses Tank 2	9/9/2017 8:45		10/11/2017	0		0		0.177395	0.003745	263.8415	0.786273	3.651601	0.000196	1899.741	5.348192	0.113321	0.006294
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142561	R-28 Molasses Tank 3	9/9/2017 9:15		10/11/2017	0		0		0.147056	0.004344	213.4459	0.557987	2.803062	0.011252	1441.511	18.54615	0.087589	0.004518
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142562	R-28 Molasses Tank 4	9/9/2017 9:45		10/11/2017	0		0		0.173899	0.002326	255.7898	0.126749	3.243305	0.013375	1787.508	6.228059	0.086731	0.026316
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142563	R-28 Chase Water	9/9/2017 10:00		10/11/2017	0		0		0.036494	0.000145	18.27133	0.014528	2.134925	0.008914	2.180153	0.018399	0.026252	0.000673
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142564	R-28 Molasses Tank 5	9/9/2017 10:16		10/11/2017	0		0		0.155689	0.003399	222.1837	2.663731	2.722312	0.011497	1517.769	16.83405	0.097687	7.91E-06
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142565	R-28 Molasses Tank 6	9/9/2017 10:48		10/11/2017	0		0		0.192499	0.001153	264.0305	0.093319	3.201882	0.008903	1843.558	1.988244	0.096146	0.015713
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142566	R-28 Molasses Tank 7	9/9/2017 11:18		10/11/2017	0		0		0.175029	0.003588	265.2621	0.170913	3.238448	0.003022	1853.325	6.40016	0.09875	0.014105
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142567	R-28 Molasses Tank 8	9/9/2017 11:46		10/11/2017	0		0		0.164417	0.000232	231.2054	1.053699	2.828491	0.012938	1604.555	18.97223	0.076011	0.021492
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142568	R-28 Molasses Tank 9	9/9/2017 12:18		10/11/2017	0		0		0.169803	0.00621	236.4902	0.222673	2.917856	0.005428	1597.022	5.238146	0.092492	0.008668
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142569	R-28 Molasses Tank 10	9/9/2017 12:51		10/11/2017	0		0		0.170038	0.003535	242.895	1.231556	3.015459	0.014665	1638.621	24.27959	0.089305	0.011255
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142570	R-28 Molasses Tank 11	9/9/2017 13:22		10/11/2017	0		0		0.178851	0.002744	245.1887	0.081041	3.123577	0.00331	1647.954	7.097805	0.101081	0.000567
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142571	R-28 Molasses Tank 12	9/9/2017 13:55		10/11/2017	0		0		0.247492	0.001281	287.9309	3.813016	3.646008	0.018516	1961.701	32.43706	0.112777	0.011757
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142572	R-28 Molasses Tank 13	9/9/2017 14:25		10/11/2017	0		0		0.216903	0.001551	230.344	1.760946	2.989329	0.003782	1503.206	7.586607	0.103093	0.016326
2017-2744	11-Sep-17	22-Dec-17	22-Dec-17	32	TRR-28-17-142573	R-28 Molasses Tank 14	9/9/2017 14:50		10/11/2017	0.201582	0.009767	0		0.263209	0.001512	273.8623	1.014818	3.616602	0.019247	1847.831	10.66131	0.168137	0.002562
2017-2747	11-Sep-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142574	R-28 Molasses Tank 15	9/9/2017 15:20		10/11/2017	0.304762	0.02517	0		0.316821	0.000595	286.2204	2.915491	3.643196	0.020088	1922.706	12.55126	0.176806	0.004146
2017-2747	11-Sep-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142575	R-28 Molasses Tank 16	9/9/2017 15:55		10/11/2017	0		0		0.344772	0.004082	320.9065	1.322166	3.939166	0.003986	2182.05	2.205742	0.163886	0.034125
2017-2747	11-Sep-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142576	R-28 Molasses Tank 17	9/9/2017 16:25		10/11/2017	0.157703	0.007072	0		0.321945	0.001753	277.9498	0.31359	3.523642	0.003891	1864.545	12.3054	0.16564	0.02101
2017-2747	11-Sep-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142577	R-28 Molasses Tank 18	9/9/2017 17:05		10/12/2017	0		0		0.456967	0.005544	660.737	0.713034	8.477544	0.039865	5530.159	52.16436	0.245599	0.037087
2017-2747	11-Sep-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142578	R-28 Molasses Tank 19	9/9/2017 17:35		10/11/2017	0		0		0.397926	0.007741	388.0654	1.118011	4.605925	0.012764	2791.925	7.800898	0.190725	0.022463
2017-2747	11-Sep-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142579	R-28 Molasses Tank 20	9/9/2017 18:00		10/11/2017	0.511034	0.046747	0		0.358408	0.003133	349.2172	7.65118	5.0762	0.061451	2389.397	40.1861	0.179663	0.000351
2017-2753	12-Sep-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142580	R-28	9/12/2017 10:20	2.722222222	10/11/2017	0.879648	0.006789	0		0.460636	0.000588	205.4905	1.143402	17.0773	0.016587	1106.471	0.82231	0.129776	0.006353
2017-2763	13-Sep-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142581	R-28	9/13/2017 10:20	3.722222222	12/6/2017	1.854535	0.053169	0		0.390638	0.000683	208.4488	0.48893	20.8979	0.025649	1068.231	19.67026	0.059621	0.015018
2017-2782	14-Sep-17	31-Oct-17	31-Oct-17	32	TRR-28-17-142582	R-28	9/14/2017 10:05	4.711805556	10/12/2017	0.721493	0.055139	0		0.282631	0.000579	183.9582	1.386189	17.40276	0.147218	997.5351	0.187607	0.072731	0.037601
2017-2813	15-Sep-17	31-Oct-17	31-Oct-17	32	TRR-28-17-142583	R-28	9/15/2017 10:45	5.739583333	10/12/2017	1.114243	0.031062	0		0.292281	0.009502	197.7498	1.673978	19.91513	0.159302	1068.379	14.8555	0.096551	0.01018
2017-2835	18-Sep-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142584	R-28	9/16/2017 11:00	6.75	10/12/2017	1.138083	0.014235	0		0.273034	0.00066	217.2142	1.577901	23.52916	0.144301	1105.446	2.853922	0.083593	0.02419
2017-2835	18-Sep-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142585	R-28	9/17/2017 14:30	7.895833333	10/12/2017	1.248578	0.040631	0		0.638029	0.00013	241.6617	2.106277	25.77856	0.083169	1170.914	13.5919	0.134385	0.000972
2017-2835	18-Sep-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142586	R-28	9/18/2017 11:55	8.788194444	10/12/2017	2.530822	0.027367	0		0.397364	0.000375	381.2401	1.289142	36.89474	0.438283	1498.573	2.88331	0.169733	0.032763
2017-2845	19-Sep-17	31-Oct-17	31-Oct-17	32	TRR-28-17-142587	R-28	9/19/2017 10:45	9.739583333	10/12/2017	1.960937	0.070194	0		0.323357	0.003544	319.6924	0.679848	33.21224	0.278974	1335.569	25.11198	0.131831	0.010098
2017-2861	20-Sep-17	31-Oct-17	31-Oct-17	32	TRR-28-17-142588	R-28	9/20/2017 10:50	10.74305556	10/12/2017	2.155574	0.039783	0		0.345363	0.00466	362.4295	0.518269	36.77101	0.502102	1431.714	41.64139	0.180282	0.006051
2017-2877	21-Sep-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142589	R-28	9/21/2017 10:15	11.71875	10/12/2017	2.077335	0.029218	0		0.605097	0.001113	395.6585	1.427512	40.44682	0.030172	1529.649	13.57416	0.183995	0.000266
2017-2887	22-Sep-17	31-Oct-17	31-Oct-17	32	TRR-28-17-142590	R-28	9/22/2017 10:45	12.73958333	10/11/2017	2.168763	0.075587	0		0.940349	0.004726	433.0677	2.436326	44.07103	0.255805	1577.07	3.607717	0.185318	0.030511
2017-2893	25-Sep-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142591	R-28	9/25/2017 11:00	15.75	10/12/2017	1.819769	0.002325	0		0.626564	0.005041	424.3079	4.974964	42.39579	0.260656	1620.246	0.190088	0.210083	0.003151
2017-2904	26-Sep-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142592	R-28	9/26/2017 11:05	16.75347222	10/12/2017	1.551846	0.001814	0		0.687743	0.003614	410.5147	2.87345	40.31171	0.497388	1585.42	25.09649	0.191773	0.004705
2017-2920	27-Sep-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142593	R-28	9/27/2017 9:50	17.70138889	10/12/2017	1.523465	0.219367	0		0.468707	0.002845	406.53	2.014507	39.74505	0.201385	1573.562	19.28725	0.17369	0.01222
2017-2949	28-Sep-17	30-Nov-17	30-Nov-17	32	TRR-28-17-142594	R-28	9/28/2017 10:45	18.73958333	10/12/2017	1.33704	0.002463	0		0.592859	0.004007	414.5116	5.131197	39.78306	0.290194	1575.493	10.8996	0.194132	0.002364
2017-3004	02-Oct-17	30-Nov-17	30-Nov-17	32	TRR-28-17-142595	R-28	9/29/2017																

2018-645	31-Oct-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142616	R-28	10/31/2017 10:05	51.71180556	12/6/2017	1.470188	0.075323	0	0.549565	0.005236	450.0985	4.613196	53.79012	0.123184	1622.297	7.144268	0.306896	0.008064
2018-669	01-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142617	R-28	11/1/2017 10:10	52.71527778	12/7/2017	1.464429	0.090992	0	0.796932	0.004363	475.2655	9.062272	50.4418	0.212033	1680.297	31.32851	0.321786	0.021307
2018-694	02-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142618	R-28	11/2/2017 10:50	53.74305556	12/7/2017	1.494732	0.045771	0	0.773808	0.002252	463.6686	5.057635	48.98606	0.264661	1611.504	25.07311	0.335219	0.019531
2018-705	03-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142619	R-28	11/3/2017 10:20	54.72222222	12/7/2017	1.381558	0.029821	0	0.708372	0.004111	426.2614	0.463991	46.47629	0.622822	1486.515	17.74611	0.324999	0.025823
2018-717	06-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142620	R-28	11/6/2017 9:45	57.69791667	12/7/2017	1.316062	0.083309	0	0.69619	0.003472	424.5987	0.931493	46.44751	0.062893	1493.772	6.187796	0.327986	0.026491
2018-755	07-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142621	R-28	11/7/2017 10:00	58.70833333	12/7/2017	1.285535	0.002337	0	0.697558	0.011625	424.2041	5.515194	45.77492	0.488906	1479.851	31.2014	0.333934	0.037563
2018-802	08-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-142622	R-28	11/8/2017 10:45	59.73958333	12/7/2017	1.387372	0.02308	0	0.703292	0.007595	424.0284	10.91177	45.79663	0.41409	1456.898	26.74849	0.332266	0.010519
2018-836	09-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-17-142623	R-28	11/9/2017 8:45	60.65625	12/7/2017	1.295554	0.10338	0	0.614164	0.011173	385.8552	2.797946	40.98452	0.369104	1324.865	0.243346	0.33722	0.019172
2018-866	13-Nov-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142624	R-28	11/13/2017 10:00	64.70833333	12/7/2017	1.289838	0.006127	0	0.646494	0.007545	386.7091	0.224349	42.06859	0.192963	1366.34	30.8964	0.357048	0.026191
2018-899	14-Nov-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142625	R-28	11/14/2017 10:10	65.71527778	12/7/2017	0.985019	0.021402	0	0.609316	0.002037	354.6046	8.579353	38.69852	0.268992	1232.71	14.88793	0.334233	0.019349
2018-910	15-Nov-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142626	R-28	11/15/2017 10:35	66.73263889	12/7/2017	0.989148	0.03098	0	0.542647	5.79E-05	265.9479	0.372748	28.60932	0.148984	953.5879	2.829936	0.299553	0.030038
2018-939	16-Nov-17	29-Jan-18	29-Jan-18	32	TRR-28-17-142627	R-28	11/16/2017 10:20	67.72222222	12/7/2017	1.04228	0.004415	0	0.580993	0.003157	334.3228	0.604037	37.10649	0.015825	1164.569	1.540922	0.336009	0.027662
2018-952	17-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-130087	R-28	11/17/2017 10:40	68.73611111	12/6/2017	1.039208	0.020247	0	0.497134	0.006892	271.8876	2.618677	26.41945	0.391007	917.5212	19.25177	0.239074	0.008004
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150063	R-28	11/20/2017 9:40	71.69444444	12/8/2017	0.920248	0.026783	0	0.537405	8.1E-05	277.9316	0.076953	30.10234	0.046376	921.6536	11.16659	0.325818	0.028625
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150064	R-28	11/20/2017 10:00	71.70833333	12/8/2017	0.596224	0.036194	0	0.476061	0.00187	249.494	0.411884	26.19203	0.116426	750.0745	0.463175	0.304088	0.021525
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150065	R-28	11/20/2017 10:20	71.72222222	12/8/2017	0.538307	0.044259	0	0.495732	0.009785	235.9681	1.350523	24.18554	0.069667	717.1004	17.08532	0.296908	0.02288
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150066	R-28	11/20/2017 10:40	71.73611111	1/25/2018	0.460303	0.126356	0	0.453283	0.000757	215.2009	0.695659	21.0229	0.027777	686.3898	3.875058	0.165499	0.001731
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150067	R-28	11/20/2017 11:00	71.75	1/25/2018	0.526265	0.005348	0	0.449761	0.015002	205.6132	0.633558	20.01286	0.171177	662.9569	9.54498	0.141824	0.008229
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150068	R-28	11/20/2017 11:20	71.76388889	1/25/2018	0.417063	0.095627	0	0.464064	0.001099	212.4773	0.693276	20.2658	0.031343	687.8671	0.477089	0.67873	0.01222
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150069	R-28	11/20/2017 11:40	71.77777778	12/13/2017	0.52058	0.004251	0	0.458426	0.000903	233.2405	0.929315	22.1603	0.07555	720.8238	1.913538	0.281108	0.024405
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150070	R-28	11/20/2017 12:00	71.79166667	12/13/2017	0.44041	0.055301	0	0.472023	0.003894	233.0476	1.275512	22.20235	0.076988	714.2234	3.516908	0.283774	0.01987
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150071	R-28	11/20/2017 12:20	71.80555556	12/13/2017	0.505568	0.004302	0	0.464609	0.000389	229.556	3.658794	21.24376	0.142272	697.3625	1.308143	0.258064	0.022261
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150072	R-28	11/20/2017 12:40	71.81944444	12/13/2017	0.578753	0.04046	0	0.478866	0.000109	230.6447	3.368682	21.49246	0.06966	702.9456	0.491249	0.277053	0.021524
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150073	R-28	11/20/2017 13:00	71.83333333	12/13/2017	0.573583	0.01611	0	0.500819	0.000257	232.6994	3.382103	22.12502	0.256168	684.3862	6.032209	0.297319	0.021365
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150074	R-28	11/20/2017 13:20	71.84722222	1/25/2018	0.454282	0.11281	0	0.432375	0.003103	206.5589	3.277283	19.81023	0.192799	671.4573	4.647097	0.138923	0.021449
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150075	R-28	11/20/2017 13:40	71.86111111	1/2/2018	0.500777	0.017763	0	0.62944	0.005573	236.8191	3.042343	22.16843	0.094263	675.1574	13.56091	0.326761	0.024717
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150076	R-28	11/20/2017 14:00	71.875	1/2/2018	0.483656	0.024154	0	0.624443	0.001531	234.1288	0.932011	21.89299	0.144641	662.4338	6.117148	0.340248	0.003641
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150077	R-28	11/20/2017 14:20	71.88888889	1/2/2018	0.506532	0.002687	0	0.634415	0.002379	235.1739	1.538466	21.65046	0.134446	658.2414	7.008139	0.328806	0.003996
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150078	R-28	11/20/2017 14:40	71.90277778	1/2/2018	0.487659	0.013645	0	0.643471	0.00583	231.5908	4.216093	21.46713	0.312213	661.6381	15.29011	0.317958	0.000235
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150079	R-28	11/20/2017 15:00	71.91666667	1/2/2018	0.488561	0.014515	0	0.641792	0.001528	233.9243	0.986754	21.32061	0.202008	658.5247	0.72834	0.34084	0.007803
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150080	R-28	11/20/2017 15:20	71.93055556	1/2/2018	0.49974	0.030982	0	0.626141	0.002047	229.3465	2.503103	21.05734	0.244375	652.0818	5.168173	0.32692	0.005633
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150081	R-28	11/20/2017 15:40	71.94444444	1/2/2018	0.661832	0.000301	0	0.645034	0.008538	231.7171	0.44813	21.19192	0.223174	655.5904	7.257754	0.326253	0.000426
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150082	R-28	11/20/2017 16:00	71.95833333	1/2/2018	0.488725	0.07201	0	0.684327	0.000735	233.3916	3.518991	21.19202	0.135429	664.1539	2.024308	0.332505	0.000119
2018-1063	21-Nov-17	31-Jan-18	31-Jan-18	32	TRR-28-18-150083	R-28	11/20/2017 16:20	71.97222222	1/2/2018	0.554689	0.035394	0	0.698206	0.003754	233.8345	1.354288	20.56624	0.004391	660.7722	4.228139	0.335048	0.007007
2018-1084	21-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-130082	R-28	11/21/2017 10:55	72.74652778	1/2/2018	0.42295	0.038347	0	0.518545	0.004458	231.572	2.814644	22.69577	0.206654	638.6352	3.858969	0.345459	0.002842
2018-1027	22-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-130083	R-28	11/22/2017 10:00	73.70833333	1/2/2018	0.439683	0.025801	0	0.536519	0.006013	226.1282	0.484718	22.45997	0.11701	647.5561	3.368463	0.326642	0.006884
2018-1042	27-Nov-17			32	TRR-28-17-130084	R-28	11/27/2017 13:35	78.85763889	1/2/2018	0.446601	0.043336	0	0.537747	0.00348	237.891	0.517644	24.17295	0.06237	603.8768	4.915147	0.317237	0.000406
2018-1064	28-Nov-17	24-Jan-18	24-Jan-18	32	TRR-28-17-130085	R-28	11/28/2017 10:45	79.73958333	1/2/2018	0.394224	0.00863	0	0.595648	0.003699	219.9994	1.882816	23.93592	0.079023	576.2246	2.295638	0.318819	0.002657
2018-1133	30-Nov-17			32	TRR-28-17-130086	R-28	11/30/2017 10:40	81.73611111	1/2/2018	0.346926	0.025021	0	0.573371	0.001052	225.437	1.491011	23.75865	0.003413	589.5887	1.938101	0.320106	0.00123
2018-1157	04-Dec-17	29-Jan-18	29-Jan-18	32	TRR-28-17-130088	R-28	12/4/2017 13:33	85.85625	1/25/2018	0.179929	0.080458	0	0.467367	0.009986	207.424	0.535262	25.82959	0.085491	604.8228	2.467008	0.141569	0.009305
2018-1216	11-Dec-17	29-Jan-18	29-Jan-18	32	TRR-28-17-130089	R-28	12/8/2017 14:10	89.88194444	1/25/2018	0.192218	0.033303	0	0.395589	0.001777	213.9401	1.817518	26.0342	0.017418	585.1773	0.923347	0.109664	0.009974
2018-1234	11-Dec-17	29-Jan-18	29-Jan-18	32	TRR-28-17-130090	R-28	12/11/2017 13:40	92.86111111	1/25/2018	0		0	0.410027	0.010668	207.6559	1.5232	25.34128	0.182554				

2018-2203	20-Mar-18
2018-2218	22-Mar-18
2018-2228	27-Mar-18
2018-2239	29-Mar-18
2018-2251	03-Apr-18
2018-2314	05-Apr-18

32	TRR-28-18-151541	R-28	3/20/2018 12:10	191.7986111
32	TRR-28-18-151542	R-28	3/22/2018 10:25	193.7256944
32	TRR-28-18-151543	R-28	3/27/2018 10:35	198.7326389
32	TRR-28-18-151544	R-28	3/29/2018 10:30	200.7291667
32	TRR-28-18-151545	R-28	4/3/2018 9:45	205.6979167
32	TRR-28-18-151546	R-28	4/5/2018 9:50	207.7013889

4/12/2018	0 ---	0 ---	0.505785	0.014118	93.23517	0.632011	21.99636	0.342907	163.9341	1.262522	0 ---
4/12/2018	0 ---	0 ---	0.596352	0.024385	111.049	0.048269	24.05956	0.280143	180.2531	0.25737	0 ---
4/12/2018	0 ---	0 ---	0.683014	0.018284	140.7617	0.080697	22.61991	0.312752	232.5705	0.167003	0 ---
4/12/2018	0 ---	0 ---	0.540145	0.0174	162.4484	2.161902	36.38073	0.041988	242.3443	3.88732	0.063963 0.011434
4/12/2018	0 ---	0 ---	0.592074	0.004575	150.778	1.043642	24.70853	0.416514	254.9211	1.863897	0 ---
4/12/2018	0 ---	0 ---	0.63778	0.026955	153.2431	0.010477	29.41945	0.512637	240.0399	1.655752	0 ---

[illegible]

167.7963	1.197871	33.51754	0.049116	184.4978	0.434185	64.67738	0.171214	138.4096	0.366399	2.014275	0.013511	0.245326	0.002487	2.043114	0.004677	1.371297	0.002866
171.1142	0.230902	34.27403	0.025839	192.2817	6.152184	63.4824	0.033037	135.8523	0.0707	2.065831	0.017178	0.248428	0.002851	2.107114	0.018309	1.436966	4.46E-05
166.8369	0.004206	33.56635	0.132395	187.3114	0.336243	62.86501	0.0928	134.5311	0.198592	2.003668	0.001362	0.227972	0.000138	2.065906	0.024067	1.390678	0.003381
156.0656	0.331479	32.32851	0.00197	172.2339	2.425819	61.99914	0.257032	132.6782	0.550049	1.854038	0.014811	0.208196	0.003168	1.862957	0.014641	1.199203	0.016929
153.8157	0.46127	31.76208	0.010638	168.6227	1.717109	61.13386	0.215366	130.8265	0.460883	1.854358	0.020017	0.192863	0.003677	1.910555	0.03481	1.228453	0.00355
154.3361	2.739975	32.35164	0.432897	170.7587	2.697448	61.23733	1.243712	131.0479	2.661543	1.85206	0.028184	0.185458	0.000869	1.916865	0.044107	1.208306	0.023433
153.3187	2.036079	32.2778	0.521724	168.7308	2.704768	61.17699	0.852572	130.9188	1.824505	1.830182	0.036086	0.181309	0.007084	1.91893	0.012155	1.22263	0.006236
140.2975	1.510985	29.96776	0.405216	154.6599	2.132684	61.37589	0.609799	131.3444	1.30497	1.654662	0.000886	0.171548	0.001028	1.76092	0.00105	1.024842	0.008298
141.3816	1.532009	30.33277	0.130771	153.8976	0.407026	61.1514	0.257588	130.864	0.551239	1.704347	0.009055	0.167099	0.009575	1.799407	0.01031	1.059874	0.023577
130.0266	0.209288	28.35466	0.08738	143.3462	0.698161	59.68707	0.578007	127.7303	1.236935	1.554297	0.011506	0.145577	0.002147	1.563815	0.003997	0.936301	0.00159
99.84133	0.774983	25.8549	0.344941	111.5327	1.684703	58.12614	0.36902	124.3899	0.789703	1.142527	0.014717	0.154389	0.004239	0.94019	0.007506	0.484619	0.006676
122.063	0.421827	27.5757	0.029002	135.2315	0.52522	60.0826	0.272708	128.5768	0.583594	1.435117	0.003696	0.144075	0.001769	1.603286	0.012746	0.866378	0.004817
100.8794	1.563489	24.63951	0.245508	112.5253	2.030497	56.23949	0.561677	120.3525	1.201988	1.156299	0.012255	0.134073	0.00089	1.174617	0.006933	0.576034	0.001381
100.426	0.682344	26.63136	0.015963	111.4995	0.36207	59.5971	0.04097	127.5378	0.087676	1.159061	0.008306	0.141179	0.004933	1.024546	0.03053	0.515552	0.013062
92.84575	0.713123	27.70161	0.211974	98.39952	0.310078	57.36718	0.17983	122.7658	0.384835	1.027552	0.003375	0.154114	0.001246	0.410779	0.01367	0.236946	0.006916
86.85649	0.561809	26.20904	0.232275	92.60893	0.505143	56.99674	0.021362	121.973	0.045714	0.976282	0.00236	0.180599	0.0004	0.34906	0.006365	0.194331	0.012816
83.13585	0.045869	24.25409	0.127329	89.76453	0.244762	52.13184	0.116655	111.5621	0.249641	0.932403	0.002769	0.199879	0.006505	0	0.175103	0.019126	
80.26987	0.64546	23.5172	0.25476	84.86517	0.218344	50.13115	0.157609	107.2807	0.337283	0.902893	0.005488	0.200007	0.008347	0	0.146114	0.001492	
82.29949	0.179628	24.41724	0.150609	87.16022	0.086157	51.84611	0.026541	110.9507	0.056797	0.920881	0.014532	0.210894	0.004982	0	0.174904	0.008293	
86.81821	0.051799	25.53072	0.073567	92.05369	0.402936	55.99745	0.001838	119.8346	0.003934	0.985	0.004279	0.203194	0.000367	0.287778	0.003234	0.165079	0.008325
86.68469	0.004517	25.20413	0.024881	91.25285	0.825773	56.1149	0.072599	120.0859	0.155362	0.979251	0.015108	0.204467	0.003745	0.285537	0.011695	0.153112	0.000894
84.71436	1.103808	24.98194	0.432309	88.11977	1.282959	54.47667	0.177491	116.5801	0.37983	0.952084	0.007311	0.196984	0.006151	0.262419	0.01685	0.148043	1.25E-05
85.63268	0.444832	24.99209	0.033607	89.36847	0.234368	54.56862	0.125437	116.7768	0.268436	0.967103	0.01133	0.200543	0.00192	0.260169	0.003535	0.154007	0.005
84.43537	0.256788	25.15709	0.125169	85.54339	0.149065	54.79792	0.209478	117.2675	0.448283	0.951564	0.012008	0.204037	0.000417	0.302206	0.025089	0.161469	0.001338
80.52644	0.799714	23.64863	0.269154	87.50856	1.723257	51.11567	0.461598	109.3875	0.98782	0.917329	0.001751	0.2108	0.012213	0	0.146532	0.017004	
86.21549	0.099424	25.42996	0.126685	84.13855	0.348602	53.77855	0.255108	115.0861	0.545931	0.961512	0.016872	0.202851	#####	0.339969	0.01117	0.156232	0.001395
84.80377	0.332918	24.9932	0.061238	83.86201	0.098916	52.89472	0.047764	113.1947	0.102214	0.946385	0.001415	0.201349	#####	0.305204	0.006916	0.160455	0.000892
85.11227	0.680263	25.03827	0.265612	82.80842	1.5561	52.88196	0.327087	113.3814	0.699967	0.944914	0.016534	0.206183	#####	0.364275	0.005457	0.163214	0.007496
84.53922	0.446571	25.0319	0.206195	82.10963	2.195029	53.1935	0.745872	113.8341	1.596166	0.947221	0.014064	0.207833	#####	0.320483	0.005428	0.161867	0.007194
84.92457	0.164671	24.9264	0.287898	81.62183	0.269491	52.4165	0.008923	112.1713	0.019096	0.936634	0.004028	0.20255	#####	0.353139	0.023506	0.157528	0.005627
83.52239	0.612322	24.71026	0.098692	80.37525	0.815381	52.13951	0.411907	111.5786	0.881481	0.92576	0.016971	0.204559	#####	0.368045	0.006754	0.153334	0.003885
84.56851	0.293025	24.89492	0.131959	82.21667	0.960632	52.68473	0.144741	112.7453	0.309745	0.931516	0.000153	0.211306	#####	0.393027	0.018175	0.159287	0.010581
84.4737	0.198853	24.83169	0.252544	81.28163	0.152833	53.03403	0.079579	113.4928	0.170298	0.942826	0.004829	0.211674	#####	0.474169	0.021514	0.15768	0.002414
85.04147	0.484084	24.98322	0.037399	83.65617	0.952902	53.36362	0.238586	114.1981	0.510573	0.957341	0.004008	0.20894	#####	0.545459	0.020342	0.167632	0.002428
83.59805	0.924609	24.998	0.058351	83.6775	0.885769	53.32278	0.321137	114.1108	0.687233	0.928002	0.008308	0.186607	0.001	0	0.170813	0.009403	
82.09967	0.806522	24.29961	0.067594	81.99449	1.136332	52.92528	0.474412	113.2601	1.015241	0.924963	0.006262	0.18083	0.006	0.378845	0.002057	0.196024	0.006122
81.52638	0.080744	21.69698	0.004298	76.80996	0.232817	53.02087	0.195137	113.4647	0.417592	0.953469	0.004344	0.126613	0.003	0.359878	0.018069	0.243207	0.00798
75.26952	0.881973	21.0947	0.317498	73.53876	0.812211	52.96467	0.003239	113.3444	0.006932	0.875376	0.001357	0.120749	0.002	0.314071	0.010348	0.209611	0.015725
77.47885	0.65517	21.52415	0.172906	74.25474	0.853411	53.61118	0.78856	114.7279	1.687519	0.903405	0.012318	0.112372	0.000	0.349417	0.006651	0.228947	0.0023
76.25301	0.06212	20.87167	0.201373	85.23815	0.34912	56.16351	0.032348	120.1899	0.069224	0.920963	0.003963	0.111091	0.003549	0	0.209309	0.001124	
78.09001	0.391504	19.8348	0.020804	82.01811	0.36414	52.5004	0.032383	112.3509	0.0693	0.935033	0.005653	0.100331	0.007867	0	0.212178	0.019065	
75.32422	0.535946	19.67796	0.158564	78.86178	0.624282	52.71659	0.362541	112.8135	0.775839	0.91373	0.004941	0.107954	0.01205	0	0.216891	0.0233	
70.00424	0.588963	20.51064	0.02807	72.46387	0.966536	50.78992	0.345316	108.6904	0.738976	0.845926	0.00051	0.154716	6.15E-06	0	0.165322	0.017902	
79.87622	0.459099	20.84106	0.023482	81.7975	0.116586	55.76183	0.085289	119.3303	0.182517	0.971539	0.003177	0.127105	0.003691	0	0.213658	6.97E-05	
65.72799	0.581238	17.06216	0.149756	67.773	1.452	51.53681	0.236182	110.2888	0.505431	0.815452	0.013765	0.161001	0.002431	0	0.188323	0.006929	
64.36078	0.261258	16.49477	0.039966	66.63514	0.476567	50.8149	0.017082	108.7439	0.036556	0.800351	0.006987	0.143667	0.000287	0	0.174178	0.013804	
64.70194	0.557518	17.0875	0.131688	68.28336	0.13226	54.47656	0.256029	116.5798	0.547902	0.795117	0.007402	0.178718	0.008804	0	0.161091	0.001776	
53.80188	0.08439	14.57557	0.092489	63.03323	0.179032	51.37403	0.272984	109.9404	0.584185	0.668799	0.002977	0.177897	1.6E-05	0	0.119722	0.007651	
59.28201	0.798873	15.44291	0.101617	63.43545	0.875451	51.14789	0.128531	109.4565	0.275057	0.735907	0.002012	0.171183	0.002934	0	0.185065	0.003374	
54.51669	0.45032	14.85735	0.123787	59.63361	0.166017	50.49012	0.507429	108.0488	1.085897	0.675195	0.005849	0.205789	0.003041	0	0.132212	0.01541	
56.81741	0.068027	15.04142	0.036433	63.08325	0.234157	51.46907	0.175665	110.1438	0.375924	0.698614	0.002264	0.129417	0.008648	0	0.15932	0.003824	
54.59248	0.189018	14.50919	0.020224	58.84829	0.375564	52.75667	0.097874	112.8993	0.209451	0.667887	0.000558	0.177805	0.011895	0	0.14177	0.005358	
53.16169	0.740003	14.29036	0.101116	57.86937	0.975741	54.21843	0.041729	116.0274	0.089301	0.655699	0.006486	0.209519	0.003971	0	0.135248	0.005978	
47.84145	0.098931	14.53949	0.087888	52.63881	0.161541	48.92365	0.385678	104.6966	0.825351	0.573614	0.005486	0.299423	0.000599	0	0.08331	0.02901	
45.9342																	

29.11737	0.046632	9.083793	0.100233	23.79361	0.05555	38.21443	0.319501	81.77889	0.683733	0.41366	0.000194	0.268563	0.008539	0 ---	0 ---	4/4/2018	0
32.69978	0.038512	9.905723	0.110097	27.20375	0.067401	44.49464	0.234969	95.21854	0.502834	0.486882	0.000669	0.2233	0.00287	0 ---	0 ---	4/4/2018	0
44.00561	0.353311	13.25615	0.215938	35.11046	0.159864	43.4835	0.356492	93.05469	0.762892	0.608837	0.007258	0.199458	0.002506	0 ---	0 ---	4/4/2018	0
50.62897	0.382572	15.28823	0.010913	45.09925	0.560498	40.52093	0.361918	86.71479	0.774506	0.692607	0.011756	0.208312	0.017255	0 ---	0 ---	4/4/2018	0
43.15139	1.787171	13.04268	2.352411	40.24401	0.090079	38.40528	0.827619	82.1873	1.771104	0.657501	0.000565	0.192095	0.008884	0 ---	0 ---	4/4/2018	0
45.67981	0.359389	14.33817	0.171076	41.57991	0.786049	27.15779	0.321993	58.11768	0.689065	0.677274	0.002242	0.268977	0.000293	0 ---	0 ---		

AI ICPMS (ppm)	stdev (AI)	As(ppm)	stdev (As)	Ba ICPMS (ppm)	stdev (Ba)	Be(ppm)	stdev (Be)	Cd(ppm)	stdev (Cd)	Co(ppm)	stdev (Co)	Cr (ppm)	stdev (Cr)	Cs(ppm)	stdev (Cs)	Cu(ppm)	stdev (Cu)	Li ICPMS (ppm)	stdev (Li)	Mn ICPMS (ppm)	stdev (Mn)	Ni(ppm)	stdev (Ni)	Pb(ppm)	stdev (Pb)	Rb(ppm)	stdev (Rb)	Se(ppm)	stdev (Se)	Sr ICPMS (ppm)	stdev (Sr)
0.020143	0.000279	0.000476	5.69E-05	0.068708	0.000769	0		0		0		0.343663	0.005886	0.000432	1.5E-05	0.001914	9.64E-05	0.039998	0.000771	0.00642	9.48E-05	0.012572	0.000388	0				0		0.182463	0.003066
0.012993	0.155157	0.188693	0.317053	0.138046	0.231441	0.184804	0.182248	0.192903	0.110543	0.197089	0.231001	0.128154	0.117162	0.193009	0.258689	0.199362	0.466324	0.311771	0.730194	0.101251	0.158656	0.079352	0.044565	0.009271	0.000155	0.531573	0.015262	0		0	
1.485853	0.087607	0.009114	0.00281	0.588163	0.007481	0		0		0.065402	0.001685	0.945299	0.036814	0.005229	0.000248	0.624482	0.013323	0.084523	0.006949	4.109795	0.032031	0.835412	0.019732	0.116687	0.000875	0		0		0.177084	0.00124
1.701092	0.07679	0.008803	0.000808	0.557571	0.005615	0		0		0.089008	0.004151	1.096564	0.011235	0.006301	0.000195	0.48894	0.015824	0.097668	0.001854	6.3213	0.137328	1.000942	0.015415	0.10676	0.003324	0		0		0.177018	0.002509
2.935646	0.075619	0.010319	0.002459	0.657563	0.009126	0		0		0.15632	0.002447	1.360432	0.028488	0.010317	0.000269	0.394177	0.009164	0.142526	0.002723	14.15196	0.737992	1.356222	0.0281	0.056076	0.001535	0		0		0.17814	0.004157
2.484286	0.162525	0.008307	0.000491	0.738433	0.005268	0		0		0.131717	0.001937	1.347685	0.043581	0.009212	0.000138	0.411937	0.002618	0.128637	0.009718	12.0444	0.288423	1.268092	0.018689	0.080292	0.002223	0		0		0.162535	0.004287
2.731179	0.095945	0.009242	0.00288	0.80383	0.002468	0.035079	0.015656	0.036903	0.0159	0.176476	0.013443	1.381509	0.041806	0.03993	0.016239	0.384194	0.016723	0.169621	0.01524	13.41971	0.246964	1.352783	0.039368	0.106841	0.017617	0		0		0.179828	0.001921
2.642067	0.070331	0.009474	0.001675	0.816239	0.008538	0		0		0.167012	0.003192	1.411496	0.025306	0.012778	0.000742	0.294285	0.006408	0.157757	0.003308	15.11361	0.069632	1.425422	0.016477	0.050274	0.001227	0		0		0.124978	0.001995
2.615198	0.071138	0.01016	0.003691	0.770442	0.010953	0		0		0.171432	0.001688	1.431427	0.003286	0.011844	0.000331	0.310429	0.008898	0.157076	0.002931	15.66136	0.171423	1.466821	0.044507	0.069216	0.002165	0		0		0.139474	0.011995
2.46817	0.120567	0.010754	0.002042	0.805954	0.002383	0		0		0.194991	0.002193	1.355266	0.026667	0.013952	0.000401	0.227352	0.009148	0.17434	0.004618	17.90842	0.132053	1.559253	0.009589	0.040085	0.000607	0		0		0.13685	0.031995
2.514351	0.135509	0.012678	0.001535	0.825724	0.018303	0		0		0.19084	0.007052	1.369695	0.053193	0.014036	0.000367	0.238259	0.014199	0.171108	0.007934	18.18888	0.623136	1.522341	0.064324	0.063574	0.000989	0		0		0.139474	0.011995
2.490463	0.190087	0.011187	0.001661	0.814984	0.018224	0		0.006742	0.000982	0.208764	0.010361	1.409393	0.007938	0.01412	0.000126	0.259179	0.009942	0.185864	0.017871	19.74439	0.882999	1.64241	0.061291	0.085719	0.001429	0		0		0.124978	0.001995
2.333047	0.070549	0.00791	0.001111	0.805615	0.010749	0.001698	0.000335	0.000922	6.28E-05	0.193218	0.006389	1.225946	0.009681	0.012553	0.000651	0.22753	0.012081	0.197528	0.003005	18.80417	0.178874	1.417447	0.063989	0.110869	0.001174	0.021925	0.039311	1.75238	0.048785	0.124978	0.001995
2.648376	0.054059	0.013279	0.000728	0.754253	0.005593	0		0		0.219175	0.004731	1.416704	0.007275	0.010827	0.000298	0.257447	0.013109	0.216881	0.000974	23.37912	0.471887	1.563211	0.046495	0.116823	0.002965	0		0		0.124978	0.001995
2.178653	0.096058	0.00988	0.002824	0.748936	0.020897	0		0		0.207255	0.00538	1.349425	0.046191	0.014161	0.000678	0.237487	0.00303	0.181834	0.003741	20.2927	0.477132	1.509409	0.025771	0.178687	0.001819	0		0		0.124978	0.001995
2.163002	0.024819	0.011529	0.002914	0.766981	0.013702	0.001353	0.000165	0.001113	0.000187	0.215303	0.002656	1.371258	0.015805	0.015138	0.000203	0.264739	0.00584	0.205468	0.009163	21.59675	0.188979	1.602479	0.04573	0.199283	0.002737	0		0		0.124978	0.001995
2.044318	0.056745	0.010767	0.001354	0.742374	0.014308	0		0		0.215784	0.002385	1.348267	0.059044	0.01459	0.000586	0.260433	0.010472	0.19387	0.005302	21.83918	0.387979	1.607854	0.028097	0.201546	0.004839	0		0		0.124978	0.001995
2.013448	0.040802	0.012703	0.002772	0.748802	0.015706	0		0		0.215369	0.005238	1.344825	0.034376	0.014382	0.000355	0.26928	0.004968	0.192874	0.003622	21.57919	0.268806	1.565735	0.037869	0.237003	0.005528	0		0		0.124978	0.001995
2.089374	0.076719	0.011557	0.001598	0.768397	0.014051	0		0		0.218024	0.008951	1.3692	0.048119	0.01513	0.000616	0.280086	0.008132	0.193817	0.00762	21.77903	0.648184	1.57606	0.025935	0.215984	0.003133	0		0		0.124978	0.001995
2.675806	0.082068	0.012915	0.002912	0.885015	0.012883	0.001704	0.000308	0.00128	0.000199	0.247506	0.010157	1.567279	0.051077	0.016113	0.000125	0.315711	0.012996	0.240344	0.011799	24.30817	0.733005	1.762049	0.04715	0.289995	0.002484	0.027578	0.003708	2.194193	0.051472	0.124978	0.001995
2.12941	0.127354	0.009831	0.002193	0.833156	0.010068	0.04065	0.018003	0.038893	0.017795	0.26752	0.016689	1.393136	0.017271	0.04802	0.019809	0.294585	0.017484	0.242184	0.01275	23.91621	0.468658	1.667643	0.054057	0.324453	0.018065	0		0		0.124978	0.001995
2.094662	0.054005	0.009857	0.001084	0.800753	0.021967	0		0.003629	0.001297	0.237852	0.009964	1.404801	0.010532	0.018464	0.001599	0.272917	0.01212	0.214498	0.003588	24.0293	1.041932	1.600757	0.094345	0.308967	0.003467	0		0		0.124978	0.001995
2.082414	0.112775	0.011047	0.001657	0.794244	0.016338	0		0		0.227725	0.006129	1.349876	0.018235	0.01651	0.000537	0.248352	0.006033	0.202105	0.003983	23.36279	1.040539	1.537354	0.082029	0.279384	0.002927	0		0		0.124978	0.001995
2.254385	0.05694	0.011632	0.003482	0.842974	0.01031	0		0		0.241487	0.002606	1.484726	0.037119	0.017526	0.000273	0.282928	0.002319	0.219758	0.004291	24.95771	0.593372	1.596946	0.035747	0.264593	0.002017	0		0		0.124978	0.001995
2.315168	0.119596	0.010179	0.003621	0.80765	0.024224	0		0		0.233903	0.011752	1.420353	0.037541	0.016961	0.001138	0.203994	0.007381	0.208806	0.01399	24.17019	1.341416	1.534858	0.031795	0.278666	0.00371	0		0		0.124978	0.001995
2.010209	0.039692	0.007629	0.000804	0.727159	0.00772	0.002845	0.001292	0.002068	0.000768	0.223416	0.011355	1.217357	0.06311	0.016217	0.000691	0.167855	0.015207	0.230578	0.00668	23.51085	0.575009	1.369565	0.030887	0.251374	0.001528	0		0		0.124978	0.001995
2.016599	0.077936	0.00766	0.001101	0.76676	0.013596	0		0		0.231125	0.007592	1.327139	0.016845	0.018778	0.000531	0.185189	0.006607	0.219928	0.00838	24.81349	0.265716	1.405368	0.040177	0.248676	0.00269	0		0		0.124978	0.001995
2.146266	0.070637	0.010856	0.002442	0.803245	0.011697	0		0		0.238848	0.006482	1.394186	0.029185	0.01785	0.000291	0.200142	0.00314	0.228848	0.003391	26.17842	0.60712	1.524228	0.002183	0.265669	0.003236	0		0		0.124978	0.001995
2.084352	0.08294	0.008397	0.001394	0.766788	0.018442	0		0		0.239689	0.007972	1.34192	0.032129	0.017812	0.000814	0.18071	0.007575	0.230557	0.012067	26.24317	1.212278	1.446191	0.068022	0.222953	0.00447	0		0		0.124978	0.001995
2.195654	0.030754	0.010903	0.003643	0.755462	0.005622	0		0		0.244888	0.006219	1.358337	0.036999	0.017996	0.00012	0.25019	0.006416	0.235802	0.005865	26.59852	0.256413	1.453639	0.014596	0.241277	0.001853	0		0		0.124978	0.001995
2.87372	0.141754	0		0.70629	0.02005	0		0		0.242538	0.009424	1.147128	0.057131	0.025631	0.006397	0.202809	0.013855	0.29752	0.007935	28.65664	0.527105	1.388013	0.036097	0.230849	0.011034	0		0		0.124978	0.001995
2.042656	0.018167	0.00954	0.001223	0.746445	0.014055	0.001737	0.000155	0.000815	8.21E-05	0.243655	0.008711	1.294546	0.032723	0.01793	0.000522	0.127924	0.004625	0.244846	0.001543	26.20744	0.337192	1.418427	0.056441	0.184044	0.001065	0		0		0.124978	0.001995
3.213108	0.194541	0		0.827569	0.00844	0		0		0.282123	0.017507	1.386019	0.033816	0.021061	0.000367	0.208849	0.00962	0.232895	0.014778	35.30678	0.82127	1.656425	0.064694	0.248369	0.005355	0		0		0.124978	0.001995
2.894817	0.063059	0		0.677854	0.018242	0		0		0.229254	0.00575	1.13221	0.022321</																		

2.968517	0.058496	0	0.630347	0.010221	0	0	0.221183	0.004499	1.023288	0.03528	0	0.622495	0.010154	0.268715	0.004652	26.82212	0.548705	1.191331	0.041919	0.139184	0.005195	0	1.823748	0.023662			
2.798824	0.047558	0	0.678809	0.029503	0	0	0.227537	0.009371	1.071282	0.049425	0	0.15939	0.006709	0.280652	0.003441	28.26045	0.962084	1.258479	0.017174	0.17342	0.003399	0	1.9087	0.055656			
2.835599	0.019905	0	0.682119	0.012525	0	0	0.241147	0.004516	1.14196	0.037232	0	0.213943	0.009047	0.304399	0.007508	30.07554	1.090644	1.328283	0.021989	0.167526	0.002341	0	2.057169	0.029473			
3.178863	0.081558	0	0.685732	0.022119	0	0	0.247377	0.004458	1.119666	0.04039	0	0.195565	0.003795	0.324555	0.013103	32.3796	0.848193	1.267332	0.021419	0.121092	0.002985	0	2.110465	0.05417			
2.686551	0.144367	0	0.581538	0.01695	0	0	0.218257	0.005963	0.956122	0.034716	0	0.160082	0.002205	0.283621	0.002512	27.53794	0.824536	1.097554	0.009682	0.131969	0.004856	0	1.8334	0.007463			
2.622739	0.146374	0	0.580446	0.00402	0	0	0.217837	0.010054	0.932622	0.004921	0	0.150048	0.006879	0.283874	0.010273	27.78116	0.617053	1.111069	0.018856	0.134261	0.002082	0	1.783476	0.047801			
2.766538	0.113445	0	0.598835	0.016967	0	0	0.225797	0.007504	0.982547	0.037258	0.02469	0.001307	0.426003	0.007649	0.306379	0.007326	28.12788	0.501329	1.141763	0.033147	0.164245	0.001599	0	1.813405	0.029443		
2.063736	0.080503	0	0.569293	0.014128	0	0	0.221588	0.004631	0.90906	0.028552	0	0.09285	0.005582	0.269919	0.013304	29.82427	0.917736	1.065556	0.040377	0.10637	0.000815	0	1.776423	0.057773			
2.232144	0.159306	0.016132	0.006152	0.599317	0.008795	0	0.209624	0.009271	0.867158	0.007583	0	0.143999	0.010276	0.293269	0.025382	27.59452	0.552686	0.999675	0.044793	0.116329	0.002759	0	1.614422	0.047856			
2.030405	0.137258	0.016042	0.003741	0.523404	0.005123	0	0.187634	0.007628	0.769696	0.036256	0	0.123178	0.005258	0.265735	0.008241	24.98513	0.112798	0.888716	0.0205	0.091531	0.001694	0	1.472921	0.004176			
1.902534	0.105701	0.010823	0.006667	0.497872	0.006107	0	0.161043	0.002129	0.410331	0.026973	0	0.099933	0.005872	0.265934	0.009067	24.53948	0.665225	0.616558	0.027872	0.030442	0.000725	0	1.172954	0.027438			
1.813684	0.041125	0.012803	0.007892	0.497924	0.008311	0	0.175375	0.00444	0.695568	0.029453	0	0.224165	0.005323	0.248523	0.010969	23.20017	0.925482	0.801853	0.040329	0.131649	0.003777	0	1.300073	0.020494			
1.134265	0.017604	0.009388	0.001214	0.447729	0.019236	0	0.15268	0.006938	0.454731	0.01095	0.015078	0.000298	0.15908	0.004848	0.210636	0.009411	22.10707	0.794738	0.634523	0.02777	0.097102	0.003036	0	1.111483	0.035875		
1.401416	0.023219	0.008757	0.001508	0.479614	0.005171	0	0.181992	0.002718	0.459758	0.014825	0.070033	0.002695	0.079175	0.006095	0.251337	0.005583	26.0272	0.484598	0.65865	0.018484	0.082873	0.002422	0	1.228111	0.039437		
0.842761	0.008558	0.005642	0.002654	0.402112	0.007251	0	0.15635	0.00283	0.177163	0.002742	0.010858	0.000204	0	0.209683	0.00204	24.81844	0.720675	0.471799	0.012067	0.010529	0.001321	0	1.015756	0.030752			
0.779966	0.045992	0.007319	0.001746	0.415511	0.006973	0	0.146544	0.000204	0.144869	0.001899	0.010531	0.000582	0	0.214566	0.008481	23.79798	0.292692	0.419203	0.013452	0.008004	0.000769	0	0.926972	0.027455			
0.796	0.049786	0.007198	0.002529	0.411137	0.015763	0	0.148046	0.004386	0.142504	0.008631	0.011002	0.000805	0	0.211072	0.01035	23.73084	0.384562	0.405951	0.01515	0.006648	0.000337	0	0.962989	0.029949			
0.740809	0.00961	0.007267	0.000848	0.420152	0.01039	0	0.144802	0.00177	0.122121	0.004492	0.010733	0.000303	0.010976	0.005803	0.212321	0.003118	22.88974	0.413558	0.3947	0.001639	0.014178	0.00096	0	0.931597	0.018579		
0.7276	0.043302	0.004536	0.00033	0.387848	0.004948	0	0.13906	0.004598	0.113366	0.00289	0.010076	0.000129	0	0.200668	0.008797	22.47136	1.014309	0.377949	0.017842	0.005148	0.000578	0	0.872514	0.020278			
0.7088	0.017522	0.005853	0.001803	0.429554	0.002573	0	0.150838	0.002956	0.119065	0.001603	0.010978	0.000102	0	0.213712	0.006841	23.71966	1.109325	0.411788	0.010832	0.005979	0.000479	0	0.965508	0.044689			
0.686439	0.017066	0.006374	0.00156	0.423208	0.009035	0	0.143471	0.002388	0.11556	0.003855	0.011469	0.000994	0	0.203191	0.010126	22.32891	0.420668	0.385453	0.011985	0.008256	0.004111	0	0.910984	0.032797			
0.739648	0.041949	0.007187	0.001272	0.431705	0.017132	0	0.149143	0.006857	0.113526	0.005119	0.011728	0.000847	0	0.203385	0.004032	23.88786	0.816516	0.412089	0.015723	0.007058	0.00177	0	0.956111	0.002992			
0.736561	0.032568	0.006409	0.001901	0.451947	0.012157	0	0.149983	0.007373	0.120146	0.004643	0.011799	0.000723	0	0.215522	0.012518	24.37865	1.314079	0.405423	0.018851	0.009111	0.002539	0	0.989912	0.009426			
0.686549	0.023171	0.009514	0.002234	0.428289	0.008358	0	0.14462	0.004916	0.113647	0.002376	0.010862	0.000548	0	0.199548	0.004123	23.00516	0.591948	0.39343	0.004134	0.007195	0.000585	0	0.932029	0.017117			
0.698386	0.025722	0.006223	0.000823	0.448208	0.006903	0	0.147669	0.006314	0.116644	0.003701	0.010935	0.000285	0	0.207557	0.006463	23.57206	0.686835	0.386524	0.003868	0.011436	0.005717	0	0.950214	0.049686			
0.630437	0.024075	0.005469	0.000902	0.458468	0.005425	0	0.141256	0.00686	0.108139	0.003199	0.010869	0.000187	0	0.189014	0.005209	22.46624	0.653781	0.384842	0.007598	0.005829	0.000679	0	0.988358	0.020206			
0.821065	0.003807	0.00632	0.002036	0.488769	0.007759	0	0.158762	0.004997	0.121328	0.006638	0.011964	0.000566	0	0.219426	0.009755	25.62903	0.416561	0.431655	0.015102	0.007577	0.000919	0	1.027969	0.037497			
1.267325	0.027363	0	0.509216	0.010636	0	0	0.1632	0.005622	0.124837	0.011445	0	0	0	0.235101	0.005269	27.63123	0.507277	0.480204	0.022957	0.015529	0.000601	0	1.126769	0.049328			
0.591051	0.026271	0.006703	0.001747	0.41768	0.004396	0	0.135783	0.006333	0.09581	0.002427	0.010062	0.000414	0	0.186537	0.003959	21.28097	0.256976	0.35355	0.01168	0.005505	0.000384	0	0.873932	0.013051			
1.464916	0.039588	0.004697	0.002071	0.45759	0.005505	0	0.145422	0.001382	0.10843	0.004465	0.011324	0.00015	3.123818	0.024849	0.20289	0.002691	23.69332	0.509744	0.391471	0.021231	0.181431	0.004075	0	0.952686	0.02039		
0.618021	0.031279	0.00722	0.00216	0.448598	0.007199	0	0.004059	0.001632	0.143529	0.00453	0.104435	0.005246	0.012328	0.001648	0	0.194212	0.005408	22.29802	0.37844	0.378303	0.005894	0.005779	0.001731	0	0.920998	0.008625	
0.701838	0.034911	0.005344	0.000075	0.477707	0.003673	0	0	0	0.1503	0.001825	0.109459	0.005579	0.011599	0.000436	0	0.204033	0.014602	24.84184	0.446198	0.409951	0.010817	0.005623	0.000698	0	1.00885	0.029785	
0.619544	0.025592	0.00596	0.001798	0.433733	0.005198	0	0	0	0.143743	0.003984	0.097692	0.003112	0.010294	0.00048	0	0.193572	0.006461	22.9977	0.538539	0.383533	0.010324	0.005689	0.000957	0	0.925888	0.051557	
0.614538	0.025184	0.005796	0.00203	0.451355	0.009635	0	0	0	0.141804	0.009618	0.108843	0.000788	0.010794	0.00047	0	0.193622	0.005887	22.38195	0.260902	0.37678	0.016717	0.008338	0.001239	0.030615	0.010183	0.925609	0.039527
0.759572	0.029853	0.005574	0.000405	0.429422	0.005396	0	0	0	0.137136	0.002358	0.113047	0.004556	0.014749	0.000566	0.04244	0.000742	0.203634	0.006995	22.92792	0.456198	0.451568	0.014936	0.028658	0.001333	0	0.909847	0.033268
0.662579	0.05157	0.006138	0.000204	0.371576	0.008985	0	0	0	0.121522	0.00628	0.111881	0.004027	0.012836	0.000523	0.064043	0.004143	0.177595	0.006405	18.91088	1.140726	0.387249	0.018517	0.031911	0.001541	0	0.798212	0.018296
0.678242	0.039232	0.008784	0.000732	0.415376	0.00429	0	0	0	0.120009	0.002181	0.174104	0.006946	0.012518	0.000588	0.054411	0.001762	0.181125	0.003793	18.57591	0.304517	0.414527	0.015786	0.031159	0.000364	0	0.926627	0.022551
0.651253	0.014993	0.008701	0.002611	0.458959	0.015183	0	0	0	0.127304	0.002609	0.15302	0.006665	0.013737	0.000603	0.048127	0.001584	0.185572	0.005144	19.71645	0.431643	0.416862	0.00868	0.029608	0.000617	0	0.942718	0.042799
0.608084	0.017913	0.009142	0.003377	0.432123	0.009797	0	0	0	0.118346	0.009916	0.149632	0.002503	0.012154	0.000605	0.052897	0.001347	0.168629	0.004725	18.4634	0.315909	0.396978	0.011332	0.025879	0.000981	0	0.856663	0.022949
0.577	0.03041	0.006956	0.001676	0.490473	0.013092	0	0	0	0.125286	0.005159	0.149493	0.003869	0.012682	0.000729	0.0266	0.000748	0.169528	0.008699	18.21								

0		0.008486	0.000826	0.543981	0.008652	0	0.001639	0.000401	0.061214	0.00279	0.047371	8.2E-05	0.008896	0.000201	0.03858	0.002085	0.09231	0.007838	8.696206	0.510718	0.220872	0.009119	0.029008	0.000771	0		0.444462	0.017518
0		0.009413	0.002145	0.604329	0.00571	0	0		0.067881	0.002346	0.05471	0.001368	0.009171	0.000121	0.036492	0.001254	0.104939	0.001252	9.961481	0.112064	0.239174	0.012493	0.025571	0.0001	0		0.531361	0.021355
0		0.008388	0.00145	0.638096	0.012145	0	0		0.083262	0.002202	0.06831	0.000797	0.009911	3.41E-05	0.032487	0.001646	0.113498	0.009199	12.50952	0.115742	0.303777	0.008644	0.020247	0.000283	0		0.638467	0.001684
0		0.008863	0.001117	0.643763	0.011775	0	0		0.080984	0.006654	0.070881	0.002893	0.010035	0.000447	0.027317	0.001323	0.116023	0.0052	12.7664	0.893151	0.305554	0.021622	0.018465	0.000563	0		0.650961	0.01939
0.146119	0.024705	0.010161	0.001691	0.653037	0.010573	0	0		0.088404	0.004532	0.080745	0.004162	0.010489	0.000161	0.03326	0.008509	0.122674	0.008553	13.7215	0.737327	0.320526	0.016338	0.018942	0.001007	0		0.683235	0.014656

0	0	0.085517	0.000741	4.269674	0.155609
0	0	0.086668	0.003844	1.782742	0.072733
0	0	0.09609	0.001309	3.419059	0.085681
0	0	0.101192	0.003818	1.986016	0.067392
0	0	0.086761	0.001155	1.560403	0.021337
0	0	0.083692	0.003434	1.49403	0.050936
0	0	0.090161	0.001667	1.641208	0.021242
0	0	0.094737	0.005075	1.680309	0.048468
0	0	0.092189	0.000922	1.185837	0.057507
0	0	0.084601	0.001245	0	
0	0	0.104823	0.006354	0	
0	0	0.081808	0.001288	1.033362	0.054315
0	0	0.08748	0.005932	0.853903	0.028619
0	0	0.096221	0.00106	0.733925	0.02708
0	0	0.098166	0.003216	0	
0	0	0.10427	0.002029	0	
0	0	0.108702	0.004431	0	
0	0	0.107122	0.001059	0	
0	0	0.105422	0.004657	0	
0	0	0.113808	0.000574	0	
0.003239	0.004071	0.006448	0.003301	0.107325	0.004057
0	0	0.112748	0.000568	0	
0	0	0.116205	0.004721	0	
0	0	0.112014	0.002072	0	
0	0	0.110225	0.005526	0	
0	0	0.109235	0.003213	0	
0	0	0.122242	0.001881	0	
0	0	0.132028	0.008054	0	
0	0	0.100774	0.003493	0	
0	0	0.110108	0.004136	1.926959	0.048909
0	0.005277	0.001312	0.110168	0.001686	0
0	0	0.116824	0.004808	0	
0	0	0.108569	0.002331	0	
0	0	0.108539	0.006799	0	
0	0	0.10511	0.004297	0	
0	0	0.089535	0.001078	0.242541	0.009293
0	0	0.084184	0.003455	0.360044	0.00362
0	0	0.089964	0.005629	0.483693	0.027381
0	0	0.080651	0.003569	0.227347	0.002878
0	0	0.079725	0.00119	0.270491	0.004531
0	0	0.073096	0.002289	0.308647	0.004739
0	0	0.081408	0.000818	0.276492	0.007328
0	0	0.096172	0.002714	0	
0	0	0.076831	0.002675	0.306697	0.004339
0	0	0.089835	0.001472	0.272856	0.007879
0	0	0.094277	0.004173	0.31479	0.006532
0	0	0.085054	0.003839	0.221072	0.002255
0	0	0.094565	0.000779	0	
0.006007	0.004173	0.012453	0.004982	0.101117	0.005877
0	0	0.090563	0.002114	0	
0	0	0.080867	0.003952	0.204645	0.013625
0	0	0.079507	0.002905	0.132615	0.003706
0	0	0.083537	0.00185	0.115063	0.003804
0	0	0.100596	0.002206	0	
0	0	0.094322	0.003764	0	
0	0.002599	0.000265	0.098309	0.002033	0
0	0.003189	0.000224	0.093972	0.003798	0
0	0.002572	0.000168	0.101152	0.002388	0
0	0.003285	0.000209	0.100535	0.001985	0
0	0.002937	6.56E-05	0.100618	0.000425	0
0	0.002925	8.35E-05	0.098294	0.005334	0
0	0.002038	5.89E-05	0.095219	0.003471	0
0	0.002604	0.000117	0.094643	0.004922	0
0	0.00303	2.73E-05	0.089004	0.004549	0

0	0.00403	0.000907	0.098927	0.005708	0
0	0.002435	0.000153	0.088203	0.004293	0
0	0.002062	3.55E-05	0.090638	0.002883	0
0	0		0.089841	0.004394	0
0	0.002374	7.39E-05	0.094153	0.005022	0