

Appendix 2. Geochemistry compilation

Sample_No_	Reference_	Lat	Long	Zone	UTM_Eastir	UTM_North
6729-3046	Gatehouse & others, 1993					
6729-3047	Gatehouse & others, 1993					
6729-3048	Gatehouse & others, 1993					
6729-3337	Gatehouse & others, 1993					
6729-3340	Gatehouse & others, 1993					
6729-3341	Gatehouse & others, 1993					
BB1954	GSQ database	-16.887	145.829386	55	375314	8132569
BB1954A	GSQ database	-16.887	145.829386	55	375314	8132569
JCU1171	GSQ database					
JCU11754	GSQ database					
JCU11755	GSQ database					
JCU11756	GSQ database					
JCU11777	GSQ database					
12806	GSQ database	-21.01332	147.030931	55	503214	7676370
20961	GSQ database	-23.1117	147.435064	55	544550	7444040
BREWERY	GSQ database	-22.9451	147.474656	55	548664	7462471
DPDB065	GSQ database	-21.13931	146.886261	55	488190	7662422
DPDB072A	GSQ database	-21.1375	146.899361	55	489550	7662623
DPDB105	GSQ database	-21.18274	146.985831	55	498529	7657619
DPDB107	GSQ database	-21.17311	146.931686	55	492908	7658684
IDR100B	GSQ database	-22.85513	147.490064	55	550277	7472426
IDR113	GSQ database	-22.84651	147.494711	55	550757	7473378
IDR123B	GSQ database	-22.85026	147.484422	55	549700	7472967
IDR127A	GSQ database	-22.85219	147.488094	55	550076	7472752
IDR158	GSQ database	-22.84637	147.461642	55	547364	7473405
IDR188	GSQ database	-22.82028	147.467986	55	548024	7476291
IDR224	GSQ database	-22.84713	147.473047	55	548534	7473317
IDR258	GSQ database	-22.83295	147.475336	55	548774	7474886
IDR266B	GSQ database	-22.84685	147.474022	55	548634	7473347
IDR276	GSQ database	-22.84407	147.474889	55	548724	7473655
IDR358	GSQ database	-22.85888	147.473867	55	548614	7472016
IDR369	GSQ database	-22.86425	147.494747	55	550754	7471414
IDR386	GSQ database	-22.84772	147.462231	55	547424	7473255
IDR471	GSQ database	-22.82585	147.462742	55	547484	7475676
IDR484	GSQ database	-22.85923	147.456617	55	546844	7471983
IRC1A	GSQ database	-22.86247	147.599625	55	561514	7471571
IRC1B	GSQ database	-22.86247	147.599625	55	561514	7471571
IRC2	GSQ database	-22.86247	147.599625	55	561514	7471571
IRC3	GSQ database	-22.86247	147.599625	55	561514	7471571
IRC4	GSQ database	-22.86247	147.599625	55	561514	7471571
IRC5	GSQ database	-22.86247	147.599625	55	561514	7471571
IRCS1	GSQ database	-22.86247	147.599625	55	561514	7471571
IRCS2	GSQ database	-22.86247	147.599625	55	561514	7471571
IWCL032	GSQ database	-22.97823	147.562086	55	557614	7458771
IWCL036	GSQ database	-22.9858	147.593339	55	560814	7457921
IWCL043	GSQ database	-22.90479	147.451494	55	546303	7466941
IWCL068	GSQ database	-22.91913	147.414514	55	542506	7465364
IWCL072B	GSQ database	-22.90481	147.418214	55	542890	7466948
IWCL095	GSQ database	-22.89248	147.417747	55	542846	7468314
IWCL099A	GSQ database	-22.88059	147.398583	55	540884	7469635
IWCL100B	GSQ database	-22.88048	147.393328	55	540345	7469649
IWCL101	GSQ database	-22.87698	147.388678	55	539869	7470037
IWCL108	GSQ database	-22.86966	147.394633	55	540482	7470846

IWCL134	GSQ database	-22.89639	147.347139	55	535603	7467899
IWCL153	GSQ database	-22.86437	147.441806	55	545323	7471418
IWCL154	GSQ database	-22.87179	147.451258	55	546290	7470594
IWCL170	GSQ database	-22.83406	147.374803	55	538458	7474792
IWCL174B	GSQ database	-22.83747	147.382775	55	539275	7474413
IWCL234	GSQ database	-22.91116	147.340272	55	534895	7466217
IWCL235A	GSQ database	-22.8152	147.402797	55	541336	7476873
IWCL283	GSQ database	-22.94876	147.387808	55	539759	7462092
IWCL319	GSQ database	-22.99865	147.377639	55	538702	7456571
IWCL400	GSQ database	-22.98576	147.475031	55	548688	7457970
IWCL423	GSQ database	-22.9021	147.465097	55	547699	7467234
IWCL455	GSQ database	-22.88013	147.483514	55	549596	7469660
IWCL499	GSQ database	-22.86089	147.402794	55	541322	7471815
IWCL601	GSQ database	-22.77729	147.447614	55	545948	7481056
IWCL602	GSQ database	-22.78629	147.451394	55	546333	7480059
IWCL610	GSQ database	-22.74289	147.469697	55	548227	7484857
IWCL611	GSQ database	-22.74483	147.469958	55	548253	7484642
IWCL734	GSQ database	-22.72674	147.479906	55	549281	7486642
IWCL778	GSQ database	-22.61064	147.415508	55	542704	7499512
IWCL812A	GSQ database	-22.64292	147.408697	55	541994	7495942
IWCL884	GSQ database	-22.75828	147.548336	55	556295	7483125
IWCL983	GSQ database	-22.82014	147.638008	55	565472	7476240
IWEM001	GSQ database	-23.13615	147.607556	55	562202	7441270
IWEM002	GSQ database	-23.29636	147.6215	55	563554	7423528
IWEM007	GSQ database	-23.40418	147.702908	55	571820	7411553
IWEM023	GSQ database	-23.08245	147.380128	55	538933	7447294
IWEM044	GSQ database	-23.01549	147.472247	55	548392	7454679
IWEM083	GSQ database	-23.09559	147.3695	55	537841	7445842
IWEM084	GSQ database	-23.09811	147.363308	55	537206	7445564
IWEM088A	GSQ database	-23.11451	147.325597	55	533340	7443758
IWEM088B	GSQ database	-23.11451	147.325597	55	533340	7443758
IWEM102	GSQ database	-23.08165	147.364522	55	537335	7447386
IWEM149	GSQ database	-23.11053	147.323839	55	533161	7444199
IWEM156	GSQ database	-23.11755	147.384289	55	539349	7443407
IWEM161	GSQ database	-23.38467	147.697142	55	571241	7413716
IWEM162C	GSQ database	-23.38273	147.696758	55	571203	7413931
IWEM170	GSQ database	-23.37446	147.680142	55	569509	7414854
IWEM177	GSQ database	-23.36501	147.666639	55	568134	7415907
IWEM178	GSQ database	-23.3678	147.664767	55	567941	7415599
IWEM188	GSQ database	-23.35701	147.657394	55	567193	7416797
IWEM202	GSQ database	-23.38248	147.647833	55	566204	7413982
IWEM203B	GSQ database	-23.37603	147.645581	55	565977	7414697
IWEM204	GSQ database	-23.37576	147.644639	55	565881	7414727
IWEM212	GSQ database	-23.37262	147.646561	55	566079	7415074
IWEM214	GSQ database	-23.36759	147.644717	55	565893	7415631
LHCL001	GSQ database	-22.94261	147.852583	55	587413	7462570
LHEM037	GSQ database	-23.28479	147.334742	55	534233	7424905
MHCL018	GSQ database	-22.54988	147.946428	55	597313	7505990
MHCL025	GSQ database	-22.52695	147.933533	55	596003	7508537
MHCL036	GSQ database	-22.55822	147.944247	55	597083	7505068
MHCL036C	GSQ database	-22.55822	147.944247	55	597083	7505068
MHCL104	GSQ database	-22.54033	147.926914	55	595313	7507060
MHCL165	GSQ database	-22.534	147.903631	55	592923	7507775
MHCL264	GSQ database	-22.5429	147.90505	55	593063	7506789
MHCL405	GSQ database	-22.54498	147.901272	55	592673	7506561
MHCL543	GSQ database	-22.95228	147.8607	55	588239	7461495

MHRU031	GSQ database	-23.06611	147.9991	55	602343	7448804
PCW23	Fergusson & others, 2009					
PCW24	Fergusson & others, 2009					
PCW25	Fergusson & others, 2009					
PCW27	Fergusson & others, 2009					
PCW28	Fergusson & others, 2009					
PCW29	Fergusson & others, 2009					
PCW30	Fergusson & others, 2009					
PCW31	Fergusson & others, 2009					
PCW32	Fergusson & others, 2009					
PCW33	Fergusson & others, 2009					
PCW34	Fergusson & others, 2009					
PCW35	Fergusson & others, 2009					
PCW36	Fergusson & others, 2009					
PCW37	Fergusson & others, 2009					
PCW38	Fergusson & others, 2009					
PCW39	Fergusson & others, 2009					
PCW40	Fergusson & others, 2009					
PCW41	Fergusson & others, 2009					
PCW42	Fergusson & others, 2009					
SCEM0001	GSQ database	-23.42279	147.654803	55	566895	7409515
SCEM0005	GSQ database	-23.3229	147.671067	55	568608	7420567
SCEM0008	GSQ database	-23.10239	147.623808	55	563882	7445001
SCEM0009	GSQ database	-23.00468	147.608222	55	562331	7455825
SCEM0035	GSQ database	-23.42843	147.612308	55	562551	7408910
SCEM0038	GSQ database	-23.41459	147.588919	55	560169	7410452
SCEM0045	GSQ database	-23.20586	147.648044	55	566313	7433535
SCEM0046	GSQ database	-23.17269	147.610611	55	562498	7437224
SCEM0047	GSQ database	-23.32471	147.481206	55	549197	7420444
SCEM0048	GSQ database	-23.34712	147.423206	55	543260	7417981
SCEM0051	GSQ database	-23.15264	147.417436	55	542732	7439513
SCEM0055	GSQ database	-23.2148	147.400575	55	540987	7432636
SCEM0060	GSQ database	-23.09867	147.452686	55	546359	7445477
SCEM0064	GSQ database	-23.11938	147.427392	55	543762	7443192
SCEM0071	GSQ database	-23.14223	147.423039	55	543309	7440664
SCEM0073	GSQ database	-23.13559	147.425958	55	543610	7441398
SCEM0083	GSQ database	-23.03021	147.557939	55	557167	7453019
SCEM0087	GSQ database	-23.04262	147.550083	55	556357	7451648
SCEM0090	GSQ database	-23.06311	147.548392	55	556175	7449380
SCEM0093	GSQ database	-23.07526	147.557803	55	557134	7448031
SCEM0120	GSQ database	-23.27941	147.332156	55	533970	7425501
SCEM0123	GSQ database	-23.20245	147.322692	55	533021	7434023
SCEM0125	GSQ database	-23.1951	147.319361	55	532682	7434838
SCEM0130	GSQ database	-23.19033	147.375808	55	538460	7435352
SCEM0133	GSQ database	-23.18914	147.383369	55	539234	7435482
SCEM0161	GSQ database	-23.28256	147.336956	55	534460	7425151
SCEM0162	GSQ database	-23.2796	147.336292	55	534393	7425479
SCEM0164	GSQ database	-23.27637	147.339111	55	534682	7425836
SCEM0176	GSQ database	-23.30313	147.442158	55	545212	7422846
SCEM0183	GSQ database	-23.23849	147.43565	55	544568	7430003
SCEM0185	GSQ database	-23.38857	147.576075	55	558868	7413338
SCEM0187	GSQ database	-23.40319	147.560019	55	557221	7411726
SCEM0211	GSQ database	-23.39078	147.479144	55	548962	7413130
SCEM0225	GSQ database	-23.34389	147.414139	55	542334	7418342
SCEM0232	GSQ database	-23.33268	147.3856	55	539420	7419591
SCEM0234	GSQ database	-23.35663	147.480158	55	549078	7416910

SCEM0265	GSQ database	-23.43709	147.522336	55	553357	7407987
SCEM0268	GSQ database	-23.28106	147.495069	55	550631	7425271
SCEM0283	GSQ database	-23.22706	147.445747	55	545605	7431266
SCEM0291	GSQ database	-23.24542	147.441164	55	545130	7429235
SCEM0297	GSQ database	-23.22326	147.523239	55	553535	7431660
SCEM0301	GSQ database	-23.25751	147.568422	55	558143	7427851
SCEM0303	GSQ database	-23.227	147.57185	55	558507	7431227
SCEM0304	GSQ database	-23.21198	147.597947	55	561184	7432880
SCEM0307	GSQ database	-23.21376	147.604622	55	561866	7432679
SCEM0317	GSQ database	-23.20049	147.613297	55	562760	7434145
SCEM0328	GSQ database	-23.13603	147.607594	55	562206	7441284
SCEM0329	GSQ database	-23.1361	147.618944	55	563368	7441271
SCEM0334	GSQ database	-23.39376	147.599514	55	561261	7412754
SCEM0336	GSQ database	-23.21594	147.671028	55	568660	7432408
SCEM0337	GSQ database	-23.18343	147.363186	55	537170	7436120
SCEM0338	GSQ database	-23.06198	147.477992	55	548964	7449531
SCEM0357	GSQ database	-23.1786	147.663925	55	567952	7436546
SCEM0397	GSQ database	-23.29167	147.655175	55	567000	7424032
SCEM0473	GSQ database	-23.47161	147.540175	55	555165	7404159
SCEM0511	GSQ database	-23.52335	147.577325	55	558935	7398416
SCEM0516	GSQ database	-23.51268	147.57765	55	558973	7399598
SCEM0542	GSQ database	-23.30364	147.646569	55	566114	7422711
SCME0262	GSQ database	-23.43784	147.514183	55	552524	7407908
SDCL002B	GSQ database	-22.97973	147.559753	55	557374	7458607
SDCL033	GSQ database	-22.96821	147.570181	55	558448	7459878
SDCL034	GSQ database	-22.96829	147.570425	55	558473	7459868
SDCL155	GSQ database	-22.98568	147.489589	55	550180	7457973
SDCL156	GSQ database	-22.98644	147.489981	55	550220	7457889
SDCL157	GSQ database	-22.98489	147.489019	55	550122	7458061
SDCL158	GSQ database	-22.98421	147.488694	55	550089	7458137
SDCL160	GSQ database	-22.99245	147.479681	55	549162	7457227
SDCL166	GSQ database	-23.01125	147.494892	55	550714	7455141
SDCL174	GSQ database	-22.99952	147.489481	55	550164	7456441
SDCL186	GSQ database	-22.95421	147.563314	55	557750	7461430
SDCL255	GSQ database	-22.9762	147.539386	55	555288	7459005
BB1945(1)	GSQ database	-17.24932	145.977614	55	391314	8092569
BB1945(2)	GSQ database	-17.24932	145.977614	55	391314	8092569
BB1946(1)	GSQ database	-17.27291	145.995358	55	393214	8089969
BB1946(2)	GSQ database	-17.27291	145.995358	55	393214	8089969
IS417A	GSQ database	-17.28663	145.998247	55	393529	8088452
IS417B	GSQ database	-17.28663	145.998247	55	393529	8088452
IS418	GSQ database	-17.3198	145.959675	55	389449	8084761
IS479B	GSQ database	-17.18389	145.918917	55	385033	8099774
IS479F	GSQ database	-17.18389	145.918917	55	385033	8099774
IWBM01	GSQ database	-17.56078	146.090828	55	403514	8058170
JDH775	GSQ database	-17.92703	146.139019	55	408814	8017670
JDH776B	GSQ database	-17.92521	146.136197	55	408514	8017870
JDH793A	GSQ database	-17.92617	146.147522	55	409714	8017770
JDH794	GSQ database	-17.92976	146.142783	55	409214	8017370
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93839094	GSQ database	-19.30276	144.572142	55	244873	7863878
311	GSQ database	-19.4852	146.176847	55	413615	7845270
15302	GSQ database	-19.75665	146.747672	55	473565	7815420
18433	GSQ database	-19.37206	146.354522	55	432215	7857870
19865	GSQ database	-19.49263	146.334036	55	430115	7844520
20073	GSQ database	-19.40194	146.371547	55	434015	7854570
20074	GSQ database	-19.41278	146.36865	55	433715	7853370
20077	GSQ database	-19.39745	146.380136	55	434915	7855070
20079	GSQ database	-19.49692	146.170117	55	412915	7843970
20080	GSQ database	-19.49095	146.252094	55	421515	7844670
20087	GSQ database	-19.40276	146.346783	55	431415	7854470
20090	GSQ database	-19.26964	146.274992	55	423815	7869170
20091	GSQ database	-19.18899	146.220181	55	418015	7878070
20095	GSQ database	-19.36588	146.398347	55	436815	7858570
20484	GSQ database	-19.82963	146.208506	55	417115	7807170
20569	GSQ database	-19.48994	146.340242	55	430765	7844820
20572	GSQ database	-19.37532	146.261669	55	422465	7857470
87302102	GSQ database	-19.86931	146.192072	55	415415	7802770
453560A	GSQ database	-19.38783	146.480167	55	445415	7856170
453560B	GSQ database	-19.38783	146.480167	55	445415	7856170
93839001A	GSQ database	-19.8474	146.144436	55	410415	7805170
93839001B	GSQ database	-19.8474	146.144436	55	410415	7805170
93839001C	GSQ database	-19.8474	146.144436	55	410415	7805170
93839001D	GSQ database	-19.8474	146.144436	55	410415	7805170
DLD060	GSQ database	-19.64076	146.447881	55	442115	7828170
DLD092	GSQ database	-19.61815	146.442236	55	441515	7830670
IRDO4	GSQ database	-19.54872	146.237531	55	420015	7838270
IRR10	GSQ database	-19.53107	146.484953	55	445965	7840320
IRR11	GSQ database	-19.48895	146.450303	55	442315	7844970
IRR12	GSQ database	-19.53106	146.481617	55	445615	7840320
IRR15	GSQ database	-19.48552	146.516064	55	449215	7845370
IRR18A	GSQ database	-19.48281	146.514167	55	449015	7845670
IRR18B	GSQ database	-19.48281	146.514167	55	449015	7845670
IRR24	GSQ database	-19.56963	146.541078	55	451865	7836070
IRR26	GSQ database	-19.57325	146.541544	55	451915	7835670
IRR3	GSQ database	-19.48906	146.486275	55	446090	7844970

IRR47	GSQ database	-19.45457	146.438033	55	441015	7848770
IRR5	GSQ database	-19.51796	146.47975	55	445415	7841770
IWAM190	GSQ database	-19.44645	146.055272	55	400832	7849493
MGR0518B	GSQ database	-19.37206	146.354522	55	432215	7857870
12463	GSQ database	-18.74136	145.242492	55	314715	7926870
13485	GSQ database	-19.09522	145.309114	55	322115	7887770
13487	GSQ database	-19.40173	145.437361	55	335915	7853971
13489	GSQ database	-19.40902	145.444908	55	336715	7853171
13509	GSQ database	-19.09002	144.948081	55	284115	7887940
13551	GSQ database	-19.25512	145.595819	55	352425	7870340
13552	GSQ database	-19.2495	145.59425	55	352255	7870960
13553	GSQ database	-19.24858	145.603294	55	353205	7871070
13556	GSQ database	-19.20271	145.6189	55	354805	7876160
13584	GSQ database	-19.02244	144.987853	55	288215	7895470
13585	GSQ database	-19.08258	144.953872	55	284715	7888770
13586	GSQ database	-19.08344	144.950061	55	284315	7888670
13587	GSQ database	-19.16842	144.955667	55	285015	7879271
13588	GSQ database	-19.16838	144.952817	55	284715	7879271
18259	GSQ database	-19.01778	145.803883	55	374115	7896770
18357	GSQ database	-19.01398	145.042089	55	293915	7896470
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18385	GSQ database	-18.90094	145.160361	55	306237	7909118
20571	GSQ database	-19.03854	145.801836	55	373915	7894470
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22913	GSQ database	-18.72284	145.749072	55	368115	7929370
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22918	GSQ database	-18.77767	145.581706	55	350515	7923170
22919	GSQ database	-18.85466	145.733861	55	366615	7914770
22922	GSQ database	-18.97536	145.812736	55	375015	7901470
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22936	GSQ database	-18.88398	145.943439	55	388715	7911670
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22939	GSQ database	-18.9204	145.991636	55	393815	7907670
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68590112	GSQ database	-18.84666	145.752903	55	368615	7915670
68590113	GSQ database	-18.68675	145.764403	55	369704	7933375
68590114	GSQ database	-18.55972	145.680153	55	360715	7947370
68590115	GSQ database	-18.77015	145.806097	55	374163	7924175
86302131	GSQ database	-19.34764	145.561619	55	348915	7860070
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92832277	GSQ database	-18.53709	145.607761	55	353055	7949817
92832278	GSQ database	-18.59486	145.678878	55	360609	7943480
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92832280	GSQ database	-18.59847	145.798314	55	373215	7943169
92832281	GSQ database	-18.69819	145.849711	55	378709	7932169
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92832295	GSQ database	-18.88791	146.067761	55	401813	7911309
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CR14/70/7	GSQ database	-19.47908	145.148447	55	305662	7845107
CR14/70/8	GSQ database	-19.47795	145.145803	55	305383	7845229
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EC275	Henderson & others, 201-19.14586	144.9588101		55	285200	7881600
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EC70b	Henderson & others, 201-19.06458	144.9607578		55	285300	7890600
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G62	Henderson & others, 201-19.08992	144.9487606		55	284070	7887780
G63	Henderson & others, 201-19.08975	144.9491428		55	284110	7887800
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G81	Henderson & others, 201-19.07716	144.9545233	55	284660	7889200	
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G84	Henderson & others, 201-19.08262	144.9499907	55	284190	7888590	
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IRIN015	GSQ database	-18.55732	146.492208	55	446414	7948070
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IRIN030	GSQ database	-18.88781	146.067781	55	401815	7911320
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IRKH010	GSQ database	-18.53706	145.607858	55	353065	7949820
IRKH011	GSQ database	-18.59495	145.678933	55	360615	7943470
IRKH018B	GSQ database	-18.58763	145.801233	55	373515	7944370
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IRKI049	GSQ database	-18.49615	145.636128	55	356015	7954370
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IRKI075	GSQ database	-18.29929	145.531722	55	344814	7976070
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WF218a	Henderson & others, 201-19.11992	144.981937		55	287600	7884500
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BB2111	GSQ database	-15.90778	143.528292	54	770706	8239622
M621(C4)	GSQ database	-16.43071	143.913047	54	811110	8181176
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IRBO08(D)	GSQ database	-19.98198	144.446728	55	232815	7788470
IRBO09	GSQ database	-20.00296	144.461675	55	234415	7786170
IRBO10(D)	GSQ database	-20.06599	144.449194	55	233215	7779170
IRCP002	GSQ database	-19.79579	144.498369	55	237915	7809170
IRCP002#	GSQ database	-19.79579	144.498369	55	237915	7809170
IRCP002(D)	GSQ database	-19.79579	144.498369	55	237915	7809170
IRCP003	GSQ database	-19.80928	144.494342	55	237515	7807670
IRCP006	GSQ database	-19.90823	144.467964	55	234915	7796670
IRCP006(D)	GSQ database	-19.90823	144.467964	55	234915	7796670
IRCP009	GSQ database	-19.80188	144.482053	55	236215	7808470
IRCP010	GSQ database	-19.80273	144.478225	55	235815	7808370
IRCP010(D)	GSQ database	-19.80273	144.478225	55	235815	7808370
IRCP010(D)	GSQ database	-19.80273	144.478225	55	235815	7808370
IRCP011	GSQ database	-19.80458	144.481058	55	236115	7808170
IRCP012	GSQ database	-19.80727	144.480061	55	236015	7807870
IRCP013	GSQ database	-19.81094	144.483819	55	236415	7807470
IRCP015	GSQ database	-19.75588	144.485639	55	236515	7813570
IRCP015(D)	GSQ database	-19.75588	144.485639	55	236515	7813570
IRCP016B	GSQ database	-19.75027	144.472375	55	235115	7814170
IRCP016B(D)	GSQ database	-19.75027	144.472375	55	235115	7814170
IRCP019	GSQ database	-19.75536	144.448925	55	232665	7813570
IRCP019A	GSQ database	-19.75536	144.448925	55	232665	7813570
IRCP019A(D)	GSQ database	-19.75536	144.448925	55	232665	7813570
IRCP020	GSQ database	-19.76152	144.437858	55	231515	7812870
IRCP022	GSQ database	-19.7861	144.515692	55	239715	7810270
IRCP101	GSQ database	-19.91031	144.361961	55	223815	7796270
IRCP101#	GSQ database	-19.91031	144.361961	55	223815	7796270
IRCP101(D)	GSQ database	-19.91031	144.361961	55	223815	7796270
IRCP103	GSQ database	-19.98571	144.455264	55	233715	7788070
IRCP103#	GSQ database	-19.98571	144.455264	55	233715	7788070
IRCP103(D)	GSQ database	-19.98571	144.455264	55	233715	7788070
IRCP104(D)	GSQ database	-19.99606	144.484711	55	236815	7786970
IRCP106	GSQ database	-19.70913	144.500672	55	238015	7818770
IRCP106(D)	GSQ database	-19.70913	144.500672	55	238015	7818770
IRCP106(D)	GSQ database	-19.70913	144.500672	55	238015	7818770
IRCP107	GSQ database	-19.68004	144.486825	55	236515	7821970
IRCP107#	GSQ database	-19.68004	144.486825	55	236515	7821970
IRCP107(D)	GSQ database	-19.68004	144.486825	55	236515	7821970
IRCP110	GSQ database	-19.71067	144.387183	55	226115	7818421
IRCP110A	GSQ database	-19.71067	144.387183	55	226115	7818421
IRCP113	GSQ database	-19.75412	144.363586	55	223715	7813570
IRCP113(D)	GSQ database	-19.75412	144.363586	55	223715	7813570
IRCP118	GSQ database	-19.89108	144.344144	55	221915	7798370
IRCP118#	GSQ database	-19.89108	144.344144	55	221915	7798370
IRCP120	GSQ database	-19.84223	144.338278	55	221215	7803770
IRCP120(D)	GSQ database	-19.84223	144.338278	55	221215	7803770
IRCP121	GSQ database	-19.82776	144.336611	55	221015	7805370
IRCP122	GSQ database	-19.79357	144.344811	55	221815	7809170
IRCP122#	GSQ database	-19.79357	144.344811	55	221815	7809170

IRCP124	GSQ database	-19.83794	144.414686	55	229215	7804370
IRCP124(D)	GSQ database	-19.83794	144.414686	55	229215	7804370
IRCP125	GSQ database	-19.83155	144.410019	55	228715	7805070
IRCP127	GSQ database	-19.80269	144.412394	55	228915	7808270
IRDO2	GSQ database	-19.76467	146.482772	55	445815	7814470
IRIN042	GSQ database	-18.58535	146.496864	55	446914	7944970
IRIN055	GSQ database	-18.86009	146.230256	55	418915	7914470
IRRG0692	GSQ database	-19.94956	146.731119	55	471865	7794070
IRRG1192	GSQ database	-20.00125	146.588114	55	456915	7788320
IRRG1192	GSQ database	-20.00079	146.588117	55	456915	7788370
IRRG1194	GSQ database	-19.97172	146.745419	55	473365	7791620
IRRG1197	GSQ database	-19.91073	146.750772	55	473915	7798370
IRRG1203	GSQ database	-19.77429	146.762917	55	475165	7813470
IRRG1218	GSQ database	-19.83041	146.570414	55	455015	7807220
IRRG1222	GSQ database	-19.80095	146.531825	55	450965	7810470
IRRG1227	GSQ database	-19.80282	146.5576	55	453665	7810270
IRRG1228	GSQ database	-19.82908	146.578533	55	455865	7807370
IRRG1231	GSQ database	-19.78293	146.553358	55	453215	7812470
IRRG1242	GSQ database	-19.84714	146.5761	55	455615	7805370
IRRG1256	GSQ database	-19.75174	146.547717	55	452615	7815920
IRRG1264	GSQ database	-19.76971	146.510439	55	448715	7813920
IRRG1267	GSQ database	-19.75735	146.517158	55	449415	7815290
IRRG1276	GSQ database	-19.72991	146.494336	55	447015	7818320
IRRG1286	GSQ database	-19.80292	146.598175	55	457915	7810270
IRRG1290	GSQ database	-19.81374	146.590989	55	457165	7809070
IRRG1292	GSQ database	-19.80833	146.595297	55	457615	7809670
IRRG1299	GSQ database	-19.79071	146.592478	55	457315	7811620
IRRG1307	GSQ database	-19.78216	146.609208	55	459065	7812570
IRRG1311	GSQ database	-19.80292	146.600086	55	458115	7810270
IRRG1312	GSQ database	-19.8043	146.610586	55	459215	7810120
IRRG1381	GSQ database	-19.91067	146.504275	55	448115	7798320
IRRG1384	GSQ database	-19.91213	146.545353	55	452415	7798170
IRRG1399	GSQ database	-19.93781	146.5147	55	449215	7795320
IRRG1406	GSQ database	-19.95223	146.501756	55	447865	7793720
IRRG1414	GSQ database	-19.96172	146.502681	55	447965	7792670
IRRG1422	GSQ database	-19.9329	146.540517	55	451915	7795870
IRRG1427	GSQ database	-19.96042	146.523233	55	450115	7792820
IRRG1429	GSQ database	-19.96989	146.517947	55	449565	7791770
IRRG1440	GSQ database	-19.98162	146.510744	55	448815	7790470
IRRG1460	GSQ database	-19.94073	147.008739	55	500914	7795070
IRRG1461	GSQ database	-19.84808	146.904156	55	489964	7805320
IRRG1464	GSQ database	-19.82278	146.906558	55	490215	7808120
IRRG1469	GSQ database	-19.74952	146.565381	55	454465	7816170
IRRG1470	GSQ database	-19.87512	146.560742	55	454015	7802270
IRRG1471	GSQ database	-19.8768	146.511067	55	448815	7802070
IRRG1472	GSQ database	-19.95813	146.51225	55	448965	7793070
IRRG1473	GSQ database	-19.79823	146.527536	55	450515	7810770
IRRG1474	GSQ database	-19.73361	146.527728	55	450515	7817920
IRRG1475	GSQ database	-19.73316	146.526775	55	450415	7817970
IRWM001	GSQ database	-20.03766	144.829969	55	273015	7782870
IRWM001#	GSQ database	-20.03766	144.829969	55	273015	7782870
IRWM001(D)	GSQ database	-20.03766	144.829969	55	273015	7782870
IRWM004	GSQ database					
IRWM005A	GSQ database	-20.03645	144.804661	55	270365	7782970
IRWM005A#	GSQ database	-20.03645	144.804661	55	270365	7782970
IRWM005A(D)	GSQ database	-20.03645	144.804661	55	270365	7782970

IRWM005B	GSQ database	-20.03645	144.804661	55	270365	7782970
IRWM005B(D)	GSQ database	-20.03645	144.804661	55	270365	7782970
IRWM005C	GSQ database	-20.03645	144.804661	55	270365	7782970
IRWM005D	GSQ database	-20.03645	144.804661	55	270365	7782970
IRWM005E	GSQ database	-20.03645	144.804661	55	270365	7782970
IRWM005E(D)	GSQ database	-20.03645	144.804661	55	270365	7782970
IRWM009	GSQ database	-20.08711	144.740386	55	263715	7777270
IRWM009#	GSQ database	-20.08711	144.740386	55	263715	7777270
IRWM009(D)	GSQ database	-20.08711	144.740386	55	263715	7777270
IRWM010	GSQ database	-20.08799	144.738461	55	263515	7777170
IRWM011	GSQ database	-20.09156	144.734586	55	263115	7776770
IRWM012	GSQ database	-20.10881	144.741986	55	263915	7774870
IRWM012(D)	GSQ database	-20.10881	144.741986	55	263915	7774870
IRWM013	GSQ database	-20.11228	144.730464	55	262715	7774470
IRWM014(D)	GSQ database	-20.11314	144.727583	55	262415	7774370
IRWM014A	GSQ database	-20.11314	144.727583	55	262415	7774370
IRWM014A(D)	GSQ database	-20.11314	144.727583	55	262415	7774370
IRWM014B	GSQ database	-20.11314	144.727583	55	262415	7774370
IRWM015	GSQ database	-20.11401	144.724703	55	262115	7774270
IRWM016	GSQ database	-20.11947	144.728447	55	262515	7773670
IRWM016#	GSQ database	-20.11947	144.728447	55	262515	7773670
IRWM016(D)	GSQ database	-20.11947	144.728447	55	262515	7773670
IRWM018	GSQ database	-20.09397	144.711608	55	260715	7776470
IRWM018(D)	GSQ database	-20.09397	144.711608	55	260715	7776470
IRWM019	GSQ database	-20.05478	144.754228	55	265115	7780870
IRWM021	GSQ database	-20.01566	144.803517	55	270215	7785270
IRWM021#	GSQ database	-20.01566	144.803517	55	270215	7785270
IRWM021(D)	GSQ database	-20.01566	144.803517	55	270215	7785270
IRWM022	GSQ database	-20.00919	144.792139	55	269015	7785970
IRWM023	GSQ database	-20.00827	144.790242	55	268815	7786070
IRWM023(D)	GSQ database	-20.00827	144.790242	55	268815	7786070
IRWM026	GSQ database	-20.02391	144.671536	55	256415	7784170
IRWM026(D)	GSQ database	-20.02391	144.671536	55	256415	7784170
IRWM028	GSQ database	-20.02742	144.663842	55	255615	7783770
IRWM029	GSQ database	-20.03474	144.671378	55	256415	7782970
IRWM030	GSQ database	-20.03018	144.667622	55	256015	7783470
IRWM035	GSQ database	-20.0815	144.65635	55	254915	7777770
IRWM037	GSQ database	-20.08137	144.680247	55	257415	7777820
IRWM037(D)	GSQ database	-20.08137	144.680247	55	257415	7777820
IRWM038	GSQ database	-20.07976	144.661156	55	255415	7777970
IRWM039	GSQ database	-20.16362	144.520286	55	240815	7768470
IRWM040	GSQ database	-20.16908	144.523067	55	241115	7767870
IRWM040(D)	GSQ database	-20.16908	144.523067	55	241115	7767870
IRWV009	GSQ database	-19.85422	144.678797	55	256915	7802970
IRWV009(D)	GSQ database	-19.85422	144.678797	55	256915	7802970
IRWV011	GSQ database	-19.96447	144.754556	55	265015	7790870
IRWV011(D)	GSQ database	-19.96447	144.754556	55	265015	7790870
IRWV012	GSQ database	-19.96625	144.752619	55	264815	7790670
IRWV016	GSQ database	-19.80629	144.572625	55	245715	7808120
IRWV016(D)	GSQ database	-19.80629	144.572625	55	245715	7808120
IRWV017	GSQ database	-19.81004	144.549192	55	243265	7807670
IRWV018	GSQ database	-19.81416	144.553422	55	243715	7807220
IRWV018#	GSQ database	-19.81416	144.553422	55	243715	7807220
IRWV018(D)	GSQ database	-19.81416	144.553422	55	243715	7807220
IRWV019	GSQ database	-19.77485	144.551161	55	243415	7811570
IRWV022	GSQ database	-19.7853	144.623031	55	250965	7810520

IRWV022(D)	GSQ database	-19.7853	144.623031	55	250965	7810520
IRWV026	GSQ database	-19.78794	144.7933	55	268815	7810470
IRWV026(D)	GSQ database	-19.78794	144.7933	55	268815	7810470
IRWV027	GSQ database	-19.78707	144.796172	55	269115	7810570
IRWV029	GSQ database	-19.71369	144.706772	55	259635	7818570
IRWV029#	GSQ database	-19.71369	144.706772	55	259635	7818570
IRWV029(D)	GSQ database	-19.71369	144.706772	55	259635	7818570
IRWV030	GSQ database	-19.71415	144.70705	55	259665	7818520
IRWV030(D)	GSQ database	-19.71415	144.70705	55	259665	7818520
IRWV034A	GSQ database	-19.58629	144.811308	55	270415	7832820
IRWV034A(D)	GSQ database	-19.58629	144.811308	55	270415	7832820
IRWV034B	GSQ database	-19.58629	144.811308	55	270415	7832820
IRWV034B#	GSQ database	-19.58629	144.811308	55	270415	7832820
IRWV034B(D)	GSQ database	-19.58629	144.811308	55	270415	7832820
IRWV035	GSQ database	-19.59624	144.850247	55	274515	7831770
IRWV035#	GSQ database	-19.59624	144.850247	55	274515	7831770
IRWV035(D)	GSQ database	-19.59624	144.850247	55	274515	7831770
IRWV037	GSQ database	-19.96894	144.823269	55	272215	7790470
IRWV038	GSQ database	-19.96105	144.699206	55	259215	7791170
IRWV038#	GSQ database	-19.96105	144.699206	55	259215	7791170
IRWV101	GSQ database	-19.66909	144.824489	55	271915	7823670
IRWV102	GSQ database	-19.64395	144.836267	55	273115	7826470
IRWV103	GSQ database	-19.62439	144.862264	55	275815	7828670
IRWV104	GSQ database	-19.61458	144.872881	55	276915	7829770
IRWV104(D)	GSQ database	-19.61458	144.872881	55	276915	7829770
IRWV108	GSQ database	-19.74645	144.522028	55	240315	7814670
IRWV109	GSQ database	-19.72924	144.518481	55	239915	7816570
IRWV109#	GSQ database	-19.72924	144.518481	55	239915	7816570
IRWV109(D)	GSQ database	-19.72924	144.518481	55	239915	7816570
IRWV110	GSQ database	-19.72563	144.518536	55	239915	7816970
IRWV111	GSQ database	-19.70942	144.521647	55	240215	7818770
IRWV112	GSQ database	-19.95774	144.653408	55	254415	7791470
IRWV115	GSQ database	-19.97815	144.912942	55	281615	7789570
IRWV116	GSQ database	-19.97549	144.917756	55	282115	7789870
IRWV116#	GSQ database	-19.97549	144.917756	55	282115	7789870
IRWV116#	GSQ database	-19.97549	144.917756	55	282115	7789870
IRWV120	GSQ database	-19.94593	144.825017	55	272365	7793020
IRWV120(D)	GSQ database	-19.94593	144.825017	55	272365	7793020
IRWV121	GSQ database	-19.94703	144.840761	55	274015	7792920
IRWV122	GSQ database	-19.93377	144.754989	55	265015	7794270
IRWV123	GSQ database	-19.9068	144.764919	55	266015	7797270
IRWV124	GSQ database	-19.90283	144.772136	55	266765	7797720
IRWV125	GSQ database	-19.89696	144.772217	55	266765	7798370
IRWV126	GSQ database	-19.89756	144.784622	55	268065	7798320
IWAM045	GSQ database	-19.45367	146.153628	55	411161	7848748
IWAM046B	GSQ database	-19.45506	146.158042	55	411625	7848596
IWAM050	GSQ database	-19.46821	146.161478	55	411993	7847143
IWAM052	GSQ database	-19.47256	146.200586	55	416100	7846681
IWAM081	GSQ database	-19.41578	146.248839	55	421137	7852987
IWAM085	GSQ database	-19.4212	146.248167	55	421069	7852387
IWAM089	GSQ database	-19.38014	146.245222	55	420740	7856929
IWAM103	GSQ database	-19.37189	146.246706	55	420892	7857843
IWAM105	GSQ database	-19.36239	146.247161	55	420935	7858894
IWAM111	GSQ database	-19.44031	146.276797	55	424084	7850285
IWAM162A	GSQ database	-19.33322	145.985883	55	393474	7861982
IWAM162B	GSQ database	-19.33322	145.985883	55	393474	7861982

IWAM162D	GSQ database	-19.33322	145.985883	55	393474	7861982
IWAM162E	GSQ database	-19.33322	145.985883	55	393474	7861982
IWAM167	GSQ database	-19.12204	145.900694	55	384377	7885298
IWAM173	GSQ database	-19.09263	145.868789	55	381000	7888532
IWAM174A	GSQ database	-19.08915	145.870789	55	381208	7888918
IWAM174B	GSQ database	-19.08915	145.870789	55	381208	7888918
IWAM178	GSQ database	-19.05679	145.91595	55	385937	7892529
IWAM181A	GSQ database	-19.06234	145.944347	55	388929	7891933
IWAM181B	GSQ database	-19.06234	145.944347	55	388929	7891933
IWAM187	GSQ database	-19.46018	146.119203	55	407551	7848009
IWH017E	GSQ database	-20.33949	145.008678	55	292115	7749687
IWH017F	GSQ database	-20.33949	145.008678	55	292115	7749687
IWH023C	GSQ database	-20.34649	145.001789	55	291405	7748903
IWH025	GSQ database	-20.34968	145.000119	55	291235	7748547
IWH026	GSQ database	-20.35189	144.997697	55	290985	7748300
IWH027	GSQ database	-20.35488	144.997369	55	290955	7747968
IWH029	GSQ database	-20.35578	144.988547	55	290035	7747857
IWH035B	GSQ database	-20.36638	144.982089	55	289375	7746675
IWH038A	GSQ database	-20.37408	144.976242	55	288775	7745815
IWH038B	GSQ database	-20.37408	144.976242	55	288775	7745815
IWH042	GSQ database	-20.38108	144.989944	55	290215	7745058
IWH042B	GSQ database	-20.38108	144.989944	55	290215	7745058
IWH076	GSQ database	-20.25948	144.832642	55	273615	7758313
IWH090B	GSQ database	-20.27389	144.893317	55	279975	7756800
IWH093B	GSQ database	-20.28409	144.860633	55	276575	7755627
IWH104C	GSQ database	-20.32424	144.816289	55	272001	7751120
IWH111B	GSQ database	-20.30588	144.902361	55	280965	7753270
IWH114B	GSQ database	-20.09188	144.742517	55	263945	7776745
IWH115A	GSQ database	-20.09128	144.749217	55	264645	7776821
IWH115B	GSQ database	-20.09128	144.749217	55	264645	7776821
IWH121A	GSQ database	-20.12779	144.772694	55	267155	7772812
IWH122	GSQ database	-20.09948	144.773478	55	267195	7775947
IWH124B	GSQ database	-20.09458	144.767333	55	266545	7776481
IWH126	GSQ database	-20.08469	144.765275	55	266315	7777574
IWH142	GSQ database	-20.25849	144.927689	55	283545	7758550
IWH157A	GSQ database	-20.27988	144.993069	55	290405	7756266
IWH157B	GSQ database	-20.27988	144.993069	55	290405	7756266
IWH160	GSQ database	-20.30969	144.983975	55	289495	7752955
IWH162	GSQ database	-20.31578	144.952778	55	286245	7752240
IWH193	GSQ database	-20.43758	145.192069	55	311385	7739048
IWT229	GSQ database	-19.39088	145.725961	55	366215	7855420
IWWV102	GSQ database	-19.72599	144.646406	55	253324	7817121
IWWV104	GSQ database	-19.71734	144.65485	55	254196	7818092
IWWV106	GSQ database	-19.72333	144.650356	55	253734	7817422
IWWV114	GSQ database	-19.74291	144.650642	55	253794	7815254
IWWV115	GSQ database	-19.74218	144.651319	55	253864	7815336
IWWV124	GSQ database	-19.97044	144.782097	55	267907	7790247
IWWV128A	GSQ database	-19.94648	144.824656	55	272328	7792958
IWWV130A	GSQ database	-19.94247	144.829228	55	272801	7793409
IWWV130B	GSQ database	-19.94247	144.829228	55	272801	7793409
IWWV130C	GSQ database	-19.94247	144.829228	55	272801	7793409
IWWV133	GSQ database	-19.92898	144.836031	55	273494	7794911
IWWV135	GSQ database	-19.83777	144.668136	55	255773	7804776
IWWV142	GSQ database	-19.83143	144.678908	55	256892	7805493
IWWV151	GSQ database	-19.75513	144.449006	55	232673	7813595
IWWV167	GSQ database	-19.75738	144.364258	55	223791	7813210

IWWV177A	GSQ database	-19.6854	144.437175	55	231316	7821300
IWWV177B	GSQ database	-19.6854	144.437175	55	231316	7821300
IWWV184	GSQ database	-19.68123	144.447367	55	232378	7821778
IWWV186	GSQ database	-19.69105	144.444933	55	232139	7820686
LHCT1061	GSQ database	-20.00628	146.31565	55	428415	7787670
LHCT1079	GSQ database	-20.04083	146.373825	55	434515	7783870
LHEW001	GSQ database	-19.43762	145.858706	55	380190	7850345
LHHO170	GSQ database	-20.09056	145.594164	55	353015	7777870
LHHO171	GSQ database	-20.09493	145.575956	55	351115	7777370
LHHO174	GSQ database	-20.13687	145.512442	55	344515	7772670
LHHO207	GSQ database	-20.15514	145.649075	55	358815	7770770
LHHO222	GSQ database	-20.24242	145.722989	55	366615	7761170
LHHO227	GSQ database	-20.2567	145.698936	55	364115	7759570
LHHO227A	GSQ database	-20.2567	145.698936	55	364115	7759570
LHHO234	GSQ database	-20.25154	145.673133	55	361415	7760120
LHHO239	GSQ database	-20.24554	145.656911	55	359715	7760770
LHHO239	GSQ database	-20.24554	145.656911	55	359715	7760770
LHHO240	GSQ database	-20.24821	145.6521	55	359215	7760470
LHHO241A	GSQ database	-20.25272	145.650147	55	359015	7759970
LHHO241B	GSQ database	-20.25272	145.650147	55	359015	7759970
LHHO243	GSQ database	-20.25904	145.650092	55	359015	7759270
LHHO244	GSQ database	-20.26177	145.651983	55	359215	7758970
LHHO258A	GSQ database	-20.24076	145.623447	55	356215	7761270
LHHO258B	GSQ database	-20.24076	145.623447	55	356215	7761270
LHHO260	GSQ database	-20.23258	145.615864	55	355415	7762170
LHHO280	GSQ database	-20.22401	145.562342	55	349815	7763070
LHHO282	GSQ database	-20.21498	145.562422	55	349815	7764070
LHHO284B	GSQ database	-20.19958	145.556822	55	349215	7765770
LHHO288	GSQ database	-20.193	145.526264	55	346015	7766470
LHHO292	GSQ database	-20.25783	145.500761	55	343415	7759270
LHHO306	GSQ database	-20.07368	145.550903	55	348475	7779700
LHHO307	GSQ database	-20.07359	145.551286	55	348515	7779710
LHHO308	GSQ database	-20.07395	145.551092	55	348495	7779670
LHHO309	GSQ database	-20.09298	145.535617	55	346895	7777550
LHHO311	GSQ database	-20.20102	145.671072	55	361155	7765710
LHHO313	GSQ database	-20.26235	145.681178	55	362265	7758930
LHHO314	GSQ database	-20.16679	145.772114	55	371685	7769580
LHHO315	GSQ database	-20.21488	145.56185	55	349755	7764080
LHHO316	GSQ database	-20.2148	145.562042	55	349775	7764090
LHHO317	GSQ database	-20.20333	145.562339	55	349795	7765360
LHHO318	GSQ database	-20.19958	145.556631	55	349195	7765770
LHHO319	GSQ database					
LHHO320	GSQ database	-20.19336	145.526833	55	346075	7766430
LHHO321	GSQ database	-20.19319	145.527122	55	346105	7766450
LHHO322	GSQ database	-20.20166	145.525319	55	345925	7765510
LHHO323	GSQ database	-20.33126	145.478122	55	341125	7751120
LHHO324	GSQ database	-20.27383	145.599986	55	353795	7757590
LHHO326	GSQ database	-20.10465	145.628181	55	356585	7776340
LHHO327	GSQ database	-20.10492	145.628178	55	356585	7776310
LHHO328	GSQ database	-20.10483	145.628275	55	356595	7776320
LHHO329	GSQ database	-20.09574	145.575372	55	351055	7777280
LHHO330	GSQ database	-20.15586	145.649547	55	358865	7770690
LHHO331	GSQ database	-20.18537	145.633408	55	357205	7767410
LHHO332	GSQ database	-20.17652	145.668697	55	360885	7768420
LHHO333	GSQ database	-20.16641	145.693947	55	363515	7769560
LHHO334	GSQ database	-20.12216	145.709428	55	365095	7774470

LHLO025	GSQ database	-20.41447	145.437922	55	337015	7741870
LHLO046	GSQ database	-20.23611	145.394728	55	332315	7761570
LHLO048	GSQ database	-20.19962	145.455389	55	338615	7765670
LHLO049	GSQ database	-20.206	145.462022	55	339315	7764970
LHLO050	GSQ database	-20.18978	145.466967	55	339815	7766770
LHLO084	GSQ database	-20.17185	145.461975	55	339275	7768750
LHLO105	GSQ database	-20.13916	145.353922	55	327945	7772260
LHLO108	GSQ database	-20.13698	145.362267	55	328815	7772510
LHLO111	GSQ database	-20.12199	145.362422	55	328815	7774170
LHLO114	GSQ database	-20.45087	145.427492	55	335965	7737830
LHLO119A	GSQ database	-20.40742	145.368239	55	329735	7742580
LHLO124	GSQ database	-20.42546	145.365461	55	329465	7740580
LHLO204	GSQ database	-20.18303	145.009811	55	292025	7767010
LHLO205	GSQ database	-20.18363	145.088153	55	300215	7767040
LHLO206	GSQ database	-20.24203	145.051933	55	296505	7760530
LHLO207	GSQ database	-20.24481	145.057739	55	297115	7760230
LHLO208	GSQ database	-20.2418	145.088208	55	300295	7760600
LHLO209	GSQ database	-20.24492	145.051611	55	296475	7760210
LHLO210	GSQ database	-20.23991	144.983633	55	289365	7760680
LHLO211	GSQ database	-20.24036	144.983817	55	289385	7760630
LHLO212	GSQ database	-20.17906	145.017611	55	292835	7767460
LHLO212B	GSQ database	-20.17906	145.017611	55	292835	7767460
LHLO213	GSQ database	-20.29214	145.074381	55	298915	7755010
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LHLO216	GSQ database	-20.20786	145.141058	55	305775	7764420
LHLO217	GSQ database	-20.22324	145.142597	55	305955	7762720
LHLO218	GSQ database	-20.22525	145.153386	55	307085	7762510
LHLO219	GSQ database	-20.22552	145.153383	55	307085	7762480
LHLO220	GSQ database	-20.24114	145.135972	55	305285	7760730
LHLO221	GSQ database	-20.07244	145.468017	55	339805	7779760
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LHLO224	GSQ database	-20.39528	145.173594	55	309405	7743710
LHLO225	GSQ database	-20.38824	145.192072	55	311325	7744510
LHLO226	GSQ database	-20.38529	145.194789	55	311605	7744840
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LHLO229	GSQ database	-20.37819	145.189411	55	311035	7745620
LHLO230	GSQ database	-20.37119	145.194186	55	311525	7746400
LHLO231	GSQ database	-20.35074	145.217122	55	313895	7748690
LHLO238	GSQ database	-20.34922	145.217811	55	313965	7748860
LHLO238A	GSQ database	-20.34922	145.217811	55	313965	7748860
LHLO240	GSQ database	-20.35673	145.21035	55	313195	7748020
LHLO241A	GSQ database	-20.36361	145.202797	55	312415	7747250
LHLO242	GSQ database	-20.36369	145.202606	55	312395	7747240
LHLO244	GSQ database	-20.16554	145.464047	55	339485	7769450
LHLO245	GSQ database	-20.13543	145.481558	55	341285	7772800
LHLO246	GSQ database	-20.12427	145.444269	55	337375	7774000
LHLO247	GSQ database	-20.42159	145.237675	55	316125	7740870
LHLO248	GSQ database	-20.41959	145.236356	55	315985	7741090
LHLO249	GSQ database	-20.39532	145.239411	55	316275	7743780
LHLO250	GSQ database	-20.39536	145.363289	55	329205	7743910
LHLO251	GSQ database	-20.39662	145.382628	55	331225	7743790
LHLO252	GSQ database	-20.29628	145.455389	55	338715	7754970
LHLO253	GSQ database	-20.33188	145.405714	55	333565	7750980
LHLO254	GSQ database	-20.40904	145.447369	55	337995	7742480
LHLO257	GSQ database	-20.3311	145.248281	55	317125	7750900

LHLO263	GSQ database	-20.35618	145.148769	55	306765	7748010
LHLO264	GSQ database	-20.33261	145.167342	55	308675	7750640
LHLO266	GSQ database	-20.34328	145.151128	55	306995	7749440
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LHNQ011A	GSQ database	-20.3852	145.478581	55	341228	7745150
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LHNQ011D	GSQ database	-20.3852	145.478581	55	341228	7745150
LHNQ015B	GSQ database	-20.46016	145.46685	55	340081	7736840
LHNQ031	GSQ database	-20.42668	145.373181	55	330272	7740453
LHPO001	GSQ database	-20.55093	145.346386	55	327614	7726670
LOL1	GSQ database	-20.3763	145.1902	55	311115	7745830
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LOL11	GSQ database	-20.20687	145.140592	55	305725	7764530
LOL12	GSQ database	-20.37819	145.189411	55	311035	7745620
LOL13	GSQ database	-20.39536	145.363289	55	329205	7743910
LOL14	GSQ database	-20.34328	145.151128	55	306995	7749440
LOL15	GSQ database	-20.10465	145.628181	55	356585	7776340
LOL17	GSQ database	-20.20102	145.671072	55	361155	7765710
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LOL19	GSQ database	-20.07368	145.550903	55	348475	7779700
LOL2	GSQ database	-20.37119	145.194186	55	311525	7746400
LOL20	GSQ database	-20.07244	145.468017	55	339805	7779760
LOL21	GSQ database	-20.21488	145.56185	55	349755	7764080
LOL22	GSQ database	-20.18537	145.633408	55	357205	7767410
LOL23	GSQ database	-20.16641	145.693947	55	363515	7769560
LOL3	GSQ database	-20.36361	145.202797	55	312415	7747250
LOL4	GSQ database	-20.23991	144.983633	55	289365	7760680
LOL5	GSQ database	-20.24036	144.983817	55	289385	7760630
LOL6	GSQ database	-20.24481	145.057739	55	297115	7760230
LOL7	GSQ database	-20.12427	145.444269	55	337375	7774000
LOL8	GSQ database	-20.18303	145.009811	55	292025	7767010
LOL9	GSQ database	-20.18363	145.088153	55	300215	7767040
PGH053	GSQ database	-20.55265	145.321778	55	325050	7726453
PGH068	GSQ database	-20.56132	145.327611	55	325668	7725500
PGH072	GSQ database	-20.57715	145.343275	55	327319	7723764
PGH090A	GSQ database	-20.56348	145.367111	55	329789	7725302
RBRS0196	GSQ database	-20.02519	146.586139	55	456715	7785670
RBRS0199	GSQ database	-20.03695	146.593758	55	457515	7784370
RBRS0204	GSQ database	-20.06499	146.605161	55	458715	7781270
RBRS0222	GSQ database	-20.01091	146.670308	55	465515	7787270
RBRS0223	GSQ database	-20.01909	146.701842	55	468815	7786370
RBRS0252	GSQ database	-20.06376	146.664936	55	464965	7781420
RBRS0281	GSQ database	-20.09956	146.729428	55	471714	7777470
RBRS0299B	GSQ database	-20.04805	146.725692	55	471315	7783170
RBRS0332	GSQ database	-20.13931	146.719792	55	470714	7773070
RBRS0337	GSQ database	-20.15285	146.712114	55	469914	7771570
RBRS0340	GSQ database	-20.17001	146.702511	55	468914	7769670
RBRS1406	GSQ database	-20.18284	146.573283	55	455415	7768220
RBRS1522A	GSQ database	-20.22291	146.520044	55	449865	7763770
RBRS1552	GSQ database	-20.19894	146.510067	55	448815	7766420
RBRS1553	GSQ database	-20.19396	146.505775	55	448365	7766970
RBRS1641	GSQ database	-20.10153	146.580678	55	456164	7777220
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AFWB	Mulholland, 1991
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AHW	Mulholland, 1991
APH-282	Paulick & others, 2001
APH-592	Paulick & others, 2001
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TH148-159	Paulick & others, 2001
TH18-266	Paulick & others, 2001
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TH26/304	Stolz, 1995
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TH33/241	Stolz, 1995					
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TH382A-356	Paulick & others, 2001					
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TH57/12	Stolz, 1995					
TH57/4	Stolz, 1995					
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TH61-86	Paulick & others, 2001					
TH62C-142	Paulick & others, 2001					
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C242	GSQ database	-18.99209	143.568983	54	770471	7898067
CJ132	GSQ database	-17.31717	144.462761	55	230313	8083572
CJ152	GSQ database	-17.18021	144.086019	55	190012	8098172
CJ153	GSQ database	-17.182	144.085053	55	189912	8097972
CJ154	GSQ database	-17.19496	144.075456	55	188912	8096522
CJ155	GSQ database	-17.19099	144.082094	55	189612	8096972
CJ156	GSQ database	-17.20844	144.165436	55	198512	8095172
CJ157	GSQ database	-17.13055	144.280272	55	210613	8103972
CJ158	GSQ database	-17.13038	144.268064	55	209313	8103972
CJ159	GSQ database	-17.22568	144.441458	55	227913	8093672
CJ161	GSQ database	-17.40752	144.429533	55	226913	8073522
CJ162	GSQ database	-17.41758	144.404461	55	224263	8072372
CJ166	GSQ database	-17.18913	144.078364	55	189212	8097172
CJ167	GSQ database	-17.6993	144.267119	55	210113	8040972
CJ168	GSQ database	-17.70024	144.335886	55	217413	8040972
CJ169	GSQ database	-17.68828	144.319103	55	215613	8042272
CJ170	GSQ database	-17.61928	144.427489	55	227012	8050072
CJ171	GSQ database	-17.78755	144.449603	55	229613	8031472
CJ173	GSQ database	-17.7619	144.223758	55	205613	8033972
CJ174	GSQ database	-17.76673	144.245361	55	207913	8033472
CJ176	GSQ database	-17.27708	144.365547	55	219913	8087872
CJ177	GSQ database	-17.4754	144.622456	55	247512	8066272
CJ179	GSQ database	-17.4629	144.634853	55	248812	8067672
CJ180	GSQ database	-17.45197	144.627464	55	248012	8068872
CJ187	GSQ database	-18.00231	144.054883	55	188113	8007073
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CJ189	GSQ database	-18.00643	144.058597	55	188514	8006623
CJ190	GSQ database	-17.95612	144.164147	55	199614	8012370
DCC155	GSQ database	-16.42658	144.052069	55	185156	8181579
DCC170	GSQ database	-17.15375	144.129639	55	194612	8101172
DCC237	GSQ database	-16.46541	144.071697	55	187316	8177309
DCC238	GSQ database	-16.49334	144.092897	55	189626	8174249
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DCC241	GSQ database	-16.47104	144.054111	55	185446	8176659
DCC269	GSQ database	-16.49321	144.092767	55	189612	8174264
DCC270	GSQ database	-16.47459	144.054714	55	185516	8176266
DCC285	GSQ database	-17.25456	144.367756	55	220114	8090369
DCC300	GSQ database	-16.48648	144.086636	55	188946	8174999
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DCC96	GSQ database	-17.24761	144.388531	55	222314	8091169
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G102	GSQ database	-18.05709	143.590447	54	774220	8001569

G103	GSQ database	-18.0133	143.555825	54	770620	8006469
G104	GSQ database	-18.04056	143.610975	54	776420	8003369
G105	GSQ database	-18.04702	143.600686	54	775320	8002669
G107	GSQ database	-18.02485	143.639061	54	779420	8005066
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G109	GSQ database	-18.31871	143.801378	54	796120	7972269
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G110	GSQ database	-18.32691	143.796781	54	795620	7971369
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G112	GSQ database	-18.28471	143.841475	54	800420	7975969
G113	GSQ database	-18.28206	143.83765	54	800020	7976269
G114	GSQ database	-18.28206	143.83765	54	800020	7976269
G115	GSQ database	-18.25358	143.870261	54	803520	7979369
G12	GSQ database	-18.90833	143.918256	54	807421	7906769
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G135	GSQ database	-18.01241	143.554869	54	770520	8006569
G17	GSQ database	-18.24371	143.866319	54	803120	7980469
G18	GSQ database	-18.21027	143.868606	54	803420	7984169
G19	GSQ database	-18.25742	143.855206	54	801920	7978969
G20	GSQ database	-18.2923	143.817022	54	797820	7975169
G22	GSQ database	-18.26081	143.339172	54	747321	7979369
G23	GSQ database					
G24	GSQ database	-18.29159	143.333911	54	746721	7975969
G28	GSQ database	-18.82	143.729936	54	787721	7916869
G32	GSQ database	-18.03532	143.597681	54	775020	8003969
G33	GSQ database	-18.04544	143.583669	54	773520	8002869
G36	GSQ database					
G61	GSQ database	-18.3411	143.814031	54	797420	7969769
G62	GSQ database	-18.31044	143.811642	54	797220	7973169
G63	GSQ database	-18.27577	143.835658	54	799820	7976969
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G65	GSQ database	-18.29213	143.828361	54	799020	7975169
G66	GSQ database	-18.17359	143.845336	54	801020	7988269
G67	GSQ database	-18.01241	143.554869	54	770520	8006569
G68	GSQ database	-18.0549	143.618739	54	777220	8001769
G69	GSQ database	-18.03445	143.594836	54	774720	8004069
G70	GSQ database	-18.03172	143.596683	54	774920	8004369
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H692	GSQ database	-17.8668	144.799372	55	266814	8023169
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L952A	GSQ database					
L952B	GSQ database					
L953A	GSQ database					
L953B	GSQ database					
L953C	GSQ database					
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LHGT383	GSQ database	-17.62087	144.444919	55	228865	8049921
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NRV-1	GSQ database	-18.57609	143.798931	54	795421	7943769
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IWEM327	GSQ database	-23.49013	147.64775	55	566141	7402063
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LHEM067	GSQ database	-23.46045	147.843281	55	586127	7405246
SCEM0003	GSQ database	-23.48531	147.678308	55	569264	7402583
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80304022	GSQ database	-18.85158	144.667331	55	254215	7913970
80304023	GSQ database	-18.85158	144.667331	55	254215	7913970
80304024	GSQ database	-18.85336	144.665408	55	254015	7913770
80304025	GSQ database	-18.88384	144.646958	55	252115	7910370
80304026	GSQ database	-18.88659	144.650714	55	252515	7910070
80304056	GSQ database	-18.86479	144.640583	55	251415	7912470
80304057	GSQ database	-18.74136	144.709139	55	258465	7926230
80304061	GSQ database	-18.82061	144.718975	55	259615	7917470
93839073	GSQ database	-18.81409	144.589061	55	245908	7918010
93839078	GSQ database	-18.80936	144.592714	55	246286	7918539
93839095	GSQ database	-19.27982	144.475875	55	234715	7866273
93839097	GSQ database	-19.10164	144.462167	55	232986	7885983
70571186A	GSQ database	-19.14016	144.467811	55	233642	7881727
70571186B	GSQ database	-19.14016	144.467811	55	233642	7881727
93839095A	GSQ database	-19.27982	144.475875	55	234715	7866273
DCC290	GSQ database	-18.14918	145.201258	55	309715	7992373
DIDOGABBRO	GSQ database					
DIDOQDIOR	GSQ database					
DIDOTONAL	GSQ database					
IWB169	GSQ database	-18.98126	144.942647	55	283402	7899973
IWGT002	GSQ database	-18.87705	144.502142	55	236841	7910912
IWGT003	GSQ database	-18.87614	144.507325	55	237386	7911021
IWGT004	GSQ database	-18.85711	144.492164	55	235758	7913105
IWGT008	GSQ database	-18.87323	144.537017	55	240511	7911387
IWGT009	GSQ database	-18.87289	144.535719	55	240374	7911422
IWGT013A	GSQ database	-18.85697	144.541872	55	240998	7913194
IWGT013B	GSQ database	-18.85697	144.541872	55	240998	7913194
IWGT016	GSQ database	-18.85618	144.546617	55	241497	7913289
IWGT017	GSQ database	-18.85605	144.549864	55	241839	7913308
IWGT020	GSQ database	-18.85811	144.558069	55	242707	7913092
IWGT078	GSQ database	-19.10102	144.463658	55	233142	7886054
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IWGT084	GSQ database	-18.99024	144.708167	55	258719	7898674
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IWGT090	GSQ database	-18.98523	144.724567	55	260439	7899251
IWGT195	GSQ database	-18.86317	144.618225	55	249056	7912618
IWGT200	GSQ database	-18.86031	144.608458	55	248022	7912920
IWGT207	GSQ database	-18.86699	144.601408	55	247289	7912171
IWGT208	GSQ database	-18.86841	144.600942	55	247242	7912013
IWGT209	GSQ database	-18.87646	144.595183	55	246647	7911114
IWGT213	GSQ database	-18.91658	144.590225	55	246185	7906664
IWGT217A	GSQ database	-18.81403	144.589033	55	245905	7918017
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IWGT218	GSQ database	-18.99401	144.776253	55	265895	7898348
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IWGT221A	GSQ database	-18.98599	144.780631	55	266345	7899242
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IWGT222A	GSQ database	-18.98891	144.761858	55	264372	7898894
IWGT222B	GSQ database	-18.98891	144.761858	55	264372	7898894

IWGT223A	GSQ database	-18.9878	144.760658	55	264244	7899015
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IWGT226	GSQ database	-18.79482	144.589072	55	245880	7920144
IWGT233	GSQ database	-18.78324	144.587747	55	245723	7921425
IWGT238	GSQ database	-18.86014	144.58185	55	245217	7912901
IWLG119	GSQ database	-18.98806	144.760769	55	264256	7898987
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IWLG128	GSQ database	-18.97943	144.747297	55	262825	7899924
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IWLG136	GSQ database	-18.97803	144.781686	55	266445	7900125
IWLG138	GSQ database	-18.97836	144.782831	55	266566	7900090
IW-WYD	GSQ database	-18.80548	144.8918	55	277815	7919370
L999	GSQ database					
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80300040	GSQ database	-18.32211	142.770572	54	687119	7973261
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90831005	GSQ database	-13.08305	143.170283	54	735322	8552666
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90836105	GSQ database	-13.37461	143.406378	54	760624	8520166
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90836106B	GSQ database	-13.36044	143.381378	54	757930	8521760
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92836422D	GSQ database	-12.58352	143.276047	54	747283	8607846
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BB1762	GSQ database	-12.62714	143.432283	54	764222	8602865
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68906	Compiled in Greenfield & -30.58776	142.3062794	54	625121.62	6615178.3
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68909	Compiled in Greenfield & -30.68741	142.439158	54	637721.64	6603978.4
68915	Compiled in Greenfield & -30.63197	142.3934723	54	633421.62	6610178.4
68916	Compiled in Greenfield & -30.6356	142.3914376	54	633221.62	6609778.4
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69122	Compiled in Greenfield & -31.23632	142.4043709	54	633622	6543179
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69999	Compiled in Greenfield & -31.27956	142.7075198	54	662421.64	6537978.7
80318	Compiled in Greenfield & -30.24102	141.6820695	54	565502.98	6654132.2
87322	Compiled in Greenfield & -30.23907	141.683033	54	565596.98	6654347.2
130332	Compiled in Greenfield & -30.2265	141.6856167	54	565853.99	6655739.2
130333	Compiled in Greenfield & -30.22621	141.6863941	54	565928.99	6655771.2
131334	Compiled in Greenfield & -30.22556	141.6863272	54	565922.99	6655843.2
212284	Compiled in Greenfield & -30.20361	141.6701237	54	564378	6658284.2
214278	Compiled in Greenfield & -30.09665	141.6341993	54	560986.05	6670157.1
230330	Compiled in Greenfield & -30.19764	141.6749036	54	564842	6658943.2
274150	Compiled in Greenfield & -30.18763	141.6249649	54	560041.03	6660080.2
276245	Compiled in Greenfield & -30.18624	141.6551937	54	562952.01	6660218.2
344102	Compiled in Greenfield & -30.1679	141.6090441	54	558520.04	6662275.2
345153	Compiled in Greenfield & -30.16726	141.6250753	54	560064.04	6662337.2
354310	Compiled in Greenfield & -30.16312	141.6767662	54	565044.01	6662768.2
360257	Compiled in Greenfield & -30.16088	141.6591384	54	563348.02	6663026.2
363215	Compiled in Greenfield & -30.16133	141.6453297	54	562018.02	6662983.2
370165	Compiled in Greenfield & -30.15928	141.6290334	54	560450.04	6663219.2
382138	Compiled in Greenfield & -30.15699	141.6202649	54	559607.04	6663478.2
423119	Compiled in Greenfield & -30.14617	141.613282	54	558941.05	6664681.1
429122	Compiled in Greenfield & -30.14356	141.6145222	54	559062.05	6664969.1
430127	Compiled in Greenfield & -30.14359	141.6161629	54	559220.05	6664965.1
435138	Compiled in Greenfield & -30.14173	141.6191727	54	559511.05	6665170.1
442165	Compiled in Greenfield & -30.1394	141.6285232	54	560413.04	6665423.1
445186	Compiled in Greenfield & -30.13859	141.6349759	54	561035.04	6665509.1
449172	Compiled in Greenfield & -30.13764	141.6303289	54	560588.04	6665617.1
456190	Compiled in Greenfield & -30.13564	141.6360679	54	561142.04	6665835.1
457202	Compiled in Greenfield & -30.13506	141.6401547	54	561536.04	6665898.1
458216	Compiled in Greenfield & -30.13433	141.6443132	54	561937.04	6665976.1
462227	Compiled in Greenfield & -30.13334	141.6486152	54	562352.03	6666083.1
496136	Compiled in Greenfield & -30.12454	141.6189617	54	559501.05	6667075.1
538217	Compiled in Greenfield & -30.1122	141.6453321	54	562049.04	6668428.1
545190	Compiled in Greenfield & -30.11013	141.6361848	54	561169.05	6668662.1

547197	Compiled in Greenfield & -30.10982	141.6383729	54	561380.05	6668695.1	
549166	Compiled in Greenfield & -30.10915	141.628778	54	560456.05	6668775.1	
588128	Compiled in Greenfield & -30.09926	141.6157115	54	559203.06	6669877.1	
589180	Compiled in Greenfield & -30.09849	141.6324675	54	560818.05	6669954.1	
590128	Compiled in Greenfield & -30.09845	141.6156026	54	559193.06	6669967.1	
594149	Compiled in Greenfield & -30.09738	141.6223833	54	559847.05	6670082.1	
596116	Compiled in Greenfield & -30.0969	141.6118777	54	558835.06	6670141.1	
597183	Compiled in Greenfield & -30.20318	141.6677001	54	564145	6658333.2	
646200	Compiled in Greenfield & -30.08239	141.6389749	54	561455.05	6671735.1	
648132	Compiled in Greenfield & -30.08211	141.6166532	54	559304.06	6671778.1	
651212	Compiled in Greenfield & -30.08072	141.6425959	54	561805.05	6671918.1	
653184	Compiled in Greenfield & -30.08062	141.6338272	54	560960.05	6671934.1	
654151	Compiled in Greenfield & -30.08007	141.622389	54	559858.06	6672001.1	
656162	Compiled in Greenfield & -30.07938	141.6265456	54	560259.06	6672075.1	
1161944	CRAE	-31.88304	142.6392757	54	654921.79	6471178.7
2102336	CRAE	-31.6306	142.7967686	54	670281.73	6498928.8
2102337	CRAE	-31.6306	142.7967686	54	670281.73	6498928.8
2102338	CRAE	-31.6306	142.7967686	54	670281.73	6498928.8
2102339	CRAE	-31.6306	142.7967686	54	670281.73	6498928.8
2102340	CRAE	-31.6306	142.7967686	54	670281.73	6498928.8
2107101	CRAE	-29.91727	141.5464141	54	552622.16	6690078
5771858	Compiled in Greenfield & -30.10162	141.6340442	54	560968.05	6669606.1	
11_33	Compiled in Greenfield & -31.28639	142.6960041	54	661313.64	6537238.7	
13_22	Compiled in Greenfield & -31.28765	142.6965938	54	661367.64	6537098.7	
252222A	Compiled in Greenfield & -30.19251	141.6486908	54	562322.01	6659526.2	
252222B	Compiled in Greenfield & -30.19291	141.6492439	54	562375.01	6659482.2	
488112A	Compiled in Greenfield & -30.12768	141.6107385	54	558707.05	6666731.1	
488112B	Compiled in Greenfield & -30.12792	141.611093	54	558741.05	6666704.1	
7_42	Compiled in Greenfield & -31.293	142.705724	54	662227.64	6536491.7	
762904_UT	Dirreen & Crawford, 2003					
AR01	Crawford, A.J.	-30.07612	141.6427426	54	561822.05	6672428.1
AR01A	Crawford, A.J.	-30.07612	141.6427426	54	561822.05	6672428.1
AR02	Crawford, A.J.	-30.07657	141.6411891	54	561672.05	6672378.1
AR03	Crawford, A.J.	-30.07613	141.6391111	54	561472.05	6672428.1
AR04	Crawford, A.J.	-30.07662	141.6323699	54	560822.06	6672378.1
AR05	Crawford, A.J.	-30.07844	141.628231	54	560422.06	6672178.1
AR06	Crawford, A.J.	-30.07981	141.6256456	54	560172.06	6672028.1
AR07	Crawford, A.J.	-30.08026	141.6246108	54	560072.06	6671978.1
AR08	Crawford, A.J.	-30.07802	141.6220027	54	559822.06	6672228.1
AR09	Crawford, A.J.	-30.08166	141.6163184	54	559272.06	6671828.1
AR10	Crawford, A.J.	-30.13294	141.6483011	54	562322.03	6666128.1
AR11	Crawford, A.J.	-30.13386	141.6446735	54	561972.04	6666028.1
AR12	Crawford, A.J.	-30.13432	141.642081	54	561722.04	6665978.1
AR14	Crawford, A.J.	-30.13619	141.6296345	54	560522.04	6665778.1
AR50A	Compiled in Greenfield & -30.10391	141.5837632	54	556122.07	6669378.1	
AR50B	Compiled in Greenfield & -30.10391	141.5837632	54	556122.07	6669378.1	
AR51A	Compiled in Greenfield & -30.09806	141.5816531	54	555922.08	6670028.1	
AR51B	Compiled in Greenfield & -30.09806	141.5816531	54	555922.08	6670028.1	
AR52A	Compiled in Greenfield & -30.09307	141.5861902	54	556362.07	6670578.1	
AR52B	Compiled in Greenfield & -30.09307	141.5861902	54	556362.07	6670578.1	
AT1	Cooper, I	-31.61674	142.662347	54	657555	6500667
BB21_1A	Brown, B.	-29.43839	141.8974264	54	586918	6742930
BB21_1B	Brown, B.	-29.43839	141.8974264	54	586918	6742930
BB22_1	Brown, B.	-29.44094	141.8970983	54	586884	6742647
BB38_2	Brown, B.	-29.45628	141.9834913	54	595249	6740880
BB7_1	Brown, B.	-29.40061	142.0028665	54	597181	6747033

BC20	Compiled in Greenfield & -30.86769	142.6771683	54	660222	6583679
BH305	Compiled in Greenfield & -30.93872	142.6250301	54	655122	6575879
BH312	Compiled in Greenfield & -30.96314	142.6202091	54	654622	6573179
BH317	Compiled in Greenfield & -30.8124	142.552867	54	648422	6589979
BN1	Compiled in Greenfield & -29.72557	141.7986919	54	577122.06	6711177.7
BN2	Compiled in Greenfield & -29.72557	141.7986919	54	577122.06	6711177.7
BS10	Compiled in Greenfield & -31.07699	141.8163568	54	577750.68	6561400.6
BS11	Compiled in Greenfield & -31.07699	141.8163568	54	577750.68	6561400.6
BW5	Compiled in Greenfield & -29.66737	141.718664	54	569422.13	6717677.7
BW9C	Compiled in Greenfield & -29.80903	141.7238135	54	569822.09	6701977.8
CM1	Compiled in Greenfield & -30.86743	142.6773905	54	660243.69	6583707.7
CM30	Compiled in Greenfield & -30.91038	142.7239461	54	664621.67	6578878.8
DD96WA3a	Direen & Crawford, 2003				
DD96WA3b	Direen & Crawford, 2003				
DD96WA3c	Direen & Crawford, 2003				
DD96WA3d	Direen & Crawford, 2003				
DD96WA3e	Direen & Crawford, 2003				
DD96WA3f	Direen & Crawford, 2003				
DD96WA3g	Direen & Crawford, 2003				
DD96WA3h	Direen & Crawford, 2003				
DL19	Direen & Crawford, 2003				
DL20	Direen & Crawford, 2003				
DM17B	Compiled in Greenfield & -30.87384	142.6749535	54	660000	6583000
DM18B	Compiled in Greenfield & -30.87384	142.6749535	54	660000	6583000
DM2	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000
DM22	Compiled in Greenfield & -30.87384	142.6749535	54	660000	6583000
DM29	Compiled in Greenfield & -30.87384	142.6749535	54	660000	6583000
DM30	Compiled in Greenfield & -30.87384	142.6749535	54	660000	6583000
DM32	Compiled in Greenfield & -30.87384	142.6749535	54	660000	6583000
DM38	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000
DM42	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000
DM44	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000
DM52	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000
DM54	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000
DM59	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000
DM61	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000
DM70	Compiled in Greenfield & -30.87384	142.6749535	54	660000	6583000
ED_1	Compiled in Greenfield & -30.57981	141.9781988	54	593671.72	6616378.3
ED_2	Compiled in Greenfield & -30.53222	141.9834549	54	594221.75	6621648.3
ED_3	Compiled in Greenfield & -30.66265	142.1121099	54	606421.66	6607078.4
EHK1	Direen & Crawford, 2003				
EHK2a	Direen & Crawford, 2003				
EHK2b	Direen & Crawford, 2003				
EHK3a	Direen & Crawford, 2003				
EHK3b	Direen & Crawford, 2003				
EHK3c	Direen & Crawford, 2003				
EHK3d	Direen & Crawford, 2003				
EHK3e	Direen & Crawford, 2003				
EHK3f	Direen & Crawford, 2003				
Ep21_9864	Direen & Crawford, 2003				
Ep31_9865	Direen & Crawford, 2003				
Ev11_9866	Direen & Crawford, 2003				
Ev21_9867	Direen & Crawford, 2003				
G06_940	Compiled in Greenfield & -31.54595	142.8081029	54	671512	6508295
G06_941	Compiled in Greenfield & -31.54763	142.8014362	54	670876	6508119
G06_942	Compiled in Greenfield & -31.23717	142.4565134	54	638587	6543020

G06_943	Compiled in Greenfield & -31.25526	142.4041052	54	633570	6541080	
G06_944	Compiled in Greenfield & -31.1739	142.3182381	54	625501	6550199	
G06_945	Compiled in Greenfield & -31.12756	142.290329	54	622901	6555367	
G06_946	Compiled in Greenfield & -30.6756	142.5715702	54	650424	6605117	
G06_947	Compiled in Greenfield & -30.57821	141.9764546	54	593506	6616557	
G06_948	Compiled in Greenfield & -30.95924	142.6514124	54	657609	6573568	
G06_949	Compiled in Greenfield & -30.95924	142.6514124	54	657609	6573568	
G06_950	Compiled in Greenfield & -30.56419	142.3008167	54	624628	6617797	
G06_951	Compiled in Greenfield & -30.94295	142.6229664	54	654918	6575413	
G06_952	Compiled in Greenfield & -31.25924	142.4182367	54	634910	6540622	
G06_953	Compiled in Greenfield & -31.25917	142.4186452	54	634949	6540629	
G06_954	Compiled in Greenfield & -31.25917	142.4186452	54	634949	6540629	
G06_955	Compiled in Greenfield & -30.9433	142.6247935	54	655092	6575372	
G06_956	Compiled in Greenfield & -31.29945	142.7152466	54	663123	6535763	
G06_957	Compiled in Greenfield & -30.49685	142.2958665	54	624239	6625266	
G06_958	Compiled in Greenfield & -30.93883	142.6025504	54	652974	6575898	
G06_959	Compiled in Greenfield & -30.93883	142.6025504	54	652974	6575898	
G06_960	Compiled in Greenfield & -30.9344	142.5972645	54	652476	6576396	
G06_961	Compiled in Greenfield & -30.5776	141.9774183	54	593599	6616624	
G06_962	Compiled in Greenfield & -30.42703	142.2068262	54	615776	6633098	
G06_963	Compiled in Greenfield & -30.42742	142.2069976	54	615792	6633055	
G06_964	Compiled in Greenfield & -30.62844	142.3563877	54	629872	6610613	
GEMOC1	Compiled in Greenfield & -29.48208	141.8441438	54	581715	6738127	
GEMOC2	Compiled in Greenfield & -29.48269	141.8418693	54	581494	6738061	
GEMOC3	Compiled in Greenfield & -29.48774	142.0067456	54	597474	6737375	
GIB132a	Compiled in Greenfield & -29.40426	141.9995321	54	596854	6746631	
GIB137a	Compiled in Greenfield & -29.40928	141.9940773	54	596320	6746079	
GIB193a	Compiled in Greenfield & -29.43801	142.0334931	54	600116	6742863	
GIB1a	Compiled in Greenfield & -29.43432	142.0372599	54	600485	6743268	
GIB1c	Compiled in Greenfield & -29.43432	142.0372599	54	600485	6743268	
GIB202a	Compiled in Greenfield & -29.39779	141.9754563	54	594524	6747368	
GIB202b	Compiled in Greenfield & -29.39779	141.9754563	54	594524	6747368	
GIB209a	Compiled in Greenfield & -29.39975	141.9650968	54	593517	6747159	
GIB245a	Compiled in Greenfield & -29.41393	142.0137993	54	598229	6745548	
GIB290a	Compiled in Greenfield & -29.4272	141.9802318	54	594960	6744105	
GIB37a	Compiled in Greenfield & -29.42287	141.9732734	54	594289	6744590	
GIBxeno	Compiled in Greenfield & -29.43432	142.0372599	54	600485	6743268	
GNALTA	Compiled in Greenfield & -31.11752	142.4023876	54	633600	6556350	
GR34	Compiled in Greenfield & -31.33322	142.7282286	54	664300	6532000	
GR38	Compiled in Greenfield & -31.36915	142.7393995	54	665300	6528000	
ic109915	Cooper, I	-30.57681	142.014233	54	597130	6616680
ic129912	Cooper, I	-30.66589	142.111399	54	606350	6606720
ic9901	Cooper, I	-30.51746	141.963903	54	592360	6623300
ic9903	Cooper, I	-30.55381	141.9961654	54	595420	6619245
ic9905	Cooper, I	-30.67401	142.1013143	54	605375	6605830
ic9908	Cooper, I	-30.56896	141.979584	54	593815	6617580
ic9910	Cooper, I	-30.47748	141.9280882	54	588960	6627760
ic9912	Cooper, I	-30.50792	141.9790236	54	593820	6624345
ic9915	Cooper, I	-30.6641	142.1090823	54	606130	6606920
IC9916	Cooper, I	-30.54126	141.9666399	54	592600	6620660
IR96001a	Direen & Crawford, 2003					
IR96001b	Direen & Crawford, 2003					
IR96002a	Direen & Crawford, 2003					
IR96002b	Direen & Crawford, 2003					
IR96002c	Direen & Crawford, 2003					
IR96004	Direen & Crawford, 2003					

IR96005a	Direen & Crawford, 2003					
IR96005a	Direen & Crawford, 2003					
IR96005b	Direen & Crawford, 2003					
IR96005b	Direen & Crawford, 2003					
IR96005c	Direen & Crawford, 2003					
IR96006	Direen & Crawford, 2003					
IR96007a	Direen & Crawford, 2003					
IR96007b	Direen & Crawford, 2003					
IR96008a	Direen & Crawford, 2003					
IR96008b	Direen & Crawford, 2003					
IR96008c	Direen & Crawford, 2003					
IR96008d	Direen & Crawford, 2003					
JEG112	Compiled in Greenfield & -29.56736	141.8427315	54	581509	6728679	
JEG120	Compiled in Greenfield & -29.58678	141.852361	54	582426	6726520	
JEG125	Compiled in Greenfield & -29.7027	141.7955331	54	576834	6713714	
JEG131	Compiled in Greenfield & -29.56441	141.8075263	54	578101	6729030	
JEG134	Compiled in Greenfield & -29.76229	141.7187081	54	569361	6707160	
JEGMO19	Compiled in Greenfield & -29.65529	141.7711827	54	574513.38	6718983.3	
JEGMO27	Compiled in Greenfield & -29.69931	141.7688566	54	574255.85	6714107.7	
JESS1	Davey, J	-29.75913	141.7250569	54	569977	6707506
JG1872	Compiled in Greenfield & -29.69771	141.7868731	54	576000	6714273	
JG1873	Compiled in Greenfield & -29.71445	141.7627084	54	573650	6712434	
JG1874	Compiled in Greenfield & -29.73093	141.8267447	54	579831	6710565	
JG2075	Compiled in Greenfield & -29.72418	141.7805967	54	575373	6711344	
JG2076	Compiled in Greenfield & -29.64539	141.7605653	54	573493	6720087	
JG2171	Compiled in Greenfield & -29.65488	141.7798134	54	575349	6719023	
JG2173	Compiled in Greenfield & -29.61652	141.7454963	54	572055	6723296	
JGMO30	Compiled in Greenfield & -29.68738	141.7676048	54	574143.52	6715429.7	
Kay_1	Compiled in Greenfield & -30.71223	142.6287372	54	655842	6600979	
KAY83	Compiled in Greenfield & -30.67696	142.5462905	54	648000	6605000	
KAYONE	Compiled in Greenfield & -30.67177	142.5433062	54	647722	6605579	
KLM51	Compiled in Greenfield & -30.93689	142.6270923	54	655322	6576079	
KLM64	Compiled in Greenfield & -30.98672	142.610136	54	653622	6570579	
KLM71	Compiled in Greenfield & -30.86876	142.5924723	54	652122	6583679	
KLM83	Compiled in Greenfield & -30.67177	142.5433062	54	647722	6605579	
KM16	Compiled in Greenfield & -29.69571	141.7859892	54	575916	6714495	
KM4	Compiled in Greenfield & -29.55361	141.8329561	54	580573	6730209	
KM44	Compiled in Greenfield & -30.76955	142.6879902	54	661421	6594541	
MS15C	Compiled in Greenfield & -29.91093	141.551559	54	553122.16	6690778	
MS19A	Compiled in Greenfield & -29.91005	141.5463748	54	552622.17	6690878	
MW001	Compiled in Greenfield & -31.28315	142.4124149	54	634321.73	6537978.7	
MW002	Compiled in Greenfield & -31.291	142.4366944	54	636621.72	6537078.7	
MW002A	Crawford, A.J.	-31.29056	142.4356372	54	636521.72	6537128.7
MW002DI	Crawford, A.J.	-31.29056	142.4356372	54	636521.72	6537128.7
MW002E	Crawford, A.J.	-31.29056	142.4356372	54	636521.72	6537128.7
MW002F	Crawford, A.J.	-31.29056	142.4356372	54	636521.72	6537128.7
MW002J	Crawford, A.J.	-31.29056	142.4356372	54	636521.72	6537128.7
MW002L	Crawford, A.J.	-31.29056	142.4356372	54	636521.72	6537128.7
MW003	Compiled in Greenfield & -31.28748	142.4282371	54	635821.72	6537478.7	
MW004	Compiled in Greenfield & -31.28392	142.4239816	54	635421.72	6537878.7	
MW005	Crawford, A.J.	-31.25795	142.4067886	54	633821.73	6540778.7
MW006	Crawford, A.J.	-31.25888	142.4036519	54	633521.73	6540678.7
MW007	Crawford, A.J.	-31.25802	142.4004885	54	633221.73	6540778.7
MW007	Crawford, A.J.	-31.25802	142.4004885	54	633221.73	6540778.7
MW008	Crawford, A.J.	-31.25621	142.4004618	54	633221.73	6540978.7
MW008	Crawford, A.J.	-31.25621	142.4004618	54	633221.73	6540978.7

MW009	Compiled in Greenfield &	-31.18766	142.3994512	54	633221.72	6548578.7
MW010	Compiled in Greenfield &	-31.19122	142.4037014	54	633621.72	6548178.7
MW011	Compiled in Greenfield &	-31.19434	142.406896	54	633921.72	6547828.7
MW012	Crawford, A.J.	-31.21736	142.406187	54	633821.72	6545278.7
MW014	Crawford, A.J.	-31.22188	142.4052042	54	633721.72	6544778.7
MW015	Compiled in Greenfield &	-31.21126	142.4270901	54	635821.72	6545928.7
MW016	Compiled in Greenfield &	-31.21071	142.4365287	54	636721.73	6545978.7
MW020A	Crawford, A.J.	-31.20938	142.3934731	54	632621.72	6546178.7
MW020C	Crawford, A.J.	-31.20938	142.3934731	54	632621.72	6546178.7
MW020D	Crawford, A.J.	-31.20938	142.3934731	54	632621.72	6546178.7
MW021A	Crawford, A.J.	-31.21071	142.3955919	54	632821.72	6546028.7
MW026	Crawford, A.J.	-31.25523	142.4077984	54	633921.73	6541078.7
MW029A	Crawford, A.J.	-31.1846	142.3904865	54	632371.72	6548928.7
MW029D	Crawford, A.J.	-31.1846	142.3904865	54	632371.72	6548928.7
MW030A	Crawford, A.J.	-31.18408	142.3967751	54	632971.72	6548978.7
MW030C	Crawford, A.J.	-31.18408	142.3967751	54	632971.72	6548978.7
MW031	Crawford, A.J.	-31.20307	142.3923311	54	632521.72	6546878.7
MW034	Crawford, A.J.	-31.20218	142.3912685	54	632421.72	6546978.7
MW037	Crawford, A.J.	-31.20306	142.3933805	54	632621.72	6546878.7
MW039	Crawford, A.J.	-31.20126	142.393354	54	632621.72	6547078.7
MW040	Crawford, A.J.	-31.20126	142.3933645	54	632622.72	6547078.7
MW042	Crawford, A.J.	-31.20169	142.3949348	54	632771.72	6547028.7
MW043	Crawford, A.J.	-31.20169	142.3949452	54	632772.72	6547028.7
MW044	Crawford, A.J.	-31.20169	142.3949557	54	632773.72	6547028.7
MW046	Crawford, A.J.	-31.20169	142.3949662	54	632774.72	6547028.7
MW048	Crawford, A.J.	-31.20122	142.3970269	54	632971.72	6547078.7
MW049	Crawford, A.J.	-31.20033	142.3959643	54	632871.72	6547178.7
MW054	Crawford, A.J.	-31.19758	142.4001219	54	633271.72	6547478.7
MW056	Crawford, A.J.	-31.19667	142.4006333	54	633321.72	6547578.7
MW061	Crawford, A.J.	-31.19703	142.4090347	54	634121.72	6547528.7
MW064	Crawford, A.J.	-31.19479	142.4074273	54	633971.72	6547778.7
MW065	Crawford, A.J.	-31.19435	142.4063713	54	633871.72	6547828.7
MW067	Crawford, A.J.	-31.19212	142.4037147	54	633621.72	6548078.7
MW067	Crawford, A.J.	-31.19212	142.4037147	54	633621.72	6548078.7
MW071	Crawford, A.J.	-31.19483	142.4037547	54	633621.72	6547778.7
MW072	Crawford, A.J.	-31.19399	142.3984948	54	633121.72	6547878.7
MW073	Crawford, A.J.	-31.1949	142.3974588	54	633021.72	6547778.7
MW073A	Crawford, A.J.	-31.1949	142.3974588	54	633021.72	6547778.7
MW074	Crawford, A.J.	-31.19762	142.3964492	54	632921.72	6547478.7
MW075	Crawford, A.J.	-31.19858	142.390691	54	632371.72	6547378.7
MW076	Crawford, A.J.	-31.22922	142.3937643	54	632621.72	6543978.7
MW077	Crawford, A.J.	-31.22921	142.394814	54	632721.72	6543978.7
MW078	Crawford, A.J.	-31.2292	142.3953388	54	632771.72	6543978.7
MW082	Crawford, A.J.	-31.23091	142.4048128	54	633671.72	6543778.7
MW089A	Crawford, A.J.	-31.21789	142.3983219	54	633071.72	6545228.7
MW092	Crawford, A.J.	-31.21788	142.3993715	54	633171.72	6545228.7
MW095	Crawford, A.J.	-31.21835	142.3978037	54	633021.72	6545178.7
MW097B	Crawford, A.J.	-31.21567	142.39514	54	632771.72	6545478.7
MW101	Crawford, A.J.	-31.21945	142.3799739	54	631321.72	6545078.7
MW113	Crawford, A.J.	-31.11906	142.402638	54	633621.71	6556178.7
MW117	Crawford, A.J.	-31.11726	142.4026114	54	633621.71	6556378.7
MW118	Crawford, A.J.	-31.11726	142.4026219	54	633622.71	6556378.7
MW120A	Crawford, A.J.	-31.11797	142.40187	54	633550	6556300
MW121	Crawford, A.J.	-31.11752	142.4023876	54	633600	6556350
MW123	Crawford, A.J.					
MW124	Crawford, A.J.	-31.11589	142.4041642	54	633771.71	6556528.7

MW126	Crawford, A.J.	-31.11543	142.4046818	54	633821.71	6556578.7
MW126A	Crawford, A.J.	-31.11543	142.4046818	54	633821.71	6556578.7
MW128	Crawford, A.J.	-31.11446	142.4109591	54	634421.71	6556678.7
MW134	Crawford, A.J.	-31.114	142.4120008	54	634521.71	6556728.7
MW135	Crawford, A.J.	-31.11562	142.4107486	54	634400	6556550
MW137	Crawford, A.J.	-31.11533	142.4123173	54	634550	6556580
MW144A	Crawford, A.J.	-31.11176	142.4103948	54	634371.71	6556978.7
MW145	Crawford, A.J.	-31.115	142.4025783	54	633621.71	6556628.7
MW146	Crawford, A.J.	-31.11501	142.4015298	54	633521.71	6556628.7
MW149A	Crawford, A.J.	-31.25525	142.4056984	54	633721.73	6541078.7
MW153	Crawford, A.J.	-31.25756	142.4010068	54	633271.73	6540828.7
MW154A	Crawford, A.J.	-31.25757	142.3999568	54	633171.73	6540828.7
nd_9613	Direen & Crawford, 2003					
nd_9615	Direen & Crawford, 2003					
nd_9626	Direen & Crawford, 2003					
nd_9627	Direen & Crawford, 2003					
nd_9702	Direen & Crawford, 2003					
nd_9703	Direen & Crawford, 2003					
nd_9707	Direen & Crawford, 2003					
nd_9708	Direen & Crawford, 2003					
nd_9709	Direen & Crawford, 2003					
nd_9711	Direen & Crawford, 2003					
nd_9713	Direen & Crawford, 2003					
nd_9719	Direen & Crawford, 2003					
nd_9724	Direen & Crawford, 2003					
nd_9809	Direen & Crawford, 2003					
nd_9814	Direen & Crawford, 2003					
nd_9835	Direen & Crawford, 2003					
nd_9840	Direen & Crawford, 2003					
nd_9845	Direen & Crawford, 2003					
nd_9862	Direen & Crawford, 2003					
ND-1	Compiled in Greenfield &	-30.66934	142.0911363	54	604405	6606357
NMV023	Compiled in Greenfield &	-29.46461	141.9294404	54	590000	6740000
NMV026	Compiled in Greenfield &	-29.46461	141.9294404	54	590000	6740000
NU14	Crawford, A.J.	-30.72533	142.1671381	54	611621.65	6600078.4
NU14B	Crawford, A.J.	-30.72533	142.1671381	54	611621.65	6600078.4
NU17A	Crawford, A.J.	-30.72256	142.173371	54	612221.65	6600378.4
NU18	Crawford, A.J.	-30.72341	142.1796476	54	612821.65	6600278.4
NU19	Crawford, A.J.	-30.7234	142.1801697	54	612871.65	6600278.4
NU20	Crawford, A.J.	-30.7234	142.1801801	54	612872.65	6600278.4
NU24	Crawford, A.J.	-30.72248	142.1827693	54	613121.65	6600378.4
NU25	Crawford, A.J.	-30.72248	142.1827798	54	613122.65	6600378.4
NU27	Crawford, A.J.	-30.67971	142.1217007	54	607321.66	6605178.4
NU28	Crawford, A.J.	-30.6797	142.1227445	54	607421.66	6605178.4
NU29	Crawford, A.J.	-30.67972	142.1206569	54	607221.66	6605178.4
NU42	Compiled in Greenfield &	-30.42772	142.2489588	54	619821.7	6632978.2
NU46	Compiled in Greenfield &	-30.43226	142.2458929	54	619521.7	6632478.2
NU47	Compiled in Greenfield &	-30.43316	142.2459044	54	619521.7	6632378.2
NU47	Compiled in Greenfield &	-30.43316	142.2459044	54	619521.7	6632378.2
NU49	Compiled in Greenfield &	-30.43132	142.2500459	54	619921.7	6632578.2
NUN1	Compiled in Greenfield &	-30.86905	142.6761462	54	660122	6583529
NUN2	Compiled in Greenfield &	-30.86905	142.6761462	54	660122	6583529
NV23_1	Compiled in Greenfield &	-29.39266	141.9751291	54	594497	6747936
NV24_1	Compiled in Greenfield &	-29.42156	142.019225	54	598748	6744698
NV25_1	Compiled in Greenfield &	-29.41026	142.0061357	54	597489	6745961
NV26_1	Compiled in Greenfield &	-29.48217	141.94534	54	591526	6738042

NV32_1	Compiled in Greenfield & -29.41433	142.0213587	54	598962	6745497
NV4_1	Compiled in Greenfield & -29.46679	141.8376234	54	581095	6739826
NV48_2	Compiled in Greenfield & -29.40198	142.0033025	54	597222	6746880
OD-1	Compiled in Greenfield & -29.4416	141.8973928	54	586912	6742574
OD-2	Compiled in Greenfield & -29.42626	141.9726768	54	594228	6744215
PACK	Compiled in Greenfield & -30.57621	141.9765985	54	593521.72	6616778.3
PC-1	Compiled in Greenfield & -31.07735	141.7228343	54	568829	6561423
PC-2	Compiled in Greenfield & -31.07611	141.7224685	54	568795	6561561
PC-3	Compiled in Greenfield & -31.07611	141.7224685	54	568795	6561561
PILL_1A	Compiled in Greenfield & -30.11185	141.6369639	54	561243.05	6668471.1
PILL_1B	Compiled in Greenfield & -30.11185	141.6369639	54	561243.05	6668471.1
PILL_2A	Compiled in Greenfield & -30.11185	141.6369639	54	561243.05	6668471.1
PILL_2B	Compiled in Greenfield & -30.11185	141.6369639	54	561243.05	6668471.1
PILL_3A	Compiled in Greenfield & -30.11185	141.6369639	54	561243.05	6668471.1
PILL_3B	Compiled in Greenfield & -30.11185	141.6369639	54	561243.05	6668471.1
PILL_3C	Compiled in Greenfield & -30.11185	141.6369639	54	561243.05	6668471.1
PL08	Compiled in Greenfield & -29.66523	141.7775485	54	575122.09	6717877.7
PL14A	Compiled in Greenfield & -29.80701	141.7620859	54	573522.06	6702177.8
PL25_24	Compiled in Greenfield & -29.70762	141.7830435	54	575622.08	6713177.7
PL41	Compiled in Greenfield & -29.65715	141.7712869	54	574522.1	6718777.7
PO-1	Compiled in Greenfield & -30.38732	142.1657888	54	611880	6637540
SR1	Compiled in Greenfield & -31.86177	142.3788885	54	630321.8	6473878.7
TB04	Compiled in Greenfield & -29.42383	141.9818691	54	595121.97	6744477.4
TB05	Compiled in Greenfield & -29.42338	141.9813494	54	595071.97	6744527.4
TB06	Compiled in Greenfield & -29.42204	141.9797903	54	594921.97	6744677.4
TB30	Compiled in Greenfield & -29.41031	141.9786471	54	594821.98	6745977.4
TB45A	Compiled in Greenfield & -29.4002	142.0043156	54	597322	6747077.3
TB46	Compiled in Greenfield & -29.40033	141.9867964	54	595621.98	6747077.4
TB60	Compiled in Greenfield & -29.43621	141.8892012	54	586122.06	6743177.4
TB61	Compiled in Greenfield & -29.48007	141.941154	54	591122.03	6738277.5
TB62	Compiled in Greenfield & -29.43335	142.0355695	54	600321.99	6743377.4
TB64	Compiled in Greenfield & -29.40018	142.0063766	54	597522	6747077.3
TB65	Compiled in Greenfield & -29.4363	142.0036397	54	597222	6743077.4
TD3B	Compiled in Greenfield & -30.66422	141.088669	54	508372.12	6607428.4
TD3C	Compiled in Greenfield & -30.66422	141.088669	54	508372.12	6607428.4
TD7A	Compiled in Greenfield & -30.75266	141.0062102	54	500472.11	6597630.4
TD7B	Compiled in Greenfield & -30.75266	141.0062102	54	500472.11	6597630.4
W35	Compiled in Greenfield & -30.84189	142.5763414	54	650621.69	6586678.6
W36	Compiled in Greenfield & -30.84649	142.5690971	54	649921.68	6586178.6
WB201B	Compiled in Greenfield & -29.61149	141.8576918	54	582922.04	6723777.6
WB201H	Compiled in Greenfield & -29.61149	141.8576918	54	582922.04	6723777.6
WB201M	Compiled in Greenfield & -29.61149	141.8576918	54	582922.04	6723777.6
WB203	Compiled in Greenfield & -29.63135	141.8578599	54	582922.04	6721577.6
WB203a	Compiled in Greenfield & -29.63135	141.8578599	54	582922.04	6721577.6
WB55A	Compiled in Greenfield & -29.54857	141.8179394	54	579122.09	6730777.6
WB58	Compiled in Greenfield & -29.55214	141.8241612	54	579722.08	6730377.6
WO39	Compiled in Greenfield & -30.57912	142.2475405	54	619500	6616200
WO46	Compiled in Greenfield & -30.58272	142.294515	54	624000	6615750
WO54	Compiled in Greenfield & -30.59747	142.3082701	54	625300	6614100
WO72	Compiled in Greenfield & -30.62675	142.3566563	54	629900	6610800
WON9	Compiled in Greenfield & -30.60832	142.3152484	54	625955	6612890
WT1	Compiled in Greenfield & -30.96846	142.6276243	54	655321.69	6572578.7
WT2	Compiled in Greenfield & -30.96829	142.6412317	54	656621.69	6572578.7
WT3	Compiled in Greenfield & -30.95934	142.6358443	54	656121.69	6573578.7
WT4	Compiled in Greenfield & -30.9504	142.6294114	54	655521.68	6574578.7
WT5	Compiled in Greenfield & -30.94679	142.6293502	54	655521.68	6574978.7

WT6	Compiled in Greenfield &	-30.95795	142.6023219	54	652921.68	6573778.7
WT7	Compiled in Greenfield &	-30.98244	142.5922601	54	651921.7	6571078.7
WT8	Compiled in Greenfield &	-30.96314	142.6202091	54	654622	6573179
WT9	Compiled in Greenfield &	-30.93689	142.6270923	54	655322	6576079
68590009	GSQ database	-15.41098	144.863586	55	270717	8295074
91836327	GSQ database	-13.97878	143.526369	54	772929	8453162
BB926	GSQ database	-15.41278	144.857961	55	270115	8294869
DCC177	GSQ database	-15.5157	144.847761	55	269134	8283467
DCC185	GSQ database	-15.37459	144.83415	55	267516	8299070
DCC188	GSQ database	-15.37459	144.83415	55	267516	8299070
DCC206	GSQ database	-15.41265	144.858036	55	270123	8294884
DCC210	GSQ database	-15.50487	144.848031	55	269151	8284666
DCC211	GSQ database	-15.51487	144.847758	55	269133	8283559
DCC235	GSQ database	-15.82793	144.039994	55	182913	8247856
DCC236	GSQ database	-15.76182	144.039156	55	182720	8255176
DCC250	GSQ database	-15.4082	144.852475	55	269521	8295370
	GSQ database	-22.97996	150.024525	56	194927	7455596
	GSQ database	-22.97996	150.024525	56	194927	7455596
MB003	GSQ database	-22.88438	150.068139	56	199190	7466276
MB005	GSQ database	-22.90695	150.084525	56	200922	7463809
MB008	GSQ database	-22.90936	150.08165	56	200632	7463536
MB009	GSQ database	-22.90756	150.081689	56	200632	7463736
MB020	GSQ database	-22.955	149.912511	55	798669	7458491
MB021	GSQ database	-22.95389	149.902294	55	797623	7458634
MB053	GSQ database	-22.89153	149.866081	55	794042	7465617
MB057	GSQ database	-22.88897	149.92235	55	799824	7465787
MB062	GSQ database	-22.89826	149.918039	55	799361	7464766
MB088	GSQ database	-22.92561	149.955456	55	803141	7461659
MB094	GSQ database	-22.92561	149.953731	55	802964	7461663
MB096	GSQ database	-22.76414	149.894772	55	797264	7479674
MB112	GSQ database	-22.88378	150.069125	56	199290	7466345
MB114	GSQ database	-22.88106	150.06445	56	198804	7466636
MB116A	GSQ database	-22.87774	150.058783	56	198215	7466993
18017	GSQ database	-20.27851	146.311064	55	428060	7757540
19641	GSQ database	-20.29034	146.183208	55	414715	7756170
19643	GSQ database	-20.31363	146.139028	55	410115	7753570
19646	GSQ database	-20.33068	146.116903	55	407815	7751670
19647	GSQ database	-20.30893	146.103617	55	406415	7754070
19648	GSQ database	-20.321	146.168681	55	413215	7752770
19660	GSQ database	-20.25592	146.164239	55	412715	7759970
19661	GSQ database	-20.25125	146.133628	55	409515	7760470
19674	GSQ database	-20.25003	146.260972	55	422815	7760670
19675	GSQ database	-20.33661	146.464608	55	444115	7751170
19676	GSQ database	-20.37073	146.396461	55	437015	7747370
19683	GSQ database	-20.14119	146.169636	55	413215	7772670
20715	GSQ database	-20.27331	146.212983	55	417815	7758070
20723	GSQ database	-20.29873	146.239669	55	420615	7755270
20724	GSQ database	-20.27979	146.247425	55	421415	7757370
20751	GSQ database	-20.37724	145.630864	55	357115	7746170
20758	GSQ database	-20.27963	146.211992	55	417715	7757370
20759	GSQ database	-20.26692	146.197694	55	416215	7758770
20763	GSQ database	-20.30365	146.339253	55	431015	7754770
20925	GSQ database	-20.0338	147.053683	55	505614	7784770
20926	GSQ database	-20.04012	147.057031	55	505964	7784070
20929	GSQ database	-20.02563	147.119175	55	512464	7785670
20931	GSQ database	-20.16028	147.125497	55	513114	7770770

20932	GSQ database	-20.15173	147.048461	55	505064	7771720
20933	GSQ database	-20.17155	147.148953	55	515564	7769520
20934	GSQ database	-20.18375	147.149442	55	515614	7768170
20936	GSQ database	-20.27914	147.043233	55	504514	7757620
86302002	GSQ database	-20.08345	146.857622	55	485114	7779270
86302004	GSQ database	-20.10064	146.888219	55	488314	7777370
86302008	GSQ database	-20.01844	146.948508	55	494614	7786470
86302009	GSQ database	-20.0112	146.939908	55	493714	7787270
86302010	GSQ database	-20.01826	146.946597	55	494414	7786490
86302013	GSQ database	-20.04011	146.916947	55	491314	7784070
86302018	GSQ database	-20.03742	146.957108	55	495514	7784370
86302026	GSQ database	-20.02025	146.995358	55	499514	7786270
86302027	GSQ database	-20.01754	146.980061	55	497914	7786570
86302033	GSQ database	-20.00579	146.998225	55	499814	7787870
86302034	GSQ database	-20.00579	146.998225	55	499814	7787870
86302037	GSQ database	-20.00037	146.982931	55	498214	7788470
86302052	GSQ database	-20.27921	146.328822	55	429915	7757470
86302053	GSQ database	-20.26745	146.323128	55	429315	7758770
86302099	GSQ database	-20.31751	146.878483	55	487314	7753370
87302024	GSQ database	-19.99664	146.794608	55	478515	7788870
87302035	GSQ database	-20.10334	146.892022	55	488712	7777072
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88302135	GSQ database	-20.46836	147.180397	55	518814	7736670
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88302216	GSQ database	-20.41695	146.975217	55	497414	7742370
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88503134	GSQ database	-20.35179	147.108317	55	511305	7749577
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88503137	GSQ database	-20.34736	147.110258	55	511508	7750068
88503140	GSQ database	-20.31208	147.112208	55	511714	7753972
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89302023	GSQ database	-20.28942	146.18035	55	414416	7756271
89302024	GSQ database	-20.29029	146.174017	55	413755	7756171
89302026	GSQ database	-20.285	146.201442	55	416616	7756771
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M005	Daven, 2009 * CONFIDEN	-25.35615	147.7182224	55	572152	7195239
MB114	Bruce & others, 2000	-22.88109	144.0645394	55	198697	7466460
MB116a	Bruce & others, 2000	-22.87776	144.0588741	55	198108	7466817
MB21	Bruce & others, 2000	-22.95388	149.9023056	55	797509	7458463
MB3	Bruce & others, 2000	-22.88441	144.0682278	55	199083	7466100
MB8	Bruce & others, 2000	-22.90758	144.0817777	55	200525	7463560
MB88	Bruce & others, 2000	-22.9256	149.9554674	55	803027	7461488
MB9	Bruce & others, 2000	-22.90758	144.0817777	55	200525	7463560
MB94	Bruce & others, 2000	-22.92559	149.9537427	55	802850	7461492
G05/822	Burton & others, 2008	-29.94491	146.2850402	55	430890	6686920
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G05/824	Burton & others, 2008	-29.93969	146.2879788	55	431170	6687500
G07/968	Burton & others, 2008	-29.90533	146.3270661	55	434920	6691330
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G07/972	Burton & others, 2008	-29.93969	146.2879788	55	431170	6687500
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BB949	GSQ database	-16.69952	145.619533	55	352814	8153169
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BB950	GSQ database	-16.64583	145.565544	55	347014	8159069
BB951	GSQ database	-15.80088	145.256256	55	313225	8252310
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BB956	GSQ database	-17.1962	145.699583	55	361714	8098269
CJ120	GSQ database	-17.36876	145.257489	55	314864	8078802
CJ121	GSQ database	-17.3754	145.26185	55	315334	8078072
CJ122	GSQ database	-17.35229	145.213706	55	310194	8080582
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CJ124	GSQ database	-17.35567	145.217436	55	310594	8080212
CJ125	GSQ database	-17.36885	145.225872	55	311504	8078762
CJ126	GSQ database	-17.37029	145.288056	55	318114	8078662
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CJ128	GSQ database	-17.37356	145.278617	55	317114	8078292
CJ129	GSQ database	-17.34712	145.315181	55	320974	8081252
CJ130	GSQ database	-17.28954	145.177725	55	306304	8087492
CJ131	GSQ database	-17.14925	145.037275	55	291213	8102872
CJ134	GSQ database	-17.45368	144.857086	55	272412	8068972
CJ135	GSQ database	-16.82376	144.577203	55	241804	8138354
CJ136	GSQ database	-16.81737	144.578317	55	241914	8139063
CJ137	GSQ database	-16.82515	144.561372	55	240118	8138179
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CJ140	GSQ database	-16.93404	144.300822	55	212500	8125761
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CJ143	GSQ database	-16.87626	144.313878	55	213805	8132178
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CJ148	GSQ database	-17.0031	144.482992	55	232013	8118373
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CJ151	GSQ database	-17.03303	144.492919	55	233113	8115073
CJ163	GSQ database	-17.04843	144.496469	55	233513	8113373
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CJ184	GSQ database	-17.41928	144.768089	55	262912	8072672
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DCC140	GSQ database	-16.23737	144.732486	55	257629	8203460
DCC142	GSQ database	-16.52848	144.846925	55	270208	8171370
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DCC145	GSQ database	-15.49153	145.275528	55	315012	8286558
DCC146	GSQ database	-15.65264	145.220247	55	309229	8268682
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IRCA012	GSQ database	-18.47663	146.163789	55	411714	7956870
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IRIN056	GSQ database	-18.72792	146.177739	55	413315	7929070
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IRIN058	GSQ database	-18.68923	146.216806	55	417415	7933370
IRIN059	GSQ database	-18.55559	146.045911	55	399315	7948070
IRKI007	GSQ database	-18.24245	145.802672	55	373414	7982570
IRKI011A	GSQ database	-18.11622	145.578614	55	349614	7996370
IRKI016	GSQ database	-18.41394	145.7712	55	370214	7963570
IRKI019	GSQ database	-18.41714	145.849753	55	378514	7963270
IRKI020	GSQ database	-18.39183	145.847083	55	378214	7966070

IRKI021	GSQ database	-18.36388	145.857678	55	379314	7969170
IRKI023	GSQ database	-18.41417	145.960539	55	390214	7963670
IRKI026	GSQ database	-18.20225	145.880483	55	381614	7987070
IRKI029	GSQ database	-18.17054	145.722808	55	364914	7990470
IRKI030	GSQ database	-18.16587	145.700156	55	362514	7990970
IRKI031	GSQ database	-18.16941	145.688786	55	361314	7990570
IRKI033	GSQ database	-18.21021	145.708336	55	363414	7986070
IRKI034	GSQ database	-18.22191	145.701631	55	362714	7984770
IRKI037	GSQ database	-18.2336	145.693033	55	361814	7983470
IRKI039	GSQ database	-18.15838	145.6624	55	358514	7991770
IRKI040	GSQ database	-18.18861	145.593156	55	351214	7988370
IRKI042	GSQ database	-18.21544	145.556064	55	347314	7985370
IRKI047	GSQ database	-18.21443	145.541889	55	345814	7985470
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IS409B	GSQ database	-17.59882	145.718744	55	364050	8053732
IS411	GSQ database	-17.95462	146.09085	55	403727	8014593
IS452	GSQ database	-17.90084	145.566122	55	348108	8020193
IS455	GSQ database	-17.33616	145.557244	55	346691	8082675
IS473A	GSQ database	-18.13728	146.279319	55	423764	7994470
IS474B	GSQ database	-18.15969	146.158169	55	410959	7991936
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IS481	GSQ database	-17.51607	145.5359	55	344575	8062749
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PB278	GSQ database	-17.31654	144.914144	55	278310	8084219
PB474	GSQ database	-17.31459	144.918861	55	278809	8084440
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R56	GSQ database	-17.4207	145.065531	55	294521	8072858
RH1022	GSQ database	-15.64796	145.009953	55	286675	8268999
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90836026	GSQ database	-13.36877	143.053886	54	722436	8521156
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90837040	GSQ database	-14.43739	143.294156	54	747331	8402660
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90837048	GSQ database	-14.45182	143.299708	54	747914	8401056
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90837158	GSQ database	-13.94127	143.206658	54	738412	8457657
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90837168	GSQ database	-13.94293	143.207764	54	738530	8457472
91831003	GSQ database	-14.475	143.029208	54	718719	8398767
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91836396A	GSQ database	-14.89591	143.421469	54	760520	8351766
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QFG0883	GSQ database	-14.84412	143.273211	54	744620	8357666

QFG1099A	GSQ database	-15.4323	143.284986	54	745210	8292551
QFG1099B	GSQ database	-15.4323	143.284986	54	745210	8292551
QFG1100	GSQ database	-15.43253	143.284906	54	745201	8292525
QFG1101	GSQ database	-15.43219	143.284511	54	745159	8292563
QFG1158	GSQ database	-15.01944	143.138772	54	729961	8338405
QFG1164A	GSQ database	-15.43291	143.285122	54	745224	8292483
QFG1164B	GSQ database	-15.43291	143.285122	54	745224	8292483
QFG1318B	GSQ database	-15.09638	143.162214	54	732399	8329865
QFG1340A	GSQ database	-15.44562	143.289903	54	745722	8291071
QFG1376A	GSQ database	-15.27461	143.344714	54	751812	8309936
SEE COMMS	GSQ database	-13.9897	143.237728	54	741720	8452266
ZRB0027	GSQ database	-14.30626	143.204689	54	737820	8417266
6742RS2	Gatehouse, 1986					
6841RS18	Gatehouse, 1986					
6841RS19	Gatehouse, 1986					
6940RS13	Gatehouse, 1986					
6940RS13	Gatehouse, 1986					
6940RS14	Gatehouse, 1986					
6940RS14	Gatehouse, 1986					
6941RS153	Gatehouse, 1986					
6941RS43	Gatehouse, 1986					
6942RS36	Gatehouse, 1986					
6942RS55	Gatehouse, 1986					
6942RS56	Gatehouse, 1986					
6942RS57	Gatehouse, 1986					
6942RS58	Gatehouse, 1986					
6942RSS4	Sun, 1996					
6943RS2	Gatehouse, 1986					
6943RS3	Gatehouse, 1986					
940T52	Gatehouse, 1986					
940TS104	Gatehouse, 1986					
940TS11	Gatehouse, 1986					
940TS18	Gatehouse, 1986					
940TS21	Gatehouse, 1986					
940TS21A	Gatehouse, 1986					
940TS23	Gatehouse, 1986					
940TS25	Gatehouse, 1986					
HODGDOL	Vos & others, 2006	-16.47035	144.2698629	55	208380	8176889
KVD28	Vos & others, 2006	-16.93279	144.2487169	55	206828	8125652
KVD50	Vos & others, 2006	-16.93279	144.2487169	55	206828	8125652
M189	Vos & others, 2006	-16.52806	144.2474533	55	206073	8170466
MT BEN	Vos & others, 2006	-16.08549	144.4312704	55	225088	8219724
Mul03-01a	Vos & others, 2006	-16.21649	143.5651359	54	132591	8203863
Mul03-04a	Vos & others, 2006	-16.26666	144.1203658	55	192087	8199223
MULDOL	Vos & others, 2006	-17.20253	144.4742102	55	231247	8096110
PD1374	Vos & others, 2006	-15.80063	144.0739187	55	186390	8250760
PD1378	Vos & others, 2006	-15.79889	144.06527	55	185460	8250940
PD1424	Vos & others, 2006	-15.89392	144.0941283	55	188700	8240460
PD147	Vos & others, 2006	-16.25126	144.37828	55	219650	8201300
PD1588	Vos & others, 2006	-16.39437	144.2000074	55	200800	8185200
PD1641	Vos & others, 2006	-16.31391	144.1263429	55	192800	8194000
PD1642	Vos & others, 2006	-16.31934	144.1271988	55	192900	8193400
PD1643	Vos & others, 2006	-16.20731	144.1232206	55	192300	8205800
PD1644	Vos & others, 2006	-16.20361	144.1167321	55	191600	8206200
PD423	Vos & others, 2006	-16.31876	144.2255885	55	203420	8193610
PD455	Vos & others, 2006	-16.45158	144.2719974	55	208580	8178970

PD511	Vos & others, 2006	-16.34069	144.2587639	55	207000	8191230
PD546	Vos & others, 2006	-16.26641	144.0936598	55	189230	8199210
PD623	Vos & others, 2006	-16.44761	144.2173994	55	202740	8179330
PD646	Vos & others, 2006	-16.48483	144.3077573	55	212450	8175340
PD769B	Vos & others, 2006	-16.49617	144.3828666	55	220490	8174190
RCBAS	Vos & others, 2006	-17.08308	144.4220528	55	225521	8109263
VM03-01a	Vos & others, 2006	-17.11663	144.4083098	55	224107	8105529
6930-1	Preiss & Radke, 1989					
6930-3	Preiss & Radke, 1989					
6930-5	Preiss & Radke, 1989					
6930-6	Preiss & Radke, 1989					
DCC268	GSQ database					
DCC301	GSQ database					
RGMP355	GSQ database					

GDA94	Koonenberry Belt	Grey Range
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GDA94	Laura Basin	Kennedy Igr
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GDA94	Mount Windsor Subprovin	Pama Igneo
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Northern Murray Basin
Northern Murray Basin
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Northern Murray Basin

Kennedy Igr
Kennedy Igr
Kennedy Igr

Unit_Forma	Lithology	SiO2	TiO2	Al2O3
Truro Volcanics	Basalt	49.3	2.62	15.1
Truro Volcanics	Basalt	43	2.52	17.6
Truro Volcanics	Basalt	47.2	1.8	13.4
Truro Volcanics	Basalt	35.2	4.6	15.1
Truro Volcanics	Basalt	41.8	2.94	13.2
Truro Volcanics	Basalt	43.2	2.52	13.9
	GRANITE	74.9	0.23	12.7
	GRANITE	76.7	0.06	12.2
Judea Formation	BASALT ALT	56.71	0.5	11.45
Saddington Tonalite	BASALT	49.83	1.48	14.95
Saddington Tonalite	BASALT	47.97	1.19	13.73
Saddington Tonalite	BASALT		1.58	
Judea Formation	BASALT ?		1.77	
	GRANODIOF	62.8	0.71	14.4
	GRANODIOF	63.8	0.62	16.2
Kilmarnock Granodiorite	GRANODIOF	64.2	0.59	16.1
Sunny Park Granodiorite	GRANODIOF	64.2	0.59	16.1
Coquelicot Tonalite	TONALITE	58.4	0.7	15.9
Coquelicot Tonalite	TONALITE	60	0.68	15.8
Coquelicot Tonalite	QUARTZ DIC	61.4	0.68	16
Coquelicot Tonalite	TONALITE	60.5	0.64	15.6
	MONZODIO	51.77	1.1	16.46
Bathampton Metamorphics	SCHIST	67.73	0.88	15.42
	MONZODIO	53.96	1.09	14.27
	DIORITE	45.12	1.73	14.04
Bathampton Metamorphics	GREENSTON	60.18	0.78	13.71
Bathampton Metamorphics	SCHIST	67.27	0.82	14.52
Bathampton Metamorphics	GREENSTON	46.47	1.23	17.13
Bathampton Metamorphics	SCHIST	67.72	0.88	16.01
Bathampton Metamorphics	GREENSTON	48.21	2.28	13.21
Bathampton Metamorphics	GREENSTON	49.6	1.86	16.53
Bathampton Metamorphics	SCHIST	64.27	0.89	15.55
	MONZODIO	66.5	0.38	16.27
Bathampton Metamorphics	GREENSTON	53.43	1.73	14.3
Bathampton Metamorphics	SCHIST	71.66	0.74	13.63
Bathampton Metamorphics	SCHIST	46.92	1.22	14.1
Bathampton Metamorphics	SCHIST	47.8	1.38	14.3
Bathampton Metamorphics	SCHIST	63.82	0.49	8.45
Bathampton Metamorphics	SCHIST	65.67	0.87	16.08
Bathampton Metamorphics	SCHIST	52.99	0.96	13.22
Bathampton Metamorphics	SCHIST	64.78	0.72	10.1
Bathampton Metamorphics	SCHIST	48.81	1.33	13.8
Bathampton Metamorphics	SCHIST	66.3	0.89	16.12
Bathampton Metamorphics	SCHIST	64.65	0.92	16.99
Iron Hut Quartz Monzonite	MONZODIO	57.9	0.85	18.2
Iron Hut Quartz Monzonite	GRANODIOF	59.6	0.88	17
Carney Creek Quartz Diorite	MONZODIO	53.73	1.01	16.25
Bathampton Metamorphics	GREENSTON	43.7	1.26	15.6
Bathampton Metamorphics	SOAPSTONE	39.8	0.02	0.6
Bathampton Metamorphics	GREENSTON	43.9	1.22	13.9
Yan Can Greenstone Member	GREENSTON	39.4	1.21	13.7
Yan Can Greenstone Member	GREENSTON	42.9	1.22	13.3
Yan Can Greenstone Member	SCHIST	51.8	1.03	12.9
Yan Can Greenstone Member	GREENSTON	41.8	0.92	13.6

Yan Can Greenstone Member	GREENSTON	52.3	1.25	13.1
Bathampton Metamorphics	SCHIST	48.8	0.91	19.2
Bathampton Metamorphics	GREENSTON	48.2	0.94	12.5
Bathampton Metamorphics	GREENSTON	45.3	1.45	13.4
Anakie Metamorphic Group	QUARTZ DIC	68.8	0.24	14.3
Yan Can Greenstone Member	GREENSTON	47.3	1.18	13.9
	DIORITE ?	49.2	1.08	13
Bathampton Metamorphics	SCHIST	64.9	0.81	15.3
Rolfe Creek Schist	SCHIST	67	0.76	14.5
Sunny Park Granodiorite	MONZONITI	63.9	0.66	15.7
Bathampton Metamorphics	SCHIST	56.4	0.83	19.7
Bathampton Metamorphics	SCHIST	65.7	0.85	15.4
Yan Can Greenstone Member	GREENSTON	44.9	1.11	12.9
Rolfe Creek Schist	SCHIST	68.6	0.76	14.4
Rolfe Creek Schist	SCHIST	64	0.81	16.4
Bathampton Metamorphics	GREENSTON	41.2	0.76	15.2
Bathampton Metamorphics	PHYLLITE	63	0.8	16.6
Scurvy Creek Meta-arenite	ARENITE ME	68.6	0.66	14.1
Scurvy Creek Meta-arenite	ARENITE ME	69.3	0.95	13.3
Bathampton Metamorphics	PHYLLITE	55.6	0.93	20.3
Scurvy Creek Meta-arenite	ARENITE ME	74.2	0.62	11.2
Anakie Metamorphic Group	LISTWAENIT	32.5	-0.02	0.7
Iron Hut Quartz Monzonite	GRANODIOF	59.7	0.8	16.7
Annmore Quartz Monzodiorite	GRANODIOF	65.4	0.55	15.7
Retreat Granite (Suite)	GRANODIOF	58.4	0.69	17.2
Karmoo Quartz Diorite	TONALITE	72.3	0.26	14.4
Carney Creek Quartz Diorite	DIORITE	54.3	0.9	16.6
Karmoo Quartz Diorite	QUARTZ DIC	52.8	1.18	17.6
Karmoo Quartz Diorite	DIORITE ?	46.3	0.92	20.2
Karmoo Quartz Diorite	QUARTZ DIC	53.7	0.87	17.5
Karmoo Quartz Diorite	DIORITE	47.2	1.18	18.3
Karmoo Quartz Diorite	QUARTZ DIC	57.8	0.78	17.7
Karmoo Quartz Diorite	DIORITE	47.1	1.37	18.1
Mount Observatory Granite	GRANITE ?	70	0.38	14.3
Bathampton Metamorphics	GABBRO ME	49	0.98	5.3
Bathampton Metamorphics	AMPHIBOLI	43.8	2.82	11.3
Bathampton Metamorphics	GABBRO ME	45.3	1.37	6.7
Bathampton Metamorphics	CALC-SILICA	44	3.53	14.9
Bathampton Metamorphics	BASALT ME	48.9	2.36	12.2
	GRANITE	75	0.06	14.4
Bathampton Metamorphics	GABBRO ME	50.7	1.14	6.1
Bathampton Metamorphics	AMPHIBOLI	47.8	2.82	17.6
Bathampton Metamorphics	DOLERITE N	45.4	2.24	9.7
Bathampton Metamorphics	RHYOLITE N	73.2	0.1	14.6
Bathampton Metamorphics	GABBRO ME	46	1.7	7.9
Karin Granite	MICROGRAI	75.4	0.2	12.5
Retreat Granite (Suite)	GRANODIOF	67.8	0.41	15
Greybank Volcanics	BASALT	56	0.57	14.7
Mooramin Granite	GRANITE	67.6	0.63	15
	QUARTZ DIC	55.2	0.77	18.3
	QUARTZ DIC	55.5	0.71	16.4
Mooramin Granite	GRANITE	72	0.5	13.3
	GREENSTON	57.4	0.6	15.7
Anakie Metamorphic Group	MIGMATITE	68.7	0.83	14.1
Mooramin Granite	GRANITE	72.6	0.2	13.8
Karin Granite	MICROGRAI	76.4	0.17	12.5

	MICROGRA	76.2	0.19	12.2
Bathampton Metamorphics	Main	51.78	2.32	14.86
Bathampton Metamorphics	Main	46.13	1.17	13.05
Bathampton Metamorphics	Main	46.97	1.41	13.85
Bathampton Metamorphics	Yan Can	48.66	1.14	15.43
Bathampton Metamorphics	Serp	21.8	0.62	5.75
Bathampton Metamorphics	Main	44.96	1.28	14.63
Bathampton Metamorphics	Main	43.02	1.06	12.07
Bathampton Metamorphics	Yan Can	42.83	1.03	12.42
Bathampton Metamorphics	Yan Can	39.79	0.8	14.22
Bathampton Metamorphics	Main	61.94	1.04	12.32
Bathampton Metamorphics	Main	44.11	1.3	14.13
Bathampton Metamorphics	Yan Can	48.05	1.13	15.54
Bathampton Metamorphics	Serp	22.91	1.48	17.68
Bathampton Metamorphics	Serp	36.05	1.16	15.39
Bathampton Metamorphics	Serp	39.43	0.88	12.37
Bathampton Metamorphics	Serp	40.25	1.08	12.88
Bathampton Metamorphics	Serp	49.37	1.03	12.61
Bathampton Metamorphics	Serp	43.62	0.97	13.75
Bathampton Metamorphics	Serp	47.25	0.71	10.97
Keilambete Tonalite	TONALITE	60.5	0.71	16.9
Kilmarnock Granodiorite	GRANODIOF	64.1	0.63	15.7
Annmore Quartz Monzodiorite	QUARTZ MI	60	0.9	15.8
Iron Hut Quartz Monzonite	QUARTZ MC	67	0.52	15.1
Mount Newsome Granodiorite	GRANODIOF	72.2	0.24	14.3
Mount Newsome Granodiorite	TONALITE	62.7	0.58	16.5
Kilmarnock Granodiorite	GRANODIOF	66.4	0.44	14.7
Annmore Quartz Monzodiorite	QUARTZ DIC	55.8	0.9	17.9
Mount Newsome Granodiorite	GRANODIOF	65.3	0.51	15.7
Mount Newsome Granodiorite	GRANITE ?	64.9	0.54	16.3
Mount Observatory Granite	GRANITE	71.5	0.32	13.7
Kilmarnock Granodiorite	GRANODIOF	64.6	0.6	15.7
Kilmarnock Granodiorite	GRANODIOF	66	0.52	15.7
Kilmarnock Granodiorite	GRANODIOF	66.9	0.47	14.9
Mount Observatory Granite	GRANITE	71.3	0.36	13.8
Kilmarnock Granodiorite	GRANODIOF	69.4	0.42	14.2
Stevenson Quartz Monzodiorite	QUARTZ MI	61	0.71	16.1
Stevenson Quartz Monzodiorite	QUARTZ MI	60.7	0.74	15.4
Stevenson Quartz Monzodiorite	QUARTZ MI	58.1	0.82	16.6
Kilmarnock Granodiorite	GRANODIOF	66.3	0.56	14.8
Bevendale Granodiorite	GRANODIOF	61.5	0.62	16.5
Peak Vale Granodiorite	GRANODIOF	63.3	0.63	16
Peak Vale Granodiorite	QUARTZ MI	55.7	0.88	18.1
Peak Vale Granodiorite	GRANODIOF	65.1	0.55	15.4
Kilmarnock Granodiorite	GRANODIOF	69.2	0.4	14.5
Central Creek Granodiorite	GRANITE	70.3	0.3	14.5
Central Creek Granodiorite	GRANITE	69.9	0.35	14.3
Central Creek Granodiorite	GRANITE	69.5	0.41	14.5
Mount Newsome Granodiorite	GRANODIOF	65.5	0.53	15.5
Central Creek Granodiorite	GRANODIOF	70	0.4	14.2
Central Creek Granodiorite	GRANODIOF	71.7	0.23	14.7
Central Creek Granodiorite	GRANODIOF	68.6	0.36	15.3
Mount Newsome Granodiorite	GRANODIOF	64.7	0.55	15.7
Central Creek Granodiorite	GRANODIOF	70.2	0.26	15
Mount Newsome Granodiorite	GRANODIOF	67	0.45	15.3
Retreat Granite (Suite)	GRANITE	77.4	0.06	12.9

Mount Newsome Granodiorite	GRANODIOF 63	0.54	16.5
Mount Newsome Granodiorite	GRANODIOF 63.9	0.58	16.1
Kilmarnock Granodiorite	GRANODIOF 64.9	0.54	15.8
Central Creek Granodiorite	GRANODIOF 69.1	0.44	14.6
Kilmarnock Granodiorite	GRANODIOF 66.5	0.52	14.9
Mount Newsome Granodiorite	GRANODIOF 64.4	0.55	15.7
Kilmarnock Granodiorite	GRANODIOF 63.5	0.65	15.3
Kilmarnock Granodiorite	GRANODIOF 65.7	0.59	15
Kilmarnock Granodiorite	GRANODIOF 67.4	0.54	14.6
Llandillo Granite	GRANITE 73.7	0.2	13.2
Annmore Quartz Monzodiorite	QUARTZ MI 58.5	0.82	16.1
Annmore Quartz Monzodiorite	QUARTZ MI 58.8	0.7	18.8
Mount Newsome Granodiorite	GRANODIOF 65.5	0.49	15.8
Llandillo Granite	GRANITE 70.3	0.39	13.8
Peak Vale Granodiorite	GRANODIOF 64.7	0.57	15.9
Kilmarnock Granodiorite	GRANODIOF 63.5	0.63	15.8
Retreat Granite (Suite)	GRANITE 76.1	0.14	12.7
Kilmarnock Granodiorite	GRANITE 65.5	0.56	15.5
Whitdale Granodiorite	GRANODIOF 67.8	0.44	15.9
Mount Newsome Granodiorite	GRANODIOF 65	0.55	16.4
Mount Newsome Granodiorite	GRANODIOF 65.3	0.49	16.4
Kilmarnock Granodiorite	GRANODIOF 65.1	0.57	15.5
Central Creek Granodiorite	GRANITE 70.4	0.3	14.5
Retreat Granite (Suite)	MICROMON 62.49	0.69	16.35
Retreat Granite (Suite)	QUARTZ MI 58.21	0.94	17.27
Retreat Granite (Suite)	TRACHYAN 56.95	0.9	18.57
Retreat Granite (Suite)	GRANITE 67.1	0.55	14.54
Retreat Granite (Suite)	GRANODIOF 65.98	0.62	15.19
Retreat Granite (Suite)	GRANITE 73.94	0.12	14.44
Retreat Granite (Suite)	GRANODIOF 64.39	0.67	15.27
Retreat Granite (Suite)	GRANODIOF 63.4	0.69	15.33
Retreat Granite (Suite)	DIORITE 53.99	0.9	20.22
Retreat Granite (Suite)	GRANODIOF 66.17	0.63	15.16
Retreat Granite (Suite)	DIORITE 58.17	0.73	16.45
Retreat Granite (Suite)	QUARTZ MI 52.83	1.02	16.48
Bellenden Ker Granite	GRANODIOF 67.1	0.8	14.4
Bellenden Ker Granite	GRANODIOF 67.9	0.77	14.6
Bellenden Ker Granite	GRANITE 69.8	0.6	14.2
Bellenden Ker Granite	GRANITE 68.3	0.56	15.2
	GABBRO 48.4	1	19.8
	AMPHIBOL 49.2	1.6	17.1
Barnard Metamorphics	AMPHIBOL 48.9	0.44	14.4
Barnard Metamorphics	GREENSCH 48.3	1.52	11.6
Barnard Metamorphics	AMPHIBOL 48.9	1.62	14.2
Barnard Metamorphics	GREENSTON 48.7	0.96	17.6
Barnard Metamorphics	ARENITE 90.8	0.31	4.2
Barnard Metamorphics	ARENITE 90.1	0.29	4.8
Barnard Metamorphics	ARENITE 80.5	0.52	8.6
Barnard Metamorphics	ARENITE 85.9	0.4	6.6
Suite 2	Metadolerit 51.3	1.47	14.6
Suite 2	Metadolerit 50	1.32	15.1
Suite 2	Metadolerit 49.2	1.5	14.7
Suite 2	Metadolerit 50.8	1.51	14.9
Suite 2	Metadolerit 48.9	2.58	13.4
Suite 2	Metadolerit 52.4	1.42	14.5
Suite 2	Metadolerit 50.2	1.51	14.7

Suite 2	Metadolerit	51.3	1.43	14.1
Suite 2	Metadolerit	53.5	1.33	14
Suite 2	Rhyolite	72.8	0.26	11.4
Suite 2	Metadolerit	54.6	1.3	14.4
Suite 2	Metadolerit	56.4	1.69	13.9
Suite 2	Metadolerit	56.3	1.65	14
Suite 2	Metadolerit	55.1	1.73	14.1
Suite 1	Metadolerit	51	0.93	17.5
Suite 1	Metadolerit	53	0.8	18.5
Suite 1	Metadolerit	52.5	0.78	17.5
Suite 1	Metadolerit	47	1.7	18
Suite 1	Metadolerit	45.8	3.5	11
Suite 1	Metadolerit	45.4	1.54	16.8
Suite 1	Basalt	45.6	3.02	16.2
Suite 1	Basalt	45.4	3.98	16.6
Suite 1	Basalt	37	4	16
Suite 1	Basalt	45.9	2.86	15.1
Suite 1	Basalt	57.3	1.6	15.5
Suite 1	Basalt	42.8	2.74	14.7
Suite 1	Basalt	46.2	2.42	14.2
Cir-Kennedy Province	DACITE	75.21	0.25	12.61
Pall Mall Granite	GRANITE	72.2	0.24	14.9
Mount Sugarloaf Igneous complex	GRANITE	74.26	0.19	13.64
Mingoom Granite	GRANITE	68.4	0.33	15
Mingela Granodiorite, some Kitty O'Shea Suite	TONALITE ?	69.7	0.5	13.7
Watershed North Rhyolite/1	IGNIMBRITE	78.1	0.06	11.8
Speed Creek Granite/2	GRANODIOF	69.9	0.43	14.2
Watershed North Rhyolite/1	TUFF	73.8	0.24	14.2
Pall Mall Granite	GRANITE	74.5	0.21	13.6
Pall Mall Granite	GRANITE	74.4	0.19	13.6
Watershed North Rhyolite/1	IGNIMBRITE	73.2	0.33	14.6
Cg/p-8159	MICROGRAI	76.9	0.11	12.6
Cg/p-8159	MICROGRAI	76.1	0.07	12.6
Mingoom Granite	GRANITE	76.9	0.14	12.3
River View Granodiorite	GRANODIOF	58.1	0.7	16
Kitty O'Shea Suite	GABBRO	45.1	0.11	20.8
CPg/d-8159	TONALITE	69.1	0.4	15.1
OSg/gd-western Ravenswood Batholith	GRANODIOF	60.35	0.55	15.74
CPg\h-SE55	GRANITE	73.9	0.2	13.9
CPg\h-SE55	GRANITE	76	0.11	13.3
Blisters Swamp Granite?	GRANITE	59.51	0.83	16.38
Blisters Swamp Granite?	GRANITE	56.17	0.94	16.87
Blisters Swamp Granite?	GRANITE	64.7	0.62	15.27
Blisters Swamp Granite?	GRANITE	76.15	0.12	12.49
Kitty O'Shea Suite	BRECCIA	54.3	0.7	17.1
Emysland Granodiorite	GRANODIOF	66.4	0.48	15.7
Kitty O'Shea Suite	GABBRO	48.8	0.98	20.2
Emysland Granodiorite	GRANITE	76.5	0.15	12.3
Kitty O'Shea Suite	DIORITE	50.5	1.24	16.7
Emysland Granodiorite	GRANITE	77	0.05	12.4
Emysland Granodiorite	GRANODIOF	66.2	0.4	15.9
Emysland Granodiorite	DIORITE	49.6	1.23	18.2
Emysland Granodiorite	GRANODIOF	57.1	0.85	18.6
Emysland Granodiorite	GRANITE	73	0.27	14
Emysland Granodiorite	GRANITE	73.1	0.24	14.1
Emysland Granodiorite	GRANITE	76.6	0.15	12.2

Speed Creek Granite	GRANITE	70.6	0.34	15
Emysland Granodiorite	GRANITE	76.5	0.15	12.2
Paynes Lagoon Amphibolite	AMPHIBOLITE	45.6	1.72	15.2
Mingoom Granite	GRANITE	76.3	0.16	12.6
Perry Creek Formation/v	BASALT ALT	48.8	1.71	13.4
Perry Creek Formation/v	BASALT	46.4	1.81	15
Greenvale Formation/v	DACITE ?	66	0.64	14.7
Greenvale Formation	BASALT ?	50.7	0.3	14.2
Everetts Creek Volcanics	BASALT ?	52.3	0.83	15.7
Greenvale Formation/v	BASALT	48.9	1.58	14.1
Greenvale Formation/v	BASALT	49.2	1.49	14.3
Greenvale Formation/v	BASALT	48.9	0.85	15.2
Perry Creek Formation	BASALT	45.2	1.91	17
Wairuna Formation	ANDESITE	57	0.55	18
Everetts Creek Volcanics	BASALT ?	52.5	1.5	14
Everetts Creek Volcanics	DACITE	70.6	0.53	13.2
Carriers Well Formation?	BASALT ALT	45.7	1.5	14.8
Carriers Well Formation?	KERATOPHY	70.3	0.54	11.9
Kallanda Granite	GRANITE	76.7	0.11	12.2
Wairuna Formation/v	BASALT ALT	43.2	1.4	12.8
Wairuna Formation/v	BASALT ALT	48	1.9	12.9
Pelican Range Formation	BASALT ALT	47.8	1.7	13.6
Kallanda Granite	GRANITE	76.9	0.07	12.2
Kallanda Granite	GRANITE	75.6	0.12	12.5
White Crystal Granite	GRANITE	76.9	0.07	12
Poison Creek Granite	GRANITE	73.4	0.25	13.3
West Creek Diorite	DIORITE	62.9	0.63	16.5
Poison Creek Granite	GRANITE	76.8	0.11	11.8
Kallanda Granite	GRANITE	76.3	0.08	12.1
Mount Grey Granite	GRANITE	74.4	0.13	13.2
Kallanda Granite	GRANITE	75.3	0.11	12.6
Kallanda Granite	GRANITE	75.5	0.16	12.4
Kangaroo Hills Formation/2	HORNFELS	75.5	0.16	12.4
Mount Grey Granite	GRANITE	72.3	0.22	13.9
Mount Grey Granite	GRANITE	73.2	0.26	13
Kallanda Granite	GRANITE	75.4	0.15	12.4
Kallanda Granite	GRANITE	76.9	0.06	11.8
Kallanda Granite	GRANITE	73	0.22	13.7
Mount Grey Granite	GRANITE	72.2	0.27	13.8
Mount Grey Granite	GRANITE	73.2	0.19	13.7
Ingham Granite Complex	GRANITE	75.7	0.14	12.3
Poison Creek Granite	GRANITE	76.1	0.13	12.2
Ryeburn Quartz Diorite	DIORITE	60	0.87	16.8
Poison Creek Granite	GRANITE	75.1	0.22	12.4
White Crystal Granite	GRANITE	76.4	0.09	12.2
Ryeburn Quartz Diorite	DIORITE ?	66.4	0.5	15.1
Mount Grey Granite	GRANITE	74.7	0.15	13.1
DCg-Camel Creek	GRANODIORITE	67.1	0.75	15.31
Mount Grey Granite	MONZOGRA	75	0.16	13.43
Poison Creek Granite	GRANITE	76.4	0.14	12.43
White Crystal Granite	GRANITE LE	77.6	0.04	12.24
Ingham Granite Complex	MONZOGRA	73.6	0.3	13.34
Poison Creek Granite	MONZOGRA	73.1	0.26	13.04
Oweenee Rhyolite	DACITE	73.63	0.3	13
Oweenee Rhyolite	DACITE	72.82	0.36	13.49
Malmesbury Microgranite	MICROGRA	70.65	0.42	13.98

Wallaman Falls Volcanics	DACITE	67.09	0.8	14.46
Wallaman Falls Volcanics	GRANODIOLITE	76.88	0.17	11.94
Ingham Granite Complex	GRANITE	72.3	0.37	14.06
Wallaman Falls Volcanics	RHYOLITE	75.05	0.19	12.66
Wallaman Falls Volcanics	ANDESITE	77.21	0.23	11.29
Wallaman Falls Volcanics	RHYOLITE	77.25	0.07	12.06
Wallaman Falls Volcanics	DACITE	72.73	0.36	13.21
Wallaman Falls Volcanics	TRACHYTE	73.16	0.37	13.49
Wallaman Falls Volcanics	TRACHYTE	68.76	0.55	15.44
Wallaman Falls Volcanics	RHYOLITE	77.17	0.13	11.89
Wallaman Falls Volcanics	RHYOLITE	68.83	0.5	13.75
Wallaman Falls Volcanics	RHYOLITE	68.19	0.52	13.74
Ingham Granite Complex	GRANITE	77.16	0.06	12.22
Wallaman Falls Volcanics	RHYOLITE	74.4	0.18	13.08
Wallaman Falls Volcanics	RHYOLITE	72.39	0.3	13.83
Wallaman Falls Volcanics?	RHYOLITE	73.14	0.21	13.35
Wallaman Falls Volcanics?	RHYOLITE	76.03	0.11	12.02
Everetts Creek Volcanics?	ANDESITE ?	70.6	0.32	10.9
Everetts Creek Volcanics?	ANDESITE ?	60.1	0.4	12.5
Carriers Well Formation		72.5	0.5	12.3
Carriers Well Formation		55	0.84	17
Carriers Well Formation		64.6	0.53	14.2
Carriers Well Formation		64.6	0.73	15.7
	GRANITE	68.9	0.34	13.72
Everetts Creek Volcanics		69.8	0.5	12.5
Everetts Creek Volcanics		49.8	1.38	14.4
Everetts Creek Volcanics		82.5	0.13	9.07
Everetts Creek Volcanics		70.5	0.38	11.2
Everetts Creek Volcanics		78.2	0.19	11.2
Everetts Creek Volcanics		81	0.16	9.57
Everetts Creek Volcanics		79.8	0.12	11.7
Everetts Creek Volcanics		55.8	1.07	16.3
Everetts Creek Volcanics		61.5	0.6	15.3
Everetts Creek Volcanics		49.3	0.58	10.2
Everetts Creek Volcanics		46	0.8	17.2
Everetts Creek Volcanics		57	0.86	15
Everetts Creek Volcanics		61.8	0.56	14.3
Everetts Creek Volcanics		59.2	0.46	10.3
Everetts Creek Volcanics		53.8	0.83	17.4
Everetts Creek Volcanics		67.8	0.52	13.7
Everetts Creek Volcanics		57.3	0.65	13.9
Everetts Creek Volcanics		57.7	0.62	15.8
Everetts Creek Volcanics		50.2	0.63	15.4
Carriers Well Formation		54.65	1.04	19.92
Carriers Well Formation		69.09	0.55	15.13
Carriers Well Formation		69.75	0.54	15.05
Carriers Well Formation		54.38	1.05	17.51
Carriers Well Formation		56.82	0.83	17.16
Everetts Creek Volcanics		58.4	0.66	17.7
Carriers Well Formation		56.32	0.89	16.82
Everetts Creek Volcanics		55.89	0.83	16.36
Everetts Creek Volcanics		59.95	0.54	13.72
Everetts Creek Volcanics		58.99	0.93	16.23
Everetts Creek Volcanics		53.82	0.79	16.31
Everetts Creek Volcanics		57.65	0.74	17.23
Everetts Creek Volcanics		47.49	0.66	15.45

Everetts Creek Volcanics		61.19	0.6	16.07
Everetts Creek Volcanics		56.95	0.84	15.72
Everetts Creek Volcanics		45.29	0.56	15.1
Everetts Creek Volcanics		58.68	0.71	15.63
Everetts Creek Volcanics		60.97	0.7	15.33
Everetts Creek Volcanics		60.06	0.89	15.13
Carriers Well Formation		72.29	0.52	13.61
Carriers Well Formation		61.9	0.6	15.5
Carriers Well Formation		70.06	0.56	14.69
Carriers Well Formation		57.56	0.89	15.36
Carriers Well Formation		55.12	1.47	14.73
Wallaman Falls Volcanics?	IGNIMBRITE	76.7	0.1	12.7
Wallaman Falls Volcanics	IGNIMBRITE	77.4	0.12	12.5
Wallaman Falls Volcanics	IGNIMBRITE	77.9	0.1	11.8
Wallaman Falls Volcanics	IGNIMBRITE	76.7	0.1	12.8
Wallaman Falls Volcanics?	IGNIMBRITE	73.1	0.2	13.5
Wallaman Falls Volcanics?	IGNIMBRITE	76.1	0.14	12.3
Wallaman Falls Volcanics?	IGNIMBRITE	77.4	0.1	12
Ingham Granite Complex	MICROGRA	73.3	0.3	12
Ingham Granite Complex	GRANITE	74.5	0.18	13.4
Wallaman Falls Volcanics	MICROGRA	68.1	0.68	14.6
Sword Creek Microgranite	RHYOLITE	76.8	0.16	12
Ingham Granite Complex	GRANITE	72.3	0.36	14.3
Wallaman Falls Volcanics	RHYOLITE	75	0.18	12.9
Wallaman Falls Volcanics	RHYOLITE	77.1	0.22	11.3
Wallaman Falls Volcanics	IGNIMBRITE	77.2	0.08	12.2
Wallaman Falls Volcanics	BRECCIA	72.3	0.34	13.3
Wallaman Falls Volcanics	RHYOLITE	73.1	0.34	13.7
Wallaman Falls Volcanics	TRACHYTE	68.5	0.54	15.7
Wallaman Falls Volcanics	RHYOLITE	77.3	0.12	12
Wallaman Falls Volcanics	IGNIMBRITE	68.5	0.5	14.2
Wallaman Falls Volcanics	IGNIMBRITE	67.9	0.52	13.9
Ingham Granite Complex	GRANITE	76.7	0.06	12.4
Wallaman Falls Volcanics	IGNIMBRITE	74.7	0.2	13
Wallaman Falls Volcanics	IGNIMBRITE	73.3	0.28	13.7
Ingham Granite Complex	MICROGRA	74.6	0.3	12.9
White Crystal Granite	GRANITE	77.1	0.08	12.3
White Crystal Granite	GRANITE	76.9	0.06	12.6
Poison Creek Granite	GRANITE	74.3	0.24	12.9
West Creek Diorite	GRANODIOF	67.5	0.44	15.5
West Creek Diorite	MICROGRA	70.3	0.44	14.9
West Creek Diorite	GRANODIOF	67.6	0.44	15.1
West Creek Diorite	MICROGRA	72.5	0.34	14.3
West Creek Diorite	GRANITE	74.8	0.18	13.3
Bewilder Granite	GRANODIOF	69	0.52	15.3
Ingham Granite Complex	GRANODIOF	66.9	0.5	17.1
Ingham Granite Complex	GRANITE	74.1	0.28	13.6
Ingham Granite Complex	MONZOGRA	72	0.38	14.3
Ingham Granite Complex	GRANITE	72.6	0.34	13.8
	GRANITE	75.1	0.22	13.5
	GRANITE	71.8	0.32	14.7
	MONZOGRA	69.3	0.5	15.1
	MONZOGRA	72.8	0.3	14
	IGNIMBRITE	74.1	0.26	12.9
	IGNIMBRITE	69.5	0.52	14.2
	GRANODIOF	74.8	0.2	12.8

	IGNIMBRITE	74.2	0.28	13
	TONALITE	69.3	0.52	14.7
	GRANODIOF	74.5	0.16	13.1
	MICROGRA	65.3	0.72	15.6
	IGNIMBRITE	77.3	0.12	11.7
	MICROGRA	75.6	0.24	12.7
	MICROGRA	74.1	0.18	13.4
	GRANITE	77.3	0.1	12.5
	MONZOGRA	75.7	0.12	13.2
	MICROGRA	76.2	0.12	12.9
	MONZOGRA	75.8	0.16	13
	GRANITE	75.5	0.18	13
	MONZOGRA	75.5	0.18	12.9
	APLITE	77	0.1	12.6
Everetts Creek Volcanics	BASALT	55.29	0.84	17.6
Everetts Creek Volcanics	BASALT	0	1.33	0
Everetts Creek Volcanics	BASALT	54.4	0.91	15.16
Wairuna Formation/v	BASALT	0	1.65	0
Wairuna Formation/v	BASALT ?	0	2.33	0
Wairuna Formation/v	BASALT	49.95	1.37	13.13
Wairuna Formation/v	BASALT	0	0.91	0
Wairuna Formation/v	BASALT	0	1.37	0
Wairuna Formation/v	BASALT	0	0.82	0
Dora Granite	GRANITE	75.5	0.05	13.2
Wairuna Formation		55.9	0.59	14
Wairuna Formation		71.6	0.38	15.2
Wairuna Formation		47.8	1.24	14.6
Wairuna Formation		71.9	0.63	13.4
Wairuna Formation		73.3	0.46	12.7
Wairuna Formation		56	0.68	14.3
Wairuna Formation		68.7	0.53	11.3
Burns Granite	GRANITE	72.21	0.26	14.55
	GRANITE	75.67	0.2	12.16
	GRANITE	75.67	0.2	12.16
	GRANITE	72.93	0.23	13.33
King Junction Granite	GRANITE	73.5	0.08	14.9
Mitchell River Volcanics	DACITE	64.4	1.05	15.1
Flyspeck Granodiorite	GRANODIOF	68.5	0.48	15.5
Flyspeck Granodiorite	GRANODIOF	74.5	0.15	13.9
Flyspeck Granodiorite	GRANODIOF	75.5	0.12	13.6
Flyspeck Granodiorite	GRANODIOF	74.7	0.11	13.4
Flyspeck Granodiorite	GRANODIOF	69.9	0.53	14.2
	GRANODIOF	63.9	0.48	16.9
	GRANITE	63.9	0.48	16.9
Scardons Volcanic Group	RHYOLITE	73.8	0.14	13.3
Scardons Volcanic Group	RHYOLITE	76.8	0.08	12.1
Galloway Volcanics	RHYOLITE	71.6	0.22	13.3
	ANDESITE	60.2	1.45	14.7
Mount Windsor Volcanics	Basalt	51.98	1.06	16
Puddler Creek Formation Volcanics	Porphyry dy	68.69	0.49	14.34
Puddler Creek Formation Volcanics	Porphyry dy	73.89	0.36	13.1
Trooper Creek Formation	Basalt	52.48	1.01	15.94
Puddler Creek Formation Volcanics	Leucocratic	75.12	0.3	12.75
Trooper Creek Formation	Andesite	54.01	1.27	16.71
Puddler Creek Formation Volcanics	Porphyry dy	77.34	0.1	11.9
Trooper Creek Formation	Andesite	56.86	1.45	15.97

Puddler Creek Formation Volcanics	Dolerite intr	51.8	1.96	14.22
Trooper Creek Formation	Andesite	57.84	0.76	15.76
Puddler Creek Formation Volcanics	Dolerite intr	49.46	0.97	15.73
Trooper Creek Formation	Andesite	62.29	0.73	13.81
Puddler Creek Formation Volcanics	Dolerite intr	50.97	1.52	14.64
Trooper Creek Formation	Andesite	62.42	1.09	14.34
Mount Windsor Volcanics	Rhyolite	65.67	0.97	12.98
Mount Windsor Volcanics	Andesite	68.9	0.33	14.17
Trooper Creek Formation	Rhyolite	71.3	0.71	12.26
Trooper Creek Formation	Rhyolite	75.85	0.37	12.57
Trooper Creek Formation	Rhyolite	76.1	0.36	11.98
Mount Windsor Volcanics	Rhyolite	76.29	0.12	12.39
Trooper Creek Formation	Rhyolite	79.71	0.19	10.5
Mount Windsor Volcanics	Rhyolite	80.95	0.16	9.12
Trooper Creek Formation	Rhyolite	83.61	0.12	8.78
Spinifex Creek Granite	GRANITE	76.3	0.08	12.6
Macauley Creek Granite	GRANITE	76.8	0.1	12.2
Coane Range Granite Complex	LEUCOGRAN	76.3	0.1	12.2
Charters Towers Metamorphics	CALC-SILICA	73.8	0.12	14.1
Running River Metamorphics/a	AMPHIBOLIT	49.6	0.57	15.1
Square Post Granite	GRANITE	70.18	0.38	14.52
Square Post Granite	MICROGRAN	67.99	0.56	14.71
Crimea Granite	GRANITE	77.23	0.11	12.22
Mingela Granodiorite	GRANODIOL	60.68	0.57	16.37
Drinkwater Diorite	DIORITE	51.7	0.83	17.3
Mount Boddington Granite	GRANODIOL	74.4	0.19	13.2
Mount Boddington Granite	GRANODIOL	76.6	0.1	12.4
Mount Boddington Granite	GRANITE	76.4	0.13	12.5
Lavery Creek Granite	GRANITE	77.3	0.06	12.3
Piano Gully Granodiorite	GRANODIOL	68.3	0.48	14.4
Lavery Creek Granite?	DIORITE	53.6	0.46	13.9
Piano Gully Granodiorite?	GRANITE	74.6	0.15	13.6
ODg/d-Ravenswood Batholith	DIORITE	56.3	0.64	18.3
Piano Gully Granodiorite?	ANDESITE	56.3	0.64	18.3
Columbia Creek Complex	GRANODIOL	62.2	0.56	18.2
Urdera Granodiorite/d	DIORITE	54.1	1.03	17.3
Mount Boddington Granite	GRANITE	76.5	0.09	12.6
Mount Boddington Granite	GRANODIOL	75.6	0.15	13
Lavery Creek Granite?	DIORITE	51.3	0.86	17.9
Macrossan Gabbro	QUARTZ DIC	60.4	0.59	15.8
Heathfield West Tonalite	GRANODIOL	60.4	0.59	15.8
Heathfield West Tonalite	GRANITE	71.8	0.23	14
Heathfield West Tonalite	GRANODIOL	62.1	0.56	15.8
Heathfield West Tonalite	GRANODIOL	61.2	0.54	16.6
CPa-8257	ANDESITE	58.7	1.03	16.6
Heathfield West Tonalite/d	DIORITE	53.2	0.38	17.4
Macrossan Gabbro	DIORITE	52.2	0.82	16.3
Sunburst Granodiorite?	DIORITE	52.5	0.37	16.7
Heathfield West Tonalite	GABBRO ?	43	1.6	19
Heathfield West Tonalite	GRANODIOL	48.5	0.23	26
Bucklands Hill Diorite	GABBRO ?	50.5	0.9	15.2
SDg-Ravenswood Batholith	QUARTZ DIC	58	0.69	17
Towers Hill Granite	GRANODIOL	68.1	0.6	15.5
Towers Hill Granite	GRANODIOL	69.8	0.45	14.4
Balfes Creek Granodiorite	GRANODIOL	63.7	0.51	16.4
Towers Hill Granite	GRANODIOL	72.3	0.26	14.2

ODg/d-Ravenswood Batholith	GABBRO ? 46.3	1.06	20.3
La Villa Igneous Complex	DIORITE 53.5	1.05	17.7
Hogsflesh Creek Granodiorite	GRANODIOF 70.6	0.4	14.3
Sunburst Granodiorite	GRANODIOF 62.9	0.55	13.7
Broughton River Granodiorite\m	GRANODIOF 58.7	0.75	16.3
Broughton River Granodiorite\m	GRANODIOF 58.4	0.81	16.1
Carlyon Creek Complex	GRANODIOF 72.4	0.2	14.4
Boatswain Granodiorite	GRANODIOF 67.2	0.41	15.7
Coane Range Granite Complex	GRANITE 77	0.11	11.9
Cg/p-8059	GRANITE 73.2	0.2	13.4
Cg/p-8059	GRANITE ? 73.2	0.22	13.6
Spinifex Creek Granite	GRANITE 75.6	0.06	13.1
Macauley Creek Granite	GRANODIOF 76.8	0.09	12.3
Spinifex Creek Granite	GRANITE 76.1	0.12	12.4
Coane Range Granite Complex	MICROGRAI 77.1	0.06	12.4
Coane Range Granite Complex	GRANITE 76.7	0.06	12.5
Spinifex Creek Granite	GRANITE 76.7	0.11	12.1
Spinifex Creek Granite	GRANITE 77.2	0.07	12
Running River Metamorphics/a	AMPHIBOLI ⁻ 41	1.01	24.1
Running River Metamorphics/a	AMPHIBOLI ⁻ 41	1.33	23.1
Running River Metamorphics/a	AMPHIBOLI ⁻ 46.4	1.9	11.8
Running River Metamorphics/a	AMPHIBOLI ⁻ 49.5	0.54	15.1
Running River Metamorphics/a	AMPHIBOLI ⁻ 44.9	2.55	13.2
Paluma Rhyolite	IGNIMBRITE 72.8	0.25	14
Clemant Microgranite	MICROGRAI 73.2	0.25	13.6
Saint Giles Volcanics?	ANDESITE 62.5	1.07	16
La Villa Igneous Complex	DIORITE 46.9	0.23	20.1
Urdera Granodiorite	GRANODIOF 58.6	0.77	17.2
ODg/d-Ravenswood Batholith	GABBRO 49.8	0.58	8.1
SDg-Ravenswood Batholith	GRANODIOF 65.3	0.39	15.6
SDg-Ravenswood Batholith	GRANITE 68.3	0.28	15.4
Bucklands Hill Diorite	DIORITE 50.5	1.13	15.7
Centauri Granodiorite	GRANODIOF 66.4	0.41	16.6
Powlathanga Tonalite	GRANODIOF 59.8	0.75	16.5
Schreibers Granodiorite	GRANITE 67.4	0.46	15.1
Broughton River Granodiorite	GRANODIOF 49.8	0.88	19.1
Centauri Granodiorite	GRANITE ? 68.7	0.35	15.7
Broughton River Granodiorite	GRANODIOF 66.2	0.39	16
Powlathanga Tonalite	GRANODIOF 52.4	0.66	15.8
Argentine Metamorphics/sa	AMPHIBOLI ⁻ 48.1	1.42	16
Argentine Metamorphics/a	AMPHIBOLI ⁻ 47.5	1.73	14
Argentine Metamorphics/a	AMPHIBOLI ⁻ 48.3	1.27	14.8
Argentine Metamorphics/a	AMPHIBOLI ⁻ 46	2.81	14.3
Argentine Metamorphics/a	AMPHIBOLI ⁻ 50	0.5	6.2
Melon Creek Tonalite	GRANODIOF 65.4	0.53	16.8
Holborn Granodiorite	GRANODIOF 68.1	0.28	16.8
Paynes Lagoon Amphibolite	AMPHIBOLI ⁻ 48.5	2.33	14.8
Paynes Lagoon Amphibolite	AMPHIBOLI ⁻ 47.9	2.6	17.4
CPg/i-8258	GRANITE 76.7	0.15	12.4
CPg/a-8159	GRANITE 77.2	0.06	12.3
Saint Giles Volcanics	IGNIMBRITE 73.7	0.25	12.7
Rollingstone Granite	GRANITE 76.6	0.15	12.3
Paluma Rhyolite	IGNIMBRITE 72.2	0.37	14.2
Mingela Granodiorite	GRANODIOF 64.4	0.43	15.9
ODg/d-8158	GABBRO 45.5	0.89	19.8
River View Granodiorite	GRANODIOF 65.6	0.58	15.5

River View Granodiorite	GNEISS	75.9	0.19	12.8
River View Granodiorite	GRANODIOF	62.8	0.49	16.3
Chipley Granite	GRANITE	75.5	0.1	13.5
Lavery Creek Granite	GRANITE	75.1	0.15	12.9
Lavery Creek Granite	GRANITE	67.4	0.49	14.8
River View Granodiorite	GRANITE ?	67.1	0.36	15.1
Meadowvale Granodiorite	GRANODIOF	67.1	0.41	15.1
Meadowvale Granodiorite	GRANODIOF	67.1	0.41	14.9
Lavery Creek Granite	GRANITE	70.9	0.27	14.4
River View Granodiorite	GRANODIOF	58.1	0.83	16.1
Lavery Creek Granite	ADAMELLITI	63.8	0.47	15
ODg/d-Ravenswood Batholith	GABBRO	48.8	0.77	20.6
Charters Towers Metamorphics?	GRANODIOF	68.3	0.35	15.1
Lavery Creek Granite	GRANITE	77.4	0.08	12
Lavery Creek Granite	GRANITE	71	0.32	14.2
Mingela Granodiorite	GRANODIOF	65.6	0.46	15.7
Lavery Creek Granite	GRANITE	70.8	0.32	13.8
Mingela Granodiorite	GRANODIOF	61.4	0.66	16.3
Mingela Granodiorite	GRANITE	71	0.45	13.7
Mingela Granodiorite	GRANODIOF	58.9	0.69	16.1
Lavery Creek Granite	GRANITE	71.9	0.26	13.7
Kallanda Granite	GRANITE	76.3	0.09	12.5
Paynes Lagoon Amphibolite	AMPHIBOLITE	40.1	4.31	12.6
Holborn Granodiorite	GRANODIOF	71.4	0.26	15.1
Melon Creek Tonalite	GRANODIOF	64.8	0.54	17
Og-Ravenswood Batholith	QUARTZ DIC	59.7	0.71	16
Sunburst Granodiorite	GRANODIOF	67.3	0.43	13.5
Charters Towers Metamorphics/m	GRANODIOF	72.8	0.29	14.3
Amarra Granite	GRANITE	75.7	0.06	14.1
Seventy Mile Range Group?	GNEISS	76	0.16	12.5
Amarra Granite?	GRANITE	76.4	0.05	13.6
Coane Range Granite Complex	GRANITE	76.2	0.13	11.9
Coane Range Granite Complex	GRANITE	76.3	0.07	12.2
Jacobsens Track Granodiorite	GRANITE	64.9	0.66	15.9
Jacobsens Track Granodiorite	GRANITE	65.8	0.61	15.7
Cape River Metamorphics	Amphibolite	47.73	1.1	14.63
Cape River Metamorphics	Amphibolite	48.48	1.25	15.65
Cape River Metamorphics	Amphibolite	41.81	0.48	8.51
Cape River Metamorphics	Amphibolite	53.51	0.6	14.88
Jacobsens Track Granodiorite	MONZOGRA	70.7	0.39	14.41
Sg/g-Reedy Springs Batholith	GRANODIOF	71.4	0.22	15.27
Upland Granodiorite	GRANODIOF	70.3	0.27	15.53
Mingela Granodiorite	GRANODIOF	62.35	0.54	16.18
Stannett Creek Gabbro	GABBRO LEI	46.48	0.22	25.52
Towers Hill Granite	GRANODIOF	68.65	0.57	14.73
Millchester Creek Tonalite	TONALITE	64.7	0.41	15.73
Sunburst Granodiorite	GRANODIOF	66.53	0.44	14.92
Balfes Creek Granodiorite\d	QUARTZ DIC	52.82	0.75	17
Heathfield West Tonalite	GRANODIOF	62.61	0.54	15.44
Tuckers Igneous Complex/1	QUARTZ MI	57.96	1.16	16.52
CPa-8257	ANDESITE	56.09	1.21	16.81
Tuckers Igneous Complex/1	GRANODIOF	62.04	0.87	15.95
CPa-8257	ANDESITE	58.47	1.06	16.54
Tuckers Igneous Complex/1	GRANODIOF	62.44	0.86	15.97
Tuckers Igneous Complex/1	GRANODIOF	58.06	1.14	16.49
Heathfield West Tonalite	GRANODIOF	62.42	0.49	16.34

Tuckers Igneous Complex/2	TONALITE	58.81	0.99	16.43
Two Mile Granite	ADAMELLITI	67.47	0.43	14.99
Kirklea Granite	ADAMELLITI	75.35	0.18	12.71
Kirklea Granite	ADAMELLITI	75.39	0.16	12.9
Crescent Granodiorite	ADAMELLITI	67.49	0.39	15.15
Malmesbury Microgranite	MICROGRAI	70.53	0.41	13.9
Oweenee Rhyolite	IGNIMBRITE	73.21	0.26	13.19
Macauley Creek Granite	GRANITE	75.91	0.11	12.4
Paluma Rhyolite	IGNIMBRITE	72.53	0.34	13.22
Spinifex Creek Granite	GRANITE	76.09	0.07	12.02
Macauley Creek Granite	GRANITE	75.81	0.12	12.46
Millchester Creek Tonalite	GRANODIOF	66.65	0.38	16.09
Millchester Creek Tonalite	TONALITE	64.52	0.42	16.25
Columbia Creek Complex	GRANODIOF	70.62	0.36	14.56
Glenell Granodiorite	GRANODIOF	65.81	0.54	14.8
Kirklea Granite	GRANITE	75.78	0.11	12.57
Glenell Granodiorite	GRANODIOF	66.71	0.51	14.93
Glenell Granodiorite	HORNFELS	56.03	1.4	17.49
Towers Hill Granite	GRANODIOF	71.55	0.44	13.74
Broughton River Granodiorite	GRANODIOF	63.03	0.54	15.78
Towers Hill Granite	ADAMELLITI	73.59	0.25	13.25
Towers Hill Granite	ADAMELLITI	72.99	0.25	13.49
Hogsflesh Creek Granodiorite	GRANODIOF	70.71	0.4	13.94
Hogsflesh Creek Granodiorite	GRANODIOF	70.01	0.41	14.3
Millchester Creek Tonalite	TONALITE	65.54	0.4	16.19
Millchester Creek Tonalite	LAMPROPH	45.93	1.14	17.48
Sunburst Granodiorite	TONALITE	63.29	0.53	14.24
Buckland's Hill Diorite	DIORITE ALT	48.84	0.92	14.77
ODg/d-Ravenswood Batholith	TONALITE	57.9	0.66	17.78
Millchester Creek Tonalite	TONALITE A	67.7	0.34	15.37
Stannett Creek Gabbro	GABBRO	44.97	1.18	19.81
Broughton River Granodiorite	GRANODIOF	62.07	0.58	16.15
Stannett Creek Gabbro	GABBRO	51.91	0.7	18.03
Broughton River Granodiorite	GRANODIOF	60.08	0.67	16.32
Wharleys Tonalite	GRANODIOF	62.81	0.62	15.76
SDg/a-Ravenswood Batholith	LEUCOGRAN	76.94	0.09	12.52
Pocket Dam Granite	GRANITE	74.2	0.24	13.08
Sunburst Granodiorite	GABBRO AL	48.71	0.84	15.43
Millchester Creek Tonalite	PORPHYRY	60.24	0.48	17.22
Millchester Creek Tonalite	TONALITE	66.03	0.41	15.67
ODg/d-Ravenswood Batholith	GABBRO	49.38	0.33	10.49
ODg/d-Ravenswood Batholith	DIORITE	50.21	1.12	16.86
Brittany Granite	ADAMELLITI	73.44	0.19	13.77
ODg/d-Ravenswood Batholith	GABBRO	48.43	0.49	14.82
ODg/d-Ravenswood Batholith	GABBRO	41.46	1.43	10.65
Grass Hut Granite	GRANITE	76.35	0.03	12.98
Brittany Granite	GRANITE	74.61	0.14	13.23
Grass Hut Granite	GRANITE	76.7	0.03	12.8
Pocket Dam Granite	GRANITE	75.7	0.16	13.06
Heathfield West Tonalite	TONALITE	60.19	0.66	15.5
ODg/d-Ravenswood Batholith	GABBRO	46.79	0.84	19.97
Brittany Granite	ADAMELLITI	72.78	0.19	13.87
Mount Storth Granite	ADAMELLITI	75.2	0.25	12.8
Mount Storth Granite	ADAMELLITI	68.97	0.52	15.46
Mount Storth Granite	GRANITE	75.81	0.21	12.57
Mount Storth Granite	ADAMELLITI	71.34	0.41	14.2

Mount Storth Granite	ADAMELLITI 70.79	0.44	14.43
Emu Mill Granodiorite	GRANODIOF 65.84	0.5	14.49
OPg/d-Ravenswood Batholith	DIORITE 49.92	0.98	20.47
OPg/d-Ravenswood Batholith	DIORITE 45.38	1.05	19.7
Piano Gully Granodiorite?	GABBRO 50.23	1.18	15.49
Lavery Creek Granite?	ADAMELLITI 70.28	0.34	14.53
Lavery Creek Granite?	ADAMELLITI 69.28	0.39	14.83
Macrossan Gabbro	GABBRO 47.5	0.55	19.2
Heathfield West Tonalite	DIORITE 52.17	1.04	16.23
Heathfield West Tonalite	QUARTZ DIC 55.62	1.03	20.48
Heathfield West Tonalite	GRANODIOF 63.7	0.46	15.63
Heathfield West Tonalite	GRANODIOF 62.28	0.47	16.14
Balfes Creek Granodiorite	GRANODIOF 67.75	0.38	15.38
CPy-8157	ANDESITE 55.35	0.91	16.98
CPy-8157	RHYOLITE 74.74	0.21	13.46
Boatswain Tonalite	GRANODIOF 67.26	0.47	15.08
Boatswain Tonalite	GRANODIOF 62.71	0.55	16.26
Boatswain Tonalite	GRANODIOF 65.42	0.42	15.65
Rishton Granodiorite	GRANODIOF 64.77	0.51	15.68
Rishton Granodiorite	GRANODIOF 66.71	0.43	15.66
Rishton Granodiorite	GRANODIOF 57.72	0.75	16.86
Rishton Granodiorite	GRANODIOF 61.65	0.58	16.14
Rishton Granodiorite	GRANODIOF 64.77	0.48	15.41
Rishton Granodiorite	GRANODIOF 66.74	0.4	15.24
Chippendale Granodiorite	GRANODIOF 63.68	0.57	15.16
Chippendale Granodiorite	GRANODIOF 65.62	0.46	14.99
Chippendale Granodiorite	GRANODIOF 66.67	0.4	15.01
Chippendale Granodiorite	GRANODIOF 64.55	0.45	15.06
Chippendale Granodiorite	GRANODIOF 64.69	0.47	15.41
Boatswain Granodiorite	GRANODIOF 64.4	0.49	15.98
Tuckers Igneous Complex/1	QUARTZ DIC 53.28	1.47	16.92
Tuckers Igneous Complex/3	GRANODIOF 63.26	0.81	15.53
Boori Igneous Complex/3	GRANODIOF 65.08	0.73	15.45
Boori Igneous Complex/3	GRANODIOF 62.91	0.77	15.46
Deane Granodiorite	GRANODIOF 63.21	0.51	15.92
Broughton River Granodiorite	GRANODIOF 66.67	0.41	15.54
Broughton River Granodiorite	GRANODIOF 61.84	0.58	15.91
Broughton River Granodiorite	GRANODIOF 60.76	0.69	15.85
Falls Creek Tonalite	TONALITE 66.04	0.36	16.99
Falls Creek Tonalite	TONALITE 70.48	0.35	14.94
Falls Creek Tonalite	TONALITE 70.01	0.29	15.71
Falls Creek Tonalite	TONALITE 68.75	0.33	15.81
Falls Creek Tonalite	TONALITE 61.8	0.48	17.61
Square Post Granite	INTRUSIVE F 75.75	0.17	12.83
Mingela Granodiorite	INTRUSIVE F 63.17	0.62	15.64
Heathfield West Tonalite	GRANODIOF 65.24	0.47	15.27
Reedybed Granite	GRANITE 75.26	0.04	14.32
La Villa Igneous Complex	GABBRO 47.67	0.19	11.58
Stannett Creek Gabbro	GABBRO 44.79	0.88	17.92
Magnetic Island Granite	GRANITE 73.47	0.29	13.89
Millchester Creek Tonalite	GRANODIOF 65.15	0.45	15.95
Wallaman Falls Volcanics	RHYOLITE 75.67	0.12	12.47
Amarra Granite?	GRANITE 74.65	0.05	14.09
Mundic Igneous Complex	GRANITE 76.05	0.09	12.43
Amarra Granite?	GRANITE 74.01	0.11	13.9
Amarra Granite?	GRANITE 73.82	0.13	13.89

Davey Creek Granite	MICROGRAI	75.79	0.05	14.09
Davey Creek Granite	GRANITE	76.28	0.05	13.41
Davey Creek Granite	GRANITE	72.4	0.2	14.33
Chinamans Gully Granite	GRANITE	72.3	0.2	14.24
Chinamans Gully Granite	GRANITE	72.78	0.18	14.45
Amarra Granite?	GRANITE	77.03	0.03	13.08
Amarra Granite	GRANITE	73.01	0.12	14.82
Amarra Granite?	GRANITE	73.81	0.13	14.21
Grasstree Leucogranite	GRANITE	71.14	0.22	15.06
Reedybed Granite	GRANITE	75.16	0.09	13.58
Grasstree Leucogranite	GRANITE	76.26	0.04	13.08
Amarra Granite?	GRANITE	74.54	0.1	13.96
Amarra Granite	GRANITE	74.67	0.1	13.55
Grasstree Leucogranite	GRANITE	75.06	0.02	14.01
Amarra Granite?	GRANITE	73.8	0.15	14.34
Amarra Granite?	GRANITE	72.22	0.15	15.14
Amarra Granite?	GRANITE	73.33	0.15	14.35
Amarra Granite?	GRANITE	73.75	0.1	14.2
Amarra Granite?	GRANITE	73.45	0.13	13.93
Amarra Granite?	GRANITE	73.57	0.1	14.62
Weaner Vale Granite	GRANODIOF	73.28	0.12	14.27
Weaner Vale Granite	GRANITE	73.28	0.12	14.27
Weaner Vale Granite	GRANODIOF	72.26	0.35	13.54
Weaner Vale Granite	GRANITE	74.07	0.13	13.73
Cargoon Granodiorite	GRANITOID	72.98	0.12	14.55
SDg/a-Reedy Springs Batholith	GRANITE	74.51	0.09	14.24
Bombarri Granodiorite?	GRANITE	72.88	0.17	14.33
Bombarri Granodiorite	GRANITE	72.97	0.25	13.66
Bombarri Granodiorite	GRANODIOF	71.51	0.25	15.23
Bombarri Granodiorite	GRANODIOF	69.99	0.25	15.74
Capel Granodiorite	GRANITE	72.82	0.18	14.35
Newburgh Granodiorite	GRANITE	72.55	0.2	14.39
Newburgh Granodiorite	GRANITE	74.61	0.11	14.1
Cracknell Granodiorite	GRANITE	74.33	0.13	14.2
Upland Granodiorite	GRANITOID	69.01	0.33	15.89
Upland Granodiorite	GRANITE	69.36	0.31	15.65
Puddler Creek Formation?				
Columbia Creek Complex	GRANODIOF	65.1	0.47	16.9
River View Granodiorite	GRANODIOF	67.1	0.36	15.1
Amarra Granite?	ANDESITE	53.52	1.24	17.46
Davey Creek Granite	GRANITE	74.78	0.03	14.21
Davey Creek Granite	GRANITE	71.25	0.28	14.52
Amarra Granite?	MICROGRAI	75.04	0.05	13.69
Cape River Metamorphics	Metasedimε	60.34	0.87	16.11
Cape River Metamorphics	Metasedimε	54.7	0.74	17.83
Cape River Metamorphics	Metasedimε	57.16	0.93	17.71
Cape River Metamorphics	Metasedimε	61	0.91	17.66
Cape River Metamorphics	Metasedimε	65.17	1.03	14.94
Cape River Metamorphics	Metasedimε	48.38	1.11	14.78
Cape River Metamorphics	Metasedimε	78.71	0.11	13.44
OSg/gd-western Ravenswood Batholith	GRANODIOF	57.4	0.78	17.3
OSg/gd-western Ravenswood Batholith	GRANITE	66.6	0.34	15.9
Mundic Igneous Complex	MICROGRAI	67.4	0.58	14.9
Mundic Igneous Complex	GRANOPHYI	76.1	0.08	12.4
Mundic Igneous Complex	GRANOPHYI	75.5	0.12	12.6
Mundic Igneous Complex	GRANOPHYI	75	0.1	12.7

Mundic Igneous Complex	RHYOLITE 74.9	0.1	12.3
Mundic Igneous Complex	RHYOLITE 75	0.1	12.2
Mundic Igneous Complex	MICROGRA 70.2	0.3	14.7
Mistake Granodiorite	GRANODIOF 73.8	0.08	14.5
	RHYOLITE 77.6	0.04	11.4
	GRANODIOF 73.2	0.12	14.9
Mistake Granodiorite	GRANODIOF 0	0	0
Mistake Granodiorite	GRANITE 73.62	0.05	14.4
Hogg Granodiorite	GRANODIOF 74.5	0.08	14.5
	RHYOLITE 77.69	0.04	11.1
Capel Granodiorite	GRANODIOF 72.7	0.22	14.4
Capel Granodiorite	GRANODIOF 0	0	0
Capel Granodiorite	GRANODIOF 72.41	0.2	14.3
Capel Granodiorite	BASALT 47.1	1.66	13.5
Thursday Monzogranite	MONZOGRA 74	0.12	14.3
Thursday Monzogranite	MONZOGRA 75.41	0.11	13.86
Capel Granodiorite	GRANODIOF 72.7	0.22	14.7
Bombarri Granodiorite?	GRANODIOF 73.1	0.2	14.6
Bombarri Granodiorite?	GRANODIOF 72.51	0.17	14.86
Bombarri Granodiorite?	GRANODIOF 72.51	0.17	14.86
Capel Granodiorite	GRANODIOF 73.2	0.2	14.4
Capel Granodiorite	GRANODIOF 65.5	0.56	15.6
Capel Granodiorite	GRANODIOF 73.1	0.16	14.8
Yering Granodiorite	GRANODIOF 69.1	0.28	16.1
Yering Granodiorite	GRANODIOF 68.91	0.26	15.83
Cape River Metamorphics/m	CALC-SILICA 74.6	0.7	11.2
Cape River Metamorphics/m	ARENITE ME 73.72	0.71	11.44
Woongalee Granodiorite	GRANODIOF 66.3	0.5	15.8
Woongalee Granodiorite	GRANODIOF 73.8	0.16	14.4
Woongalee Granodiorite	GRANODIOF 73.01	0.15	14.23
Woongalee Granodiorite	GRANODIOF 67.6	0.42	15.4
Yering Granodiorite	GRANODIOF 66.7	0.5	15.6
Thursday Monzogranite	GRANITOID 75.8	0.08	14
Thursday Monzogranite	MONZOGRA 0	0	0
Thursday Monzogranite	GRANODIOF 74.91	0.05	13.94
Mistake Granodiorite	GRANODIOF 72.2	0.2	15.1
Mistake Granodiorite	GRANODIOF 0	0	0
Mistake Granodiorite	GRANODIOF 71.7	0.18	15.19
CPir-Kennedy Province	RHYOLITE 73.7	0.28	12.5
Bombarri Granodiorite	TRONDHJEN 71.7	0.12	16.3
Bombarri Granodiorite	TRONDHJEN 71.33	0.11	16.67
Bombarri Granodiorite	TRONDHJEN 71.33	0.11	16.67
Scardons Volcanic Group-Csr	TONALITE 62	0.62	18
Scardons Volcanic Group-Csr	TONALITE 0	0	0
Scardons Volcanic Group-Csr	TONALITE 62.01	0.61	17.79
Bombarri Granodiorite	TONALITE ? 73.4	0.18	14.6
Bombarri Granodiorite	GNEISS 66.1	0.16	18.3
Woongalee Granodiorite	TONALITE 66.6	0.48	15.8
Woongalee Granodiorite	TONALITE 65.6	0.46	15.99
Milky Granodiorite	GRANITE ? 72.2	0.18	14.3
Milky Granodiorite	MONZOGRA 0	0	0
Capel Granodiorite	GRANODIOF 70.9	0.26	15.1
Capel Granodiorite	GRANODIOF 70.16	0.23	15.14
Bombarri Granodiorite	TONALITE 71.7	0.22	15.1
Bombarri Granodiorite	GRANODIOF 72.6	0.12	14.9
Bombarri Granodiorite	GRANODIOF 0	0	0

Capel Granodiorite	GRANODIOF 73.7	0.08	14.1
Capel Granodiorite	MONZOGRA 73.73	0.07	14.01
Capel Granodiorite	GRANODIOF 74.4	0.12	14.4
Bombarri Granodiorite	GRANODIOF 69.6	0.32	15.8
Meadowvale Granodiorite	GRANODIOF 66.5	0.42	15.2
Wallaman Falls Volcanics	IGNIMBRITE 75.8	0.12	12.5
Rollingstone Granite	GRANITE 76.5	0.08	12.4
SDg/a-Ravenswood Batholith	GRANITE 67.49	0.39	15.15
Emu Mill Granodiorite	SCHIST 67.29	0.43	14.48
Emu Mill Granodiorite	GRANODIOF 67.29	0.43	14.48
Yulga Tonalite	TONALITE 63.01	0.46	17.15
Pocket Dam Granite	GRANITE 75.9	0.17	12.76
Mount Sugarloaf Igneous complex	GABBRO 49.8	2.51	14.7
Meadowvale Granodiorite?	GRANODIOF 70.7	0.26	14.8
Five Mile Mill Granodiorite	GRANODIOF 63.8	0.54	16
Casey Spring Creek Granodiorite	GRANODIOF 62.7	0.61	15.6
Meadowvale Granodiorite?	GRANODIOF 68.2	0.37	15.3
Five Mile Mill Granodiorite	GRANODIOF 65.6	0.51	15.7
Mingela Granodiorite	GRANODIOF 63.2	0.61	15.5
Mingela Granodiorite	GRANODIOF 61.2	0.49	16
Spondulix Granodiorite	GRANODIOF 58.1	0.66	16.1
Meadowvale Granodiorite	GRANODIOF 65.9	0.43	15.2
Meadowvale Granodiorite	GRANODIOF 58.7	0.77	16.2
Casey Spring Creek Granodiorite	GRANODIOF 59.1	0.73	16.8
SDg/a-Ravenswood Batholith	MICROGRA 75.5	0.12	12.9
Meadowvale Granodiorite?	GRANODIOF 68.9	0.31	15.4
Five Mile Mill Granodiorite	GRANODIOF 65.6	0.5	15.7
Five Mile Mill Granodiorite	GRANODIOF 66.3	0.48	15.8
Box Forest Quartz-diorite	QUARTZ DIC 52.4	0.82	22.4
Box Forest Quartz-diorite	QUARTZ DIC 51.7	0.97	20.4
Mingela Granodiorite	GRANODIOF 63.7	0.52	15.9
Mingela Granodiorite	GRANODIOF 64.6	0.49	15.9
Mingela Granodiorite	GRANODIOF 64.1	0.51	15.9
Exley Microgranite	GRANITE 72.1	0.18	14
Heathfield West Tonalite	GRANODIOF 58.7	0.63	16.7
Mingela Granodiorite	GRANODIOF 63.7	0.49	16.2
Exley Microgranite	MICROGRA 72.5	0.19	14.2
Heathfield West Tonalite	TONALITE 58.8	0.6	16.7
Exley Microgranite	ADAMELLITI 71.5	0.22	14.4
Barrabas Adamellite	GRANITE 76.5	0.13	12.5
Miners Gap Granite	GRANITE 74.2	0.22	13.5
Miners Gap Granite	GRANITE 73.8	0.23	14
Tomato Granite	ADAMELLITI 73.2	0.19	14.1
Mingela Granodiorite	GRANODIOF 63.4	0.5	16.2
Mingela Granodiorite	GRANODIOF 65.5	0.47	15.8
Brittany Granite	ADAMELLITI 70.9	0.16	14.7
Five Mile Mill Granodiorite	GRANITE 67.1	0.5	15
The Maze Granite	GRANITE 77.3	0.05	12.1
The Maze Granite	GRANITE 76.9	0.05	12.4
Baby Granodiorite	MONZOGRA 71	0.18	15.7
Baby Granodiorite	GRANODIOF 0	0	0
Baby Granodiorite	MONZOGRA 71.24	0.19	15.83
Bubbling Granodiorite	GRANODIOF 72.4	0.16	15.2
Bubbling Granodiorite	MONZOGRA 73	0.12	14.9
Bubbling Granodiorite	GRANODIOF 0	0	0
Bubbling Granodiorite	MONZOGRA 73.63	0.11	15.03

Bubbling Granodiorite	MONZOGRA 51.1	0.84	14
Bubbling Granodiorite	AMPHIBOLI 51.11	0.86	14.18
Bubbling Granodiorite	AMPHIBOLI 52.6	0.9	14.4
Bubbling Granodiorite	AMPHIBOLI 54.5	0.96	12.1
Bubbling Granodiorite	SCHIST 47.6	1.74	15.5
Bubbling Granodiorite	SCHIST 47.73	1.86	15.04
Bombarri Granodiorite?	TONALITE ? 69.6	0.36	15.8
Bombarri Granodiorite?	GRANODIOF 0	0	0
Bombarri Granodiorite?	TONALITE ? 71.17	0.37	15.31
Bombarri Granodiorite?	GRANODIOF 72.3	0.2	14.9
Bombarri Granodiorite?	GRANODIOF 69.6	0.28	15.9
Bombarri Granodiorite?	TONALITE ? 64.5	0.48	17.4
Bombarri Granodiorite?	TONALITE ? 64.51	0.5	17.28
Big Bore Granite	RHYOLITE 74.5	0.08	14.9
Big Bore Granite	MONZOGRA 70.27	0.24	15.19
Big Bore Granite	MONZOGRA 71.7	0.2	15.2
Big Bore Granite	RHYOLITE 70.32	0.15	16.99
Big Bore Granite	RHYOLITE 69.7	0.17	17.3
Big Bore Granite	GRANODIOF 71.8	0.18	15.1
Upland Granodiorite	TONALITE ? 67.2	0.42	16.2
Upland Granodiorite	GRANODIOF 0	0	0
Upland Granodiorite	TONALITE 66.46	0.41	15.81
Big Bore Granite	MONZOGRA 70.3	0.24	15.3
Big Bore Granite	MONZOGRA 70.27	0.23	15.12
Upland Granodiorite	GRANODIOF 71.5	0.24	14.8
Baby Granodiorite	LEUCOGRAM 74.8	0.08	14.4
Baby Granodiorite	GRANITE 0	0	0
Baby Granodiorite	GRANITE 75.01	0.04	13.86
Baby Granodiorite	SYENOGRAM 73.9	0.08	14.9
Baby Granodiorite	GRANODIOF 73.1	0.12	14.9
Baby Granodiorite	GRANODIOF 72.79	0.11	14.62
CPir-Kennedy Province	OBSIDIAN 80.9	0.06	10.1
CPir-Kennedy Province	RHYOLITE 81.41	0.05	9.81
Upland Granodiorite	GRANODIOF 69.7	0.28	15.8
CPir-Kennedy Province	RHYOLITE 77.2	0.06	12.5
CPir-Kennedy Province	RHYOLITE 80.9	0.06	9.7
Bombarri Granodiorite?	GRANODIOF 72.9	0.1	15.1
Upland Granodiorite, Cape River Metamorphics/m	MONZOGRA 73.1	0.14	14.8
Upland Granodiorite, Cape River Metamorphics/m	MONZOGRA 73.31	0.11	14.49
Upland Granodiorite	GRANODIOF 71.7	0.16	15.2
Strathtay Granite	GRANODIOF 69.5	0.32	15.8
Strathtay Granite	GRANODIOF 70	0.26	15.5
Strathtay Granite	GRANODIOF 69.48	0.24	15.34
Cape River Metamorphics/y	GNEISS 76.6	0.36	11
Cape River Metamorphics/y	GNEISS 76.12	0.36	10.74
Upland Granodiorite	GRANODIOF 71.1	0.28	15.1
Upland Granodiorite	GRANODIOF 71.37	0.29	14.51
Upland Granodiorite	GRANODIOF 74.2	0.14	14.2
Newburgh Granodiorite	MONZOGRA 73.7	0.12	14.3
Newburgh Granodiorite	MONZOGRA 73.64	0.11	13.82
Capel Granodiorite	MONZOGRA 73.7	0.1	14.9
Newburgh Granodiorite	MONZOGRA 72.2	0.22	14.6
Newburgh Granodiorite	GRANODIOF 0	0	0
Newburgh Granodiorite	MONZOGRA 72.31	0.21	13.92
Newburgh Granodiorite	GRANODIOF 73.4	0.18	14.3
Yering Granodiorite	GRANODIOF 73.5	0.18	14.6

Yering Granodiorite	GRANODIOF 73.2	0.15	14.09
Toms Hole Granodiorite?	GRANODIOF 70.7	0.3	15.5
Toms Hole Granodiorite?	GRANODIOF 70.01	0.28	14.78
Toms Hole Granodiorite?	GRANODIOF 70.2	0.3	15.5
Toms Hole Granodiorite	GRANODIOF 67	0.46	16.3
Toms Hole Granodiorite	GRANODIOF 0	0	0
Toms Hole Granodiorite	GRANODIOF 67.69	0.45	15.31
Toms Hole Granodiorite	GRANODIOF 66	0.48	16.3
Toms Hole Granodiorite	GRANODIOF 67.14	0.47	15.55
Craigie Tonalite	TONALITE 61.3	0.74	17.4
Craigie Tonalite	GRANODIOF 61.04	0.71	16.57
Craigie Tonalite	TONALITE 60.1	0.78	17.3
Craigie Tonalite	TONALITE 0	0	0
Craigie Tonalite	GRANODIOF 59.47	0.79	17.06
Blanders Granodiorite	GRANODIOF 69.3	0.26	16
Blanders Granodiorite	GRANODIOF 0	0	0
Blanders Granodiorite	GRANODIOF 68.4	0.28	15.63
Upland Granodiorite?	GRANODIOF 72.8	0.2	14.3
Cracknell Granodiorite	GRANODIOF 73.2	0.12	14.8
Cracknell Granodiorite	GRANODIOF 0	0	0
Blanders Granodiorite	GRANODIOF 69.9	0.38	15
Sg/g-Reedy Springs Batholith	GRANODIOF 66.4	0.48	15.8
Sg/g-Reedy Springs Batholith	GRANODIOF 72.9	0.16	14.8
Sg/g-Reedy Springs Batholith	GRANODIOF 72.5	0.2	14.9
Sg/g-Reedy Springs Batholith	GRANODIOF 71.93	0.21	14.61
Yering Granodiorite	GRANITE 72.2	0.2	14.8
Yering Granodiorite	GNEISS 71.3	0.22	15.5
Yering Granodiorite	GRANODIOF 0	0	0
Yering Granodiorite	GNEISS 72.67	0.21	15.32
Bombarri Granodiorite?	TONALITE 68.8	0.3	16.4
Bombarri Granodiorite?	TONALITE 69.8	0.28	16.8
Porcupine Creek rhyolite	RHYOLITE 75.6	0.16	12.7
Cargoon Granodiorite	GRANODIOF 68.4	0.36	15.7
Cargoon Granodiorite	TONALITE ? 66.5	0.46	15.7
Cargoon Granodiorite	GRANODIOF 0	0	0
Cargoon Granodiorite	GRANODIOF 0	0	0
Cape River Metamorphics/sa	AMPHIBOLI 61	0.78	14.4
Cape River Metamorphics/sa	AMPHIBOLI 61.52	0.81	14.48
Cape River Metamorphics/a	AMPHIBOLI 48.5	1.28	14.4
CPir-Kennedy Province	RHYOLITE 75.4	0.16	12.7
Porcupine Creek rhyolite?	BRECCIA 77.1	0.1	11.9
Porcupine Creek rhyolite?	IGNIMBRITE 75.4	0.2	13.2
Porcupine Creek rhyolite?	DACITE 57.3	1.6	16.1
Porcupine Creek rhyolite?	IGNIMBRITE 75.9	0.16	13.2
Paynes Lagoon Amphibolite	AMPHIBOLI 46.5	1.42	15.8
Paynes Lagoon Amphibolite	AMPHIBOLI 51.1	1.86	13.7
Paynes Lagoon Amphibolite	AMPHIBOLI 46	3.46	14.6
Brinagee Schist	AMPHIBOLI 47.2	1.58	15.8
Argentine Metamorphics/p	AMPHIBOLI 50	1.32	14.5
Argentine Metamorphics/p	AMPHIBOLI 46.3	0.8	15.3
Argentine Metamorphics/a	AMPHIBOLI 49.6	1.8	13.5
Argentine Metamorphics/a	AMPHIBOLI 49.4	1.8	15.1
Argentine Metamorphics/a	AMPHIBOLI 48	0.5	14.8
Argentine Metamorphics/a	AMPHIBOLI 50.8	1.12	14
Paynes Lagoon Amphibolite	AMPHIBOLI 52.9	1.56	17.3
Paynes Lagoon Amphibolite	FELSITE 64.6	1.22	14.9

Paynes Lagoon Amphibolite	FELSITE	66	0.9	15.6
Paynes Lagoon Amphibolite	AMPHIBOLI ^r	45.2	3.24	14.9
Running River Metamorphics/a	AMPHIBOLI ^r	46.7	1.78	10.4
Running River Metamorphics/a	GABBRO ME	40.4	1.16	20.2
Running River Metamorphics/a	AMPHIBOLI ^r	40	1.3	23.9
Running River Metamorphics/a	GABBRO ME	43.2	0.88	25.2
Running River Metamorphics/a	AMPHIBOLI ^r	44.2	2.38	11.6
Running River Metamorphics	AMPHIBOLI ^r	44.1	1.6	14.5
Running River Metamorphics	DOLERITE N	47.8	0.48	18.2
Paynes Lagoon Amphibolite	SANDSTONE	70	0.16	15.6
Cape River Metamorphics/s	SCHIST	75.3	0.6	10.3
Cape River Metamorphics/s	SCHIST	55	0.94	18.8
Morepork Member	SCHIST	67.9	0.8	14.8
Morepork Member	SCHIST	63	0.96	17.1
Morepork Member	QUARTZITE	78.8	0.54	9.6
Morepork Member	QUARTZITE	72.6	0.72	13.4
Morepork Member	QUARTZITE	50.7	1.28	23.6
Morepork Member	SCHIST	81.7	0.56	8.2
Cape River Metamorphics/s	SCHIST	72.7	0.62	11.9
Cape River Metamorphics/s	SCHIST	75.8	0.64	10.8
Cape River Metamorphics/s	ARENITE ME	77	0.44	10.7
Cape River Metamorphics/s	ARENITE ME	72.8	0.98	10.4
Cape River Metamorphics/s	ARENITE ME	79.3	0.4	9
Cape River Metamorphics/c	CALC-SILICA	69.9	0.5	9
Cape River Metamorphics/s	CALC-SILICA	74.2	0.64	10.1
bx-SF5501	GNEISS	71.8	0.64	11.4
Cape River Metamorphics/c	CALC-SILICA	57.5	0.74	15.3
Bombarri Granodiorite?	AMPHIBOLI ^r	49.3	2.08	13.3
Cape River Metamorphics/s	AMPHIBOLI ^r	48.6	1.2	15.6
Cape River Metamorphics/s	AMPHIBOLI ^r	51	0.92	16
Cape River Metamorphics/s	GNEISS	65.1	0.78	14.3
Fat Hen Creek Complex/m	AMPHIBOLI ^r	50.5	1.06	14.9
Fat Hen Creek Complex/m	AMPHIBOLI ^r	48.3	1.72	14.3
Fat Hen Creek Complex/m	AMPHIBOLI ^r	49.4	0.92	14.7
CPg-SF5501	GRANODIOF	70.4	0.24	16
Cape River Metamorphics/s	GNEISS	61.1	0.68	17.4
Cape River Metamorphics/s	GNEISS	71.7	0.66	11.1
Cape River Metamorphics/s	GNEISS	73.7	0.66	10.3
Gypsy Pocket Granodiorite	GRANODIOF	70.7	0.72	12
Ballabay Complex	GABBRO	54.7	0.28	4.5
Baumans Camp Granite	GRANITE	72.6	0.31	13.4
Cape River Metamorphics/x	GNEISS LEU ⁱ	73.2	0.42	10.4
Cape River Metamorphics/z	GRANOFELS	61.7	0.58	17.6
Cape River Metamorphics/z	AMPHIBOLI ^r	49.4	0.92	17.5
Cape River Metamorphics/z	GABBRO ME	76.3	0.28	11.9
Cape River Metamorphics/z	GNEISS LEU ⁱ	49.8	0.42	13.2
SDg/a-Reedy Springs Batholith	GRANITE	72.7	0.14	15.3
Cape River Metamorphics/sa	AMPHIBOLI ^r	60.8	0.62	11.7
Cape River Metamorphics/sa	ULTRAMAFI	53.3	0.04	2.9
Cape River Metamorphics/sa	ULTRAMAFI	57.3	0.04	2
Cape River Metamorphics/sa	SCHIST	54.6	0.1	3
Cape River Metamorphics/sa	AMPHIBOLI ^r	48	0.84	19.3
Cape River Metamorphics/y	GNEISS	67.4	0.44	17.3
Cape River Metamorphics/y	GNEISS ORT	77.8	0.36	11.6
Woongalee Granodiorite	GRANODIOF	66.4	0.52	15.8
Woongalee Granodiorite	GRANODIOF	71.5	0.2	15.5

Cape River Metamorphics/m	GNEISS	57.8	0.84	15.8
Cape River Metamorphics/m	LEUCOGRAM	70.3	0.2	17.3
Cape River Metamorphics/m	AMPHIBOLITE	48.5	1.02	16.1
Cape River Metamorphics/m	AMPHIBOLITE	49.5	1.72	15.4
Charters Towers Metamorphics	GRANITE	63.6	0.42	12.9
Og/a-8157	GRANITE	77.5	0.06	12.4
OSg/g-western Ravenswood Batholith	GRANITE	74.2	0.14	14.2
Amarra Granite	APLITE	73.9	0.04	15.2
Grasstree Leucogranite	LEUCOGRAM	69.4	0.14	17.4
Grasstree Leucogranite	GRANITE	72.2	0.08	16
Grasstree Leucogranite	GRANITE	76.6	0.04	13.5
Grasstree Leucogranite	GRANITE	77	0.06	13.3
Grasstree Leucogranite	GRANITE	74.9	0	14.4
Grasstree Leucogranite	GRANITE	72.4	0.04	15.2
Reedybed Granite	GRANITE	72.7	0.06	16
Shovel Creek Complex	GREENSTONE	72.7	0.02	15.4
Shovel Creek Complex	GREENSTONE	53.3	0.24	6.6
Reedybed Granite	GRANITE	72.9	0.04	15.8
Shovel Creek Complex/h	GABBRO	69.6	0.08	17.3
Shovel Creek Complex/h	GABBRO	52.8	0.3	13.9
Shovel Creek Complex	GRANODIORITE	70.8	0.34	14.1
Shovel Creek Complex	GRANITE	75.2	0.04	13.8
Grasstree Leucogranite	GRANITE	72.5	0.14	14.3
Grasstree Leucogranite	GRANITE	72.2	0.08	16
Grasstree Leucogranite	GRANITE	73.5	0.04	15.3
Amarra Granite?	SYENITE ?	56	1.16	16.5
Grasstree Leucogranite	LEUCOGRAM	76.4	0.06	13.9
Amarra Granite?	GRANITE	75.7	0.06	14.2
Amarra Granite	ADAMELLITE	75.5	0.08	14.1
Mundic Igneous Complex?	GRANODIORITE	57.9	1	17.5
Grasstree Leucogranite	LEUCOGRAM	75.6	0.06	14.1
Grasstree Leucogranite	LEUCOGRAM	75.9	0.06	13.3
Grasstree Leucogranite	LEUCOGRAM	76.1	0.06	13.7
Grasstree Leucogranite	LEUCOGRAM	75.1	0.04	14.4
Reedybed Granite	GRANITE	72.1	0.18	15.2
Shovel Creek Complex	GRANODIORITE	73.4	0.3	13.3
Redlands Granite	LEUCOGRAM	76.9	0.06	13.3
Grasstree Leucogranite	LEUCOGRAM	74.5	0.06	14.4
Grasstree Leucogranite	PEGMATITE	75.4	0.06	14.4
Grasstree Leucogranite	LEUCOGRAM	75.5	0.04	14.3
Amarra Granite?	GRANITE	74.1	0.12	14.2
Amarra Granite	GRANITE	73.6	0.16	14.3
Grasstree Leucogranite	GRANITE	75.8	0.08	13.9
Grasstree Leucogranite	GRANITE	76.1	0.1	13.2
Amarra Granite?	SYENITE ?	70.3	0.3	14.2
Amarra Granite?	GRANITE	72.8	0.18	15
Grasstree Leucogranite	PEGMATITE	76	0.06	13.6
Hodgon Granodiorite	GRANODIORITE	68.9	0.36	15.6
Hodgon Granodiorite	GRANITE	76.9	0.1	12.9
Hodgon Granodiorite	GRANITE	75.6	0.16	13
Grasstree Leucogranite	LEUCOGRAM	75.6	0.08	14.1
Grasstree Leucogranite	LEUCOGRAM	75.6	0.06	14
Grasstree Leucogranite	LEUCOGRAM	75.2	0.06	14.4
Grasstree Leucogranite	LEUCOGRAM	75.6	0.06	14
Grasstree Leucogranite	LEUCOGRAM	75.8	0.06	14.1
Grasstree Leucogranite	GRANITE	71.4	0.24	15.3

Bulgin Creek Granite/m	GRANITE	69.8	0.24	16
Amarra Granite?	GRANITE	71.4	0.18	14.7
Mundic Igneous Complex?	RHYOLITE	68.1	0.34	14.3
Mundic Igneous Complex?	SYENITE	73.5	0.18	13.3
Mundic Igneous Complex?	SYENITE ?	73.4	0.16	13.1
Amarra Granite?	GRANITE	72.7	0.14	15
Weaner Vale Granite	GRANITE	66	0.62	15.9
Mundic Igneous Complex?	SYENITE	75.1	0.26	12.3
Weaner Vale Granite	ANDESITE	73.6	0.14	14.8
Cape River Metamorphics/sa	AMPHIBOLITE	49.2	0.92	14.9
Cape River Metamorphics/sa	AMPHIBOLITE	50.7	0.94	15
Cape River Metamorphics/sa	GRANITE	74.1	0.18	13.2
Dillons Knob Granite	GRANITE	74	0.12	14.4
Dillons Knob Granite	GRANITE	74.6	0.12	13.9
Dillons Knob Granite?	LEUCOGRANITE	75.7	0.06	14.1
Dillons Knob Granite	LEUCOGRANITE	75.7	0.06	13.7
Dillons Knob Granite	GRANITE	72.7	0.18	14.6
Dillons Knob Granite?	GRANITE	76.4	0.06	13.3
Fat Hen Creek Complex	GRANITOID	68.7	0.68	14.1
Fat Hen Creek Complex	LEUCOGRANITE	74.7	0.04	14.2
Fat Hen Creek Complex	GRANITOID	71.4	0.32	14.1
Fat Hen Creek Complex	GRANITOID	71.1	0.34	14.4
Dillons Knob Granite	LEUCOGRANITE	76.1	0.06	13.7
Dillons Knob Granite	GRANITE	72.1	0.24	14.5
Amarra Granite?	GRANITE	72.7	0.18	14.5
Amarra Granite?	LEUCOGRANITE	76.6	0.04	13.4
Dillons Knob Granite	LEUCOGRANITE	76	0.04	13.6
Dillons Knob Granite	GRANITE	71.8	0.22	14.5
Dillons Knob Granite	PEGMATITE	76	0.06	13.3
Dillons Knob Granite	GRANITE	71.8	0.24	14.6
Myola Granite	LEUCOGRANITE	76.3	0.08	13.2
Cape River Metamorphics/sm	SCHIST	58.6	0.8	17.3
Cape River Metamorphics/sm	GNEISS	71.5	0.64	9.3
Cape River Metamorphics/s	MIGMATITE	69.4	0.74	12.5
Cape River Metamorphics/s	MICROGRANITE	74	0.12	13.5
Fat Hen Creek Complex	TONALITE	64	1.16	14.1
Mount Elvan Granite	MICROGRANITE	74.5	0.1	13.6
Fat Hen Creek Complex	GNEISS	65.4	0.68	13.4
Fat Hen Creek Complex	TONALITE ?	71.7	0.62	13.6
Fat Hen Creek Complex	TONALITE ?	70.1	0.64	13.5
Fat Hen Creek Complex	TONALITE ?	65.7	0.82	15
Fat Hen Creek Complex	TONALITE	68.1	0.64	14.7
Fat Hen Creek Complex	TONALITE ?	63.5	0.66	14
Fat Hen Creek Complex	TONALITE	69.2	0.58	12.9
Amarra Granite	GRANITE	76	0.04	13.5
Grasstree Leucogranite	GRANITE	75.5	0.06	13.8
Amarra Granite	LEUCOGRANITE	75.2	0.04	14.1
Fat Hen Creek Complex/m	GRANITOID	62.6	1.1	15.6
Fat Hen Creek Complex/m	GRANITOID	66.1	0.98	14.3
Fat Hen Creek Complex	GRANITOID	68.4	0.7	14.6
Bulgin Creek Granite	GRANITE	70	0.28	15.9
Bulgin Creek Granite/m	GRANITE	68.7	0.32	15.9
Amarra Granite?	GRANITE	73	0.18	14.3
Amarra Granite	GRANITE	74.1	0.14	14.3
Bulgin Creek Granite/m	GRANITE	71.3	0.26	15.3
Cornelia Orthogneiss?	GABBRO	50.5	0.52	14.2

Fat Hen Creek Complex	TONALITE ? 67	1	13.9
Goldsborough Granodiorite	GRANITE 71.7	0.22	14.9
Goldsborough Granodiorite	GRANODIOF 67.8	0.36	15.8
Fat Hen Creek Complex	TONALITE ? 67.4	0.96	13.6
Fat Hen Creek Complex	TONALITE ? 61.7	1.16	15.2
Seventy Mile Range Group?	BASALT ME 50.4	0.94	17.6
Seventy Mile Range Group?	ARENITE VO 45.4	1.04	16.5
Seventy Mile Range Group?	ARENITE VO 47.9	0.94	15
Cape River Metamorphics/sa	GNEISS ORT 75.3	0.06	14.1
Cape River Metamorphics/sa	SCHIST 41.8	0.56	9.2
Lolworth Igneous Complex	GRANITE 75.7	0.1	14
Fat Hen Creek Complex	TONALITE 63.05	1.14	14.15
Dillons Knob Granite	GRANITE 71.22	0.22	14.64
Amarra Granite?	GRANITE 72.78	0.16	14.9
Mount Elvan Granite	MICROGRA 73.83	0.08	13.76
Bulgin Creek Granite	GRANITE 69.4	0.27	15.99
Goldsborough Granodiorite	GRANODIOF 66.65	0.36	15.84
Hodgon Granodiorite	GRANODIOF 68.31	0.33	15.7
Reedybed Granite	GRANITE 71.76	0.17	15.08
Amarra Granite	GRANITE 73.29	0.13	14.47
Grasstree Leucogranite	LEUCOGRAM 75.23	0.04	14.23
Fat Hen Creek Complex	GNEISS 64.4	0.67	13.49
Myola Granite	LEUCOGRAM 75.71	0.06	13.56
Grasstree Leucogranite	LEUCOGRAM 74.71	0.05	14.45
Grasstree Leucogranite	LEUCOGRAM 74.91	0.04	14.55
Grasstree Leucogranite	LEUCOGRAM 75.18	0.04	14.22
Fat Hen Creek Complex	TONALITE 62.62	0.62	14.05
Fat Hen Creek Complex	GRANITOID 67.9	0.66	14.38
Fat Hen Creek Complex	LEUCOGRAM 74.55	0.03	14.44
Dillons Knob Granite	LEUCOGRAM 75.18	0.03	13.92
Amarra Granite	LEUCOGRAM 75.14	0.03	14.35
Dillons Knob Granite	GRANITE 73.2	0.1	14.55
Dillons Knob Granite	GRANITE 73.86	0.09	14.06
Elimeek Volcanics	FELSITE 68.5	0.6	13.5
Elimeek Volcanics	FELSITE 73.6	0.5	12.2
Elimeek Volcanics	IGNIMBRITE 76.6	0.46	10.6
	GABBRO 49.6	0.56	13.3
Tuckers Igneous Complex/1	DIORITE 55	1.22	16.9
Tuckers Igneous Complex/3	GRANODIOF 63.4	0.8	15.5
SDg/a-Ravenswood Batholith	GRANITE 77	0.07	12.5
Beasley Creek Tonalite	TONALITE 59.1	0.58	16.2
Beasley Creek Tonalite/a	GRANODIOF 64	0.48	16
Beasley Creek Tonalite	DIORITE 60.4	0.71	16
Boori Igneous Complex/3	ADAMELLITI 62.2	0.78	16.1
Boori Igneous Complex/2	DIORITE 55.1	1.24	18.3
Chippendale Granodiorite	GRANODIOF 71.2	0.23	14.2
Chippendale Granodiorite	GRANODIOF 68.5	0.28	15.7
Chippendale Granodiorite	GRANODIOF 68.7	0.28	15.7
Rishton Granodiorite	GRANODIOF 66.3	0.4	15
Brook Complex	GRANITE 77.5	0.1	12.1
SDg/d-Ravenswood Batholith	DIORITE 47	0.9	19.5
SDg/d-Ravenswood Batholith	DIORITE 46.8	0.8	18.4
Kirklea Granite?	GRANITE 73.4	0.19	13.5
Trooper Creek Formation	Andesite 56.74	0.77	18.3
Puddler Creek Formation Volcanics	Andesite 58.85	1.55	18.6
Puddler Creek Formation Volcanics	Andesite 53.16	1.33	17.95

Trooper Creek Formation	Basalt	52.36	0.43	14.61
Trooper Creek Formation	Basalt	50.35	0.7	18.13
Trooper Creek Formation	Basalt	50.08	0.65	19.52
Trooper Creek Formation	Basalt	52.68	2.05	14.2
Trooper Creek Formation	Andesite	53.34	1.83	14.55
Trooper Creek Formation	Basalt	50.75	1.81	14.01
Trooper Creek Formation	Dacite	66.22	0.6	14.2
Trooper Creek Formation	Dacite	65.64	0.64	15.06
Trooper Creek Formation	Dacite	64.65	1.2	13.61
Trooper Creek Formation	Dacite	73.44	0.41	13.38
Trooper Creek Formation	Rhyolite	77.59	0.16	12.46
Trooper Creek Formation	Rhyolite	78.05	0.51	10.96
Trooper Creek Formation	Rhyolite	77.56	0.16	12.06
Mount Windsor Volcanics	Rhyolite	78.4	0.04	12.32
Mount Windsor Volcanics	Rhyolite	77.94	0.25	11.91
Mount Windsor Volcanics	Rhyolite	77.44	0.09	12.18
≡ Range Group	Hanging wal	72.54	0.447	14.28
≡ Range Group	Altered daci	56.48	0.654	19.09
≡ Range Group	Altered daci	79.22	0.31	11.26
≡ Range Group	Basaltic and	50.45	0.492	16.79
Mt Windsor Volcanics	Footwall Rh	68.06	0.068	7.68
≡ Range Group	Hanging wal	70.5	0.429	14.38
≡ Range Group	Altered daci	70.13	0.445	13.74
≡ Range Group	Chlorite-trei	35.72	0.101	11.05
≡ Range Group	Chlorite-trei	12.38	0.038	1.32
≡ Range Group	Chlorite-trei	19.87	0.022	3.67
≡ Range Group	Chlorite-trei	32.19	0.007	2.8
≡ Range Group	Chlorite-trei	49.54	0.005	1.77
≡ Range Group	Chlorite-trei	40.91	0.039	7.81
≡ Range Group	Chlorite-trei	44.57	0.135	13.06
Mt Windsor Volcanics	Footwall Rh	64.81	0.161	18.41
Mt Windsor Volcanics	Footwall Rh	63.9	0.15	19.3
Mt Windsor Volcanics	Footwall Rh	64.3	0.14	19.6
≡ Range Group	Chlorite-trei	48.77	0.055	7.91
Mt Windsor Volcanics	Footwall Rh	69.01	0.053	8.04
≡ Range Group	Hanging wal	79.6	0.37	10.67
≡ Range Group	Hanging wal	73.1	0.524	13.27
Trooper Creek Formation	Hanging-wa	74.53	0.309	14.17
≡ Range Group	Hanging wal	75.11	0.309	12.71
≡ Range Group	Hanging wal	73.39	0.342	12.49
Mt Windsor Volcanics	Footwall Rh	78.99	0.065	10.13
Mt Windsor Volcanics	Footwall Rh	72.73	0.101	14.99
Mt Windsor Volcanics	Footwall Rh	75.96	0.093	12.66
Mt Windsor Volcanics	Footwall Rh	66.42	0.061	8.58
Mt Windsor Volcanics	Footwall Rh	76.01	0.096	13.21
Mt Windsor Volcanics	Footwall Rh	77.76	0.087	11.97
≡ Range Group	Hanging wal	74.97	0.402	12.89
Mt Windsor Volcanics	Footwall Rh	75.21	0.095	12.32
Mt Windsor Volcanics	Footwall Rh	77.7	0.067	10.45
Mt Windsor Volcanics	Footwall Rh	70.69	0.057	8.96
≡ Range Group	Quartz-felds	78.04	0.144	11.58
≡ Range Group	Quartz-felds	75.77	0.195	13.02
≡ Range Group	Basaltic and	52.46	0.442	15.5
≡ Range Group	Hanging wal	75.55	0.345	12.47
≡ Range Group	Hanging wal	74.24	0.347	12.82
Mt Windsor Volcanics	Footwall Rh	77.03	0.118	12.44

Mt Windsor Volcanics	Footwall Rh 78.51	0.111	11.65
Mt Windsor Volcanics	Footwall Rh 79.14	0.073	11.19
Mt Windsor Volcanics	Footwall Rh 85.45	0.04	7.6
Mt Windsor Volcanics	Footwall Rh 75.79	0.067	9.46
Mt Windsor Volcanics	Footwall Rh 75.93	0.112	13
Mt Windsor Volcanics	Footwall Rh 79.29	0.041	9.51
Mt Windsor Volcanics	Footwall Rh 78.55	0.064	11.77
Mt Windsor Volcanics	Footwall Rh 70.93	0.072	11.28
Mt Windsor Volcanics	Footwall Rh 73.55	0.078	12.29
Mt Windsor Volcanics	Footwall Rh 71.9	0.033	6.69
Range Group	Chlorite-trer 42.12	0.08	14
Mt Windsor Volcanics	Footwall Rh 81.41	0.033	7.68
Range Group	Quartz-felds 75.59	0.235	13.6
Range Group	Quartz-felds 74.98	0.207	12.12
Range Group	Quartz-felds 72.62	0.282	12.25
Range Group	Hanging-wa 68	0.222	14.6
Range Group	clast is HWF 76	0.224	11
Range Group	Hanging-wa 71.6	0.294	12.4
Range Group	clast is HWF 77.3	0.267	10.2
Range Group	Basaltic and 41.8	0.284	12.8
Range Group	Basaltic and 48.8	0.519	15.1
Range Group	Semimassiv 91.3	0.001	0.07
Range Group	Hanging wal 69.1	0.46	13.8
Range Group	Altered daci 64.5	0.34	10.8
Range Group	Vocaniclasti 80.9	0.125	6.38
Range Group	Quartz-felds 73.5	0.225	12.5
Range Group	Dacitic volca 69	0.5	13.9
Range Group	Basaltic and 65.8	0.647	15
Range Group	Dacitic volca 62.9	0.607	15.8
Range Group	Dacitic volca 67.3	0.419	14.8
Range Group	Hanging wal 72.1	0.45	13
Range Group	Dacitic volca 64.8	0.332	15.1
Range Group	Dacitic volca 62.2	0.384	13.7
Range Group	Hanging wal 68.6	0.474	14.1
Range Group	Vocaniclasti 56.7	0.235	13.4
Range Group	Vocaniclasti 62.9	0.153	17
Range Group	Vocaniclasti 64.4	0.152	14.4
Range Group	Semimassiv 20.2	0.027	3.54
Range Group	Semimassiv 8.07	0.001	1.6
Range Group	Semimassiv 9.69	0.016	1.85
Range Group	Chlorite-trer 40.8	0.11	8.47
Range Group	Chlorite-trer 33.1	0.06	6.48
Range Group	Chlorite-trer 34.9	0.042	5.08
Range Group	Chlorite-trer 11.2	0.007	1.13
Range Group	Chlorite-trer 41.5	0.011	2.42
Range Group	Chlorite-trer 12.4	0.001	1.74
Range Group	Chlorite-trer 25.7	0.01	3.98
Range Group	Chlorite-trer 37.5	0.017	4.3
Range Group	Chlorite-trer 18.6	0.012	2.5
Range Group	Semimassiv 22.4	0.042	7.39
Range Group	Semimassiv 12.2	0.058	5.25
Range Group	Semimassiv 22	0.187	4
Range Group	Semimassiv 24.5	0.172	12.7
Range Group	Semimassiv 16.7	0.15	9.95
Range Group	Semimassiv 17.7	0.115	9.78
Range Group	Semimassiv 12.6	0.064	5.38

Mt Windsor Volcanics	Footwall Rh	69.8	0.119	8.03
Mt Windsor Volcanics	Footwall Rh	81.1	0.06	7
Mt Windsor Volcanics	Footwall Rh	73.4	0.064	7.25
≡ Range Group	Chlorite-trer	38.4	0.158	18.8
Mt Windsor Volcanics	Footwall Rh	72	0.074	9.59
Mount Windsor Volcanics	Carbonate-	33.1	0.06	6.48
≡ Range Group	Altered foot	45.39	1.38	15.39
≡ Range Group	Altered foot	69.06	0.2	9.34
≡ Range Group	Altered han	68.89	0.28	10.19
Mount Windsor Volcanics	Quartz-eye	74	0.28	13.5
Mount Windsor Volcanics	Quartz-eye	71.7	0.25	12.5
Trooper Creek Formation	Andesite	60.66	0.8	15.33
Ti-rich dikes and volcanics	Andesite	53.34	1.83	14.55
Trooper Creek Formation	Andesite	62.82	0.72	15.4
Trooper Creek Formation	Andesite	54.25	0.84	17.91
Trooper Creek Formation	Dacite	76.11	0.29	13.4
Trooper Creek Formation	Dacite	73.78	0.38	14.31
Trooper Creek Formation	Dacite	65.64	0.64	15.06
Ti-rich dikes and volcanics	Andesite	54.8	2.13	14.29
Trooper Creek Formation	Dacite	75.28	0.33	12.95
Trooper Creek Formation	Dacite	73.38	0.36	13.57
Mount Windsor Volcanics	Rhyolite	78.06	0.23	11.78
Mount Windsor Volcanics	Rhyolite	77.59	0.05	12.08
Ti-rich dikes and volcanics	Basalt	50.75	1.81	14.01
Puddler Creek Formation Volcanics	Andesite	53.16	1.33	17.95
Mount Windsor Volcanics	Rhyolite	77.66	0.04	11.8
≡ Range Group	Mineralised	56.87	0.8	13.42
≡ Range Group	Massive sulf	11.07	0.15	3.15
≡ Range Group	partly altere	71.96	0.3	10.62
Puddler Creek Formation Volcanics	Dacite	66.81	0.98	14.8
Ti-rich dikes and volcanics	Basalt	51.05	1.41	15.77
Puddler Creek Formation Volcanics	Andesite	61.76	1.2	16.8
Mount Windsor Volcanics	Rhyolite	78.4	0.04	12.32
Ti-rich dikes and volcanics	Andesite	54.39	1.2	16.07
Mount Windsor Volcanics	Rhyolite	78.58	0.17	11.6
Trooper Creek Formation	Basalt	50.49	0.68	18.96
Ti-rich dikes and volcanics	Andesite	53.54	1.78	14.81
Trooper Creek Formation	Dacite	75.48	0.65	11.69
Mount Windsor Volcanics	Rhyolite	77.44	0.09	12.18
Mount Windsor Volcanics	Rhyolite	78.71	0.1	11.24
Mount Windsor Volcanics	Rhyolite	76.64	0.11	12.41
Mount Windsor Volcanics	Rhyolite	78.96	0.06	12.14
Ti-rich dikes and volcanics	Basalt	50.76	1.48	15.34
Mount Windsor Volcanics	Rhyolite	77.25	0.1	11.9
Mount Windsor Volcanics	Rhyolite	82.02	0.08	8.84
Mount Windsor Volcanics	Rhyolite	66.82	0.08	11.26
Mount Windsor Volcanics	Rhyolite	78.26	0.06	12.05
Trooper Creek Formation	Basalt	52.36	0.43	14.61
Mount Windsor Volcanics	Rhyolite	74.41	0.09	12.18
Mount Windsor Volcanics	Rhyolite	70.85	0.1	14.45
Mount Windsor Volcanics	Rhyolite	74.62	0.09	13.4
Mount Windsor Volcanics	Rhyolite	79.21	0.07	11.57
Mount Windsor Volcanics	Rhyolite	72.7	0.09	12.22
Mount Windsor Volcanics	Rhyolite	63.38	0.05	7.99
Mount Windsor Volcanics	Rhyolite	64.37	0.12	17.56
Mount Windsor Volcanics	Rhyolite	72.56	0.1	12.55

Mount Windsor Volcanics	Rhyolite	55.36	0.1	13.9
Trooper Creek Formation	Dacite	71.75	0.5	14.5
Mount Windsor Volcanics	Rhyolite	77.81	0.07	10.54
Mount Windsor Volcanics	Dacite	75.86	0.36	12.31
Mount Windsor Volcanics	Dacite	74.02	0.33	12.72
Mount Windsor Volcanics	Rhyolite	75.37	0.08	10.7
Mount Windsor Volcanics	Rhyolite	77.39	0.09	11.85
Mount Windsor Volcanics	Rhyolite	79.33	0.09	11.66
Mount Windsor Volcanics	Rhyolite	76.71	0.07	10.18
Mount Windsor Volcanics	Rhyolite	75.87	0.1	12.17
Mount Windsor Volcanics	Rhyolite	76.39	13	12.05
Mount Windsor Volcanics	Rhyolite	77.8	0.07	8.83
Trooper Creek Formation	Basalt	48.78	0.73	17.14
Trooper Creek Formation	Dacite	72.62	0.44	13.85
Mount Windsor Volcanics	Rhyolite	78.48	0.08	11.6
Mount Windsor Volcanics	Rhyolite	74.39	0.11	13.75
Mount Windsor Volcanics	Dacite	81.41	0.18	10.43
Mount Windsor Volcanics	Rhyolite	75.25	0.07	11.13
Mount Windsor Volcanics	Rhyolite	75.29	0.09	12.79
Mount Windsor Volcanics	Rhyolite	74.54	0.06	8.4
Mount Windsor Volcanics	Rhyolite	71.22	0.05	8.28
Mount Windsor Volcanics	Rhyolite	67.08	0.07	10.44
Mount Windsor Volcanics	Rhyolite	72.73	0.08	12.33
Mount Windsor Volcanics	Dacite	73.08	0.53	13.66
Mount Windsor Volcanics	Dacite	72.99	0.29	11.09
Mount Windsor Volcanics	Rhyolite	84.24	0.06	7.43
Mount Windsor Volcanics	Rhyolite	71.59	0.07	11.03
Mount Windsor Volcanics	Rhyolite	78.04	0.06	9.48
Mount Windsor Volcanics	Rhyolite	66.93	0.1	14.57
Mount Windsor Volcanics	Rhyolite	49.3	0.1	13.47
Mount Windsor Volcanics	Rhyolite	69.97	0.11	13.06
≡ Range Group	unaltered fc	60.76	0.89	12.7
≡ Range Group	unaltered fc	76	0.22	12.5
≡ Range Group	unaltered fc	72.65	0.29	12.6
Ti-rich dikes and volcanics	Andesite	55.82	1.42	15.12
Trooper Creek Formation	Dacite	69.93	0.51	14.44
Trooper Creek Formation	Andesite	58.58	0.77	18.35
Puddler Creek Formation Volcanics	Andesite	58.85	1.55	18.6
Puddler Creek Formation Volcanics	Dacite	63.41	1.81	15.37
Mount Windsor Volcanics	Rhyolite	79.44	0.12	11.85
Puddler Creek Formation Volcanics	Andesite	57.18	1.24	19.91
Mount Windsor Volcanics	Rhyolite	78.02	0.06	11.27
Ti-rich dikes and volcanics	Basalt	52.87	2.31	14.91
Puddler Creek Formation Volcanics	Dacite	64.68	1.21	16.68
Hammonds Creek Granodiorite	GRANODIOF	66.8	0.48	15.45
Hammonds Creek Granodiorite	QUARTZ DIC	58.9	0.85	16.59
	GRANITE	76.1	0.12	12.28
Elizabeth Creek Granite	MICROGRA	76.5	0.14	12.21
Nanyeta Volcanics	RHYODACIT	74.3	0.18	13.44
Nanyeta Volcanics	TUFF	74.3	0.31	14.55
Nanyeta Volcanics	RHYODACIT	71.9	0.27	14.01
Elizabeth Creek Granite	LEUCOGRAM	77	0.07	12.15
Ruddygore Granodiorite	GRANODIOF	67.4	0.46	15.1
Ruddygore Granodiorite	GRANODIOF	67.5	0.05	15.3
Petford Granite	GRANODIOF	66.76	0.29	15.32
Lucy Granite	MONZOGRA	73.84	0.15	13.72

Lucy Granite	MONZOGRA	73.7	0.28	13.51
Opah Granite	GRANITE	77.3	0.11	11.94
Nanyeta Volcanics	TUFF ALTD	71.9	0.29	13.04
Nanyeta Volcanics	TUFF	76.3	0.11	11.87
Nymbool Granite	MONZOGRA	68.8	0.3	11.58
Nymbool Granite	GRANODIOF	74.3	0.24	13.25
Nymbool Granite	GRANODIOF	68.3	0.38	15.2
Elizabeth Creek Granite	GRANITE LE	78.6	0.09	11.43
Ruddygore Granodiorite	GRANODIOF	66.6	0.48	15.06
Herbert River Granite	MONZOGRA	73.1	0.31	13.79
Herbert River Granite	MICROGRAI	76.4	0.16	12.5
Herbert River Granite	MONZOGRA	75.9	0.13	12.96
Elizabeth Creek Granite	MONZOGRA	77.2	0.12	12.05
Herbert River Granite	MONZOGRA	70.3	0.41	14.17
Herbert River Granite	MONZOGRA	75.5	0.2	12.76
Herbert River Granite	MONZOGRA	71.5	0.35	13.76
	ANDESITE	61.2	1.12	15.91
	ANDESITE	61.3	1.66	16.25
	IGNIMBRITE	75.77	0.24	12.19
Redcap Volcanics	GRANITE	75.18	0.11	12.6
Redcap Volcanics	GRANITE	65.69	0.62	14.94
	RHYOLITE	70.3	0.06	10.7
	RHYOLITE	67.45	0.07	10.28
	RHYOLITE	73.82	0.06	10.03
	RHYOLITE	62.77	0.07	9.98
	RHYOLITE	76.03	0.07	12.03
	RHYOLITE	74.32	0.06	9.2
	RHYOLITE	59.61	0.06	9.02
	RHYOLITE	73.57	0.07	11.2
	RHYOLITE	74.03	0.07	11.44
	RHYOLITE	75.13	0.08	12.2
	RHYOLITE	44.27	0.07	10.02
	RHYOLITE	47.75	0.05	4.04
	RHYOLITE	74.58	0.06	10.97
	RHYOLITE	71.09	0.07	11.32
	RHYOLITE	70.67	0.06	11.28
Hammonds Creek Granodiorite	GRANODIOF	67.8	0.54	15.09
Glen Gordon Volcanics	TUFF	71.5	0.23	14.04
Hammonds Creek Granodiorite	GRANODIOF	71.4	0.29	14.45
Hammonds Creek Granodiorite	GRANODIOF	71.3	0.27	14.74
Ootann Supersuite-Cgto	MICROGRAI	76	0.1	12.25
Elizabeth Creek Granite	MICROGRAI	76.6	0.07	12.18
Nymbool Granite	GRANITE	75.6	0.22	12.28
Nanyeta Volcanics	RHYODACIT	67.4	0.61	14.83
Nymbool Granite	GRANITE	71.3	0.39	13.94
Elizabeth Creek Granite	MICROGRAI	76.4	0.05	12.34
Nymbool Granite	GRANITE	73.3	0.29	13.59
Nymbool Granite	GRANITE	74.5	0.12	13.13
Nymbool Granite	MONZOGRA	73.6	0.25	13.59
Nanyeta Volcanics	RHYOLITE	79.1	0.1	11.46
Elizabeth Creek Granite	GRANITE	76.8	0.1	12.29
Elizabeth Creek Granite	GRANITE	76.4	0.1	12.15
Nanyeta Volcanics	RHYODACIT	74.7	0.23	12.68
Nanyeta Volcanics	RHYODACIT	70.5	0.26	14.42
Petford Granite	GRANODIOF	61.2	0.61	15.18
Almaden granodiorite	GRANODIOF	66.4	0.49	14.86

Almaden granodiorite	XENOLITH (154.9	0.65	16.77
Nanyeta Volcanics	IGNIMBRITE 71.3	0.27	14.6
Nymbool Granite	GRANITE 72.9	0.3	13.5
	GRANITE 73.53	0.24	13.37
Almac Granodiorite	GRANODIOF 64.89	0.47	15.54
Almac Granodiorite	GRANODIOF 64.62	0.52	15.74
	GRANITE 71.21	0.36	14.1
	GRANITE 76.25	0.06	12.48
	GRANITE 74.01	0.18	13.79
	GRANITE 76.6	0.08	12.13
	GRANITE 76.24	0.08	12.34
	GRANITE 74.48	0.21	13.28
	DIORITE 61.78	0.86	16.02
Nymbool Granite	GRANITE 73.11	0.27	13.46
Elizabeth Creek Granite	GRANITE 76.19	0.14	12.35
Hammonds Creek Granodiorite	GRANODIOF 67.54	0.53	14.92
Herbert River Granite	GRANITE 69.28	0.39	14.28
	GRANODIOF 63.66	0.75	16.69
Nymbool Granite	GRANITE 72.9	0.3	13.5
Hammonds Creek Granodiorite	GRANODIOF 63.74	0.63	15.38
O'Briens Creek Supersuite-Cgtb	GRANITE 76.33	0.08	11.76
Cgg-7862	DIORITE ? 58.5	0.9	17.5
Crane Creek Granite	GRANITE 74.4	0.23	12.9
Koogangoona Granite	GRANITE 74.7	0.16	13.2
	ANDESITE 63.9	0.8	15.1
Awring Granodiorite	GRANODIOF 65.78	0.7	16.35
Awring Granodiorite	GRANODIOF 66.19	0.66	16.23
Bullseye Rhyolite	IGNIMBRITE 77.8	0.26	10.94
Bullseye Rhyolite	IGNIMBRITE 72.82	0.1	14.96
Awring Granodiorite	GRANODIOF 65.95	0.7	16.06
Awring Granodiorite	GRANODIOF 65.56	0.69	16.09
Awring Granodiorite	GRANODIOF 65.7	0.71	16
Wallys Dolerite	DOLERITE 50.5	1.16	14.7
Wallys Dolerite	DOLERITE 72.82	0.1	14.96
	MONZONITE 53.4	1.81	15.6
	GRANODIOF 62.7	0.72	16.1
	GRANODIOF 61.1	0.77	16.8
	GRANODIOF 65.8	0.67	15
	GRANODIOF 65.08	0.73	15.45
Mount Windsor Volcanics	RHYOLITE A 80.09	0.06	11.6
	GRANODIOF 65.7	0.67	15.1
	DIORITE 54.9	1.08	17.2
	GRANODIOF 61.9	0.53	16.1
Retreat Granite (Suite)	GRANODIOF 60.1	0.61	16.1
Whitdale Granodiorite	GRANODIOF 68.2	0.34	15.4
Mount Newsome Granodiorite	QUARTZ MII 58.7	0.79	17.5
Purkin Granite	GRANITE 75.1	0.23	12.73
Purkin Granite	GRANITE 76.06	0.2	12.01
Kintore Adamellite	GRANODIOF 75.17	0.13	14.43
Kintore Granite	GRANITE 74.85	0.02	14.96
Kintore Adamellite	GRANODIOF 70.63	0.52	15.01
Blue Mountains Adamellite	ADAMELLITE 64.98	0.82	16.06
Blue Mountains Adamellite	GRANITE 71.99	0.32	14.11
Kintore Granite	GRANITE 74.81	0.1	15.54
Aralba Granite	GRANITE 75.16	0.17	16.06
Aralba Granite	GRANITE 75.26	0.02	15.37

Lankelly Granite	GRANITE	70.33	0.45	15.03
Twin Dams Andesite	ANDESITE	53.3	1.35	17.39
Robin Hood Granodiorite	GRANITE	72.3	0.13	15.39
White Springs Granodiorite/1	GRANODIOF	69.7	0.28	15.59
Elizabeth Creek Granite	GRANITE	75.2	0.13	12.76
Prestwood Microgranite	MONZOGRA	74.5	0.18	13.02
Mount Rous Microgranodiorite	MICROGRA	64.4	0.62	16.6
Black Soil Andesite	ANDESITE	59	1.55	13.07
Herbert River Granite	GRANODIOF	70.7	0.42	14.35
Ootann Supersuite-Cgto	MONZOGRA	77	0.06	12.84
Sandy Tate Granite	MONZOGRA	74.3	0.23	13.41
McCord Granite	GRANITE	77.6	0.06	12.21
Rose Creek Granite	GRANITE	76.1	0.12	12.98
Desert Creek Granite	GRANITE	76.2	0.15	12.57
Ixe Microgranodiorite	MONZOGRA	72.1	0.28	14.14
Ootann Supersuite-Cgto	GRANITE	77.6	0.12	11.89
Oak River Granodiorite/e	TONALITE	61.6	0.81	15.55
Puppy Camp Granodiorite	GRANITE	75.3	0.04	14.13
Elizabeth Creek Granite	GRANITE	76.8	0.07	12.25
Oak River Granodiorite/x	MONZOGRA	76.7	0.04	12.41
Sues Creek Microgranite	RHYODACIT	72.3	0.32	13.86
Ootann Supersuite-Cgto	MICROGRA	75.5	0.11	13.03
Ootann Supersuite-Cgto	MICROGRA	73.8	0.12	13.66
Cumbana Rhyolite?	GRANITE LE	77.1	0.04	12.34
Lochaber Granite/2	GRANITE LE	77.2	0.04	12.75
Eastdale Granite	MICROGRA	76.6	0.05	12.23
Mount Darcy Microgranodiorite	MICROGRA	69.4	0.37	15.46
White Springs Granodiorite/1	GRANODIOF	70.7	0.31	16.33
Mosaic Gully Rhyolite	RHYODACIT	74.6	0.19	12.91
Flyspeck Granodiorite	UNKNOWN	67.48	0.43	15.73
Nundah Granodiorite	MONZOGRA	73.2	0.21	15.25
Nundah Granodiorite	MONZOGRA	72.6	0.25	15.03
Mount Sircom Microgranodiorite	DACITE	70.4	0.23	15.49
Mount Sircom Microgranodiorite	DACITE	67.6	0.29	15.38
CPir-Kennedy Province	DACITE	68.4	0.3	15.29
Mount Sircom Microgranodiorite	DACITE	69.4	0.23	15.69
Mount Sircom Microgranodiorite	DACITE	65.3	0.63	14.04
Prestwood Microgranite	PORPHYRY	74.4	0.2	12.8
Mount Darcy Microgranodiorite	MICROGRA	69.4	0.43	15.38
Prestwood Microgranite	MONZOGRA	74.6	0.18	12.88
Prestwood Microgranite	MONZOGRA	72.8	0.31	13.27
Prestwood Microgranite	RHYODACIT	76.7	0.04	13.05
Mount Darcy Microgranodiorite	DACITE	67.4	0.36	15.58
Mount Darcy Microgranodiorite	DACITE	69.5	0.34	14.56
Brandy Hot Granodiorite	MONZOGRA	72	0.16	15.29
Robin Hood Granodiorite	GRANODIOF	67.4	0.48	15.04
Robin Hood Granodiorite	GRANODIOF	69.1	0.44	14.49
Robin Hood Granodiorite	GRANODIOF	68.5	0.43	14.86
Bagstowe Granite	GRANITE LE	75.4	0.18	13.45
Paddock Creek Formation/3	RHYODACIT	65.2	0.61	16.91
Anning Granite	GRANITE LE	74.9	0.05	13.65
Dumbano Granite/1	MONZOGRA	73.1	0.14	14.85
CPir-Kennedy Province	RHYOLITE	76.4	0.08	12.71
CPir-Kennedy Province	RHYODACIT	71.5	0.29	14.92
Mount Rous Microgranodiorite	MICROGRA	66.1	0.61	16.21
CPir-Kennedy Province	RHYOLITE	77	0.1	13.02

Mount Rous Microgranodiorite	MICROGRA	64.8	0.63	16.44
Dumbano Granite/1	MONZOGRA	74.4	0.09	14.96
Dumbano Granite/1	MONZOGRA	75.3	0.06	13.92
CPia-Kennedy Province	ANDESITE	59.1	1.27	15.42
CPir-Kennedy Province	RHYOLITE	76.9	0.11	12.79
Old Man Rhyolite	MONZOGRA	71.9	0.32	14.17
CPir-Kennedy Province	ANDESITE	61.4	0.86	17.06
Paddock Creek Formation/3	RHYODACIT	68.7	0.44	15.77
Paddock Creek Formation/3	RHYODACIT	70.9	0.38	14.95
Paddock Creek Formation/3	RHYODACIT	73.5	0.28	14.48
CPir-Kennedy Province	DACITE	66.7	0.59	15.32
Old Man Rhyolite	RHYOLITE	77.3	0.14	12.33
Old Man Rhyolite	RHYOLITE	77.1	0.1	12.55
Paddock Creek Formation/3	RHYODACIT	71.9	0.33	13.91
Bagstowe Granite	MONZOGRA	73.7	0.26	13.82
Bagstowe Granite	MONZOGRA	72.6	0.33	14.53
Bagstowe Granite	MONZOGRA	74.5	0.21	13.66
Bagstowe Granite	MONZOGRA	72.4	0.37	14.31
Black Cap Microdiorite	QUARTZ DIC	53	1.98	15.98
Black Cap Microdiorite	MICRODIOR	59.6	1.53	15.67
Bagstowe Granite	MONZOGRA	73.4	0.23	13.44
Conical Knob Microgranite	MONZOGRA	72.7	0.25	14.25
Paddock Creek Formation/2	DACITE	65.6	0.72	15.88
Paddock Creek Formation/2	TUFF	66.4	0.67	15.95
Paddock Creek Formation/2	TUFF	75.1	0.2	13.3
Sues Creek Microgranite	RHYOLITE	76.8	0.17	12.62
Christmas Hill Creek Trondhjemite	TRONDHJEN	71.6	0.15	16.54
Christmas Hill Creek Trondhjemite	TRONDHJEN	69.4	0.27	16.08
Christmas Hill Creek Trondhjemite	TRONDHJEN	71.3	0.23	15.76
Oak River Granodiorite/x	TONALITE	62.5	0.81	15.52
Oak River Granodiorite/x	GRANODIOF	71.4	0.17	15.01
Bousey Rhyolite/2c	IGNIMBRITE	77.3	0.08	11.63
Mamberra Andesite Member	DACITE	64.9	0.84	15.06
Dumbano Granite/1	MONZOGRA	75.3	0.06	14.18
Dumbano Granite/1	MONZOGRA	72.6	0.17	14.29
Dumbano Granite/2	MONZOGRA	73.5	0.07	15.01
Dumbano Granite/1?	GRANODIOF	73.5	0.14	14.56
Eleven-B Granite	GRANODIOF	69.7	0.13	16.58
Bousey Rhyolite/2b	RHYOLITE	78	0.1	11.57
CPir-Kennedy Province	RHYOLITE	76.6	0.14	12.2
Routh Dacite	IGNIMBRITE	61.3	0.76	13.31
Routh Dacite	IGNIMBRITE	63.3	0.79	14.09
Corkscrew Rhyolite	IGNIMBRITE	73.9	0.22	12.51
Corkscrew Rhyolite	IGNIMBRITE	72.2	0.22	11.88
Kitchen Creek Rhyolite	IGNIMBRITE	75	0.17	12.39
Kitchen Creek Rhyolite	IGNIMBRITE	75.3	0.15	12.06
Corkscrew Rhyolite	IGNIMBRITE	77.7	0.15	11.88
CPir-Kennedy Province	RHYOLITE	76.3	0.1	12.03
Routh Dacite	DACITE	66.4	0.81	14.35
Routh Dacite	DACITE	66.9	0.81	14.29
Routh Dacite	DACITE	67	0.79	14.24
Routh Dacite	IGNIMBRITE	62.2	0.95	13.79
Routh Dacite	DACITE	65.5	0.91	14.57
CPir-Kennedy Province	RHYOLITE	76.4	0.12	12.29
CPir-Kennedy Province	RHYODACIT	74.1	0.28	11.97
White Springs Granodiorite/2	MONZOGRA	74.5	0.09	14.62

White Springs Granodiorite/2	MONZOGRA 68.6	0.32	14.94
CPir-Kennedy Province	DACITE 74.5	0.18	12.49
Beril Peak Rhyolite	IGNIMBRITE 72.5	0.29	13.58
Beril Peak Rhyolite	IGNIMBRITE 71.7	0.33	13.75
White Springs Granodiorite/3	GRANODIOF 73	0.09	15.36
White Springs Granodiorite/1	GRANODIOF 68.1	0.34	15.47
White Springs Granodiorite/1	GRANODIOF 70	0.28	15.37
White Springs Granodiorite/2	GRANODIOF 70.6	0.24	15.55
White Springs Granodiorite/1	GRANODIOF 71.4	0.23	14.64
Routh Dacite	DACITE 66.3	0.81	14.49
Routh Dacite	RHYODACIT 69.9	0.49	13.73
Corkscrew Rhyolite	IGNIMBRITE 76.3	0.14	12.2
Corkscrew Rhyolite	IGNIMBRITE 76.3	0.14	12.04
Corkscrew Rhyolite	IGNIMBRITE 76.6	0.13	12.12
White Springs Granodiorite/1	GRANODIOF 71.3	0.27	15.04
CPir-Kennedy Province	RHYOLITE 76.1	0.04	12.44
Whitewater Creek Granite	GRANITE 76.9	0.02	12.93
Whitewater Creek Granite	GRANITE 76.6	0.03	12.69
Whitewater Creek Granite	MONZOGRA 77	0.04	12.26
Whitewater Creek Granite	MONZOGRA 76.9	0.03	12.69
Whitewater Creek Granite	MONZOGRA 75	0.11	12.7
Whitewater Creek Granite	MONZOGRA 77.4	0.1	12.06
Whitewater Creek Granite	MONZOGRA 76.3	0.03	12.51
Sandy Tate Granite	MONZOGRA 76.2	0.19	11.9
Sandy Tate Granite	MONZOGRA 72.3	0.3	14.12
Sandy Tate Granite	MONZOGRA 74.7	0.25	11.9
Sandy Tate Granite	MONZOGRA 75.7	0.19	12.34
Sandy Tate Granite	MONZOGRA 73.8	0.13	13.61
Rudd Granite	MONZOGRA 73.9	0.11	13.18
Rudd Granite	MONZOGRA 75.3	0.06	13.02
Rattler Granite	MONZOGRA 72.8	0.26	13.4
Rattler Granite	MONZOGRA 70	0.36	14.71
Rattler Granite	MONZOGRA 73.7	0.11	13.98
Ixe Microgranodiorite	MONZOGRA 73	0.27	14.02
Fulford Creek Granite	MONZOGRA 71.6	0.29	13.94
Whistler Granite	MONZOGRA 74	0.28	12.82
Blackman Gap Complex	GRANITE 75.7	0.21	12.48
Mount Cardwell Granite	GRANITE 75.3	0.11	12.66
Mount Cardwell Granite	GRANITE 76.4	0.06	12.07
Mount Cardwell Granite	MONZOGRA 75.7	0.11	12.51
Elizabeth Creek Granite	GRANITE 77.3	0.09	12.48
Elizabeth Creek Granite	GRANITE 76.7	0.11	12.56
Herbert River Granite	MONZOGRA 73	0.21	13.68
Herbert River Granite	MONZOGRA 75	0.26	12.51
Tenavute Microgranite	MICROGRAI 78.28	0.1	11.62
Mopata Microgranite	MICROGRAI 72.21	0.25	13.81
MacCallor Microgranodiorite	MICROGRAI 65.26	0.9	14.05
Jinker Creek Rhyolite/b	IGNIMBRITE 73.62	0.29	12.61
Mamberra Andesite Member	ANDESITE 67.31	0.74	14.08
CPir-Kennedy Province	RHYOLITE 75.39	0.08	13.02
Mamberra Andesite Member	ANDESITE 57.18	1.23	15.29
Bousey Rhyolite/2b	IGNIMBRITE 69.92	0.49	14.43
CPir-Kennedy Province	RHYOLITE 73.4	0.24	13.22
Dagworth Andesite	ANDESITE 54.11	1.25	17.56
CPir-Kennedy Province	BRECCIA 64.97	0.98	7.92
Bousey Rhyolite/2b	IGNIMBRITE 76.98	0.2	11.5

Bousey Rhyolite/2b	IGNIMBRITE 76.31	0.16	12.17
CPir-Kennedy Province	RHYOLITE 74.42	0.23	11.6
Tenavute Microgranite	MICROGRAI 73.06	0.28	13.01
Eva Creek Microgranite	GRANITE 73.28	0.21	13.12
Eva Creek Microgranite	LEUCOGRAM 76.51	0.04	12.15
Eva Creek Microgranite	GRANITE 76.1	0.11	12.42
Bousey Rhyolite/2b	OBSIDIAN 74.42	0.05	11.64
Caterpillar Microgranite	MICROGRAI 74.92	0.19	12.52
Caterpillar Microgranite	MICROGRAI 75.19	0.15	12.26
Caterpillar Microgranite	MICROGRAI 75	0.14	11.9
Brodies Gap Rhyolite	IGNIMBRITE 74.17	0.25	12.83
Bousey Rhyolite/2b	IGNIMBRITE 77.54	0.07	11.94
Dagworth Andesite	ANDESITE 61.93	1.35	13.87
Lubrina Granite	GRANITE 73.61	0.28	13.28
Mount Departure Microgranite	MICROGRAI 73.37	0.2	13.19
Carnes Granodiorite	GRANODIOF 70.19	0.36	15.83
Ant Hill Andesite Member	ANDESITE 53.9	1.27	16.4
Womblealla Rhyolite Member	ANDESITE 66.6	0.58	13.6
Ant Hill Andesite Member	ANDESITE 58.9	1.39	15.3
Ant Hill Andesite Member	ANDESITE 55.5	2.45	15.2
Culba Granodiorite	GRANODIOF 68.5	0.55	14.9
Culba Granodiorite/g	GRANITE 71.1	0.4	14.3
Culba Granodiorite	GRANODIOF 69.2	0.52	14.7
Culba Granodiorite	GRANODIOF 66.1	0.66	15.4
Anning Granite	LEUCOGRAM 74.7	0.11	13.8
Anning Granite	LEUCOGRAM 73.4	0.11	15
Anning Granite	LEUCOGRAM 73.5	0.12	14.7
Anning Granite	LEUCOGRAM 75.5	0.09	13.4
Loafers Granodiorite	GRANODIOF 70.5	0.26	14.8
Gongora Granodiorite	GRANODIOF 68.76	0.51	15.34
Mopata Microgranite	MICROGRAI 73.39	0.25	13.69
Mopata Microgranite	MICROGRAI 72.74	0.23	14.2
Jinker Creek Rhyolite/b	IGNIMBRITE 73.48	0.32	13.33
Bousey Rhyolite/2b	IGNIMBRITE 77.17	0.16	11.81
Bousey Rhyolite/2b	GREISEN 80.27	0.17	11.45
CPir-Kennedy Province	RHYOLITE 75.03	0.11	12.41
CPir-Kennedy Province	RHYOLITE 75.6	0.08	12.63
CPir-Kennedy Province	RHYOLITE 75.38	0.13	12.59
CPir-Kennedy Province	RHYOLITE 76.38	0.13	12.27
CPir-Kennedy Province	RHYOLITE 76.89	0.14	12.12
CPir-Kennedy Province	RHYOLITE 71.51	0.29	13.76
CPir-Kennedy Province	RHYOLITE 76.05	0.1	12.21
CPir-Kennedy Province	RHYOLITE 75.83	0.1	12.23
CPir-Kennedy Province	RHYOLITE 77.73	0.17	12.69
CPir-Kennedy Province	RHYOLITE 75.12	0.03	13.46
CPir-Kennedy Province	RHYOLITE 77.33	0.09	10.99
CPir-Kennedy Province	RHYOLITE 76.49	0.06	12.28
CPir-Kennedy Province	RHYOLITE 75.82	0.05	12.43
CPir-Kennedy Province	RHYOLITE 79.28	0.08	11.05
CPir-Kennedy Province	RHYOLITE 75.86	0.05	12.35
CPir-Kennedy Province	RHYOLITE 76.85	0.09	11.41
CPir-Kennedy Province	RHYOLITE 79.21	0.09	10.54
CPir-Kennedy Province	RHYOLITE 78.38	0.06	11.92
CPir-Kennedy Province	RHYOLITE 77.24	0.1	12.07
CPir-Kennedy Province	RHYOLITE 75.7	0.15	12.51
CPir-Kennedy Province	RHYOLITE 81.12	0.06	10.8

Kintore Granite	GRANITE	73.39	0.14	14.3
	BASALT	46.75	1.72	16.67
Flyspeck Granodiorite	GRANODIOF	68.91	0.49	15.73
Flyspeck Granodiorite	GRANODIOF	69.25	0.52	15.43
Wigan Adamellite	GRANITE	71.75	0.31	14.41
Blue Mountains Adamellite	GRANITE	67.3	0.7	14.74
Blue Mountains Adamellite	GRANITE	73.78	0.17	13.37
Blue Mountains Adamellite	GRANITE	68.1	0.37	14.94
Blue Mountains Adamellite	GRANITE	60.35	1.13	16.42
	DIORITE	49.73	1.18	13.83
Flyspeck Granodiorite	GRANODIOF	68.92	0.67	15.45
Kintore Granite	GRANITE	72.93	0.22	14.09
Kintore Granite	GRANITE	73.63	0.12	14.27
Kintore Granite	GRANITE	72.5	0.23	14.74
	UNKNOWN	76.17	0.27	13.02
Kintore Granite	GRANITE	73.36	0.13	14.69
Lankelly Granite	GRANITE	71.2	0.4	14.13
Kintore Granite	GRANITE	72.95	0.23	14.79
Kintore Granite	GRANITE	72.38	0.21	15.01
Kintore Granite	GRANITE	73.46	0.12	14.74
Kintore Granite	GRANITE	73.92	0.13	14.92
Lankelly Granite	GRANITE	71.47	0.36	15.11
Artemis Granodiorite	GRANODIOF	65.57	0.58	17.21
Artemis Granodiorite	GRANITE	68.5	0.48	15.78
Kintore Granite	GRANITE	72.17	0.37	14.42
Kintore Granite	GRANITE	75.2	0.04	13.29
Kintore Granite	GRANITE	71.87	0.19	15.39
Kintore Granite	GRANITE	73.13	0.16	14.5
Kintore Granite	GRANITE	73.08	0.15	14.7
Scardons Volcanic Group	TUFF	72.29	0.32	12.9
Scardons Volcanic Group	TUFF	76.96	0.07	11.89
Scardons Volcanic Group	TUFF	75.73	0.15	12.47
Scardons Volcanic Group	TUFF	74.35	0.25	12.75
Elizabeth Creek Granite	GRANITE	77.21	0.07	12.03
Galloway Volcanics	TUFF	68.8	0.5	14.23
Galloway Volcanics	ANDESITE	64.64	0.61	15.91
Elizabeth Creek Granite	GRANITE	72.86	0.31	13.66
Elizabeth Creek Granite	QUARTZ DIC	64.62	0.78	15.63
	GRANITE	69.06	0.23	15.85
	GRANITE	72.91	0.13	14.68
Scardons Volcanic Group	GRANITE	73.25	0.25	13.14
	GRANITE	71.91	0.13	15
	GRANODIOF	65.3	0.49	16.12
	GRANITE	71.83	0.18	15.29
	GRANITE	72.19	0.14	15.24
	GRANODIOF	64.14	0.49	16.97
Elizabeth Creek Granite	GRANITE	72.7	0.35	13.84
Elizabeth Creek Granite	GRANITE	75.34	0.2	12.41
Elizabeth Creek Granite	GRANITE	74.89	0.17	12.85
Morehead Granite	GRANITE	72.68	0.13	15.43
Morehead Granite	GRANITE	73.53	0.08	14.59
Imooya Granite	GRANITE	70.36	0.26	15.15
Kingvale Granite	GRANITE	71.16	0.25	15.53
Kingvale Granite	GRANITE	71.55	0.19	15.41
Burton Lagoon Granite	GRANITE	71.84	0.12	15.3
Scardons Volcanic Group	RHYOLITE	76.95	0.06	11.84

Scardons Volcanic Group	RHYOLITE	76.64	0.04	11.68
	GRANITE	73.7	0.2	13.12
	GRANODIOf	70.57	0.44	14.41
Galloway Volcanics	DACITE	64.41	0.92	14.77
Galloway Volcanics	RHYOLITE	75.03	0.17	12.99
Galloway Volcanics	DACITE	74.14	0.12	13.42
Galloway Volcanics	DACITE	73.97	0.15	13.15
Galloway Volcanics	DACITE	59.46	1.16	15.43
	MONZOGRA	70.66	0.37	13.89
Galloway Volcanics	RHYOLITE	65.11	0.87	14.78
Galloway Volcanics	ANDESITE	63.01	0.93	15.47
	MICRODIOR	64.32	0.77	15.4
	GRANODIOf	65.2	0.78	15.35
Scardons Volcanic Group	RHYOLITE	76.52	0.08	11.88
Scardons Volcanic Group	RHYOLITE	76.72	0.08	11.75
Scardons Volcanic Group	RHYOLITE	76.5	0.06	12.19
Scardons Volcanic Group	RHYOLITE	77.37	0.06	12.08
Scardons Volcanic Group	RHYOLITE	77.01	0.02	11.77
Knob Camp Granodiorite	GRANODIOf	68.78	0.48	13.91
Scardons Volcanic Group	RHYOLITE	76.92	0.03	12.3
Scardons Volcanic Group	RHYOLITE	77.32	0.02	11.99
Scardons Volcanic Group	RHYOLITE	73.33	0.2	13.61
Scardons Volcanic Group	RHYOLITE	73.33	0.2	13.09
	GRANODIOf	69.97	0.43	13.79
First Bull Run Granite	GRANITE	72.94	0.31	13.05
	GRANITE	75.86	0.05	12.22
Galloway Volcanics	DACITE	74.21	0.15	13.1
Galloway Volcanics	GRANITE	76.55	0.06	12.23
	MONZODIO	71.11	0.37	14.16
	MONZODIO	70.63	0.32	14.12
Galloway Volcanics	DACITE	73.38	0.23	12.7
Brodies Camp Supersuite	GRANITE	76.59	0.03	12.11
Morehead Granite	GRANITE	73.45	0.05	14.64
Lilyponds Granite	GRANITE	72.65	0.11	15.3
Ebagoola Granite	GRANITE	75.23	0	14.18
Puppy Camp Granodiorite	GRANITE	67.23	0.27	16.15
Puppy Camp Granodiorite	GRANITE	68.79	0.31	15.74
Puppy Camp Granodiorite	GRANITE	74.92	0.19	12.62
Skeleton Creek Granite	GRANITE	72.7	0.13	14.73
Puppy Camp Granodiorite	GRANITE	70.21	0.18	15.5
Mount Webster Granodiorite	GRANITE	72.82	0.17	14.32
Mount Webster Granodiorite	GRANITE	66.19	0.24	17.34
Mount Webster Granodiorite	GRANITE	71.99	0.13	15.33
Mount Juliet Granite	GRANITE	72.64	0.16	14.89
Oak River Granodiorite/p	GRANITE	64.74	0.51	14.65
Eleven-B Granite?	GRANITE	72.79	0.07	14.88
Eleven-B Granite	GRANITE	71.94	0.11	14.87
Mount Webster Granodiorite	GRANITE	70.29	0.13	16.73
Mount Webster Granodiorite	GRANITE	73.3	0.13	14.8
Mount Webster Granodiorite	GRANITE	70.34	0.15	16.59
Mount Webster Granodiorite	GRANITE	73.2	0.11	14.72
Purkin Granite	GRANITE	73.87	0.18	13.2
Purkin Granite	GRANITE	71.52	0.25	13.89
Purkin Granite	GRANITE	76.68	0.1	12.15
Purkin Granite	GRANITE	74.77	0.22	12.53
Purkin Granite	GRANITE	75.41	0.21	12.32

	GRANITE	68.91	0.33	15.67
	GRANITE	73.9	0.11	14.22
Purkin Granite	GRANITE	72.22	0.28	13.78
Purkin Granite	GRANITE	71.75	0.27	14.02
Purkin Granite	GRANITE	76.46	0.08	12.27
Purkin Granite	GRANITE	68.89	0.7	13.36
Purkin Granite	GRANITE	74.93	0.2	12.54
Purkin Granite	GRANITE	72.81	0.26	13.51
Purkin Granite	GRANITE	74.29	0.27	12.73
Kintore Granite	DYKE	50.2	1.38	14.1
Mount Darcy Microgranodiorite	XENOLITH (I	60.4	0.62	14.78
Mount Darcy Microgranodiorite	MICROGRA	69	0.4	16.12
Kintore Granite	GRANITE	71.4	0.36	14.8
Blue Mountains Adamellite	GRANITE	69.96	0.43	15.46
Lankelly Granite	GRANITE	65.94	0.77	15.74
Kintore Granite	GRANITE	73.61	0.14	14.71
Flyspeck Granodiorite	UNKNOWN	72.68	0.33	13.99
Kintore Granite	GRANITE	74.39	0.15	14.19
Artemis Granodiorite	GRANODIOF	64.1	0.6	17.47
Artemis Granodiorite	GRANITE	73.79	0.18	14.4
Artemis Granodiorite	GRANITE	73.26	0.28	14.02
	GRANITE	71.63	0.2	15.08
	GRANITE	70.27	0.29	15.92
Morehead Granite	GRANITE	73.78	0.04	14.61
Morehead Granite	GRANITE	73.5	0.07	14.57
Rocky King Granite	GRANITE	71.56	0.28	15
Kingvale Granite	GRANITE	71	0.28	15.31
	GRANITE	72.94	0.07	14.77
	GRANITE	72.42	0.17	15.24
	GRANITE	65.78	0.67	15.48
	GRANODIOF	63.62	0.84	15.97
Galloway Volcanics	DACITE	68.39	0.44	15.25
Galloway Volcanics	ANDESITE	53.1	0.92	17.04
Galloway Volcanics	RHYOLITE	74.2	0.21	12.74
Galloway Volcanics	DACITE	73.63	0.1	13.59
Scardons Volcanic Group	ANDESITE	63.14	0.72	16.67
Scardons Volcanic Group	RHYOLITE	75.51	0.08	12.77
	GRANITE	71.11	0.11	15.73
	GRANITE	73.17	0.2	12.92
	RHYOLITE	76.41	0.16	11.86
	GRANITE	74.56	0.18	12.83
Lilyponds Granite	GRANITE	74.1	0.03	14.61
Mount Juliet Granite	GRANITE	72	0.19	15.08
Mount Juliet Granite	GRANITE	72.64	0.12	14.8
Purkin Granite	GRANITE	77.09	0.06	12.18
	GRANODIOF	64.3	0.2	17.8
	GRANODIOF	64.7	0.19	17.6
	ADAMELLITI	72	0.26	13.7
	ADAMELLITI	72.7	0.23	13.5
Aralba Granite	APLITE	74.1	-0.02	14.8
Fernhill Granite	GRANITE	74.1	0.14	14.3
Fernhill Granite	GRANITE	73.7	0.16	14.8
Kokomini Granite	GRANITE	72.2	0.12	15.4
Aralba Granite	GRANITE	73.3	0.12	14.9
Aralba Granite	GRANITE	72.1	0.14	15.1
Aralba Granite	GRANITE	73	0.12	14.6

Burton Lagoon Granite	GRANITE	73.3	0.16	14.8
Fish Creek Granite	GRANITE	73.8	0.06	14.8
Fish Creek Granite	GRANITE	74.1	0.04	14.7
Aralba Granite	GRANITE	73.9	0.14	14.5
Fish Creek Granite	GRANITE	74.6	0.02	14.2
Kokomini Granite	GRANITE	73	0.1	14.9
Kokomini Granite	GRANITE	73.5	0.08	14.8
Terrible Creek	GRANITE	74.4	0.04	14.5
Dalkum Microgranite	MICROGRAI	72.92	0.01	14.78
Dalkum Microgranite	MICROGRAI	73.65	0.02	14.87
Scardons Volcanic Group	IGNIMBRITE	73.3	0.23	13.3
dl-Gt	ANDESITE	55.1	1.59	15.9
	GRANITE	74.17	0.22	13.39
	GRANODIOF	67.3	0.58	15.2
	GRANODIOF	66.74	0.55	15.69
	GRANODIOF	67.25	0.63	15.58
	MONZOGRA	71.15	0.23	14.47
	GRANODIOF	73.12	0.12	14.98
	GRANODIOF	72.65	0.2	15.29
	DIORITE	63.21	0.63	16.03
	GRANODIOF	71.88	0.23	14.98
	GRANITE	76.15	0.1	12.58
	GRANITE	76.58	0.11	12.34
	MONZOGRA	73.1	0.26	13.79
Blackman Gap Complex	GRANITE	71.02	0.23	15.9
Frenchy Creek Granite	MONZOGRA	72.24	0.26	14.09
CPir-Kennedy Province	PORPHYRY	72.38	0.17	15.48
Blackman Gap Complex	GRANITE	73.39	0.03	15.11
Fulford Creek Granite	MONZOGRA	73.34	0.19	13.16
Arden Granite	GRANITE	73.2	0.32	13.27
Charlies Knob Granite	GRANITE	74.26	0.19	12.72
Blackman Gap Complex	GRANODIOF	69.29	0.16	17.23
	GRANITE	76.57	0.08	12.45
	GRANITE	76.17	0.11	12.51
	GRANITE	74.56	0.19	12.61
Elizabeth Creek Granite	GRANITE	77.2	0.1	11.76
Elizabeth Creek Granite	PORPHYRY	76.73	0.07	12.02
Elizabeth Creek Granite	GRANITE	77.14	0.07	12.12
Bonnor Creek Granite	MONZOGRA	72.92	0.29	13.99
Mitchell River Volcanics	VOLCANIC R	54.66	1.31	16.71
	GRANODIOF	72.33	0.15	15.13
Mitchell River Volcanics	VOLCANIC R	76.97	0.13	10.55
Mitchell River Volcanics	VOLCANIC R	54.8	1.25	16.25
Mitchell River Volcanics	VOLCANIC R	51.33	1.3	16.24
Mitchell River Volcanics	VOLCANIC R	66.77	0.79	14.45
Mitchell River Volcanics	VOLCANIC R	65.82	0.89	14.59
Mitchell River Volcanics	UNKNOWN	54.8	1.27	16.14
Mitchell River Volcanics	UNKNOWN	75.25	0.15	12.28
Carrs Granite	MICROGRAI	76.43	0.07	12.12
Mitchell River Volcanics	VOLCANIC R	52.43	1.41	16.17
Mitchell River Volcanics	VOLCANIC R	63.98	1.24	13.82
Carrs Granite	GRANITE	70.34	0.35	14.22
Dumbano Granite	GRANITE	74.31	0.11	14.33
Yataga Granodiorite/1	TONALITE	61.7	0.95	16.32
Yataga Granodiorite/1	TONALITE	61.54	1.03	16.49
Yataga Granodiorite/1	TONALITE	62.5	0.89	15.9

Yataga Granodiorite/1	TONALITE	62.94	0.83	16.33
CPia-Kennedy Province	ANDESITE	66.6	0.58	15.29
Yataga Granodiorite/2	MONZOGRA	72.37	0.38	13.58
Yataga Granodiorite/1	HORNFELS	64.62	0.68	18.97
Yataga Granodiorite/1	HORNFELS	64.62	0.68	18.97
CPia-Kennedy Province	ANDESITE	62.84	0.63	14.83
White Springs Granodiorite/1	GRANODIOF	70.92	0.25	14.73
White Springs Granodiorite/1	TONALITE	67.63	0.39	15.04
White Springs Granodiorite/1	TONALITE	64.93	0.52	15.24
White Springs Granodiorite/1	TONALITE	63.86	0.58	14.67
White Springs Granodiorite/1	DIORITE	54.33	1.03	13.38
White Springs Granodiorite/1	TONALITE	60.03	0.78	14.38
White Springs Granodiorite/3	GRANITE	72.04	0.14	15.25
Sg/1-Gt	LEUCOGRAM	73.86	0.07	14.4
Yataga Granodiorite/1	TONALITE	58.13	0.95	17.38
Yataga Granodiorite/1	TONALITE	58.91	0.96	15.78
White Springs Granodiorite/3	GRANITE	71.82	0.13	15.39
White Springs Granodiorite/1	GRANITE	73.94	0.08	14.74
White Springs Granodiorite/1	GRANODIOF	70.35	0.27	15.57
White Springs Granodiorite/2	MONZOGRA	69.99	0.3	14.96
Brandy Hot Granodiorite	GRANITE	72.68	0.09	15.15
Brandy Hot Granodiorite	GRANITE	72.76	0.15	15.1
Brandy Hot Granodiorite	GRANITE	72.93	0.13	15.01
Robin Hood Granodiorite	GRANODIOF	67.7	0.43	14.73
Yataga Granodiorite/2	GRANODIOF	72.43	0.27	14.02
Yataga Granodiorite/1	GRANODIOF	67.16	0.6	15.52
Yataga Granodiorite	GRANODIOF	70.73	0.39	14.67
White Springs Granodiorite/3	GRANITE	72.73	0.11	15.23
White Springs Granodiorite/5	TONALITE	63.87	0.54	15.65
White Springs Granodiorite/1	GRANODIOF	70.96	0.23	15.21
White Springs Granodiorite/1	GRANODIOF	69.96	0.27	15.57
White Springs Granodiorite/1	APLITE	75.02	0.02	14.34
White Springs Granodiorite/1	LEUCOGRAM	73.78	0.07	14.62
Yataga Granodiorite/1	TONALITE	59.36	0.73	16.3
Yataga Granodiorite/1	TONALITE	62.01	0.86	16.18
Yataga Granodiorite/2	MONZOGRA	71.85	0.31	14.09
Yataga Granodiorite/2	GRANODIOF	66.28	0.62	15.57
Yataga Granodiorite/2	GRANITE	75.51	0.19	12.33
Yataga Granodiorite/2	APLITE	76.77	0.15	12.17
Yataga Granodiorite/2	MONZOGRA	70.84	0.36	14.38
Yataga Granodiorite/1	TONALITE	63.76	0.76	16.02
Yataga Granodiorite/1	GRANODIOF	66.05	0.64	15.6
Yataga Granodiorite/1	GRANODIOF	65	0.7	15.74
Yataga Granodiorite/1	TONALITE	62.81	0.81	16.27
Yataga Granodiorite/1	APLITE	76.9	0.07	12.21
Yataga Granodiorite/2	MONZOGRA	74.18	0.24	12.98
Yataga Granodiorite/2	MONZOGRA	76.67	0.16	12.44
White Springs Granodiorite/3	GRANITE	71.08	0.2	15.64
Yataga Granodiorite/2	MONZOGRA	70.59	0.37	14.29
Yataga Granodiorite/1	TONALITE	68.84	0.49	14.81
Yataga Granodiorite/1	GRANODIOF	65.88	0.65	15.68
Yataga Granodiorite/1	TONALITE	61.73	0.79	16.78
Yataga Granodiorite/1	GRANODIOF	65.11	0.69	15.6
Yataga Granodiorite/2	MONZOGRA	76.36	0.19	12.4
Yataga Granodiorite/2	MONZOGRA	74.2	0.24	13.22
Yataga Granodiorite/2	GREISEN	77.4	0.3	12.45

Yataga Granodiorite/2	MONZOGRA 75.57	0.19	12.54
Yataga Granodiorite/2	MONZOGRA 70.77	0.4	14.46
Blackman Gap Complex	GRANITE 71.8	0.31	13.9
Rattler Granite	GRANITE 71	0.35	14.6
Rattler Granite	GRANITE AL 73.1	0.28	14
Rudd Granite	GRANITE 75.5	0.11	12.9
Rudd Granite	GRANITE 74.8	0.15	13.2
Rudd Granite	GRANITE 77	0.1	12.3
Ootann Supersuite-Cgto	GRANITE AL 73.6	0.21	13.6
Sandy Tate Granite	GRANITE 70.7	0.26	15.3
Sandy Tate Granite	ADAMELLITI 70.2	0.61	13.5
Mount Garling Granite	GRANITE 72.4	0.32	13.8
Mount Pudding Basin Granodiorite	GRANODIOF 70.9	0.32	14.8
Mount Pudding Basin Granodiorite	GRANODIOF 65.2	0.68	15.9
Mount Pudding Basin Granodiorite	GRANODIOF 69.7	0.42	15.8
Mount Pudding Basin Granodiorite	GRANODIOF 69.8	0.46	14.7
Sandy Tate Granite	GRANITE 74.1	0.42	12.7
Brookers Waterhole Granite	ADAMELLITI 73.4	0.29	13.9
Blackman Gap Complex	GRANITE 72.7	0.3	13.8
Dumbano Granite/1	GRANITE 73.4	0.16	14.3
Dumbano Granite/1	GRANITE 72.1	0.2	14.9
Robin Hood Granodiorite	GRANODIOF 69.1	0.4	14.6
dl-Gt	DOLERITE 52.5	2.14	13
Caterpillar Microgranite	DOLERITE 50.3	1.48	13.6
Caterpillar Microgranite	MICROGRAI 74.9	0.18	12.7
Skeleton Creek Granite	GRANITE 72.2	0.14	15.2
Brandy Hot Granodiorite	GRANITE 74.5	0.12	14.4
Blackman Gap Complex	GRANITE 74	0.13	14.9
Blackman Gap Complex	GRANODIOF 67.2	0.44	17.2
Blackman Gap Complex	GRANODIOF 70.4	0.33	15.5
Blackman Gap Complex	GRANITE 71.8	0.3	15.2
Blackman Gap Complex	GRANODIOF 73.7	0.12	15
Blackman Gap Complex	GRANITE 72.5	0.17	15.2
Blackman Gap Complex	GRANITE 74.1	0.04	14.4
Blackman Gap Complex	GRANITE 72.1	0.17	15.1
Mount Pudding Basin Granodiorite	GRANITE 74	0.24	13.6
Mount Garling Granite	GRANITE 72.8	0.32	14
Blackman Gap Complex	GRANITE 71.2	0.2	15.7
Blackman Gap Complex	GRANITOID 68.6	0.24	16.9
Bullock Creek Granite	GRANITE 70.7	0.16	15.8
Blackman Gap Complex	GRANITE 71.8	0.16	15.8
Blackman Gap Complex	GRANITE 73.7	0.06	14.6
Blackman Gap Complex	GRANITOID 71.3	0.18	15.3
Frog Hollow Granite	GRANITE 73.9	0.18	13
Teddys Creek Granite	GRANITE 77.8	0.06	11.9
Frog Hollow Granite	GRANITE 77.2	0.06	12.2
Dickie Hill Granite	GRANITE 77	0.06	12
Tenavute Microgranite	MICROGRAI 73.06	0.28	13.01
CPmg-Kennedy Province	MICROGRAI 74.42	0.23	11.6
Bousey Rhyolite/2b	IGNIMBRITE 76.31	0.16	12.17
Jinker Creek Rhyolite/a	IGNIMBRITE 76.98	0.2	11.5
Kintore Granite	GRANITE 74.6	0.08	14.4
Lankelly Granite	GRANITE 70.5	0.46	14.7
Kintore Granite	GRANITE 72.2	0.26	15.2
Scardons Volcanic Group	RHYOLITE 77.1	0.06	11.9
Elizabeth Creek Granite	GRANITE 72.4	0.28	13.5

Galloway Volcanics	RHYOLITE	71.2	0.2	15.2
Galloway Volcanics	GRANITE	70.8	0.2	15.4
Galloway Volcanics	RHYOLITE	77.1	0.14	8.3
	GRANITE	63.2	0.78	16.1
	GRANODIOF	74.1	0.2	13.5
	GRANITE	73.8	0.2	13.4
Scardons Volcanic Group	RHYODACIT	77.1	0.08	11.9
Scardons Volcanic Group	RHYOLITE	77.1	0.06	11.7
Scardons Volcanic Group	RHYOLITE	77.1	0.06	12
Scardons Volcanic Group	RHYOLITE	76.4	0.08	12
Scardons Volcanic Group	RHYOLITE	77.3	0.06	12
Scardons Volcanic Group	RHYOLITE	77.8	0.06	12.1
Scardons Volcanic Group	RHYOLITE	77.1	0.06	12.2
Scardons Volcanic Group	DACITE	75.6	0.16	11.8
Elizabeth Creek Granite	GRANITE	76.7	0.08	12.2
Elizabeth Creek Granite	GRANITE	77.2	0.1	12
Aralba Granite	GRANITE	72.1	0.2	15.4
Kintore Granite	GRANITE	74.1	0.3	14.7
Kintore Granite	GRANITE	73.6	0.2	14.7
Fork Lagoons beds	BASALT	57.7	2	13.2
Fork Lagoons beds	BASALT	50.8	0.72	14.3
	GABBRO	50.7	0.39	16.1
Fork Lagoons beds	BASALT	49.9	0.59	14.8
Fork Lagoons beds	BASALT ?	51.6	0.73	15
Retreat Granite (Suite)	GRANODIOF	54.1	0.9	16.9
Gem Park Granite	GRANITE	76.4	0.03	13.7
Gem Park Granite	GRANITE	72.7	0.24	14.8
Gem Park Granite	GRANITE	74.1	0.06	13.9
Gem Park Granite	GRANITE	76	0.06	13
Grasstree Leucogranite	MICROGRAI	75.35	0.02	13.92
Glenroy Mill Granodiorite	GRANITE	76.55	0.06	12.52
Glenroy Mill Granodiorite	GRANODIOF	76.8	0.16	12.3
Glenroy Mill Granodiorite	GRANODIOF	72.6	0.38	14.4
Lolworth Batholith-undivided	GRANITE	76.1	0.06	12.8
Grass Hut Granite	GRANITE	75.8	0.08	13.7
Duck Granodiorite	GRANITE	74.9	0.12	13.6
Duck Granodiorite	GRANODIOF	72.6	0.2	14.9
Lolworth Batholith-undivided	GRANITE	76.26	0.05	12.97
Big Surprise Tuff	IGNIMBRITE	77.31	0.17	13.15
Big Surprise Tuff	ARENITE	74.06	0.2	13.38
Big Surprise Tuff	ARENITE	75.42	0.15	13.89
Black Soil Andesite	ANDESITE	52.44	1.86	15.31
Black Soil Andesite	ANDESITE	51.43	2	15.61
Donaldsons Well Volcanic Member	BASALT ALT	47.6	1.5	14.1
Donaldsons Well Volcanic Member	BASALT ALT	48.65	1.4	14.2
Donaldsons Well Volcanic Member	ANDESITE A	59.7	0.6	14.4
Donaldsons Well Volcanic Member	KERATOPHY	70.6	0.55	13.2
Donaldsons Well Volcanic Member	BASALT ALT	51.7	1.4	12.5
Donaldsons Well Volcanic Member	KERATOPHY	70	0.56	13.8
Donaldsons Well Volcanic Member	BASALT ALT	50.1	0.6	15.7
Netherwood Tonalite	TONALITE	61.7	0.69	16.7
Saddington Tonalite	TONALITE	66.2	0.4	13.4
Saddington Tonalite	TONALITE	72	0.35	14
Saddington Tonalite?	DIORITE	52.3	0.99	17.5
Donaldsons Well Volcanic Member	ANDESITE	57.7	0.97	14.9
Netherwood Tonalite	TONALITE	61	0.65	16.8

Gray Creek Complex/s	CHROMITITE	2.8	0.2	24.5
Gray Creek Complex	CLINOPYROX	51	0.2	2.2
Gray Creek Complex	CLINOPYROX	50.2	0.18	2
Gray Creek Complex	AMPHIBOLITE	47.9	0.48	13.7
Gray Creek Complex	AMPHIBOLITE	54.9	0.58	13.3
Saddington Tonalite	DIORITE	55.7	0.4	15.4
Donaldsons Well Volcanic Member	BASALT ?	54.9	0.48	11.9
Donaldsons Well Volcanic Member	KERATOPHY	62.8	0.62	14.9
Donaldsons Well Volcanic Member	TONALITE	61.1	0.56	16.4
Eland Metavolcanics	ANDESITE N	58.2	0.31	13.5
Eland Metavolcanics	ANDESITE N	62.8	0.36	16.7
Eland Metavolcanics	ANDESITE N	55.2	0.48	14
Eland Metavolcanics	BASALT MET	48	0.55	13.6
Lugano Metamorphics/a	GNEISS	77	0.47	11.9
Lugano Metamorphics	GNEISS LEUC	71.8	0.67	12.4
Lugano Metamorphics	GNEISS	72.5	0.57	12.9
Lugano Metamorphics/q	QUARTZITE	82.6	0.15	13
Lugano Metamorphics/a	BASALT MET	50.1	0.43	11.1
Lugano Metamorphics/a	BASALT MET	50.2	0.39	12.3
Lugano Metamorphics/a	DOLERITE N	50.4	0.55	14.4
Lugano Metamorphics/a	DOLERITE N	51.9	0.87	14.6
Cockie Spring Tonalite	TONALITE	65.5	0.68	14.4
Cockie Spring Tonalite	TONALITE	67.5	0.48	14.6
Golden Creek Meta-andesite	ANDESITE N	62.2	0.91	14
Balcooma Metavolcanics/v	GNEISS LEUC	76.1	0.14	12.3
Balcooma Metavolcanics/v	GNEISS LEUC	79.9	0.07	11.6
Herbert River Granite	MONZOGRA	70.9	0.34	14.69
Dido Tonalite/t	MONZOGRA	64.8	0.41	17.4
Dido Tonalite/b	GABBRO	45.2	0.33	23.58
Dido Tonalite/d	QUARTZ DIC	53.5	1.11	16.9
Dido Tonalite/t	TONALITE	65.7	0.46	16.9
Dido Tonalite/t	TONALITE	65.9	0.45	16.65
Dido Tonalite/d	QUARTZ DIC	54.4	1.01	16.68
Dido Tonalite/d	QUARTZ DIC	53.9	1.07	18.11
Dido Tonalite/t	MONZOGRA	76.8	0.11	12.88
Dido Tonalite/t	TONALITE	66.4	0.41	16.86
Dido Tonalite/t	TONALITE	66.6	0.42	17.03
Dido Tonalite/t	TONALITE	66.9	0.41	17.05
Dido Tonalite/t	TONALITE	68.9	0.3	16.42
Dido Tonalite/t	TONALITE	68.2	0.32	16.54
Minnamoolka Granite	MONZOGRA	75.9	0.13	11.95
Minnamoolka Granite	MONZOGRA	75	0.13	12.98
Minnamoolka Granite	MONZOGRA	76.1	0.03	12.67
Minnamoolka Granite	MONZOGRA	74.8	0.24	13.33
Minnamoolka Granite	MONZOGRA	72	0.33	14.52
Herbert River Granite	GRANODIOF	71.2	0.36	14.79
Herbert River Granite	GRANODIOF	70.1	0.36	15.01
Herbert River Granite	GRANODIOF	71.9	0.36	14.32
Herbert River Granite	MONZOGRA	70.6	0.53	14.45
Herbert River Granite	MONZOGRA	74	0.35	13.07
Herbert River Granite	MONZOGRA	73.6	0.22	13.03
Herbert River Granite	GRANITE	76.6	0.14	12.33
Oasis Metamorphics-PLEo/3	GNEISS	64.9	1.36	13.2
Oasis Metamorphics-PLEo/3	GNEISS	64.9	0.87	11.6
Oasis Metamorphics-PLEo/3	GNEISS	63.5	0.57	14.8
Oasis Metamorphics-PLEo/3	GNEISS	70.4	0.68	12.9

Golden Creek Meta-andesite	ANDESITE M 62.2	0.91	14
Lochlea Metarhyolite	RHYOLITE M 73	0.39	12.8
Golden Creek Meta-andesite	ANDESITE M 53.4	1.2	15.6
Lochlea Metarhyolite	RHYOLITE M 72.5	0.4	12.8
Dry River Metavolcanics	RHYOLITE M 78.6	0.39	12.8
Dry River Metavolcanics	RHYOLITE M 83.7	0.08	9
Dry River Metavolcanics	RHYOLITE M 78.9	0.09	11.7
Dry River Metavolcanics	RHYOLITE M 79.9	0.08	11.4
Dry River Metavolcanics	RHYOLITE M 78.9	0.09	11.4
Dry River Metavolcanics	RHYOLITE M 83.6	0.07	9.2
Balcooma Metavolcanics/o	DOLERITE M 54.4	1.6	15.5
Ringwood Park Microgranite/2	MICROGRAI 74.9	0.25	13.2
Ringwood Park Microgranite/3	MICROGRAI 79.5	0.07	12.6
Lynwater Complex-PLOglw/3	GRANITE 74.47	0.02	13.72
Lynwater Complex-PLOglw/3	GRANITE 71.82	0.26	14.62
Duffs Range Granite	GRANITE 70.74	0.19	15.74
Watch Hill Granodiorite	GRANITE 73.24	0.14	14.2
Dido Tonalite/t	APLITE 73.9	0.02	14.36
Dido Tonalite/t	TONALITE 66.6	0.4	17.23
Duffs Range Granite	GRANITE 72.76	0.3	12.88
	GRANITE 70.97	0.34	14.42
Dido Tonalite	GABBRO 45.2	0.33	23.58
Dido Tonalite	QUARTZ DIC 53.9	1.06	17.23
Dido Tonalite	TONALITE 66.7	0.4	16.9
Sandalwood Serpentinite	SERPENTINI 56.9	-0.02	0.5
Oasis Metamorphics-PLo/1	GNEISS 69.4	0.56	14
Oasis Metamorphics-PLo/1	GNEISS 64.4	0.62	13.1
Lynwater Complex-PLOglw/2	AMPHIBOLI 50	0.82	15.2
Oasis Metamorphics-PLo/2	AMPHIBOLI 49.3	1.92	13
Oasis Metamorphics-PLo/2	GNEISS 55.2	0.86	19.3
Oasis Metamorphics-PLo/3	AMPHIBOLI 48.9	2.7	14.6
Oasis Metamorphics-PLo/3	AMPHIBOLI 47.9	2.1	13.9
Oasis Metamorphics-PLo/3	GRANOFELS 71.4	0.74	10.2
Oasis Metamorphics-PLo/3	GRANOFELS 60.3	0.98	12.1
Oasis Metamorphics-PLo/3	AMPHIBOLI 54.1	0.28	14.1
Watch Hill Granodiorite	GRANODIOF 73.3	0.18	15
Watch Hill Granodiorite	GRANODIOF 74.3	0.16	14.7
Lugano Metamorphics/m	GRANITE 75.5	0.34	12.6
Dido Tonalite/t	TONALITE 61.1	0.68	16.2
Lugano Metamorphics/m	MIGMATITE 69.2	0.62	14
Oasis Metamorphics-PLo/3	AMPHIBOLI 49.2	0.66	16.1
Lynwater Complex-PLOglw/2	AMPHIBOLI 47.6	1.3	15.4
Lynwater Complex-PLOglw/2	GNEISS ORT 74.8	0.22	13.1
Lynwater Complex-PLOglw/2	LEUCOGRAM 75.9	0.06	12.1
Lynwater Complex-PLOglw/1	AMPHIBOLI 47.7	0.46	17.3
Oasis Metamorphics/a	GABBRO ME 47.5	0.24	24.4
Lynwater Complex-PLOglw/3	GRANODIOF 71.5	0.24	16.1
Lynwater Complex-PLOglw/3	LEUCOGRAM 75.4	0.02	14
Lynwater Complex-PLOglw/3	GRANITE 63.5	0.5	15.9
Eland Metavolcanics	SCHIST 60.3	0.42	14.8
Eland Metavolcanics	DACITE MET 65.5	0.42	13.8
Eland Metavolcanics	FELSITE ME 69	0.58	13.5
Eland Metavolcanics	SCHIST 52	0.46	14.6
Eland Metavolcanics	RHYOLITE M 69.5	0.3	15.3
Lugano Metamorphics	AMPHIBOLI 56.2	0.84	14.3
Lugano Metamorphics	AMPHIBOLI 53.4	0.86	14.7

Lugano Metamorphics	AMPHIBOLI'	44.9	0.86	19.6
Lugano Metamorphics	AMPHIBOLI'	54.7	0.46	15.6
Lynwater Complex-Oglw/2	GRANITE	71	0.28	14.2
Lynwater Complex-Oglw/1	LEUCOGRAM	77	0.04	12.2
Lynwater Complex-POglw/1	GNEISS ORT	62.1	0.8	16.7
Lugano Metamorphics	AMPHIBOLI'	55.7	0.52	14.1
Cockie Spring Tonalite	QUARTZ DIC	63.5	0.48	14.6
Lugano Metamorphics	RHYOLITE IV	61	0.74	16.3
Lugano Metamorphics	AMPHIBOLI'	50.4	0.92	13.9
Eland Metavolcanics	SCHIST	62.9	0.7	13.9
Eland Metavolcanics	ARENITE VO	59	0.5	14.5
Lugano Metamorphics/a	GNEISS	72.6	0.42	12.3
Dido Tonalite	DIORITE	60.6	0.81	15.4
Little Pocket Dacite	DACITE	64.79	0.69	15.58
Linley Rhyolite	IGNIMBRITE	78.85	0.17	11.89
Linley Rhyolite	IGNIMBRITE	77.57	0.19	11.71
Linley Rhyolite	IGNIMBRITE	65.6	0.71	12.4
Wallys Dolerite	DOLERITE	50.2	1.34	16.2
McFarlanes Andesite	ANDESITE	59.3	1.46	15.5
McFarlanes Andesite	ANDESITE	58.8	1	15.5
McFarlanes Andesite	ANDESITE	55.4	2.01	14.9
Kintore Adamellite	GRANODIOF	72.72	0.33	14.7
Wigan Adamellite	ADAMELLITI	72.16	0.2	15.79
Wigan Adamellite	GRANITE	74.2	0.2	14.21
Sefton Metamorphics	PHYLLITE	74.02	0.45	13.99
Sefton Metamorphics	PHYLLITE	74.02	0.45	13.99
Sefton Metamorphics	PHYLLITE	82.54	0.19	9.28
Sefton Metamorphics	PHYLLITE	82.54	0.19	9.28
Sefton Metamorphics	AMPHIBOLI'	48.55	1.67	13.5
Sefton Metamorphics	AMPHIBOLI'	48.55	1.67	13.5
Sefton Metamorphics	SLATE	60.28	0.6	22.78
Sefton Metamorphics	SLATE	60.28	0.6	22.78
Sefton Metamorphics	CONGLOME	76.18	0.42	13.29
Sefton Metamorphics	CONGLOME	76.18	0.42	13.29
Sefton Metamorphics	SLATE	26.82	0.33	6.98
Sefton Metamorphics	SLATE	26.82	0.33	6.98
Sefton Metamorphics	PHYLLITE	72.12	0.58	13.31
Sefton Metamorphics	PHYLLITE	72.12	0.58	13.31
Sefton Metamorphics	QUARTZITE	63.83	0.17	3.02
Sefton Metamorphics	QUARTZITE	63.83	0.17	3.02
Sefton Metamorphics	MARBLE	8.46	0	0.16
Sefton Metamorphics	MARBLE	8.46	0	0.16
	GRANITE	72.81	0.18	14.36
Kintore Granite	GRANITE	70.45	0.34	14.83
Kintore Granite	GRANITE	74.4	0.07	14.08
Kintore Granite	GRANITE	72.18	0.18	15.31
Kintore Granite	GRANITE	71.74	0.26	15.41
Kintore Granite	GRANITE	73.43	0.14	14.38
Kintore Granite	GRANITE	73.32	0.23	14.39
	GRANODIOF	56.64	1.16	16.49
	DIORITE	50.91	0.56	16.74
	RHYOLITE	74.2	0.18	12.9
	GRANITE AL	74.43	0.08	14.71
Kintore Granite	GRANITE	72.36	0.26	14.67
Sefton Metamorphics	UNKNOWN	76.93	0.29	12.5
Sefton Metamorphics	UNKNOWN	76.93	0.29	12.5

Sefton Metamorphics	SCHIST	58.89	0.79	14.45
Sefton Metamorphics	SCHIST	58.89	0.79	14.45
Sefton Metamorphics	SCHIST	61.73	0.77	14.32
Sefton Metamorphics	SCHIST	61.73	0.77	14.32
Sefton Metamorphics	SCHIST	51.85	0.93	15.4
Sefton Metamorphics	SCHIST	51.85	0.93	15.4
Sefton Metamorphics	SCHIST	44.19	0.31	5.48
Sefton Metamorphics	SCHIST	44.19	0.31	5.48
Sefton Metamorphics	SCHIST	62.69	0.84	15.28
Sefton Metamorphics	SCHIST	62.69	0.84	15.28
Sefton Metamorphics	GRANITE	55.84	0.81	14.77
Sefton Metamorphics	GRANITE	55.84	0.81	14.77
Sefton Metamorphics	SCHIST	50.08	1.48	13.89
Sefton Metamorphics	SCHIST	50.08	1.48	13.89
Sefton Metamorphics	SCHIST	49.96	1.14	10.94
Sefton Metamorphics	SCHIST	49.96	1.14	10.94
Sefton Metamorphics	SCHIST	56.5	0.79	13.64
Sefton Metamorphics	SCHIST	56.5	0.79	13.64
Sefton Metamorphics	SCHIST	32.07	0.08	0.28
Sefton Metamorphics	SCHIST	32.07	0.08	0.28
Sefton Metamorphics	SCHIST	42.16	0.33	4.6
Sefton Metamorphics	SCHIST	42.16	0.33	4.6
Sefton Metamorphics	SCHIST	59.77	1.06	13.93
Sefton Metamorphics	SCHIST	59.77	1.06	13.93
Sefton Metamorphics	ANDESITE	58.89	0.81	13.28
Sefton Metamorphics	ANDESITE	58.89	0.81	13.28
Sefton Metamorphics	SCHIST	47.96	0.53	7.97
Sefton Metamorphics	SCHIST	47.96	0.53	7.97
Sefton Metamorphics	SCHIST	61.53	0.62	12.13
Sefton Metamorphics	SCHIST	61.53	0.62	12.13
Sefton Metamorphics	SCHIST	56.04	0.77	13.97
Sefton Metamorphics	SCHIST	56.04	0.77	13.97
Sefton Metamorphics	SCHIST	58.4	0.82	12.09
Sefton Metamorphics	SCHIST	58.4	0.82	12.09
Sefton Metamorphics	SCHIST	42.09	0.97	8.81
Sefton Metamorphics	SCHIST	42.09	0.97	8.81
Sefton Metamorphics	SCHIST	38.87	0.81	7.73
Sefton Metamorphics	SCHIST	38.87	0.81	7.73
Sefton Metamorphics	SCHIST	39.38	0.8	7.82
Sefton Metamorphics	SCHIST	39.38	0.8	7.82
Sefton Metamorphics	SCHIST	52.08	0.79	9.03
Sefton Metamorphics	SCHIST	52.08	0.79	9.03
Sefton Metamorphics	SCHIST	36.76	0.21	4
Sefton Metamorphics	SCHIST	36.76	0.21	4
Sefton Metamorphics	SCHIST	58.23	0.89	14.66
Sefton Metamorphics	SCHIST	58.23	0.89	14.66
Sefton Metamorphics	SCHIST	56.05	0.76	12.71
Sefton Metamorphics	SCHIST	56.05	0.76	12.71
Sefton Metamorphics	SCHIST	61.05	0.79	13.24
Sefton Metamorphics	SCHIST	61.05	0.79	13.24
Sefton Metamorphics	SCHIST	37.35	0.21	8.62
Sefton Metamorphics	SCHIST	37.35	0.21	8.62
Sefton Metamorphics	SCHIST	48.09	0.23	2.56
Sefton Metamorphics	SCHIST	48.09	0.23	2.56
Sefton Metamorphics	QUARTZITE	63.54	0.94	13.09
Sefton Metamorphics	QUARTZITE	63.54	0.94	13.09

Sefton Metamorphics	QUARTZITE	44.55	0.12	0.95
Sefton Metamorphics	QUARTZITE	44.55	0.12	0.95
Sefton Metamorphics	QUARTZITE	25	0.27	1.45
Sefton Metamorphics	QUARTZITE	25	0.27	1.45
Sefton Metamorphics	QUARTZITE	62.54	0.82	10.34
Sefton Metamorphics	QUARTZITE	62.54	0.82	10.34
Sefton Metamorphics	QUARTZITE	57.9	0.9	7.52
Sefton Metamorphics	QUARTZITE	57.9	0.9	7.52
Sefton Metamorphics	AMPHIBOLIT	50.3	0.51	13
Sefton Metamorphics	AMPHIBOLIT	50.3	0.51	13
Mount Arrowsmith Volcanics	gabbro	38.45	5.23	11.44
Mount Arrowsmith Volcanics	trachyte	57.05	0.28	15.39
Mount Arrowsmith Volcanics	syenite	58.63	0.48	16.67
Bittles Tank Volcanics	Metabasite	44.71	1.52	13.65
Bittles Tank Volcanics	Metadolerit	45.91	2.22	13.66
Metasedimentary rocks	Greywacke	48.25	1.69	14.29
Bittles Tank Volcanics	Metabasalt	46.14	1.67	15.87
Bittles Tank Volcanics	Metabasite	47.81	1.07	17.94
Bittles Tank Volcanics	Metadolerit	50.58	1.06	15.65
Bittles Tank Volcanics	Metadolerit	46.05	2.86	14.12
Bittles Tank Volcanics	Metabasite	52.31	1.1	11.18
Bittles Tank Volcanics	Metadolerit	51.31	0.89	16.49
Bittles Tank Volcanics	Metabasite	49.56	1.39	14.13
Bittles Tank Volcanics	Metabasite	54.78	1.3	11.79
Bittles Tank Volcanics	Metabasite	49.68	1.27	14.2
Bittles Tank Volcanics	Metabasalt	46.87	1.13	20.29
Bittles Tank Volcanics	Metabasite	49.6	0.81	7.94
Bittles Tank Volcanics	Metabasite	44.46	1.7	14.34
Bittles Tank Volcanics	Metadolerit	47.36	1.28	14.83
Bittles Tank Volcanics	Metabasite	50.47	1.21	15.19
Bittles Tank Volcanics	Metabasite	44.95	0.89	22.75
Bittles Tank Volcanics	Metabasite	46.07	1.36	13.03
Bittles Tank Volcanics	Metadolerit	46.97	0.74	20.68
Bittles Tank Volcanics	Metabasite	45.32	0.85	11.79
Bittles Tank Volcanics	Metabasite	45.78	1.32	14.83
Mount Arrowsmith Volcanics	Metadolerit	47.84	1.55	18.9
Mount Arrowsmith Volcanics	Metabasite	43.65	2.75	13.85
Mount Arrowsmith Volcanics	Metabasite	47.62	3.53	15.84
Bittles Tank Volcanics	Metadolerit	48.61	1.64	14.92
Bittles Tank Volcanics	Metadolerit	47.68	1.53	14.66
Mount Arrowsmith Volcanics	Syenite	58.38	0.44	16.72
Mount Arrowsmith Volcanics	Metabasite	43.21	3.74	15.38
Mount Arrowsmith Volcanics	Metabasalt	44.66	3.01	14.45
Mount Arrowsmith Volcanics	Metabasite	38.82	2.93	12.72
Mount Arrowsmith Volcanics	Metabasite	47.93	4.34	16.88
Mount Arrowsmith Volcanics	Metabasite	43.95	3.82	17.52
Mount Arrowsmith Volcanics	Altered syer	58.28	0.27	18.98
Mount Arrowsmith Volcanics	Altered peri	38.18	0.96	5.07
Mount Arrowsmith Volcanics	Metabasite	39.94	3.14	13.27
Mount Arrowsmith Volcanics	Metabasite	46	2.18	16.23
Mount Arrowsmith Volcanics	Metadolerit	48.75	1.8	11.64
Mount Arrowsmith Volcanics	Metadolerit	41.11	2.75	13.48
Mount Arrowsmith Volcanics	Metadolerit	45.32	2.7	14.18
Mount Arrowsmith Volcanics	Felsic tuff	59.22	0.03	23.15
Mount Arrowsmith Volcanics	Felsic tuff	60.4	0.04	20.88
Mount Arrowsmith Volcanics	Felsic tuff	60.58	0.02	21.54

Mount Arrowsmith Volcanics	Felsic tuff	61.01	0.02	23.28
Mount Arrowsmith Volcanics	Nundorite	53.56	0.02	20.88
Mount Arrowsmith Volcanics	Nundorite	53.8	0.02	21.37
Mount Arrowsmith Volcanics	Nundorite	54.33	0.02	20.86
Mount Arrowsmith Volcanics	Nundorite	54.36	0.02	20.62
Mount Arrowsmith Volcanics	Nundorite	54.82	0.02	20.2
Bittles Tank Volcanics	Lamprophyr	47.47	2.88	15.2
Bittles Tank Volcanics	Lamprophyr	49.56	1.96	15.6
Bittles Tank Volcanics	Epidote nod	41.93	0.54	20.62
Bittles Tank Volcanics	Metadolerit	47.56	1.58	13.56
Bittles Tank Volcanics	Metadolerit	43.5	2.9	14.21
Bittles Tank Volcanics	Metadolerit	50.44	1.32	13.98
Bittles Tank Volcanics	Metadolerit	49.42	1.45	18.86
Bittles Tank Volcanics	Metabasite	46.11	1.27	16.31
Bittles Tank Volcanics	Metadolerit	45.4	1.12	15.84
Bittles Tank Volcanics	Metabasite	53.98	1.58	14.86
Bittles Tank Volcanics	Metadolerit	49.06	1.22	15.62
Bittles Tank Volcanics	Metadolerit	44.57	1.29	16.09
Bittles Tank Volcanics	Metadolerit	46.56	1.25	20.77
Comarto Basalt	Metabasalt	42.69	1.44	15.67
Comarto Basalt	Metabasite	49.7	1.52	13.65
Comarto Basalt	Gabbro/Me	45.33	1.27	16.99
Comarto Basalt	Metabasite	41.15	2.63	12.3
Comarto Basalt	Metabasalt	49.11	1.32	15.05
Comarto Basalt	Metabasalt	48.45	1.22	16.63
Comarto Basalt	Metadolerit	47.45	1.43	15.8
Comarto Basalt	Metadolerit	47.45	1.76	14.78
Comarto Basalt	Metabasite	52.56	1.64	12.88
Comarto Basalt	Metabasite	51.21	1.39	14.69
Comarto Basalt	Metabasite	41.57	0.99	15.97
Comarto Basalt	Metabasalt	47.16	1.41	16.06
Bittles Tank Volcanics	Metabasite	48.17	1.21	12.45
Bittles Tank Volcanics	Metabasite	47.89	1.12	17.16
Bittles Tank Volcanics	Amphibolite	48.29	1.47	15.21
Bittles Tank Volcanics	Amphibolite	49.57	1.41	15
Bittles Tank Volcanics	Metabasite	51.1	1.35	15.57
	Felsic Tuff	71.94	0.56	12.17
Bittles Tank Volcanics	Amphibolite	49.16	1.23	14.78
Bittles Tank Volcanics	Metabasite	54.09	1.27	16.14
Metasedimentary rocks	Schist	69.2	0.64	13.35
Bittles Tank Volcanics	Mafic Schist	48.86	1.41	15.61
Mount Wright Volcanics	Porphyry	59.41	0.82	15.29
Mount Wright Volcanics	Porphyry	67.61	0.71	14.47
Mount Wright Volcanics	Porphyry	72.9	0.32	12.35
Mount Arrowsmith Volcanics	Metabasalt	39.2	2.29	13.09
Mount Arrowsmith Volcanics	Metabasite	46.47	3.1	12.98
Mount Wright Volcanics	Felsic tuff	67.97	0.66	14.29
Mount Wright Volcanics	Felsic tuff	71.24	0.67	7.68
Mount Arrowsmith Volcanics	Metabasite	50.37	2.2	13.54
Mount Arrowsmith Volcanics	Trachyte	66.55	0.45	15.97
Mount Arrowsmith Volcanics	Metabasite	55.29	2.5	14.5
Mount Arrowsmith Volcanics	Trachyte	65.41	0.5	15.01
Mount Arrowsmith Volcanics	Metabasalt	43.32	1.8	13.91
Mount Wright Volcanics	Porphyry	56.4	1.38	15.19
Mount Arrowsmith Volcanics	Metabasalt	46.68	2.86	13.51
Mount Arrowsmith Volcanics	Metabasalt	35.46	1.3	10.41

Mount Wright Volcanics	Felsic Tuff	75.73	0.33	13.06
Mount Wright Volcanics	Porphyry	68.33	0.47	12.98
Mount Wright Volcanics	Felsic Tuff	72.36	0.42	11.66
Bilpa Conglomerate	Andesite cla	57.45	1.09	11.72
Bilpa Conglomerate	Felsic tuff cl	68.05	0.67	13.95
Bittles Tank Volcanics	Metabasite	41.4	1.79	14.35
Bittles Tank Volcanics	Metabasite	44.98	1.64	16.28
Bilpa Conglomerate	Felsic tuff cl	65.7	0.64	13.58
Bilpa Conglomerate	Granite clas	71.52	0.2	15.93
Bilpa Conglomerate	Felsic tuff cl	69.66	0.6	13.65
Bilpa Conglomerate	Metabasite	50.1	1.15	21.72
Mount Wright Volcanics	Mineralised	68.72	1.01	14.28
Mount Wright Volcanics	Mineralised	75.09	0.7	7.36
Mount Wright Volcanics	Mineralised	82.82	0.33	8.67
Bittles Tank Volcanics	Metabasite	46.06	1.21	19.49
Bittles Tank Volcanics	Mafic Schist	47.2	1.7	15.29
	Felsic Tuff	73.32	0.55	11.46
Bittles Tank Volcanics	Metadolerit	45.98	2.32	14.9
Bittles Tank Volcanics	Metadolerit	46.28	0.75	23.62
Bittles Tank Volcanics	Metabasite	44.46	1.15	16.96
Bittles Tank Volcanics	Metabasite	46.24	1.28	17.07
Bittles Tank Volcanics	Metabasite	53.74	2.48	14
Bittles Tank Volcanics	Metadolerit	46.5	1.18	20.92
Bittles Tank Volcanics	Metadolerit	51.21	1.03	15.45
Bittles Tank Volcanics	Metadolerit	46.85	1.29	15.5
Mount Arrowsmith Volcanics	trachyte	60.39	0.1	18.62
Mount Arrowsmith Volcanics	diorite	52.25	0.54	15.2
Mount Arrowsmith Volcanics	leucogabbro	42.84	1.98	14.81
Mount Arrowsmith Volcanics	gabbro	48.59	1.58	16.86
Mount Arrowsmith Volcanics	gabbro	43.95	2.19	14.79
Mount Arrowsmith Volcanics	trachybasalt	40.62	1.8	14.18
Mount Arrowsmith Volcanics	kaersutite r	48.18	2.09	14.69
Mount Arrowsmith Volcanics	kaersutite r	44.51	2.87	15.3
Mount Arrowsmith Volcanics	trachybasalt	39.01	2.72	11.54
Mount Arrowsmith Volcanics	dolerite	35.61	2.56	11.41
Mount Arrowsmith Volcanics	gabbro	39.73	1.32	9.7
Mount Arrowsmith Volcanics	trachyte	56.63	0.16	17.48
Mount Arrowsmith Volcanics	lherzolite	38.63	0.97	6.71
Mount Arrowsmith Volcanics	kaersutite r	41.86	2.86	13.92
Mount Arrowsmith Volcanics	trachybasalt	45.14	2.21	13.85
Mount Arrowsmith Volcanics	trachyte	54.7	0.15	14.52
Mount Arrowsmith Volcanics	trachybasalt	43.62	2.45	13.96
Mount Arrowsmith Volcanics	picrite	39.87	0.97	5.51
Mount Arrowsmith Volcanics	olivine basa	41.36	2.4	13.64
Mount Arrowsmith Volcanics	dolerite	46.9	2.14	13.7
Mount Arrowsmith Volcanics	trachybasalt	44.01	2.16	13.55
Mount Arrowsmith Volcanics	olivine basa	44.68	2.86	14.9
Mount Arrowsmith Volcanics	olivine basa	45.78	2.32	12.25
Mount Arrowsmith Volcanics	feldspar bas	42.28	3.03	16.44
Mount Arrowsmith Volcanics	olivine basa	43.62	2.54	14.69
Mount Arrowsmith Volcanics	olivine basa	42.64	2.13	11.89
Mount Arrowsmith Volcanics	olivine basa	43.66	2.18	11.95
Mount Arrowsmith Volcanics	olivine basa	42.16	2.82	13.28
Mount Arrowsmith Volcanics	trachybasalt	42.95	2.48	16.47
Mount Arrowsmith Volcanics	trachybasalt	43.22	3.77	16.02
Mount Arrowsmith Volcanics	olivine basa	46.42	2.65	13.71

Mount Arrowsmith Volcanics	trachyte	59.24	0.17	17.79
Mount Arrowsmith Volcanics	volcanogeni	42.73	1.82	12.12
Mount Arrowsmith Volcanics	dolerite	39.6	2.7	11.36
Mount Arrowsmith Volcanics	olivine basa	43.54	2.7	14.59
Mount Arrowsmith Volcanics	dolerite	38.31	2.3	12.17
Mount Arrowsmith Volcanics	olivine basa	41.85	2.89	15.24
Mount Arrowsmith Volcanics	trachybasalt	37.92	3.16	15.84
Mount Arrowsmith Volcanics	olivine basa	32.66	2.69	12.56
Mount Arrowsmith Volcanics	trachybasalt	49.37	1.73	15.12
Mount Arrowsmith Volcanics	trachybasalt	45.96	2.95	12.45
Mount Arrowsmith Volcanics	trachybasalt	47.49	2.23	13.03
Mount Arrowsmith Volcanics	trachybasalt	47.93	2.22	14.15
Mount Arrowsmith Volcanics	olivine basa	47.85	2.61	15.3
Mount Arrowsmith Volcanics	olivine basa	40.61	2.28	11.67
Mount Wright Volcanics	Quartz tour	71.2	0.783	16.2
Bittles Tank Volcanics	Altered, bre	40	0.84	14.1
Bittles Tank Volcanics	Altered, bre	39.8	0.79	13.7
Bittles Tank Volcanics	Altered, bre	42.2	0.78	13.6
Bittles Tank Volcanics	Altered, bre	42.3	0.8	13.7
Bittles Tank Volcanics	Altered, bre	44.3	0.98	14.6
Mount Arrowsmith Volcanics	Basic dyke	43.9	2.5	18.4
Mount Arrowsmith Volcanics	dolerite	45.87	1.59	14.73
Bittles Tank Volcanics	basalt	50.97	0.97	13.9
Bittles Tank Volcanics	basalt	53.32	1.88	13.61
Mount Arrowsmith Volcanics	olivine basa	44.01	1.85	11.66
Mount Arrowsmith Volcanics	olivine basa	42.11	1.42	10.29
Mount Arrowsmith Volcanics	syenite	52.09	0.89	16.37
Mount Arrowsmith Volcanics	syenite	43	3.93	12.77
Bittles Tank Volcanics	basalt	48.61	2.18	13.4
Comarto Basalt	Gabbro	47.02	1.32	17.62
Mount Arrowsmith Volcanics	Trachybasal	47.42	3.21	14.36
Mount Arrowsmith Volcanics	Trachybasal	50.52	0.76	17.43
Mount Arrowsmith Volcanics	mafic extrus	45.96	1.93	14.6
Mount Arrowsmith Volcanics	Trachybasal	45.77	2.28	15.77
Mount Arrowsmith Volcanics	Trachybasal	48.5	3	12.5
Mount Arrowsmith Volcanics	Olivine Basa	38.83	2.48	11.6
Mount Arrowsmith Volcanics	Trachybasal	42.83	2.92	13.38
Mount Arrowsmith Volcanics	Trachybasal	44.72	2.52	14.45
Mount Arrowsmith Volcanics	Olivine basa	47.89	2.41	15.23
Mount Arrowsmith Volcanics	Trachybasal	47.08	2.77	15.95
Mount Arrowsmith Volcanics	Olivine basa	54.97	2.55	12.56
Mount Arrowsmith Volcanics	Olivine basa	44.5	2.43	12.98
Mount Arrowsmith Volcanics	Olivine basa	45.22	2.28	13.87
Mount Arrowsmith Volcanics	Feldspar ba	47.93	1.72	12.96
Mount Arrowsmith Volcanics	Amygdaloid	37.9	1.65	11.8
Mount Arrowsmith Volcanics	Amygdaloid	40	1.88	11.9
Mount Arrowsmith Volcanics	Aphyric bas	47.1	3.1	13.3
Mount Arrowsmith Volcanics	Aphyric bas	47.5	3.28	13.8
Mount Arrowsmith Volcanics	Feldspar ph	44.4	1.86	16.5
Mount Arrowsmith Volcanics	Feldspar ph	45.4	3.13	13.3
Mount Arrowsmith Volcanics	Felsic volcar	73	0.39	13.2
Dynamic Tank	high mag gr	67	0.52	15.6
Dynamic Tank	low mag gra	66.7	0.5	15.3
Dynamic Tank	diorite	58.4	0.97	16
Metasedimentary rocks	metasandst	77.5	0.27	11.25
Evelyn Creek volcanics- extrusive	metabasalt	44.9	3.36	8.58

Bittles Tank Volcanics- Nuntherungie dolerite	gabbro	52.37	1.22	13.99
Wertago Volcanics	andesite	61.57	0.86	15.71
Wertago Volcanics	felsic porph	76.67	0.11	12.02
Bittles Tank Volcanics	Dolerite	47.99	1.3	14.89
	Diorite	60.4	0.9	15.7
Evelyn Creek volcanics- intrusive	Monzodiorit	45.5	2.9	16.7
Mount Wright Volcanics	Dacite	63.3	0.74	15.73
Mount Wright Volcanics	Dacite	63.5	0.77	15.6
	felsic tuff	79	0.09	11.5
	Crystal vitric	78.2	0.17	12.3
Bittles Tank Volcanics- Nuntherungie dolerite	Intrusive qu	51.8	1.23	13.2
Bittles Tank Volcanics- Nuntherungie dolerite	Intrusive qu	52	1.51	13.9
	tr-basalt	54.7	1.01	17.23
	tr-basalt	51	1.13	16.15
	monzodiorit	56.96	1.02	17.12
	monzogabb	56.32	1.04	17.07
	monzogabb	56.37	1.07	16.84
	monzogabb	55.68	1.03	17.13
	dolerite	49.74	3.22	13.77
	dolerite	51.08	2.98	13.67
Dolo rhyolite	rhyolite	77.5	0.07	13.08
Dolo rhyolite	rhyolite	76.45	0.06	13.37
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	52.02	1.2	14.05
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	51.93	1.29	14.31
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	46.45	1.45	16.85
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	51.98	1.17	14.18
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	52.05	11.82	13.98
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	51.85	1.42	13.77
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	52.35	1.38	14.08
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	46.79	1.45	17.92
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	47.77	1.53	16.87
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	46.75	1.55	16.34
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	46.35	1.49	16.79
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	46.13	1.24	17.68
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	46.55	2	11.51
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	46.69	11.08	17.07
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	53.16	1.42	14.01
Mount Arrowsmith Volcanics	altered syer	56.67	0.33	16.17
Mount Arrowsmith Volcanics	basalt	43.17	3.4	13.92
Mount Arrowsmith Volcanics	Nundorite- r	53.76	0.01	20.87
	monzogabb	57.08	0.8	15.7
	monzogabb	57.97	0.94	16.19
	monzodiorit	64.57	0.58	17.3
	andesite lav	67.22	0.37	17
	andesite lav	64.31	0.65	17.68
	andesite lav	62.04	0.64	16.88
	dolerite	50.72	2.54	16.41
	dolerite	50.58	1.91	15.43
	dolerite	50.21	1.43	18.2
Pincally Formation	volcaniclasti	64.51	0.73	12.52
Pincally Formation	volcaniclasti	51.02	2.28	9.88
Mount Arrowsmith Volcanics	basalt	49.4	1.96	13.3
Mount Arrowsmith Volcanics	basalt	48.07	1.95	13.93
Comarto Basalt	basalt	45.1	3.14	13.25
Comarto Basalt	pagioclase r	63.3	0.65	15.1
Bittles Tank Volcanics	basalt	43.7	1.75	15.2

Mount Arrowsmith Volcanics	feldspar por	70.9	0.27	12.7
Mount Wright Volcanics	volcanic bor	73.8	0.19	11.6
Mount Wright Volcanics	porphyritic	68.8	0.27	13.8
Bittles Tank Volcanics- Kayrunnera gabbro	medium gra	47.2	1.5	16.6
Metasedimentary rocks	bleached wi	54.3	1.03	9.5
Metasedimentary rocks	chlorite ferr	87	0.13	2.88
Metasedimentary rocks	chlorite ferr	83.7	0.2	5.25
Metasedimentary rocks	limonite car	50.1	2.22	13.1
Metasedimentary rocks	conglomera	75.7	0.45	7.59
Metasedimentary rocks	float sample	54.5	0.81	9.61
Metasedimentary rocks	float sample	59.5	0.64	7.92
Metasedimentary rocks	float sample	45.8	0.91	12.2
Metasedimentary rocks	very strong	68	-0.01	2.1
Metasedimentary rocks	Grasmere gr	8.71	0.02	0.91
Metasedimentary rocks	sample of cl	61	0.81	16.8
Metasedimentary rocks	altered, foli	70.7	0.51	11.95
Metasedimentary rocks	chlorite-alte	58.6	0.72	18.25
Metasedimentary rocks	chlorite-alte	54	0.57	15.8
Mount Arrowsmith Volcanics	syenite alte	60.6	0.09	16.2
Metasedimentary rocks		53.6	-0.01	0.97
Metasedimentary rocks		28.8	-0.01	1.67
Metasedimentary rocks	Ferruginous	91.2	-0.01	0.75
Metasedimentary rocks	metasandst	77.9	0.7	10.75
Metasedimentary rocks	metasandst	88.9	0.42	5.68
Metasedimentary rocks	metasandst	69.7	0.59	11.6
	dacite dyke	61.6	0.73	16.78
	dacite dyke	64.7	0.59	16.22
	Tibooburra	70.28	0.93	13.92
	Aplite dyke	74.09	0.109	13.45
	Tibooburra	64.53	0.61	15.9
	Tibooburra	64.25	0.61	15.46
	Tibooburra	54.05	0.84	15.26
	Aplite dyke	76.92	0.01	13.66
	dacite dyke	64.54	0.56	16.42
	altered daci	64.27	0.64	16.9
	Tibooburra	65.6	0.56	15.42
	mafic clot (x	59.51	0.76	16.15
Macs Tank Ultramafic	serpentine	47.89	2.01	14.35
Bittles Tank Volcanics	Altered aph	50.45	1.55	14.48
Bittles Tank Volcanics	Basalt or ult	48.52	1.27	15.56
Mount Arrowsmith Volcanics	Feldspar-ph	51.8	1.06	17.7
Mount Arrowsmith Volcanics	Nundorite (r	53.7	0.03	21.6
Mount Arrowsmith Volcanics	Core of pillo	45.5	4.1	15.9
Mount Arrowsmith Volcanics	Trachyte	51.1	1.04	17
Mount Arrowsmith Volcanics	Syenite	61.1	0.25	20
Bittles Tank Volcanics	Diorite intru	47.9	1.72	14.8
Mount Arrowsmith Volcanics	Alkali doleri	43.9	2.84	15.2
Mount Arrowsmith Volcanics	Alkali doleri	45.3	2.52	15.2
Mount Arrowsmith Volcanics	Nundorite (l	53.8	0.01	21
Bittles Tank Volcanics	Calc-alkali d	48	1.79	14.9
	diorite	53.07	0.89	16.08
	diorite	53.68	0.9	16.16
	andesite	56.15	0.9	16.63
	andesite	56.45	0.91	16.55
	andesite	56.62	0.91	16.62
	diorite	59.02	0.86	18.11

	bas-andesite	58.81	7	14.82
	andesite	62.98	0.59	16.82
	bas-andesite	55.78	0.82	14.96
	diorite	55.41	0.85	15.41
	diorite	54.82	0.57	16.4
	dolerite	49.94	1.14	14.26
	hbl andesite	71.13	0.36	14.9
	hbl andesite	70.83	0.35	14.81
	dacite	68.85	0.48	15.46
	andesite	69.78	4	15.27
	andesite	68.12	0.46	15.39
	andesite	68.42	0.46	15.35
	deformed Q	75.6	0.06	14.25
	deformed Q	74.1	0.08	14.05
	Very fresh n	60	0.91	16.1
	fresh porph	43.4	1.52	14.95
	deformed fi	79.3	0.18	10.35
	monzonite r	51.1	1.85	15.5
	monzonite c	60.6	0.89	15.7
Evelyn Creek volcanics- intrusive	slightly wea	50.1	2.42	16.6
Evelyn Creek volcanics- intrusive	Altered mor	53	1.72	17.45
Evelyn Creek volcanics- extrusive	medium-gra	43.9	2.92	16.1
	altered dior	44.4	1.85	13.3
Evelyn Creek volcanics- extrusive	Folded basa	45.4	3	17.85
Evelyn Creek volcanics- extrusive	basaltic lens	47.4	3.22	17.3
	monzonite	58.9	1	16.15
	diorite sill	58.2	1.02	16.15
	rhyolite tuff	80.7	0.16	10.05
Metasedimentary rocks	turbiditic sa	69.33	0.63	13.21
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	46.47	1.64	16.84
Bittles Tank Volcanics- Kayrunnera gabbro	gabbro	47.3	1.55	16.17
Wertago Volcanics	fine-grained	61.2	0.94	15.76
Wertago Volcanics	Rhyolite	75.63	0.1	12.69
Bittles Tank Volcanics	Dolerite	46.27	2.19	15.8
Bittles Tank Volcanics- Kayrunnera gabbro	Gabbro	46.47	1.64	16.84
Evelyn Creek volcanics- intrusive	Altered mor	49.6	2.16	16.9
	monzonite s	54.5	1.2	16.2
Williams Peak Granite	Foliated we	63.5	1.06	18.8
Mount Arrowsmith Volcanics	Amygdaloid	44.2	2.23	13.9
Mount Arrowsmith Volcanics	Microdoleri	44.7	2.31	15.5
Mount Arrowsmith Volcanics	Altered met	64.9	1.17	10.6
Cliffs Tank Complex (formerly Barrongie Tank Ultramafics)	Amphibolite	47	1.36	16.1
Cliffs Tank Complex (formerly Barrongie Tank Ultramafics)	Amphibolite	49.33	1.38	14.9
Cliffs Tank Complex (formerly Barrongie Tank Ultramafics)	serpentinite	43.12	1.6	14.27
Cliffs Tank Complex (formerly Barrongie Tank Ultramafics)	amphibolite	49.25	1.33	15.98
Cliffs Tank Complex (formerly Barrongie Tank Ultramafics)	amphibolite	48.92	1.64	14.63
Cliffs Tank Complex (formerly Barrongie Tank Ultramafics)	Amphibolite	48.21	1.43	16.29
Cliffs Tank Complex (formerly Barrongie Tank Ultramafics)	amphibolite	48.62	1.64	14.83
Mount Arrowsmith Volcanics	Altered met	48.4	0.75	12.3
Mount Arrowsmith Volcanics	Microdoleri	46.6	2.09	15.1
Mount Arrowsmith Volcanics	Amygdaloid	54.9	2.61	14.4
Mount Arrowsmith Volcanics	Alkali rhyoli	69.9	0.46	13.3
Mount Arrowsmith Volcanics	Alkali rhyoli	69.4	0.44	13.7
Mount Arrowsmith Volcanics	Alkali rhyoli	69.7	0.43	13.44
Mount Wright Volcanics	Rhyolite dyk	78.1	0.21	12.51
Mount Wright Volcanics	Rhyolite dyk	77.9	0.22	12.5

	Non-welded	82	0.19	9.77
Mount Wright Volcanics	Amygdaloid	54.3	1.46	15
Mount Wright Volcanics	Altered and	55.6	1.22	14.5
Mount Wright Volcanics	Microdiorite	55	0.78	15.1
Mount Arrowsmith Volcanics	Trachybasal	52.9	0.98	14.6
Metasedimentary rocks	Greenschist	49	1.63	15.4
Metasedimentary rocks	Metasedim	45.6	1.62	17.3
Mount Wright Volcanics	Dolerite	48.92	1.15	15.29
Mount Arrowsmith Volcanics	Andesite	46.1	2.81	14.77
Mount Arrowsmith Volcanics	Basaltic lava	44.76	2.96	12.73
Mount Arrowsmith Volcanics	Basaltic lava	48.25	1.5	14.89
Mount Arrowsmith Volcanics	Andesite lav	48.23	1.63	15.04
	Vitric tuff, C	78.09	0.3	12.72
	Vitric tuff, C	74.98	0.34	13.01
Mount Wright Volcanics	dacite lava	64.85	1.33	14.1
Mount Wright Volcanics		50.86	1.3	15.56
Mount Wright Volcanics	intrudes Mc	49.77	0.91	14.73
Mount Arrowsmith Volcanics	Andesite lav	46.05	3.23	13.12
Mount Wright Volcanics	Microdolerite	48.58	1.57	15.06
Mount Arrowsmith Volcanics	Andesite	46.55	3.28	13.25
Mount Arrowsmith Volcanics	Andesite	46.75	2.25	13.78
Mount Arrowsmith Volcanics	Andesite lav	46.83	2.8	14.79
Mount Arrowsmith Volcanics	Andesite lav	43.31	2.35	14.19
Mount Arrowsmith Volcanics	basalt lava	43.48	1.69	18.56
Mount Arrowsmith Volcanics	Andesite	38.66	1.85	15.31
Mount Arrowsmith Volcanics	Andesite	45.31	2.13	13.96
Mount Wright Volcanics	Dolerite intr	60.22	0.74	14.83
Mount Wright Volcanics	Dolerite	55.8	0.9	14.2
Mount Wright Volcanics	dolerite	60.03	0.75	14.98
Mount Wright Volcanics	dacite lava	62.77	0.71	14.61
Mount Wright Volcanics	Andesite lav	59.5	1.3	13.75
Mount Wright Volcanics	Andesite lav	50.38	1.26	15.1
Mount Wright Volcanics	Microdolerite	51.19	1.66	14.89
Mount Wright Volcanics	Microdolerite	51.56	1.69	15.08
Mount Wright Volcanics	Andesite lav	58.22	1.19	14.44
Mount Wright Volcanics	Microdolerite	59.11	0.74	14.63
Mount Wright Volcanics	Microdolerite	56.81	0.73	15.21
Mount Wright Volcanics	Chilled Mar	50.55	1.18	14.05
Mount Arrowsmith Volcanics	basalt lava	43.66	1.74	18.48
Mount Arrowsmith Volcanics	Microdolerite	54.87	1.12	16.64
Mount Arrowsmith Volcanics	Andesite	43.9	1.87	14.06
Mount Arrowsmith Volcanics	Andesite	44.42	1.97	13.61
Mount Wright Volcanics	Basalt lava	55.32	1.58	13.8
Metasedimentary rocks	Cherty siltst	77.65	0.92	13.88
Mount Wright Volcanics	Basalt lava	49.83	1.23	15.49
Mount Wright Volcanics	Dolerite	54.79	1.44	14.66
Mount Arrowsmith Volcanics	Olivine Basa	37.38	2.7	11.36
Mount Arrowsmith Volcanics	Andesite	44.29	2.85	14.06
Mount Wright Volcanics	Andesite int	70.7	1.29	16.07
Macs Tank Ultramafic	Dolerite / ar	47.66	1.2	14.78
Macs Tank Ultramafic	Dolerite / ar	44.01	1.36	13.34
Macs Tank Ultramafic	Dolerite / ar	47.49	1.26	14.75
Macs Tank Ultramafic	Serpentinite	48.52	1.38	14.6
Macs Tank Ultramafic	Serpentinite	47.89	1.34	14.87
Macs Tank Ultramafic	metabasait	48.13	1.38	14.5
Macs Tank Ultramafic	Dolerite / ar	46.31	1.46	13.53

Macs Tank Ultramafic	Dolerite / ar	47.4	1.14	16.73
Macs Tank Ultramafic	Amphibolite	56.58	2.33	14.14
Macs Tank Ultramafic	Macs Tank	46.53	1.33	14.02
Macs Tank Ultramafic	Serpentinite	40.65	0.01	1.08
Macs Tank Ultramafic	Amphibolite	48.36	1.41	14.02
Macs Tank Ultramafic	Macs Tank	49.01	1.82	14.82
Macs Tank Ultramafic	Amphibolite	40.05	0.01	0.81
Macs Tank Ultramafic	Dolerite / ar	45.71	1.36	13.81
Macs Tank Ultramafic	Dolerite / ar	48.97	1.87	15.16
Mount Arrowsmith Volcanics	Lava	58.95	2.28	12.22
Mount Arrowsmith Volcanics	Lava	69.66	0.35	13.09
Mount Arrowsmith Volcanics	Lava	54.38	3.38	14.95
Bittles Tank Volcanics- Nuntherungie dolerite	Diorite	53.09	1.27	14.54
Bittles Tank Volcanics	Gabbro	49.76	1.16	14.91
Bittles Tank Volcanics	dacite	66.95	0.77	16
Bittles Tank Volcanics	dacite	58.86	1.03	17.45
Bittles Tank Volcanics	dolerite	59.86	1.37	16.16
Bittles Tank Volcanics	basalt	46.65	4.09	16.51
Bittles Tank Volcanics	basalt	47.59	4.04	17.64
Bittles Tank Volcanics	basalt	50.92	1.32	15.03
Bittles Tank Volcanics	dolerite	50.98	1.56	15.24
Bittles Tank Volcanics	basalt	53.81	1.61	17.03
Bittles Tank Volcanics	basalt	50.99	1.59	14.62
Bittles Tank Volcanics	basalt	45.41	3	13.9
Bittles Tank Volcanics	Dolerite	50.82	1.23	15.43
Bittles Tank Volcanics	Diorite	49.17	0.91	15.69
Bittles Tank Volcanics	Dolerite	49.88	0.95	15.43
Bittles Tank Volcanics	dolerite	48.38	1.54	19.39
Bittles Tank Volcanics	dolerite	47.85	1.3	21.06
Bittles Tank Volcanics	dolerite	50.45	1.44	15.09
Bittles Tank Volcanics	basalt	51.14	1.6	15.3
Mount Arrowsmith Volcanics	basalt	46.81	2.33	16.33
Easter Monday Formation	felsic dropst	91.7	0.17	3.43
	Felsic tuff	76.9	0.43	9.38
Bittles Tank Volcanics	Basaltic dyk	44.5	1.22	12.99
Bittles Tank Volcanics	Gabbro intr	48.06	1.3	13.91
Bittles Tank Volcanics	Basalt dyke	46.02	1.26	13.37
Mount Arrowsmith Volcanics	Basalt alter	39.55	3.64	13.77
Mount Arrowsmith Volcanics	Basalt porpl	52.9	1.45	16.92
Mount Arrowsmith Volcanics	Basalt amyg	50.31	2.23	14.97
Bittles Tank Volcanics	Dolerite intr	48.86	1.26	15.52
Bittles Tank Volcanics	Dolerite intr	48.72	1.21	15.43
Mount Arrowsmith Volcanics	Picrite lava i	38.62	1.03	5.55
Mount Arrowsmith Volcanics	Basalt	45.83	3.2	13.86
Mount Arrowsmith Volcanics	Basalt	47.39	2.25	16.8
	Quartz vein	75.9	0.28	12.81
	Cherty tuff,	88.2	0.06	5.57
Bittles Tank Volcanics	Dolerite intr	47.5	0.79	20.51
Bittles Tank Volcanics	Dolerite intr	48.1	0.91	18.41
Bittles Tank Volcanics	Basalt, very	48.8	1.47	13.14
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	48.31	1.18	15.72
Bittles Tank Volcanics- Nuntherungie dolerite	dolerite	48.04	0.93	15.92
Evelyn Creek volcanics- extrusive	metabasalt	38.3	2.66	8.86
	granodiorite	65.5	0.6	15.6
Metasedimentary rocks	metasandst	72.1	0.53	10.6
Creswells Tank	granodiorite	71.8	0.32	14.45

	Quartz-felds	65.4	0.6	16.6
	felsic tuff	92.7	0.24	3.05
	lam felsic dy	68.9	0.37	16
Evelyn Creek volcanics- intrusive	monzodiorit	47.8	2.55	17.75
	Tibooburra	71.7	0.3	11.2
Mount Arrowsmith Volcanics	syenite	56.1	0.33	16.2
Mount Arrowsmith Volcanics	basalt	55.18	1.05	19.96
Mount Arrowsmith Volcanics	Plagioclase-	53.95	1.14	18.66
Mount Arrowsmith Volcanics	Plagioclase-	53.81	1.21	19.36
Mount Arrowsmith Volcanics	basalt- pillo	42.48	2.75	14.55
Mount Arrowsmith Volcanics	basalt- pillo	47.36	2.53	14.45
Mount Arrowsmith Volcanics	basalt- pillo	43.46	2.94	14.04
Mount Arrowsmith Volcanics	basalt- pillo	44.41	2.79	14.33
Mount Arrowsmith Volcanics	basalt- pillo	43.48	2.16	12.9
Mount Arrowsmith Volcanics	basalt- pillo	43.43	2.18	12.72
Mount Arrowsmith Volcanics	basalt- pillo	46.14	2.2	13.68
	Diorite	59.5	0.87	16.1
Evelyn Creek volcanics- intrusive	Metadolerit	43.4	3.25	15.7
Evelyn Creek volcanics- intrusive	Monzodiorit	46.2	2.71	16.4
	Monzodiorit	53.8	1	15.04
Bittles Tank Volcanics	Pillow basal	51.18	1.78	18.62
Conglomerate clasts and boulders	Leucocratic	75	0.16	13.66
	Tonalite, gra	63.5	0.63	15.8
	Tonalite, gra	65.2	0.55	15.5
	Xenolith ma	41.5	4.7	14.2
	Xenolith ma	59	0.73	15.9
Evelyn Creek volcanics- extrusive	Metabasalt	41.4	4.48	13.6
	Andesitic dy	55.1	0.93	16.2
Dynamic Tank	Tibooburra	67.2	0.48	15.3
Creswells Tank	Tibooburra	71	0.38	14.8
	Tibooburra	65.4	0.61	15.4
Evelyn Creek volcanics- extrusive	Metabasalt	39.9	4.57	13.3
	Tibooburra	66	0.61	15.4
	Basalt	49.4	1.64	13
	Basalt	51.4	1.75	13.7
	Basalt	48.3	1.86	14.1
	Basalt	48.4	1.68	13.7
Bittles Tank Volcanics	Metadolerit	48.6	1.12	15.4
Bittles Tank Volcanics	Metabasalt,	48	1.82	15.7
Jeffreys Flat Formation	Leucocratic	73.5	0.34	11.79
Jeffreys Flat Formation	Feldspar ph	78.3	0.22	11.94
Jeffreys Flat Formation	Cherty volca	82	0.08	10.48
	felsic porph	53.5	0.79	18.2
	felsic porph	54.8	0.78	18.48
	Quartz met	52.2	1.13	15.1
	Latite dyke	72.9	0.18	14
Bittles Tank Volcanics	Dolerite nor	46.88	1.09	15.38
Bittles Tank Volcanics	Dolerite or l	45.24	3.1	13.86
Bittles Tank Volcanics	Dolerite nor	49.42	1.02	15.98
Bittles Tank Volcanics	Weathered	48.71	1.55	20.82
Bittles Tank Volcanics	mafic intrus	49.99	0.97	15.26
Wertago Volcanics	Rhyolite intr	76.8	0.12	12.2
Wertago Volcanics	Mafic dacite	60.9	0.91	15.6
Wertago Volcanics	Mafic dacite	63.7	0.85	14.7
Wertago Volcanics	Mafic dacite	60.5	1.15	15.8
Wertago Volcanics	Mafic dacite	62.2	0.93	15.9

Wertago Volcanics	Rhyodacite, 76.6	0.12	12.3
Bittles Tank Volcanics	Andesite or 52.4	1.12	16.1
Wertago Volcanics	feldspar por 73.74	0.22	13.38
Wertago Volcanics	andesite 60.26	1.08	15.87
Puckley Granite	ADAMELLITI 71.4	0.33	14.37
Kintore Granite	GRANITE 73.32	0.13	14.6
Puckley Granite	MONZOGRA 70.5	0.4	14.9
Leichhardt Pocket Granite	GRANITE 65.94	0.61	15.03
Puckley Granite	GRANITE 73.23	0.26	13.65
Puckley Granite	MICROGRA 74.13	0.08	13.54
Puckley Granite	GRANITE 69.27	0.38	14.33
Leichhardt Pocket Granite	GRANITE 74.59	0.15	13.08
Leichhardt Pocket Granite	GRANITE 68.2	0.47	14.55
Dalkum Microgranite	MICROGRA 72.92	0.01	14.78
Dalkum Microgranite	MICROGRA 73.65	0.02	14.87
Puckley Granite	GRANITE 70.6	0.32	13.87
	ORE 21.9	0	16.3
	ORE 14.6	0	16.7
Princhester Serpentinite	DOLERITE 46.37	0.29	17.82
	DOLERITE 50.12	1.65	13.9
Princhester Serpentinite	BASALT 49.29	0.82	15.34
Princhester Serpentinite	GABBRO 50.24	0.44	14.61
	TRONDHJEN 75.4	0.1	14.92
Princhester Serpentinite	HARZBURGI 43.16	0.84	0.02
	BASALT 54.12	0.69	14.6
	TONALITE 68.45	0.16	19.13
	DOLERITE 48.72	2.06	15.31
Princhester Serpentinite	HARZBURGI 40.82	0.89	0.01
Princhester Serpentinite	HARZBURGI 40.78	0.88	0.02
	GABBRO 46.5	0.65	18.84
	DOLERITE 45.13	1.7	16.97
Princhester Serpentinite	GABBRO 46.92	0.27	15.66
Princhester Serpentinite	DOLERITE 44.79	0.88	15.06
ODg/d-Ravenswood Batholith	DIORITE 45.1	0.91	17.4
Policeman Creek Granodiorite	GRANODIOF 67.1	0.49	14.5
Flora Creek Trondhjemitite	GRANITE 75	0.31	13
Flora Creek Trondhjemitite	GRANITE 74.4	0.29	13.4
Og-Ravenswood Batholith	GRANITE 70.9	0.31	14.2
Policeman Creek Granodiorite	GRANITE 75.6	0.26	12.6
Schreibers Granodiorite	GRANODIOF 70.9	0.35	14.1
Wharleys Tonalite	GRANODIOF 59.7	0.07	16.9
Broughton River Granodiorite	GRANODIOF 58.9	0.75	16.3
Brittania Granodiorite	GRANITE 71.3	0.42	14
Brittania Granodiorite	GRANODIOF 71.2	0.35	13.6
Og-Ravenswood Batholith	GNEISS 52.4	0.66	15.8
Black Jack Granodiorite	GRANITE 74.1	0.28	12.8
SDg-Ravenswood Batholith	GRANITE 77.3	0.2	11.9
Fenian Granite	GRANITE 76.9	0.07	12.4
Og?-8057	GRANITE 76.1	0.07	12.7
Black Jack Granodiorite	GRANITE 75.2	0.26	12.7
Schreibers Granodiorite	GRANITE 72.2	0.33	13.5
Deane Granodiorite	GRANITE 73.8	0.12	14.1
	GRANITE 76.4	0.18	12.3
	GRANITE 68.6	0.59	14.7
	GRANITE 75.5	0.2	12.4
	GRANITE 75.4	0.18	12.9

	GRANITE	75.1	0.2	12.6
	GRANITE	71.4	0.38	14.4
	GRANITE	75	0.19	13.1
	GRANITE	73	0.25	13.6
Mosgardies Adamellite	ADAMELLITI	71.76	0.32	13.68
Jessop Creek Tonalite	TONALITE	59.82	0.57	16.7
Bogie Creek Granite	ADAMELLITI	70.78	0.43	14.15
Bogie Creek Granite	ADAMELLITI	72.04	0.33	13.63
Molybdenite Creek Granite	GRANITE	77.03	0.08	12.52
Millaroo Granite	GRANITE	74.74	0.2	12.89
Molybdenite Creek Granite	GRANITE	76.33	0.1	12.68
Dalmore Granodiorite	GRANODIOF	63.54	0.65	15.29
Bogie Creek Granite	ADAMELLITI	72.63	0.3	13.5
Dalmore Granodiorite	GRANODIOF	62.79	0.65	15.35
Dalmore Granodiorite	RHYOLITE	72.89	0.22	13.88
Bogie Creek Granite	ADAMELLITI	72.58	0.31	13.54
Deane Granodiorite	GRANODIOF	63.28	0.48	15.92
Matthews Pinnacle Quartz Diorite	TONALITE	60.46	0.76	16.46
Mount Canton Igneous Complex/g	ADAMELLITI	70.95	0.37	14.6
Glenell Granodiorite	GRANODIOF	67.25	0.49	14.66
Jessop Creek Tonalite	TONALITE	59.82	0.57	16.79
Jessop Creek Tonalite	TONALITE	57.86	0.58	17.45
Jessop Creek Tonalite	TONALITE	48.66	0.72	20.55
Jessop Creek Tonalite	GABBRO	47.32	0.85	17.86
Millaroo Granite	GRANITE	74.38	0.19	13.2
ODg/d-Ravenswood Batholith	DOLERITE	46.44	0.58	17.11
Chippendale Granodiorite	GRANODIOF	61.55	0.5	16.44
Chippendale Granodiorite	GRANODIOF	62.85	0.54	15.7
Chippendale Granodiorite	GRANODIOF	62.92	0.47	15.66
Carse-O-Gowrie Granodiorite	GRANODIOF	67.79	0.37	15.04
Carse-O-Gowrie Granodiorite	GRANODIOF	68.29	0.32	15.06
Carse-O-Gowrie Granodiorite	GRANODIOF	69.7	0.31	14.62
Carse-O-Gowrie Granodiorite	GRANODIOF	62.01	0.5	16.03
Carse-O-Gowrie Granodiorite	GRANODIOF	60.89	0.59	16.29
Carse-O-Gowrie Granodiorite	GRANODIOF	61.31	0.57	16.2
Carse-O-Gowrie Granodiorite	GRANODIOF	61.44	0.59	16.38
Carse-O-Gowrie Granodiorite	GRANODIOF	59.07	0.67	16.72
Carse-O-Gowrie Granodiorite	GRANODIOF	64.68	0.45	15.66
CPir-Kennedy Province	ANDESITE	57.97	0.85	16
Carse-O-Gowrie Granodiorite	GRANODIOF	59.67	0.66	16.69
CPa-8257	ANDESITE	62.08	0.83	16.18
CPa-8257	ANDESITE	54.5	0.89	17.71
CPmg-Kennedy Province	PORPHYRY	56.54	1.02	17.8
CPmg-Kennedy Province	DACITE MET	72.59	0.29	13.13
Carse Creek Complex	DACITE MET	75.13	0.16	12.7
Two Creek Granodiorite	GRANODIOF	72.02	0.19	15.27
Carse-O-Gowrie Granodiorite	QUARTZ DIC	58.28	0.67	16.65
Carse-O-Gowrie Granodiorite	GRANODIOF	64.54	0.49	15.51
Carse-O-Gowrie Granodiorite	GRANODIOF	65.03	0.51	15.24
Carse-O-Gowrie Granodiorite	GRANODIOF	61.6	0.6	16.23
Two Creek Granodiorite	GRANODIOF	71.49	0.27	14.82
Lulu Pocket Igneous Complex/3	GRANODIOF	67.65	0.41	15.88
Deane Granodiorite	GRANODIOF	61.97	0.55	15.66
Deane Granodiorite	GRANODIOF	68.14	0.32	15.39
Deane Granodiorite	TRONDHJEN	68.49	0.28	15.84
Deane Granodiorite	GRANODIOF	67.99	0.3	15.5

Deane Granodiorite	GRANODIOF 68.86	0.3	15.07
Deane Granodiorite\	TRONDHJEN 69.95	0.25	15.69
Broughton River Granodiorite	GRANODIOF 58.62	0.71	16.58
Ravenswood Granodiorite Complex	GABBRO 50.03	0.77	17.48
Kedumba Granodiorite	ADAMELLITI 71.63	0.33	13.99
Kedumba Granodiorite	ADAMELLITI 71.55	0.28	14.1
Kedumba Granodiorite	ADAMELLITI 71.12	0.33	14.13
Mount Cuthbert Granodiorite	GRANODIOF 61.65	0.76	15.64
Ravenswood Granodiorite Complex	ADAMELLITI 73.81	0.22	13.52
	APLITE 76.99	0.06	12.41
Mount Windsor Volcanics	RHYODACIT 76.16	0.2	10.68
	GABBRO 47.31	0.91	17.6
	DIORITE 50.88	0.52	18.71
	GRANODIOF 72.65	0.31	13.93
	GRANITE 77.93	0.09	12.11
	GRANODIOF 65.2	0.64	16.05
	RHYOLITE 75.53	0.18	13.27
	GRANITE 74.24	0.22	13.61
	ANDESITE 62.5	0.82	16.04
	IGNIMBRITE 75.41	0.17	12.88
	RHYOLITE A 75.8	0.16	13.24
	RHYOLITE A 66.49	0.28	14.26
	GRANODIOF 75.51	0.16	13.1
	GRANODIOF 71.55	0.32	14.39
	GRANITE 74.13	0.18	13.7
Deane Granodiorite	PORPHYRY 59.21	0.69	15.34
Deane Granodiorite	MONZOGRA 69.26	0.33	15.39
Policeman Creek Granodiorite	GRANODIOF 67.78	0.46	14.39
Policeman Creek Granodiorite	GRANODIOF 68.21	0.47	14.21
Black Jack Granodiorite	GRANITE MI 74.87	0.3	12.85
Deane Granodiorite	PORPHYRY 73.4	0.16	14.92
Deane Granodiorite	PORPHYRY 72.23	0.2	15.3
Matthews Pinnacle Quartz Diorite	QUARTZ DIC 65.59	0.63	15.59
ODg/d-Ravenswood Batholith	GABBRO 45.97	0.65	19.21
Merriland Tonalite	TONALITE 59.44	0.44	17.69
Merriland Tonalite	TONALITE 58.78	0.41	17.97
Fenian Granite	GRANITE 76.33	0.07	12.9
Fenian Granite	DOLERITE 50.73	1.52	15.22
Fenian Granite	GRANITE 77.13	0.07	12.41
Mount Glengalder Granite	GRANITE 75.52	0.18	12.74
Mount Glengalder Granite	GRANITE 76.54	0.19	12.18
Mount Glengalder Granite	GRANITE 77.01	0.15	12.03
Puddler Creek Formation?	MICROGRA 77.02	0.15	12.1
Mount Windsor Volcanics	RHYOLITE 79.32	0.12	10.63
Mount Windsor Volcanics	RHYOLITE 78.09	0.14	11.04
Mundic Igneous Complex	GRANITE 75.94	0.09	12.37
	APLITE 76.99	0.06	12.41
	GRANODIOF 72.65	0.31	13.93
	LEUCOGRAM 77.93	0.09	12.11
	GRANODIOF 65.2	0.64	16.05
	GRANITE 74.24	0.22	13.61
	ANDESITE 62.5	0.82	16.04
	IGNIMBRITE 75.41	0.17	12.88
	RHYOLITE A 75.8	0.16	13.24
	RHYOLITE A 66.49	0.28	14.26
	GRANODIOF 75.51	0.16	13.1

Drynoch Granite	MICROGRAI	71.55	0.32	14.39
	ADAMELLITI	72.29	0.34	13.65
	GRANODIOF	71.6	0.3	14.3
Mundic Igneous Complex	GRANITE	76.1	0.08	12.8
Puddler Creek Formation?	ANDESITE	69.6	0.4	15.1
Og?-8057	GRANITE	76.6	0.06	12.8
Og?-8057	GRANITE	76.4	0.08	12.9
Trooper Creek Formation?	DACITE	76.3	0.58	11
Mount Windsor Volcanics	RHYOLITE	74.2	0.3	12.7
Shovel Creek Complex/l	GRANODIOF	60.5	0.52	16.9
Og?-8057	GRANITE	75.9	0.1	12.8
Cape River Metamorphics/sa	AMPHIBOLI	48.8	1.44	14.7
Cape River Metamorphics/sa	AMPHIBOLI	48.9	0.8	13.1
Cape River Metamorphics/sa	AMPHIBOLI	52.5	0.84	15
Cape River Metamorphics/sa	GABBRO ME	48.7	0.64	16.5
Seventy Mile Range Group-Alan Hills area/q	SILTSTONE	85.6	0.08	7.4
Wellington Springs Tonalite	GRANODIOF	64.6	0.54	15.2
Boori Igneous Complex/1	GRANITE	76.1	0.07	12.9
Boori Igneous Complex/2	GRANODIOF	57.6	1.02	16.5
Poddskles Microgranite	MICROGRAI	74.9	0.22	13
Wellington Springs Tonalite	TONALITE	60.1	0.58	16.6
Mosgardies Adamellite	ADAMELLITI	73.5	0.24	13.5
Banana Microgranite	MICROGRAI	76.7	0.09	12.6
Millaroo Granite	GRANITE	76.2	0.1	12.7
Millaroo Granite	GRANITE	74.2	0.2	13.2
Millaroo Granite	TONALITE	59.9	0.59	16.6
Jessop Creek Tonalite	TONALITE	60.9	0.59	16.8
Mount Windsor Volcanics	RHYOLITE	75.5	0.2	12
First Pocket Igneous Complex/1	GRANODIOF	60.3	0.97	16.1
First Pocket Igneous Complex/1	TONALITE	58.2	1.09	16.6
First Pocket Igneous Complex	DIORITE	54.4	1.57	17.5
Mount Windsor Volcanics	IGNIMBRITE	71.8	0.34	14
Barrabas Adamellite/2	ADAMELLITI	74.3	0.17	13.7
Barrabas Adamellite/2	GRANITE	76.7	0.07	13.1
Carse-O-Gowrie Granodiorite	GRANODIOF	71.3	0.3	14.4
Carse-O-Gowrie Granodiorite	GRANODIOF	63.8	0.48	15.9
Robey Range Granite/3	GRANITE	72.2	0.34	14.1
Robey Range Granite/2	MICROGRAI	67.1	0.43	15.4
Robey Range Granite/2	MICROGRAI	61.7	1.06	16.2
Robey Range Granite/3	GRANITE	71.1	0.36	14.2
Black Pinnacle Igneous Complex/1	GRANITE	75.4	0.17	12.5
Lulu Pocket Igneous Complex/2	GRANITE	74.9	0.21	13.2
Lulu Pocket Igneous Complex/2	GRANITE	73.8	0.26	13.5
Lulu Pocket Igneous Complex/1	GRANITE	71.1	0.32	14.8
Carse-O-Gowrie Granodiorite	GRANITE	61.5	0.7	15.9
Carse-O-Gowrie Granodiorite	GRANITE	63.8	0.63	15.2
CPmg-Kennedy Province	GRANITE	60.7	0.63	15.1
SDg/a-Ravenswood Batholith	GRANITE	74.6	0.19	13.2
Mount Cuthbert Granodiorite	GRANITE	77.1	0.12	12.2
Carse-O-Gowrie Granodiorite	GRANITE	70.2	0.33	14.1
Carse-O-Gowrie Granodiorite	GRANITE	55.5	0.68	17.2
Lulu Pocket Igneous Complex/3	GRANITE	69.1	0.32	15.5
Carse Creek Complex	GRANITE	67.8	0.38	15.5
Carse Creek Complex	GRANITE	68.5	0.51	14.8
Black Pinnacle Igneous Complex/3	GRANITE	60.8	0.99	16.6
Carse Creek Complex	GRANITE	68.8	0.5	14.9

Carse Creek Complex	GRANITE	70.7	0.33	14.7
Mount Cuthbert Granodiorite	GRANITE	66	0.53	14.7
Mount Cuthbert Granodiorite	GRANITE	64.6	0.6	14.9
Carse Creek Complex	GRANITE	71.5	0.29	14.5
Carse Creek Complex	GRANITE	67.8	0.47	14.9
Carse Creek Complex	GRANITE	65.9	0.45	15.7
Two Creek Granodiorite	GRANITE	71.1	0.32	14.8
Medicine Creek Complex/c	GRANITE	76	0.19	12.2
Medicine Creek Complex/b	GRANITE	76.4	0.19	12.3
Medicine Creek Complex/b	GRANODIOF	72.7	0.34	13.2
Medicine Creek Complex/a	DIORITE	49.6	0.49	16.2
Bend Granodiorite	GRANODIOF	73.4	0.27	13.5
Bend Granodiorite	GRANODIOF	72.3	0.27	13.8
ODg/a-Ravenswood Batholith	GRANITE	76.1	0.18	12.5
Medicine Creek Complex/a	GRANITE	68.5	0.47	14.2
Medicine Creek Complex/a	RHYOLITE	75.4	0.21	12.1
Mount Windsor Volcanics/d	GABBRO	47.8	1.1	15.9
Mount Windsor Volcanics	MICROGRA	75	0.25	11.9
Mount Windsor Volcanics	MICROGRA	75.7	0.24	11.8
SDg/d-Ravenswood Batholith	GABBRO	47.3	1.01	16
SDg/d-Ravenswood Batholith	GABBRO	47.1	0.25	19.5
Mount Windsor Volcanics	TONALITE	76.6	0.24	12.8
Mount Windsor Volcanics	DIORITE	52.9	0.72	15.9
Medicine Creek Complex/c	GRANODIOF	76.3	0.14	12.6
Darkwater Complex	partly melte	0	0.215212	5.536129
Darkwater Complex	Gossanous?	0	0.011678	0.77468
Darkwater Complex	calcareous ±	0	0.538865	9.37174
Darkwater Complex	quartz-hemi	0	0.750741	13.339614
Darkwater Complex	Serpentinite	0	0.025025	1.454887
Darkwater Complex	Gabbro	0	0.443771	15.399129
Darkwater Complex	Volcanic are	0	0.595588	15.833706
Marlborough ophiolite	Gabbro	46.92	15.66	0.27
Marlborough ophiolite	Dolerite	44.79	15.06	0.88
Marlborough ophiolite	Harzburgite	43.16	0.02	0.84
Marlborough ophiolite	Dolerite	46.37	17.82	0.29
Marlborough ophiolite	Basalt	49.29	15.34	0.82
Marlborough ophiolite	Harzburgite	40.82	0.01	0.89
Marlborough ophiolite	Gabbro	50.24	14.61	0.44
Marlborough ophiolite	Harzburgite	40.78	0.02	0.88
Warraweena volcanics		52.02	0.72	16.23
Warraweena volcanics		51.92	0.72	16.26
Warraweena volcanics		54.38	0.54	14.86
Warraweena volcanics		47.76	1.81	17.02
Warraweena volcanics		47.78	1.96	18.11
Warraweena volcanics		46.69	1.81	17.17
Warraweena volcanics		53.22	0.58	15.73
Warraweena volcanics		54.19	0.58	15.75
Warraweena volcanics		53.31	0.54	15.37
Warraweena volcanics		53.08	0.56	15.24
Warraweena volcanics		52.07	0.56	15.84
Warraweena volcanics		54.12	0.66	15.91
Warraweena volcanics		55.23	0.7	15.02
Warraweena volcanics		54.21	0.7	15.7
Warraweena volcanics		54.41	0.63	14.95
	IGNIMBRITE	71	0.34	12.84
	ANDESITE	60.1	1.12	16.05

	ANDESITE	64.7	0.77	12.81
	ANDESITE	58.5	1.08	16.06
Elizabeth Creek Granite	GREISEN	75.3	0.02	13
Watsonville Granite	MONZOGRA	74.9	0.18	12.98
Glen Gordon Volcanics	RHYODACIT	70.5	0.33	13.71
Elizabeth Creek Granite	MONZOGRA	76.9	0.04	12.67
Atlanta Granite	QUARTZ DIC	56	0.81	17.94
Gurrumba Ring Complex-Cgd	ANDESITE	62	1.07	15.11
Gurrumba Ring Complex-Cgo	GABBRO	44	0.2	23.15
Gurrumba Ring Complex-Cgo	GABBRO	44.6	0.18	26.32
Watsonville Granite	MONZOGRA	74.7	0.22	13.07
Elizabeth Creek Granite	GRANITE	76.7	0.1	12.08
Elizabeth Creek Granite	GRANITE	77	0.09	11.82
Halpin Granite	RHYODACIT	72.4	0.29	13.3
Bluewater Rhyolite	TUFF	71.3	0.3	14.32
	MICROGRA	66.9	0.69	13.71
Altanmoui Granite	GRANITE	74.1	0.25	13.07
Altanmoui Granite	ADAMELLITI	71.4	0.45	13.91
Altanmoui Granite	GRANITE	75.1	0.23	12.49
Trevethan Granite	GRANODIOF	64.6	0.76	14.78
Trevethan Granite	RHYODACIT	75.6	0.22	12.56
Trevethan Granite	TONALITE	65.3	0.74	15.28
Finlayson Granite	MICROGRA	75.1	0.28	13.03
Finlayson Granite	MICROGRA	74.9	0.23	13.02
Finlayson Granite	GRANITE	75.9	0.11	13.19
Finlayson Granite	ADAMELLITI	74.3	0.32	13.51
Finlayson Granite	GRANITE	74.4	0.24	13.33
Mount Carbine Granite	ADAMELLITI	74.5	0.02	14.26
	GRANODIOF	67.4	0.46	14.9
Ruddygore Granodiorite	GRANODIOF	64.2	0.56	15.51
Ruddygore Granodiorite	GRANODIOF	65.3	0.05	15.4
Mareeba Granite	GRANITE	72.7	0.09	15.05
Mount Carbine Granite	ADAMELLITI	72.8	0.21	14.24
Mount Carbine Granite	ADAMELLITI	75.1	0.18	13.54
	RHYODACIT	71.6	0.34	13.92
Mount Carbine Granite	ADAMELLITI	71.2	0.42	14.3
Kelly St George Granite	ADAMELLITI	66.7	0.75	15.07
Kelly St George Granite	ADAMELLITI	68.9	0.51	15.16
Kelly St George Granite	ADAMELLITI	74	0.06	14.58
Cannibal Creek Granite	GRANITE	72.4	0.22	14.94
Kelly St George Granite	ADAMELLITI	73.3	0.02	15.15
	ADAMELLITI	75.5	0.23	12.66
	ADAMELLITI	73.6	0.22	14.19
Wangetti Granite	ADAMELLITI	73.6	0.04	15.35
Mount Formartine Granite	ADAMELLITI	71.3	0.56	14.16
Malbon Thompson Granite	ADAMELLITI	74.1	0.33	12.9
Bamford Granite	GRANITE	78.36	0.02	12.18
Bamford Granite	GRANITE	77.8	0.04	12.47
Petford Granite	MONZOGRA	74	0.23	13.05
Elizabeth Creek Granite	GRANITE	77.4	0.06	12.33
Boxwood Volcanics	RHYODACIT	74	0.22	13.28
Elizabeth Creek Granite	MONZOGRA	77.9	0.08	11.8
Jumna Granite	GRANITE	75.2	0.05	12.73
Kalunga Granodiorite	GRANITE	75.7	0.15	12.85
Kalunga Granodiorite	GRANITE	75.56	0.12	12.89
Elizabeth Creek Granite	MONZOGRA	76.9	0.1	12.51

Glen Gordon Volcanics	TUFF	76	0.13	12.69
Hales Siding Granite	MONZOGRA	76.9	0.08	13
Hales Siding Granite	MONZOGRA	77.6	0.08	11.8
Orient Rhyolite	TUFF	71.6	0.29	13.62
Elizabeth Creek Granite	GRANITE	75.6	0.17	13.11
Muirson Rhyolite	TUFF	71.9	0.27	14.14
Atlanta Granite	GRANITE	76.7	0.11	12
Atlanta Granite	GRANITE	76.1	0.14	12.41
Emuford Granite	GRANITE	77.3	0.13	11.6
Elizabeth Creek Granite	GRANITE	76	0.12	12.73
Bluewater Rhyolite	TUFF	72.3	0.27	14.1
Tinaroo Granite	GRANITE	74.3	0.1	14.12
	GRANITE	77.7	0.07	12.33
Tinaroo Granite	MONZOGRA	76.1	0.11	13.08
Tinaroo Granite	MONZOGRA	72.3	0.23	15.34
Tinaroo Granite	GNEISS	75.3	0.01	14.64
Tully Granite Complex	MONZOGRA	72.1	0.36	13.92
Tully Granite Complex	MONZOGRA	73.5	0.32	13.58
Tully Granite Complex	MONZOGRA	73.5	0.29	13.38
Tully Granite Complex	GNEISS	74.1	0.21	13.42
Tully Granite Complex	GRANODIOF	69.4	0.5	14.98
Tully Granite Complex	QUARTZ DIC	52.9	1.2	16.83
Bellenden Ker Granite	GRANITE	76.8	0.17	11.87
Bellenden Ker Granite	MONZOGRA	73.1	0.34	13.11
Bartle-Frere Granite	MONZOGRA	67.4	0.47	16.42
	MONZOGRA	67.7	0.52	14.95
	MONZOGRA	71.6	0.32	14.53
	MONZOGRA	76.7	0.08	13.39
	MONZOGRA	74	0.22	13.67
	GRANITE	77.3	0.06	11.89
Finlayson Granite	ADAMELLITI	73.6	0.3	13.58
Mareeba Granite	MONZOGRA	69.6	0.44	14.83
Mareeba Granite	MICROGRAI	71.8	0.22	15.09
	MONZOGRA	76.3	0.09	12.39
Beapeo Rhyolite	TUFF	73.9	0.21	13.45
Beapeo Rhyolite	TUFF	73.3	0.22	13.68
James Creek Granite	GRANITE	75.7	0.06	12.66
James Creek Granite	GRANITE	77.1	0.06	12.21
James Creek Granite	GRANITE	75.1	0.06	12.21
Arringunna Rhyolite	RHYOLITE	76.6	0.1	12.51
Arringunna Rhyolite	RHYODACIT	72.4	0.36	12.91
Arringunna Rhyolite	RHYOLITE	75.3	0.18	11.97
Atlanta Granite	MONZOGRA	74.4	0.16	12.91
Borneo Granodiorite	RHYODACIT	70.9	0.32	14.83
Rock Hole Rhyolite	RHYOLITE	76.6	0.09	12.24
Verdure Andesite	ANDESITE	63.5	0.55	15.55
Bamford Granite	MONZOGRA	77.7	0.06	12.48
Hopscotch Rhyolite	TUFF	73.1	0.27	13.51
Adder Dacite	TUFF	66.3	0.58	15.3
Hopscotch Rhyolite	TUFF	70.4	0.32	14.55
	ANDESITE	59.5	1.99	13.42
Bamford Granite	GRANITE	77.2	0.06	12.24
Retire Monzodiorite/2	QUARTZ DIC	59	0.74	16.79
Bluewater Rhyolite	TUFF	71.6	0.29	13.62
Ootann Granite	RHYODACIT	71.9	0.31	13.35
Bluewater Rhyolite	TUFF	71.2	0.31	13.56

Petford Granite	MONZOGRA 74.9	0.22	13.3
Ruddygore Granodiorite	GRANODIOF 67.7	0.43	14.92
Wakara Volcanic Subgroup	TUFF 74.9	0.27	12.13
	RHYODACIT 74.8	0.16	11.97
Fisherman Rhyolite	TUFF 77.2	0.15	12.84
Fisherman Rhyolite	RHYOLITE 76.9	0.13	11.4
Fisherman Rhyolite	RHYOLITE 76.6	0.13	11.53
Fisherman Rhyolite	RHYODACIT 73	0.41	13.23
Fisherman Rhyolite	RHYODACIT 73	0.36	13.05
Ruddygore Granodiorite	GRANODIOF 65.1	0.62	15.34
Retchford Granite	MONZOGRA 74.2	0.18	13.4
Almaden granodiorite	GRANODIOF 67.7	0.46	14.84
Dalnotter Dacite	TUFF 69.6	0.38	14.3
Featherbed Volcanic Group	TUFF 77.9	0.03	12.98
Featherbed Volcanic Group	RHYOLITE A 80.9	0.03	12.11
	ANDESITE 59.9	1.61	12.88
	DACITE 63.8	1.08	12.61
Herbert River Granite	MONZOGRA 73.4	0.24	13.09
Herbert River Granite	MONZOGRA 76	0.13	12.28
Almaden granodiorite	QUARTZ DIC 55.5	1.05	17.08
Petford Granite	MONZOGRA 74.5	0.23	13.29
Petford Granite	MONZOGRA 72.4	0.29	13.67
Retire Monzodiorite/2	QUARTZ DIC 56.9	0.71	17.25
Petford Granite	MONZOGRA 74.6	0.2	12.82
Retire Monzodiorite/2	QUARTZ DIC 60.1	0.68	16.48
	OBSIDIAN 72.8	0.2	11.89
	BASALT 50.9	1.34	16.46
	BASALT 52.3	1.28	16.94
	ANDESITE 56.3	2.05	13.47
	DACITE 64.5	0.66	14.89
	ANDESITE 61	1	17.19
	DACITE 64.9	1.02	15.53
	RHYOLITE 69.9	0.2	13.73
	IGNIMBRITE 70.3	0.34	12.73
	IGNIMBRITE 72.2	0.31	12.56
Worcester Granodiorite	GRANODIOF 71	0.35	15.5
Worcester Granodiorite	GRANODIOF 71.64	0.32	14.89
Bulluburrah Granite	MONZOGRA 72.94	0.29	13.53
Ruddygore Granodiorite	GRANODIOF 67.59	0.44	14.83
	GRANITE 74.36	0.23	13.19
Cottell Rhyolite	DACITE 70.59	0.61	12.27
Atlanta Granite	GRANITE 74.22	0.17	13.38
Muirson Rhyolite	RHYOLITE A 78.74	0.29	13.98
	IGNIMBRITE 73.92	0.27	13.09
	IGNIMBRITE 73.28	0.25	13.46
	IGNIMBRITE 75.46	0.17	13.15
	IGNIMBRITE 70.56	0.3	14.9
Halpin Granite	GRANITE 74.83	0.15	12.99
Solanum Granodiorite	GRANODIOF 66.47	0.48	14.97
Halpin Granite	GRANITE 74.51	0.17	13.18
	ANDESITE 64.99	0.77	15.91
	IGNIMBRITE 69.76	0.32	14.62
	RHYOLITE 75.23	0.2	14.91
	ANDESITE A 61.23	0.76	15.88
	IGNIMBRITE 61.14	0.59	15.98
Hopscotch Rhyolite	IGNIMBRITE 71.12	0.37	14.25

Hopscotch Rhyolite	IGNIMBRITE 70.16	0.35	14.01	
	IGNIMBRITE 75.38	0.24	12.78	
Orient Rhyolite	IGNIMBRITE 70.12	0.34	14.65	
	IGNIMBRITE 69.58	0.4	14.77	
	IGNIMBRITE 71.55	0.33	14.28	
	IGNIMBRITE 71.33	0.2	14.06	
	IGNIMBRITE 71.54	0.27	13.66	
Orient Rhyolite	IGNIMBRITE 70.25	0.37	14.56	
	IGNIMBRITE 73.84	0.26	13	
	IGNIMBRITE 72.13	0.27	14.02	
	IGNIMBRITE 71.61	0.24	14.37	
	IGNIMBRITE 68.97	0.45	15.12	
	ANDESITE A 63.97	1.28	12.56	
	IGNIMBRITE 78.06	0.11	12.31	
	ANDESITE A 64.01	1.31	12.61	
	Worcester Granodiorite	GRANODIOF 70.04	0.37	14.87
		IGNIMBRITE 70.22	0.4	14.71
IGNIMBRITE 71.45		0.25	13.79	
Worcester Granodiorite	GRANODIOF 70.34	0.36	15.47	
James Creek Granite	GRANITE 77.27	0.05	12.47	
	IGNIMBRITE 74.48	0.25	12.26	
	IGNIMBRITE 72.94	0.21	13.58	
	IGNIMBRITE 76.86	0.15	11.54	
	IGNIMBRITE 72.56	0.36	12.71	
	IGNIMBRITE 76.46	0.1	12.32	
	IGNIMBRITE 75.82	0.1	12.25	
	Adder Dacite	IGNIMBRITE 65.86	0.59	15.4
		IGNIMBRITE 69.63	0.32	14.61
		IGNIMBRITE 65.78	0.62	15.14
IGNIMBRITE 63.59		0.54	15.47	
IGNIMBRITE 61.71		0.6	16.12	
Borneo Granite/1	MONZOGRA 73.93	0.24	13.4	
Borneo Granite/1	GRANODIOF 67.48	0.47	15.91	
Borneo Granite/1	GRANITE 70.35	0.3	14.57	
	IGNIMBRITE 72.26	0.27	14.16	
	IGNIMBRITE 71.91	0.32	13.56	
	IGNIMBRITE 78.01	0.11	11.72	
	IGNIMBRITE 65.36	0.49	14.9	
	RHYOLITE 75.24	0.05	12.97	
	ANDESITE A 57.74	1.44	15.52	
	IGNIMBRITE 66.35	0.49	15.33	
	IGNIMBRITE 72.11	0.27	14.1	
	ANDESITE 63.91	0.64	16	
	GRANITE 73.95	0.21	13.29	
	ANDESITE 58.43	1.78	13.05	
	IGNIMBRITE 67.83	0.43	14.83	
	IGNIMBRITE 78.27	0.07	12.94	
	Bulluburrah Granite	MONZOGRA 71.42	0.31	13.78
RHYOLITE 74.54		0.24	11.95	
RHYOLITE 72.8		0.16	11.47	
Lags Supersuite	IGNIMBRITE 72.42	0.13	11.23	
	GRANITE 71.97	0.36	13.75	
Lags Microgranite	GRANITE 71.93	0.29	13.52	
	MONZOGRA 68.93	0.01	12.5	
	MONZOGRA 68.45	0.84	12.5	
Ruddygore Granodiorite	GRANODIOF 68.26	0.5	14.92	

Ruddygore Granodiorite	GRANODIOF 69.08	0.48	14.78
	IGNIMBRITE 76.8	0.16	11.94
	IGNIMBRITE 77.45	0.14	11.3
	OBSIDIAN 72.2	0.13	11.4
Lags Supersuite	GRANITE 72.82	0.31	13.57
	IGNIMBRITE 72.83	0.15	11.43
	IGNIMBRITE 76.5	0.12	11.68
	IGNIMBRITE 77.94	0.18	11.21
	IGNIMBRITE 74.86	0.21	12.55
	IGNIMBRITE 74.25	0.11	11.11
	IGNIMBRITE 78.96	0.2	11.19
	IGNIMBRITE 76.95	0.16	11.95
	IGNIMBRITE 76.81	0.14	11.4
	IGNIMBRITE 76.32	0.13	11.4
	IGNIMBRITE 81.66	0.1	9.08
Election Granite	GRANITE 71.07	0.33	14.96
Election Granite	GRANITE 77.11	0.17	12.44
	IGNIMBRITE 65.16	0.67	14.82
	IGNIMBRITE 76.68	0.13	11.53
	IGNIMBRITE 77.48	0.14	11.69
	IGNIMBRITE 77.41	0.14	11.32
	IGNIMBRITE 77.23	0.11	11.43
	IGNIMBRITE 77.04	0.14	11.86
	IGNIMBRITE 78.58	0.11	11.6
	IGNIMBRITE 77.95	0.09	11.85
	IGNIMBRITE 78.8	0.12	11.15
	IGNIMBRITE 74.7	0.08	11.28
	IGNIMBRITE 69.91	0.24	12.39
	IGNIMBRITE 77.51	0.12	11.27
	IGNIMBRITE 74.41	0.1	10.82
	IGNIMBRITE 76.08	0.19	11.5
	IGNIMBRITE 77.44	0.13	11.73
Almaden Granodiorite	GRANODIOF 65.42	0.56	16.91
	IGNIMBRITE 75.42	0.12	13.21
	IGNIMBRITE 65.84	0.49	14.85
	IGNIMBRITE 75.41	0.1	12.56
Pinchgut Granite	GRANITE 77.01	0.07	12.1
	IGNIMBRITE 75.97	0.1	12.37
	IGNIMBRITE 76.02	0.1	12.38
Jacks Granite/1	GRANITE 77.2	0.11	12.32
Jacks Granite/1	GRANITE 77	0.11	12.38
	IGNIMBRITE 76.24	0.1	12.4
	IGNIMBRITE 76.49	0.1	12.23
	IGNIMBRITE 76.83	0.12	11.66
	IGNIMBRITE 76.28	0.11	12.68
	IGNIMBRITE 73.06	0.34	12.82
	TUFF 83.42	0.14	8.59
Saint Helena Monzogranite	MONZOGRAN 66.15	0.7	13.82
	IGNIMBRITE 75.29	0.21	12.1
Saint Helena Monzogranite	MONZOGRAN 66.55	0.69	13.76
	IGNIMBRITE 77.38	0.11	11.79
Saint Helena Monzogranite	MONZOGRAN 69.69	0.5	13.43
	IGNIMBRITE 74.84	0.19	12.05
	IGNIMBRITE 76.04	0.2	11.51
	IGNIMBRITE 72.88	0.33	12.65
	IGNIMBRITE 73	0.35	12.81

	IGNIMBRITE 73.29	0.29	12.51
	IGNIMBRITE 72.89	0.31	13.7
Hopscotch Rhyolite	IGNIMBRITE 71.54	0.37	14.33
	IGNIMBRITE 71.21	0.24	13.82
	RHYOLITE 73.37	0.29	12.5
	IGNIMBRITE 72.65	0.35	13.05
	IGNIMBRITE 71.93	0.37	12.82
	IGNIMBRITE 72.61	0.31	12.77
	RHYOLITE 75.27	0.21	11.84
Almaden Granodiorite	GRANODIOF 65.73	0.55	15.41
Almaden Granodiorite	GRANITE 72.98	0.23	13.28
	IGNIMBRITE 65.49	0.62	15.6
	IGNIMBRITE 74.8	0.1	13.7
	IGNIMBRITE 75.57	0.19	12.55
	IGNIMBRITE 72.35	0.35	13.02
Almaden Granodiorite	GRANODIOF 67.83	0.38	14.42
	IGNIMBRITE 68.61	0.49	14.46
	IGNIMBRITE 75.44	0.14	12.27
	IGNIMBRITE 73.29	0.2	14.03
	IGNIMBRITE 71.47	0.35	14.23
Retchford Granite	GRANITE 72.92	0.21	13.7
Hiker Granodiorite	GRANODIOF 67.34	0.53	14.99
Hiker Granodiorite	GRANODIOF 66.61	0.53	15.39
Hiker Granodiorite	GRANODIOF 67.96	0.52	15.18
Hiker Granodiorite	GRANODIOF 63.21	0.71	15.91
	IGNIMBRITE 73.37	0.19	13.77
Retchford Granite	GRANITE 75.52	0.13	12.61
	IGNIMBRITE 75.24	0.27	12.13
	IGNIMBRITE 74.61	0.25	12.25
	IGNIMBRITE 76.74	0.12	11.43
	IGNIMBRITE 76.96	0.12	11.44
	IGNIMBRITE 75.17	0.21	12.5
Jacks Granite/1	GRANITE 73.41	0.24	13.76
Almaden Granodiorite	GRANODIOF 71.63	0.28	13.94
	IGNIMBRITE 78.03	0.21	12.52
Jacks Granite/1	GRANITE 76.42	0.11	12.69
	IGNIMBRITE 75.54	0.19	11.79
	IGNIMBRITE 72.1	0.39	12.94
	IGNIMBRITE 77.25	0.08	12.12
Saint Helena Monzogranite	MONZODIO 68.51	0.59	13.71
	IGNIMBRITE 71.85	0.4	12.95
	IGNIMBRITE 71.6	0.27	13.99
Lags Microgranite	GRANITE 74.14	0.18	12.26
	IGNIMBRITE 71.64	0.28	14.36
	IGNIMBRITE 60.64	0.63	16.18
	IGNIMBRITE 68.05	0.54	15.04
Borneo Granite/1	GRANODIOF 68.29	0.39	15.15
	IGNIMBRITE 71.34	0.35	14.9
	IGNIMBRITE 75	0.03	13.88
Borneo Granite/1	GRANITE 72.44	0.18	13.97
	IGNIMBRITE 70.48	0.32	14.57
	IGNIMBRITE 74.52	0.21	13.23
	IGNIMBRITE 75.79	0.11	12.26
	IGNIMBRITE 80.28	0.04	11
	IGNIMBRITE 77.17	0.07	11.83
	IGNIMBRITE 77.55	0.08	11.71

	IGNIMBRITE 76.08	0.14	12.71
	IGNIMBRITE 63.43	0.61	15.62
Saint Helena Monzogranite	MONZOGRA 70.35	0.5	13.34
	IGNIMBRITE 69.73	0.3	14.53
	IGNIMBRITE 72.76	0.3	14.14
	IGNIMBRITE 75.24	0.18	13.85
	IGNIMBRITE 76.5	0.09	12.54
	IGNIMBRITE 75.07	0.25	12.2
Saint Helena Monzogranite	MONZOGRA 68.27	0.6	13.63
	IGNIMBRITE 70.21	0.51	13.38
Saint Helena Monzogranite	MONZOGRA 69.65	0.55	13.56
	IGNIMBRITE 69.7	0.53	13.56
	IGNIMBRITE 77.94	0.13	11.43
Almaden Granodiorite	MONZOGRA 72.06	0.24	14.06
Saint Helena Monzogranite	MONZOGRA 71.29	0.29	14.72
	IGNIMBRITE 75.4	0.19	11.77
	IGNIMBRITE 81.21	0.04	11.06
	RHYOLITE 77.61	0.13	12.18
	IGNIMBRITE 72.94	0.35	12.85
	IGNIMBRITE 73.9	0.34	12.52
Cottell Rhyolite	DACITE 70.41	0.59	12.49
	IGNIMBRITE 72.27	0.28	14.42
	IGNIMBRITE 70.98	0.33	14.57
	IGNIMBRITE 71.26	0.34	14.6
Hopscotch Rhyolite	IGNIMBRITE 70.23	0.36	14.44
	IGNIMBRITE 61.17	0.58	15.82
Hopscotch Rhyolite	IGNIMBRITE 71.84	0.36	14.2
	IGNIMBRITE 60.59	0.59	16.32
	IGNIMBRITE 69.33	0.33	15.01
	IGNIMBRITE 60.33	0.59	16.14
	IGNIMBRITE 74.62	0.29	12.41
Retchford Granite	GRANITE 76.42	0.09	12.6
	IGNIMBRITE 74.67	0.26	12.18
Worcester Granodiorite	GRANODIOF 69.98	0.34	15.01
James Creek Granite	GRANITE 77.29	0.05	12.18
James Creek Granite	SYENOGRA 76.47	0.07	12.39
Bullburrah Granite	GABBRO AL 54.45	0.61	16.06
James Creek Granite	GRANITE 74.27	0.14	12.8
James Creek Granite	GRANITE 76.11	0.11	12.55
James Creek Granite	GRANITE 66.31	0.51	15.75
James Creek Granite	GRANITE 76.6	0.07	12.23
James Creek Granite	GREISEN 78.02	0.04	11.73
	IGNIMBRITE 73.58	0.21	13.6
James Creek Granite	GRANITE 76.61	0.07	12.5
James Creek Granite	GRANITE AL 76.33	0.07	12.1
James Creek Granite	GRANITE 75.57	0.07	12.83
Borneo Granite/1	GRANODIOF 68.21	0.39	15.19
Borneo Granite/1	GRANODIOF 69.78	0.31	14.46
James Creek Granite	GRANITE 77.28	0.07	11.92
Borneo Granite/1	MONZOGRA 72.95	0.28	13.97
Borneo Granite/1	GRANODIOF 69.46	0.38	14.99
Borneo Granite/1	GRANODIOF 67.08	0.46	15.97
Borneo Granite/1	GRANODIOF 70.35	0.31	14.63
Borneo Granite/1	GRANODIOF 68.09	0.44	15.64
Borneo Granite/1	GRANODIOF 70.24	0.3	14.77
Borneo Granite/1	GRANODIOF 69.88	0.37	15.24

Borneo Granite/1	GRANITE	74.1	0.18	13.45
Jacks Granite/1	GRANITE	76.74	0.05	12.35
Jacks Granite/1	GRANITE	73.24	0.18	13.06
Jacks Granite/1	GRANITE	75.31	0.18	13.07
Almaden Granodiorite	GRANODIOF	70.19	0.34	14.24
Jacks Granite/1	GRANITE	75.78	0.1	12.65
Jacks Granite/1	GRANITE	77.78	0.06	12.08
Convict Granite	GRANITE	76.52	0.06	12.37
Convict Granite	APLITE	75.14	0.03	12.88
Jacks Granite/1	GRANITE	73.75	0.18	13.26
Almaden Granodiorite	GRANODIOF	69.19	0.36	14.13
Borneo Granite/1	MONZOGRA	70.63	0.28	14.18
James Creek Granite	APLITE	75.5	0.04	12.11
James Creek Granite	GRANITE	75.27	0.07	12.21
	MONZOGRA	72.64	0.31	13.3
Petford Granite	GRANITE AL	75.38	0.09	12.88
Retire Monzodiorite/2	MONZODIO	56.6	0.73	16.59
	GRANITE	73.7	0.2	13.15
Bamford Granite	GRANITE AL	76.04	0.05	11.94
Bamford Granite	GRANITE AL	76.86	0.05	11.97
Bamford Granite	GRANITE AL	76.19	0.05	12.09
Retire Monzodiorite/2	MONZODIO	58.05	0.66	16.28
	ANDESITE	56.02	1.82	12.69
Bamford Granite	GRANITE	76.91	0.07	12.45
Bamford Granite	GRANITE AL	76.91	0.05	12.42
Bamford Granite	GRANITE	75.97	0.06	12.35
Retire Monzodiorite/2	TONALITE	56.41	0.76	17.24
Bamford Granite	GRANITE AL	76.71	0.07	12.38
	GRANITE	73.91	0.18	13.19
Retire Monzodiorite/2	MONZODIO	62.4	0.62	15.72
	MONZOGRA	72.38	0.27	13.5
Burke Granite	MONZOGRA	73.63	0.18	13.39
Halpin Granite	GRANITE	75.76	0.12	12.46
	IGNIMBRITE	74.21	0.22	13.16
Halpin Granite	GRANITE	72.01	0.28	13.64
	IGNIMBRITE	74.05	0.26	13.42
	IGNIMBRITE	71.87	0.31	13.94
	IGNIMBRITE	72.85	0.26	14
	IGNIMBRITE	75.16	0.27	12.47
Bock Granodiorite	GRANODIOF	69.09	0.46	14.47
	GRANITE	73.14	0.26	13.52
Bock Granodiorite	GRANODIOF	70.66	0.33	13.88
Halpin Granite	GRANITE	72.28	0.28	13.86
	IGNIMBRITE	70.47	0.39	14.08
Halpin Granite	GRANITE	75.64	0.12	12.65
	IGNIMBRITE	71.11	0.31	14.09
Gibbs Granite	GRANITE	71.65	0.3	13.39
	IGNIMBRITE	60.28	0.65	16.79
	IGNIMBRITE	73.98	0.18	13.15
	IGNIMBRITE	67.75	0.53	15
	IGNIMBRITE	69.55	0.52	14.79
	IGNIMBRITE	66.32	0.61	15.39
Bakerville Granodiorite	GRANODIOF	64.89	0.56	16.21
Bakerville Granodiorite	GRANODIOF	66.58	0.48	15.95
	GRANITE	76.42	0.08	12.22
	GRANITE	76.03	0.12	12.6

	GRANITE	75.87	0.12	12.76
	GRANITE	72.74	0.22	13.44
Watsonville Granite	GRANITE	74.37	0.2	13.31
Watsonville Granite	GRANITE	73.43	0.22	13.55
Watsonville Granite	GRANITE	75.82	0.14	12.56
Watsonville Granite	GRANITE	74.22	0.22	13.1
Atlanta Granite	GRANITE	72.98	0.3	13.4
Atlanta Granite	GRANITE	75.33	0.18	12.57
	FELSITE	74.15	0.07	14.01
	DIORITE	52.63	0.72	16.12
	IGNIMBRITE	73.98	0.17	11.91
	IGNIMBRITE	76.98	0.11	11.98
	IGNIMBRITE	97.33	0.06	1.35
	IGNIMBRITE	74.43	0.22	12.13
	IGNIMBRITE	70.79	0.48	13.35
	IGNIMBRITE	75.82	0.19	11.97
	GRANODIOF	69.15	0.7	12.47
	IGNIMBRITE	63.31	1.1	12.41
	IGNIMBRITE	77.9	0.09	12.08
	IGNIMBRITE	73.81	0.27	12.48
	IGNIMBRITE	80.02	0.17	12.35
	IGNIMBRITE	72.77	0.33	12.89
	IGNIMBRITE	73.93	0.23	12.76
	DACITE	65.47	0.67	16.75
	IGNIMBRITE	67.88	0.48	14.67
	IGNIMBRITE	72.92	0.22	13.7
Big Watson Granodiorite	GRANODIOF	68.26	0.44	14.91
	IGNIMBRITE	75.29	0.14	12.23
	IGNIMBRITE	75.1	0.14	12.59
	IGNIMBRITE	75.16	0.22	12.14
	IGNIMBRITE	76.59	0.13	11.87
	IGNIMBRITE	74.04	0.31	12.46
	IGNIMBRITE	71.84	0.43	12.98
	RHYOLITE	73.5	0.34	12.17
	IGNIMBRITE	72.65	0.35	12.82
	IGNIMBRITE	73.82	0.28	12.54
	RHYOLITE	76.26	0.17	12
	IGNIMBRITE	74.57	0.28	12.18
	IGNIMBRITE	76.99	0.12	11.69
	IGNIMBRITE	71.96	0.36	13.39
	IGNIMBRITE	73.82	0.19	12.16
	IGNIMBRITE	72.1	0.32	13.36
	IGNIMBRITE	68.6	0.49	14.54
	IGNIMBRITE	70.72	0.5	12.71
	IGNIMBRITE	70.6	0.48	13.11
	PORPHYRY	74.92	0.16	12.34
	DACITE	69.25	0.71	12.39
	IGNIMBRITE	73.66	0.32	12.56
	IGNIMBRITE	75.8	0.14	12.21
	IGNIMBRITE	76.53	0.13	11.95
	IGNIMBRITE	74.56	0.23	12.57
Bustlem Granite	GRANITE	70.47	0.46	13.35
	IGNIMBRITE	73.34	0.29	12.98
	IGNIMBRITE	77.14	0.13	11.5
	IGNIMBRITE	76.55	0.14	12.02
	IGNIMBRITE	73.11	0.33	12.67

Lags Supersuite	GRANITE	72.79	0.29	13.82
Lightning Creek Rhyolite	IGNIMBRITE	74.02	0.13	11.96
	IGNIMBRITE	76.84	0.11	11.82
	IGNIMBRITE	74.66	0.2	12.37
	RHYOLITE A	79.96	0.23	11.33
	IGNIMBRITE	68.75	0.6	13.99
	IGNIMBRITE	70.26	0.43	13.15
	IGNIMBRITE	68.75	0.64	13.97
	IGNIMBRITE	70.71	0.46	13.71
	IGNIMBRITE	74.03	0.25	11.94
	IGNIMBRITE	74.09	0.25	12.23
	IGNIMBRITE	68.36	0.63	14.04
	IGNIMBRITE	73.35	0.29	12.58
	IGNIMBRITE	72.67	0.15	11.65
	IGNIMBRITE	68.57	0.48	14.55
	IGNIMBRITE	68.27	0.46	15.13
	IGNIMBRITE	73	0.3	12.89
	IGNIMBRITE	75.65	0.14	12.54
Wollenden Rhyolite	IGNIMBRITE	71.93	0.19	12.62
	IGNIMBRITE	72.27	0.22	12.69
	GRANODIOL	69.92	0.53	13.21
	IGNIMBRITE	72.24	0.33	13.47
	IGNIMBRITE	67.76	0.51	15.13
	IGNIMBRITE	71.77	0.35	12.52
	IGNIMBRITE	76.19	0.15	12.09
	IGNIMBRITE	73.28	0.35	12.87
	IGNIMBRITE	76.08	0.4	12.62
	IGNIMBRITE	69.28	0.55	11.74
	IGNIMBRITE	75.97	0.11	11.59
	IGNIMBRITE	69.87	0.49	11.79
	IGNIMBRITE	74.86	0.23	12.22
	IGNIMBRITE	73.13	0.16	12.03
	IGNIMBRITE	76.21	0.14	12.02
	IGNIMBRITE	73.09	0.32	12.95
	IGNIMBRITE	75.57	0.2	12.12
	IGNIMBRITE	72.75	0.36	12.84
	IGNIMBRITE	75.68	0.2	11.87
	IGNIMBRITE	75.64	0.17	12.19
	IGNIMBRITE	68.98	0.62	13.85
	IGNIMBRITE	68.53	0.67	13.93
	IGNIMBRITE	72.08	0.34	13.99
Gurrumba Ring Complex-Cgo	GABBRO	46.84	0.24	21.56
Ingham Granite Complex	GRANITE	76.6	0.05	12.38
Wallaman Falls Volcanics?	RHYOLITE	76.47	0.1	12.4
Wallaman Falls Volcanics	RHYOLITE	76.97	0.12	12.42
Wallaman Falls Volcanics	RHYOLITE	77.58	0.09	11.64
Wallaman Falls Volcanics	RHYOLITE	76.8	0.08	12.54
Wallaman Falls Volcanics?	RHYOLITE	77.2	0.1	11.86
	RHYOLITE	73.46	0.25	12.98
	RHYOLITE	76.95	0.14	11.63
Ingham Granite Complex		75	0.2	13.2
Ingham Granite Complex		74.6	0.2	13.3
Galloway Volcanics	RHYOLITE	77.3	0.14	8.1
Mount Pike Granite	GRANITE	72.13	0.32	13.74
Watsonville Granite	MONZOGRA	76.2	0.18	12.16
Watsonville Granite	GRANITE	76.1	0.17	12.22

Watsonville Granite	MONZOGRA 74.1	0.22	13.26
Watsonville Granite	APLITE 74.7	0.18	13.45
Watsonville Granite	MONZOGRA 72.8	0.32	13.79
Bakerville Granodiorite	GRANODIOF 66.7	0.47	15.53
Bakerville Granodiorite	GRANODIOF 67.3	0.47	15.35
Bakerville Granodiorite	GRANODIOF 66.2	0.6	16.18
Bakerville Granodiorite	GRANITE 74.9	0.03	13.48
Bakerville Granodiorite	GRANODIOF 67.1	0.49	15.27
Hales Siding Granite	MONZOGRA 72.5	0.24	13.84
Hales Siding Granite	MONZOGRA 76.3	0.13	12.54
Hales Siding Granite	APLITE 77.5	0.04	12.17
Hales Siding Granite	MONZOGRA 73.9	0.2	13.37
Hales Siding Granite	GRANITE 76	0.11	12.58
Hales Siding Granite	GRANITE 76.3	0.12	12.72
Hammonds Creek Granodiorite	GRANODIOF 70.9	0.31	14.77
Glen Gordon Volcanics	DACITE 62.8	0.5	16.41
Glen Gordon Volcanics	RHYODACIT 72	0.23	13.64
Glen Gordon Volcanics	DACITE 60.7	1.46	15.36
Glen Gordon Volcanics	RHYODACIT 69	0.47	14.2
Glen Gordon Volcanics	RHYOLITE 80.2	0.09	9.83
Kalunga Granodiorite	MONZOGRA 71.4	0.26	14.32
Kalunga Granodiorite	MONZOGRA 71.2	0.49	13.96
Kalunga Granodiorite	GRANODIOF 71.1	0.29	14.37
Elizabeth Creek Granite	GRANITE 76.7	0.12	12.34
Elizabeth Creek Granite	GRANITE 76.1	0.05	12.41
Elizabeth Creek Granite	GRANITE LE 77.1	0.1	11.55
Bluewater Rhyolite	TUFF 70.7	0.33	14.59
Bluewater Rhyolite	TUFF 72.7	0.27	13.87
Orient Rhyolite	TUFF 74.5	0.18	13.26
Bluewater Rhyolite	TUFF 73.1	0.28	13.62
Bluewater Rhyolite	RHYODACIT 69.5	0.37	14.45
Orient Rhyolite	RHYODACIT 70.5	0.36	14.61
Elizabeth Creek Granite	APLITE 77.3	0.04	12.56
Orient Rhyolite	TUFF 71.9	0.23	14.2
Orient Rhyolite	TUFF 71.8	0.28	13.26
Elizabeth Creek Granite	GRANITE 75.1	0.09	13.01
Elizabeth Creek Granite	APLITE 77	0.01	12.84
Atlanta Granite	GRANITE 73.9	0.16	13.7
Walsh Bluff Volcanics	RHYODACIT 74.4	0.15	13.29
Walsh Bluff Volcanics	RHYODACIT 75.1	0.12	13.02
Walsh Bluff Volcanics	TUFF 76	0.07	12.92
Walsh Bluff Volcanics	RHYODACIT 75.8	0.07	12.9
Walsh Bluff Volcanics	RHYODACIT 74.3	0.14	13.18
Elizabeth Creek Granite	GRANITE 75.4	0.17	12.35
Slaughter Yard Creek Volcanics	RHYOLITE 76.9	0.1	12.4
Slaughter Yard Creek Volcanics	RHYOLITE 76.5	0.09	12.18
Slaughter Yard Creek Volcanics	RHYODACIT 71.8	0.23	13.55
Slaughter Yard Creek Volcanics	RHYODACIT 71.8	0.19	13.54
Slaughter Yard Creek Volcanics	RHYODACIT 71.7	0.22	13.59
Slaughter Yard Creek Volcanics	RHYOLITE 75.2	0.02	13.37
Kalunga Granodiorite	GRANODIOF 69.7	0.37	14.67
Kalunga Granodiorite	MONZOGRA 74.2	0.19	13.34
Kalunga Granodiorite	MONZOGRA 67.9	0.5	14.5
Kalunga Granodiorite	MONZOGRA 72.1	0.4	13.9
Kalunga Granodiorite	APLITE 76.1	0.12	12.91
Slaughter Yard Creek Volcanics	RHYOLITE 76.7	0.11	12.55

Slaughter Yard Creek Volcanics	RHYODACIT 68.7	0.61	13.73
Elizabeth Creek Granite	GRANITE 77.2	0.12	11.62
Elizabeth Creek Granite	APLITE 76.2	0.04	12.36
Gurrumba Ring Complex-Cgd	GABBRO 44.7	0.33	26.06
Gurrumba Volcanics	RHYODACIT 70.7	0.36	14.14
Nanyeta Volcanics	TUFF 73.9	0.18	13.49
Nanyeta Volcanics	ANDESITE 54.7	1.05	19.17
Nanyeta Volcanics	RHYODACIT 66.7	0.66	14.03
Elizabeth Creek Granite	GRANITE 76.4	0.16	11.87
Elizabeth Creek Granite	GRANITE 76.8	0.11	12.15
Elizabeth Creek Granite	GREISEN 76.8	0.1	12.34
Elizabeth Creek Granite	APLITE 76.4	0.04	12.8
Elizabeth Creek Granite	GRANITE 76.8	0.13	12.05
Elizabeth Creek Granite	MICROGRAI 76.8	0.03	12.25
Elizabeth Creek Granite	GRANITE 74.4	0.24	13.07
Elizabeth Creek Granite	GRANITE 74.3	0.26	13.13
Elizabeth Creek Granite	GRANITE 76.1	0.1	12.63
Glen Gordon Volcanics	RHYODACIT 76.8	0.09	11.96
Elizabeth Creek Granite	GRANITE 75	0.23	12.86
Glen Gordon Volcanics	TUFF 73.9	0.14	12.78
Glen Gordon Volcanics	BRECCIA 65	0.77	13.99
Glen Gordon Volcanics	ANDESITE 56.5	1.25	17.1
Glen Gordon Volcanics	RHYOLITE 78	0.07	11.74
Glen Gordon Volcanics	RHYODACIT 75	0.13	12.49
Glen Gordon Volcanics	RHYOLITE 75.5	0.13	12.64
Glen Gordon Volcanics	RHYODACIT 76.4	0.08	12.32
Orient Rhyolite	RHYODACIT 74.3	0.22	12.91
Bluewater Rhyolite	RHYODACIT 73.8	0.22	12.97
Glen Gordon Volcanics	TUFF 77	0.06	12.18
Glen Gordon Volcanics	TUFF 76.9	0.06	12.34
Glen Gordon Volcanics	TUFF 77.3	0.06	12.14
Glen Gordon Volcanics	TUFF 76.9	0.06	12.23
Glen Gordon Volcanics	TUFF 77.6	0.06	11.9
Elizabeth Creek Granite	GREISEN 76.9	0.1	12.05
Elizabeth Creek Granite	MONZOGRA 78.2	0.09	11.5
Elizabeth Creek Granite	GRANITE 75.5	0.12	12.51
Elizabeth Creek Granite	GRANITE 72.3	0.29	13.12
Bluewater Rhyolite	TUFF 71.6	0.35	14.25
Bluewater Rhyolite	TUFF 72.1	0.32	14.46
Bluewater Rhyolite	RHYODACIT 68	0.43	15.97
Bluewater Rhyolite	RHYODACIT 71	0.27	14.28
Bluewater Rhyolite	TUFF 73.8	0.22	13.59
	MICROGRAI 67.1	0.65	13.75
	MICROGRAI 73.5	0.17	12.93
	MICROGRAI 67.2	0.68	13.42
Jumna Granite	MONZOGRA 76.2	0.16	12.4
Almaden granodiorite	GRANODIOF 66.9	0.48	15.26
Almaden granodiorite	XENOLITH (I 56.6	0.82	16.55
	ANDESITE A 57.18	1.65	13.05
	IGNIMBRITE 73.81	0.27	13.01
Lags Microgranite	GRANITE 71.98	0.34	13.76
Lags Supersuite	GRANITE 72.7	0.34	13.81
	IGNIMBRITE 66.15	0.55	14.76
James Creek Granite	GRANITE AL 77.06	0.03	12.32
Retire Monzodiorite/2	MONZODIO 59.57	0.65	16.53
	IGNIMBRITE 73.11	0.28	13.57

	IGNIMBRITE 73.35	0.26	13.17
	IGNIMBRITE 73.65	0.26	13.44
	FELSITE 74.23	0.06	14.03
	IGNIMBRITE 70.98	0.33	11.83
	DACITE 74.1	0.3	12.15
Normanby Formation	ARENITE 77.6	0.42	10.4
	IGNIMBRITE 73.3	0.31	13.36
	GRANITE 73	0.28	13.24
	GRANITE 73.4	0.28	13.56
James Creek Granite	GRANITE 75.2	0.12	12.83
	GRANITE 72.7	0.24	13.19
Retire Monzodiorite/2	QUARTZ DIC 59.8	0.68	16.46
Almaden Granodiorite	MONZODIO 54.4	0.74	16.54
Almaden Granodiorite	MONZODIO 55.7	0.59	16.2
Whypalla Granite	GRANITE 74.75	0.14	13.11
Whypalla Granite	GRANITE 75.5	0.16	13.4
Mount Alto Granite	GRANITE 73.87	0.03	15.06
Mount Alto Granite	GRANITE 75.36	0.04	14.57
Mount Alto Granite	MICROGRAI 75.33	0.05	14.67
Mount Alto Granite	GRANITE 75.81	0.03	13.75
Mount Alto Granite	GRANITE 74.98	0.04	14.49
Mount Alto Granite	GRANITE 75.02	0.04	14.15
Northedge Granite	GRANITE 73.96	0.15	13.98
Northedge Granite	GRANITE 73.48	0.16	13.93
Mount Carbine Granite	GRANITE 74.4	0.14	13.57
Mareeba Granite	MICROGRAI 61.68	0.82	16.32
Mareeba Granite	MICROGRAI 61.68	0.82	16.32
Northedge Granite	GRANITE 74.58	0.14	13.6
Desailly Granite	GRANITE 71.5	0.36	13.97
McLeod Granite	GRANITE 73.83	0.21	13.51
McLeod Granite	GRANITE 72.42	0.3	13.83
Mareeba Granite	MICROGRAI 72.75	0.17	14.46
Cannibal Creek Granite	GRANITE 73.41	0.14	14.66
Cannibal Creek Granite	GRANITE 73.22	0.16	14.52
Collingwood Granite	MICROGRAI 74.03	0.13	13.72
Collingwood Granite	GRANITE 75.7	0.2	12.47
Finlayson Granite	MICROGRAI 73.6	0.37	13.1
Finlayson Granite	GRANITE 75.41	0.2	12.66
Mount Pike Granite	GRANITE 72.86	0.3	13.34
Mount Pike Granite	GRANITE 71.2	0.33	14.27
Mount Pike Granite	GRANITE 71.06	0.36	13.67
Mount Pike Granite	GRANITE 72.13	0.33	13.97
Mount Pike Granite	GRANITE 71.4	0.34	14.07
Finlayson Granite	GRANITE 74.18	0.2	12.85
Finlayson Granite	MICROGRAI 74.83	0.04	13.91
Kelly St George Granite	GRANITE 75.36	0.07	13.3
Kelly St George Granite	MICROGRAI 75.5	0.04	13.6
Kelly St George Granite	MICROGRAI 75.5	0.04	13.45
Kelly St George Granite	GRANITE 73.89	0.13	13.57
Koobaba Granite	GRANITE 71.4	0.34	14.3
Koobaba Granite	GRANITE 72.17	0.32	13.56
Altanmoui Granite	MICROGRAI 76.6	0.1	12.7
Bellenden Ker Granite	MICROGRAI 76.6	0.04	13.1
Bellenden Ker Granite	GRANITE 71.7	0.46	13.8
Bellenden Ker Granite	GRANITE 72.1	0.4	13.7
Ruddygore Granodiorite	GRANODIOF 66.26	0.46	14.86

Mareeba Granite	GRANITE	73.7	0.26	13.3
Finlayson Granite	GRANITE	75.6	0.14	13
Charlotte Granite	GRANITE	75	0.18	13.3
Altanmoui Granite	MICROGRAI	68.1	0.5	14.82
Altanmoui Granite	MICROGRAI	70.5	0.5	13.9
Altanmoui Granite	MICROGRAI	75.7	0.14	12.8
Mount Finnigan Granite	GRANITE	76.8	0.08	12.4
Mount Finnigan Granite	GRANITE	76.32	0.09	12.68
Mount Finnigan Granite	GRANITE	76.2	0.12	12.6
Mount Finnigan Granite	GRANITE	76.17	0.12	12.69
Finlayson Granite	MICROGRAI	75.4	0.06	13.6
Altanmoui Granite	GRANITE	74	0.26	13.22
Altanmoui Granite	MICROGRAI	75.83	0.12	12.99
Altanmoui Granite	GRANITE	73.5	0.26	13.6
Altanmoui Granite	GRANITE	73.42	0.27	13.62
Altanmoui Granite	GRANITE	73.6	0.26	13.5
Altanmoui Granite	GRANITE	73.33	0.26	13.66
Altanmoui Granite	GRANITE	74.88	0.2	12.9
Finlayson Granite	MICROGRAI	76	0.08	13.1
Finlayson Granite	MICROGRAI	75.2	0.08	13.7
Finlayson Granite	MICROGRAI	75.1	0.04	13.9
	MICROGRAI	75.7	0.06	13.6
Finlayson Granite	GRANITE	76.3	0.06	13.1
Mount Carbine Granite	GRANITE	76	0.04	13.5
	MICROGRAI	73.9	0.32	12.9
	MICROGRAI	74.6	0.34	12.7
	MICROGRAI	74	0.34	12.9
Trevethan Granite	DOLERITE	58.4	0.82	14.2
Phoenician Granite	GRANITE ?	75.2	0.12	13.5
Bellenden Ker Granite	GRANITE	73.2	0.34	13
Bellenden Ker Granite	GRANITE	72.9	0.34	13.6
	GRANITE	73	0.22	14
	GRANITE	74.5	0.25	13.3
Bellenden Ker Granite	GRANITE	70.2	0.43	14.7
Walshs Pyramid Granite	GRANITE	76.4	0.18	12
Walshs Pyramid Granite	GRANITE	76.7	0.2	11.9
Bellenden Ker Granite	GRANITE	74.1	0.36	12.7
	GRANITE	76.2	0.09	13.3
Bellenden Ker Granite	GRANITE	74.2	0.31	13
Bellenden Ker Granite	GRANITE	75.4	0.28	12.6
Glen Gordon Volcanics	RHYOLITE	76.2	0.16	12.5
Tully Granite Complex	GRANITE	71.9	0.22	14.9
Mount Carbine Granite	MICROGRAI	73.58	0.15	13.52
Mount Carbine Granite	GRANITE	72.45	0.26	14.03
Mount Carbine Granite	GRANITE	74.16	0.18	13.2
Mount Carbine Granite	GRANITE	74.13	0.14	14.28
Whypalla Granite	GRANITE	71.4	0.42	13.85
Desailly Granite	GRANITE	73.92	0.23	13.77
Cooktown Granite	GRANITE	74.18	0.19	13.56
Cooktown Granite	GRANITE	74.32	0.18	13.45
China Camp Microgranite	MICROGRAI	76.43	0.07	12.77
China Camp Microgranite	MICROGRAI	75.51	0.05	13.28
Roaring Meg Granite	GRANITE	75.44	0.14	12.42
Roaring Meg Granite	GRANITE	76.47	0.14	12.63
Mareeba Granite	GRANITE	73.24	0.24	13.63
Mareeba Granite	GRANITE	73.57	0.15	13.76

Emerald Creek Microgranite	MICROGRAI	73.01	0.16	14.46
Tinaroo Granite	GRANITE	74.7	0.08	13.21
Emerald Creek Microgranite	MICROGRAI	72.1	0.24	14.6
Tinaroo Granite	GRANITE	75.48	0.07	13.4
Mount Formartine Granite	GRANITE	68.07	0.82	14.01
Mount Formartine Granite	GRANITE	68.07	0.82	14.01
Mount Carbine Granite	GRANITE	72.22	0.16	14.63
	MICROGRAI	70.1	0.35	15.1
Charlotte Granite	GRANITE	73.67	0.3	13.26
Cooktown Granite	GRANITE	74.06	0.18	13.58
Charlotte Granite	GRANITE	75.9	0.08	12.8
Finlayson Granite	GRANITE	76.07	0.11	12.41
Finlayson Granite	GRANITE	76.36	0.09	12.6
Finlayson Granite	GRANITE	76.02	0.09	12.78
Finlayson Granite	GRANITE	74.83	0.12	12.67
	MICROGRAI	74.9	0.21	12.3
Waterfall Granite	GRANITE	73.86	0.31	13.02
Waterfall Granite	GRANITE	73.16	0.3	13.06
Waterfall Granite	GRANITE	73.16	0.3	13.06
Waterfall Granite	GRANITE ?	69.9	0.62	13.47
Charlotte Granite	GRANITE	73.66	0.29	13.14
Finch Bay Granite	GRANITE	73.5	0.33	13.47
Charlotte Granite	GRANITE	73.64	0.26	13.4
Charlotte Granite	GRANITE	73.35	0.27	13.36
Finch Bay Granite	GRANITE	72.62	0.32	13.21
Waterfall Granite	GRANITE	73.06	0.39	13.26
	MICROGRAI	75.9	0.21	12.4
Finlayson Granite	GRANITE	74.92	0.25	12.32
Mount Leswell Microgranite	MICROGRAI	73.28	0.33	13
Mount Leswell Microgranite	MICROGRAI	73.15	0.33	13.15
Finlayson Granite	MICROGRAI	75.93	0.06	13.1
Finlayson Granite	MICROGRAI	70.21	0.58	14.38
Finlayson Granite	GRANITE	70.1	0.58	14.4
Finlayson Granite	GRANITE	70	0.59	14.3
Collingwood Granite	GRANITE	74.8	0.28	12.57
Mount Leswell Microgranite	MICROGRAI	73.19	0.34	13.39
Mount Poverty Granite	GRANITE	75.65	0.06	13.03
Mount Poverty Granite	GRANITE	75.65	0.06	13.03
Mount Poverty Granite	GRANITE	75.93	0.11	12.52
Mount Poverty Granite	GRANITE	76.16	0.1	12.68
Belgravia Granodiorite	GRANODIOF	66.2	0.48	15.2
	MICROGRAI	75.6	0.22	12.5
Bullhead Granite	GRANITE	75	0.04	14.45
Bullhead Granite	GRANITE	74.93	0.03	14.28
Mount Hartley Granite	GRANITE	74.14	0.33	12.48
Mount Hartley Granite	GRANITE	73.37	0.38	13.21
Mount Hartley Granite	GRANITE	74.8	0.36	12.56
Collingwood Granite	GRANITE	75.6	0.26	12.6
Whypalla Granite	GRANITE	74.92	0.22	12.99
Whypalla Granite	GRANITE	74.76	0.12	13.15
Curraghmore Granite	GRANITE	73.41	0.16	13.28
Curraghmore Granite	GRANITE	73.82	0.21	13.33
Lang Creek Granite	GRANITE	75.24	0.06	13.57
Whypalla Granite	GRANITE	72.68	0.1	14.04
Lang Creek Granite	GRANITE	74.19	0.06	13.26
Whypalla Granite	GRANITE	73.23	0.26	13.6

Whypalla Granite	GRANITE	74.16	0.1	13.31
Lang Creek Granite	GRANITE	75.12	0.06	13.26
Whypalla Granite	GRANITE	76.43	0.06	12.78
McLeod Granite	GRANODIOF	69.81	0.51	14.41
McLeod Granite	GRANITE	71.2	0.44	14.5
Mount Formartine Granite	GRANITE	70.21	0.59	13.74
Mount Formartine Granite	GRANITE	70.21	0.59	13.74
Wangetti Granite	GRANITE	72.86	0.3	14.04
Finlayson Granite	GRANITE	75.67	0.06	12.85
Finlayson Granite	MICROGRAI	75.96	0.06	13.26
Wangetti Granite	GRANITE	74.08	0.06	14.31
Wangetti Granite	GRANITE	74.46	0.03	14.11
Mareeba Granite	GRANITE	74.15	0.22	12.87
Tinaroo Granite	GRANITE	73.81	0.11	13.93
Bakerville Granodiorite	GRANODIOF	64.75	0.57	16.05
Bakerville Granodiorite	GRANODIOF	66.5	0.49	15.76
Hales Siding Granite	GRANITE	77.01	0.08	12.3
Hales Siding Granite	GRANITE	76.09	0.12	12.59
Hales Siding Granite	GRANITE	75.98	0.13	12.65
Hales Siding Granite	GRANITE	72.87	0.21	13.27
Watsonville Granite	GRANITE	74.15	0.22	13.23
Watsonville Granite	GRANITE	73.56	0.24	13.51
Watsonville Granite	GRANITE	75.73	0.15	12.6
Watsonville Granite	GRANITE	74.04	0.23	13.18
Atlanta Granite	GRANITE	72.95	0.35	13.48
Atlanta Granite	GRANITE	75.31	0.19	12.61
	GRANODIOF	70.72	0.32	14.41
Big Watson Granodiorite	GRANODIOF	68.01	0.45	14.75
Pandora Granite	GRANITE	76.06	0.08	12.35
Big Watson Granodiorite	GRANODIOF	69.22	0.44	14.74
Wotan Granodiorite	GRANODIOF	68.54	0.37	14.77
	DIORITE	64.68	0.57	15.72
Wotan Granodiorite	GRANODIOF	70.86	0.32	14.34
Prices Dam Igneous Complex	GRANODIOF	65.06	0.55	15.32
Prices Dam Igneous Complex	GRANODIOF	64.01	0.55	15.04
Prices Dam Igneous Complex	GRANODIOF	69.57	0.45	15.36
Subkin Granodiorite	GRANODIOF	67.71	0.43	14.9
	GRANITE	74.08	0.16	13.18
	GRANODIOF	70.1	0.32	14.27
	MICROGRAI	76.61	0.1	12.46
	GRANITE	74.19	0.16	13.46
	GRANODIOF	69.9	0.36	14.52
	GRANODIOF	69.71	0.37	14.6
	GRANODIOF	67.47	0.41	14.95
	GRANODIOF	70.16	0.34	14.68
	MICROGRAI	75.66	0.13	12.7
Normanby Formation	ARENITE	76.6	0.66	10.5
Normanby Formation	ARENITE	80.4	0.28	12
Normanby Formation	ARENITE	77.3	0.06	13.2
Roaring Meg Granite	GRANITE	76.47	0.14	12.63
China Camp Microgranite	MICROGRAI	76.43	0.07	12.77
Mount Formartine Granite	GRANITE	68.07	0.82	14.01
Nangee Granite	GRANITE	73.9	0.04	14.38
Kelly St George Granite	GRANITE	73.75	0.13	13.97
Talgijah Granite	GRANODIOF	68.92	0.5	15.06
Talgijah Granite	GRANODIOF	66.17	0.59	15.01

Finch Bay Granite	ADAMELLITI	73.5	0.33	13.47
Charlotte Granite	GRANITE	73.64	0.26	13.4
	MICROGRAI	75.89	0.2	12.39
	DOLERITE	48.98	2.38	14.63
Collingwood Granite	GRANITE	74.92	0.25	12.32
Mount Leswell Microgranite	MICROGRAI	73.28	0.33	13
	GRANITE	70.21	0.58	14.38
Collingwood Granite	GRANITE	74.8	0.28	12.57
Mount Leswell Microgranite	MICROGRAI	73.19	0.34	13.39
Mount Poverty Granite	GRANITE	76.16	0.1	12.68
Mount Yates Granodiorite	GRANODIOF	67.71	0.53	15.11
	DOLERITE	51.71	0.99	14.66
	DOLERITE	47.65	0.72	13.58
	DIORITE	57.8	1.05	16.39
Bullhead Granite	GRANITE	75	0.04	14.45
Waterfall Granite	GRANITE	73.06	0.39	13.26
Cooktown Granite	GRANITE	74.06	0.18	13.58
Trevethan Granite	GRANITE	67.72	0.49	15.4
Finch Bay Granite	GRANITE	72.62	0.32	13.21
	MICROGRAI	75.93	0.06	13.1
	GRANITE	69.78	0.32	14.85
Trevethan Granite	GRANITE	63.71	0.78	15.26
Finlayson Granite	GRANITE	75.67	0.06	12.85
	GRANITE	73.81	0.11	13.93
	GRANITE	73.82	0.21	13.33
Lang Creek Granite	GRANITE	75.24	0.06	13.57
Mount Alto Granite	GRANITE	73.87	0.03	15.06
Mount Alto Granite	GRANITE	75.36	0.04	14.57
Mount Alto Granite	GRANITE	74.98	0.04	14.49
Northedge Granite	GRANITE	73.96	0.15	13.98
Northedge Granite	GRANITE	73.48	0.16	13.93
Mount Alto Granite	GRANITE	75.81	0.03	13.75
Collingwood Granite	GRANITE	76.36	0.09	12.6
Collingwood Granite	GRANITE	76.02	0.09	12.78
Charlotte Granite	GRANITE	73.66	0.29	13.14
Keating Granodiorite	GRANITE	68.46	0.48	14.91
	MICROGRAI	75.5	0.21	12.42
Mount Hartley Granite	GRANITE	73.37	0.38	13.21
Mount Hartley Granite	GRANITE	74.8	0.36	12.56
Cape Melville Granite	GRANITE	73.3	0.27	13.37
Cape Melville Granite	GRANITE	73.66	0.26	12.9
Wakooka Granite	GRANITE	74.96	0.19	12.3
Mount Poverty Granite	GRANITE	75.65	0.06	13.03
Wangetti Granite	GRANITE	74.46	0.03	14.11
Kelly St George Granite	GRANITE	75.36	0.07	13.3
Kelly St George Granite	MICROGRAI	75.5	0.04	13.45
Koobaba Granite	GRANITE	72.17	0.32	13.56
Cape Melville Granite	GRANITE	74.02	0.23	12.83
Saint Pauls Hill Microgranite	MICROGRAI	69.47	0.57	14.21
Wakooka Granite	GRANITE	75.82	0.1	12.86
Wakooka Granite	GRANITE	74.53	0.24	12.81
Bakers Blue Granite	GRANITE	72	0.12	13.69
Cannibal Creek Granite	GRANITE	73.41	0.14	14.66
	GRANITE	75.7	0.2	12.47
Mount Pike Granite	GRANITE	72.13	0.32	13.74
	MICROGRAI	75.04	0.21	12.41

	GRANITE	74.76	0.12	13.15
Lang Creek Granite	GRANITE	74.19	0.06	13.26
Whypalla Granite	GRANITE	74.16	0.1	13.31
Bakers Blue Granite	GRANITE	73.39	0.11	13.8
McLeod Granite	GRANITE	73.83	0.21	13.51
McLeod Granite	GRANITE	72.42	0.3	13.83
Mount Pike Granite	GRANITE	71.06	0.36	13.67
Mount Pike Granite	GRANITE	72.13	0.33	13.97
Kelly St George Granite	GRANITE	73.89	0.13	13.57
Collingwood Granite	GRANITE	76.07	0.11	12.41
Mount Poverty Granite	GRANITE	75.93	0.11	12.52
Lang Creek Granite	GRANITE	75.12	0.06	13.26
Malbon Thompson Granite	GRANITE	74.15	0.22	12.87
Mount Alto Granite	GRANITE	75.02	0.04	14.15
Northedge Granite	GRANITE	74.58	0.14	13.6
Desailly Granite	GRANITE	71.5	0.36	13.97
	MICROGRA	72.75	0.17	14.46
Cannibal Creek Granite	GRANITE	73.22	0.16	14.52
	GRANITE	75.41	0.2	12.66
Mount Pike Granite	GRANITE	72.86	0.3	13.34
Mount Pike Granite	GRANITE	71.2	0.33	14.27
Mount Pike Granite	GRANITE	71.4	0.34	14.07
Normanby Formation	ARENITE	50.34	0.25	9.4
	GRANITE	70.2	0.32	14.81
Trevethan Granite	GRANITE	66.39	0.6	14.84
Keating Granodiorite	GRANITE	68.6	0.47	14.78
Bullhead Granite	GRANITE	74.93	0.03	14.28
Mount Hartley Granite	GRANITE	74.14	0.33	12.48
Whypalla Granite	GRANITE	73.23	0.26	13.6
Mount Formartine Granite	GRANITE	70.21	0.59	13.74
	MICROGRA	69.15	0.35	14.75
Charlotte Granite	GRANITE	73.67	0.3	13.26
Waterfall Granite	GRANITE	73.86	0.31	13.02
	MICROGRA	74.03	0.13	13.72
	MICROGRA	73.64	0.35	12.87
Desailly Granite	GRANITE	73.92	0.23	13.77
Roaring Meg Granite	GRANITE	75.44	0.14	12.42
Cannibal Creek Granite	GRANITE	72.83	0.16	14.43
Cannibal Creek Granite	GRANITE	73.1	0.23	14.73
	MICROGRA	64.49	0.68	16.38
Waterfall Granite	GRANITE	73.16	0.3	13.06
	GRANITE	74.75	0.14	13.11
Whypalla Granite	GRANITE	74.92	0.22	12.99
	GRANITE	73.41	0.16	13.28
Whypalla Granite	GRANITE	72.68	0.1	14.04
Wangetti Granite	GRANITE	72.86	0.3	14.04
Cooktown Granite	GRANITE	74.18	0.19	13.56
Cooktown Granite	GRANITE	74.32	0.18	13.45
Trevethan Granite	GRANITE	65.24	0.73	14.97
	MICROGRA	73.01	0.16	14.46
Koobaba Granite	GRANITE	73.2	0.19	14.15
Collingwood Granite	GRANITE	74.83	0.12	12.67
Waterfall Granite	UNKNOWN	69.9	0.62	13.47
Charlotte Granite	GRANITE	73.35	0.27	13.36
Mount Leswell Microgranite	MICROGRA	73.15	0.33	13.15
	DOLERITE	50.44	1.23	14.88

	MICROGRA	46.32	0.54	12.76
	DIORITE	58.25	0.96	15.93
	DOLERITE	52.42	0.36	12.65
	DOLERITE	49.63	0.71	13.26
	GRANITE	76.43	0.06	12.78
Finlayson Granite	MICROGRA	75.96	0.06	13.26
Wangetti Granite	GRANITE	74.08	0.06	14.31
Belgravia Granodiorite	GRANODIOF	65.12	0.51	15.2
Gurrumba Ring Complex-Cgy	GABBRO	54.22	0.87	16.13
Mareeba Granite	ADAMELLITI	72.43	0.3	13.63
Bartle-Frere Granite	MICROGRA	76.4	0.04	12.39
Koobaba Granite	GRANITE	73.1	0.24	13.65
Mount Alto Granite	MICROGRA	75.33	0.05	14.67
Finlayson Granite	GRANITE	74.18	0.2	12.85
Finlayson Granite	MICROGRA	74.83	0.04	13.91
Whypalla Granite	GRANITE	71.4	0.42	13.85
China Camp Microgranite	MICROGRA	75.51	0.05	13.28
	GRANITE	73.24	0.24	13.63
	GRANITE	73.57	0.15	13.76
	GRANITE	74.7	0.08	13.21
	MICROGRA	72.1	0.24	14.6
	GRANITE	75.48	0.07	13.4
Elizabeth Creek Granite	GRANITE	76.53	0.11	11.65
Emuford Granite	GRANITE	75.26	0.07	12.71
Emuford Granite	GRANITE	76.86	0.1	11.64
Emuford Granite	GRANITE	76.81	0.07	11.65
Billings Granite	GRANITE	75.6	0.04	12.19
Billings Granite	GRANITE	75.69	0.05	12.14
Petford Granite	GRANITE	74.03	0.19	13.14
Starlight Granite	GRANITE	75.41	0.04	12.23
Emuford Granite	GRANITE	76.79	0.11	11.85
Black Diamond Granite	GRANITE	74.94	0.03	12.62
Emuford Granite	GRANITE	75.34	0.1	11.68
Emuford Granite	GRANITE	76.41	0.11	11.89
Emuford Granite	GRANITE	75.1	0.08	11.71
Emuford Granite	GRANITE	77.05	0.11	11.39
Billings Granite	GRANITE	75.39	0.04	12.06
Cigarette Granite	GRANITE	75.87	0.04	12.27
Billings Granite	GRANITE	75.81	0.03	12.36
Sugar Bag Granite	GRANITE	76.08	0.06	11.9
Billings Granite	GRANITE	77.02	0.08	11.71
Billings Granite	GRANITE	75.86	0.05	11.94
Petford Granite	GRANITE	73.76	0.18	12.84
Emuford Granite	GRANITE	76.64	0.09	11.75
Cigarette Granite	GRANITE	75.93	0.04	12.32
Emuford Granite	GRANITE	76.02	0.1	11.49
Billings Granite	GRANITE	76.13	0.08	12.18
Cigarette Granite	GRANITE	76.26	0.04	12.23
Denford Granite	GRANITE	75.06	0.03	12.36
Billings Granite	GRANITE	75.71	0.06	12.2
Billings Granite	GRANITE	76.33	0.06	11.96
Emuford Granite	GRANITE	76.54	0.08	11.55
Emuford Granite	GRANITE	76.12	0.08	12.11
Starlight Granite	GRANITE	75.74	0.03	12.52
Emuford Granite	GRANITE	77.37	0.1	11.53
Titania Granite	GRANITE	76.03	0.05	12.22

Billings Granite	GRANITE	75.17	0.07	12.21
Emuford Granite	GRANITE	76.91	0.1	11.63
Emuford Granite	GRANITE	76.04	0.09	11.91
Sugar Bag Granite	GRANITE	75.91	0.03	12.69
Emuford Granite	GRANITE	75.79	0.1	11.63
Cigarette Granite	GRANITE	77.12	0.06	11.95
Denford Granite	GRANITE	75.93	0.04	12.1
Emuford Granite	GRANITE	75.96	0.09	11.55
	GRANITE	75.5	0.15	12.4
	GRANITE	75.5	0.15	12.4
Glen Gordon Volcanics	DACITE	65.9	0.65	14.9
Glen Gordon Volcanics	DACITE	61.9	1.03	15.5
	GRANODIOF	67.8	0.5	14.4
	GRANODIOF	67.8	0.5	14.4
Glen Gordon Volcanics	IGNIMBRITE	75.1	0.2	12.5
	MICROGRAI	75.2	0.21	12.3
Glen Gordon Volcanics	IGNIMBRITE	75.6	0.14	12.3
Glen Gordon Volcanics	IGNIMBRITE	76.1	0.07	12.1
Glen Gordon Volcanics	IGNIMBRITE	76.4	0.12	12.1
Glen Gordon Volcanics	IGNIMBRITE	70.4	0.3	15
Glen Gordon Volcanics	IGNIMBRITE	75.5	0.11	12.4
Glen Gordon Volcanics	DACITE	68.5	0.45	13.4
Glen Gordon Volcanics	IGNIMBRITE	77	0.06	12.3
Glen Gordon Volcanics	ANDESITE	58.1	1.49	17
Glen Gordon Volcanics	DACITE	70.4	0.35	13.1
	MICROGRAI	65.4	0.77	13.6
Glen Gordon Volcanics	IGNIMBRITE	75.4	0.13	12.6
Glen Gordon Volcanics	IGNIMBRITE	75	0.14	12.4
Glen Gordon Volcanics	IGNIMBRITE	76.2	0.15	12.2
Glen Gordon Volcanics	IGNIMBRITE	75.1	0.13	12.5
Glen Gordon Volcanics	IGNIMBRITE	70.6	0.44	13.3
Glen Gordon Volcanics	IGNIMBRITE	75.4	0.13	12.5
Glen Gordon Volcanics	IGNIMBRITE	67.3	0.52	14
Glen Gordon Volcanics	IGNIMBRITE	75.1	0.13	12.4
Glen Gordon Volcanics	IGNIMBRITE	72.4	0.27	14
Glen Gordon Volcanics	IGNIMBRITE	75.9	0.1	12.4
Glen Gordon Volcanics	IGNIMBRITE	75.2	0.12	12.4
Glen Gordon Volcanics	TUFF	77.6	0.06	12.2
	GRANITE	73.7	0.26	13.2
	GRANITE	74.6	0.28	12.5
	GRANITE	74.1	0.24	13.3
	IGNIMBRITE	76.6	0.16	11.8
	GRANITE	76.6	0.1	12.1
	GRANITE	77.4	0.06	12.3
	MICROGRAI	68.5	0.64	14.9
	GRANITE	77.4	0.08	12.3
Ingham Granite Complex	MICROGRAI	76.3	0.06	12.7
Ingham Granite Complex	MICROGRAI	74.6	0.2	13.3
Ingham Granite Complex	GRANITE	75	0.2	13.2
Ingham Granite Complex	GRANITE	76.7	0.12	12.7
Ingham Granite Complex	RHYOLITE	77.2	0.08	12.5
	IGNIMBRITE	74.1	0.26	12.9
	IGNIMBRITE	77.8	0.14	11.6
	GRANITE	74.8	0.28	13.2
	GRANITE	76.7	0.08	12.5
	GRANITE	76.8	0.06	12.3

	GRANODIOF 69.1	0.38	15.1
	GRANODIOF 73	0.22	14.4
	GRANITE 75.7	0.16	12.8
	GRANODIOF 70.1	0.4	14.7
	GRANODIOF 71.5	0.34	14.4
	GRANODIOF 66.2	0.54	15.4
	GRANODIOF 73.9	0.22	13.7
	GRANODIOF 75.2	0.12	13.9
	GRANODIOF 71.8	0.3	14.4
	GRANODIOF 65.7	0.6	15.5
	GRANODIOF 71.8	0.3	14.5
	GRANITE 73.2	0.36	13.7
	GRANITE 74.8	0.28	13.3
	GRANITE 76.5	0.1	12.5
Tully Granite Complex	GRANITE 71.4	0.34	13.8
Barnard Metamorphics	AMPHIBOLITE 51.7	0.82	15.3
Tully Granite Complex	GRANITE 77.3	0.1	12.6
Tinaroo Granite	GRANITE 74.4	0.22	13.2
Tully Granite Complex	GRANITE 75.8	0.16	12.6
Tully Granite Complex	GRANITE 68.2	0.58	15.5
Tully Granite Complex	BASALT 46.9	1.4	17.7
Glen Gordon Volcanics	RHYOLITE 76.4	0.1	12.2
Normanby Formation	ARENITE 51.1	0.35	10.6
Atlanta Granite	GRANITE 73.9	0.3	13
Atlanta Granite	GRANITE 75.6	0.18	12.7
	RHYODACITE 72.2	0.25	14.2
Atlanta Granite	GRANITE 71	0.33	13.8
	GRANITE 77.5	0.08	12.2
Muldiren	GRANITE 75.3	0.15	13
	GRANITE 73.6	0.2	13.9
Kalunga Granodiorite	GRANODIOF 70.6	0.31	14.6
Mareeba Granite	GRANITE 72	0.23	15.1
Kalunga Granodiorite	GRANODIOF 70.5	0.33	14.4
Kalunga Granodiorite	GRANODIOF 68.5	0.41	15.2
Kalunga Granodiorite	GRANODIOF 69.2	0.43	14.8
	GRANITE 74.8	0.13	13.3
	GRANITE 76.3	0.14	12.5
Mareeba Granite	GRANITE 72.4	0.4	14
	GRANITE 77.2	0.06	12.3
	GRANITE 76.7	0.06	12.4
	GRANITE 75	0.25	13
	GRANITE 73.8	0.24	13.4
	GRANITE 74.8	0.26	13
	GRANITE 77	0.05	12.5
	GRANITE 74.2	0.26	13.1
	GRANITE 74.6	0.22	12.9
	GRANITE 74.51	0.22	13
	GRANITE 75.6	0.17	12.5
	GRANITE 71	0.4	14.2
	GRANODIOF 69.3	0.52	14.9
	GRANODIOF 69.8	0.48	15
	GRANODIOF 68	0.6	14.4
	GRANODIOF 68.2	0.59	14.7
	GRANITE 71.1	0.4	14.3
	GRANITE 70.4	0.48	14.6
Hopscotch Rhyolite	DACITE 65	0.59	15.31

Borneo Granite/1	MONZOGRA	71.4	0.29	14.51
Bamford Granite	GREISEN	76.36	0.04	12.27
Bamford Granite	GRANITE	84.71	0.05	6.37
Bamford Granite	GRANITE	77.34	0.04	11.44
Bamford Granite	GRANITE	76.06	0.06	12.34
	IGNIMBRITE	72.95	0.3	13.38
	IGNIMBRITE	72.83	0.29	13.24
	IGNIMBRITE	73.38	0.29	13.25
	IGNIMBRITE	74.46	0.17	12.82
Bamford Granite	GRANITE	76.91	0.04	12.25
Bamford Granite	GRANITE	78.81	0.07	10.14
Bamford Granite	GRANITE	76.76	0.06	11.92
Bamford Granite	GRANITE	77.53	0.06	11.51
Bamford Granite	GRANITE	75.76	0.06	12.53
Bamford Granite	GRANITE	76.71	0.05	11.98
Bamford Granite	GRANITE	76.49	0.05	11.86
Bamford Granite	GRANITE	76.9	0.05	10.79
Bamford Granite	GRANITE	78.97	0.05	10.38
Bamford Granite	GRANITE	76.23	0.04	12.05
Bamford Granite	GRANITE	76.47	0.06	12.4
Bamford Granite	GRANITE	75.63	0.06	12.87
Bamford Granite	GRANITE	76.51	0.05	12.25
	IGNIMBRITE	72.82	0.29	13.39
Bamford Granite	GRANITE	73.75	0.19	13.25
	PORPHYRY	74.56	0.2	13.24
	IGNIMBRITE	79.57	0.3	13.23
	IGNIMBRITE	79.54	0.32	13.26
Bamford Granite	GRANITE	76.99	0.05	11.64
Bamford Granite	GRANITE	76.05	0.06	12.15
Bamford Granite	GRANITE	75.11	0.1	12.61
Bamford Granite	GRANITE	78.39	0.04	11.08
Bamford Granite	GRANITE	75.5	0.06	12.33
Bamford Granite	GRANITE	75.73	0.06	12.52
Bamford Granite	GRANITE	76.3	0.06	12.35
Bamford Granite	APLITE	77.14	0.03	12.28
	GRANITE	73.97	0.21	13.32
Retire Monzodiorite/2	MONZODIO	62.28	0.65	15.7
Bamford Granite	GRANITE	77.14	0.05	11.63
Bamford Granite	GRANITE	73.16	0.19	12.26
Bamford Granite	GRANITE	77.41	0.06	11.44
Bamford Granite	GRANITE	77.16	0.06	11.45
Bamford Granite	GRANITE	76.79	0.03	12.22
Bamford Granite	GRANITE	76.69	0.05	12.28
	IGNIMBRITE	75.41	0.44	16.21
	IGNIMBRITE	75.3	0.43	15.53
Retire Monzodiorite/2	MONZODIO	69.38	0.53	14.83
Retire Monzodiorite/2	MONZODIO	68.63	0.54	15.57
Retire Monzodiorite/2	MONZODIO	60.58	0.79	16.46
Retire Monzodiorite/2	MONZODIO	60.08	0.76	16.33
Retire Monzodiorite/2	MONZODIO	59.81	0.78	16.48
Retire Monzodiorite/2	MONZODIO	59.1	0.79	16.75
Retire Monzodiorite/2	MONZODIO	58.51	0.79	16.93
Normanby Formation	ARENITE	50.4	0.24	9.4
	ANDESITE	62.1	1.18	15.3
	BASALT	51.3	1.31	16.6
	IGNIMBRITE	70.1	0.26	12.3

	IGNIMBRITE 70.7	0.24	14.2
Normanby Formation	ARENITE 78.1	0.27	12.7
	IGNIMBRITE 70.7	0.37	12.8
	IGNIMBRITE 68.9	0.58	13.5
	IGNIMBRITE 74.6	0.25	12.1
Yokas Microgranite	GRANODIOF 67.3	0.64	13.8
Yokas Microgranite	GRANODIOF 66.9	0.59	13.5
	IGNIMBRITE 74	0.18	12.1
	IGNIMBRITE 71.7	0.33	12.5
	IGNIMBRITE 71.8	0.32	12.5
	DOLERITE 42.56	3.81	12.98
	Granite 68.12	0.33	14.57
	Granite 73.75	0.28	13.14
	Granite 74.81	0.07	12.76
	Granite 72.5	0.33	13.52
	Granite 75.03	0.08	13.07
	Granite 58.34	0.57	13.7
	Granite 69.77	0.47	13.81
	Granite 62.41	0.76	16.08
	Granite 72.38	0.18	13.52
	Granite 75.6	0.16	11.67
	Granite 73.46	0.14	14.37
	Granite 74.65	0.05	13.98
Flyspeck Granodiorite	GRANODIOF 67.05	0.84	16.63
Morris Adamellite	GRANODIOF 71.71	0.57	14.14
Kintore Granite	GRANITE 71.42	0.38	15.26
Flyspeck Granodiorite	GRANODIOF 68.02	0.41	17.28
Flyspeck Granodiorite	GRANODIOF 66.74	0.64	16.19
Flyspeck Granodiorite	GRANODIOF 69.17	0.33	16.45
Flyspeck Granodiorite	GRANODIOF 56.24	0.87	17.09
Flyspeck Granodiorite	GRANODIOF 65.67	0.49	15.36
Blue Mountains Adamellite	ADAMELLITI 67.54	0.61	14.86
Flyspeck Granodiorite	GRANODIOF 60.12	0.71	16.3
Lankelly Granite	GRANITE 72.43	0.19	14.44
Wolverton Adamellite	GRANITE 76.49	0.04	12.78
Flyspeck Granodiorite	GRANODIOF 66.43	0.57	15.73
	DIORITE 51.24	1.06	17.16
Blue Mountains Adamellite	GRANITE 66.41	0.32	16.78
Blue Mountains Adamellite	GRANITE 67.17	0.65	14.94
Blue Mountains Adamellite	GRANITE 76.01	0.12	12.56
Blue Mountains Adamellite	GRANITE 76.64	0.06	12.8
Blue Mountains Adamellite	GRANITE 66.22	0.75	14.88
Blue Mountains Adamellite	GRANITE 73.54	0.23	13.24
Blue Mountains Adamellite	GRANITE 73.1	0.19	13.76
Lankelly Granite	GRANITE 62.44	0.57	15.09
Lankelly Granite	GRANITE 73.09	0.18	14.46
Lankelly Granite	GRANITE 74.15	0.27	13.4
Lankelly Granite	GRANITE 48.29	1.48	13.31
Kintore Granite	GRANITE 50.38	1.48	14.28
Lankelly Granite	GRANITE 67.5	0.67	15.99
Lankelly Granite	GRANITE 69.7	0.48	14.84
Flyspeck Granodiorite	GRANODIOF 72.88	0.29	14.41
Flyspeck Granodiorite	GRANODIOF 57.16	0.86	16.66
	GRANITE 66.54	0.83	15.08
	GRANITE 73.08	0.19	14.2
Flyspeck Granodiorite	GRANODIOF 71.62	0.34	15.15

Morris Adamellite	GRANITE	70.54	0.43	14.55
Flyspeck Granodiorite	GRANODIOF	70.86	0.21	15.69
	DACITE	57.7	1.11	16.07
	RHYODACIT	67.23	0.41	14.64
Kintore Granite	GRANITE	73.79	0.07	14.82
Flyspeck Granodiorite	GRANODIOF	67.07	0.49	15.53
Flyspeck Granodiorite	GRANODIOF	77.18	0.41	12.93
Flyspeck Granodiorite	GRANODIOF	67.59	0.44	14.72
Flyspeck Granodiorite	GRANITE	64.99	0.5	15.81
Flyspeck Granodiorite	GRANITE AL	75.55	0.08	12.76
Flyspeck Granodiorite	GRANITE AL	82.38	0.04	10.92
	RHYOLITE	75.94	0.03	13.53
	RHYOLITE	79.66	0.02	13.1
	RHYOLITE	77.76	0.01	11.56
Lankelly Granite	GRANITE AL	75.08	0.28	13.98
	APLITE	78.95	0.06	12.89
Lankelly Granite	GRANITE	72.53	0.22	14
Lankelly Granite	GRANITE AL	71.77	0.27	15.32
	MYLONITE ?	74.58	0.08	14.89
Lankelly Granite	GRANITE AL	74.3	0.24	14.41
	MYLONITE ?	63.22	0.61	14.74
	MYLONITE ?	79.84	0.05	12.58
	MYLONITE ?	80.76	0.06	11.98
Sefton Metamorphics	UNKNOWN	93.36	0.16	2.73
Sefton Metamorphics	UNKNOWN	93.36	0.16	2.73
Kirkwood Monzogranite	MONZOGRAN	67.61	0.63	15.79
Warner Granite	GRANITE	74.33	0.2	14.08
Warner Granite	GRANITE	74.96	0.28	13.02
Warner Granite	GRANITE	74.82	0.17	13.91
Peringa Tonalite	GRANODIOF	63.63	0.6	16.35
Peringa Tonalite	GRANODIOF	64.76	0.62	16.01
Barwon Granite	GRANITE	73.17	0.17	14.2
Peringa Tonalite	GRANODIOF	64.5	0.57	16.31
Two Rail Monzogranite	MONZOGRAN	72.19	0.29	14.68
Two Rail Monzogranite	DACITE	66.92	0.53	15.43
Two Rail Monzogranite	MONZOGRAN	69.54	0.43	14.97
Barwon Granite	GRANITE	71.89	0.3	14.64
Two Rail Monzogranite	MICROGRAN	64.3	0.38	16.21
Barwon Granite	MONZOGRAN	71.68	0.42	14.16
Barwon Granite	GRANITE	70.55	0.33	15.02
Barwon Granite	GRANITE	72.65	0.25	14.6
Two Rail Monzogranite	MONZOGRAN	67.33	0.5	15.98
Two Rail Monzogranite	MONZOGRAN	69.23	0.51	15.01
Barwon Granite	LEUCOGRAN	74.24	0.08	14.97
Leconsfield Granite	GRANITE	73.88	0.14	14.48
Two Rail Monzogranite	MONZOGRAN	66.79	0.55	15.7
Two Rail Monzogranite	MONZOGRAN	72.03	0.31	14.2
Barwon Granite	GRANITE	73.24	0.16	15.21
Heneage Granite	GRANITE	74	0.12	14.47
Tadpole Granite	GRANODIOF	70.97	0.31	14.6
Heneage Granite	GRANITE	72.29	0.33	14.61
Heneage Granite	GRANITE	72.93	0.26	14.73
Two Rail Monzogranite	MONZOGRAN	63.92	0.69	16.86
Burns Granite	GRANITE	73.14	0.2	14.82
Kirkwood Monzogranite	MONZOGRAN	68.91	0.56	15.52
Ebagoola Granite	GRANITE	71.92	0.74	14.78

Kintore Granite	GRANITE	74.9	0.12	14.35
Kintore Granite	GRANITE	70.55	0.4	14.96
Lankelly Granite	GRANITE	69.02	0.44	15.52
Kintore Granite	GRANITE	73.96	0.15	14.3
Lankelly Granite	GRANITE	71.44	0.29	15.38
Ebagoola Granite	GRANITE	72.66	0.3	14.83
Ebagoola Granite	GRANITE LE	73.63	0.08	15.03
Kintore Granite	GRANITE	72.85	0.13	15.2
Ebagoola Granite	GRANITE	73.72	0.07	15.13
Ebagoola Granite	GRANITE	73.77	0.19	14.6
Ebagoola Granite	GRANITE	74.18	0.14	14.3
Lankelly Granite	GRANITE	67.49	0.83	16.07
Ebagoola Granite	GRANITE	74.99	0.06	14.04
Glen Garland Granite	GRANODIOF	67.77	0.48	15.1
Glen Garland Granite	GRANODIOF	67.63	0.38	15.83
Kintore Granite	GRANITE	72.21	0.25	14.63
Lankelly Granite	DIORITE	61.36	1.08	17.04
Tea Tree Granodiorite	GRANODIOF	63.65	0.64	16.66
Flyspeck Granodiorite	GRANODIOF	69.44	0.44	14.96
Flyspeck Granodiorite	GRANODIOF	63.56	0.91	17.65
Flyspeck Granodiorite	GRANODIOF	70.91	0.52	14.11
Wipella Granodiorite	GRANITE	66.34	0.43	16.88
	GRANITE	73.4	0.08	15.07
Pelican Creek Granite	GRANITE	73.07	0.13	14.65
	GRANODIOF	62.55	0.47	16.7
	GRANODIOF	62.48	0.62	16.59
	GRANODIOF	61.38	0.52	15.87
	GRANITE	66.16	0.36	16.35
Bunira Granite	GRANITE	70.96	0.26	15.27
Peringa Tonalite	GRANODIOF	66.84	0.51	15.65
Turtle Swamp Granite	GRANITE	72.4	0.13	14.95
Wipella Granodiorite	GRANITE	66.34	0.39	17.07
	GRANITE	66.11	0.38	15.92
Yellowood Granite	GRANITE	67.33	0.35	15.8
Wipella Granodiorite	GRANODIOF	67.66	0.37	16.31
Lankelly Granite	GRANITE	67.7	0.66	15.8
Lankelly Granite	GRANITE	54.5	1.04	17.2
Blue Mountains Adamellite	GRANITE	69.68	0.57	14.32
Lankelly Granite	GRANITE	67.31	0.55	15.61
Kintore Granite	GRANITE	74.53	0.01	14.27
Flyspeck Granodiorite	GRANODIOF	63.11	0.93	17.75
Kintore Granite	GRANITE	72.97	0.2	14.1
Kintore Granite	GRANITE	66.87	0.71	15.99
Kintore Granite	GRANITE	73.34	0.13	14.33
Barwon Granite	GRANITE	72.06	0.19	15.45
Two Rail Monzogranite	MICROGRAM	69.1	0.47	15.08
Ebagoola Granite	LEUCOGRAM	73.06	0.08	15.12
Lankelly Granite	GRANITE	70.93	0.49	14.14
Lankelly Granite	GRANITE	65.88	0.72	16.59
Tea Tree Granodiorite	GRANITE	72.76	0.17	14.04
Tea Tree Granodiorite	GRANODIOF	67.98	0.43	15.45
Kintore Granite	GRANITE	61.1	0.56	16.5
Warner Granite	GRANITE	70.2	0.4	15.4
Flyspeck Granodiorite	GRANITE	67.4	0.7	14.9
Flyspeck Granodiorite	GRANODIOF	78.1	0.21	11.8
Glen Garland Granite	GRANODIOF	67.3	0.52	15.5

Imooya Granite	GRANITE	73.7	0.08	14.2
Imooya Granite	GRANITE	78.3	0.08	12.9
Imooya Granite	GRANITE	74.5	0.06	13.8
Imooya Granite	GRANITE	73.9	0.06	13.8
Ingleby Granite	GRANITE	69.3	0.34	15.7
Imooya Granite	GRANITE	74.8	0.06	13.1
Imooya Granite	GRANITE	74.5	0.08	13.5
Yellowood Granite	GRANITE	61.8	0.5	16.3
Imooya Granite	GRANITE	72.9	0.08	14.7
Mena Granite	DIORITE	51	0.7	17
Lankelly Granite	GRANITE	61.9	0.92	16.6
Kirkwood Monzogranite	GRANODIOLITE	67.1	0.58	16
Mooracoochie Volcanics	rhyodacite	68.2	0.55	13.6
Mooracoochie Volcanics	rhyodacite	57.5	0.57	18.2
Mooracoochie Volcanics	conglomerate	70.6	0.46	12.8
Jena Basalt	basalt lava	43.5	3.2	12.1
Jena Basalt	basalt lava	45	3.08	12.1
Jena Basalt	basalt lava	42.8	1.78	5.85
Jena Basalt	basalt lava	42.7	1.48	6.35
Jena Basalt	basalt lava	47.7	1.24	12.9
Jena Basalt	basalt lava	49.5	1.92	13.2
Mooracoochie Volcanics	rhyodacite	65.8	0.46	15.2
Mooracoochie Volcanics	rhyodacite	64.7	0.51	15
Mooracoochie Volcanics	rhyolite breccia	70.8	0.44	13.4
Mooracoochie Volcanics	very fine tuff	60.3	0.85	17.7
Mooracoochie Volcanics	tuff	67.1	0.51	15.9
Mooracoochie Volcanics	basalt breccia	37.9	2.32	15.6
Mooracoochie Volcanics	ignimbrite	63	0.53	14.3
Mooracoochie Volcanics	rhyodacite	71.4	0.35	13.5
Mooracoochie Volcanics	basalt breccia	35.51	1.65	12.43
Mooracoochie Volcanics	rhyolite	69.58	0.6	12.52
Mooracoochie Volcanics	basalt tuff/ligite	42.01	1.9	18.21
Mooracoochie Volcanics	basalt tuff/ligite	23.94	1.57	13.73
Mooracoochie Volcanics	amygdoidal	39.93	2.63	12.8
Mooracoochie Volcanics	amygdoidal	39.93	2.63	12.8
Mooracoochie Volcanics	basalt breccia	39.45	3.35	12
Mooracoochie Volcanics	basalt breccia	11.79	0.8	4.7
	Dolerite	56.7	1.83	13.2
Chilllagoe Formation	Basalt	45.5	1.89	14.2
Chilllagoe Formation	Basalt	53	1.19	14.2
Hodgkinson Formation	Basalt	47.8	1.2	14.25
Hodgkinson Formation	Basalt	44.46	1.42	14.73
Mulgrave Formation	Basalt	44.8	2.13	14.7
Mulgrave Formation	Basalt	46.9	1.29	14.6
	Dolerite	50.1	0.82	13.4
Chilllagoe Formation	Basalt	47.69	1.03	13.92
Chilllagoe Formation	Basalt	46.87	1.19	13.57
Chilllagoe Formation	Basalt	48.55	1.57	13.42
Hodgkinson Formation	Basalt	47.69	1.43	16.08
Hodgkinson Formation	Basalt	43.54	1.04	15.56
Chilllagoe Formation	Basalt	46.14	1.87	14.67
Chilllagoe Formation	Basalt	48.85	1.74	15.02
Chilllagoe Formation	Basalt	46.64	2.01	15.93
Mulgrave Formation	Basalt	47.69	0.81	18.46
Hodgkinson Formation	Basalt	50.06	1.2	14.4
Hodgkinson Formation	Basalt	47.47	1.47	15.09

Hodgkinson Formation	Basalt	47.88	1.33	15.06
Mulgrave Formation	Basalt	56.18	1.63	12.93
Hodgkinson Formation	Basalt	47	2	16.94
Hodgkinson Formation	Basalt	47.72	1.3	15.36
Hodgkinson Formation	Basalt	49.74	1.42	14.32
Chillagoe Formation	Basalt	48.4	1.61	14.6
Chillagoe Formation	Basalt	47.6	1.41	14.3
	Dolerite or t	48.4	1.9	14.2
	Dolerite or t	48.2	1.85	13.7
	Dolerite	54.3	2.32	12.3
	Dolerite	47.1	2.56	12.5
	VOLCANIC R	54.41	1.31	16.78
	VOLCANIC R	54.42	1.25	16.63
	GRANITE	75	0.27	12.7

Fe2O3	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	Total
14.1	0	0.06	4.1	4.6	3.2	2.68	1.28	
13.3	0	0.13	9.65	3.86	3.46	0.16	0.68	
15.7	0	0.11	9.95	2.26	2.24	1.33	0.53	
18.3	0	0.11	8.4	6.55	2.3	1.65	0.88	
14	0	0.16	8.85	9.5	0.78	2.58	1.06	
12	0	0.21	9.1	11.6	1.52	1.21	1	
0.3	1.1	0.02	0.2	0.7	3.06	5.43	0.08	
0.6	0.5	0.02	0.1	0.4	3.58	5.12	0.04	
	8.05	0.13	5.6	5.23	1.08	0.09	0.08	
	10.34	0.15	7.24	9.99	2.64	0.53	0.14	
	12.01	0.19	6.56	8.66	3.24	0.45	0.13	
1.3	4.2	0.1	4.1	4.7	2.5	3.1	0.14	
2.2	2.8	0.1	2.4	4.8	3.3	2.52	0.18	
2	2.6	0.08	1.9	4.7	3.5	2.94	0.18	
2.7	5	0.12	4.1	7	1.6	1.86	0.16	
2.1	5.2	0.12	3.8	6.7	1.7	1.86	0.16	
2.4	4.4	0.14	3	5.9	2.1	2.22	0.14	
1.8	5.3	0.14	3.3	6.2	1.8	2.14	0.14	
2.89	6.7	0.16	5.54	8.36	3.67	2.27	0.33	
2.55	3.61	0.12	2.36	0.14	3.25	3.41	0.11	
3.26	6.05	0.18	6.62	7.34	3.69	2.61	0.25	
6.2	5.88	0.24	8.06	14.98	1.99	0.91	0.19	
6.34	1.6	0.13	2.07	12.18	2.53	0.21	0.04	
4.89	3.12	0.05	2.21	0.17	2.51	3.94	0.12	
5.88	4.95	0.16	8.56	11.62	3.16	0.13	0.11	
2.89	2.89	0.08	2.48	0.13	2.73	3.74	0.09	
8.38	4.27	0.18	5.88	14.78	1.87	0.12	0.31	
11.78	2.39	0.19	3	9.13	4.66	0.31	0.26	
1.6	4.29	0.08	4.66	0.98	6.62	0.44	0.11	
0.91	2.57	0.04	0.67	2.8	4.34	5.05	0.16	
9.52	3.07	0.19	4.35	10.4	2.35	0.11	0.17	
3.85	2.22	0.09	1.9	0.09	2.03	3.42	0.06	
3.79	6.06	0.21	6.6	15.15	4.4	0.6	0.13	
5.37	7.26	0.23	9.06	7.27	6.13	0.11	0.21	
6.28	3.59	0.2	3.59	10.85	2.03	0.09	0.12	
1.94	6.7	0.04	2.97	0.01	1.06	3.85	0.03	
7.12	12.61	0.3	8.56	0.27	2.27	0.07	0.16	
6.88	7	0.16	4.91	0.65	3.12	0.77	0.1	
3.14	8.8	0.32	11.14	8.11	3.15	0.19	0.12	
2.46	4.56	0.04	3.16	0	1.46	4.42	0.05	
2.96	4.25	0.04	3.01	0.01	1.69	4.9	0.07	
2.2	3.8	0.12	2.2	6.3	3.55	3.22	0.32	
2.5	3.7	0.14	2.5	5.4	3.76	3.32	0.3	
8.29	1.77	0.24	3.86	7.82	2.71	2.29	0.37	
8.7	3.5	0.19	5.4	14.7	0.78	0.02	0.14	
2	5	0.05	36.54	0.1	-0.01	-0.01	-0.01	
6.1	4	0.14	6.1	15.2	1.51	0.06	0.1	
2	7.6	0.17	4.6	13.1	2.87	0.78	0.09	
5.1	5.1	0.16	4.4	16	1.21	0.48	0.1	
2.2	6.9	0.14	5.6	9.7	2.85	0.08	0.11	
2.2	6.2	0.12	6.4	11.4	1.69	1.29	0.07	

7.3	3.5	0.17	3.3	15.9	0.46	0.02	0.13
2.7	4.8	0.12	8.2	4.9	5.13	0.2	0.09
1.3	7.8	0.14	7.1	8	2.9	0.13	0.05
8.2	4.4	0.19	5.3	18.4	0.21	0.06	0.13
0.6	1.6	0.04	0.6	3.2	3.53	2.64	0.07
4.5	5.4	0.17	6.3	14.8	2.39	0.16	0.1
4.3	7.2	0.31	7	12.8	1.92	0.77	0.14
4.1	2.5	0.19	2.5	0.8	1.2	4.29	0.14
5.9	1	0.08	2	0.2	1.4	4.1	0.09
2.1	2.8	0.09	1.9	4.4	3.36	3.74	0.17
3.3	4.4	0.07	3.5	0.3	0.9	4.68	0.18
3.1	2.7	0.13	2.5	0.2	1.5	3.97	0.15
1.4	7.8	0.16	6.3	9.8	3.19	0.06	0.09
2.7	2.9	0.08	2.1	0.1	1.3	3.46	0.08
3	3.8	0.09	2.4	0.1	0.7	4.62	0.09
5.7	2.8	0.15	6.1	16.3	1.69	0.13	0.08
3.5	3.8	0.06	2.5	0.1	1.3	4.66	0.11
2.3	2.7	0.05	2.4	0.2	2.32	3.07	0.17
1.7	3.4	0.07	2.4	0.6	2.5	2.52	0.39
0.3	7.3	0.11	3.1	0.3	1.1	5.41	0.12
2.1	2.6	0.06	1.8	0.2	2.3	2.15	0.13
1	3.8	0.04	29.4	0.4	-0.1	-0.02	-0.02
2.3	4.2	0.12	2.7	5.6	3.07	3.84	0.22
2	2.8	0.09	2.2	4.3	3.08	2.99	0.15
2.1	5.2	0.13	4	6.9	2.73	1.51	0.15
0.1	1.8	0.08	0.6	2	3.6	3.75	0.1
2.8	5.8	0.16	4.1	7.9	3.23	2.67	0.3
1.1	7.4	0.2	3.4	8.2	2.59	1.9	0.68
1.5	7.6	0.16	6.7	10.8	1.87	1.05	0.1
3	5.2	0.16	5	8.2	2.24	1.64	0.17
4.3	6.6	0.18	5.5	9.7	2.44	1.26	0.16
2.6	4.3	0.13	3.1	6.9	2.93	1.62	0.22
4.1	6.2	0.18	6.2	10.1	2.32	1.23	0.12
0.6	2.5	0.07	1.1	2.5	2.7	4.61	0.1
1.5	8.1	0.15	20	10.3	-0.01	0.04	0.14
1.8	9	0.22	12.3	14.1	1	0.32	0.52
2	8.3	0.16	19.2	11.6	-0.01	0.07	0.18
5.2	7.6	0.16	5	11.9	3.4	0.93	0.66
3.7	6.9	0.18	7.3	12.1	3.3	0.74	0.38
0.4	0.5	0.07	-0.1	0.3	4.3	3.91	0.27
0.9	7.7	0.15	17.8	11.9	0.3	0.17	0.12
3.2	8	0.15	3.7	5.6	4.8	3.16	1.06
2.1	9.4	0.19	14	12.1	1.7	0.15	0.34
0.5	1.2	0.1	0.3	1.4	3.9	3.35	0.07
3.8	6.4	0.17	16.2	13.3	1.2	0.16	0.22
1.2	0.4	0.13	0.3	0.6	3.66	4.75	0.04
0.9	2.7	0.07	1.5	3.2	2.7	3.94	0.15
3.3	5.1	0.16	6.3	9.2	2.2	0.74	0.1
0.5	4.5	0.07	2.3	1.4	1.6	3.38	0.15
2.3	5.1	0.14	2.8	7.3	3.2	1.23	0.37
3	5.7	0.16	4.8	7.8	2.7	0.53	0.1
0.6	3.5	0.06	1.6	0.5	1.6	3.45	0.11
0.5	5.4	0.1	7.6	6.4	2	1.31	0.12
0.5	3.2	0.04	1.2	2.2	2.6	4.56	0.21
0.2	2.4	0.05	1.9	1.3	1.8	3.23	0.03
0.7	0.5	0.01	0.3	0.6	3.5	4.8	0.04

1.1	0.3	0.08	0.2	0.3	3.7	4.46	0.04
14.03	0	0.15	3.32	5.19	4.47	0.63	0.25
10.81	0	0.15	6.76	8.37	3.27	0.08	0.1
11.43	0	0.17	3.93	16.88	1.71	0.12	0.17
10.24	0	0.15	8.65	9.48	3.18	0.13	0.1
5.93	0	0.26	5.2	31.88	1.33	0.03	0.16
11.68	0	0.14	5.14	7.37	3.73	0.81	0.16
9.08	0	0.14	5.52	12.92	3.34	0.21	0.08
9.75	0	0.15	5.49	12.18	2.63	0.23	0.1
7.49	0	0.13	2.82	18.73	2.18	1.24	0.11
7.56	0	0.12	4.57	6.46	4.06	0.14	0.09
12.04	0	0.21	6.02	14.94	2.55	0.14	0.16
10.53	0	0.14	5.4	18.11	0.43	0.04	0.11
11.93	0	0.2	6.83	18.01	0.25	2.55	0.19
11.43	0	0.25	1.79	23.29	1.63	0.15	0.35
8.77	0	0.16	7.5	13.86	3	0.61	0.1
10.96	0	0.17	5.22	12.61	3.93	0.63	0.09
10.16	0	0.22	2.19	16.15	0.79	0.42	0.15
9.26	0	0.12	6.87	11.73	2.44	0.15	0.1
7.37	0	0.14	3.15	13.91	2.35	1.67	0.09
2.1	4.2	0.11	3.2	6	3.06	1.89	0.2
1.6	3.5	0.09	2.3	4.7	2.87	3.32	0.16
1.9	4.6	0.12	3	5.9	2.84	3.1	0.21
1.9	2.1	0.06	1.8	3.8	2.8	3.88	0.14
0.3	2	0.08	0.8	2.6	3.44	3.06	0.11
2.1	3.3	0.1	2.4	5.5	3.34	2	0.17
1.9	2.4	0.1	1.8	4.23	2.89	3.64	0.13
2.8	4.7	0.15	3.1	7.1	3.71	2.21	0.3
1.6	2.9	0.1	2	4.4	3.2	2.77	0.14
1.9	2.5	0.08	2.1	4.4	3.2	2.66	0.16
0.6	2	0.05	0.8	1.8	2.55	5.24	0.07
1.5	3.4	0.09	2.2	4.5	3.1	2.84	0.17
2.4	1.9	0.08	1.9	4.1	3.1	3.14	0.14
1.6	2.6	0.08	1.8	3.7	2.88	3.82	0.14
0.6	2.2	0.05	1	2	2.71	4.61	0.08
1.1	2.1	0.06	1.3	2.9	2.89	4.12	0.1
2.1	3.9	0.11	2.9	6	3.12	2.58	0.17
1.9	4.4	0.11	3.2	6.2	2.91	2.71	0.16
2.3	4.5	0.12	3.5	6.6	3.02	2.4	0.21
1.7	2.6	0.09	1.7	3.6	2.73	4.26	0.12
1.9	3.6	0.11	2.7	5.7	3.1	2.08	0.16
1.7	3.5	0.1	2.4	4.8	3.09	2.64	0.18
2.5	4.8	0.14	3.7	7.1	3.08	1.88	0.28
1.5	3	0.1	2.1	4.3	3.16	2.99	0.15
1	2.2	0.05	1.3	3	3.02	3.71	0.11
0.5	2.3	0.06	1.1	2.4	3	4.28	0.17
0.6	2.4	0.06	1.2	2.5	2.96	4.13	0.14
1	2.5	0.07	1.4	2.9	2.8	3.95	0.14
1.4	3	0.09	2.1	4.4	3.33	2.44	0.16
0.9	2.2	0.06	1.2	2.6	2.96	4.04	0.09
0.06	1.4	0.05	0.08	2.3	3.58	3.15	0.11
1.3	1.8	0.07	1.4	3.5	3.6	2.46	0.13
0.8	3.8	0.09	2.1	4.6	3.18	2.7	0.15
0.6	1.9	0.07	1	2.4	3.49	3.57	0.18
1.3	2.6	0.08	1.9	3.9	3.36	2.63	0.14
0.4	0.3	0.02	0.1	0.3	3.38	4.57	0.03

1.7	3.3	0.11	2.2	5.2	3.47	2.24	0.2
1.8	3.3	0.09	2.3	5	3.23	2.47	0.17
1.5	3.1	0.09	2.1	4.5	3.24	2.92	0.15
1	2.4	0.07	1.3	2.9	2.92	3.87	0.11
1.3	2.8	0.08	1.8	3.7	2.89	3.91	0.13
1.6	3	0.08	2.2	4.5	3.13	2.93	0.15
1.9	3.3	0.09	2.4	4.7	2.94	3.26	0.17
1.5	3	0.08	1.9	4	2.88	3.9	0.14
1.3	2.6	0.06	1.6	3.3	2.68	4.51	0.11
0.6	0.9	0.02	0.4	1.4	2.57	5.8	0.1
2.2	4.7	0.12	3.1	6.2	2.98	3.26	0.22
1.6	3.4	0.1	1.7	6.4	3.63	3.1	0.26
1.6	2.8	0.09	1.9	4.4	3.41	2.46	0.15
1.1	1.8	0.06	1.1	2.5	2.61	4.96	0.08
1.7	3	0.08	2.1	4.7	3.21	2.52	0.16
1.9	3.2	0.09	2.3	4.9	3.15	2.99	0.16
0.2	0.7	0.01	0.1	0.9	2.8	5.75	-0.01
1.9	2.6	0.08	2	4.3	3.2	2.83	0.15
1.1	2.6	0.07	1.4	4	3.7	1.95	0.16
1.5	3.1	0.09	2	4.6	3.4	1.85	0.18
1.5	2.7	0.08	1.9	4.5	3.4	2.01	0.16
1.6	3.2	0.1	2.2	4.2	3.1	2.86	0.16
0.5	2.1	0.05	0.9	2.4	3.21	4.11	0.13
5.51	0	0.1	2.43	4.79	3.78	2.82	0.17
6.58	0	0.17	2.24	5.19	5.02	1.83	0.42
6.85	0	0.13	2.39	7.03	4.03	2.83	0.41
2.68	1.78	0.07	1.44	3.19	2.92	4.28	0.17
3.37	1.63	0.08	1.78	3.83	3.22	3.78	0.16
0.27	0.15	0.01	0.4	0.8	3.67	5.06	0.16
3.37	1.96	0.1	1.69	4.06	3.13	3.88	0.17
5.25	0	0.09	1.8	4.26	2.96	3.85	0.19
6.65	0	0.14	2.62	8.82	5.23	0.81	0.44
4.65	0	0.07	1.79	3.78	3.33	3.91	0.16
5.43	2.7	0.12	3.42	5.88	3.26	2.89	0.28
9.8	0	0.16	4.39	8	3.41	2.4	0.86
1.1	4.1	0.08	1.4	2.8	2.68	3.62	0.24
0.7	4.4	0.07	1.4	2.7	2.68	3.58	0.25
0.5	3.3	0.06	1	2.2	2.94	4	0.18
0.3	3.4	0.06	1	2.1	2.88	4.96	0.18
0.8	6	0.12	7.7	10.9	2.5	0.38	0.12
1	7.7	0.14	7.8	9.5	2.9	0.62	0.24
1.8	6.3	0.16	10.9	13.1	1.4	0.06	0.04
1.1	9.9	0.2	15.2	9.3	0.6	0.08	0.22
1.6	11.4	0.22	7.9	10.5	2.1	0.04	0.16
4.3	5.9	0.16	6.8	5.8	4.4	0.44	0.06
-0.1	1.6	0.02	0.6	0.5	0.9	0.4	0.05
0.4	1.2	0.02	0.6	0.2	0.6	0.97	0.07
0.3	3	0.08	1.4	1.5	1.7	1.18	0.11
0.1	1.6	0.05	0.9	1.5	1.2	0.68	0.1
12.1		0.2	5.8	9.75	3.06	0.13	0.34
12.1		0.18	5.6	8.55	3.78	0.2	0.33
13.4		0.21	6.6	8.95	3.28	0.15	0.34
12.6		0.2	6.35	9.05	3.34	0.14	0.37
15.3		0.25	5.5	7.9	4.02	0.16	0.48
12.1		0.19	5.85	6.75	4.86	0.14	0.36
12		0.2	5.45	8.85	3.02	0.18	0.36

11.5		0.19	5.45	8.15	3.76	1.32	0.19
10.9		0.19	5.4	7.75	3.48	1.32	0.18
6.4		0.05	0.32	0.58	6.3	0.06	0.02
11.6		0.18	5	8.55	2.4	1.23	0.1
12.7		0.18	3.22	6.75	3.88	0.45	0.19
12.5		0.18	3.1	7.9	3.16	0.5	0.19
13.1		0.19	3.48	6.75	3.54	0.45	0.2
1.4		0	0	7.7	12	2.7	0.8
1.7		0	0	6	11.4	2.95	0.62
2.7		0	0	6.4	9.4	3.1	0.93
1.7		6.7	0	14.6	2.55	0.95	0
19.9		0	0.2	5.4	8.75	3.4	0.32
9.7		0	0.16	7.4	12.1	2.5	1.05
18.1		0.2	4.86	1.75	1.05	2.22	0.46
20.8		0.28	2.32	1.68	1.14	3.08	0.86
14.6		0.13	2.04	9.35	0.09	4.02	0.39
14.8		0.14	4.44	5.45	1.47	1.74	0.38
12.9		0.18	1.64	1.87	6.65	0.17	0.54
12.8		0.22	7.4	7.55	3.42	0.37	0.34
12.3		0.15	5.9	9.3	2.72	0.96	0.29
0.36	1.24	0.02	0.39	0.93	3.97	4.01	0.01
0.6	0.7	0.05	0.4	1.2	4.2	4.52	0.06
0.77	0.85	0.07	0.43	1.9	3.79	3.24	0.04
2.9	1.6	0.11	0.2	1.8	5.1	3.54	0.07
1.1	3.2	0.08	1.2	3.8	2.35	2.54	0.11
0.6	0.5	0.03	0.1	0.3	3.74	4.43	0.01
1	2	0.06	1.2	2.6	3.33	4.28	0.08
1.1	1.4	0.04	0.4	1.7	2.56	3.62	0.04
0.5	1	0.07	0.4	1.2	4.06	3.94	0.07
0.4	0.9	0.07	0.3	1.2	4.22	4.14	0.06
1.5	1.3	0.04	0.3	0.9	3.18	3.65	0.01
1.2	0.3	0.03	0.1	0.8	2.98	2.82	0.02
0.3	0.9	0.02	0.1	0.5	3.55	4.89	0.02
0.7	0.5	0.04	0.1	0.4	3.59	4.66	0.02
2.8	4.6	0.14	3.6	6.6	2.67	2.91	0.2
1.6	5.2	0.12	10.4	14.5	0.34	0.05	-0.01
0.9	2.5	0.07	1.4	3.3	3.17	3.28	0.11
2.9	4.12	0.13	3.38	6.18	2.29	2.2	0.15
0.5	1.1	0.07	0.4	1.4	3.9	3.77	0.05
0.3	0.3	0.02	0.1	0.6	4.2	4.21	0.03
2.39	4.28	0.09	3.13	6.57	2.98	1.64	0.27
3.18	4.77	0.11	3.82	7.56	3.14	1.32	0.27
1.96	3	0.08	2.42	5.11	3.05	2.25	0.17
0.06	0.81	0.01	0.45	1.48	2.49	5.23	0
5.9	2.6	0.25	2.4	5	2.6	2.89	0.35
1.9	2.1	0.08	1	3.1	3.7	3.41	0.21
3.5	6.7	0.15	4.6	11.2	2.5	0.17	0.2
0.6	0.5	0.05	0.17	0.6	3.5	4.69	0.03
2.4	6.1	0.17	6.3	8.9	3.3	0.97	0.32
0.2	0.8	0.03	0.05	0.5	4	4.13	-0.01
1.4	1.8	0.1	1	3.4	4.6	1.51	0.18
4.3	6.1	0.24	4.3	8.6	3.7	0.92	0.53
2.9	3.7	0.19	1.9	5.7	4.7	1.38	0.51
0.9	1	0.1	0.6	1.4	4	3.56	0.08
0.7	0.9	0.1	0.5	1.4	4.1	3.68	0.08
0.6	0.5	0.04	0.2	0.7	3.3	4.57	0.02

1.1	1.6	0.08	0.8	2.5	3.8	3.31	0.1
0.6	0.5	0.03	0.2	0.7	3.3	4.48	0.02
3	7.6	0.16	7.6	12.2	2.6	0.8	0.38
0.6	0.5	0.02	0.1	0.7	3.5	4.54	0.03
2.9	9.6	0.19	8	8.3	3.1	0.1	0.14
5.6	6.7	0.23	7.8	8.7	2.8	0.2	0.16
1.3	4.6	0.16	1.6	4.7	2.9	0.9	0.17
2.1	8.2	0.25	8.7	11.6	2	0.3	0.02
3.6	7.1	0.13	4.3	4.2	4	1.8	0.36
2.1	9.5	0.37	7.3	10.3	3	0.2	0.13
1.9	9.4	0.29	7	11.3	2.7	0.09	0.12
1.6	8.4	0.49	7.7	12.4	1.8	0.22	0.08
3	7.3	0.15	6	7.2	4.3	0.49	0.32
1	4.1	0.11	4.1	2.5	8.1	0.03	0.03
4.1	8.8	0.18	5.6	4.4	4.9	0.05	0.2
2.8	1.4	0.07	0.4	2.3	6	0.62	0.21
2.5	6.3	0.2	8.1	7.1	3.9	0.19	0.17
1.8	1.9	0.09	1	3.4	5.6	0.05	0.12
0.3	1.1	0.03	0.1	0.8	3.06	4.83	0.02
1.4	9.3	0.13	7	10	0.6	1.2	0.07
2.5	9.5	0.23	7.2	9.7	2.2	0.08	0.16
2.9	9.4	0.23	7.5	10.2	2.5	0.24	0.14
0.3	0.9	0.03	0.1	0.6	3.32	4.87	0.01
0.3	1	0.02	0.1	0.9	3.32	4.83	0.01
0.1	0.9	0.02	0.1	0.5	3.76	4.54	0.01
0.3	2.1	0.06	0.3	1	3.36	4.92	0.08
1.5	3.7	0.09	2.3	5	3.39	2.41	0.13
0.2	1.2	0.03	0.1	0.5	3.14	4.82	0.02
0.2	1	0.03	0.1	0.6	3.31	4.61	0.03
-0.1	1.8	0.04	0.3	1.1	3.42	4.03	0.06
0.2	1.1	0.04	0.2	1	3.47	4.45	0.02
0.1	1.4	0.03	0.3	1.2	3.18	4.55	0.03
0.1	1.4	0.03	0.3	1.2	3.18	4.55	0.03
0.3	2.4	0.06	0.4	1.9	3.16	3.88	0.09
0.6	1.7	0.05	0.4	1.6	3.67	3.98	0.06
0.2	1.3	0.04	0.2	1	3.13	4.82	0.03
0.2	0.9	0.03	0.1	0.5	3.6	4.53	-0.01
-0.1	1.8	0.05	0.4	1.9	3.11	4.15	0.05
0.3	2.3	0.06	0.6	2	3.19	3.85	0.08
0.3	1.9	0.04	0.4	1.6	3.17	3.9	0.11
0.1	1.4	0.03	0.1	0.6	3.23	5.22	0.04
0.3	1.2	0.03	0.1	0.6	3.18	4.98	0.03
2	4.3	0.12	2.6	5.6	3.85	1.94	0.16
0.4	1.6	0.04	0.2	1	3.15	4.67	0.06
0.2	0.9	0.02	0.1	0.4	3.92	4.62	-0.01
1.6	2.6	0.08	1.8	4.1	3.33	3.02	0.1
0.4	1	0.04	0.3	1.2	3.54	4.35	0.03
0.26	3.95	0.07	1.72	3.2	2.6	3.17	0.16
0.28	1.12	0.04	0.23	1.22	3.7	4.26	0.03
0.34	0.12	0.04	0.09	0.57	3.3	4.98	0.03
0.09	0.9	0.02	0.03	0.44	4.3	4.59	0.01
0.91	0.82	0.04	0.39	1.08	4.5	3.83	0.07
0.44	1.75	0.04	0.25	1.24	3.6	4.44	0.08
0.7	1.39	0.04	0.57	1.75	3.26	4.34	0.08
0.74	1.66	0.05	0.6	1.96	3.26	4.46	0.09
0.63	2.18	0.05	0.75	2.13	3.5	4.2	0.11

2.93	1.13	0.08	1.09	1.21	4.22	3.79	0.2	
0.84	0.33	0.04	0.07	0.03	4.39	4.17	0	
1.05	0.93	0.06	0.55	1.47	4.5	3.56	0.09	
0.93	0.92	0.03	0.25	0.97	3.47	4.53	0.03	
1.79	0.16	0.07	0.14	0.19	3.9	3.91	0.02	
0.99	0.27	0.01	0.04	0.17	3.14	4.76	0	
1.57	0.36	0.1	0.18	0.45	4.54	4.8	0.02	
1.43	0.2	0.03	0.1	0.02	4.28	5.21	0.02	
2.07	0.3	0.09	0.34	0.38	5.15	4.61	0.09	
0.77	0.54	0.03	0.11	1.11	2.97	4.05	0.01	
3.31	2.6	0.1	0.47	2.78	3.38	2.79	0.11	
2.91	3.1	0.11	0.6	3.21	3.42	2.61	0.12	
0.5	0.35	0.01	0.04	0.39	3.76	4.48	0	
0.77	0.83	0.03	0.27	1.43	3.28	4.83	0.03	
1.09	1.27	0.04	0.5	2.16	3.31	3.72	0.05	
0.87	1.17	0.03	0.22	1.51	3.55	3.53	0.03	
0.96	0.82	0.03	0.04	0.36	3.86	4.44	0	
1.6	2.4	0.06	2.1	2.9	4.5	0.18	0.12	
2.3	3.7	0.1	3.4	5.4	5.1	0.1	0.12	
	4.34	bd	0.92	1.34	5.58	0.35	0.18	99.4
	8.45	0.2	2.98	4.35	5.6	0.39	0.35	99.6
	5.11	0.11	1.8	3.54	4.46	1.48	0.26	100.1
	3.6	0.07	0.78	6.46	5.34	0.21	0.35	100.4
2.35	0	0.04	0.91	2.36	3.53	3.52	0.09	
	4.25	0.07	1.56	2.78	1.87	2.37	0.17	100.6
	13.5	0.23	4.39	7.89	2.62	0.43	0.2	100.2
	2.44	bd	0.44	0.33	2.66	0.95	0.05	100.3
	6.59	0.06	2.98	0.41	3.48	0.61	0.13	99.6
	2.25	bd	0.2	0.2	5.7	0.35	0.03	99.4
	1.7	bd	0.48	0.18	4.55	0.32	0.03	99.2
	1.57	bd	0.22	0.16	3.48	1.57	0.02	100.2
	8.79	0.15	2.9	5.02	5.9	0.29	0.24	99.9
	6.63	0.13	1.06	2.75	5.39	2.4	0.31	100
	8.44	0.17	8.16	9.81	1.04	0.2	0.14	100.7
	9.84	0.14	5.15	6.35	4.34	0.98	0.14	100.7
	9.54	0.1	2.88	3.76	4.04	1.14	0.54	100
	5.32	0.09	1.71	7.54	4.26	0.2	0.26	99.8
	6.91	0.17	1.83	10.1	1.9	0.89	0.32	100.3
	11.1	0.14	3.29	1.61	6.45	0.24	0.43	99.6
	4.67	0.1	0.93	2.41	4.88	1.29	0.23	99.8
	9.45	0.18	5.09	4.47	4.79	0.79	0.28	99.8
	8.32	0.18	3.35	5.63	4.55	0.17	0.28	99.9
	7.9	0.18	4.09	8.69	5.12	1.14	0.21	100.5
	9.58	0.18	4.65	2.65	5.34	1.57	0.42	100
	4.94	0.11	0.96	1.44	7.21	0.31	0.26	100
	4.59	0.09	1.18	1.36	6.1	1.09	0.26	100
	10.58	0.15	4.77	4.55	6.51	0.12	0.39	100
	9.79	0.16	4.4	4.08	6.36	0.11	0.29	100
	8.23	0.13	3.63	4.44	4.37	2.15	0.3	100
	10.66	0.17	5.48	4.97	4.43	0.1	0.18	100
	11.14	0.15	4	5.38	4.38	1.49	0.37	100
	7.72	0.15	4.96	7.42	5.15	0.1	0.29	100
	10.79	0.13	3.69	3.31	5.21	0.36	0.35	100
	11.6	0.19	5.66	3.9	5.4	1.93	0.39	100
	8.16	0.13	4.27	4.58	6.94	0.14	0.16	100
	13.29	0.26	5.73	13.05	3.25	0.57	0.25	100

	5.97	0.1	2.17	5.91	4.67	2.86	0.48	100
	10.58	0.16	4.33	5.2	3.38	2.42	0.43	100
	10.7	0.27	4.23	17.94	4.56	0.89	0.46	100
	7.98	0.14	3.09	6.04	5.64	1.65	0.44	100
	8.02	0.15	2.97	4.66	6.55	0.19	0.46	100
	9.57	0.13	3.24	4.32	5.54	0.53	0.58	100
	3.76	0.05	0.72	2.48	4.47	1.87	0.22	100
	7.89	0.13	2.89	3.84	6.53	0.37	0.35	100
	4.22	0.06	0.89	2.85	4.22	2.2	0.24	100
	10.94	0.17	4.21	5.9	4.32	0.17	0.48	100
	11.26	0.17	3.53	8.3	5.12	0.07	0.23	100
0.1	1.2	0.02	-0.1	0.5	3.48	4.62	0.02	
0.1	1.1	0.02	0.1	0.7	3.62	3.66	-0.02	
-0.1	1	-0.02	-0.1	0.8	3.3	4.16	-0.02	
0.9	0.5	-0.02	0.1	0.7	3.24	4.36	-0.02	
0.6	1.5	0.04	0.3	1.6	3.58	3.52	0.04	
0.6	1.3	0.04	-0.1	0.4	4.04	4.44	-0.02	
0.3	1.5	0.04	-0.1	0.6	3.72	3.98	-0.02	
1.3	0.4	0.14	0.6	1.6	2	4.16	0.04	
0.5	1.1	0.08	0.4	1.4	3.7	3.92	0.06	
2.3	1.4	0.08	1	1.1	4.06	4.26	0.18	
0.9	0.4	0.04	0.1	0.1	4.44	4.26	-0.02	
0.9	1.1	0.06	0.6	1.5	4.62	3.7	0.1	
0.7	1.3	0.04	0.3	1	3.58	4.5	0.04	
1.8	0.2	0.08	0.2	0.2	3.86	4	-0.02	
1.2	0.2	-0.02	-0.1	0.2	3.2	4.9	-0.02	
1.5	0.5	0.12	0.2	0.6	4.54	5.16	0.02	
1.5	0.2	0.02	0.1	-0.1	4.38	5.26	0.02	
2.3	0.2	0.1	0.4	0.4	5.28	4.72	0.1	
0.5	0.9	0.02	0.2	1.1	3.02	4.14	-0.02	
2.6	3.5	0.1	0.5	2.8	3.54	2.78	0.12	
2.5	3.8	0.12	0.6	3.2	3.52	2.72	0.14	
0.4	0.6	-0.02	0.1	0.4	3.82	4.62	-0.02	
0.3	1.4	0.02	0.3	1.5	3.24	4.84	0.04	
0.2	2	0.04	0.5	2.1	3.22	3.94	0.04	
1.8	0.1	0.12	0.1	0.1	4.2	4.8	-0.02	
0.6	0.4	-0.02	-0.1	0.5	3.8	4.68	-0.02	
0.4	0.6	-0.02	-0.1	0.4	3.9	4.66	-0.02	
0.4	2	0.04	0.2	1.4	3.7	3.96	0.04	
1	2.5	0.06	1.7	3.5	3.2	3.54	0.08	
1.1	1.4	0.06	0.7	2	4.4	3.5	0.12	
1.1	2.6	0.06	1.8	3.5	3.2	3.62	0.08	
1	1.2	0.08	0.5	1.3	4.5	3.72	0.08	
0.6	1	0.04	0.3	1.1	3.4	4.6	0.04	
1.7	1.6	0.1	0.8	1.9	5.1	3	0.14	
1.5	1.4	0.04	0.9	3.1	5.1	2.68	0.14	
0.8	0.9	0.06	0.4	1.1	4.4	3.84	0.06	
1.3	1	0.12	0.6	1.5	4.5	3.56	0.1	
1	1	0.06	0.6	1.4	4.3	3.8	0.1	
0.7	0.7	0.04	0.4	1.3	3.8	3.96	0.04	
1	1.1	0.08	0.6	2	4.3	3.2	0.12	
1.6	1.3	0.06	0.9	2.5	4.3	3.4	0.14	
0.8	1	0.06	0.4	1.4	4.3	3.8	0.06	
0.5	1.7	0.04	0.4	2.1	3.3	3.32	0.04	
1	3.1	0.06	0.9	3.2	3.2	2.92	0.12	
0.4	2	0.04	0.2	1.5	3.3	3.72	0.06	

0.5	1.9	0.04	0.4	2.1	3.1	3.5	0.04	
0.9	3	0.06	0.9	3.7	3.3	2.38	0.1	
0.8	1.1	-0.02	0.3	1.3	3.6	3.86	0.02	
1.1	4.1	0.08	1.4	4.8	3.4	1.86	0.18	
0.2	1.2	-0.02	0.1	1.4	2.8	3.9	-0.02	
1.1	0.4	-0.02	0.2	0.3	4	4.58	0.04	
0.4	1.6	0.04	0.2	1.7	3.6	3.96	0.04	
0.5	0.3	-0.02	-0.1	0.3	3.8	4.7	-0.02	
0.8	0.2	0.04	0.1	0.6	3.8	5	0.02	
1.2	0.1	-0.02	-0.1	0.1	3.9	4.34	-0.02	
0.7	0.5	-0.02	0.2	0.8	3.9	4.4	0.02	
0.5	0.7	0.04	0.3	1.1	3.8	4.48	0.02	
0.5	0.7	0.04	0.3	1	3.7	4.48	0.04	
0.4	0.4	0.04	-0.1	0.5	3.8	4.74	-0.02	
0	5.2	0.08	1.52	7.03	5.94	0.17	0.31	
0	0	0	0	0	0	0	0	
0	8.89	0.15	3.62	4.42	4.23	1.81	0.58	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	10.89	0.19	8.18	11.08	2.36	1.13	0.14	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	
0.4	0.9	0.03	0.1	0.3	3.4	4.5	0.16	
	8.44	0.17	3.86	4.23	5.54	0.15	0.24	99.5
	2.18	bd	0.34	1.17	5.52	1.13	0.1	99.7
	10.5	0.17	7.16	11.2	3.18	0.08	0.12	100.6
	3.83	0.08	0.43	0.74	6.96	0.07	0.39	99.2
	3.09	bd	0.46	0.81	4.71	2.51	0.21	100
	7.21	0.14	1.85	6.51	3.38	0.49	0.26	100.6
	4.37	0.11	0.79	4.05	5.18	0.19	0.32	100
0.21	1.66	0.04	0.58	2.04	3.18	4.19	0.07	
0.44	1.65	0.03	0.22	0.68	2.67	4.95	0.04	
0.44	1.65	0.03	0.22	0.68	2.67	4.95	0.04	
0.35	1.76	0.03	0.27	1.19	2.88	5.42	0.05	
0.2	0.7	0.04	0.4	1.5	2.96	4.4	0.1	
2.63	2.59	0.06	1.41	2.75	3.85	3.2	0.22	
0.5	2.7	0.06	0.9	1.6	3.1	4.63	0.16	
0.3	0.6	0.02	0.2	1.1	3.2	5.37	0.07	
0.1	0.7	0.01	0.2	0.5	2.8	5.72	0.07	
0.1	0.6	0.02	0.2	0.8	2.9	5.98	0.06	
0.4	3	0.06	1	2.4	2.8	3.46	0.16	
1.8	1.7	0.07	1.1	2.3	4	6.43	0.17	
1.8	1.7	0.07	1.1	2.3	4	6.43	0.17	
1.8	0.4	0.04	0.1	0.2	3.3	4.54	0.02	
1.5	0.2	-0.02	-0.1	-0.1	3.5	4.26	-0.02	
0.9	1.4	0.06	0.5	1.5	4.1	3.8	0.04	
1.7	5.2	0.11	2.35	5.5	3.35	2.1	0.29	
0	9.28	0.18	5.59	5.89	4.72	1.24	0.17	
2.09	2.47	0.11	1.32	3.92	3.17	2.02	0.11	
1.18	0.85	0.04	0.67	1.41	3.33	3.81	0.04	
0.24	8.29	0.18	5.37	8.34	2.38	1.09	0.15	
1.22	1.27	0.02	0.65	2.72	4.51	0.1	0.05	
0.9	7.82	0.13	4.83	4.48	6.15	0.13	0.21	
0.73	0.47	0.01	0.44	0.85	3.87	3.28	0.01	
0	8.59	0.22	2.88	2.26	3.16	5.07	0.57	

4.91	8.28	0.25	3.48	4.29	4.59	0.06	0.32
2.14	5.76	0.17	4.68	2.05	4.51	1.3	0.12
1.09	7.71	0.16	6.69	10.08	2.64	0.85	0.11
0.89	5.66	0.16	1.28	6.95	1.5	1.27	0.18
1.72	8.46	0.22	5.69	5.52	5.44	0.11	0.19
0.01	6.75	0.16	2.79	2.03	4.56	2.11	0.28
0.36	5.84	0.12	1.52	2.41	4.41	2.01	0.23
0.93	1.74	0.07	1.08	1.78	4.72	2.88	0.07
1.68	2.54	0.13	1.5	0.93	5.4	1.43	0.23
1.34	1.04	0.04	0.49	0.5	6.03	0.8	0.1
1.19	1.83	0.06	0.72	0.52	6.19	0.1	0.07
0.59	1.51	0.04	0.6	1.01	5.14	1.27	0.05
0.43	1.77	0.04	0.64	0.43	4.43	0.37	0.01
0.75	0.45	0.03	0.15	1.51	1.74	3.81	0.01
0.25	0.41	0.01	0.12	0.66	2.89	2.93	0.01
0.5	0.4	0.03	0.05	0.46	3.4	5.02	0.01
0.4	0.7	0.03	0.06	0.47	3.3	4.84	0.01
0.1	1.1	0.04	0.03	0.47	3.2	4.93	-0.01
0.4	0.9	0.06	0.3	1.5	4.15	3.41	0.03
1.1	7.3	0.15	8.9	12.2	2	0.28	0.06
1.27	1.64	0.07	0.91	3	2.98	3.65	0.11
1.6	2.51	0.09	1.26	3.58	3.11	3.27	0.15
0.45	0.53	0.05	0.21	0.92	2.89	4.66	0.02
3.04	3.59	0.11	2.88	6.51	2.28	2.3	0.21
2.6	7.5	0.22	5.4	9.1	2.3	0.94	0.22
0.8	0.9	0.03	0.4	1.6	3.2	3.95	0.04
0.6	0.5	0.03	0.1	0.9	3.1	4.62	0.02
0.6	0.7	0.04	0.2	1.3	3.1	4.09	0.03
0.4	0.5	0.06	-0.1	0.5	3.2	4.81	0.01
1.8	2.5	0.03	1.3	3.8	3	2.54	0.12
1.4	5.6	0.15	10	7.8	2.1	1.28	0.09
0.5	0.8	0.04	0.3	1.6	3	4.4	0.03
2.4	4.3	0.11	3.9	7.9	2.8	0.73	0.15
2.4	4.3	0.11	3.9	7.9	2.8	0.73	0.15
1.3	3.6	0.07	1.8	4.3	3.7	2.59	0.27
2.9	6.4	0.17	4.3	7.7	2	1.62	0.28
0.5	0.5	0.02	0.2	0.8	3.4	4.31	0.01
0.5	0.9	0.03	0.2	1.4	3.2	4.06	0.03
3	5.5	0.16	5.2	9	1.9	1.39	0.18
3	4.2	0.14	3	6.9	2.5	1.32	0.2
3	4.2	0.14	3	6.9	2.5	1.32	0.2
0.9	1.6	0.08	0.9	2.7	2.8	3.8	0.06
2.6	3.5	0.14	2.8	5.8	2.7	1.94	0.15
2.4	3.8	0.11	2.8	6.3	2.8	1.77	0.14
3.2	4.2	0.16	2.9	5.9	3.6	2.13	0.32
1.3	4.1	0.12	6.3	11.8	2	1.18	0.07
1.5	5	0.14	7.1	11.1	2.8	0.79	0.17
2.3	5.1	0.14	6.7	11.7	2	0.38	0.07
5.6	8	0.19	5.9	11.6	2	0.31	0.45
1.5	2.5	0.07	3.4	14.7	1.2	0.31	0.06
2.1	6.6	0.18	7.9	11.5	2.4	0.4	0.1
2.9	4.2	0.11	3.9	7.3	2.4	1.03	0.12
1.7	2.5	0.1	1	5.1	4	0.22	0.17
1.6	2.1	0.08	1.1	3.8	3.5	1.92	0.11
2.3	3.1	0.12	2.1	5.4	3.5	1.09	0.14
0.9	1.4	0.06	0.6	2.7	3.5	3.05	0.06

5.4	5.8	0.17	4.7	11.8	2.1	0.31	0.25
3.7	6.3	0.2	3.6	8.6	2.9	0.17	0.42
1.4	2	0.08	1	3.4	3.4	2.25	0.09
1.7	4.3	0.1	4.5	5.1	2.2	2.39	0.09
1.6	5.5	0.12	3.9	7.2	2.5	2.2	0.17
1.9	5.5	0.13	3.9	6.9	2.5	2.41	0.19
0.7	1.2	0.05	0.7	2.4	3.7	3.08	0.08
1.6	2.1	0.08	1.5	4.3	3.5	2.15	0.12
0.1	1.1	0.03	0.1	0.9	3	4.37	0.01
1.2	1.3	0.07	0.2	1	4.5	3.86	0.04
1	1.5	0.06	0.2	1.1	4.1	3.79	0.04
0.3	0.7	0.03	-0.1	0.3	3.5	5.06	0.01
0.1	1.1	0.04	0.1	0.8	3	4.36	0.02
0.2	1	0.03	0.1	0.9	3.1	4.48	0.03
0.1	0.2	0.02	-0.1	0.3	3.3	5.38	0.01
0.5	0.2	0.02	-0.1	0.5	3.4	5.07	0.01
0.3	0.9	0.04	0.1	0.7	3.3	4.37	0.02
0.4	0.8	0.03	0.1	0.6	3.2	4.54	0.01
3.7	7.3	0.17	4.4	14	1.2	0.38	0.06
3.4	8	0.18	4.5	13.8	1.3	0.27	0.5
1.7	9.9	0.18	11.1	10.5	1.4	1.79	0.22
1.1	7.5	0.16	9.9	11.4	2	0.36	0.03
1.4	10.4	0.38	3.2	21.1	0.5	0.19	0.5
0.3	1.9	0.05	0.4	1.6	2.9	4.3	0.08
0.3	1.7	0.04	0.4	1.7	3.3	4.51	0.05
3.3	3.2	0.11	1.8	4.8	3.95	2.37	0.32
1.8	3.6	0.1	7.9	15.6	0.9	0.2	0.06
2.5	4.2	0.13	2.9	7	2.5	1.96	0.26
2	5.2	0.16	13.6	17.8	0.6	0.17	0.03
1.8	3.1	0.12	1.9	5.1	2.3	2.61	0.15
0.7	2	0.09	1	3.5	2.3	4.03	0.12
2.2	7.4	0.18	6.3	11.4	2.7	0.47	0.1
1.2	2.6	0.09	1.5	4.3	3.5	1.76	0.14
2.1	4.6	0.12	3.1	6.3	2.7	2.15	0.16
1.1	2	0.16	1.4	5.6	2.9	2.68	0.09
3.1	6.3	0.17	5	9.6	2.9	0.65	0.24
1.2	2.1	0.1	1.1	3.8	3	2.38	0.14
1.8	2.5	0.11	1.5	4.4	3.2	2.04	0.15
2.4	6.3	0.16	7.4	10.1	1.3	0.95	0.15
2.2	8.5	0.18	6.7	10.8	2.8	0.39	0.13
2.9	9.9	0.21	6.3	12	2.3	0.33	0.17
2	9	0.18	7.6	12	2.2	0.33	0.12
3.3	8.9	0.18	6.4	10.4	3.4	0.9	0.58
2.3	9	0.21	14.4	13.8	0.6	0.54	0.05
0.8	3.7	0.05	1.7	4.1	3.44	1.74	0.17
0.6	2.7	0.08	1.2	3.7	2.29	2.47	0.13
3.1	8.6	0.17	6.7	9.8	2.6	0.45	0.25
2.9	8.4	0.13	5.5	5.9	4.6	0.41	0.33
0.7	0.4	0.04	0.1	0.7	3.2	4.91	0.02
0.3	0.8	0.05	0.1	0.6	3.61	4.54	0.01
0.6	1.5	0.04	0.4	1.7	3.29	4.31	0.04
0.4	1.1	0.05	0.2	0.9	3.44	4.34	0.03
0.4	2.4	0.05	0.6	2.5	3.39	3.13	0.09
1.9	3.1	0.11	2.1	5.5	3.11	1.98	0.14
6	7	0.22	6.3	11.9	1.48	0.15	0.25
1.6	2.8	0.08	1.6	4.2	3.2	3.3	0.16

0.7	0.9	0.04	0.3	1.7	3.54	3.46	0.03
2.3	3.4	0.11	2.4	5.8	3.05	1.87	0.16
0.1	1	0.09	0.2	1.4	4.27	2.95	0.07
0.5	0.8	0.04	0.3	1.6	3.58	4.57	0.03
1.8	2.6	0.11	1.7	4.1	3.05	2.99	0.14
1.4	2.9	0.1	1.6	4.3	2.86	2.79	0.1
1.5	2.5	0.08	1.5	4.1	3.12	3.34	0.11
1.4	2.7	0.09	1.6	4	3.01	3.5	0.11
0.7	1.7	0.05	0.8	2.7	3.24	3.88	0.09
2.2	5	0.12	3.8	7.1	2.7	1.91	0.24
2.1	3.9	0.11	2.7	5.6	2.52	2.51	0.09
4.5	5.1	0.16	4.6	11.2	1.91	0.41	0.22
1.5	2.2	0.08	1.4	3.8	3.06	3.11	0.09
0.7	0.6	0.03	0.1	0.8	3.82	3.97	-0.01
0.9	1.8	0.08	0.8	2.6	3.33	3.77	0.08
2.9	1.8	0.1	1.8	5	3.21	2.39	0.11
-0.1	3.1	0.06	1.2	2.9	3.03	4.04	0.08
2	3.8	0.11	2.8	6.2	3.28	2.19	0.19
0.6	3	0.06	0.9	2.7	2.84	3.52	0.11
2.5	4.4	0.13	3.4	6.9	2.79	2.03	0.19
0.8	1.5	0.08	0.7	2.2	3.33	4.18	0.06
0.2	1	0.02	0.1	0.8	3.29	4.88	0.02
5.8	7.4	0.17	4.5	14.2	3.44	0.74	0.37
0.5	2.4	0.07	0.7	2.8	3.37	2.44	0.09
0.9	3.9	0.05	1.6	4.5	3.09	2.08	0.18
1.7	5.2	0.12	3.6	6.7	2.54	2.39	0.15
0.9	3.5	0.08	2.8	4.1	2.38	2.99	0.07
0.3	2.3	0.04	0.7	3.1	3.75	1.51	0.06
0.2	0.4	0.04	0.1	0.6	3.84	4.23	0.06
0.1	1.6	0.03	0.6	0.3	4.22	3.8	0.01
0.2	0.4	0.22	0.1	0.3	4.45	3.93	0.01
0.2	1.2	0.04	0.2	0.8	3.25	4.46	0
0.3	1	0.04	0.1	0.5	3.69	4.55	-0.01
1.9	2.2	0.05	1.8	4.1	4.16	2.97	0.19
1.9	2.3	0.06	1.6	3.7	4.05	2.95	0.18
0	11.25	0.21	9.37	10.68	2.58	0.56	0.07
0	10.88	0.2	7.5	8.9	2.77	1.55	0.36
0	12.36	0.24	23.58	6.09	0.33	0.36	0.12
0	9.13	0.17	7.92	9.43	3.34	0.94	0.2
1.08	1.23	0.03	0.99	2.46	4.1	3.17	0.09
0.8	1.01	0.05	0.49	2.57	4.5	2.2	0.06
1.18	1.45	0.03	0.73	2.48	4.3	2.39	0.06
2.41	3.48	0.11	2.5	5.81	2.56	2.44	0.16
1.28	2.38	0.07	4.38	15.13	1.4	0.47	0.02
1.75	2.22	0.11	1.05	3.95	3.64	1.92	0.16
2	2.34	0.13	1.92	4.84	2.96	1.84	0.16
1.12	2.68	0.07	2.51	4.61	2.54	2.99	0.08
4.36	4.95	0.19	5.38	9.3	1.69	1.12	0.14
2.44	3.41	0.11	2.87	5.82	3.04	2	0.14
2.61	4.5	0.12	3.44	6.35	3.64	2.14	0.32
4.07	4	0.26	3.55	6.76	3.23	2.48	0.4
2.65	2.84	0.11	2.4	4.74	4.23	2.59	0.26
3.51	3.78	0.17	3.07	6.06	3.6	2.15	0.36
2.11	3.12	0.1	2.32	4.6	4.23	2.64	0.26
2.83	4.11	0.12	3.24	6.17	3.55	2.28	0.3
2.29	3.07	0.12	2.69	5.65	2.96	2.16	0.16

2.94	3.77	0.11	3.2	6	3.79	1.88	0.31
1.67	2.26	0.08	1.74	4.21	2.92	2.97	0.12
0.7	0.74	0.04	0.44	2.08	3	3.65	0.06
0.63	0.74	0.06	0.34	1.37	3.46	4	0.06
1.79	2.08	0.1	1.96	4.26	3.09	2.48	0.13
1.59	1.14	0.05	0.71	2.15	3.43	4.18	0.11
1.05	1.24	0.04	0.45	1.54	3.07	4.62	0.05
0.77	0.78	0.03	0.17	0.84	3.1	4.79	0.02
1.18	1.79	0.05	0.58	1.97	2.86	4.07	0.08
0.95	0.49	0.05	0.09	0.51	3.32	4.83	-0.01
0.81	0.7	0.03	0.17	0.88	3.2	4.72	0.02
2.14	1.94	0.1	1.51	4.76	3.02	1.69	0.16
2.23	2.46	0.12	2.01	5.19	3.03	1.75	0.15
1.12	2.12	0.06	1.1	3.46	3.07	1.89	0.11
3	2.44	0.11	1.96	5.26	2.57	1.81	0.15
0.64	0.44	0.05	0.23	1.04	3.11	4.65	0.01
2.43	2.38	0.09	1.72	4.81	2.79	2.21	0.15
4.51	4.49	0.18	2.67	6.88	3.3	1.65	0.44
1.49	1.79	0.09	0.71	2.92	3.44	2.57	0.1
2.02	3.12	0.09	2.58	5.16	2.78	3.03	0.11
1.28	1.07	0.06	0.61	2.39	3.13	3.22	0.05
1.07	1.19	0.06	0.63	2.52	3.26	3.08	0.06
1.8	1.8	0.08	1.1	3.51	3.38	2.04	0.1
1.72	1.75	0.08	1.09	3.55	3.53	2.1	0.09
1.95	2.62	0.12	1.68	5.2	2.9	1.67	0.17
5.33	4.62	0.17	3.56	9.87	1.99	1.91	1.04
1.77	3.95	0.1	4.21	5.6	2.15	2.41	0.09
1.88	7.59	0.22	8.21	13.11	1.68	0.22	0.08
3.68	4.11	0.16	3.2	7.41	2.17	1.09	0.21
1.91	2.07	0.11	1.59	3.88	2.99	2	0.12
8.68	3.96	0.15	5.8	12.87	1.45	0.2	0.06
2.24	3.14	0.09	2.86	5.63	2.88	2.7	0.13
2.71	6.16	0.16	5.9	10.41	2.36	0.78	0.14
2.18	4.42	0.12	3.21	6.41	3.07	2.41	0.17
2.46	3.54	0.12	2.52	5.4	2.9	2.36	0.14
0.48	0.3	0.02	0.12	0.89	2.33	5.98	0.01
1.16	1.09	0.06	0.58	2.09	3.15	3.4	0.05
2.55	5.85	0.15	8.72	13.62	1.81	0.31	0.08
2.61	1.74	0.18	1.18	4.95	3.69	2.78	0.22
2.35	2.26	0.11	1.87	5.05	2.94	1.78	0.15
1.89	5.85	0.15	14.28	14.07	0.93	0.37	0.07
3.35	6.84	0.17	5.12	9.29	3.3	0.94	0.27
0.9	1.05	0.06	0.61	2.45	3.09	3.44	0.05
1.26	6.2	0.15	9.41	14.32	1.19	0.95	0.12
7.98	11.1	0.21	11.88	12.68	0.82	0.21	0.06
0.3	0.28	0.08	0.11	0.67	3.6	4.8	0.01
0.7	0.73	0.07	0.41	1.6	3.1	4.34	0.04
0.38	0.34	0.09	0.11	0.67	3.46	4.73	0.01
0.6	0.45	0.06	0.32	1.25	3.46	4.19	0.03
2.61	4.44	0.13	3.73	6.84	2.57	1.52	0.15
4.32	7.57	0.22	5.6	10.74	2.21	0.09	0.28
0.9	1.06	0.07	0.61	2.32	3.06	3.98	0.06
0.93	0.43	0.04	0.34	0.6	3.5	4.91	0.05
1.5	1.08	0.07	0.71	1.92	4.26	4.52	0.12
0.96	0.3	0.05	0.26	0.53	3.57	4.97	0.03
1.27	0.9	0.07	0.54	1.18	4.16	4.65	0.1

1.32	0.97	0.07	0.63	1.55	4.18	4.56	0.11
2.02	2.81	0.09	2.29	4.52	2.8	2.77	0.11
3.74	4.98	0.13	3.85	10.14	2.33	0.7	0.24
4.29	7.76	0.2	6.02	11.19	1.91	0.25	0.29
2.94	7.26	0.16	6.74	10.92	2.28	0.55	0.17
1.26	1.53	0.06	1.06	2.97	3.25	3.35	0.09
1.45	1.74	0.07	1.17	3.26	3.25	3.4	0.11
2.31	5.71	0.13	8.33	12.43	1.47	0.16	0.06
2.07	4.99	0.15	6.94	9.8	2.14	1.39	0.26
2.66	3.34	0.07	2.24	6.98	3.92	1.84	0.31
2.07	3.17	0.1	2.68	5.74	2.93	1.92	0.1
2.08	3.46	0.1	2.88	6.11	2.93	1.76	0.1
1.65	2.27	0.1	1.6	4.26	3.44	1.92	0.08
3.88	3.31	0.15	2.7	6.83	3.48	1.41	0.35
0.7	0.41	0.1	0.49	0.69	4.9	2.39	0.05
1.91	2.67	0.1	1.84	4.34	3.76	1.51	0.09
2.44	3.39	0.12	2.44	5.69	3.43	1.43	0.13
2.02	2.52	0.08	2.07	5.54	3.07	1.07	0.12
1.92	2.84	0.1	2.32	5.02	3.24	2.21	0.13
1.82	2.14	0.09	1.75	4.52	3.51	2.21	0.1
2.69	4.84	0.12	3.57	7.17	2.99	1.41	0.17
2.39	3.81	0.11	3.19	6.52	2.88	1.35	0.14
2.05	2.94	0.1	2.52	5.35	3.03	2.03	0.11
1.82	2.46	0.09	2.02	4.66	3.04	2.3	0.1
2.45	3.55	0.11	2.88	5.57	2.8	1.99	0.12
2.08	2.85	0.09	2.34	5.06	2.82	2.4	0.1
1.76	2.69	0.09	2.19	4.41	3.03	2.9	0.09
2.23	3.23	0.1	2.61	5.26	2.8	2.24	0.1
1.97	3.12	0.11	2.53	5.16	2.83	2.54	0.1
2.17	2.73	0.09	2.28	5.26	3.29	2.03	0.12
3.8	5.04	0.15	4.48	7.81	3.58	1.47	0.39
2.89	2.41	0.1	2.27	4.51	3.58	3.09	0.19
1.85	2.81	0.09	2.08	4.28	3.41	3.42	0.17
2.33	2.7	0.09	2.27	4.55	3.47	3.24	0.18
2.23	3	0.1	2.35	5.22	3.08	2.51	0.12
1.52	2.03	0.08	1.65	4.22	3.4	2.47	0.1
1.91	3.43	0.09	2.87	5.51	2.79	2.99	0.11
1.89	4.06	0.11	3.2	5.88	2.76	3.12	0.12
0.79	2.4	0.07	2.1	3.75	3.75	1.81	0.09
0.74	1.98	0.04	1.33	3.53	3.7	1.61	0.05
0.54	1.79	0.04	1.44	4.09	3.65	1.45	0.04
0.76	1.99	0.05	1.48	4.02	3.81	1.56	0.1
0.97	3.34	0.07	3.31	5.8	2.59	1.5	0.1
0.51	0.67	0.05	0.31	1.21	3.28	4.3	0.02
2.32	2.92	0.1	2.64	5.23	2.24	2.58	0.18
2.23	2.73	0.09	2.35	5.22	2.94	2.23	0.12
0.29	0.29	0.32	0.14	0.28	4.32	4.05	0.05
1.75	5.49	0.12	14.49	15.81	0.63	0.15	0.03
5.27	6.99	0.15	7.86	13.74	1.03	0.1	0.03
0.66	0.88	0.08	0.41	1.06	4.39	4.31	0.06
1.89	2.67	0.12	1.98	4.96	3.07	1.83	0.16
1.01	1.11	0.06	0.03	1.26	4.4	2.77	0
0.17	0.24	0.02	0.35	0.79	3.91	4.48	0.05
0.88	0.25	0.01	0.23	0.15	4.17	4.83	0
0.46	0.48	0.04	0.51	1.68	3.96	3.32	0.03
0.36	0.76	0.04	0.54	1.45	4.36	3.4	0.02

0.06	0.36	0.13	0.28	0.46	4.8	3.25	0.01
0.05	0.27	0.01	0.26	0.98	4.17	4.09	0
0.57	1.02	0.05	0.78	1.78	4.41	3.3	0.04
0.63	0.95	0.04	0.8	1.91	4.44	2.85	0.04
0.69	0.8	0.05	0.69	2.35	4.14	2.77	0.05
0.09	0.26	0.03	0.34	0.72	3.62	4.23	0.04
0.44	0.66	0.06	0.54	1.46	4.22	3.65	0.07
0.51	0.54	0.05	0.53	1.28	4.36	3.6	0.03
0.8	1.08	0.07	0.84	2.84	4.48	2.29	0.1
0.19	0.59	0.05	0.45	1.74	3.95	3.46	0.02
0	0.37	0.03	0.26	0.64	4.12	4.52	0
0.42	0.45	0.07	0.46	1.22	4.18	3.62	0.04
0.46	0.51	0.08	0.48	1.35	4.19	3.22	0.14
0.05	0.29	0.05	0.29	0.53	4.09	4.55	0.1
0.61	0.57	0.04	0.61	1.74	4.2	2.8	0.04
0.66	0.77	0.03	0.67	1.98	4.51	3.03	0.04
0.48	0.78	0.04	0.61	1.86	4.27	2.98	0.04
0.38	0.5	0.03	0.48	1.63	4.24	3.69	0.02
0.41	0.74	0.04	0.59	1.54	3.79	3.89	0.02
0.48	0.44	0.05	0.52	1.42	3.93	3.93	0.06
0.2	0.83	0.03	0.58	1.55	4.46	3.7	0.03
0.2	0.83	0.03	0.58	1.55	4.46	3.7	0.03
0.76	1.5	0.05	0.73	1.58	4.31	3.74	0.09
0.56	0.64	0.03	0.54	1.49	4.46	3.37	0.02
0.38	0.94	0.02	0.64	2.18	3.72	3.16	0.05
0.53	0.42	0.01	0.38	1.23	4.94	2.86	0.06
0.58	0.89	0.02	0.62	2.53	4.43	2.27	0.01
1.09	0.74	0.02	0.56	1.21	4.38	4.01	0.07
0.75	1.17	0.01	0.92	1.99	6.06	1.13	0.06
0.99	1.41	0.02	0.99	2.51	5.35	1.73	0.11
0.77	0.88	0.04	0.74	1.55	4.77	2.8	0.03
0.84	0.92	0.04	0.78	1.52	4.97	2.93	0.04
0.45	0.47	0.04	0.53	1.12	4.56	3.22	0.04
0.74	0.44	0.02	0.5	1.24	3.81	3.54	0.06
0.86	2.01	0.02	1.03	2.74	4.48	2.17	0.02
1.11	1.62	0.03	1.08	3.03	4.24	2.18	0.12
1	3.4	0.07	1.6	4.1	3.46	2.27	0.27
1.4	2.9	0.1	1.6	4.3	2.86	2.79	0.1
2.5	5.15	0.13	4.1	8.03	3.54	1.35	0.32
0.02	0.39	0.18	0.28	0.31	4.09	5.04	0
1.04	1.47	0.07	1.01	2.23	5.43	1.38	0.06
0.24	0.22	0.01	0.35	0.91	3.84	4.84	0.09
4.42	4.28	0.62	4.13	0.56	1.27	5.29	0.39
4.38	3.36	0.04	4.32	0.49	1.32	10.21	0.2
4.18	3.76	0.08	4.78	2.55	2.29	5.09	0.28
6.49	2.6	0.07	2.36	0.06	0.32	5.71	0.05
4.44	2.16	0.14	3.45	0.16	0.25	5.51	0.11
4.24	5.6	0.19	8.55	12.16	2	1.45	0.18
0.14	0.36	0	0.36	0	0.52	3.47	0.03
3.5	3.9	0.14	3.4	5.6	3	2.54	0.24
1.8	1.4	0.08	1.7	2.3	3.5	2.08	0.14
1.6	3.4	0.16	0.9	2.5	4.1	3.64	0.16
0.7	1	0	0.1	0.3	3.9	4.68	0
1.1	1.1	0.02	0.2	0.4	4	4.7	0
0.9	1.2	0.04	0.1	0.4	4.1	4.88	0

1	2.2	0.04	0.1	0.4	3.8	4.62	0
0.6	3	0.04	0	0.4	3.2	5.6	0
1.3	2.3	0.06	0.5	1.6	4.7	3.84	0.08
0.4	0.8	0.04	0.3	1.3	4	3.56	0.12
1.3	0.4	0.04	-0.1	-0.1	1.8	5.84	-0.02
0.4	1	0.04	0.4	1.6	4.1	3.5	0.1
0	0.83	0	0	0	2.92	2.49	0
0.56	0.63	0.04	0.2	1.22	3.68	3.51	-0.01
0.3	0.8	0.06	0.2	1.2	4	3.64	0.12
1.54	0	0.02	0.04	0.08	1.75	5.69	0.11
0.7	1.2	0.04	0.6	1.8	4.9	2.62	0.04
0	1.39	0	0	0	3.49	2.74	0
0.94	1.06	0.04	0.55	1.82	4.59	2.55	-0.01
3	7.8	0.16	11.3	7.9	3.4	1.52	0.64
0.5	0.7	0.02	0.4	1.3	4.3	4.02	-0.02
0.58	0.65	0.02	0.28	1.31	3.95	3.96	-0.01
0.6	1.3	0.04	0.7	1.9	4.7	2.3	0.04
0.5	1.2	0.02	0.6	2	4.8	2.16	0.04
0.84	0.94	0.03	0.57	2.08	4.66	2.26	0.02
1.89	0	0.03	0.57	2.08	4.66	2.26	0.02
0.7	1.3	0.04	0.7	2.1	4.7	1.76	0.02
2.4	3	0.08	1.9	2.7	5.5	1.68	0.12
0.5	1.2	0.04	0.6	1.9	4.8	2.26	0.06
1.2	1.6	0.04	0.9	2.6	5.6	1.8	0.1
2.86	0	0.04	0.85	2.73	5.47	1.92	0.04
3.1	2.1	0.02	0.2	1.8	5.3	0.56	0.12
5.42	0	0.03	0.19	1.79	5.14	0.55	0.14
2.1	2.8	0.06	1.8	2.7	5.3	1.8	0.12
0.6	1.1	0.04	0.5	1.8	4.7	2.52	0.04
0.8	0.89	0.04	0.52	1.84	4.73	2.68	0.1
1.7	2.4	0.08	1.4	2.2	4.8	2.96	0.12
2.2	2.7	0.06	1.7	2.8	5.5	1.46	0.12
0.5	0.4	0.04	0.2	0.6	4.1	3.5	0.04
0	0.63	0	0	0	3.01	2.69	0
0.4	0.46	0.04	0.15	0.57	4.1	3.75	0.1
0.8	1.2	0.04	0.5	2.3	4.1	2.92	0.04
0	1.4	0	0	0	3.1	2.12	0
0.9	1.01	0.04	0.48	2.38	4.17	3.12	0.09
1.4	0.5	0.04	0.5	0.8	3.1	4.88	0.06
-0.1	0.7	-0.02	0.6	1.5	7	1.28	0.1
0.81	0	0.01	0.56	1.46	6.99	1.36	0.1
0.81	0	0.01	0.56	1.46	6.99	1.36	0.1
2.8	2.1	0.08	1.5	6.2	4.7	0.72	0.28
0	3.43	0	0	0	3.53	-0.2	0
4.82	0	0.08	1.5	6.21	4.78	0.74	0.13
0.5	1.2	0.04	0.6	2.1	4.5	2.4	0.04
0.3	1.8	0.02	0.6	2.8	7.3	1.1	0.12
2.2	2.5	0.06	1.7	2.6	5.5	1.56	0.1
2.11	2.37	0.06	1.71	2.69	5.34	1.61	0.07
0.7	2.1	0.04	0.5	1.5	4.2	3.52	0.12
0	2.1	0	0	0	3.04	2.58	0
1.2	1.4	0.04	0.8	2.1	5.1	2.44	0.06
1.19	1.34	0.05	0.82	2.21	5	2.57	0.09
0.8	1.9	0.04	0.7	2.3	5.5	1.32	0.04
0.6	1.7	0.04	0.4	2.1	5	2.1	0.06
0	1.68	0	0	0	3.69	2.52	0

0.3	1.5	0.04	0.3	0.8	4.2	3.46	0.08
0.91	1.02	0.04	0.24	0.84	3.98	3.5	0.08
0.4	0.9	0.04	0.4	1.4	4.4	2.78	0.06
1.1	1.8	0.04	0.9	2.9	4.3	2.42	0.1
1.6	2.6	0.08	1.6	4.2	2.8	3.29	0.12
0.4	1.8	0.06	-0.1	1.2	4.58	2.84	-0.02
0.3	1	0.04	0.1	0.8	3.3	4.74	-0.02
1.79	2.08	0.1	1.96	4.26	3.09	2.48	0.13
1.96	2.31	0.09	1.87	4.1	2.8	3.1	0.1
1.96	2.31	0.09	1.87	4.1	2.8	3.1	0.1
1.94	3.18	0.12	2.19	6.16	3.23	1.14	0.17
0.75	0.73	0.05	0.36	1.43	3.21	4.03	0.03
4.73	7.86	0.23	4.72	7.83	3.41	1.05	0.47
0.9	1.5	0.06	0.9	3.3	3.2	3.18	0.08
2	3.1	0.11	2.1	5.2	2.9	2.16	0.13
2.3	3.6	0.11	2.5	5.4	2.8	2.3	0.16
1.3	2.1	0.08	1.3	4	3.1	2.72	0.11
1.7	2.9	0.1	1.8	4.7	3.2	2.22	0.13
2.1	3.3	0.1	2.5	5.2	2.7	2.63	0.2
2.4	4.1	0.12	2.8	5.8	2.4	2.34	0.14
2.4	5.1	0.14	3.6	7.1	2.4	1.98	0.17
1.5	2.8	0.09	1.7	4.4	2.8	3.1	0.12
2.7	4.3	0.13	3.4	6.8	2.7	2.18	0.28
2.6	4.3	0.14	3.1	6.7	3.1	1.63	0.19
0.4	0.6	0.02	0.3	1.35	3	4.56	0.03
1.1	1.7	0.08	1	3.8	3.1	3.01	0.08
1.8	2.8	0.09	1.9	4.6	3	2.24	0.12
1.7	2.6	0.1	1.5	4.6	3.4	2.03	0.13
2.1	3.9	0.12	2.3	10.5	2.2	0.97	0.29
2.8	4.9	0.15	3.3	9.9	2.2	1.14	0.38
2	3.2	0.11	2.2	5.3	2.8	2.21	0.14
1.7	3.1	0.1	2	5	3	2.21	0.12
1.7	3.3	0.1	2.1	5.2	2.9	2.23	0.13
0.7	1.4	0.04	0.8	2.6	2.5	4.23	0.04
2.8	4.4	0.13	3.4	6.9	2.7	1.47	0.16
1.8	3.2	0.1	2	5.3	2.9	2.27	0.13
0.8	1.1	0.08	0.6	2.4	3.1	3.7	0.08
2.9	4.5	0.14	3.5	7.2	2.8	1.33	0.16
0.9	1.3	0.08	0.7	2.7	3	3.79	0.09
0.4	0.8	0.04	0.1	0.7	3.9	3.99	0.02
0.8	0.6	0.06	0.4	1.2	4	3.55	0.06
0.7	0.7	0.06	0.4	1.4	4	3.64	0.06
0.6	1.3	0.05	0.4	2.5	3.3	3.27	0.03
1.9	3.6	0.1	2.2	5.5	2.4	2.35	0.15
1.7	2.7	0.1	1.7	5	2.9	2.26	0.12
1.1	1.2	0.08	0.7	2.8	3.1	3.86	0.1
1.6	2.9	0.11	1.7	4.5	3.42	2.23	0.11
0.5	0.6	0.05	0.1	0.7	3.3	4.93	-0.01
0.5	0.6	0.03	0.1	0.6	3.55	4.92	-0.01
0.6	1.3	0.04	0.5	1.6	4.9	2.5	0.06
0	1.45	0	0	0	3.71	2.41	0
1	1.12	0.05	0.53	1.76	4.76	2.5	0.16
0.4	1	0.02	0.4	1.6	4.2	3.16	0.04
0.3	0.9	0.02	0.3	1.7	4.3	3.28	0.06
0	0.96	0	0	0	3.27	2.82	0
0.64	0.72	0.03	0.3	1.84	4.15	3.25	-0.01

2.1	7.6	0.18	6.9	14	0.5	0.76	0.08
10.45	0	0.2	7.1	13.78	0.54	0.76	0.13
2.2	7.6	0.16	6.1	12.9	0.7	0.52	0.18
1.6	7.9	0.16	4.1	16.7	0.4	0.5	0.08
8.4	9.1	0.24	5	0.1	0.2	7.3	0.2
18.5	0	0.26	5.01	0.12	0.12	7.31	0.03
1.4	1.8	0.04	1	2.8	4.8	1.42	0.06
0	2.27	0	0	0	3.59	1.12	0
1.54	1.74	0.05	1.01	3.08	4.64	1.37	0.12
0.6	1.3	0.04	0.6	2.4	4.9	1.54	0.04
1	1.7	0.04	0.9	2.5	4.4	2.38	0.06
1.6	2.7	0.06	1.5	3.4	4.1	2.36	0.28
4.83	0	0.07	1.46	3.63	3.94	2.26	0.11
0.6	0.2	-0.02	0.2	1.5	5.2	1.94	0.02
2.79	0	0.04	0.73	2.34	4.4	2.86	0.21
0.3	1.5	0.04	0.5	1.9	4.7	2.88	0.1
1.21	0	0.03	0.64	3.74	5.31	1.01	-0.01
0.4	0.8	0.02	0.6	3.7	5.4	1	0.04
0.8	1.2	0.04	0.5	1.9	4.9	2.86	0.1
1.6	2.2	0.06	1.2	2.7	5.3	2.04	0.12
0	2.85	0	0	0	4.03	1.15	0
1.76	1.99	0.07	1.25	2.68	5.06	2.02	0.16
0.9	1.5	0.04	0.7	2.3	4.9	2.52	0.08
1.15	1.3	0.04	0.73	2.32	4.71	2.51	0.01
0.5	1.5	0.04	0.6	2.4	4.2	2.86	0.08
0.7	0.1	0.02	0.1	0.7	4	4.1	0.08
0	0.58	0	0	0	3.17	3.26	0
0.36	0.41	0.03	0.09	0.74	3.88	4.01	0.13
0.6	0.3	0.02	0.1	0.8	3.7	4.56	0.18
0.4	0.9	0.04	0.3	1.5	4.1	3.3	0.08
0.67	0.75	0.03	0.33	1.49	3.89	3.28	0.1
0.2	0.1	-0.02	-0.1	0.5	3	4.12	-0.02
0.27	0	0.01	0.02	0.52	2.94	4.06	0.13
1	1.5	0.04	0.7	2.8	4.1	2.78	0.06
1.3	0.1	-0.02	-0.1	-0.1	1.8	5	-0.02
0.3	0.1	-0.02	0.08	0.2	0.9	6.72	-0.02
0.3	0.8	0.02	0.3	1.5	4.2	3.18	0.06
0.5	0.9	0.06	0.4	1.2	4.2	3.42	0.12
0.68	0.77	0.06	0.36	1.19	4.25	3.55	0.04
0.5	1.3	0.04	0.5	1.8	4.5	3.08	0.1
1.3	1.6	0.06	1	2.3	5.3	1.9	0.1
1.1	1.6	0.04	0.9	2.2	5	2.3	0.08
1.24	1.39	0.05	0.9	2.18	4.89	2.35	0.11
2.3	1.8	0.02	0.2	1.7	5	0.46	0.04
4.25	0	0.03	0.11	1.76	4.67	0.45	0.11
0.9	1	0.04	0.6	2.8	3.7	3.36	0.1
0.92	1.03	0.05	0.59	2.97	3.48	3.29	0.15
0.4	0.7	0.04	0.4	1.1	4.4	3.58	0.06
0.4	1	0.04	0.4	1.1	4.3	3.5	0.06
0.69	0.78	0.05	0.33	1.2	4.07	3.4	0.16
0.2	0.7	-0.02	0.2	1.9	4.8	2.66	0.04
0.9	1.3	0.04	0.7	1.7	5.2	2.72	0.06
0	1.67	0	0	0	3.83	1.48	0
1.07	1.2	0.05	0.65	1.77	4.78	2.65	0.1
0.7	1.1	0.06	0.5	1.4	4.8	3.08	0.04
0.7	0.9	0.04	0.5	1.5	4.6	3	0.06

0.81	0.91	0.05	0.47	1.57	4.3	2.91	0.04
0.8	1.5	0.04	0.7	2.6	4.2	2.8	0.1
1.14	1.28	0.04	0.71	2.77	3.86	2.73	0.11
0.9	1.2	0.04	0.7	2.9	3.7	3.5	0.1
1.6	2.5	0.1	1.3	4.4	3.2	2.48	0.18
0	3.09	0	0	0	2.41	1.8	0
4.33	0	0.11	1.28	4.59	3.08	2.52	0.11
1.7	2.6	0.12	1.3	4.5	3.1	2.48	0.2
4.43	0	0.11	1.33	4.67	3.09	2.55	0.14
2.8	3	0.1	2.3	6.1	3.9	1.06	0.3
6.47	0	0.1	2.42	6.66	3.89	1.1	0.05
2.9	3.3	0.1	2.6	6.3	3.7	1.1	0.3
0	4.58	0	0	0	2.89	1.57	0
6.99	0	0.12	2.65	6.82	3.75	1.12	0.43
1.3	1.4	0.06	0.8	3.6	4.3	1.6	0.14
0	2.05	0	0	0	3.23	1.02	0
3.06	0	0.07	0.83	4.06	4.23	1.61	0.11
0.6	1.3	0.04	0.6	1.4	5	2.58	0.04
0.5	1	0.04	0.4	1.5	4	3.32	0.1
0	1.19	0	0	0	3.09	3	0
1.4	1.8	0.06	1	3.2	3.7	2.72	0.12
2.1	2.7	0.06	1.7	2.5	5.1	1.86	0.1
0.5	1	0.06	0.5	1.8	4.3	3.1	0.06
0.6	1.1	0.04	0.5	2.3	4.3	2.44	0.06
0.97	1.09	0.05	0.49	2.85	4.36	2.47	0.05
0.6	1.1	0.08	0.5	1.9	4.3	2.94	0.1
0.9	1.1	0.02	0.5	1.8	5.6	2	0.06
0	1.59	0	0	0	4.33	2.36	0
2.4	0	0.03	0.47	1.9	5.41	1.96	0.02
1	1.7	0.04	0.8	3.9	4.5	1.04	0.12
1.3	1.5	0.02	0.8	4.3	4.5	0.72	0.1
1.3	0.4	0.04	0.2	0.5	3.3	4.2	-0.02
1.2	2.5	0.06	0.9	3.1	4.2	2.24	0.14
1.6	2.5	0.08	1.4	3	4.6	2.34	0.18
0	3.04	0	0	0	3.48	1.78	0
0	2.02	0	0	0	3.75	2.23	0
2.8	3.7	0.16	3	8.4	3.3	0.74	0.24
6.96	0	0.17	3.03	8.46	3.26	0.7	0.05
3.3	7.3	0.16	7.2	13.8	2.5	0.22	0.12
1.7	0.1	0.02	-0.1	0.3	4.4	3.82	0.02
1.9	0.1	-0.02	0.1	0.2	3	4.66	-0.02
1.3	0.1	0.04	0.1	0.2	3.1	4.58	-0.02
3.5	4.5	0.12	3.2	5.7	3.7	1.32	0.24
0.7	0.1	-0.02	-0.1	0.2	3	4.88	-0.02
1.9	9.9	0.18	7.6	12.1	2.4	0.52	0.18
2	7.8	0.16	7.2	11.4	3.1	0.76	0.24
2.9	9.6	0.2	7.4	9.5	3.2	0.24	0.56
1.1	9.8	0.18	6.6	13.1	2.8	0.24	0.22
2.8	8.1	0.18	7.5	10.1	2.6	0.46	0.12
2.3	7.3	0.3	10.2	12.4	1.5	0.44	0.08
2.7	10.4	0.22	6.7	9.5	1.6	1.4	0.18
2.3	8.5	0.22	6.9	10.9	2.8	0.5	0.22
1.7	6.6	0.14	11.7	11.7	1.9	0.44	0.04
1.7	8.5	0.18	7.7	10.2	3	0.62	0.1
3	8	0.08	4.4	3.5	3.9	1.14	0.46
1.2	2.7	0.1	0.7	8.1	3.4	0.12	0.7

1.5	2	0.14	0.5	8.5	1.3	1.16	0.5
2.6	11.2	0.3	7.4	9	2.8	0.34	0.54
2.4	9.4	0.22	12.3	13.3	1.1	0.78	0.22
5.5	8.6	0.16	6.8	12.3	1.1	0.84	0.04
5.2	6.6	0.16	5	14.4	1	0.34	0.2
2.5	6.4	0.16	3.5	13.9	1.4	0.44	0.02
3.4	14.3	0.36	5.2	13	1.7	1.02	0.52
1.6	9.7	0.3	5.6	19.3	0.7	0.58	0.36
1.7	8.7	0.34	2.8	14.8	2.5	0.46	0.18
3	0.4	0.08	0.4	0.4	7.2	1.56	-0.02
1.7	2	0.06	2.1	2.1	2	2.1	0.16
5	3	0.08	4.6	1.5	1.3	6.1	0.2
3.9	1	0.02	2.4	0.2	0.5	5.06	0.12
5.8	0.3	0.04	1.7	0.4	0.4	5.2	0.14
1.9	0.9	0.02	1.7	0.6	1	3.54	0.1
2.1	0.3	0.04	1.6	-0.1	0.4	4.28	0.06
4.5	1.4	0.04	3.3	0.3	0.4	9.02	0.16
1.5	1	0.02	1.1	0.5	1.5	2.18	0.16
2.3	1.3	0.18	2.1	4	1.5	1.64	0.2
1.2	2.1	0.06	1.5	1.2	2.3	3.02	0.18
1.1	1.5	0.04	1.4	0.8	2.5	3.4	0.12
1.7	2.6	0.08	2.2	3.2	2.1	1.9	0.24
0.4	1.7	0.04	1	1.9	2.5	1.9	0.1
1.5	1.6	0.14	2.6	8.1	0.3	4.2	0.22
1.7	1.8	0.1	2	4	1.8	2.36	0.18
1.2	3	0.04	2.4	1.1	2	4.88	0.18
1.1	5.6	0.08	6.3	4.7	0.8	4.62	0.2
9	8.2	0.3	5.1	9.5	0.9	0.5	0.18
3.9	6.2	0.18	7.4	11.1	2.5	0.74	0.12
2.4	6.6	0.14	7.6	9.7	3.5	0.32	0.06
1.5	4	0.08	3.7	2.5	2.5	3.66	0.18
2.7	7	0.18	7.7	10.8	2.4	0.36	0.1
3.2	9.1	0.22	7.7	10.3	2.8	0.22	0.14
2.6	6.1	0.16	9.1	13.1	2	0.24	0.08
0.6	1.5	0.06	0.6	3.3	4.8	1.64	0.08
2.4	3.2	0.2	1.7	6.5	4.1	1.62	0.32
1.6	2.5	0.08	2.5	3.8	1.7	2.7	0.18
1.5	2.2	0.08	2.2	3.5	2	2.18	0.18
1.9	2.5	0.1	2.8	3.8	1.7	2.52	0.2
1.8	5	0.16	17	12.8	0.5	0.66	0.06
0.3	2	0.04	0.6	1.9	2.9	4	0.08
6.1	2	-0.02	-0.1	0.2	4.3	2.38	0.08
7.3	1.4	-0.02	-0.1	0.6	9.8	0.42	0.18
3.9	7	0.16	5.7	10.9	3	0.48	0.1
2	1	-0.02	0.2	0.7	6.8	0.08	0.02
2	5.6	0.16	10.4	14.4	1.4	0.32	0.04
0.3	0.9	0.02	0.4	1.8	5.4	1.82	0.08
0.6	3.6	0.1	7.6	9.5	1.2	2.5	0.14
1.5	4	0.16	24.5	9.2	-0.1	-0.02	-0.02
1.8	2.7	0.08	28.8	1.8	-0.1	-0.02	-0.02
1.5	4.5	0.18	21.1	11.9	0.5	0.02	-0.02
2.3	6	0.14	5.9	11.3	3.5	0.42	0.06
0.5	2.8	0.04	3.7	0.1	0.4	3.68	0.08
0.4	2.5	0.06	0.7	1.2	1.9	2.34	0.04
2.3	2.3	0.06	1.7	2.6	5.1	1.88	0.1
1	1.2	0.04	0.6	2.1	4.9	2.46	0.04

1.8	6.3	0.18	3.7	6	5	0.9	0.18
0.2	1	0.02	0.6	2.9	6.2	0.88	0.08
2.3	7.5	0.18	8.1	9	2.6	2.1	0.24
3.5	7.6	0.24	6.3	9.9	2.8	1.28	0.2
1.8	4.2	0.13	3.9	9.2	1.7	0.86	0.07
0.4	0.3	0.02	0.1	0.6	3.3	4.67	0.01
0.9	0.4	0.02	0.3	1.1	3.6	3.62	0.06
0.4	0.5	0.38	0.1	0.3	4.6	3.82	0.06
0.6	0.8	0.26	0.4	0.6	4.1	5	0.08
0.5	0.7	0.02	0.2	0.6	3.7	4.78	0.08
0.1	0.6	0.14	0	0.4	4.1	4.04	0.04
0.4	0.2	0.12	-0.1	0.5	4.3	3.8	-0.02
0.5	0.9	0.52	0	0.5	4.5	3.04	0.08
0.3	1.7	0.46	0.1	0.6	4.9	3.38	0.08
0.3	0.5	0.02	0.1	0.5	4.3	5.02	0.06
0.5	1.2	0.32	0.1	0.3	5.2	3.58	0.1
2	7.8	0.22	15.9	10.4	0.4	0.58	0.02
0.3	0.6	0.3	0.1	0.3	4.8	4.06	0.16
0.4	0.7	0.2	0.2	0.3	4	6.28	0.08
2.3	6.9	0.18	8.5	12.6	0.7	0.22	0.02
1.5	2.3	0.08	1	3.9	2.9	2.16	0.08
0.2	0.8	0.1	0	0.8	4.1	4.8	0
0.7	2	0.08	0.4	1.6	3.5	4.04	0.1
0.3	0.8	0.02	0.2	0.4	3.6	5.5	0.08
0.3	0.8	0.16	0.1	0.3	4.6	4.04	0.12
2.4	4.7	0.12	3.3	4	5.2	2.14	0.38
-0.1	0.4	0.04	0.1	0.6	3.3	4.92	0.06
0.3	0.2	0.08	0.1	0.6	3.8	4.2	0.06
0.4	0.1	0.02	0.1	0.6	3.6	4.72	0.06
2.2	4.2	0.14	2.6	5.9	3.9	2.1	0.36
0.2	0.4	0.18	0.2	0.4	4.6	3.66	0.06
0.2	0.4	0.04	0.1	0.5	4.2	4.18	0.04
0.3	0.4	0.08	0.1	0.5	4.2	4.1	0.02
0.3	0.4	0.18	0.2	0.4	4.3	3.96	0.12
0.7	0.9	0.06	0.5	2.1	4.3	3.36	0.08
1.3	1.6	0.06	0.7	2.9	3.4	2.3	0.06
0.3	0.2	0.06	-0.1	0.4	4.1	4.4	-0.02
0.4	0.2	0.02	0.2	0.7	4.2	4.02	0.08
0.4	0.1	0.02	0.1	0.5	4.1	4.2	0.06
0.3	0.2	0.1	0.1	0.5	4.1	4.22	0.06
0.6	0.5	0.06	0.4	1.4	4.1	3.44	0.06
0.5	0.7	0.04	0.4	1.5	4.3	3.68	0.02
0.4	0.2	0.02	0.1	0.8	3.7	4.48	0.06
0.7	0.2	0.04	0.2	1.1	3.6	3.64	0.02
2.3	0.1	0.04	0.2	1.9	4.3	3.86	0.1
0.7	0.8	0.06	0.5	1.9	4	3.64	0.06
0.3	0.2	0.04	0.1	0.9	3.8	5.08	-0.02
1.5	1.5	0.08	1.1	3.7	4.2	2.36	0.14
0.3	0.3	0.02	0.2	1.5	3.6	3.8	-0.02
0.7	0.6	0.06	0.3	1.4	3.7	4.14	0.02
0.3	0.3	0.06	0.2	0.5	4.1	4.14	0.04
0.2	0.2	0.04	0.1	0.7	4	4.7	0.04
0.4	0.2	0.14	0.1	0.5	4.2	4.32	0.1
0.4	0.3	0.3	0.2	0.5	4.2	4.08	0.06
0.3	0.3	0.4	0.2	0.4	4.7	3.1	0.04
0.7	1.3	0.08	0.6	3	4.2	2.18	0.1

0.8	1.8	0.06	0.5	2.5	4.3	3.06	0.1
0.4	2.1	0.06	0.6	1.6	4.4	3.62	0.06
0.9	4.2	0.06	0.7	2	4	3.64	0.12
0.5	2.4	0.06	0.3	0.8	4.6	4.1	0.04
1.2	2.1	0.08	0.2	0.5	4.6	4.14	0.04
0.6	0.7	0.04	0.4	1.8	4.2	3.48	0.04
2.4	2.4	0.08	1.1	3.4	3.9	2.46	0.22
1	0.9	0.04	0.4	0.6	3.8	4.54	0.06
0.3	1	0.06	0.4	1.8	4.3	3.26	0.04
2.4	5.6	0.14	6.4	13.3	4	0.3	0.18
2.9	6.1	0.18	7.6	10.1	4.6	0.38	0.18
1.1	1.1	0.04	0.2	1.3	3.8	4.28	-0.02
0.4	0.7	0.04	0.3	2.1	4.3	3.1	0.02
0.5	0.7	0.06	0.3	1.5	4.3	3.54	0.02
0.4	0.3	0.2	0.1	0.3	4.2	4.24	0.02
0.2	0.4	0.06	0.1	0.7	4.5	4.04	0.04
0.9	0.8	0.06	0.6	1.9	4.3	3.28	0.06
0.4	0.3	0.02	-0.1	0.7	4.4	4.28	-0.02
0.9	3.5	0.06	1	3.1	2.4	3.9	0.2
0.2	0.5	0.3	0.1	0.3	4.6	4	0.02
0.9	2.2	0.06	0.6	1.9	3.8	4.06	0.08
1	2.2	0.08	0.6	2	3.9	3.84	0.08
0.3	0.4	0.04	0.1	0.5	4.7	3.36	-0.02
1	1.3	0.06	0.7	2.1	4.6	2.94	0.06
0.7	0.9	0.06	0.6	1.8	4.6	2.98	0.04
0.3	0.2	-0.02	0.1	0.5	4.6	3.98	0.02
0.3	0.3	0.06	0.1	0.5	4.4	3.98	0.02
0.9	1.1	0.06	0.7	2	4.5	3.26	0.06
0.2	0.3	-0.02	-0.1	0.6	3.9	5.4	-0.02
1.1	1.3	0.06	0.7	2	4.5	3.06	0.06
0.4	0.2	0.02	0.1	0.7	4.3	4.04	0.02
2.6	4.6	0.06	4.4	1	2.9	6	0.16
2	1.8	0.12	1.9	4.6	1.2	2.2	0.16
1.8	3.3	0.1	2.5	4.5	2.1	2.22	0.18
-0.1	1.2	0.02	0.2	1.4	2.9	5.52	0.02
2	5.7	0.14	3	2.1	2.3	3.52	0.14
0.2	1.3	0.04	0.2	1.3	3	5.04	0.02
2.2	3.3	0.1	3.3	4.5	2.1	3.32	0.2
0.6	3.3	0.1	1.7	1.9	2.1	3.44	0.06
0.6	4.2	0.14	2	2.5	2.4	2.74	0.06
1.2	4.8	0.1	2.6	2.3	2.4	3.26	0.14
0.8	4.4	0.08	2.5	1.7	1.7	3.46	0.08
1	5.5	0.12	3.6	3.4	1.9	4.78	0.12
0.8	4	0.06	2.5	3.1	2	4	0.16
0.3	0.3	-0.02	-0.1	0.5	3.8	5.1	0.04
0.4	0.4	0.14	0.1	0.6	3.8	4.04	0.08
0.3	0.4	0.24	0.1	0.4	4.8	3.52	0.04
2.5	5.1	0.44	3.1	1.3	1.9	4.1	0.2
2.9	4.1	0.1	2.9	1.6	1.7	3.24	0.2
0.9	4.2	0.06	2.1	1.5	1.8	4.36	0.06
1.2	1.2	0.06	0.7	3.2	4.6	2.28	0.1
1.2	1.6	0.06	0.9	3.4	4.4	2.4	0.12
0.8	0.8	0.06	0.5	1.7	4.3	3.44	0.04
0.7	0.6	0.06	0.4	1.4	4.2	3.72	0.04
1	1	0.04	0.5	2.9	4.6	2.36	0.08
2.4	6.4	0.18	8.9	12.9	2.1	0.42	0.1

3.6	3.5	0.1	2.7	1.7	1.6	3.06	0.2
0.6	1.3	0.06	0.6	2.3	4.2	2.7	0.08
1.6	1.7	0.1	1	3.9	4.2	2.56	0.16
3.2	3.7	0.1	2.8	1.6	1.6	2.96	0.18
2.6	5.7	0.42	3.3	1.4	1.8	3.9	0.06
1.6	7	0.16	5.5	10.6	4.4	0.26	0.14
2.4	7.1	0.18	6.3	17.4	1.3	0.52	0.18
3.5	4.4	0.2	5.7	19.4	1.1	0.1	0.16
0.5	0.7	-0.02	2.4	0.3	1.5	3.22	-0.02
5.4	5.9	0.18	23.9	6.4	0.3	0.08	0.04
0.4	0.3	-0.02	0.2	0.1	3.3	4.78	0.02
1.71	5.84	0.12	2.96	2.11	2.19	3.6	0.14
1.01	1.27	0.05	0.71	2.12	4.39	3.02	0.05
0.77	0.8	0.05	0.56	1.83	4.33	3.03	0.03
0.3	1.15	0.03	0.19	1.33	2.95	5.11	0.02
1.25	1.13	0.05	0.69	3.34	4.54	2.32	0.1
1.42	1.71	0.1	0.96	4	4.08	2.63	0.15
1.47	1.44	0.08	1.1	3.75	3.99	2.4	0.13
0.77	0.85	0.06	0.5	2.11	4.13	3.42	0.07
0.69	0.55	0.04	0.39	1.52	4.17	3.76	0.03
0.4	0.26	0.16	0.15	0.35	4.42	3.74	0.06
2.12	3.27	0.09	3.35	4.62	2.08	3.38	0.19
0.5	0.05	0.02	0.1	0.7	4.07	4.08	0.02
0.54	0.07	0.02	0.16	0.67	4.09	4.09	0.09
0.38	0.17	0.13	0.14	0.44	4	4.42	0.09
0.46	0.2	0.38	0.14	0.37	4.54	3.17	0.04
1.04	5.41	0.11	3.56	3.44	1.78	4.87	0.12
0.69	3.52	0.06	1.04	3.2	2.36	3.95	0.2
0.42	0.29	0.28	0.1	0.24	4.3	4.09	0.02
0.3	0.23	0.05	0.07	0.49	4.29	4.19	0.04
0.42	0.29	0.22	0.12	0.34	4.59	3.6	0.04
0.43	0.66	0.04	0.25	2.08	4.16	3.15	0.03
0.57	0.65	0.06	0.22	1.51	4.1	3.61	0.02
2.8	0.5	0.08	1	3.2	2.5	2.48	0.16
2.5	0.3	0.08	0.4	1	2.2	4.6	0.1
2.6	0.1	0.06	0.2	0.1	0.2	7.12	0.12
3.3	6.3	0.18	9.3	11.1	1.2	1.22	0.08
3.8	4.7	0.13	4.1	7.6	3.4	1.54	0.32
2.1	3.1	0.09	2.2	4.4	3.6	3.01	0.21
0.4	0.3	0.01	0.1	0.7	3.2	5.06	0.01
2.4	4.5	0.13	3.9	7.1	2.9	1.13	0.15
2.1	2.8	0.11	2.2	5.4	3.3	1.9	0.13
2.6	4.2	0.13	3.3	6.3	2.9	1.9	0.16
2.3	3.1	0.11	2.4	4.9	3.5	3.03	0.2
2.5	5	0.12	3.2	7.7	3.6	1.65	0.44
1.1	1.7	0.06	1.1	3.1	2.9	3.57	0.06
1.5	1.9	0.11	1.1	4.4	3.1	2.03	0.16
1.4	2	0.12	1.1	4.3	3.6	1.66	0.16
1.7	2.7	0.1	2	4.3	3.15	2.71	0.18
0.4	0.6	0.02	0.1	0.6	3.42	4.63	0
3.3	7.9	0.22	7	11.8	1.62	0.09	0.21
3.1	8.5	0.22	7.4	12.2	1.35	0.17	0.16
0.6	1.3	0.06	0.7	2.1	3.16	3.67	0.05
9.28		0.13	2.96	8.94	2.43	0.29	0.16
8.71	0	0.12	2.96	1.27	6.67	0.55	0.71
8.97	0	0.2	3.31	7.81	3.67	2.93	0.68

8.78	0	0.18	10.06	8.36	3.32	1.79	0.11
9.99	0	0.17	6.02	11.55	2.76	0.22	0.11
11.26	0	0.22	5.06	8.12	2.34	2.51	0.25
14.59	0	0.27	4.52	7.6	3.03	0.74	0.32
13.82	0	0.24	5.5	6.98	2.91	0.62	0.21
14.31	0	0.22	5.59	9.57	2.78	0.73	0.23
7.04	0	0.25	3.81	2.28	4.83	0.61	0.17
7.14	0	0.11	2.15	4.23	3.39	1.43	0.21
7.37	0	0.15	2.02	4.14	6.29	0.33	0.24
3.77	0	0.08	1	1.17	4.38	2.32	0.05
2.64	0	0.03	0.8	0.41	5.69	0.2	0.01
3.22	0	0.06	0.74	0.31	5.23	0.8	0.13
2.35	0	0.04	0.33	0.19	4.82	2.47	0.01
0.65	0	0	0.25	0.03	2.27	6.02	0.01
1.86	0	0.02	0.75	0.46	4.67	2.1	0.04
1.29	0	0.02	0.61	0.34	3.06	4.97	0
3.45		0.03	0.56	0.89	7.55	0.13	0.12
9.5		0.13	3.98	1.12	7.01	0.21	0.15
0.68		0.01	0.07	0.59	5.6	1.13	0.07
9.96		0.17	8.47	6.57	4.09	2.21	0.08
11.56		0.09	3.85	0.08	0.15	1.21	0.03
4.21		0.06	1.05	0.99	5.69	2.71	0.13
3.2		0.09	0.76	1.84	2.32	3.57	0.13
6		0.12	18.74	3.81	0.18	4.24	0.1
1.42		0.18	5.64	29.66	0	0.08	0.04
2.59		0.11	11.77	24.44	0	0.05	0.09
1.16		0.18	14.85	26.42	0.06	0.49	0.04
1.21		0.2	18.5	20.95	0.13	0.06	0.03
2.31		0.17	13.05	17.65	0.26	0.84	0.05
3.88		0.15	17.67	6.76	0.18	3.48	0.04
3.27		0.04	4.76	0.24	0.35	5.3	0.03
2.4		0.02	4.45	0.26	1.61	4.15	0.02
2.6		0.01	4.8	0.31	1.66	3.45	0.02
2.95		0.33	26.86	8.79	0.05	0.01	0.04
10.9		0.01	1.02	0.18	0.07	2.46	0.02
1.25		0.02	0.66	0.82	1.66	4.95	0.1
4.23		0.07	1.47	1.08	2.81	3.9	0.12
2.66		0.04	2.72	0.5	1.75	3.25	0.06
1.73		0.04	0.57	1.45	3.17	4.18	0.07
2.19		0.04	1.01	0.85	3.93	3.63	0.06
0.52		0.01	0.09	0.18	0.35	8.4	0.02
1.72		0.06	1.46	0.38	0.85	7.15	0.02
2.08		0.11	3.04	0.12	2.28	2.44	0.02
12.19		0.02	1.29	0.02	0.1	2.42	0.02
1.7		0.03	2.52	0.4	2.88	2.4	0.02
1.66		0.02	1.68	0.6	3.54	1.88	0.02
2.92		0.07	0.75	1.29	4.8	2.23	0.12
2.53		0.06	1.52	1.2	2.7	4.01	0.01
4.61		0.04	1.33	0.05	0.18	2.74	0.02
8.51		0.04	1.79	0.02	0.14	2.2	0.02
1.84		0.02	0.34	0.43	4.11	2.58	0.04
2.52		0.04	0.9	0.75	5.25	1.58	0.06
8.94		0.26	9.39	8.6	2.52	2.09	0.1
1.82		0.03	0.86	0.66	4.79	2.43	0.07
2.58		0.04	0.98	0.78	4.43	3.42	0.08
1.9		0.05	0.93	0.21	3.26	4.39	0.04

1.71	0.04	0.64	0.16	3.36	3.95	0.03
1.6	0.04	1.63	0.11	1.39	4.45	0.02
1.1	0.01	0.38	0.05	0.46	4.54	0.01
6.07	0.03	1.96	0.04	0.17	3	0.02
1.68	0.03	1.25	0.64	2.03	3.9	0.02
0.89	0.01	0.09	0.27	0.4	7.71	0.02
1.2	0.03	0.71	0.45	0.79	5.15	0.01
6.14	0.09	2.51	0.05	0.23	2.49	0.02
4.32	0.04	2.08	0.01	0.12	3.55	0.02
9.03	0.01	0.57	0.42	0.19	1.71	0.01
7.87	0.22	19.57	3.11	0.02	0.78	0.03
1.16	0.01	0.28	0.25	0.23	5.86	0.02
2.98	0.03	0.18	2.04	4.63	1.75	0.07
3.64	0.06	0.16	2.74	3.11	2.82	0.07
3.09	0.13	3.25	0.54	2.6	3.9	0.08
6.69	0.07	4	0.43	1.11	3.33	0.04
5.13	0.04	0.49	1.65	4.89	0.5	0.53
8.39	0.07	2.83	0.3	1.3	2.74	0.06
4.69	0.04	0.67	2.18	3.02	0.64	0.05
10.4	0.4	5.74	22.8	0.96	0.11	0.08
13.4	0.22	8.16	8.71	3.24	1.18	0.09
5.96	0.01	0.03	0.2	0	0.01	0.02
5.09	0.08	1.14	1.31	5.33	2.28	0.12
7.28	0.27	1.51	13.2	0.06	0.21	0.1
6.37	0.01	0.28	0.32	0.01	1.92	0.01
4.37	0.04	0.38	1.58	3.53	3.62	0.05
4.56	0.05	3.32	0.86	4.01	1.9	0.08
5.05	0.08	2.86	2.01	6.2	0.44	0.29
6.09	0.08	4.95	1.01	3.15	2.8	0.09
4.46	0.05	3.93	0.75	2.09	3.24	0.03
3.92	0.06	1.63	0.82	6.59	0.39	0.2
4.13	0.03	5.77	0.57	1.18	4.18	0.03
5.92	0.05	9.29	0.35	0.51	2.73	0.02
3.58	0.07	1.68	2.05	6.28	1.33	0.12
8.37	0.16	3.82	1.26	1.73	4.25	0.08
5.12	0.11	3.36	0.25	0.64	5.73	0.08
6.09	0.19	3.48	1.85	1.73	3.8	0.07
2.63	0.32	0.4	5.12	0.64	0.72	0.14
7.71	0.17	1.4	1.36	0.18	0.48	0.24
8.1	0.25	5.31	1.98	0.4	0.1	0.34
5.37	0.47	18	11.2	0.26	2.53	0.19
4.82	0.57	19	15.6	0.13	0.58	0.15
5.06	0.32	20.4	11.9	0.01	0.16	0.25
1.71	0.64	17.8	29.3	0	0.05	0.78
2.28	0.4	22.6	12.8	0.03	0.04	0.3
0.67	1.58	15.6	33	0	0.06	0.09
2.99	1.21	20.3	13.5	0.9	0	0.27
1.41	1.16	25.6	14.9	0.07	0	0.11
14.3	0.77	13.6	8.62	0.88	0	0.17
27.9	0.33	16	2.78	0.09	0.44	0.27
41.4	0.15	7.58	1.04	0.04	1	0.05
22.4	0.18	13.1	1.28	0.34	3.74	0.06
23.6	0.15	11.1	1.33	0.32	4.76	0.04
33.8	0.16	11.6	0.93	0.52	1.81	0.03
29.2	0.16	14.6	0.19	0.34	2.13	0.04
37.5	0.12	8.01	0.18	0.38	2.27	0.07

11.5	0.05	1.1	0.12	0.1	2.51	0.02	
5.92	0.03	0.94	0.09	0.06	2.3	0.01	
11.8	0.04	1.01	0.09	0.05	2.41	0.01	
9.04	0.19	17.9	0.26	0.16	9.16	0.02	
9.16	0.04	1.32	0.41	0.14	2.92	0.02	
4.82	0.57	19	15.6	0.13	0.58	0.15	
16.44	0.73	10.42	1.53	1.1	1.87	0.08	99.352
9.86	0.33	2.97	0.49	0.51	2.45	0.03	99.512
9.11	0.19	2.64	0.71	0.72	2.61	0.05	99.392
2.02	0.03	0.24	1.67	4.33	3.4	0.06	
3.24	0.07	1.74	0.59	0.48	6.42	0.15	
8.92	0.18	2.74	6	3.58	0	0.2	
13.82	0.24	5.5	6.98	2.91	0.62	0.21	
8.71	0.19	2.26	4.71	4.74	0.23	0.23	
11.08	0.18	3.45	6.5	4.92	0.69	0.18	
2.3	0.07	1.41	1.13	4.05	1.19	0.05	
2.82	0.06	1.07	0.16	7.21	0.12	0.09	
7.14	0.11	2.15	4.23	3.39	1.43	0.21	
13.72	0.19	3.73	5.39	4.43	1.01	0.33	
3.07	0.03	0.72	0.44	6.92	0.19	0.06	
3.21	0.07	0.59	1.55	5.45	1.75	0.07	
3.15	0.02	0.67	0.07	5.9	0.09	0.01	
1.37	0.01	0.07	0.09	1.96	6.78	0.01	
14.31	0.22	5.59	9.57	2.78	0.73	0.23	
8.97	0.2	3.31	7.81	3.67	2.93	0.68	
1.25	0.02	0.38	0.1	2.64	6.09	0.02	
12.59	0.34	6.47	1.72	1.19	1.82	0.11	99.792
38.05	0.09	0.72	3.09	0.1	0.19	0.08	100.34
6.19	0.16	2.08	0.87	1	3.3	0.02	98.752
6.96	0.12	2.02	2.57	3.94	1.38	0.42	
11.69	0.2	6.82	8.35	4.22	0.3	0.19	
8.42	0.12	2.17	3.17	5.17	0.59	0.6	
0.65	0.01	0.25	0.03	2.27	6.02	0.01	
10.69	0.16	5.27	8.86	2.62	0.54	0.19	
2.62	0.01	0.13	0.24	6.25	0.4	0.01	
9.96	0.16	5.51	10.66	3.13	0.37	0.08	
12.66	0.18	2.82	9.03	4.63	0.27	0.28	
3.87	0.07	0.43	1.04	5.86	0.78	0.13	
1.29	0.02	0.61	0.34	3.06	4.97	0.01	
1.51	0.06	0.52	0.88	2.2	4.77	0.01	
1.14	0.03	0.1	0.04	1.83	0	0.02	
1.57	0.05	0.45	0.12	5.87	0.78	0.01	
12.12	0.23	5.93	9.88	3.79	0.26	0.21	
2.09	0.03	0.68	0.9	2.77	3.6	0.02	
0.68	0.02	1.05	0.24	0.53	5.33	0.02	
2.46	0.13	9.88	0.01	0.12	5.08	0.02	
1.33	0.03	0.45	0.17	2.22	5.42	0.01	
8.78	0.18	10.06	8.36	3.32	1.79	0.11	
1.42	0.05	4.16	0.07	0.08	3.57	0.01	
1.69	0.04	3.94	0.12	1.05	3.92	0.01	
1.4	0.02	3.54	0.12	1.82	2.23	0.01	
1.02	0.01	0.15	0.37	3.99	3.6	0.01	
2.39	0.09	4.24	0.27	0.22	4.73	0.01	
13.46	0.13	5.88	0	0	0.91	0.01	
4.73	0.07	4.35	0.01	0.24	4.15	0.02	
4.93	0.07	3.88	0	0.03	2.5	0.01	

14.36		0.14	4.9	0.11	0.18	2.4	0.02	
3.14		0.05	0.81	0.69	6.22	2.21	0.12	
1.51		0.09	3.13	0.25	0.9	3.4	0.01	
2.23		0.04	1.32	0.7	5.7	0.39	0.05	
1.47		0.03	0.52	1.47	4.1	3.82	0.06	
4.47		0.02	2.91	0	0.12	2.43	0.01	
1.13		0.02	0.76	0.46	4.79	1.82	0.01	
1.79		0.04	0.78	0.1	2.31	3.88	0.01	
0.99		0.08	4.33	1.75	1.57	2.8	0.02	
1.7		0.05	1.12	0.08	0.42	6.36	0.02	
2.17		0.08	1.09	1.75	2.49	3.85	0.01	
1.9		0.06	2.14	3.08	0.84	3.06	0.05	
11.05		0.49	6.7	10.58	3.28	1.15	0.1	
3.18		0.05	0.42	1.11	5.78	2.42	0.12	
0.88		0.01	0.61	0.12	0.37	7.6	0.02	
1.56		0.03	1.19	0.34	0.95	6.33	0.01	
1.17		0.02	0.23	0.33	5.56	0.29	0.03	
2.32		0.06	1.9	3.03	0.59	3.68	0.02	
1.96		0.09	2.51	0.08	0.1	4.41	0.01	
6.95		0.05	2.77	0	0.09	2.14	0.01	
9.18		0.09	3.97	0	0.15	1.51	0.01	
8.62		0.13	6.42	0.01	0.12	1.59	0.01	
5.48		0.01	1.1	0	0.17	3.75	0.01	
3.17		0.04	0.47	0.53	5.56	2.74	0.12	
3.22		0.15	0.53	6.44	1.82	1.52	0.09	
0.6		0	0.08	0.11	0.34	5.87	0.01	
6.91		0.06	2.53	0.08	0.11	2.82	0.02	
4.45		0.04	1.76	0.02	0.16	2.45	0.01	
5.7		0.08	4.7	0	0.09	2.91	0.01	
19.14		0.3	7.79	0.19	0.08	0.93	0.02	
2.8		0.03	1.98	0.28	0.38	3.69	0.05	
10.21		0.1	0.59	14.06	0.06	0.03	0.14	99.57
2.73		0.2	2.32	0.22	0.78	3.36	0.02	100.13
41.3		0.06	1.87	1.58	2.84	2.54	0.03	100.032
10.91		0.19	3.42	7.07	5.27	0.42	0.35	
4.65		0.06	1.47	1.37	6.65	0.81	0.1	
10.05		0.12	3.22	4.87	3.24	0.67	0.13	
8.71		0.12	2.96	1.27	6.67	0.55	0.71	
8.16		0.23	2.13	2.51	4.5	1.23	0.65	
1.28		0.01	1.12	0.14	5.7	0.33	0.01	
7.22		0.03	4.44	1.04	8.14	0.11	0.7	
1.62		0.03	0.37	0.73	2.68	5.21	0.01	
13.72		0.34	6.94	4.01	2.5	2.06	0.35	
5.82		0.12	1.13	1.4	3.49	4.86	0.61	
1.8	2.5	0.04	1.7	3.59	3.3	2.56	0.11	
2	4.1	0.1	3.96	6.67	2.9	1.8	0.16	
0.13	1.27	0.03	0.03	0.72	3.35	4.99	0.01	
0.39	1.64	0.04	0.06	0.55	3.55	4.88	0.02	
0.48	1.2	0.04	0.2	0.35	4.5	4.61	0.01	
0.44	0.3	0.01	0.18	0.32	4	4.65	0.07	
0.61	1.75	0.1	0.17	1.77	3.3	3.57	0.05	
0.26	0.93	0.02	0.03	0.53	3.65	5.18	0.01	
1.44	2.5	0.07	1.86	4.18	2.8	3.21	0.07	
1.5	2.4	0.04	1.75	4.05	3.1	3.2	0.09	
1.36	2.92	0.1	2.02	4.23	3.11	3.22	0.17	
0.83	1.49	0.06	0.56	1.58	3.5	4.26	0.14	

0.63	1.38	0.05	0.5	1.75	3.35	4.15	0.05
0.58	0.78	0.04	0.06	0.59	3.4	4.79	0.01
2.72	0	0.36	0.15	0.04	0.18	9.07	0.06
0.16	0.85	0.04	0.12	0.56	3.4	4.73	0.01
1.66	8.3	0.05	0.65	0.64	0.46	4.95	0.07
0.11	2.4	0.04	0.29	1.91	2.6	4	0.07
1.07	2.3	0.03	1.43	4	3.85	2.2	0.11
0.3	0.78	0.02	0	0.46	3.45	4.78	0
1.3	4.47	0.08	2.09	4.46	2.9	3.26	0.08
0.51	1.75	0.05	0.54	1.95	3.4	4.64	0.1
0.02	1.5	0.05	0.36	1	3.6	4.3	0.03
0.46	0.94	0.04	0.31	1.1	3.7	3.9	0.03
0.03	1.3	0.02	0.08	0.78	3.3	5.02	0.01
0.93	2.15	0.06	0.69	2.47	3.9	3.51	0.09
0.51	1.25	0.05	0.26	1.24	3.6	4.29	0.03
0.69	1.9	0.06	0.72	2.41	3.55	3.94	0.08
2.51	3.67	0.12	3.1	5.76	3.54	2.35	0.13
2.33	4.2	0.12	1.66	5.61	3.86	1.45	0.24
1.04	1.36	0.04	0.2	1.03	2.65	5.06	0.02
0.35	0.93	0.03	0.18	1.01	3.29	4.85	0.02
1.16	3.9	0.14	1.22	2.63	4.01	2.75	0.18
1.33	1.88	0.19	0.18	4.93	1.08	7.03	-0.01
0.89	3.59	0.29	0.36	7.2	0.98	6.78	-0.01
0.74	0.58	0.13	0.19	3.28	0.1	5.61	0.01
4.45	3.7	0.27	0.3	10.99	1.54	4.99	-0.01
0.43	1.19	0.03	0.03	0.62	3.48	5.13	-0.01
0.22	0.98	0.08	0.09	4.13	1.47	5.48	-0.01
7.38	2.75	0.21	0.49	12.81	0.59	5.7	0.01
0.16	1.53	0.07	0.07	2.2	2.85	5.53	-0.01
0.17	1.01	0.05	0.08	1.9	0.57	7.96	-0.01
0.12	0.74	0.03	0.04	1.23	3.06	6.02	-0.01
5.05	6.94	0.31	0.68	14.86	0.1	4.29	-0.01
13.59	6.37	0.43	0.4	26.63	0.04	0.02	0.01
0.18	1.95	0.05	0.05	3.53	3.1	4.35	-0.01
0.51	2.6	0.18	0.07	2.34	0.31	9.73	-0.01
0.76	1.35	0.06	0.03	3.99	0.26	9	-0.01
1.55	2.2	0.07	1.77	3.87	2.9	3.26	0.09
2.51	0.71	0.05	0.11	0.67	3.8	4.5	0.03
1	1.38	0.03	0.76	2.69	4	2.82	0.08
0.75	1.31	0.04	0.63	2.84	4.2	2.37	0.07
0.31	0.97	0.02	0.07	0.87	3.35	4.84	0.01
0.33	0.75	0.03	0	0.6	3.65	4.98	0
0.26	1.49	0.03	0.4	1.71	2.85	4.05	0.05
1.4	3	0.11	0.95	2.45	3.85	3.35	0.15
0.43	2.6	0.06	0.73	2.7	2.7	3.46	0.08
0.24	0.82	0.02	0.07	0.67	3.85	4.78	0
0.46	2.3	0.05	0.34	2.37	3	3.46	0.1
0.12	1.38	0.03	0.15	1.12	3.5	4.67	0.03
0.31	2.1	0.05	0.44	2.27	3.1	3.58	0.08
0.21	0.41	0.01	0.12	0.13	2	6.24	0.01
0.44	0.9	0.02	0.12	0.71	3.8	4.87	0.02
0.51	1.01	0.03	0.06	0.66	3.6	4.97	0.01
2.49	0.2	0.09	0.18	1.07	4.65	3.27	0.04
2.82	0.15	0.11	0.18	1.35	4.9	3.83	0.03
1.55	3.75	0.13	3.43	5.23	1.8	3.09	0.08
1.47	2.8	0.08	1.96	4.62	3.1	2.91	0.08

1.92	5.5	0.23	4.73	7.2	2.85	3.2	0.08
1.13	1.34	0.04	0.34	1.61	3.25	4.15	0.05
0.92	2.12	0.03	0.44	2.49	3	3.4	0.11
0.47	1.36	0.04	0.48	2.02	3.14	4.21	0.04
0.7	2.91	0.04	2.2	5.03	2.89	3.19	0.08
1.22	3.35	0.05	2.29	4.87	2.77	2.93	0.08
0.89	1.88	0.06	0.61	2.36	3.71	3.62	0.09
0.41	0.43	0.07	0.11	0.64	3.49	4.81	0.01
0.25	1.13	0.04	0.41	0.72	3	5.37	0.13
0.4	0.37	0.03	0.15	0.81	3.27	4.85	0.01
0.48	0.67	0.02	0.09	0.7	3.16	5.18	-0.01
0.74	0.78	0.07	0.44	1.58	3.51	4.13	0.04
1.6	4.52	0.13	1.94	5.21	3.3	2.7	0.15
2.79	0	0.04	0.43	2.31	2.93	3.7	0.1
1.62	0	0.02	0.06	0.72	3.44	4.97	0.01
3.93	0	0.06	1.7	3.77	3.4	3.33	0.09
2.63	0	0.04	1.06	2.72	3.83	3.43	0.1
4.63	0	0.06	1.84	4.86	4.29	1.74	0.2
0.92	2.12	0.03	0.44	2.49	3	3.4	0.11
2.35	2.32	0.06	2.24	4.81	3.31	2.52	0.1
0.33	0.8	0.01	0.04	0.59	3.52	4.83	0.01
2.2	4	0.09	3.5	6.8	3.3	1.5	0.23
0.4	1.6	0.03	0.3	1.4	2.8	5.2	0.03
0.5	0.9	0.04	0.3	1.1	3.8	4.2	0.02
1.66	3.55	0.08	0.99	4.4	4.1	2.1	0.29
1.79	1.81	0.02	1.64	4.26	3.77	2.32	0.19
0.6	2.87	0.03	1.64	3.54	3.73	2.55	0.18
0.11	0.09	-0.01	0.03	0.07	0.36	8.58	0.03
0.54	0.09	-0.01	0.35	0.19	4.54	3.07	0.01
0.45	2.7	0.01	1.73	3.51	3.82	2.58	0.19
0.55	3.21	0.03	1.65	3.66	3.39	2.7	0.2
1.17	3.01	0.05	1.66	4.54	4	2.12	0.18
0.99	9.19	0.17	7.85	11.4	1.84	0.5	0.07
0.54	0.09	-0.01	0.35	0.19	4.54	3.07	0.01
3	7	0.23	3.1	5.5	4.7	2.5	0.86
2.3	2.4	0.19	1.9	3.8	4.8	2.6	0.28
2.8	2.8	0.15	2.2	5	4.6	1.8	0.28
2.2	2.2	0.08	2.1	3.9	3.7	3.3	0.24
1.85	2.81	0.09	2.08	4.28	3.41	3.42	0.17
0.2	0.22	0.01	0.23	0.11	6.38	0.09	0.01
2.2	2.1	0.07	2.1	3.9	3.8	3.4	0.26
3.6	5	0.16	3.5	6.9	3.5	1.5	0.31
2.2	3.6	0.11	2.7	5.9	2.91	2.06	0.1
2	5.2	0.13	3.3	7.1	2.7	1.23	0.1
0.8	2.6	0.1	1.2	3.1	3.56	2.77	0.15
2.3	4.6	0.13	3.2	6.5	3.2	1.71	0.22
0.47	1.04	0.04	0.31	0.93	3.8	4.75	0.03
0.63	0.53	0.02	0.38	0.5	3.38	5.28	0
1.34	0	0.03	0.51	0.93	3.14	5.59	0.09
0.7	0	0.16	0.22	0.36	4.45	4.19	0.24
2.29	0	0.02	0.77	1.99	2.72	5.54	0.15
5.29	0	0.09	1.76	3.88	2.59	4.24	0.23
2.35	0	0.05	0.73	2.01	2.63	5.52	0.05
1.17	0	0.03	0.37	1.48	3.85	4.04	0.11
1.43	0	0.03	0.76	2.2	3.22	3.37	0.1
0.57	0	0.03	0.34	1.09	4.17	4.3	0.05

2.8	0	0.04	0.72	2.18	2.53	5.16	0.17
3.8	3.9	0.11	4.47	9.08	2.4	1.28	0.21
0.11	1.04	0.02	0.28	1.88	5.7	2.05	0.02
0.63	1.6	0.05	0.97	2.66	3.7	2.89	0.09
0.65	0.95	0.04	0.19	0.79	4.25	4.17	0.02
0.37	1.27	0.04	0.23	0.88	3.8	4.86	0.04
1.37	2.3	0.08	1.52	4.06	4.05	3	0.16
7.56	0.56	0.06	3.14	1.05	0.23	9.1	0.53
1.06	1.98	0.06	1.09	2.23	3.35	4.22	0.08
0.59	0.3	0.03	0.08	0.49	3.95	4.68	0
0.2	1.6	0.03	0.23	1.46	3.15	4.95	0.04
0.28	0.78	0.02	0.09	0.55	3.7	4.64	0
0.01	1.23	0.03	0.14	0.83	3.6	4.81	0.02
0.42	1.12	0.03	0.17	0.65	3.35	4.66	0.04
0.31	1.72	0.04	0.52	1.95	3.55	3.94	0.07
0.33	0.86	0.03	0.07	0.61	3.5	4.79	0.01
2.16	4.7	0.11	2.89	4.93	2.7	2.36	0.28
0.06	0.26	0.01	0.02	0.81	3.7	4.76	0.04
0.76	0.6	0.02	0.03	0.46	3.85	4.67	0
0.59	0.45	0.02	0.03	0.34	4	4.81	0.08
0.75	1.04	0.04	0.49	1.38	3.4	4.87	0.06
0.41	0.93	0.03	0.18	0.66	4.2	4.27	0.02
0.15	1.08	0.05	0.16	0.94	3.4	4.95	0.07
0.94	0.25	0.04	0.01	0.5	3.6	4.79	0
0.42	0.15	0.01	0.02	0.42	4.05	4.57	0
0.64	0.3	0.04	0.03	0.43	4	4.46	0
0.61	1.5	0.03	1.08	2.99	4.5	2.72	0.09
0.13	1.25	0.01	0.53	3.66	4.4	1.69	0.07
1.14	0.6	0.03	0.13	0.67	3.65	5.27	0.03
0.72	2.4	0.06	1.98	4.5	3.22	1.86	0.13
0.16	1.25	0.03	0.5	1.87	3.4	3.44	0.06
0.2	1.55	0.04	0.73	1.64	3.75	3.12	0.07
0.64	0.7	0.01	0.74	1.75	5.65	2.43	0.05
0.94	1.15	0.03	1.96	1.69	5.4	2.38	0.09
0.76	1.1	0.03	1.31	2.02	5.15	2.12	0.07
0.17	1.3	0.02	1.04	2.9	4.8	2.06	0.06
2.03	1.95	0.06	2.53	1.27	2.9	4.74	0.1
0.34	1.25	0.03	0.15	1.05	3.35	4.92	0.04
0.4	1.55	0.03	0.96	3.25	4.45	2.32	0.09
0.49	1.15	0.04	0.03	0.91	3.6	4.89	0.04
0.69	1.45	0.03	0.48	1.31	3.5	5.07	0.08
0	0.9	0.05	0.11	0.4	4.35	4.45	0.01
0.69	1.2	0.02	0.92	3.27	4.1	2.44	0.08
0.53	1.4	0.02	1.04	2.32	4.2	2.77	0.08
0.12	1.25	0.02	0.36	1.51	4.8	3.52	0.05
1.73	2.4	0.08	1.54	3.4	3.5	3.29	0.13
1.44	2.4	0.07	1.54	3.22	3.1	3.16	0.11
1.15	2.3	0.07	1.44	3.08	3.4	3.34	0.1
0.51	0.55	0.03	0.07	0.48	4.6	4.78	0.02
0.91	2.65	0.05	1.49	4.01	3.8	3.27	0.15
0.09	0.4	0.02	0.01	0.92	3.4	5.68	-0.01
0.39	0.85	0.06	0.4	2.03	4.05	3.7	0.03
0	0.79	0.02	0.16	0.68	3.95	4.48	0.02
0.49	1.5	0.05	0.46	1.73	4.65	3.82	0.06
1.23	2.25	0.07	1.55	3.78	4	3.16	0.14
0.15	0.85	0.04	0	0.72	3.75	4.36	0.02

1.41	2.25	0.07	1.68	4.03	4	2.99	0.16
0.27	0.3	0.02	0.11	1.36	4.55	4.07	0.02
0.22	0.35	0.02	0.05	0.82	3.8	4.2	0.01
1.92	4.75	0.1	3.06	4.89	2.65	2.68	0.45
0.98	0.3	0.02	0.19	0.08	4.05	4.6	0.02
0.73	1.35	0.05	0.61	2.15	3.95	3.81	0.07
2.14	2.75	0.09	2.1	4.68	4	2.78	0.18
1.08	1.65	0.06	0.94	3.08	4	3.48	0.1
0.97	1.35	0.05	0.8	2.54	4	3.59	0.08
0.52	0.7	0.05	0.26	0.52	4.55	5.13	0.03
1.18	2.3	0.07	1.69	3.17	3.9	3.14	0.13
0.58	0.25	0.01	0.07	0.23	4.15	4.68	0.02
0.5	0.35	0.01	0.04	0.52	3.65	4.77	0
1.16	1.65	0.08	0.74	2.59	3.95	3.4	0.09
0.61	1.1	0.05	0.38	1.5	4.3	4.2	0.05
0.86	1.25	0.05	0.69	2.37	3.9	3.83	0.07
0.63	0.85	0.07	0.4	1.1	4.15	4.23	0.03
0.86	0.95	0.05	0.51	1.55	4.25	4.29	0.07
4.39	6.15	0.16	3.99	7.73	3.1	1.44	0.25
3.52	4.05	0.13	2.5	5.45	4	2.39	0.23
0.5	1.1	0.05	0.31	1.4	4.05	4.28	0.05
0.42	1.35	0.07	0.31	1.11	4.7	4.47	0.05
1.54	2.3	0.08	1.88	3.93	3.7	2.9	0.16
2.41	1.65	0.06	1.63	3.53	3.25	3.13	0.16
1.43	0.35	0.02	0.3	0.98	3.05	4.68	0.02
0.66	0.25	0.01	0.22	0.08	3	5.35	0.03
0.33	0.8	0.01	0.43	4.69	4.4	0.66	0.06
0.28	1.7	0.02	0.74	4.39	4.35	0.94	0.07
0.46	1.15	0.02	0.56	4.23	4.25	0.95	0.05
2.18	4.35	0.11	2.8	4.62	2.75	2.39	0.26
1.18	1	0.04	0.56	2.97	3.7	3.14	0.03
0.59	0.6	0.04	0.12	0.28	3.65	4.88	0
0.73	4.45	0.09	1.76	3.22	3.5	3.52	0.2
0.22	0.4	0.01	0.16	1.32	4.25	4.11	0.01
0.72	1	0.04	0.45	2.09	4.65	3.23	0.04
0.37	0.5	0.02	0.22	1.78	4.15	3.57	0.04
0.52	0.95	0.02	0.21	2.38	4.4	2.98	0.03
0.44	0.9	0.03	0.26	3.44	4.3	2.04	0.03
0.38	0.2	0	0.09	0.07	2.45	5.39	0.01
0.2	0.6	0	0.25	0.01	0.75	7.87	0.03
2.88	1.65	0.13	1.21	4.32	3.35	4.09	0.2
2.68	2.4	0.25	1.2	2.93	4	3.47	0.21
1.99	0.3	0.04	0.09	1.12	3.3	4.7	0.04
1.18	1.2	0.09	0.25	2.73	3.1	3.13	0.05
0.85	1	0.06	0	0.88	3.7	4.57	0.01
0.14	1.6	0.08	0.14	0.34	3.6	4.95	0.02
0.31	1.1	0.02	0	0.29	5.3	2.56	0.02
0.97	0.2	0.04	0.04	0.08	3	6.08	0.01
3.72	1.35	0.06	0.92	1.85	3.25	4.42	0.22
3.24	1.7	0.12	0.89	1.55	4.35	3.72	0.22
2.9	2.1	0.1	1.07	2.48	3.85	3.87	0.22
4.05	2.6	0.07	1.2	2.71	6.8	0.69	0.23
2.21	3.2	0.1	1.28	2.39	3.3	4.25	0.24
1.36	0.2	0	0.03	0.12	5.55	1.7	0.1
2.55	0.35	0.01	0.4	0.18	2.65	4.78	0.05
0.19	0.75	0.02	0.31	1.91	3.75	3.64	0.04

0.8	1.5	0.05	1.01	2.17	3.2	4.64	0.15
1.26	0.3	0.01	0	0.79	2.5	5.75	0.04
0.97	1.35	0.07	0.22	1.41	4	4.37	0.06
0.36	2.18	0.05	0.43	1.92	3.3	4.4	0.08
0.16	0.7	0.06	0.28	1.4	4.4	3.8	0.08
1.18	1.8	0.08	1.23	3.08	4.1	2.7	0.14
0.86	1.45	0.06	0.93	2.64	4.45	2.55	0.09
0.49	1.5	0.05	0.9	2.83	4.3	2.51	0.09
0.52	1.35	0.06	0.84	2.02	3.9	3.56	0.08
2.4	2.4	0.09	1.16	1.83	3.7	4.16	0.22
1.71	2	0.08	0.64	2.67	3.2	3.37	0.12
0.82	0.9	0.04	0.16	0.56	4.1	4.37	0.01
1.61	0.25	0.02	0.07	0.22	3.9	4.76	0.01
1.13	0.85	0.02	0.04	0.31	4.1	4.08	0.02
0.01	1.95	0.05	1.14	2.15	4	3.38	0.09
0.73	0.3	0.06	0.03	0.72	3.4	4.77	0.01
0.17	0.6	0.01	0	0.52	4.25	4.48	0.01
0.22	0.7	0.02	0.07	0.57	4.05	4.62	0.01
0.3	0.7	0.04	0	0.45	4.15	4.34	0
0.29	0.65	0.03	0.1	0.55	4.2	4.47	0
0.35	1.15	0.05	0.1	0.96	3.95	4.53	0.02
0.3	0.95	0.04	0	0.77	3.75	4.19	0.01
0.53	0.45	0.02	0.08	0.54	4.25	4.53	0
0.2	1.25	0.02	0.31	1.33	3.2	4.66	0.04
0.44	1.8	0.03	0.29	2.02	3.6	4.61	0.06
0.5	1.95	0.05	0.3	0.95	3.9	3.96	0.04
0.37	1.5	0.03	0.17	0.88	3.6	4.79	0.03
0.11	1.3	0.04	0.09	1.36	3.7	4.64	0.04
0.23	1.3	0.04	0.16	1.12	3.85	4.44	0.04
0.03	0.95	0.03	0.08	0.92	4.4	3.81	0.03
0.61	1.5	0.07	0.53	1.78	4.2	3.68	0.06
0.53	2	0.7	0.78	2.2	4.3	3.4	0.1
0.07	1.35	0.04	0.19	1.24	4.1	4.57	0.02
0.52	1.35	0.03	0.59	1.93	4	3.72	0.07
0.66	1.5	0.04	0.64	2.03	3.8	3.83	0.08
0.34	1.7	0.03	0.33	1.21	3.1	5.14	0.07
0.39	1.45	0.03	0.16	1.06	3.9	4.3	0.04
0.28	0.7	0.03	0.07	0.99	4.1	4.58	0.01
0.3	0.5	0.03	0.11	0.67	4	4.6	0.01
0.67	0.5	0.04	0.03	0.9	3.8	4.35	0.01
0.21	0.8	0.02	0.19	0.77	3.6	4.84	0.01
0.51	0.35	0.03	0.23	0.71	3.4	5.24	0.01
0.13	1.6	0.03	0.34	1.2	3.65	4.73	0.12
0.37	1.95	0.04	0.21	1.38	3.2	4.41	0.05
0.46	0.12	0.01	0	0.01	3.53	4.34	0.02
2.33	0	0.04	0.54	1.51	4.19	3.53	0.07
2.43	3.07	0.11	1.24	2.47	3.54	3.97	0.3
2.24	0	0.02	0.29	1.29	3.4	4.41	0.06
4.86	0	0.09	1.47	2.82	3.44	3.67	0.19
1.21	0	0.03	0.71	0.39	2.23	5.43	0.01
5.64	2.58	0.09	3	8.14	3.99	0.49	0.4
2.65	0.8	0.08	0.78	2.9	4.38	1.91	0.12
2.57	0.12	0.03	0.09	0.63	3.74	5.19	0.03
7.89	0	0.11	4.63	9.06	2.48	1.01	0.1
3.13	0.51	0.03	0.74	14.49	3.48	0.28	0.16
1.53	0	0.03	0.19	0.62	3.47	4.38	0.03

2.16	0	0.05	0.06	0.26	3.06	5.27	0.02
1.36	0	0.04	0.15	1.31	3.42	4.66	0.05
1.92	0	0.04	0.41	0.35	3.83	4.9	0.04
2.17	0	0.02	0.5	1.7	3.75	3.7	0.07
1.19	0	0.08	0.09	0.56	4.01	4.56	0.02
1.65	0	0.02	0.28	1	3.81	4.27	0.04
0.59	0.34	0.01	0.01	0.49	3.44	3.82	0
2	0	0.03	0.3	1.2	3.32	4.75	0.05
1.61	0	0.03	0.21	0.75	3.64	4.71	0.05
1.59	0	0.04	0.18	0.85	3.44	4.85	0.04
1.49	0.23	0.03	0.41	0.91	1.73	5.27	0.05
1	0	0	0.12	0.11	2.8	4.79	0.03
7.87	0	0.11	1.82	4.36	3.04	2.18	0.39
2.28	0	0.04	0.56	1.4	3.94	4.34	0.11
1.79	0	0.04	0.27	1.01	3.86	4.56	0.02
0.18	1.95	0.02	0.86	2.79	4.23	2.48	0.12
2.53	4.64	0.14	4.71	8.83	2.86	1.48	0.26
1.84	4.01	0.13	0.43	2.34	3.78	4.7	0.2
3.68	4.49	0.14	2	4.42	4.02	3.17	0.57
3.64	5.54	0.15	3.25	6.1	3.4	2.1	0.29
1.2	1.92	0.06	1.22	2.95	3.75	3.65	0.14
1.06	1.18	0.05	0.82	1.96	3.95	3.95	0.11
1.16	1.7	0.05	1.21	2.7	3.7	3.9	0.13
1.52	2.2	0.06	1.78	3.65	3.55	3.6	0.16
0.37	0.34	0.03	0.27	1.75	3.65	4.2	0.05
0.37	0.28	0.03	0.27	2.15	4.4	3.25	0.05
0.36	0.32	0.03	0.29	2	4.25	3.5	0.05
0.3	0.2	0.04	0.21	0.96	3.65	5	0.04
0.83	1.25	0.08	0.8	2.85	4.05	3.4	0.06
0.31	2.17	0.02	1.14	3.17	3.7	2.98	0.12
0.57	1.5	0.05	0.61	1.35	3.6	3.84	0.06
0.72	1.38	0.04	0.7	1.76	3.71	3.58	0.06
0.83	1.18	0.04	0.45	1.32	3.36	4.73	0.07
0.25	1.1	0.04	0.23	0.85	2.92	4.45	0.03
1.3	0.33	0.03	0.25	0.03	0.11	3.54	0.03
1.12	0.08	0.03	0.1	0.68	2.39	6.7	0.04
1.17	0.07	-0.01	0.08	0.05	1.71	7.47	0.02
1.53	0.08	0.03	0.12	0.82	3.68	4.17	0.02
1.11	0.08	-0.01	0.13	0.04	0.91	7.33	0.01
0.64	0.08	-0.01	0.11	0.05	0.12	8.7	0.02
2.44	0.14	0.06	0.13	0.81	3.39	5.01	0.05
0.97	0.52	0.02	0.33	0.52	2.63	5.06	-0.01
1.07	0.08	-0.01	0.31	0.28	2.15	5.34	-0.01
0.59	0.14	-0.01	0.18	0.04	2.34	4.64	0.01
0.54	0.3	0.03	0.07	0.45	4.65	4.16	-0.01
1.34	0.08	0.01	0.22	0.59	0.85	7.08	-0.01
1.03	0.41	0.01	0.2	0.67	1.51	4.58	-0.01
1.64	0.14	0.01	0.18	0.39	2.51	5.27	-0.01
0.3	0.07	0.01	0.13	0.09	2.09	5.8	-0.01
0.67	0.47	0.01	0.22	0.14	3.54	4.6	0.01
0.71	0.08	-0.01	0.04	0.02	0.56	8.14	-0.01
0.72	0.08	-0.01	0.04	-0.01	0.29	7.51	0.02
0.5	0.08	-0.01	0.05	0.21	3.39	4.47	-0.01
0.54	0.08	-0.01	0.04	0.02	2.02	6.4	-0.01
1.83	0.09	0.02	0.07	0.07	3.13	5.16	0.02
0.56	0.54	0.01	0.44	0.1	2.34	1.89	-0.01

0.34	1	0.03	0.3	1.05	3.22	4.47	0.14
2.56	7.09	0.14	8.37	9.36	2.89	0.37	0.18
0.65	2.34	0.05	1.01	3.11	3.56	2.78	0.16
0.52	2.27	0.05	0.9	2.73	3.3	3.26	0.17
0.66	1.4	0.04	0.76	2.15	3.76	3.32	0.1
0.98	3.08	0.07	1.32	3.56	2.82	3.68	0.19
0.34	0.91	0.03	0.22	1.13	2.77	5.43	0.04
1.19	2.52	0.07	0.16	1.57	3.47	6.25	0.05
2.91	3.66	0.1	2.22	5.56	3.08	2.06	0.45
0.93	11.39	0.19	7.09	12.05	1.88	0.19	0.09
0.45	2.44	0.03	0.86	3	3.38	2.86	0.14
0.45	1.1	0.03	0.29	1.01	2.47	5.77	0.1
0.38	0.91	0.03	0.23	0.78	3.12	5.09	0.11
0.36	1.06	0.03	0.38	1.26	2.87	4.7	0.16
0.47	0.17	0.01	0.5	0.01	1.87	5.02	0.03
0.26	0.95	0.03	0.3	1.11	3.25	4.18	0.19
0.47	1.76	0.02	0.57	1.57	2.41	5.61	0.08
0.68	1	0.02	0.51	1.98	3.07	3.45	0.11
0.35	1.32	0.03	0.52	1.9	3.06	3.81	0.14
0.37	0.73	0.03	0.27	1.27	3.22	4.33	0.15
0.43	0.67	0.02	0.28	1.22	2.99	4.13	0.12
0.41	1.59	0.02	0.63	1.82	2.64	4.99	0.2
0.72	3.25	0.06	2.14	4.78	3.17	2.04	0.19
0.32	2.79	0.05	1.61	4.09	3.59	1.81	0.14
0.45	1.52	0.03	0.57	1.53	2.64	4.82	0.16
0.17	0.59	0.03	0.08	0.34	3.84	5.21	0.02
0.37	1.47	0.04	0.62	2.28	3.88	2.51	0.13
0.28	1.09	0.02	0.37	1.33	3.05	4.37	0.16
0.34	1.08	0.03	0.45	1.9	3.06	3.53	0.13
1.03	2.17	0.1	0.47	1.43	4.24	3.42	0.09
0.73	0.63	0.04	0.02	0.4	3.94	4.39	0.01
0.5	1.29	0.04	0.08	0.74	3.99	3.74	0.02
0.66	1.64	0.05	0.34	1.14	3.58	3.92	0.06
0.37	0.62	0.02	0.07	0.54	3.97	3.98	0.02
1.66	1.5	0.11	1.16	2.48	3.31	3.78	0.14
3.52	0.61	0.06	2.23	3.65	3.57	2.81	0.16
0.85	1.33	0.05	0.54	1.63	3.99	3.53	0.08
2.39	2.26	0.08	1.49	3.57	4.25	2.84	0.23
0.68	1.3	0.05	1.27	2.8	3.92	3.36	0.14
0.47	0.74	0.03	0.56	1.94	3.89	3.42	0.06
1.02	1.42	0.08	0.27	1.44	3.41	4.43	0.07
0.53	0.82	0.05	0.68	1.72	4	3.52	0.11
1.35	2.47	0.08	2.58	3.76	3.58	2.43	0.23
0.64	0.8	0.04	0.63	2.15	4.25	2.81	0.08
0.6	0.57	0.02	0.46	2.05	3.81	3.43	0.09
1.49	2.2	0.06	2.47	4.39	3.42	1.97	0.16
0.84	1.45	0.04	0.61	1.96	3.9	3.39	0.09
0.59	0.92	0.03	0.3	0.99	3.42	4.06	0.04
0.64	0.9	0.03	0.22	1.09	4.06	3.77	0.05
0.22	0.94	0.03	0.45	2.03	4.23	2.36	0.05
0.41	0.79	0.03	0.32	1.54	3.09	4.2	0.11
0.55	1.61	0.03	0.89	2.86	3.27	3.05	0.1
0.37	1.22	0.04	0.72	1.97	3.26	3.26	0.08
0.28	1.12	0.03	0.66	1.94	3.46	3.57	0.08
0.33	0.88	0.04	0.57	1.6	3.42	3.86	0.07
1.03	0.47	0.01	0.05	0.1	4.2	4.13	0

0.94	0.49	0.03	0.07	0.33	4.2	4.2	0
0.72	1.18	0.04	0.3	1.19	4.3	3.5	0.04
0.96	1.73	0.05	0.87	2.64	4.11	2.91	0.11
2.73	2.32	0.1	1.27	2.89	4.12	3.21	0.28
0.71	0.88	0.07	0.35	0.69	3.53	4.08	0.03
0.6	1.1	0.02	0.07	0.41	4.46	3.84	0
1.18	0.73	0.06	0.14	0.98	4.71	3.4	0.01
3.4	3.7	0.16	2.73	5.27	3.39	1.62	0.2
1.11	1.36	0.04	0.73	1.64	3.95	3.99	0.08
2.72	2.63	0.11	1.67	3.53	4.12	2.41	0.27
2.16	3.61	0.09	2.14	5.03	3.33	2.37	0.22
2.44	2.35	0.06	1.45	3.66	4.23	2.45	0.25
2.3	1.99	0.1	1.38	3.82	4.32	2.41	0.25
0.72	0.76	0.03	0.08	0.34	4.01	4.21	0
0.78	0.72	0.03	0.07	0.38	4	4.18	0
0.45	0.67	0.03	0.06	0.58	3.71	4.35	0
0.74	0.5	0.01	0.04	0.28	3.35	4.73	0
0.76	0.57	0.02	0.04	0.35	4.2	4.29	0
1.76	2.87	0.08	0.73	2.66	4.8	2.24	0.13
0.43	0.48	0.03	0.05	0.55	3.58	4.53	0
0.87	0.38	0	0.03	0.26	4.02	4.37	0
1.77	0.68	0.02	0.16	1.08	4.02	4.12	0.03
1.29	0.83	0.02	0.08	1.08	3.61	4.79	0.04
0.72	2.2	0.04	0.78	2.05	3.48	4.46	0.1
0.63	1.66	0.04	0.43	1.54	3.36	4.4	0.08
0.37	0.82	0.02	0.09	0.57	3.66	4.52	0
1.15	0.88	0.04	0.11	1.08	4.41	3.55	0.01
0.22	0.8	0.02	0.06	0.52	3.82	4.4	0
0.61	2.11	0.06	0.64	2.03	4.43	3.01	0.09
0.77	2.47	0.06	0.46	1.17	4.71	3.29	0.06
1.12	1.16	0.04	0.3	1.41	3.46	3.98	0.03
0.69	0.57	0.02	0.03	0.42	3.97	4.2	0
0.2	0.66	0.02	0.24	1.63	3.26	3.83	0.11
0.12	0.99	0.02	0.45	1.96	3.38	3.51	0.09
-0.09	0.59	0.11	0.08	0.53	3.77	4.28	0.07
0.73	1.58	0.04	1.22	3.47	3.92	2.93	0.11
0.64	1.85	0.05	1.32	3.35	3.76	2.78	0.12
1.35	0.36	0.04	0.32	1.06	7.79	0.07	0.02
0.36	0.73	0.01	0.7	1.96	3.82	3.27	0.04
0.49	1.04	0.04	0.87	2.5	4.04	3.65	0.05
0.34	0.91	0.02	0.55	1.51	4.9	2.92	0.04
0.39	1.28	0.02	0.79	1.99	3.85	6.29	0.18
0.18	0.85	0.01	0.46	1.7	5.38	2.69	0.03
0.53	0.83	0.03	0.79	2.17	3.59	3.09	0.05
1.37	2.74	0.07	1.93	4.03	2.9	2.83	0.11
0.26	0.69	0.01	0.52	1.92	3.72	3.45	0.03
0.54	0.55	0.02	0.48	2.09	4.4	3.61	0.01
0.33	0.69	0.01	0.49	2.06	6.17	2.07	0.03
0.24	0.73	0.01	0.46	1.36	5.01	3.21	0.02
0.18	0.93	0.01	0.54	2.35	6.47	1.26	0.05
0.22	0.6	0.01	0.37	1.39	5.31	2.84	0.01
0.54	0.91	0.03	0.6	1.09	3.77	4.53	0.02
0.43	1.5	0.04	0.89	1.71	3.93	3.87	0.05
0.28	0.61	0.02	0.35	0.46	3.83	4.66	0.01
0.52	1	0.03	0.55	0.99	3.65	4.53	0.03
0.79	0.56	0.03	0.42	0.6	3.3	5.1	0.01

1.47	1.58	0.03	1.21	2.63	5.53	1.42	0.09
0.63	0.71	0.01	0.49	2.48	5.03	1.19	0
0.46	1.63	0.05	0.79	1.63	3.55	4.23	0.06
0.87	1.29	0.03	0.77	1.33	3.88	4.19	0.08
0.34	0.53	0.04	0.33	0.6	3.76	4.43	0
1.67	2.57	0.08	1.27	2.48	4.03	3.17	0.15
0.77	0.71	0.04	0.54	0.98	3.68	4.57	0.02
0.92	1.03	0.04	0.78	1.55	3.84	4.05	0.04
0.84	0.94	0.04	0.59	1.09	3.4	4.83	0.04
1.9	10.1	0.18	7.2	11.1	1.7	0.24	0.12
2.01	4.4	0.11	5.27	6.03	3.1	2.07	0.09
0.35	1.75	0.03	1.21	3.57	4.7	2.18	0.08
0.59	1.73	0.06	0.65	2	3.33	3.4	0.17
0.53	2.09	0.05	0.79	2.51	3.35	3.1	0.16
0.85	3.87	0.07	1.75	4.29	2.64	2	0.16
0.16	0.79	0.02	0.35	1.89	3.5	3.83	0.06
0.48	1.96	0.04	0.77	2.6	3.62	1.95	0.07
0.42	0.99	0.02	0.37	1.78	3.2	3.31	0.11
0.56	3.57	0.06	2.31	4.62	3.38	2.03	0.12
0.27	0.96	0.02	0.36	1.54	3.23	4.23	0.12
0.34	1.61	0.03	0.56	1.71	3.11	3.56	0.13
0.17	1.2	0.04	0.56	2.03	3.41	4.01	0.07
0.48	1.38	0.04	0.79	2.96	3.8	2.58	0.1
0.36	0.58	0.05	0.17	0.89	3.4	4.35	0.2
0.32	0.69	0.02	0.23	1.05	3	4.94	0.11
0.29	1.5	0.04	0.73	2.52	3.52	2.73	0.05
0.42	1.54	0.04	0.94	2.32	3.11	2.96	0.09
0.17	0.6	0.02	0.3	1.71	3.51	4	0.09
0.28	1.12	0.03	0.57	2.21	3.8	2.86	0.07
1.51	2.7	0.06	1.34	3.69	4.39	2.35	0.19
1.46	3.49	0.09	1.72	4.22	4.35	2.43	0.25
1.72	1.45	0.01	1.14	2.5	3.97	3.45	0.11
4.5	5.03	0.12	3.33	9.83	2.51	1.31	0.26
0.53	1.28	0.05	0.44	1.07	3.34	4.04	0.03
1.39	0.29	0.02	0.05	0.34	4.61	4.07	0.01
1.13	2.84	0.07	2.16	4.8	3.01	3.1	0.21
0.26	0.82	0.02	0.12	0.52	3.57	5.01	0
0.3	0.6	0.03	0.58	2.21	4.5	3.01	0.09
0.7	1.27	0.05	0.28	0.87	4.38	3.92	0.03
0.96	0.83	0.03	0.14	0.73	3.09	4.94	0.01
0.5	1.18	0.02	0.3	0.73	3.37	4.88	0.04
0.07	0.46	0.03	0.16	1.07	4.06	4.05	0.1
0.34	1.21	0.03	0.9	2.48	3.75	2.65	0.05
0.27	0.78	0.02	0.66	1.95	3.39	4.02	0.06
0.09	0.4	0.01	0.25	0.44	4.16	4.41	0
1.2	1.3	0.04	2.2	5.6	4.48	1.02	0.1
0.8	1.6	0.05	2.2	5.7	4.52	1.03	0.12
0.9	1.1	0.06	0.7	0.9	3.16	5.74	0.04
0.5	1.4	0.07	0.6	0.9	3.14	5.7	0.05
0.2	0.5	0.2	0.1	0.3	4.84	3.76	0.16
0.1	1.1	0.02	0.6	2.3	3.3	2.6	0.06
-0.1	1.2	-0.02	0.6	2.2	3.2	2.96	0.08
0.2	0.8	0.06	0.5	1.8	3.44	4.2	0.04
0.2	0.9	0.06	0.5	2	3.24	3.58	0.06
0.3	1	0.06	0.6	2	3.42	3.66	0.06
0.2	1	0.06	0.6	2.1	3.5	3.42	0.06

0.1	1.1	0.04	0.6	1.7	3.26	3.52	0.1
-0.1	0.7	0.04	0.2	1.3	3.52	4.1	0.1
-0.1	0.6	0.04	0.1	1.2	3.78	4.3	0.1
-0.1	0.9	0.04	0.4	1.9	3.28	3.42	0.08
0.2	0.6	0.1	0.2	0.9	3.68	4.12	0.1
-0.1	0.8	0.06	0.3	1.6	3.36	4.44	0.06
-0.1	0.7	0.04	0.2	1.6	3.56	4.08	0.08
-0.1	0.5	0.06	0.1	1.2	3.7	4.1	0.08
0.68	0	0.04	0.08	0.96	4.3	4.1	0.04
0.67	0	0.05	0.09	0.87	4.46	4.07	0.03
0.81	1.55	0.06	0.19	0.98	4.55	3.4	0.07
2.75	5.65	0.14	3.5	7.4	3.75	1.78	0.4
0.73	1.01	0.05	0.47	1.84	3.39	4.32	0.04
0.74	2.56	0.07	1.24	3.36	3.6	3.38	0.14
0.62	2.55	0.06	2.21	3.91	4.26	2.13	0.13
1.12	2.38	0.07	1.27	3.43	3.68	3.48	0.15
0.33	1.62	0.03	0.69	1.57	3.76	4.52	0.06
0.17	0.95	0.04	0.5	1.52	3.67	3.54	0.1
0.27	1.07	0.03	0.64	2.13	3.39	3.22	0.08
1.86	3.22	0.14	2.4	5.27	2.95	2.22	0.14
0.28	1.22	0.04	0.75	1.77	3.49	3.38	0.09
0.35	0.8	0.03	0.14	0.63	3.43	5.03	0.02
0.3	0.89	0.03	0.17	0.69	3.26	4.85	0.03
0.31	1.37	0.04	0.62	1.86	3.33	4.43	0.06
0.36	1.55	0.04	0.89	2.46	4.03	2.42	0.1
0.69	1.28	0.03	0.67	1.95	3.5	4.04	0.08
0.48	1.1	0.03	0.62	2.07	3.81	2.73	0.07
0.15	0.28	0.05	0.21	1.48	3.64	4.32	0.04
0.61	1.25	0.04	0.49	1.44	3.45	4.36	0.06
0.65	1.68	0.04	0.32	1.38	3.63	4.86	0.08
0.36	1.24	0.03	0.23	0.96	3.34	5.06	0.04
0.45	0.98	0.02	0.45	3.24	4.62	2.42	0.07
0.37	0.41	0.04	0.15	0.8	3.26	4.92	0.01
0.34	0.68	0.04	0.26	1.02	3.12	4.8	0.02
0.48	1.46	0.03	0.26	1.22	3.15	4.64	0.04
0.34	0.83	0.02	0.13	0.59	3.53	4.67	0.01
0.56	0.63	0.02	0.11	0.56	3.33	4.65	0
0.49	0.67	0.03	0.1	0.55	3.36	4.69	0
0.81	1.38	0.05	0.44	1.73	4.24	3.4	0.06
0.97	6.48	0.13	4.96	8.15	3.17	0.85	0.17
0.27	1.17	0.04	0.58	1.65	3.59	3.26	0.1
0.7	0	-0.01	0.29	0.32	0.24	6.08	0.02
7.97	0	0.12	5.42	7.6	3.27	0.77	0.16
9.18	0	0.13	7.38	9.02	2.91	0.64	0.16
5.16	0	0.09	0.87	2.81	3.43	3.58	0.2
5.37	0	0.08	0.94	3	3.5	3.48	0.23
8.01	0	0.12	5.41	7.55	3.22	0.72	0.16
1.94	0	0.04	0.29	0.85	2.76	5.08	0.03
0.86	0	0.02	0.11	0.57	3.37	5.16	0.01
8.91	0	0.13	6.22	8.73	3.09	0.48	0.18
6.9	0	0.1	2.21	4.39	3.31	3.39	0.23
2.85	0	0.05	0.86	2.69	3.3	3.98	0.07
0.41	0.62	0.03	0.23	1.55	4.27	3.78	0.03
1.23	3.96	0.07	2.95	5.33	3.26	1.96	0.23
1.35	4.06	0.07	2.55	5.31	3.74	1.79	0.21
1.34	3.6	0.08	2.55	5.07	3.28	2.44	0.22

1.45	3.51	0.07	2.81	5.34	3.51	2.02	0.19
1.37	1.93	0.05	1.96	3.12	4.01	3.03	0.13
0.82	1.41	0.04	0.8	2.26	3.05	4.04	0.07
0.69	5.56	0.08	2.1	0.79	1.04	3.94	0.2
0.69	5.56	0.08	2.1	0.79	1.04	3.94	0.2
2.13	3.33	0.1	3.01	4.79	2.94	3.16	0.46
0.78	1.36	0.05	0.96	2.23	3.73	3.25	0.1
1.12	2.03	0.06	2.02	3.51	3.51	2.94	0.21
1.44	2.67	0.08	2.76	4.3	3.41	2.78	0.29
1.46	2.89	0.07	3.48	4.65	3.33	3.11	0.35
2.66	5.12	0.15	7.08	8.05	2.7	2.8	0.69
1.87	3.79	0.09	4.8	5.76	3.12	2.95	0.47
0.63	0.66	0.04	0.43	2.14	4.2	2.77	0.07
0.3	0.15	0.01	0.11	1.02	4.95	3.3	0.03
1.29	4.31	0.1	3.43	6.74	4.38	1.93	0.2
1.45	4.54	0.09	4.14	6.13	3.69	2.4	0.18
0.45	0.66	0.04	0.39	1.85	4.1	3.33	0.07
0.47	0.33	0.06	0.23	1.03	3.67	4.35	0.08
0.86	1.33	0.06	0.89	2.5	4.2	2.92	0.09
0.91	1.41	0.07	0.9	2.49	3.81	3.42	0.14
0.27	0.64	0.03	0.13	1.46	4.37	3.69	0.05
0.36	0.91	0.03	0.27	1.52	4.42	3.35	0.06
0.31	0.82	0.02	0.19	1.35	4.21	4.12	0.04
1.5	2.21	0.07	1.56	2.76	3.38	3.32	0.11
0.52	1.54	0.03	0.61	1.64	3.32	4.44	0.06
0.88	2.57	0.05	1.6	3.76	3.48	2.76	0.13
0.81	1.53	0.04	0.96	2.92	3.36	3.69	0.08
0.57	0.56	0.06	0.34	1.87	4.15	3.15	0.09
1.4	2.89	0.09	2.96	4.58	3.43	2.64	0.31
0.82	1.18	0.05	0.76	2.4	4.1	3.15	0.09
0.91	1.46	0.06	0.96	2.92	4.13	2.39	0.13
0.44	0.09	0.07	0.08	0.66	3.72	4.54	0.08
0.44	0.47	0.06	0.24	0.96	4.06	4.04	0.09
1.39	4.56	0.1	4.04	6.23	3.89	1.59	0.18
1.21	3.75	0.08	2.85	5.3	3.8	1.95	0.19
0.69	1.6	0.04	0.78	2.16	3.35	3.94	0.07
0.96	2.8	0.07	1.8	3.98	3.44	2.73	0.15
0.57	0.9	0.02	0.38	1.06	2.91	4.86	0.04
0.48	0.67	0.02	0.24	0.81	3	5.02	0.03
0.76	1.71	0.04	0.99	2.5	3.27	3.81	0.11
0.93	3.61	0.08	2.51	4.95	3.61	2.1	0.17
0.96	2.86	0.07	1.8	4.15	3.36	2.72	0.15
0.98	3.19	0.07	2.34	4.63	3.41	2.59	0.16
1.23	3.59	0.08	2.78	5.31	3.5	2.1	0.18
0.05	0.75	0.02	0.1	0.61	3.26	5.26	0.02
0.62	1.27	0.02	0.55	1.59	3.03	4.47	0.06
0.39	0.58	0.02	0.27	1.07	2.98	4.92	0.03
0.55	1.21	0.07	0.74	2.27	4.17	2.86	0.11
0.9	1.67	0.03	1	2.65	3.38	3.79	0.08
0.92	2.09	0.04	1.3	3.06	3.63	3.3	0.12
1.18	2.71	0.05	1.82	4.25	3.53	2.7	0.15
1.3	3.82	0.09	2.79	5.79	3.52	1.97	0.15
1.21	2.82	0.06	2.05	4.49	3.44	2.64	0.15
0.67	0.58	0.02	0.3	1.1	3.15	4.68	0.03
0.73	0.97	0.02	0.51	1.67	3.19	4.43	0.06
2.26	0.55	0.01	0.39	0.01	0.11	3.92	0.03

0.39	1.07	0.02	0.33	1.07	3.15	4.7	0.03
1.26	1.27	0.03	0.99	2.77	3.48	3.8	0.09
0.5	2.3	0.04	0.6	2.2	3.7	3.9	0.08
1	1.8	0.06	0.8	2	3.8	3.9	0.08
0.6	1.6	0.06	0.5	1.6	3.6	4	0.06
0.4	1	0.03	0.3	1.1	3.4	4.8	0.02
0.3	1.3	0.03	0.4	1.5	2.9	4.5	0.02
0.1	1.3	0.04	0.2	0.9	3	4.6	0.02
0.6	1.3	0.04	0.5	1.2	3.9	4.4	0.03
0.4	1.4	0.02	0.3	1.6	3.4	6.1	0.03
1.1	3.4	0.04	0.8	2.2	3	4.3	0.1
1	1.3	0.02	0.8	2.2	3.5	3.8	0.09
0.7	1.8	0.08	0.7	2.2	3.9	3.9	0.1
1.2	2.8	0.06	2	4.6	3.8	2.3	0.13
0.8	1.9	0.04	1.2	3.2	3.4	2.7	0.07
1	2.1	0.04	1.4	3.2	3.6	2.8	0.11
0.6	2.6	0.03	0.5	2.1	3.1	3.5	0.07
0.8	1.4	0.05	0.4	1.3	3.9	3.9	0.05
0.5	2.2	0.04	0.5	2	2.9	4.2	0.07
0.6	0.9	0.04	0.4	1.9	4.1	3.4	0.04
0.6	1.1	0.06	0.6	2.4	4.2	3.1	0.04
1.3	2.2	0.06	1.5	2.9	3.4	3.42	0.1
2.8	12.1	0.22	4.1	8.3	2.5	1.38	0.3
3.3	10.4	0.24	6.5	10.7	2	0.38	0.14
0.8	0.6	0.02	0.2	0.7	3.4	5.34	0.04
0.3	0.9	0.02	0.5	2	3.7	3.36	0.06
0.2	0.8	0.02	0.3	1.6	4.7	2.74	0.06
0.2	0.7	0.02	0.3	1.4	3	4.5	0.04
0.5	2.5	0.08	0.8	2.8	5.1	2.4	0.07
0.5	2.2	0.06	1	2.1	3.5	2.9	0.11
0.3	1.9	0.05	0.8	2.3	3.6	2.3	0.08
0.1	0.8	0.02	0.3	1.2	3.2	4.5	0.13
0.3	1.1	0.04	0.6	1.5	3.6	3.6	0.11
0.1	0.3	0.01	0.1	0.5	2.5	7.1	0.06
0.3	1.2	0.04	0.6	1.9	3.4	3.5	0.12
0.7	0.9	0.02	0.5	1.7	3.9	3.38	0.06
0.9	1.3	0.02	0.7	2	3.5	4.02	0.08
0.2	1.4	0.04	0.7	2.8	4.4	2	0.08
0.6	1.2	0.04	0.9	3.2	4.6	2.34	0.1
0.6	0.8	0.06	0.5	0.9	4.4	4.56	0.04
0.3	0.8	0.04	0.5	2.1	4.7	3.04	0.04
0.4	0.4	0.04	0.3	1.3	4	3.92	0.06
0.6	1.1	0.06	0.7	2	3.8	3.2	0.14
0.8	1.3	0.08	0.3	1	4.4	3.9	0.04
0.8	-0.1	-0.02	-0.1	0.3	3.9	4.3	-0.02
0.6	0.1	-0.02	-0.1	0.3	4	4.52	-0.02
1	-0.1	-0.02	-0.1	0.4	3.9	4.44	-0.02
1.31	0.55	0.04	0.41	0.35	3.83	4.9	0.04
1.02	0.31	0.04	0.15	1.31	3.42	4.66	0.05
0.98	1.06	0.05	0.06	0.26	3.06	5.27	0.02
1.04	0.44	0.03	0.19	0.62	3.47	4.38	0.03
0.3	0.6	0.04	0.2	1.1	3	4.76	0.14
0.5	2	0.04	0.8	2.3	3	3.61	0.16
0.5	1.3	0.04	0.6	2.6	3.6	2.8	0.06
0.8	0.8	0.04	-0.1	0.3	4	4.6	-0.02
0.9	1.5	0.06	0.5	1.4	4.4	3.44	0.06

0.6	1.2	0.04	0.8	2.1	4.1	3	0.12
0.6	1.2	0.04	0.8	2.4	4.3	2.84	0.1
5.1	0.3	-0.02	-0.1	0.1	3.9	0.12	0.02
1	3.8	0.08	2.9	4.9	3.7	2.3	0.18
0.5	1.1	-0.02	0.5	1.5	3.4	4.78	0.06
0.6	1.1	-0.02	0.5	1.6	3.3	4.76	0.06
1.1	0.6	-0.02	-0.1	0.3	4.1	4.42	-0.02
1.2	0.3	-0.02	0	0	4	4	0
1.3	0.3	-0.02	-0.1	0.1	4	4.5	-0.02
1.6	0.2	-0.02	0.2	-0.1	3.8	4.56	-0.02
0.7	0.3	-0.02	0.2	0.3	3.5	4.46	-0.02
0.6	0.3	-0.02	-0.1	0.3	3.5	4.54	-0.02
0.3	0.8	0.02	-0.1	0.5	3.5	4.6	-0.02
0.8	1.3	0.04	0.3	0.8	3	5.08	-0.02
0.5	0.8	0.02	-0.1	0.5	3.6	4.76	-0.02
0.3	1	0.02	0.1	0.5	3.5	4.72	-0.02
0.2	1.4	0.04	0.7	2	3.3	2.74	0.08
0.5	1.2	0.04	0.7	1.1	3.1	4.96	0.08
0.4	1	0.02	0.3	1.4	2.8	4.76	0.16
2.2	8.4	-0.08	2.5	7.3	4.3	0.12	0.66
1.6	8	0.18	8.3	11.6	2.2	0.09	0.05
0.5	4.6	0.11	8.5	15.1	2.2	0.08	0.02
2.3	6.7	0.22	9	11.4	2.7	0.21	0.05
1.4	7.6	0.19	7.7	10.5	2.6	0.62	0.07
4.4	4.4	0.17	3.8	6.9	3.2	2.71	0.38
0.7	0.2	0.03	-0.1	0.3	3.81	4.23	0.03
0.2	1.7	0.04	0.5	2.1	4.19	3.08	0.08
-0.1	0.8	0.19	-0.1	0.4	2.4	7.48	0.08
-0.1	0.7	0.2	-0.1	0.3	2.8	6.25	0.08
0	0.29	0.08	0.24	0.68	4.85	4.08	0.01
0.27	0.45	0.02	0.34	0.99	3.32	4.5	0
0.5	1	0.02	0.2	1.4	3.5	3.58	-0.02
1.3	0.7	-0.02	1	4.2	4.9	0.22	0.08
0.4	0.6	0.04	-0.1	0.9	3.9	4.22	-0.02
0.3	0.3	0.04	0.1	1	4.1	4.36	0.02
0.6	0.5	0.04	0.2	1.5	3.8	4.24	-0.02
0.7	1	0.06	0.5	2.5	4.3	2.84	0.06
0.51	0.52	0.03	0.05	0.87	3.91	4.34	0.01
1.82	0.1	0.03	0.66	0.71	1.9	4.06	0.04
0.78	0.1	0.01	0.17	0.37	1.33	7.48	0.03
0.41	0.12	0.02	0.1	0.37	2.24	5.79	0.02
3.06	6.48	0.15	4.02	7.47	3.53	1.59	0.38
3.02	6.86	0.15	5.23	8.1	3.33	1.32	0.37
3.4	8.9	0.23	7	12.5	2.2	0.2	0.14
2.55	9.3	0.21	8	12	1.85	0.17	0.16
2.4	4	0.13	2.7	4.4	5.4	0.21	0.24
0.5	4	-0.1	1.4	1.4	5.4	0.5	0.18
1.9	7.1	0.18	9	8.9	2.9	0.46	0.18
1.8	3	0.08	1.2	1.5	5.7	0.65	0.13
1.9	6.5	0.14	9.4	10.5	2.3	0.58	0.03
1.2	3.4	0.07	4.1	3.5	5.5	1	0.17
1.9	4.2	0.09	3	5.1	3.4	0.79	0.05
1.2	2.3	0.09	1	3.5	3.7	0.82	0.04
4.2	6.8	0.22	4.2	9.6	2.8	0.13	0.31
2.7	5.3	0.17	3.5	5	4.1	0.89	0.22
1.3	3.2	0.08	3.5	4.6	5.4	0.9	0.18

0	0	0.1	17.5	-0.5	-0.5	-0.1	0
3.3	4	0.16	17.9	20	-0.1	-0.02	0.02
3.4	4.9	0.18	20.2	17.3	-0.1	-0.02	0.02
3.6	8.4	0.22	9	12.9	2	0.12	0.04
1.8	6.9	0.16	6.7	9.6	3.6	0.26	0.16
2.6	6.4	0.16	6	9.4	2.5	0.16	0.08
3.5	3.9	0.14	6.4	9.7	1.7	0.02	0.18
2.1	3.7	0.08	1.8	3.4	6.1	0.44	0.2
1.3	3.1	0.08	3.5	4.3	5.9	0.88	0.18
4	2.9	0.1	3.2	6.6	3.9	0.1	0.06
1.9	2.8	0.2	1.8	4.1	4	1.2	0.1
2.3	5.9	0.1	7.8	6.7	3.6	0.1	0.09
3.3	7.2	0.3	6.4	12.3	1.7	0.2	0.18
0.7	1.5	0.09	0.5	2.5	4	0.4	0.08
1.7	2.5	0.17	1	3	3.6	1.1	0.14
1.4	2.7	0.07	1.7	0.6	5.7	0.1	0.12
0.1	0.3	-0.02	-0.1	-0.1	0.1	-0.1	0.15
4	5.4	0.2	10.7	16.3	0.2	0.1	0.12
3.6	6.3	0.3	9.1	15.4	1.1	0.2	0.11
2.1	5.6	0.1	10.2	14.8	0.6	0.2	0.08
2.2	5.3	0.1	9	14.1	0.8	0.1	0.12
3.1	2.7	0.09	2.2	4.9	4.6	0.6	0.21
2.3	2.6	-0.1	2.2	5.3	4.3	0.1	0.13
1.72	5.05	0.13	3.4	6.3	4.35	0.25	0.17
1	0.8	-0.1	0.1	0.5	3.9	4.4	0.01
0.1	0.1	-0.1	-0.1	0.1	0.4	6.6	-0.01
0.94	1.7	0.05	0.64	2.47	4.05	3.21	0.09
1.72	1.9	0.09	1.6	5.38	3.95	1.34	0.16
1.65	5.5	0.11	8.69	13.2	1.05	0.1	0.03
3.38	5.8	0.15	3.95	8.09	2.15	2.27	0.45
1.62	2.15	0.11	1.3	5.72	3.8	1.12	0.17
1.77	2.3	0.1	1.49	5.47	3.8	1.41	0.18
2.69	6.6	0.18	3.97	8.44	2.35	1.29	0.39
3.99	4.8	0.15	3.51	8.54	2.6	1.86	0.38
0.54	0.57	0.02	-0.01	0.6	4.3	4.39	-0.01
1.68	1.8	0.08	1.47	5.24	3.85	1.33	0.16
1.63	1.9	0.08	1.41	5.21	4.1	1.24	0.15
1	2.3	0.08	1.17	5.1	4.25	1.65	0.14
0.82	2	0.07	0.91	4.44	4.1	1.55	0.11
1.18	1.75	0.07	0.97	4.42	4.05	1.52	0.13
0.4	1.05	0.02	0.18	1.04	3.4	4.69	0.02
0.32	1.05	0.02	0.16	1.14	3.4	4.76	0.03
0.37	0.45	0.07	0.17	0.48	4.2	4.41	0
0.68	1.2	0.04	0.2	1.71	4	3.53	0.04
0.9	1.6	0.05	0.6	2.35	4.2	3.1	0.08
0.58	2.02	0.06	0.77	2.52	4.1	2.94	0.09
0.79	1.75	0.05	0.69	2.63	4.6	2.68	0.09
0.19	2.5	0.06	0.64	2.55	4.1	2.88	0.1
0.37	2.81	0.05	0.81	2	3.05	4.89	0.16
0.44	2	0.05	0.58	1.81	3.3	3.81	0.09
0.58	1.35	0.05	0.42	1.35	3.55	4.49	0.08
0.44	1.1	0.07	0.29	0.92	3.55	4.13	0.04
0.35	7.85	0.17	3.4	1.67	1.62	3.85	0.08
0.47	5.05	0.1	6.35	5.35	0.46	2.9	0.15
1.22	4.55	0.1	3.5	5.4	2.75	1.95	0.16
1.06	3.4	0.05	2.3	3.35	2.4	2	0.18

1.72	5.05	0.13	3.4	6.3	4.35	0.25	0.17
1.6	3	0.1	0.2	1.6	3.4	2.8	0.04
3.3	6.9	0.1	6.6	5.5	5	0.1	0.2
1.4	2.2	0.1	-0.1	2.3	3.7	2.3	0.05
0.8	0.3	-0.1	0.5	0.6	2	3.4	-0.01
0.4	0.3	-0.1	-0.1	1.1	2.4	2	-0.01
0.8	0.4	-0.1	0.2	0.1	2.6	4.3	-0.01
0.3	0.4	-0.1	-0.1	0.8	4.1	1.7	-0.01
0.3	0.7	-0.1	0.2	2	3.3	2.2	-0.01
0.1	0.4	-0.1	-0.1	0.6	3.5	1.5	-0.01
2.8	8.7	0.2	4.5	7.8	2.6	0.5	0.41
1.1	0.8	-0.1	0.3	1.8	4.7	1.5	0.04
0.2	0.4	-0.1	-0.1	1.3	4.6	0.8	-0.01
0.1	0.44	0	0.31	1.6	3.23	5.14	0
0.39	1.56	0.02	0.93	4.33	3.5	0.96	0.05
0.55	1.06	0.03	0.97	3.96	4	1.6	0.04
0.61	0.78	0.04	0.68	3.02	4.28	1.33	0.02
0	0.55	0.32	0.16	0.73	4	6.07	0.06
0.84	2.5	0.08	1.26	5.16	4.2	1.4	0.15
1.39	1.34	0.05	0.98	2.56	2.96	3.33	0.05
2.74	0	0.05	0.63	2.55	4.15	2.93	0.09
1.65	5.5	0.11	8.69	13.2	1.05	0.1	0.03
3.35	5.73	0.16	3.81	8.36	2.35	1.81	0.41
1.38	2.07	0.08	1.29	5.13	4.02	1.39	0.15
9.3	0.4	0.12	21.6	-0.1	-0.1	-0.02	-0.02
5.4	1.4	0.04	1.2	6.4	4.6	0.22	0.14
2.3	2.8	0.2	2.3	8.3	2.4	3.42	0.22
2.6	8.6	0.2	7.5	11.7	1.2	0.38	0.08
8.1	7.7	0.24	5.8	10	1.9	0.42	0.18
3.4	3.8	0.08	1.9	8.3	4.8	0.6	0.2
2	12.1	0.22	4.6	9.6	2.1	0.7	0.3
2.6	10.7	0.22	7	10.9	2	0.38	0.2
0.4	3.2	0.1	2.8	8.3	1.8	0.38	0.16
0.9	4.9	0.1	5.1	11.7	2.3	0.46	0.26
1.1	7.7	0.18	7.9	8.8	3.1	0.86	0.02
0.5	1.1	0.06	0.5	3	4	1.66	0.04
0.5	1	0.06	0.5	3	3.9	1.42	0.04
0.6	1.6	0.02	1	2.5	2.3	2.4	0.02
1.7	3.7	0.1	3.4	6	3.2	2.26	0.2
1.1	3.9	0.12	2.3	2.1	2.2	2.94	0.16
2.1	6.5	0.16	7.8	11.5	2.8	0.68	0.2
3.6	8	0.2	7.5	11.3	2.2	0.76	0.18
0.6	1.6	0.04	1.3	1.6	3.4	2.6	0.04
0.3	0.9	0.02	0.4	0.9	1.1	8.28	-0.02
1.7	5.8	0.14	8.8	15.1	1.1	0.44	0.16
1.4	3.9	0.1	4.9	15	1.6	0.3	0.08
0.3	1.5	0.02	0.7	5	3.3	0.8	0.08
-0.1	0.5	0.02	-0.1	1.5	3.1	5.22	-0.02
1.6	4.6	0.12	2.3	6.1	2.6	1.42	0.12
4	3.9	0.14	4.7	3.8	4	0.04	0.14
2.8	2.2	0.08	1.7	3.3	6.1	0.1	0.1
3.6	0.7	0.08	0.7	2.3	7.1	0.08	0.16
2.3	3.9	0.14	3.9	8.7	5.1	0.3	0.12
2	1.5	0.06	1.3	1.1	6.8	0.28	0.06
6.2	6.4	0.18	3.8	6	4.9	0.16	0.3
7.5	6.3	0.18	4	5.7	5.2	0.14	0.32

5.1	6.9	0.22	5.9	8.4	3.4	0.78	0.48
10.3	1.5	0.14	4	6.3	5.3	0.18	0.2
2.1	1	0.06	0.8	3.2	2.7	2.42	0.06
0.6	0.3	-0.02	-0.1	0.4	2.1	6.42	-0.02
1.4	4.4	0.1	2	4.9	3.5	2.2	0.26
5	4.3	0.18	6	7.2	5.6	0.16	0.26
2.3	4.2	0.12	2.8	7.8	3.4	0.36	0.14
4.9	2.1	0.1	2.6	5.4	6.3	0.08	0.24
2.5	6.9	0.16	9.9	10.8	2.4	0.16	0.16
2.8	4.5	0.12	3.3	2.3	5.7	0.54	0.3
1.5	4.8	0.1	3.8	4.7	5.5	0.22	0.12
1	1.7	0.16	1.1	5.3	3.2	0.14	0.06
1.1	5.9	0.14	3.8	6.7	2	1.9	0.14
3.15	0.76	0.05	2.1	3.03	3.52	2.47	0.18
0.06	0.12	-0.01	0.02	0.19	1.86	5.35	0.02
0.71	0.15	0.01	0.05	0.17	1.37	5.86	0.12
1.62	6.14	0.14	0.32	2.43	2.25	4.66	0.2
1.21	9.39	0.17	5.85	11.1	2.14	0.45	0.09
3.87	3.25	0.13	2.82	5.53	3.16	2.9	0.54
1.06	5.38	0.15	4.27	6.15	3.55	1.79	0.14
2.43	6.66	0.14	4.22	6.23	3.01	2.32	0.82
2.13	0	0.05	0.65	1.8	3	5.03	0.14
1.58	0	0.03	0.7	2.28	4	3.42	0.1
1.41	0	0.52	0.66	1.36	3.14	5.5	0.08
0.66	0	0.02	0.96	0.93	4.37	2.03	0.09
0.66	1.1	0.02	0.96	0.93	4.37	2.03	0.09
0.19	0	0.05	0.46	0.49	3.41	1.6	0.02
0.19	0.55	0.05	0.46	0.49	3.41	1.6	0.02
1.85	0	0.22	7.03	10.2	1.4	1.6	0.14
1.85	10.74	0.22	7.03	10.2	1.4	1.6	0.14
1.16	0	0.01	1.49	0.01	0.16	7.25	0.02
1.16	0.51	0.01	1.49	0.01	0.16	7.25	0.02
0.75	0	0.01	0.64	0.05	1.63	3.33	0.09
0.75	0.38	0.01	0.64	0.05	1.63	3.33	0.09
1.4	0	0.01	1.5	32.37	1.47	1.27	0.15
1.4	0.34	0.01	1.5	32.37	1.47	1.27	0.15
3.5	0	0.16	0.38	0.02	0.27	2.17	0.06
3.5	1.39	0.16	0.38	0.02	0.27	2.17	0.06
0.76	0	0.03	12.15	16.33	0.23	1.45	0.06
0.76	0.62	0.03	12.15	16.33	0.23	1.45	0.06
0.05	0	0.01	18.64	29.56	0.13	0.03	0.04
0.05	0.66	0.01	18.64	29.56	0.13	0.03	0.04
0.52	0.85	0.06	0.33	1.19	3.57	4.66	0.1
0.63	1.54	0.05	0.62	1.96	2.93	4.79	0.15
0.1	0.41	0.02	0.17	0.85	3.4	4.37	0.09
0.23	1.26	0.03	0.47	2.45	3.95	2.7	0.06
0.31	1.37	0.02	0.55	2.23	3.55	3.12	0.1
0.2	0.96	0.03	0.34	1.32	3.51	3.78	0.07
0.42	1.31	0.02	0.45	1.42	3.15	3.89	0.11
1.25	5.99	0.12	4.15	7.25	2.63	1.73	0.14
1.75	6.26	0.13	8.16	10.56	1.59	0.63	0.08
0.77	1.21	0.04	0.27	1.38	3.54	4.2	0.04
0.19	0.26	0.01	0.24	0.19	4.19	3.82	0.05
0.22	1.19	0.01	0.59	1.69	2.73	4.63	0.08
0.48	0	0.03	0.37	1.09	2.18	3.2	0.05
0.48	1.09	0.03	0.37	1.09	2.18	3.2	0.05

0.81	0	0.18	4.2	2.42	1.4	3.22	0.17
0.81	5.19	0.18	4.2	2.42	1.4	3.22	0.17
1.09	0	0.08	4.04	1.08	0.16	3.43	0.15
1.09	6.62	0.08	4.04	1.08	0.16	3.43	0.15
2.3	0	0.11	6.23	7.77	2.75	2.09	0.22
2.3	4.88	0.11	6.23	7.77	2.75	2.09	0.22
2.39	0	0.13	2.9	1.08	0.01	0.06	0.76
2.39	26.99	0.13	2.9	1.08	0.01	0.06	0.76
1.68	0	0.03	4.05	0.47	0.4	3.45	0.19
1.68	4.93	0.03	4.05	0.47	0.4	3.45	0.19
1.62	0	0.14	3.99	2.76	1.34	3.73	0.18
1.62	4.51	0.14	3.99	2.76	1.34	3.73	0.18
1.39	0	0.22	7.21	8.04	2.66	1.44	0.16
1.39	9.99	0.22	7.21	8.04	2.66	1.44	0.16
3.12	0	0.41	4.82	8.96	3.42	0.14	0.17
3.12	9.1	0.41	4.82	8.96	3.42	0.14	0.17
0.59	0	0.14	4.33	3.36	0.67	3.79	0.16
0.59	5.22	0.14	4.33	3.36	0.67	3.79	0.16
66.53	0	0.07	0.04	0.04	0.01	0.02	0.11
66.53	0.44	0.07	0.04	0.04	0.01	0.02	0.11
5.38	0	0.12	2.48	0.93	0.04	0.18	0.57
5.38	27.69	0.12	2.48	0.93	0.04	0.18	0.57
1.12	0	0.1	4.8	1.65	1.18	3.08	0.16
1.12	5.82	0.1	4.8	1.65	1.18	3.08	0.16
0.73	0	0.2	4.02	2.48	4.09	1.4	0.15
0.73	6.7	0.2	4.02	2.48	4.09	1.4	0.15
0.66	0	0.28	6.94	10.41	0.46	2.21	0.13
0.66	3.8	0.28	6.94	10.41	0.46	2.21	0.13
0.91	0	0.07	5.63	5.81	0.8	3.76	0.12
0.91	3.64	0.07	5.63	5.81	0.8	3.76	0.12
1.31	0	0.15	3.95	2.45	1.56	3.68	0.17
1.31	4.5	0.15	3.95	2.45	1.56	3.68	0.17
0.85	0	0.32	5.62	5.96	4.11	0.88	0.13
0.85	5.32	0.32	5.62	5.96	4.11	0.88	0.13
0.56	0	0.16	10.51	10.14	0.6	1.42	0.15
0.56	5.48	0.16	10.51	10.14	0.6	1.42	0.15
0.25	0	0.2	10.79	12.24	0.76	1.1	0.16
0.25	5.43	0.2	10.79	12.24	0.76	1.1	0.16
0.79	0	0.17	10.25	12.1	1.01	1.29	0.13
0.79	4.7	0.17	10.25	12.1	1.01	1.29	0.13
1.39	0	0.22	6.2	7.57	0.28	2.24	0.16
1.39	4.79	0.22	6.2	7.57	0.28	2.24	0.16
4.07	0	0.24	2.06	1.29	0.13	0.44	0.69
4.07	33.25	0.24	2.06	1.29	0.13	0.44	0.69
1.08	0	0.12	4.94	4.76	1.51	3.57	0.2
1.08	5.04	0.12	4.94	4.76	1.51	3.57	0.2
1.01	0	0.11	4.25	4.74	1.3	2.94	0.17
1.01	4.53	0.11	4.25	4.74	1.3	2.94	0.17
6.84	0	1.37	2.47	0.26	2.54	3.24	0.16
6.84	2.76	1.37	2.47	0.26	2.54	3.24	0.16
3.17	0	0.67	4.34	0.62	0.03	0.03	0.23
3.17	28.51	0.67	4.34	0.62	0.03	0.03	0.23
40.48	0	0.1	1.71	1.31	0.41	0.25	0.49
40.48	2.49	0.1	1.71	1.31	0.41	0.25	0.49
0.82	0	0.48	4.58	2.26	0.96	4.31	0.21
0.82	5.26	0.48	4.58	2.26	0.96	4.31	0.21

1.15	0	28.27	3.39	3.83	0.05	0.05	0.16
1.15	9.63	28.27	3.39	3.83	0.05	0.05	0.16
3.24	0	20.89	5.44	2.3	0.03	0.25	0.75
3.24	27.77	20.89	5.44	2.3	0.03	0.25	0.75
5.23	0	0.05	3.53	0.79	0.94	2.78	0.17
5.23	9.81	0.05	3.53	0.79	0.94	2.78	0.17
1.54	0	0.19	10.02	5.89	0.32	1.21	0.13
1.54	9.57	0.19	10.02	5.89	0.32	1.21	0.13
1.3	0	0.17	11.3	12.2	1.2	0.8	0.05
1.3	6.8	0.17	11.3	12.2	1.2	0.8	0.05
16.7	0	0.21	4.62	9.41	2.75	0.76	0.21
7.73	0	0.21	0.24	3.21	5.89	4.91	0.1
7.52	0	0.14	0.28	2.57	6.7	4.01	0.09
11.35		0.17	6.86	9.25	3.28	0.19	0.14
12.74		0.21	6.38	8.3	3.08	0.05	0.27
12.71		0.21	6.24	11.02	2.12	0.24	0.17
10.54		0.16	8.28	11.94	2.24	0.65	0.21
9.02		0.17	6.71	10.36	3.57	0.75	0.11
10.55		0.17	6.65	10.06	3.6	0.28	0.08
15.52		0.23	5.4	9.16	3.88	0.41	0.26
8.15		0.17	4.74	10.17	2.59	0.82	0.13
9.63		0.16	6.54	8.55	4.6	0.36	0.08
10.66		0.21	5.21	11.89	1.92	0.31	0.15
8.86		0.15	5.34	12.45	2.58	0.15	0.13
10.36		0.24	2.64	15.05	0.84	0.17	1.12
12.13		0.09	1.89	11.21	1.8	1.33	0.15
4.89		0.24	3.06	16.2	2.83	0.85	0.1
12.94		0.18	5.49	11.44	3.33	0.15	0.18
11.18		0.2	7.89	10.59	2.72	0.47	0.11
8.94		0.16	2.63	15.57	0.32	0.62	0.2
5.14		0.07	5.36	6.78	3.68	3.33	0.1
10.17		0.29	2.08	10.75	7.24	0.19	0.23
6.76		0.13	6.07	12.5	3.26	0.32	0.08
8.41		0.23	5.91	13.01	2.89	0.74	0.12
10.8		0.17	5.24	11.35	5.14	0.48	0.26
9.02		0.11	5.86	7.16	4.27	1.86	0.21
12.89		0.31	2.65	9.41	6.03	0.78	0.68
12.42		0.19	4.82	4.48	6.32	0.58	0.5
11.82		0.19	6.98	8.84	2.95	0.71	0.21
11.4		0.18	7.31	9.74	2.88	0.55	0.21
12.11		0.13	-0.01	0.25	6.61	4.88	0.12
11.7		0.17	4.03	7.32	6.41	1.04	0.63
13.59		0.21	6.89	10.26	3.62	0.71	0.41
11.73		0.17	3.2	13.7	5.14	1.38	0.46
12.73		0.13	3.73	3.53	5.26	1.8	0.77
15.96		0.12	4.35	3.76	5.29	1.37	0.79
7.2		0.14	0.22	0.56	7.98	3.23	0.39
14.88		0.2	25.39	4.29	0.17	0.05	0.13
12.24		0.13	3.55	10.2	5.98	1.19	0.96
14.28		0.15	4.83	4.06	3.92	2.24	1.71
8.65		0.16	2.12	19.24	0.48	0.13	0.32
12.92		0.23	6.09	15.21	2.08	0.34	0.4
7.91		0.24	2.54	9.62	6.77	0.8	1.15
2.52		0.01	-0.01	0.1	5.42	6.51	0.08
3.66		0.1	0.58	0.05	6.69	5.6	0.04
3.6		0.19	-0.01	0.17	8	3.6	0.04

0.9	0.01	-0.01	0.07	6.71	5.3	0.07
3.9	0.25	-0.01	0.54	10.75	4.42	0.02
3.52	0.23	-0.01	0.41	10.47	4.72	-0.01
3.73	0.24	-0.01	0.47	10.66	4.62	0.02
3.6	0.25	-0.01	0.36	11.18	4.63	-0.01
3.52	0.24	0.28	0.18	11	4.1	0.02
10.7	0.16	5.88	7.29	4.64	1.64	1.24
8.94	0.13	5.68	7.65	4.48	1.33	0.83
12.23	0.19	1.28	18.31	0.68	2.27	0.23
13.14	0.22	7.32	9.51	3.05	0.33	0.14
13.29	0.2	9.95	7.84	3.53	1.22	0.61
10.86	0.19	6.11	12.5	3.22	0.09	0.16
11.5	0.12	3.7	6.47	5.38	0.2	0.43
10.64	0.21	2.4	15.02	2.77	0.08	0.17
11.16	0.2	8.13	9.62	2.38	0.5	0.1
13.05	0.14	2.48	5.79	5.18	0.16	0.41
10.72	0.18	7.24	10.87	2.39	0.42	0.11
10.88	0.18	7.74	9.79	1.87	0.22	0.13
7.97	0.13	5.45	12.86	2.39	0.07	0.15
8.77	0.15	4.75	14.73	4.11	0.41	0.18
11.71	0.17	6.85	10.38	4.04	0.22	0.16
10.38	0.16	7.44	11.24	2.73	0.71	0.15
11.95	0.19	3.58	12.13	4.56	0.13	0.65
9.62	0.14	6.02	10.96	4.46	0.42	0.15
8.37	0.12	5.56	11.35	4.36	0.81	0.15
11.26	0.17	6.92	11.79	3.23	0.27	0.16
11.8	0.17	6.82	13.25	1.81	0.12	0.19
11.05	0.18	6.96	8.47	5.19	0.1	0.17
9.17	0.18	4.86	12.5	4.41	0.06	0.16
6.94	0.15	3.57	20.5	3.76	0.03	0.13
11.18	0.17	6.63	12.01	3.24	0.35	0.14
9.56	0.32	5.05	5.96	5.46	0.22	0.12
8.87	0.16	5.34	11.88	2.66	0.05	0.15
11.6	0.18	6.37	12.02	3.12	0.16	0.14
10.67	0.18	5.26	13.16	3.37	0.1	0.13
11.64	0.18	5.43	6.72	3.78	0.1	0.14
5.23	0.03	2.12	0.26	1.89	1.84	0.09
11.39	0.26	7.61	7.95	2.87	2	0.11
12.06	0.12	4.56	0.82	2.91	1.33	0.18
5.98	0.07	1.88	0.13	1.92	3.05	0.11
10.42	0.15	6.18	10.82	3.91	0.23	0.15
6.33	0.14	2.29	3.31	5.79	0.96	0.23
5.48	0.06	0.2	0.57	7.81	0.39	0.09
2.32	0.05	0.65	1.4	5.61	0.95	0.07
11.95	0.16	4.51	15.42	4.18	0.07	0.32
13.52	0.18	3.06	6.56	6	0.17	0.68
4.71	0.08	1.54	2.8	1.34	4.16	0.16
2.87	0.1	2.11	4.72	4.43	0.04	0.14
14.02	0.16	1.95	6.27	7.56	0.14	0.89
5.16	0.02	0.13	0.16	6.94	2.91	0.04
15.21	0.05	0.12	1.8	8.77	0.44	1.19
7.91	0.03	-0.01	0.28	7.45	1.79	0.09
11.06	0.17	3.58	15.14	4.9	0.5	0.31
6.09	0.13	0.88	5.6	7.02	0.78	0.28
12.38	0.23	2.95	7.26	7.09	0.16	0.55
9.15	0.13	7.96	14.54	2.41	0.32	0.21

1.96		0.03	-0.01	0.17	4.98	1.07	0.01
2.28		0.1	0.12	2.88	4.11	1.72	0.1
2.74		0.06	0.67	2.23	4.34	0.98	-0.01
8.91		0.12	1.75	10.68	2.25	0.07	0.35
4.29		0.07	1.87	2.77	2.38	1.96	0.15
12.03		0.19	4.92	10.81	4.4	0.3	0.18
11.58		0.18	7.12	8.58	2.47	1.18	0.18
7.09		0.15	2.67	0.51	1.17	4.03	0.16
1.36		0.03	0.23	2.23	5.41	1.56	0.05
4.27		0.07	1.46	1.67	4.22	2.08	0.12
5.18		0.09	2.55	8.78	5.59	0.75	0.13
1.36		0	0.57	0.19	0.29	3.78	0.09
0.85		0	0.15	0.17	0.41	1.26	0.11
2.14		0.01	0.46	0.16	0.31	2.64	0.05
9.67		0.15	6.13	10.43	3.19	0.3	0.12
11.55		0.19	7.5	10.96	3.39	0.42	0.18
5.46		0.05	1.19	0.82	5.08	0.16	0.11
12.72		0.41	7.12	9.2	3.96	0.31	0.26
5.37		0.1	5.22	10.74	1.78	2.64	0.11
9.45		0.15	6.49	8.49	1.78	1.45	0.12
9.77		0.17	6.52	10.93	2.34	0.75	0.14
16.74		0.09	0.96	3.78	6.29	1.22	0.32
7.83		0.13	4.62	12.24	2.74	1.12	0.14
8.72		0.16	7.2	10.69	3.21	0.25	0.23
10.86		0.16	8.01	10.59	2.18	0.12	0.14
5.47	0	0.08	0.68	0.79	6.88	4.61	0.04
11.93	0	0.32	1.17	4.11	6.07	1.99	0.22
14.77	0	0.24	3.2	5.57	5.12	1.07	1.65
11.69	0	0.12	2.47	4.78	6.62	0.35	1.26
15.56	0	0.24	3.41	5.32	4.89	1.77	1.68
13.21	0	0.32	2.37	9.4	4.72	1.86	1.2
13.54	0	0.11	1.47	7.05	7.1	0.42	1.12
10.09	0	0.15	3.67	7.44	4.34	1.31	1.03
12.07	0	0.14	5.63	11.58	3.31	0.23	0.43
12.15	0	0.17	4.58	15.94	2.17	1.64	0.58
8.89	0	0.13	9.99	9.72	0.45	0.96	0.14
7.38	0	0.19	0.68	1.49	5.17	4.93	0.17
14.63	0	0.17	23.86	5.78	0.22	0.14	0.06
13.06	0	0.16	7.53	10.56	2.68	1.48	0.37
11.1	0	0.18	2.17	8.68	4.54	0.98	1.02
5.64	0	0.13	1.7	6.26	5.4	2.36	0.07
10.35	0	0.17	4.58	10.86	2.23	0.75	0.35
12.99	0	0.17	25.08	5.46	0.11	0.03	0.12
11.79	0	0.15	4.98	9.07	3.93	0.28	0.32
10.47	0	0.13	4.98	9.64	4.47	1.23	0.3
10.41	0	0.17	5.64	12.75	2.79	1.24	0.28
13.5	0	0.17	3.15	6.74	3.4	1.39	0.71
12.36	0	0.16	5.96	10.3	4.06	1.27	0.27
12.75	0	0.17	5.73	7.98	3.43	2.36	0.43
12.32	0	0.17	4.94	10.69	3.89	0.76	0.28
9.97	0	0.16	4.59	14.31	4.41	0.43	0.31
10.3	0	0.12	4.8	14.76	2.81	0.08	0.25
13.83	0	0.2	4.2	12.35	3.85	0.23	0.3
13.57	0	0.13	4.66	5.52	3.02	1.35	0.75
13.64	0	0.21	3.56	7.67	4.22	0.55	0.73
11.77	0	0.15	5.17	10.66	4.55	0.34	0.36

7.4	0	0.11	0.7	1.96	6.34	4.13	0.11
10.55	0	0.17	4.46	13.99	3.77	1.26	0.24
14.11	0	0.18	6.82	10.94	1.86	0.36	0.49
13.15	0	0.15	4.37	13.16	3.31	0.54	0.34
12.59	0	0.2	9	9.93	0.72	0.1	0.4
14	0	0.18	5.96	9.96	2.29	1.5	0.4
13.28	0	0.23	3.6	10.03	2.52	0.93	0.56
12.83	0	0.16	3.18	16.47	2.7	0.65	0.59
14.06	0	0.13	1.45	6.1	6.28	1.52	1
15.09	0	0.17	3.75	14.09	0.13	0.03	0.54
11.61	0	0.15	3.7	8.51	3.55	0.93	0.48
12.25	0	0.17	2.61	8.85	2.35	0.76	0.52
12.56	0	0.16	2.52	7.57	4.33	2.32	1.04
11.96	0	0.13	5.13	14.49	3.65	0.6	0.32
1.73	0	0.006	2.62	1.06	0.464	0.18	0.08
9.27	0	0.14	7.4	13.5	2.78	0.07	1
9.26	0	0.14	7.83	12.9	2.6	1.23	0.07
9	0	0.15	7.14	13.8	3.56	0.3	0.08
9.53	0	0.17	7.49	13.4	3.14	0.11	0.09
10.3	0	0.17	7.83	10.8	3.39	0.47	0.11
12.147	0	0.15	5.05	5.4	3.74	1.74	0.358
10.28	0	0.14	7.47	11.79	2.87	0.33	0.16
7.5568	0	0.14	6.64	7.53	2.49	1.52	0.16
13.8534	0	0.2	4.56	2.18	2.32	1.76	0.19
10.31	0	0.15	6.75	11.94	3.76	0.2	0.26
16.58	0	0.15	10.47	10.45	0.48	1.04	0.16
10.53	0	0.19	0.75	4.26	6.29	2.3	0.28
17.25	0	0.25	4	7.26	2.9	1.04	0.41
14.1121	0	0.17	7.5	5.09	1.82	0.43	0.17
10.77	0	0.17	7.72	11.66	2.83	0.74	0.16
10.67	0	0.17	2.73	7.05	4.05	1.64	0.79
13.14	0	0.15	2.07	3.03	6.77	0.39	0.73
11.11	0	0.29	1.24	9.09	5.81	2.08	1.49
16.26	0	0.22	2.14	4.5	4.78	3.03	1.69
10.16	0	0.17	2.68	9.21	2.44	2.32	0.86
12.52	0	0.19	2.93	16.57	4.24	0.89	0.58
11.89	0	0.19	5.76	12.05	3.99	0.55	0.42
11.03	0	0.13	4.19	10.05	5.36	0.63	0.53
13.51	0	0.18	3.38	7.34	5.05	1.12	1.11
13.16	0	0.16	5.82	4.49	4.97	0.5	0.84
13.16	0	0.11	2.46	6.27	5.07	0.3	0.48
9.68	0	0.16	3.19	12.08	3.87	0.86	0.31
10.65	0	0.16	3.86	11.13	5.02	0.94	0.54
9.72	0	0.15	2.89	14.8	4.74	0.35	0.3
9.38		0.12	4.14	13.33	3.08	1.59	0.216
8.11		0.16	6.3	10.73	4.49	0.38	0.256
12.29		0.16	4.23	6.66	4.99	0.58	0.493
12.03		0.18	3.38	7.61	5.62	0.41	0.542
9.35		0.16	4.53	10.41	2.7	2.23	0.232
11.81		0.15	2.14	8.75	5.41	0.36	0.463
2.74	0	0.02	0.37	0.21	0.79	7.19	0.06
4.04	0	0.06	1.76	3.38	4.01	2.16	0.17
4.2	0	0.07	1.69	3.2	3.79	2.32	0.19
7.8	0	0.12	3.9	5.61	3.34	1.97	0.32
2.21	0	0.03	0.46	0.86	3.49	2.48	0.1
11.9	0	0.35	11.35	11.35	0.3	0.15	0.49

10.7		0.16	6.3	9.17	3.1	0.98	0.22
6.966		0.12	3.17	1.98	5.39	0.61	0.28
1.3887		0.01	0.67	0.07	3.94	3.53	0.06
11.3126		0.18	7.29	11.06	2.72	0.66	0.17
6.93		0.12	2.25	4.46	4.3	1.57	0.49
9.75		0.17	4.15	6.73	3.7	1.75	1.1
5.2464		0.09	1.62	1.63	4.98	4.09	0.234
5.2542		0.09	1.68	1.65	4.77	4.13	0.238
1.23		0.04	0.1	0.11	5.3	0.78	0.05
1.1509		0.01	0.1	0.21	5.92	0.73	0.04
10.5923		0.22	6.03	7.66	3.26	0.93	0.15
12.06		0.18	5.4	7.3	3.59	1.01	0.18
7.78	0	0.08	5.07	7.96	4.03	1.71	0.42
9.78	0	0.13	6.41	9.54	5.37	0.07	0.42
7.22	0	0.1	3.29	5.71	4.09	4.04	0.45
7.17	0	0.13	3.64	6.06	4.44	3.65	0.47
7.28	0	0.14	3.66	5.8	4.41	3.98	0.46
7.62	0	0.13	3.66	5.91	4.2	4.15	0.48
14.74	0	0.22	4.41	8.38	3.87	0.73	0.92
14.09	0	0.26	4.13	7.46	3.89	1.31	1.13
1.16	0	0	0.34	0.19	2.96	4.66	0.03
1.52	0	0.02	0.33	0.37	3.37	4.48	0.03
10.97		0.19	6.38	9.67	2.52	1.04	0.16
11.33		0.18	6.37	8.84	2.75	0.99	0.16
10.92		0.18	7.22	11.15	2.5	0.84	0.15
10.99		0.18	6.69	10.32	2.42	0.48	0.15
0.2		5.78	8.24	3.15	1.26	1.37	0.17
11.96		0.2	5.72	8.3	3.21	1.2	0.18
11.83		0.2	5.92	8.62	3.15	1.12	0.18
10.32		0.16	6.39	11.04	2.83	0.74	0.14
10.44		0.16	5.84	11.44	3.09	0.73	0.16
11.48		0.18	7	11.1	2.69	0.74	0.17
10.96		0.17	6.78	11.42	2.57	1.09	0.16
9.91		0.15	6.94	12.24	2.5	0.56	0.13
9.79		0.13	4.65	10.58	2.91	0.54	0.21
0.17		6.38	10.23	2.5	1.73	1.47	0.15
11.15		0.18	5.49	7.34	3.57	1.88	0.19
10.13	0	0.18	0.1	1.7	6.12	4.7	0.11
12.55	0	0.14	2.98	9.18	5.05	1.34	0.5
3.5	0	0.25	0.04	0.4	11.49	4.35	0
6.86	0	0.11	5.83	7.2	3.91	2.14	0.36
7.05	0	0.1	5.07	6.94	3.64	1.88	0.21
4.55	0	0.03	2.35	3.52	4.91	1.97	0.22
3.06	0	0.03	1.45	3.56	5.4	1.73	0.17
4.23	0	0.05	2.3	2.36	6.42	1.67	0.33
5.59	0	0.05	2.96	5.28	5.67	0.61	0.28
11.69	0	0.16	4.05	8.42	4.57	1.02	0.42
10.56	0	0.17	7.36	9.24	3.56	0.92	0.28
9.12	0	0.14	6.54	9.66	3.19	1.1	0.41
4.01	0	0.24	1.25	10.32	3.77	2.26	0.41
8.15	0	0.35	1.09	22.08	3.24	1.45	0.45
9.01	0	0.11	5.71	13.77	5.77	0.69	0.27
10.52	0	0.15	3.41	15.87	5.05	0.79	0.25
15.35	0	0.156	4.58	7.9	3.89	0.756	0.338
6.86	0	0.04	2.26	0.57	0.575	4.39	0.1
12	0	0.36	4.26	10.35	3.28	1.525	0.148

6.23	0	0.014	0.07	0	5.16	2.83	0.055
2.95		0.021	0.2	0.39	3.73	3.22	0.032
2.5		0.008	0.12	0.31	5.32	3.68	0.027
10.85	0	0.171	7.33	10.9	2.64	0.649	0.128
9	0	0.143	8.53	7.94	0.467	0.456	0.073
6.29	0	0.066	1.16	0.21	0.042	0.088	0.119
5.68	0	0.094	2.27	-0.01	0.051	0.381	0.107
10.05	0	0.164	3.58	7.93	4.6	0.075	0.444
7.37	0	0.051	3.01	0.25	0.044	0.707	0.017
23.8	0	0.028	0.97	0.58	0.273	0.147	0.053
24.2	0	0.072	1.95	0.34	0.086	0.065	0.078
27.5	0	0.086	4.15	0.27	0.215	0.142	0.04
12.85	0	0.008	0.23	-0.01	0.04	0.033	0.117
52.1	0	0.108	4.42	8.68	-0.001	-0.001	0.171
6.42	0	0.044	2.42	1.23	2	3.89	0.206
4.57	0	0.05	1.62	1.71	3.26	1.725	0.157
7.34	0	0.085	3.16	0.76	1.32	3.78	0.16
6.58	0	0.877	2.67	3.56	0.132	4.82	0.125
8.45	0	0.313	0.1	0.11	6.49	4.38	0.054
29.4	0	-0.001	0.1	0.38	0.078	0.123	0.038
42.5	0	0.001	0.11	0.38	0.077	0.051	0.043
5.16	0	0.048	0.05	0.2	0.047	0.124	0.07
4.16	0	0.02	0.81	0.36	0.07	1.88	0.3
1.58	0	0.01	0.16	0.21	0.79	0.53	0.23
7.23	0	0.1	1.78	1.3	1.8	2.32	0.17
5.56	0	0.08	2.55	4.23	3.22	2.61	0.21
4.61	0	0.07	1.88	3.11	3.23	3.26	0.2
5.47	0	0	0	0.03	0	1.19	0.4
0.88	0	0	0.38	0.85	3.04	5.76	0.1
4.63	0	0.08	2.23	4.48	3.75	2.23	0.21
4.66	0	0.07	2.25	4.16	3.34	2.07	0.21
3.6	0	0.04	0.89	11.8	4.35	2.02	0.3
0.35	0	0	0	0.31	6.5	0.79	0.01
4.54	0	0.06	1.87	3.57	3.37	3.2	0.2
4.83	0	0.05	1.94	2.43	3.14	3.14	0.21
4.3	0	0.07	2.14	3.8	3.45	2.98	0.2
6.53	0	0.14	4.11	6.01	3.92	1.99	0.2
11.85	0	0.19	6.79	10.47	4.59	0.21	0.28
12.61		0.2	4.41	10.88	3.2	0.23	0.18
10.78		0.17	7.42	11.03	2.9	0.26	0.11
11.66	0	0.13	2.24	2.28	4.96	3.61	0.98
3.43	0	0.25	0.06	0.51	11.05	3.66	-0.01
15.24	0	0.12	2.68	4	6.13	0.88	0.68
11.72	0	0.11	2.85	2.95	5.08	2.53	1.05
4.57	0	0.01	0.16	0.43	7.44	4.16	0.29
11.64	0	0.19	7.24	9.89	2.77	0.45	0.17
13.66	0	0.17	6.76	10.51	2.63	0.68	0.51
12.63	0	0.16	6.92	10.25	3.53	0.09	0.4
3.54	0	0.25	0.02	0.4	11.01	4.53	-0.01
11.97	0	0.19	7.13	9.7	2.46	0.49	0.17
9.27	0	0.15	7.05	9.13	3.22	0.94	0.21
8.87	0	0.14	7.05	8.91	3.28	0.95	0.15
7.95	0	0.15	4.7	7.71	3.82	1.76	0.24
7.93	0	0.13	4.73	7.38	3.87	1.8	0.24
7.82	0	0.12	4.79	7.29	3.97	1.17	0.24
6.92	0	0.13	3.37	5.09	4.43	1.83	0.3

7.82	0	0.15	5.7	6.6	3.84	1.44	0.14
5.22	0	0.09	3.04	4.72	4.24	2.16	0.21
8.31	0	0.15	7.38	7.92	3.37	1.18	0.14
8.74	0	0.15	6.98	7.76	3.53	1.06	0.18
7.84	0	0.14	8	8.43	2.89	0.89	0.05
13.41	0	0.29	7.7	10.06	2.24	0.66	0.11
3.45	0	0.02	0.82	1.52	4.19	3.47	0.14
3.22	0	0.03	1.16	1.75	4.43	3.29	0.14
4.24	0	0.05	3.38	0.78	3.29	3.32	0.16
3.27	0	0.04	1.95	1.96	4.11	3.1	0.13
3.29	0	0.05	1.78	2.27	4.8	3.69	0.14
3.67	0	0.06	1.88	1.87	5.96	2.19	0.14
2.4738	0	0.02	0.1	0.25	4.07	2.65	0.01
2.666	0	0.01	0.12	0.99	3.59	3.14	0.02
7.82	0	0.13	2.24	4.4	4.23	1.74	0.5
10.5	0	0.19	7.32	7.4	2.68	1.03	0.26
2.46	0	0.13	0.19	0.58	5.08	0.84	0.03
9.29	0	0.14	4.77	7.05	3.13	1.18	0.22
7.12	0	0.11	2.14	4.08	4.73	1.48	0.5
8.42	0	0.29	1.07	6.27	4.54	2.43	0.78
7.43	0	0.13	2	4.26	4.86	3.69	0.55
9.01	0	0.17	4.83	7.95	3.27	1.48	0.68
12.25	0	0.17	5.71	8.38	1.64	0.83	0.18
9.42	0	0.16	5.57	4.95	3.07	2.67	0.94
10.45	0	0.17	4.1	5.08	3.48	3.15	1.08
8.55	0	0.19	2.11	3.85	4.42	1.65	0.58
7.63	0	0.12	4.08	5.77	3.4	1.92	0.33
1.7	0	0.03	0.36	0.88	3.87	0.82	0.05
3.85		0.06	2.63	1.09	1.87	2.84	0.17
11.64		0.16	6.81	10.26	2.84	1.28	0.21
9.74	0	0.17	6.31	10.52	3.17	0.75	0.16
5.92		0.1	2.38	5.04	3.99	1.99	0.31
1.16		0	0.21	0.05	3.69	4.59	0.05
11.38		0.18	6.07	10.82	3.06	0.38	0.3
11.64		0.16	6.81	10.26	2.84	1.28	0.21
8.5		0.16	1.26	6.21	4.34	3.28	0.81
6.78		0.1	2.34	5.11	4.4	1.86	0.64
7.01	0	0.05	0.46	0.39	0.08	1.04	0.07
11.2784		0.13	5.51	8.04	2.34	1.04	0.31
11.6414		0.16	6.73	5.25	3.61	0.53	0.27
6.2374		0.21	0.87	4.63	5.25	0.13	0.2
9.642		0.2	6.93	13.6	2.69	0.33	0.14
9.93	0	0.18	7.97	11.26	3.74	0.36	0.17
10.97	0	0.23	8.13	17.22	1.36	0.16	0.2
9.04	0	0.19	7.17	11.14	3.62	0.59	0.15
11.31	0	0.19	7.32	10.03	3.5	0.81	0.2
10.69	0	0.18	6.42	11.16	3.4	0.69	0.17
11.2	0	0.19	7.15	10.55	3.41	0.63	0.19
6.3329		0.12	4.22	8.76	5.85	0.46	0.18
11.7926		0.14	3.62	6.38	4.81	0.55	0.36
16.0107	0	0.04	0.24	1.72	7.13	0.49	1.15
6.1497	0	0.02	0.22	0.23	5.42	2.4	0.063
6.6264	0	0.04	0.19	0.13	5.97	2.07	0.081
6.7321	0	0.03	0.24	0.11	6.28	2.17	0.076
1.2699	0	0.01	0.1	0.09	4.93	1.17	0.024
1.4174	0	0.01	0.07	0.09	4.71	1.18	0.032

1.2476		0.02	0.15	0.14	3.97	0.86	0.034
8.0375		0.17	1.13	5.56	6.19	0.49	0.28
9.1973		0.15	2.64	3.56	6.31	0.13	0.188
6.9611	0	0.14	5.22	6	5.4	0.81	0.11
10.7993	0	0.08	1.09	5.68	7.95	0.11	0.32
12.775		0.18	3.82	10.9	3.39	0.19	0.25
13.1635		0.26	3.62	12.8	1.57	0.19	0.54
9.27	0	0.16	5.89	7.12	3.95	0.87	0.22
12.52	0	0.2	3.51	7.82	4.79	1.4	0.38
12.86	0	0.2	3.74	10.53	4.77	0.23	0.39
11.99	0	0.12	2.74	6.47	7.02	0.13	1.21
10.9	0	0.17	6.88	10.97	4.42	0.22	0.2
0.58	0	-0.01	0.24	0.45	5.22	1.18	0.05
2.39	0	0.15	0.29	0.46	3.53	2.06	0.07
4.38	0	0.07	1.11	3.29	6.84	0.17	0.27
9.04	0	0.11	3.4	6.27	5.54	0.83	0.19
7.96	0	0.15	5.82	7.88	4.69	0.46	0.13
13.08	0	0.14	2.23	8.81	5.36	0.91	0.58
11.14	0	0.16	5.6	5.61	5	0.35	0.17
14.48	0	0.13	2.63	8.74	5.6	0.57	0.62
11.27	0	0.14	4.44	12.55	3	1.58	0.3
13.12	0	0.2	4.47	9.27	3.99	1.63	0.38
9.87	0	0.13	4.29	12.65	4.44	0.09	0.3
7.78	0	0.12	3.79	11.34	3.35	1.67	0.22
7.99	0	0.12	3.54	18.91	3.13	0.03	0.25
10.45	0	0.17	5.19	8.99	4.11	0.33	0.3
6.5	0	0.12	3.52	3.99	5.34	1.98	0.12
8	0	0.11	3.81	5.19	5.16	0.25	0.13
6.76	0	0.08	2.76	2.82	5.45	0.66	0.12
4.9	0	0.11	0.84	3.08	7.87	0.34	0.21
6.54	0	0.17	1.26	4.49	6.62	0.16	0.28
9.24	0	0.19	2.96	4.91	7.18	0.27	0.24
10.9	0	0.15	2.58	4.98	6.2	0.14	0.26
11.01	0	0.17	2.46	4.43	6.2	0.16	0.26
8.17	0	0.1	1.71	4.31	5.32	0.61	0.2
5.56	0	0.11	3.13	3.36	5.79	0.65	0.14
6.17	0	0.09	3.75	5.05	5.3	0.93	0.12
8.95	0	0.16	4.23	7.11	5.23	0.21	0.18
9.29	0	0.14	4.79	11.87	2.5	2.29	0.23
11.08	0	0.16	1.52	2.78	7.48	0.88	0.35
10.93	0	0.15	4.17	14.67	4.24	0.3	0.31
10.81	0	0.15	3.89	13.07	4.96	0.3	0.33
10.3	0	0.16	4.36	3.69	4.7	0.18	0.18
0.4	0	-0.01	0.26	0.17	-0.01	0.92	0.13
10.51	0	0.18	5.42	5.91	4.05	0.68	0.14
10.56	0	0.15	3.23	4.63	4.38	0.5	0.22
14.09	0	0.26	5.41	13.4	3.36	0.42	0.41
11.86	0	0.14	2.83	12.54	4.21	0.49	0.39
1.63	0	0.01	0.63	0.27	0.18	0.62	0.02
11.09	0	0.18	7.95	11.35	2.8	0.48	0.13
12.21	0	0.2	8.75	14.79	1.43	0.23	0.14
8.98	0	0.09	9.15	11.16	4.13	0.18	0.18
11.6	0	0.19	7.53	12.08	2.46	0.41	0.15
10.42	0	0.13	9.52	10.91	3.51	0.09	0.14
12.17	0	0.22	8.35	12.18	2.64	0.31	0.12
12.45	0	0.19	8.85	9.13	3.52	0.26	0.13

9.72	0	0.16	8.57	10.89	3.79	0.32	0.11
15.23	0	0.04	0.19	1.72	7.39	0.43	1.12
11.77	0	0.21	8.07	11.78	2.57	0.3	0.12
7.7	0	0.05	36.26	0.22	0.15	0.01	0.01
12.51	0	0.2	7.66	8.37	3.6	1.08	0.14
11.55	0	0.17	6.89	10.67	3.77	0.42	0.24
8.18	0	0.04	36.98	0.14	0.15	0.01	0.01
12.08	0	0.2	7.98	13.82	1.9	0.29	0.14
11.29	0	0.19	6.23	10.57	4.3	0.37	0.29
14.97	0	0.06	0.7	1.64	5.73	0.57	1.03
5.35	0	0.02	0.42	0.13	2.3	6.82	0.06
16.4	0	0.07	0.38	0.88	7.19	1.19	0.32
11.47	0	0.2	6.2	9.49	2.52	1.08	0.15
11.51	0	0.19	7.54	11.72	2.69	0.41	0.1
5.35	0	0.11	3.22	1.03	5.94	0.49	0.12
9.33	0	0.14	3.07	3.28	6.35	0.23	0.25
12.23	0	0.09	4.29	0.97	4.27	0.42	0.33
20.73	0	0.08	5.22	1.07	4.81	0.23	0.62
18.2	0	0.11	5.03	1.16	4.75	0.8	0.69
11.97	0	0.36	6.72	10.19	2.63	0.78	0.09
12.22	0	0.24	7	8.99	2.38	1.26	0.13
12.83	0	0.13	2.38	5.4	6.44	0.19	0.17
12.48	0	0.19	5.03	11.19	3.47	0.25	0.17
10.34	0	0.23	2.81	17.45	5.37	0.94	0.54
11.9	0	0.21	6.78	9.24	3.75	0.53	0.11
10.79	0	0.17	8.32	12.56	1.94	0.4	0.06
10.6	0	0.18	8.21	11.61	2.27	0.77	0.11
9.79	0	0.16	4.95	11.15	3.2	1.26	0.18
8.57	0	0.13	4.85	12.29	2.77	1.05	0.12
11.54	0	0.18	7.47	10.47	3.09	0.14	0.12
12.04	0	0.24	2.02	9.51	7.36	0.35	0.45
15.91		0.08	2.07	2.49	0.37	8.39	1.89
2.11		0.02	0.39	0.27	0.28	0.44	0.06
2.95		0.1	1.11	5.01	2.48	0.95	0.14
11.54	0	0.18	6.46	9.42	1.76	0.95	0.1
12.79	0	0.21	6.79	9.53	2.31	1.5	0.11
11.94	0	0.16	6.5	8.08	2.52	0.25	0.11
12.46	0	0.17	3.78	9.86	3.9	1.05	0.45
9.79	0	0.14	3.91	2.54	5.45	1.48	0.54
5.59	0	0.26	1.52	9.18	5.27	3.05	0.75
10.02	0	0.15	7.17	6.85	1.28	2.75	0.15
10.18	0	0.16	7.6	11.03	3.13	0.63	0.15
14.68	0	0.19	24.72	4.52	0.51	0.21	0.19
13.86	0	0.18	2.03	7.55	6.03	0.97	1
15.61	0	0.15	3.27	2.33	6.01	0.9	1.55
2.31		0.07	0.04	0.2	7.22	0.09	0.1
1.34		0.02	-0.01	0.82	1.8	0.9	0.009
7.32		0.15	5.77	13.41	1.97	0.15	0.068
8.06		0.18	5.94	12.2	2.1	0.95	0.08
12.34		0.26	6.55	10.79	2.06	0.23	0.114
10.6457	0	0.18	6.8	11.44	2.57	0.36	0.1
9.3	0	0.16	7.64	12.13	2.12	0.32	0.08
9.65		0.2	8.52	11.95	0.07	1.27	0.42
5.11		0.08	2	3.78	3.21	3.05	0.2
4.14		0.12	1.85	5.65	1.86	1.66	0.16
2.72		0.04	0.73	2.34	3.89	2.72	0.09

5.14		0.08	1.75	3.11	3.2	2.88	0.18
1.92		0.03	0.07	0.25	0.06	0.29	0.15
3.15		0.05	0.9	2.84	3.94	2.31	0.11
8.9		0.16	4.59	7.4	3.78	2.18	0.88
2.31		0.08	0.64	3.84	3.29	2.62	0.09
10.25		0.27	0.11	2.3	6.14	4.9	0.113
8		0.11	2.8	1.34	4.82	2.89	0.52
8.37		0.12	2.85	2.75	3.6	3.29	0.5
8.68		0.13	3.08	2.59	5.41	1.75	0.52
13.1	0	0.26	7.4	12.89	2.53	0.16	0.32
11.85	0	0.16	4.73	9.03	4.09	0.64	0.32
14.23	0	0.18	5.33	9.85	3.97	0.92	0.37
13.19	0	0.16	4.72	9.7	3.41	0.92	0.35
11.73	0	0.16	5.92	13.01	3.96	0.18	0.34
10.52	0	0.16	6.39	13.59	4.26	0.16	0.34
11.09	0	0.17	6.4	11.95	4.23	0.12	0.37
6.9		0.11	1.95	4.31	4.5	1.67	0.52
9.1791		0.16	5.36	7.9	3.72	1.19	0.75
8.27		0.14	4.8	6.42	3.3	2.06	0.89
7.89		0.122	4.76	6.62	3.32	1.59	0.24
14.14		0.08	1.55	1.85	5.56	2.21	0.48
1.09		0.024	0.55	1.41	5.47	1.09	0.03
5.21		0.08	2.35	3.94	3.3	2.93	0.24
4.5		0.07	2.05	3.58	3.4	3.03	0.24
16.1		0.25	5.45	5.14	3.5	0.5	1.3
6.78		0.12	3.5	5.31	3.5	2.29	0.36
14.587		0.24	5.33	8.03	2.74	0.08	1.3
8.28		0.16	4.65	5.99	3.5	2.29	0.42
3.4143		0.06	1.67	3.13	3.95	2.41	0.16
2.7903		0.05	0.89	2.53	4.09	2.38	0.12
4.7267		0.09	2.35	3.8	3.39	2.77	0.19
15.098		0.23	5.2	8.93	2.5	0.4	1.22
4.3436		0.07	2.1	3.5	3.43	3.03	0.18
13.09		0.16	9.4	3.14	3.03	1.55	0.136
13.41		0.12	7.89	2.29	4.78	1.39	0.143
14.05		0.18	7.65	5.48	4.49	1.06	0.155
13.23		0.19	7.67	7.39	4.2	0.6	0.142
10.7		0.2	7.8	10.7	2.5	0.58	0.15
11.9		0.21	6.55	11.9	2.8	0.32	0.23
5.33		0.11	0.54	0.25	4.06	1.95	0.07
1.08		0.03	0.23	0.32	5.2	1.52	0.02
0.33		0.009	0.11	0.19	6.13	0.14	0.01
7.24		0.16	3.07	2.85	8.1	0.12	0.192
6.93		0.13	2.95	2.38	8.18	0.08	0.188
6.6887		0.12	2.57	6.38	3.84	2.13	0.6
2.04		0.04	0.25	1	4	2.13	0.1
10.56		0.17	6.81	7.2	2.46	0.96	0.13
12.02		0.15	8.34	8.12	3.72	0.93	1.12
11.21		0.18	6.57	10.19	2.59	0.5	0.1
15.01		0.03	1.52	0.19	0.21	0.14	0.07
10.9366	0	0.18	6.68	10.23	2.33	0.45	0.1
1.3887		0.01	0.25	0.11	3.76	3.59	0.02
6.0761		0.11	2.73	3.29	4.78	1.7	0.24
5.8584		0.08	2.63	2.25	4.96	1.94	0.25
6.9704		0.11	2.58	3.93	3.81	2.18	0.32
5.9148		0.09	1.99	3.84	4.48	1.96	0.27

1.4775		0.03	0.37	0.21	3.54	3.68	0.02
8.1364		0.09	1.59	6.06	7.03	1.54	0.16
2.5515	0	0.02	0.8	0.16	6.97	0.2	0.05
6.8351	0	0.14	2.38	4.23	4.2	2.43	0.31
0.29	2.4	0.05	0.85	2.55	2.65	3.64	0.09
0.34	0.85	0.04	0.29	1.23	3.31	4.1	0.15
0.4	2.7	0.06	1.1	2.8	3.1	3.84	0.1
0.56	3.84	0.07	1.85	4.3	2.64	3.21	0.13
2.29	0	0.04	0.74	3.07	2.77	3.24	0.06
0.89	0	0.02	0.24	1.73	3.02	4.88	0.03
3.24	0	0.06	1.05	2.8	2.92	3.83	0.1
1.59	0	0.02	0.47	1.87	2.66	4.74	0.03
3.83	0	0.06	1.37	3.62	2.75	3.6	0.09
0.68	0	0.04	0.08	0.96	4.3	4.1	0.04
0.67	0	0.05	0.09	0.87	4.46	4.07	0.03
2.86	0	0.05	0.86	2.3	2.96	4.1	0.09
0	14	0	19.7	-0.01	0	0	0
0	13.1	0	16.2	0.6	0	0	0
0	0	0.14	12.09	15.26	1.68	0.09	0.03
0	0	0.22	6.28	9.54	3.97	0.16	0.14
0	0	0.14	9.68	12.51	2.23	0.1	0.1
0	0	0.1	10.59	13.46	2.79	0.06	0.11
0	0	0.01	0.58	1.25	7.17	0.28	0.01
0	0	0.12	33.67	0.08	0	0	0
0	0	0.15	7.74	9.29	4.92	0.19	0.09
0	0	0	0.37	0.86	10.21	0.15	0.02
0	0	0.24	5.2	9.43	5.81	0.18	0.41
0	0	0.12	41.16	1.64	0.3	0	0
0	0	0.13	42.04	0.99	0.35	0.01	0
0	0	0.22	8.77	13.97	1.2	0.11	0.14
0	0	0.2	4.51	15.51	2.17	0.24	0.26
0	0	0.14	9.48	21.39	0.49	0.08	0.06
0	0	0.17	12.86	11.6	1.52	0.11	0.1
7	6.8	0.17	7	11.9	1.1	0.39	0.04
1.8	3.1	0.11	1.5	4.5	3.2	1.54	0.11
1.5	0.8	0.02	0.4	1.9	5.2	0.48	0.06
1	0.9	0.01	0.4	2.9	4.6	0.42	0.05
1.1	2	0.06	0.7	3.6	3	2.36	0.05
0.9	1.3	0.04	0.3	2	3.6	2.35	0.04
1.2	2.2	0.08	0.8	3.4	2.9	2.65	0.07
2.4	4.3	0.13	2.7	6.2	3	1.92	0.16
1.7	5.3	0.12	3.6	7	2.5	2.38	0.15
1.1	2.2	0.08	0.6	2.6	4.2	2.01	0.08
1.6	2.1	0.08	1.1	3.1	3.54	1.96	0.05
2.4	6.3	0.16	7.4	10.1	1.3	0.95	0.15
1.1	1.6	0.06	0.6	2.7	3.65	1.75	0.04
0.7	0.9	0.03	0.2	1.2	3.89	2.66	0.01
0.5	0.7	0.01	0.1	0.6	3.83	4.08	-0.01
0.2	1	0.06	0.1	0.8	3.37	4.77	0
0.8	1.5	0.05	0.5	2.3	4.38	1.14	0.04
0.9	2.4	0.06	0.8	3.3	2.99	2.31	0.07
0.4	0.9	0.06	0.3	1.5	4.15	3.41	0.03
0.7	0.9	0.02	0.3	1.1	3.93	3.53	0.02
1.6	2	0.09	1.1	2.8	4.22	3.16	0.16
0.7	1.1	0.02	0.4	1.4	3.65	3.41	0.03
0.8	0.9	0.04	0.3	1.3	3.68	3.94	0.03

0.3	1.3	0.05	0.4	1.2	3.18	4.62	0.04
1	1.5	0.09	0.7	2.1	4.68	3.06	0.11
0.6	0.9	0.09	0.3	0.8	4.29	3.96	0.04
0.8	1.3	0.07	0.5	1.4	4	3.92	0.08
1.51	1.41	0.07	0.89	3.04	2.81	3.47	0.08
3.07	3.53	0.12	3.39	7.04	2.88	1.39	0.15
1.06	2.11	0.07	0.77	2.68	3.92	2.78	0.13
1.17	1.46	0.06	0.55	2.03	4.05	3.19	0.07
0.7	0.39	0.03	0.06	0.64	3.96	4.21	-0.01
0.8	0.85	0.05	0.3	1.64	3.36	3.76	0.03
0.64	0.54	0.04	0.11	0.71	3.93	4.18	0.01
2.11	3.2	0.09	2.75	5.35	2.93	2.78	0.13
1.12	1.36	0.06	0.5	1.75	4.23	3.19	0.07
2.12	3.24	0.1	2.77	5.23	3.09	2.63	0.14
0.73	1.05	0.05	0.57	2.14	3.52	3.23	0.07
1.34	1.14	0.05	0.46	1.82	4.07	3.3	0.07
2.23	2.77	0.1	2.36	5.07	3.05	2.69	0.14
2.78	3.13	0.12	2.72	5.16	3.74	2.04	0.32
1.25	1.05	0.09	0.79	2.1	4.27	3.39	0.14
2.32	2.25	0.09	1.55	4.5	2.73	2.39	0.14
3.07	3.42	0.12	3.19	6.51	2.89	1.55	0.16
3.12	3.63	0.13	3.42	7.03	3.06	1.3	0.18
4.22	5.74	0.19	5.11	10.24	2.83	0.21	0.25
5.32	6.16	0.24	7.11	10.95	2.19	0.14	0.22
1.08	0.76	0.06	0.45	1.99	2.86	4.06	0.04
3.61	7.22	0.2	7.72	14.08	1.01	0.08	0.08
2.41	3.62	0.11	2.87	6.26	3.03	1.75	0.11
2.18	3.61	0.11	2.91	5.85	3.04	1.96	0.11
2.21	3.53	0.1	2.96	5.9	2.85	2.12	0.1
1.76	2.04	0.09	1.82	4.24	3.15	2.54	0.09
1.6	1.97	0.08	1.67	4.07	3.18	2.64	0.08
1.39	1.75	0.07	1.46	3.55	3.06	3.26	0.07
2.6	3.39	0.11	2.95	6.24	2.74	1.69	0.12
2.37	3.71	0.11	3.09	6.38	2.89	2.02	0.13
2.26	3.69	0.1	3.03	6.19	2.95	2.06	0.13
2.42	3.48	0.11	2.87	6.13	3.24	1.85	0.11
2.69	3.9	0.12	3.14	6.71	2.94	1.82	0.11
2.25	2.9	0.1	2.29	5.31	3.07	1.93	0.1
2.89	4.37	0.13	3.46	6.36	3.05	2.15	0.21
2.59	3.87	0.12	3.1	6.58	3.01	1.71	0.11
2.55	2.8	0.11	1.84	5.09	3.2	2.11	0.27
4.83	3.32	0.16	3.61	7.81	3.21	1.28	0.34
4.03	3.2	0.14	2.71	6.94	3.68	1.5	0.36
1.49	2.48	0.07	0.2	2.07	3.71	3.21	0.04
0.81	1.08	0.03	0.23	1.2	4.01	3.7	0.02
0.43	1.23	0.04	0.63	2.85	3.46	2.69	0.07
2.75	4.19	0.13	3.41	6.96	2.69	1.97	0.11
2.31	2.57	0.12	2.16	5.04	3.24	2.18	0.09
2.2	2.74	0.09	2.22	4.91	3.1	2.4	0.08
2.19	3.57	0.1	2.73	5.7	3.01	2.28	0.1
0.68	1.82	0.06	0.72	2.74	3.7	2.46	0.09
1.57	1.65	0.1	0.95	3.24	4.47	2.74	0.12
2.08	3.67	0.11	3.14	5.96	2.9	2.46	0.11
1.59	1.78	0.09	1.41	3.88	3.57	2.4	0.09
1.56	1.3	0.08	1.11	4.14	3.87	1.73	0.1
1.54	1.61	0.09	1.31	3.94	3.48	2.65	0.08

1.5	1.6	0.08	1.33	3.86	3.53	2.26	0.09
1.23	1.17	0.08	0.88	3.66	4.27	1.37	0.09
2.26	4.56	0.11	3.79	6.83	2.71	2.06	0.14
3.16	5.29	0.15	5.29	9.42	2.14	2.18	0.3
1.09	1.46	0.08	0.64	2.18	4.14	2.93	0.08
0.97	1.37	0.08	0.57	2.09	4.19	3.03	0.07
1.13	1.4	0.08	0.72	2.36	3.95	2.95	0.08
1.85	4.02	0.11	3.19	6.08	2.71	2.45	0.14
0.76	0.85	0.06	0.47	1.41	3.92	3.91	0.05
0.41	0.4	0.03	0.1	0.67	3.52	4.63	0.01
0.59	1.59	0.02	2.01	0.09	0.19	6.45	0.07
2.71	5.98	0.14	8.48	9.92	2.45	0.78	0.07
1.72	5.71	0.15	6.7	11.04	2.01	0.36	0.08
1.16	1.02	0.08	0.66	2.18	3.84	3.16	0.08
0.51	0.17	0.04	0.12	0.56	3.52	4.2	0.01
4.29	0.19	0.14	1.54	4.15	3.96	2.49	0.2
0.57	0.46	0.09	0.22	0.51	4.51	4.08	0.04
0.84	0.64	0.05	0.4	1.91	3.65	3.67	0.05
3.21	2.21	0.1	2.06	4.41	4.1	2.59	0.26
0.67	0.53	0.07	0.2	0.76	3.65	4.61	0.03
1.06	0.25	0.02	0.37	0	0.13	6.39	0.05
4.05	0.49	0.01	0.36	0.02	0.18	5.18	0.06
0.67	0.6	0.05	0.32	1.6	3.38	4.02	0.03
1.07	1.49	0.06	0.63	2.48	3.87	3.04	0.09
0.98	1.17	0.05	0.21	1.36	4.87	2.7	0.04
3.38	3.48	0.14	4.47	6.39	2.86	1.39	0.17
1.83	1.72	0.09	0.96	3.91	3.75	1.85	0.17
1.84	2.95	0.09	1.69	4.6	3.4	1.65	0.1
2.01	2.64	0.11	1.57	4.49	3.44	1.51	0.11
1.2	1.08	0.05	0.58	2.52	4.06	1.54	0.04
0.7	0.79	0.03	0.49	2.98	4.07	2	0.06
0.7	1.01	0.04	0.62	3.42	3.8	2.01	0.06
2.02	2.42	0.08	1.7	4.13	3.61	2.21	0.24
4.71	5.5	0.16	7.42	12.57	1.49	0.48	0.04
2.44	3.68	0.12	3.34	7.45	2.62	1.22	0.13
2.53	3.87	0.14	3.34	7.35	2.65	1.41	0.13
0.64	0.36	0.01	0.17	0.81	3.94	4.19	0.01
4.34	5.75	0.13	5.77	10.44	3.62	0.4	0.2
0.63	0.48	0.03	0.13	0.75	3.81	3.93	0.01
0.42	0.99	0.02	0.51	1.6	3.47	3.83	0.01
0.22	0.95	0	0.48	1.5	3.43	3.79	0
0.45	0.67	0.01	0.36	1.01	3.37	4.12	0
0.88	0.29	0.01	0.36	0.96	3.42	4.26	0
0.32	0.72	0.03	0.46	0.68	2.91	4.17	0
0.73	1.11	0.03	0.69	1.24	3.38	2.75	0
0.8	0.3	0.02	0.24	0.36	4.17	4.71	0
0.41	0.4	0.03	0.1	0.67	3.52	4.63	0.01
1.16	1.02	0.08	0.66	2.18	3.84	3.16	0.08
0.51	0.17	0.04	0.12	0.56	3.52	4.2	0.01
4.29	0.19	0.14	1.54	4.15	3.96	2.49	0.2
0.84	0.64	0.05	0.4	1.91	3.65	3.67	0.05
3.21	2.21	0.1	2.06	4.41	4.1	2.59	0.26
0.67	0.53	0.07	0.2	0.76	3.65	4.61	0.03
1.06	0.25	0.02	0.37	0	0.13	6.39	0.05
4.05	0.49	0.01	0.36	0.02	0.18	5.18	0.06
0.67	0.6	0.05	0.32	1.6	3.38	4.02	0.03

1.07	1.49	0.06	0.63	2.48	3.87	3.04	0.09
1.36	1.05	0.06	0.61	1.71	3.88	3.63	0.07
1	1.6	0.09	0.6	2.2	4.25	3.05	0.09
1.1	0.1	-0.02	-0.1	0.2	3.8	4.9	-0.02
1.3	2	0.06	0.7	2	4.4	3.56	0.12
0.7	0.3	0.06	-0.1	0.6	3.6	4.76	-0.02
0.7	0.2	0.06	-0.1	0.5	3.3	5.04	-0.02
1.3	2.1	0.06	0.7	2.1	4.7	0.06	0.12
0.6	2.5	0.18	0.6	0.7	4.4	2.86	0.04
1.5	0.5	0.02	4.5	8	6.1	0.4	0.1
1	0.3	0.06	0.1	0.7	3.4	5.04	-0.02
2.9	7.1	0.18	7.4	13.2	2.7	0.42	0.16
1.3	7.6	0.18	11.3	14.4	0.6	0.2	0.18
3	6.3	0.18	6.2	10.3	3.7	0.46	0.2
1.7	4.8	0.12	10.1	14.3	1.4	0.16	0.1
0.2	0.1	-0.02	-0.1	-0.1	0.2	5.58	-0.02
2.1	3.2	0.1	2.5	5.2	3	1.87	0.12
0.6	0.2	0.03	0.14	1.1	2.9	5.08	0.02
2.4	4.9	0.12	3.9	6.8	3.2	2.22	0.27
1	1	0.02	0.4	2.1	3.2	3.17	0.04
2.7	4.1	0.13	3.2	6.6	2.7	1.55	0.16
1	1.3	0.05	0.6	2.4	3.6	2.48	0.04
1.2	0.1	-0.01	-0.1	0.1	4.3	3.77	-0.01
0.3	0.6	0.04	0.1	1	3.3	4.57	0.02
0.8	0.9	0.05	0.4	1.7	3.3	3.69	0.05
2.4	4.1	0.13	3.2	6.4	2.8	1.97	0.13
2.7	3.4	0.11	2.8	6.3	2.9	1.68	0.16
1.2	1.1	0.01	0.3	0.3	3	5.27	0.02
2.1	4	0.12	2.8	5.4	3.8	2.57	0.27
2.1	4.8	0.11	3.3	6.3	3.6	2.22	0.28
2.6	5.1	0.1	4.2	7.5	4	1.37	0.49
0.3	2	0.04	0.4	2.1	3.3	3.88	0.09
0.6	0.8	0.07	0.4	1.8	3.4	3.6	0.06
0.3	0.2	0.04	0.1	0.7	3.5	4.83	0.02
0.8	1.5	0.05	0.8	2.2	3.2	4.35	0.08
2.2	3.1	0.11	2.3	5.3	3.1	2.09	0.1
1	0.8	0.07	0.5	1.2	4.8	3.61	0.07
1.5	1.6	0.07	1.5	3.3	3.6	3.18	0.13
2.7	2.5	0.13	1.7	3.9	4.8	2.45	0.4
1.2	0.9	0.05	0.7	1.9	4.1	3.79	0.09
1	1.1	0.05	0.2	1.1	4.15	3.82	0.03
0.5	0.9	0.05	0.3	1.5	3.94	3.93	0.05
0.7	1.1	0.05	0.5	1.9	3.69	3.67	0.07
0.9	1.5	0.07	0.6	2.4	4.33	3.16	0.1
2.2	3.5	0.12	2.8	5.8	3.36	2.39	0.14
1.8	3.2	0.09	2.3	5	3.28	2.78	0.12
2	4	0.11	3.5	6.4	2.46	2.38	0.11
0.4	1.1	0.03	0.4	1.6	3.03	4.94	0.03
0.3	0.6	0.03	0.1	0.7	3.28	5.13	-0.01
1.2	1.9	0.08	1.1	3	3.14	3.6	0.06
2.6	5.2	0.14	4.1	8.2	2.68	1.37	0.1
1.1	1.8	0.09	0.7	2.9	4.18	3.23	0.11
0.7	4	0.11	0.3	3.1	5.49	1.93	0.08
0.6	2.7	0.07	1.2	3.3	4.11	2.98	0.14
1.3	5.3	0.13	2.3	5.4	4.31	1.66	0.23
0.5	2.8	0.09	1	3.3	4.38	2.86	0.14

0.6	3.2	0.08	0.3	2.5	4.81	2.14	0.07
1.4	3.1	0.08	2.2	4.6	2.79	3.24	0.09
1.7	3.6	0.1	2.7	5.2	2.77	2.88	0.1
0.5	2.2	0.07	0.6	2.6	3.84	2.81	0.1
1.7	3.6	0.15	0.3	2.6	6.01	1.71	0.06
1.3	4.1	0.17	0.4	3.1	6.07	1.81	0.06
0.7	2	0.06	0.8	2.9	3.7	2.76	0.1
0.9	1.5	0.06	0.1	1.3	4.48	2.6	0.13
0.8	1.6	0.07	0.1	1.3	4.1	2.82	0.02
0.8	2.4	0.07	0.5	2.2	4.55	2.4	0.06
2	5.7	0.17	8.4	14.1	1.84	0.25	0.06
1	1.5	0.05	0.5	2.6	4.05	2.17	0.04
1	2	0.07	1	3.4	3.27	2.36	0.05
1.7	1.2	0.06	0.2	1.5	5.28	0.86	0.01
4.4	2.1	0.06	0.2	2.6	6.53	0.35	0.07
1.2	1.6	0.05	0.3	1.1	3.84	3.62	0.01
2.4	8.2	0.22	8.5	11.6	2.36	0.12	0.1
1.3	2	0.05	0.8	0.5	2.93	3.98	0.02
1.2	2.1	0.05	0.5	0.7	3.35	3.47	0.02
2.7	7.1	0.18	9.2	11.7	1.73	0.27	0.09
1.9	4.2	0.12	9	15.3	0.85	0.2	0.02
0.9	0.5	0.01	0.4	2.2	5.54	0.19	0.02
2.7	5.4	0.14	7	11	2.49	0.21	0.09
0.6	1	0.04	0.2	1.1	4.11	3.47	0.02
68.055121	0	0.405445	0.116079	0.097943	0.026959	0.349335	0.098529
12.338565	0	0.42094	1.310038	0.433748	0.01348	0.036138	0.013748
45.751342	0	0.83155	0.447735	0.181894	0.026959	0.987776	0.091655
31.168102	0	0.838006	0.596979	0.153911	0.067398	6.239853	0.098529
12.410052	0	0.043902	0	0.027984	0.01348	0.012046	0.002291
6.648242	0	0.103556	8.971274	11.025591	3.868668	0.096368	0.038953
3.359864	0	0.056943	1.276873	23.786173	2.466781	0.385474	0.105403
5.63	0	0.14	9.48	21.39	0.49	0.08	0.06
9.68	0	0.17	12.86	14.6	1.52	0.14	0.1
8.11	0	0.12	33.67	0.08	0	0	0
6.44	0	0.14	12.09	15.26	1.68	0.09	0.05
9.01	0	0.14	9.68	12.51	2.23	0.1	0.1
8.27	0	0.12	41.16	1.64	0.3	0	0
5.97	0	0.1	10.59	13.46	2.79	0.06	0.11
7.67	0	0.13	42.04	0.99	0.35	0.01	0
10.12	9.1	0.16	7.64	7.69	3.8	1.33	0.29
9.89	8.9	0.16	6.73	8.68	3.92	1.44	0.27
9.53	8.58	0.15	6.76	9.94	2.55	1.11	0.16
11.44	10.3	0.14	6.14	10.47	3.92	1.02	0.28
12.93	11.63	0.1	6.13	7.54	3.79	1.4	0.27
10.69	9.62	0.12	4.83	13.15	3.69	1.58	0.27
8.83	7.95	0.15	7.05	10.1	3.26	0.87	0.2
8.94	8.05	0.13	7.62	7.45	4.56	0.59	0.19
8.77	7.89	0.16	7.71	9.79	3.55	0.59	0.22
8.92	8.02	0.16	7.7	10.42	3.33	0.4	0.2
9.27	8.34	0.16	6.92	10.12	3.24	1.59	0.24
8.35	7.51	0.15	6.42	8.81	4.61	0.69	0.28
8.73	7.86	0.14	6.18	7.57	4.97	1.14	0.32
8.92	8.03	0.17	7.09	7.11	4.01	1.75	0.33
8.11	7.3	0.16	5.8	9.6	4.96	1.08	0.29
0.94	1.54	0.04	0.18	1.69	3.83	2.82	0.05
1.99	4.13	0.11	4.73	5.74	3.31	1.98	0.14

2.48	5.91	0.14	0.42	3.8	3.51	2	0.11
3.71	3.32	0.14	4.53	6.02	3.09	1.93	0.11
0.23	1.12	0.03	0.05	0.38	4	5.01	0
0.37	1.49	0.04	0.2	1.19	3.5	4.53	0.04
1.66	1.83	0.07	0.27	1.81	3.75	3.75	0.06
0.19	0.67	0.02	0.05	0.55	3.45	4.99	0.01
2	5.55	0.13	3.77	7.64	2.4	1.14	0.11
2.67	3.55	0.09	1.91	4	3.05	2.55	0.21
2.82	3.9	0.11	7.67	14.35	1	0.15	0.02
1.47	3.45	0.08	6.28	14.08	0.95	0.2	0.03
0.38	1.53	0.04	0.4	1.32	3.55	4.44	0.06
0.43	0.97	0.03	0.09	0.66	3.6	4.7	0.01
0.01	1.04	0.02	0.09	0.61	3.5	4.92	0
0.85	2.51	0.04	0.62	2.02	3.05	4.03	0.06
0.51	2.45	0.04	0.44	1.93	3.85	4.24	0.05
1.48	3	0.08	1.11	2.31	3.45	3.53	0.16
0.02	2.05	0.05	0.29	1.28	3.45	4.48	0.05
0.62	2.8	0.06	0.44	1.75	3.4	4.49	0.09
0.09	1.79	0.05	0.25	0.79	3.2	4.65	0.09
0.42	4.5	0.09	3.28	4.56	2.35	2.89	0.17
0.07	1.45	0.03	0.25	0.78	3.55	4.73	0.09
0.69	4.05	0.09	2.56	4.56	2.8	2.82	0.17
0.17	1.6	0.04	0.36	0.82	3.05	5.09	0.09
0.46	1.27	0.05	0.39	0.85	2.9	4.53	0.16
0.44	0.75	0.05	0.16	0.46	3.15	4.9	0.18
0.64	1.42	0.05	0.47	0.63	2.75	4.43	0.23
0.27	1.38	0.06	0.43	0.77	2.9	4.82	0.17
0.18	0.45	0.08	0.09	0.18	5	3.78	0.1
1.47	2.45	0.06	1.77	4.08	2.7	3.33	0.07
0.82	3.8	0.04	2.41	5.01	2.5	3.01	0.09
0.57	3.65	0.02	2.07	4.75	2.8	3.15	0.08
0.01	0.9	0.06	0.2	0.9	3.75	5.04	0.17
0.01	1.46	0.04	0.35	1.55	3.25	4.67	0.11
0.47	1.27	0.06	0.17	1	3.3	4.46	0.09
0.08	2.3	0.05	0.57	2.51	2.75	3.97	0.08
0.31	2.9	0.06	0.76	2.44	2.8	3.9	0.11
0.59	4.05	0.07	1.26	2.78	3.1	3.39	0.31
0.44	2.85	0.07	1.45	2.87	2.75	3.44	0.15
0.24	1	0.07	0.08	0.62	3.8	4.11	0.1
0.2	1.27	0.05	0.43	1.34	3.2	4.55	0.16
0.05	0.71	0.06	0.02	0.49	4.3	4.41	0.1
0	1.66	0.04	0.34	0.66	3.1	5.06	0.12
0.1	1.49	0.06	0.37	0.91	3.45	4.11	0.36
0.74	1.34	0.03	0.05	0.19	4.65	3.58	0.3
0.62	2.85	0.05	0.9	2.3	2.5	3.59	0.13
0.36	1.6	0.04	0.32	0.97	3.05	5.13	0.07
0.6	0.37	0.07	0	0.44	2.95	4.92	0.06
0.47	0.34	0.02	0.05	0.38	2.3	5.36	0
0.68	0.9	0.04	0.49	1.36	3.2	5.37	0.05
0.41	0.6	0.03	0.01	0.38	3.7	4.83	0.01
0.63	0.8	0.05	0.44	1.34	3.7	4.45	0.05
0.17	0.78	0.02	0.01	0.66	3.2	4.73	0.01
0.07	1.48	0.04	0.6	1.34	3.39	4.42	0.1
0.05	1.31	0.02	0.16	0.96	2.9	5.16	0.02
0.37	1.6	0.01	0.29	0.88	2.76	4.95	0.07
0.2	0.9	0.11	0.1	0.7	4.6	3.85	0.02

1.75	0.11	0.06	0.03	0.1	5.4	2.35	0
0.13	0.56	0.02	0.04	0.72	3.65	4.6	0
0.39	0.58	0.01	0.11	0.82	3.62	4.1	0.02
0.91	2.37	0.03	0.41	1.88	3.2	4.47	0.05
0.07	1.12	0.07	0.23	0.99	3.6	4.55	0.05
0.58	2.49	0.05	0.7	2.81	2.8	3.95	0.03
0.23	1.27	0.02	0.19	1.15	3.1	4.75	0.04
0.1	1.27	0.03	0.17	1.14	3.15	4.82	0.02
0.26	1.12	0.03	0.1	0.46	2.8	5.16	0.01
0.46	0.93	0.03	0.06	0.68	3.35	5.04	0.02
0.65	2.31	0.04	0.45	2.22	3.3	4.29	0.05
0	1.45	0.06	0.22	1.4	3.65	4.22	0.04
0.37	0.26	0.02	0.12	0.26	4	4.85	0.01
0.16	1.12	0.04	0.12	0.98	3.7	4.71	0.06
0.34	2.3	0.06	0.53	3.41	3.7	1.59	0.14
0.15	0.49	0.11	0.03	0.26	1.55	5.54	0.1
0.66	2.25	0.04	0.5	2.52	3.25	3.73	0.07
0.27	2.2	0.04	0.4	2.74	3.35	2.9	0.06
0.2	2.05	0.04	0.34	2.2	2.9	4.03	0.13
0.56	1.23	0.02	0.22	1.58	3.1	4.26	0.04
0.58	2.65	0.08	1.25	3.02	2.85	3.76	0.13
1.79	6.55	0.16	6.65	9.22	1.6	1.25	0.24
0.56	0.71	0.02	0.1	0.45	3.35	5.12	0.02
0.18	0.72	0.03	0.52	1.21	2.85	5.38	0.1
0.49	2.8	0.06	0.83	1.93	3.3	5.46	0.14
1.52	2.3	0.08	1.42	3.53	3.2	3.33	0.11
0.84	1.27	0.04	0.83	2.79	3.55	3.49	0.05
0.26	0.26	0.04	0.09	0.27	4.5	4.4	0.05
0.47	0.82	0.02	0.33	1.64	3.9	4.12	0.04
0.77	0.56	0.05	0.02	0.22	4.45	4.2	0
0.13	1.72	0.04	0.62	1.06	2.85	4.98	0.16
0.26	2.85	0.06	0.77	1.67	2.5	5.38	0.12
0.34	2.25	0.06	0.52	3.02	3.85	1.69	0.11
0.12	0.35	0.02	0.09	0.38	4.4	4.52	0.01
0.26	1.93	0.04	0.39	1.34	3.25	4.75	0.03
0.17	1.95	0.04	0.41	1.52	3.2	4.75	0.04
1.19	0.45	0.08	0.08	0.55	3.3	5.3	0.01
0.14	0.75	0.05	0.18	0.6	3.9	4.85	0.01
0.14	0.75	0.05	0.18	0.6	3.9	4.85	0.01
0.35	1.13	0.03	0.14	0.9	3.35	5.02	0.01
0.73	3.29	0.06	0.4	1.49	3	4.96	0.07
1.17	2.06	0.03	0.1	0.86	3	5.38	0.03
0.03	1.53	0.02	0.16	1.33	3.3	4.98	0.03
0.86	2.36	0.04	0.55	2.89	3.6	3.4	0.07
0.33	1.11	0.03	0.14	0.86	3.4	4.94	0.01
2.88	5.94	0.09	2.65	4.98	2.65	3.22	0.08
0.07	0.8	0.04	0.07	0.69	3.8	4.78	0.01
0.76	2.7	0.06	0.66	1.9	2.8	4.04	0.06
2.58	5.25	0.11	1.59	4.95	3	2.26	0.1
0.86	2.69	0.05	0.8	3.13	2.9	3.83	0.05
3.47	7.65	0.18	1.77	5.23	2.65	2.44	0.68
0.09	0.95	0.03	0.14	0.69	3.65	4.53	0.02
1.35	5.1	0.11	3.93	7.22	2.3	2.09	0.11
0.91	2.6	0.03	0.41	1.88	3.2	4.47	0.05
0.74	2.57	0.05	0.57	1.78	3.4	4.29	0.05
0.83	2.55	0.04	0.58	2.08	3.5	4.08	0.05

0.35	1.35	0.05	0.43	1.59	3.35	4.65	0.05
1.64	2.3	0.06	1.75	3.86	3.25	3.32	0.07
0.98	2.54	0.05	0.08	1.12	2.75	5.13	0.04
0.33	1.66	0.02	0.03	0.81	2.35	5.99	0.01
0.3	0.58	0	0.04	0.06	4.55	4.46	0.01
0.61	1.28	0.02	0.03	0.86	2.4	5.4	0.01
0.97	1.58	0.02	0.23	0.8	2.9	5.41	0.01
0.5	3.33	0.05	0.39	1.44	3.1	5.02	0.07
0.55	3.22	0.06	0.41	1.36	2.95	5.01	0.07
1.54	5.6	0.09	2.51	5.09	2.4	2.99	0.1
0.51	1.95	0.03	0.3	1.85	3.6	3.85	0.06
1.31	4.31	0.08	1.95	4.24	2.7	3.38	0.07
1.08	3.8	0.19	0.58	1.95	3.15	3.54	0.08
0.29	0.68	0.03	0.13	0.07	3.4	4.51	0.01
0.84	1.23	0.04	0.08	0.03	0.13	3.62	0
2.59	7.3	0.16	1.54	5.02	2.25	2.9	0.57
1.18	6.05	0.12	0.9	3.48	2.15	3.75	0.34
0.52	1.4	0.05	0.41	1.45	3.5	4.63	0.07
0.48	0.85	0.03	0.16	0.95	3.55	4.6	0.02
3.4	5.2	0.16	3.43	7.84	2.6	1.6	0.17
0.36	1.25	0.04	0.49	1.62	3.35	4.58	0.05
0.94	1.25	0.06	0.59	2.03	3.6	4.33	0.08
1.69	5.5	0.13	5.1	8.35	2.1	1.71	0.11
0.65	1	0.03	0.34	1.48	3.35	4.66	0.03
1.49	4.65	0.11	3.55	6.56	2.5	2.42	0.09
0.68	1.19	0.03	0.22	0.87	3.45	3.5	0.01
3.38	6.89	0.17	5.46	9.68	3.21	0.56	0.11
5.25	3.74	0.14	5.46	9.82	3.58	0.62	0.17
4.41	8.29	0.2	1.91	6.28	3.44	1.04	0.63
1.65	3.33	0.09	1.66	4.62	4.3	1.24	0.1
4.06	2.1	0.1	3.32	4.92	3.38	2.4	0.09
2.03	3.57	0.1	1.1	4.22	4.22	1.62	0.22
0.74	0.49	0.01	0.18	1.37	2.7	4.44	0.07
1.87	1.54	0.06	0.19	1.72	2.97	3.89	0.05
0.8	0.91	0.02	0.09	2.1	3.46	2.19	0.05
1.14	1.23	0.03	0.53	3.24	3.37	3.06	0.04
1.17	1.2	0.04	0.51	2.69	3.32	3.55	0.04
0.56	1.47	0.2	0.57	2.35	3.07	3.72	0.04
1.39	2.12	0.06	1.5	3.78	2.82	3.42	0.05
0.89	0.88	0.03	0.45	1.43	3.14	4.69	0.04
2.07	2.8	0.07	0.56	1.69	3.28	4.53	0.18
0.97	0.54	0.06	0.18	1.1	2.97	4.79	0.08
0.28	0.11	-0.01	-0.01	0.01	0.08	0.41	0.02
1.18	0.96	0.04	0.46	1.73	2.9	4.17	0.03
1.17	0.98	0.04	0.39	1.83	2.8	4.29	0.03
0.85	0.69	0.03	0.17	1.36	2.95	4.63	0.02
1.29	1.12	0.04	0.47	2.33	3.09	4.39	0.05
0.87	0.62	0.03	0.14	0.84	2.98	4.74	0.02
2.2	1.81	0.03	1.9	4.45	2.37	3.69	0.06
1.02	0.39	0.01	0.23	0.99	3.02	5	-0.01
2.56	2.15	0.09	1.29	4.27	3.22	2.62	0.16
1.35	1.17	0.05	0.91	2.76	2.69	4.04	0.04
1.16	0.09	-0.01	0.29	0.18	0.01	3.6	0.01
3.17	3.45	0.12	2.98	5.72	2.48	2.37	0.11
2.7	2.98	0.09	3.18	5.96	2.15	2.5	0.06
1.49	1.41	0.05	0.8	1.9	3.34	3.89	0.04

0.94	1.6	0.05	0.71	1.89	3.51	3.53	0.04
0.9	1.03	0.03	0.34	1.53	2.78	4.08	0.03
1.31	1.42	0.04	0.7	1.76	3.36	4.16	0.05
1.05	1.99	0.07	0.83	2.76	3.34	3.26	0.06
1.04	1.51	0.05	0.55	2.29	3.07	4.11	0.04
1.25	0.34	0.03	0.39	1.68	2.19	4.59	0.01
1.82	0.38	0.03	0.44	1.8	2.69	3.96	0.02
1.64	1.15	0.04	0.61	2.43	3.09	4.06	0.05
1.12	1.09	0.02	0.37	1.12	3.7	3.68	0.03
1.12	1.03	0.03	0.46	1.97	3.27	4.49	0.02
0.88	1.1	0.04	0.35	1.52	3.25	4.61	0.04
1.26	2.25	0.05	0.88	3.15	3.22	3.49	0.07
2.69	5.8	0.13	1.13	3.36	2.99	3.13	0.39
0.31	0.08	-0.01	0.02	0.16	3.06	4.73	-0.01
2.77	5.48	0.12	1.01	2.92	2.9	3.85	0.37
0.71	1.74	0.04	0.6	2.84	3.45	3.11	0.05
1.47	1.6	0.05	0.77	2.8	3.21	3.56	0.04
1.09	0.96	0.04	0.46	1.78	3.43	4.46	0.03
0.67	1.75	0.04	0.57	3.11	3.34	3.1	0.05
0.63	0.17	0.01	0.01	0.38	3.46	4.57	-0.01
1.21	1.17	0.04	0.26	1.01	2.78	5.11	0.03
0.41	1.3	0.04	0.39	1.59	3.2	4.78	0.03
0.89	0.8	0.03	0.1	0.76	2.86	5.09	0.01
1.07	1.94	0.05	0.35	1.52	2.79	4.89	0.06
0.6	0.43	0.03	0.12	0.96	3.04	4.94	-0.01
0.68	0.36	0.02	0.14	0.84	3.05	4.99	-0.01
2.63	2.28	0.08	1.36	4.85	2.91	2.29	0.08
0.82	1.68	0.04	1.02	3.15	2.9	3.81	0.04
2.68	2.37	0.07	1.4	4.48	2.8	2.62	0.1
2.36	2.48	0.08	2.73	5.01	2.64	3.07	0.07
2.24	3.18	0.09	3.12	6.01	2.61	2.52	0.08
0.52	0.78	0.02	0.55	2.01	2.86	4.46	0.03
1.2	2.09	0.05	0.93	3.56	3.76	2.99	0.09
1.17	1.2	0.04	0.52	2.15	3.6	4.02	0.05
1.14	1.16	0.03	0.41	1.76	3.06	3.94	0.03
1.3	1.42	0.04	0.61	2.42	3.04	3.91	0.05
1.33	0.11	0.01	0.07	0.12	2.23	5.12	-0.01
2.08	2.33	0.04	2.72	4.61	2.61	3.18	0.06
0.9	0.3	0.01	0.08	0.36	3.18	5.41	-0.01
2.05	5.37	0.11	2.35	5.58	3.58	2.56	0.26
2.02	2.21	0.08	1.6	4.06	3.41	3.06	0.09
0.86	1.38	0.05	0.74	2.64	2.78	3.78	0.03
3.07	2.56	0.17	2.1	5.1	2.43	2.61	0.11
0.45	1.16	0.02	0.37	1.69	2.85	4.69	0.03
3	7.31	0.16	1.73	4.07	3.65	2.82	0.63
1.36	1.79	0.07	1.19	3.02	3.26	3.71	0.07
0.85	0.15	-0.01	0.1	0.04	2.07	2.86	0.01
0.76	1.58	0.06	0.86	2.36	3.13	4.29	0.05
1.01	1.52	0.04	0.12	1.04	3.11	4.93	0.04
0.73	0.58	0.02	0.05	0.72	3	4.64	-0.01
1.05	0.63	0.02	0.07	1.17	3.86	2.68	-0.01
0.79	1.52	0.04	0.49	1.5	2.74	4.71	0.09
0.58	1.29	0.04	0.51	1.03	3.15	5.04	0.09
1.61	4.19	0.08	0.6	2.4	3.15	4.02	0.21
1.81	3.95	0.09	0.74	2.53	3.06	3.95	0.24
1.2	2.67	0.06	1.23	3.51	2.93	2.89	0.07

1.11	2.76	0.06	1.2	3.74	2.92	2.71	0.05
1.08	0.77	0.03	0.11	0.79	2.87	5.13	-0.01
0.96	0.69	0.03	0.13	0.6	2.52	4.88	-0.01
1.1	0.42	0.01	0.04	1.41	2.83	3.42	-0.01
0.71	1.32	0.04	0.41	1.34	2.84	4.64	0.07
0.59	0.78	0.02	0.03	0.66	3.28	4.25	-0.01
0.65	0.81	0.02	0.1	0.49	2.93	5.21	-0.01
1.35	0.24	-0.01	-0.01	0.38	2.31	5.23	-0.01
1.35	0.76	0.03	0.11	1.03	2.61	5.31	0.01
1.03	0.28	0.01	0.08	1.11	3.64	2.88	-0.01
0.09	0.1	-0.01	-0.01	0.1	0.96	6.71	-0.01
0.45	0.09	-0.01	0.09	0.25	1.87	5.53	0.01
0.67	0.95	0.03	0.09	0.58	2.92	5.02	0.01
0.96	0.63	0.02	0.06	0.61	2.46	5.25	-0.01
0.61	0.11	0.01	0.1	0.16	0.2	6.85	0.01
1.27	0.86	0.03	0.47	2.65	3.67	3.52	0.05
0.43	0.27	0.03	0.02	0.43	2.86	5.09	-0.01
2.4	3.21	0.09	1.33	4.39	3.15	2.23	0.13
0.91	0.57	0.02	0.07	0.64	2.65	5.37	-0.01
1.43	0.11	0.01	0.06	0.13	2.56	5.2	-0.01
1.05	0.44	0.02	0.08	0.64	2.49	5.05	-0.01
1.38	1.15	0.01	0.07	0.07	2.53	5.02	-0.01
1.08	0.25	0.02	0.03	0.59	2.48	5.29	-0.01
1.28	0.12	0.02	0.05	0.16	2.29	5.09	-0.01
1.04	0.1	0.01	-0.01	0.18	2.94	4.94	-0.01
0.99	0.09	-0.01	0.02	0.24	2.32	4.91	-0.01
0.78	0.23	0.01	0.05	0.82	3.22	4.14	-0.01
1.14	1.04	0.04	0.21	1.77	4.29	2.03	0.04
0.71	0.7	0.02	0.08	0.71	2.83	5.05	-0.01
0.84	0.34	0.01	0.04	0.81	2.94	4.13	-0.01
1.01	1.01	0.03	0.13	0.9	2.65	5.04	0.02
1.09	0.51	0.02	-0.01	0.64	2.48	5.15	-0.01
1.47	2.46	0.1	0.99	4.51	3.01	2.28	0.12
0.64	0.66	0.04	0.1	0.97	3.04	4.95	-0.01
1.93	2.34	0.08	1.95	3.99	2.92	2.89	0.08
0.52	0.59	0.03	0.16	0.81	3.26	4.94	-0.01
0.45	0.31	0.01	0.07	0.45	3.16	5.44	-0.01
0.56	0.5	0.04	0.11	0.84	3.07	5.11	-0.01
0.6	0.46	0.03	0.14	0.83	3.17	4.94	-0.01
0.65	0.38	0.01	0.1	0.71	2.39	5.62	-0.01
0.56	0.36	0.02	0.17	0.92	2.52	5.38	-0.01
0.56	0.47	0.03	0.13	0.82	3.14	5.06	-0.01
0.47	0.5	0.03	0.14	0.82	3.03	4.99	-0.01
0.83	0.54	0.02	-0.01	0.65	2.35	5.31	-0.01
0.7	0.47	0.03	0.1	0.82	2.93	4.89	-0.01
1.45	1.53	0.05	0.32	1.4	2.56	4.95	0.04
0.55	0.18	-0.01	0.08	0.02	-0.01	5.53	-0.01
1.45	3.87	0.09	1.31	2.59	2.7	3.9	0.14
1.02	1.14	0.03	0.15	0.92	2.48	5.18	0.01
1.61	3.55	0.08	1.36	2.26	3.06	3.95	0.14
0.78	0.55	0.01	0.05	0.64	2.67	5.04	-0.02
1.33	2.52	0.06	0.78	1.88	2.9	4.5	0.1
1.03	0.92	0.03	0.14	0.91	2.88	5.33	0.02
0.79	1.27	0.03	0.22	0.87	2.74	4.96	0.02
0.93	1.87	0.04	0.33	1.46	2.87	4.89	0.06
1.22	1.66	0.05	0.39	1.39	2.9	4.93	0.06

1.18	1.4	0.04	0.31	1.31	2.83	5.05	0.05
1.52	0.9	0.04	0.59	1.91	2.77	4.43	0.07
1.8	1.14	0.04	0.48	3.13	2.63	3.21	0.08
1.14	0.9	0.05	0.86	1.51	3.07	5.58	0.04
0.26	2.22	0.04	0.34	1.31	3.04	4.94	0.05
1.28	1.79	0.05	0.36	1.43	2.57	4.92	0.05
0.96	2.16	0.05	0.42	1.45	2.84	4.87	0.07
1.66	1.26	0.04	0.4	1.28	2.58	4.88	0
1	1.3	0.03	0.13	0.97	2.46	4.98	-0.01
1.59	2.67	0.11	1.48	3.75	3.81	2.96	0.14
0.92	0.97	0.03	0.51	1.58	3.16	4.66	0.04
1.89	3.4	0.06	1.18	4.32	2.91	1.98	0.1
0.21	1.06	0.01	0.07	1.55	1.85	4.37	-0.01
0.81	0.76	0.02	0.15	1.42	2.63	4.49	0.02
1.16	1.48	0.04	0.51	1.85	3.26	3.98	0.04
1.34	2.32	0.07	1.63	3.57	2.98	3.64	0.05
1.41	2.55	0.08	0.96	3.2	3.26	2.78	0.08
0.54	1	0.02	0.21	1.45	2.96	4.2	0.01
0.57	1.18	0.03	0.22	1.3	3.11	4.79	0.02
1.47	1.48	0.05	0.26	2.37	2.89	4	0.04
1.1	0.97	0.03	0.62	2.02	2.81	4.35	0.03
1.96	1.88	0.06	1.22	3.59	3.18	3.29	0.09
2.02	2.18	0.07	1.59	4.29	3.09	2.98	0.08
1.71	2.06	0.07	1.17	3.55	3.21	3.44	0.08
2.4	3.18	0.12	2.01	5.25	3.09	2.39	0.1
0.33	0.86	0.03	0.23	1.3	3.24	5.07	0.03
0.49	0.64	0.04	0.25	1.01	2.75	5.48	0.01
1.25	1.41	0.04	0.17	1.24	2.35	5.03	0.03
1.31	1.17	0.05	0.17	1.18	2.47	5.04	0.02
0.78	0.7	0.03	0.08	0.57	2.74	5.19	-0.01
0.76	0.7	0.02	0.08	0.57	2.89	5.25	-0.01
1.2	0.9	0.03	0.07	0.97	2.54	5.35	0.01
0.83	1.02	0.04	0.64	2.16	2.53	4.17	0.03
0.34	1.2	0.03	1.07	2.75	2.83	3.53	0.04
1.86	0.26	0.01	0.17	0.15	-0.01	3.93	0.03
0.72	0.4	0.01	0.16	1.26	2.12	5.57	0.01
0.7	1.25	0.03	0.15	0.84	2.91	5.16	0.02
0.77	2.4	0.05	0.44	1.56	2.86	4.94	0.07
1.17	0.26	-0.01	0.05	0.08	2.46	4.81	-0.01
1.24	2.99	0.07	1.12	2.06	2.97	4.18	0.12
0.99	2.32	0.06	0.51	1.57	2.83	4.76	0.07
0.78	1.87	0.03	0.5	2.41	2.84	3.95	0.03
0.71	0.92	0.03	0.29	0.84	2.66	5.38	0.02
0.9	1.49	0.03	0.31	2.41	2.72	3.93	0.02
2.38	3.3	0.11	3.15	6.34	2.4	2.52	0.08
1.56	2.36	0.07	1.27	3.73	2.68	2.96	0.08
1.15	1.98	0.05	0.98	3.01	3.22	3.91	0.05
1.11	1.75	0.07	0.4	2.34	2.97	3.69	0.03
0.67	0.46	0.02	-0.01	0.85	3.62	4.67	-0.01
0.77	0.91	0.02	0.27	1.6	2.93	4.48	0.02
1.05	1.48	0.04	0.81	3.02	2.59	3.85	0.02
1.35	0.8	0.04	0.35	2.18	2.6	3.85	0.01
0.9	0.18	0.02	0.2	0.78	1.47	6.08	-0.01
0.66	0.09	0.01	0.01	0.13	2.7	4.65	-0.01
0.33	0.64	0.02	0.09	0.54	2.98	4.72	-0.01
0.49	0.39	0.02	0.06	0.57	2.58	5.17	-0.01

0.72	0.61	0.05	0.17	1.24	1.89	5.21	-0.01
2.87	2.62	0.09	2.08	4.37	2.83	2.9	0.12
0.87	2.56	0.06	1.2	1.41	2.35	4.03	0.11
1.09	1.38	0.04	0.94	3.13	2.79	3.8	0.04
1.36	1.1	0.03	0.4	1.07	2.39	5.13	0.02
0.72	0.17	0.01	0.12	0.35	2.45	5.42	-0.01
0.65	0.53	0.03	0.07	0.39	2.58	5.17	-0.01
0.96	1.45	0.05	0.27	0.64	2.32	5.13	0.01
1.3	2.8	0.07	1.38	1.93	2.56	3.77	0.13
1.37	2.57	0.06	0.6	1.95	2.84	4.62	0.11
1.07	2.83	0.07	1.31	1.67	2.18	3.99	0.09
1.09	3.01	0.07	0.7	2.02	2.88	4.49	0.11
1.64	0.09	0.01	-0.01	0.05	2.38	5.19	-0.01
0.52	1.36	0.02	0.39	1.98	3.38	4.11	0.04
0.92	1.51	0.04	0.42	2.26	3.28	3.93	0.03
1.09	1.02	0.03	0.16	0.83	2.62	5.26	0.02
0.56	0.08	0.01	0.02	0.07	1.27	3.44	-0.01
0.17	0.04	-0.01	-0.01	0.11	1.45	6	0.01
1.59	1.45	0.04	0.28	1.46	2.4	5.11	0.06
1.51	1.58	0.05	0.36	1.47	2.26	4.75	0.06
1.93	3.21	0.08	0.42	1.96	2.8	4.26	0.18
1.01	1.02	0.05	0.46	2.42	2.66	4.43	0.02
1.5	1.11	0.04	0.53	2.31	2.96	4.18	0.04
1.41	1.29	0.04	0.52	2.59	2.9	3.99	0.03
1.4	1.37	0.05	0.64	2.29	3.01	3.96	0.04
2.34	3.22	0.09	3.2	5.83	2.29	2.54	0.05
1.13	1.37	0.04	0.46	2.82	2.85	3.08	0.04
2.54	3.32	0.09	3.5	6.21	2.27	2.41	0.06
1.79	0.97	0.04	0.99	2.9	2.64	3.89	0.02
3.01	2.85	0.08	3.49	6.38	2.06	2.46	0.06
1.43	1.18	0.04	0.22	1.19	2.49	5.06	0.03
0.33	0.21	-0.01	0.14	0.76	2.51	5.54	-0.01
1.24	1.28	0.03	0.15	1.18	2.35	4.93	0.01
0.76	1.59	0.04	0.56	2.91	3.6	3.41	0.07
0.52	0.23	0.02	0.08	0.43	2.87	5.4	0.01
0.44	0.53	0.04	0.1	0.69	3.39	4.7	0.01
1.5	6.24	0.14	6.02	9.09	2.14	1.21	0.07
0.74	1.49	0.1	0.26	1.1	3.6	3.91	0.02
0.35	0.94	0.06	0.16	0.9	3.56	4.24	0.02
1.21	2.46	0.19	1.26	4.05	3.74	1.6	0.14
0.46	0.64	0.05	0.08	0.56	3.41	4.78	0.01
0.24	0.67	0.05	0.04	0.39	2.84	5.31	-0.01
0.43	1.22	0.03	0.38	1.56	3.29	4.51	0.03
0.53	0.4	0.04	0.09	0.67	3.54	4.77	0.01
0.39	1.05	0.08	0.08	0.72	2.62	5.19	-0.01
0.78	0.19	0.06	0.06	0.8	3.47	4.92	0.01
1.39	1.27	0.04	0.69	3.35	3.56	3.04	0.08
1.22	1.01	0.03	0.57	2.62	3.46	3.67	0.06
0.45	0.51	0.04	0.1	0.65	2.86	5.18	0.01
0.62	1.25	0.03	0.73	2.46	2.9	4.12	0.04
1.04	1.61	0.04	0.7	3.11	3.58	3.09	0.08
1.45	1.75	0.03	0.86	3.76	3.86	2.61	0.1
1.12	0.95	0.09	0.58	2.82	3.39	3.48	0.06
1.16	1.78	0.05	0.79	3.84	3.56	2.61	0.09
1.08	0.68	0.04	0.52	2.79	3.59	3.56	0.06
1.14	1.34	0.06	0.64	3.14	3.53	3.26	0.07

0.66	0.74	0.03	0.26	1.45	3.25	4.91	0.02
0.29	0.4	0.02	0.08	0.48	3.55	4.87	-0.01
0.69	0.9	0.05	0.36	1.24	3.49	4.96	0.04
0.35	0.56	0.02	0.43	1.78	2.79	4.73	0.02
1.24	1.49	0.06	1	2.93	3.26	3.8	0.06
0.46	0.71	0.02	0.16	0.85	3.27	5.06	0.01
0.22	0.28	0.02	0.1	0.53	3.33	5.04	-0.01
0.24	0.41	0.02	0.13	0.6	3.25	5.15	-0.01
0.14	0.23	0.01	0.1	0.41	3.56	5.99	0.01
0.9	0.88	0.03	0.54	1.61	3.12	4.68	0.03
1.01	2.01	0.07	1.23	3.01	3.08	3.94	0.06
1.22	0.93	0.06	0.48	2.17	3.27	4.51	0.05
0.09	0.76	0.03	0.08	0.44	3.69	5.46	-0.01
0.2	0.84	0.03	0.11	0.66	3.45	5.5	0.01
1.12	1.22	0.05	0.58	2.25	3.05	4.26	0.05
0.3	0.31	0.04	0.24	0.47	3.36	5.44	0.02
2.12	4.67	0.13	4.22	7.3	2.43	2.12	0.11
0.78	0.79	0.02	0.29	1.37	2.73	5.74	0.03
0.61	1.36	0.08	0.07	0.54	2.48	4.8	-0.01
0.46	0.89	0.06	0.08	0.51	2.62	5.38	0.01
0.43	0.7	0.05	0.09	0.51	2.81	5.76	0.01
1.78	4.38	0.11	4.23	7.05	2.61	2.37	0.09
2.94	7.09	0.23	1.23	6.46	2.13	2.72	0.64
0.23	0.66	0.03	0.1	0.55	3.39	4.89	-0.01
0.38	0.63	0.04	0.07	0.52	3.25	5.12	0.01
0.28	0.56	0.03	0.15	0.61	3.51	4.92	0.01
1.72	5.4	0.12	4.06	7.63	2.75	1.56	0.1
0.41	0.56	0.02	0.09	0.62	3.24	5	-0.01
0.21	1.4	0.02	0.35	1.57	2.95	4.85	0.02
1.67	3.52	0.09	2.84	5.54	2.69	2.97	0.09
1.16	0.91	0.05	0.58	1.87	3.37	4.42	0.06
0.69	1.23	0.03	0.28	1.13	3.64	4.22	0.02
0.87	0.48	0.02	0.18	0.96	2.84	4.66	-0.01
1.14	0.69	0.02	0.31	1.39	2.88	4.37	0.01
1.04	1.17	0.03	0.56	1.76	3.45	4.25	0.05
1.05	0.98	0.03	0.36	1.91	2.89	4.24	0.02
1.46	1.02	0.03	0.48	2.28	2.87	4	0.02
1.05	1.02	0.04	0.35	1.46	3	4.66	0.03
1.39	1.4	0.05	0.24	1.49	2.46	3.49	0.02
0.88	2.28	0.07	0.9	3.26	3.42	3.26	0.09
0.99	1.2	0.03	0.36	1.73	2.56	4.68	0.01
0.92	1.91	0.05	1.28	2.9	2.63	4.28	0.05
1.67	0.77	0.04	0.81	1.95	2.55	4.77	0.02
1.94	1.37	0.03	0.7	2.46	2.92	3.72	0.04
0.84	0.41	0.03	0.1	0.72	3.06	5.02	-0.01
1.01	1.28	0.03	0.52	1.62	3.5	4.52	0.06
1.36	1.07	0.02	0.54	1.48	2.98	4.6	0.03
1.16	4.7	0.1	3.07	6.21	2.78	1.96	0.1
0.46	1.43	0.04	0.26	1.43	3.11	4.67	0.03
1.13	3.95	0.17	0.81	3.88	2.7	2.34	0.1
0.78	2.95	0.06	1	3.47	2.97	2.47	0.11
1.66	3.13	0.04	1.24	2.96	3.64	3.69	0.11
1.81	2.79	0.09	1.91	4.84	3.17	2.41	0.11
1.71	2.39	0.08	1.55	4.32	3.26	2.48	0.1
0.6	0.38	0.02	0.12	0.7	3.11	5.36	0.01
0.51	0.59	0.02	0.17	0.9	3.21	4.86	0.01

0.45	0.59	0.03	0.2	1.03	3.24	4.83	0.02
1.12	1.12	0.06	0.39	1.76	3.55	4.21	0.04
0.47	1.24	0.04	0.3	1.3	3.21	4.68	0.05
0.51	1.22	0.04	0.39	1.42	3.17	4.55	0.06
0.51	0.92	0.03	0.21	1.04	3.02	4.76	0.03
0.47	1.38	0.04	0.34	1.28	3.16	4.51	0.06
0.61	1.55	0.03	0.45	1.57	2.99	4.7	0.07
0.53	1.06	1.03	0.24	1.3	2.13	4.33	0.04
0.49	0.32	0.04	0.11	0.42	3.75	4.31	0.33
0.89	7.2	0.15	7.47	9.1	2.14	0.74	0.07
1.35	0.49	0.04	0.13	1.22	3	4.34	0.02
1.05	0.12	0.01	0.15	0.09	2.55	4.92	0.01
-0.01	0.3	0.01	0.16	0.01	0.06	0.27	-0.01
1.64	0.72	0.04	0.26	0.84	2.64	5.45	0.03
1.6	2.33	0.08	0.64	1.77	2.84	4.68	0.1
0.95	1	0.04	0.2	0.79	2.75	5.29	0.02
2.24	3.55	0.09	0.63	2.36	3	4.15	0.22
1.58	6.32	0.12	0.94	3.57	3.15	2.79	0.36
0.92	0.4	0.01	0.26	0.04	1.37	3.77	0.01
1.29	1.26	0.05	0.32	1.29	2.7	5.12	0.05
0.67	0.38	0.01	0.21	0.02	0.05	3.61	0.02
1.19	1.74	0.05	0.38	1.49	2.77	5.08	0.06
1.05	1.18	0.04	0.26	1.12	2.89	5.33	0.04
1.14	2.36	0.08	1.73	3.65	3.42	2.3	0.14
1.25	2.79	0.06	1.47	3.37	3.03	2.61	0.09
1.39	0.79	0.03	0.27	1.79	3.08	4.76	0.04
0.8	2.67	0.06	1.47	3.28	2.98	3.29	0.08
0.75	0.84	0.03	0.14	0.79	2.94	5.29	0.02
0.65	0.9	0.03	0.21	0.7	3.09	5.3	0.01
0.98	1.22	0.05	0.23	0.94	2.74	5.22	0.03
0.85	0.69	0.02	0.09	0.79	3.01	5	0.01
0.98	1.76	0.05	0.38	1.32	2.75	4.96	0.06
1.26	2.17	0.06	0.57	1.54	2.83	4.7	0.09
1.18	2.1	0.05	0.26	1.35	3.01	4.76	0.08
1.44	1.64	0.06	0.46	1.3	2.73	4.97	0.07
1.01	1.63	0.05	0.33	1.28	2.73	5.11	0.05
0.87	1	0.04	0.11	0.13	2.41	5.62	0.01
1.19	1.5	0.05	0.31	1.22	2.61	5.05	0.05
0.77	0.65	0.03	0.17	0.61	2.89	4.99	0.01
1.18	1.92	0.06	0.44	1.65	2.9	5.11	0.08
1.04	0.82	0.05	0.23	1.62	1.58	5.07	0.03
1.25	1.45	0.05	0.39	1.43	2.93	5.2	0.06
1.18	3	0.07	1.46	3.78	2.8	2.69	0.09
1.55	2.59	0.08	0.75	1.63	2.9	4.36	0.11
1.54	2.35	0.07	0.68	1.61	2.82	4.62	0.1
0.93	1.22	0.03	0.18	1.03	3.1	5.1	0.02
1.8	4.06	0.09	0.58	2.52	3.04	4.01	0.22
0.99	1.78	0.05	0.37	1.43	2.79	4.87	0.06
0.79	0.86	0.03	0.15	0.92	2.98	4.94	0.02
0.77	0.78	0.03	0.11	0.76	2.96	5.15	0.01
1.61	0.68	0.05	0.35	0.72	2.85	5.3	0.04
1.03	2.5	0.07	0.71	1.6	2.91	4.73	0.1
1.12	1.45	0.05	0.34	1.12	2.92	5.15	0.05
0.85	0.71	0.03	0.11	0.66	2.79	4.98	0.01
1.07	0.49	0.03	0.15	0.63	2.95	4.96	0.02
1.64	1.53	0.06	0.4	1.23	2.73	4.88	0.06

0.61	1.33	0.04	0.49	1.44	2.91	4.99	0.1
0.81	0.6	0.03	0.11	0.95	2.74	5.07	0.01
0.68	0.71	0.04	0.17	0.51	2.93	5.15	-0.01
1.09	0.9	0.04	0.19	1.01	2.82	5.35	0.03
2	0.32	0.01	0.33	0.03	0.08	3.38	0.02
1.52	3.02	0.08	0.83	2.17	2.97	4.55	0.14
0.82	2.66	0.06	0.55	2.03	3.37	3.64	0.09
1.45	3.43	0.08	0.87	2.46	2.92	4.3	0.15
1.49	2.13	0.07	0.63	1.76	2.97	4.77	0.1
0.8	1.76	0.05	0.36	1.19	2.43	4.97	0.04
1.42	1.12	0.04	0.29	1.05	2.75	5.15	0.04
1.33	3.46	0.08	0.87	2.48	2.9	4.33	0.15
1.04	1.78	0.05	0.38	1.18	2.82	5.03	0.05
0.93	0.9	0.03	0.07	0.87	3.77	3.67	0.01
1.4	2.57	0.07	1.36	3.07	3.04	2.4	0.09
1.19	2.44	0.07	1.23	3.61	3.09	3.09	0.09
1.25	1.52	0.05	0.4	1.27	2.75	5.18	0.05
0.65	0.86	0.03	0.14	0.68	3.17	5.18	0.02
0.75	0.99	0.03	0.14	1.22	3.46	4.25	0.02
0.69	1.31	0.03	0.18	1.28	3.7	3.79	0.03
1.14	2.76	0.07	0.84	1.71	2.9	4.48	0.12
1.11	1.6	0.04	0.32	1.37	3.03	5.27	0.07
1.18	2.04	0.05	1.33	3.54	4.02	2.98	0.09
1.4	1.62	0.06	0.37	1.92	2.45	4.74	0.08
0.77	0.82	0.03	0.1	0.72	2.94	5.1	0.01
1.22	1.74	0.05	0.39	1.23	3	4.5	0.07
0.42	0.27	0.01	0.19	0.27	1.46	5.58	0.07
0.94	3.46	0.07	0.41	2	2.75	4.05	0.17
0.77	0.27	0.01	0.04	0.67	3.06	4.12	0.01
1.17	2.8	0.06	0.39	1.94	3.03	3.52	0.14
1.15	1.15	0.04	0.17	1.06	2.79	5.18	0.04
1.04	0.7	0.03	0.09	1.15	3.41	3.96	0.02
0.74	0.96	0.03	0.11	0.82	2.92	5.16	0.02
1.05	1.73	0.05	0.31	1.46	2.88	4.97	0.06
0.88	1.27	0.04	0.18	0.9	2.81	5.19	0.03
1.22	1.79	0.05	0.36	1.5	2.76	4.97	0.07
0.83	1.23	0.04	0.16	0.94	2.7	5.17	0.03
0.64	1.03	0.03	0.08	0.81	3.08	4.95	0.02
1.22	3.61	0.08	0.88	2.2	2.96	4.25	0.15
1.27	3.85	0.09	0.9	2.29	2.97	4.22	0.15
1.65	1.28	0.07	0.52	1.97	3.88	3.56	0.06
1.9	3.4	0.11	7.48	15.49	1.22	0.15	0.03
0.79	0.16	0.02	0.03	0.35	4.23	4.48	0
0.44	0.8	0.02	0.08	0.44	3.34	4.52	0.01
0.41	0.79	0.02	0.09	0.69	3.6	3.55	0
0.17	0.75	0.02	0.05	0.93	3.38	4.06	0.01
0.95	0.31	0.01	0.06	0.67	3.27	4.3	0
0.64	0.94	0.04	0.04	0.59	3.62	3.97	0
1.04	1.79	0.06	0.28	1.89	3.64	3.18	0.05
0.56	0.89	0.21	0.18	2.81	0.49	4.93	0.01
0.6	1	0.04	0.3	1.3	3	4.88	0.04
0.4	1.2	0.02	0.3	1.2	3	5.16	0.04
5.2	0.2	-0.02	-0.1	0.1	3.8	0.12	0.02
2.59		0.04	0.53	1.89	3.15	4.17	0.11
0.26	1.53	0.04	0.16	1.04	3.4	4.5	0.03
0.46	1.31	0.04	0.17	1.07	3.45	4.34	0.03

0.47	1.8	0.05	0.32	1.13	3.85	4.38	0.06
0.23	1.35	0.04	0.24	1.09	3.8	4.48	0.04
0.47	1.94	0.06	0.69	1.57	2.95	4.4	0.09
1.44	2.65	0.09	1.32	4.16	3.35	2.57	0.11
1.39	2.7	0.08	1.38	3.94	3.3	2.75	0.11
1.69	3.15	0.1	1.76	4.64	3.35	2.16	0.12
0.03	0.3	0.1	0.04	0.67	2.95	6.73	0.01
1.34	2.6	0.08	1.31	3.77	3.2	3.05	0.08
0.72	1.4	0.04	0.35	1.88	3.8	3.88	0.04
0.38	0.7	0.03	0.18	1.2	3.25	4.59	0.02
0.52	0.3	0.01	0.06	0.25	3.4	5.21	0
0.67	1.23	0.04	0.26	1.51	3.7	4.3	0.03
0.31	0.78	0.02	0.16	0.91	3.4	4.97	0.01
0.5	0.71	0.03	0.11	0.91	3.55	4.74	0.02
1.1	1.34	0.03	0.52	2.71	4.1	2.82	0.12
3.14	0.4	0.09	1.93	3.58	3.25	3.13	0.11
2.4	0.75	0.05	0.13	0.79	3.7	4.45	0.03
3.48	3.85	0.12	1.74	2.58	4.1	2.41	0.24
1.51	2.3	0.08	0.6	1.73	3.7	3.7	0.14
0.53	0.3	0.01	0.06	0.1	1.2	6.77	0.02
0.82	1.68	0.07	0.75	2.51	3.55	3.82	0.05
0.89	2.15	0.06	0.88	2.32	3.4	4.15	0.12
0.8	1.9	0.07	0.84	2.73	3.7	3.42	0.06
0.34	0.97	0.02	0.19	0.6	3.35	5.29	0.02
0.9	0.25	0.01	0.01	0.46	3.6	5.19	0
0.21	1.08	0.02	0.11	0.6	3.35	4.71	0.01
0.9	2.73	0.05	0.56	2.46	3.45	4.24	0.06
0.82	2.21	0.03	0.44	1.81	3.25	4.44	0.05
0.1	1.51	0.04	0.33	1.21	3.6	4.33	0.07
0.68	2.24	0.04	0.4	2.04	3.35	4.28	0.04
1.02	3.13	0.05	0.75	1.75	3.9	4	0.06
0.67	2.89	0.05	0.64	2.29	3.45	4.13	0.06
0.01	0.37	0.01	0.07	0.68	3.6	4.65	0.01
0.56	2	0.03	0.42	1.63	3.2	4.63	0.04
0.58	2.47	0.05	0.33	1.84	2.2	4.52	0.04
0.38	1.08	0.04	0.1	0.71	3.4	5.01	0.03
0.3	0.86	0.05	0	0.58	3.1	3.9	0.02
0.31	1.23	0.04	0.21	1.27	3.7	5.11	0.02
0.38	1.23	0.04	0.16	1.09	3.95	4.25	0.05
0.73	0.63	0.03	0.11	0.64	4.1	4.54	0.02
0.23	0.82	0.02	0.05	0.63	3.5	4.67	0.01
0.72	0.67	0.02	0	0.38	3.8	5.03	0.01
0.53	1.12	0.04	0.21	0.91	3.3	4.64	0.04
0.37	1.16	0.03	0.2	0.88	3.1	5.09	0.03
0.29	0.93	0.03	0.1	0.27	3.6	4.97	0.01
0.07	1.01	0.03	0.09	0.28	3.45	5.26	0.01
0.29	1.79	0.05	0.35	1.55	3.35	4.28	0.05
0.1	1.79	0.03	0.22	1.5	3.55	4.23	0.04
0.3	1.79	0.03	0.43	1.63	3.65	4.03	0.06
0	0.86	0.03	0.08	0.6	3.7	4.55	0.01
1.06	2.1	0.06	1.24	3.27	3.8	3.09	0.07
0.15	1.2	0.03	0.34	1.24	3.65	4.46	0.06
0.62	2.65	0.07	0.9	2.55	3.6	5.65	0.13
0.79	1.9	0.05	0.75	2.06	3.6	4.19	0.1
0.42	0.75	0.03	0.16	0.92	4.3	4.12	0.02
0.73	0.26	0.01	0.02	0.17	3.8	4.84	0.01

1.86	2.15	0.06	0.85	2.35	3.35	3.88	0.13
0.41	1.04	0.04	0.12	0.58	3.3	4.76	0.02
0.56	0.48	0.02	0.03	0.66	4.3	4.18	0
2.74	3.65	0.1	5.11	14.73	1	0.14	0.02
0.94	2.15	0.09	0.52	1.86	4.6	3.34	0.06
1.34	0.35	0.06	0.13	0.97	4.5	3.2	0.02
2.49	4.95	0.13	3.17	8.15	3.25	1.26	0.16
1.53	2.15	0.11	0.69	2.17	2.2	5.98	0.14
0.45	1.31	0.03	0.21	0.82	3.2	4.64	0.02
0.19	1.16	0.03	0.1	0.76	3.5	4.68	0.01
0.11	1.12	0.02	0.03	0.73	3.45	5.02	0.01
0.07	0.2	0	0	0.53	4.1	4.88	0
0.3	1.27	0.03	0.09	0.77	3.2	4.89	0.01
0.19	0.8	0.01	0.03	0.63	4.35	4.13	0
0.24	1.64	0.04	0.26	1.36	3.45	4.52	0.04
0.19	1.64	0.03	0.32	1.24	3.5	4.84	0.05
0.23	0.82	0.03	0.18	0.87	3.6	4.75	0.03
0.56	0.86	0.03	0.01	0.59	3.7	4.94	0
0.34	1.42	0.03	0.22	1.27	3.5	4.63	0.04
0.55	1.27	0.04	0.1	1.19	4.25	3.87	0.01
2.27	4.25	0.14	0.79	2.46	3.9	2.39	0.23
2.34	4.5	0.13	3.03	6.05	3.45	1.81	0.19
0.58	0.52	0.03	0	0.31	3.45	5.01	0
0.46	1.31	0.04	0.06	0.76	3.5	4.8	0.02
0.4	1.01	0.03	0.12	0.49	3.3	5.36	0.02
0.32	0.86	0.37	0.06	0.29	3	5.43	0.01
0.03	1.92	0.03	0.3	1.33	3.2	4.52	0.03
0.46	1.96	0.03	0.4	1.51	3.45	4.45	0.03
0.32	0.71	0.05	0.05	0.45	3.15	4.87	0
0.24	0.82	0.05	0.05	0.48	3.9	4.52	0
0.33	0.71	0.03	0.02	0.44	3.25	5.06	0
0.28	0.78	0.05	0.06	0.61	3.65	4.74	0
0.5	0.78	0.06	0.04	0.4	2.9	4.99	0
0.09	1.08	0.02	0.11	0.72	3.2	4.93	0.02
0	0.93	0.02	0.11	0.73	3.05	4.79	0.02
0.19	1.38	0.04	0.18	0.73	3.4	4.97	0.02
0.25	2.25	0.05	0.4	1.31	3.1	4.93	0.05
0.77	2.83	0.05	0.56	2.55	3.5	3.82	0.06
0.95	2.62	0.05	0.57	2.37	3.6	4.11	0.05
1.28	3.22	0.15	0.68	3.05	3.3	4.4	0.07
0.46	1.96	0.03	0.41	1.57	3.7	4.56	0.05
0.62	2.01	0.04	0.37	1.59	3.3	4.59	0.03
0.89	3.35	0.08	1.01	2.19	3.65	3.78	0.16
0.63	0.65	0.04	0.43	1.73	3.9	3.81	0.04
0.8	3.6	0.08	1.11	2.58	3.25	3.5	0.15
0.1	1.38	0.04	0.22	1.17	3.2	4.26	0.03
1.26	2.7	0.08	2.1	4.35	2.65	3.4	0.08
1.77	5.75	0.22	4.64	7	3	1.74	0.12
4.66	6.2	0.15	1.69	5.46	2.51	2.06	0.48
1.15	0.03	0.38	1.75	2.74	4.32	0.03	0
0.74	1.39	0.04	0.5	1.53	3.09	4.77	0.1
0.82	1.33	0.04	0.46	1.39	2.72	4.98	0.09
2.01	2.48	0.08	1.64	3.79	3.27	2.69	0.09
0.38	0.51	0.04	0.05	0.42	3.76	4.52	-0.01
1.64	4.38	0.1	3.91	6.73	2.58	2.44	0.09
1.09	1.1	0.03	0.42	2.01	2.89	4.21	0.03

0.87	1.17	0.03	0.45	1.87	3.15	4.26	0.03
1.14	0.96	0.03	0.43	1.6	2.92	4.31	0.03
0.31	0.42	0.04	0.12	0.41	3.99	4.48	0.32
1.01	2.19	0.05	0.25	1.54	3.39	3.6	0.08
1.02	1.99	0.05	0.2	1.26	3.08	4.78	0.07
0.6	2.3	0.07	1.2	0.5	1.4	2.71	0.05
0.94	1.49	0.05	0.53	1.72	3.11	4.38	0.06
0.56	1.38	0.04	0.56	1.83	3.02	4.8	0.07
0.58	1.35	0.05	0.55	1.82	2.96	4.91	0.06
0.49	0.77	0.03	0.09	1.1	2.53	4.83	0.04
0.81	1.13	0.05	0.44	1.62	3.49	4.33	0.07
1.12	4.88	0.11	4.14	6.9	2.74	2.23	0.1
1.66	5.63	0.22	4.32	7.29	4.08	1.93	0.15
1.71	5.58	0.22	4.34	7.49	3.69	1.86	0.12
1.52		0.05	0.28	1.11	3.13	4.57	0.07
0.1	1.3	0.06	0.3	1.1	3.3	4.48	0.06
0.29	0.36	0.07	0.06	0.23	4.71	3.96	0.1
0.29	0.37	0.08	0.08	0.31	4.36	4.14	0.11
0.8		0.08	0.07	0.15	4.07	4.16	0.07
0.25	0.42	0.08	0.07	0.27	4.13	3.7	0.1
0.36	0.33	0.09	0.08	0.3	4.46	3.95	0.11
0.75		0.07	0.07	0.27	4.32	3.9	0.11
0.29	1.02	0.06	0.33	0.96	3.44	4.58	0.09
0.28	1.05	0.06	0.34	1.03	3.5	4.54	0.1
0.29	0.99	0.05	0.27	1.11	3.3	4.56	0.05
5.57		0.09	1.98	5.52	3.25	1.77	0.14
5.57		0.09	1.98	5.52	3.25	1.77	0.14
1.4	0	0.06	0.3	0.85	3.47	4.44	0.08
2.58	0	0.06	0.7	1.95	3.04	4.02	0.14
1.98		0.03	0.32	1.76	2.81	4.73	0.06
2.46		0.04	0.48	2.27	2.85	4.24	0.08
1.29		0.03	0.34	1.02	3.27	4.02	0.21
1.2	0	0.03	0.3	0.84	3.43	4.79	0.24
1.25	0	0.03	0.34	0.85	3.23	4.98	0.23
0.97	0	0.02	0.22	0.29	3.5	4.89	0.19
1.7	0	0.03	0.32	0.57	2.67	4.92	0.16
0.2	1.8	0.02	0.5	1.1	3.2	4.76	0.12
1.68	0	0.03	0.32	0.55	2.91	4.89	0.16
2.55		0.05	0.49	1.8	3.17	3.84	0.1
2.97		0.05	0.61	2.14	3.3	3.76	0.12
2.8		0.04	0.61	1.94	2.96	4.07	0.11
2.59		0.04	0.53	1.88	3.03	4.34	0.1
2.84		0.04	0.59	1.99	3.21	4.01	0.13
1.73		0.05	0.37	0.68	2.87	4.8	0.16
0.85		0.04	0.05	0.3	4.17	4.5	0.35
1.33		0.02	0.14	0.81	2.97	4.98	0.05
0.4	0.6	0.01	0.1	0.7	3.1	5.12	0.03
0.84		0.01	0.08	0.73	3.22	5.17	0.03
1.74		0.03	0.2	1.44	2.97	4.95	0.05
0.2	2.7	0.03	0.5	2.5	2.8	3.86	0.08
2.92		0.03	0.52	2.05	2.47	4.82	0.08
0.3	0.9	0.04	0.1	0.5	3.5	4.74	0.04
0.2	0.3	0.06	-0.1	0.2	4.1	4.18	0.24
0.6	2.5	0.04	0.9	1.9	2.9	4	0.16
0.7	2.1	0.04	0.7	1.8	2.8	4.4	0.14
4.13	0	0.06	1.92	4.24	2.59	3.39	0.08

0.2	1.8	0.04	0.5	1.6	2.7	4.6	0.1
0.4	0.8	0.04	0.2	0.6	3.2	4.78	0.18
0.3	1.1	0.04	0.4	0.7	2.9	4.8	0.2
3.36	0	0.04	0.88	2.2	3.37	4.53	0.18
0.6	2.5	0.06	0.7	2	3.2	4.36	0.18
0.3	0.9	0.04	0.2	0.7	3.5	4.88	0.08
0.7	0.5	0.04	0.2	0.5	3.1	4.66	0.16
1.24		0.03	0.2	0.38	3.03	4.77	0.17
0.2	1	0.04	0.2	0.4	3.3	4.72	0.18
1.41		0.04	0.25	0.45	3	4.69	0.18
0.3	0.6	0.06	-0.1	0.4	4.1	4.2	0.26
2.02	0	0.04	0.39	1.04	3.25	4.71	0.1
-0.1	1.3	0.04	0.18	0.5	3.5	4.69	0.06
0.3	1.5	0.04	0.5	1.2	3.2	4.48	0.1
1.99	0	0.03	0.49	1.18	3.09	4.55	0.11
0.3	1.5	0.04	0.4	1.2	3.1	4.58	0.12
1.99	0	0.03	0.49	1.16	3.08	4.6	0.11
1.79	0	0.04	0.3	0.78	3.26	4.74	0.08
0.2	0.9	0.08	0.2	0.5	3.4	4.34	0.12
0.2	0.7	0.06	0.2	0.5	3.7	4.46	0.14
0.2	0.8	0.04	-0.1	0.3	4	4.2	0.2
0.1	0.9	0.06	-0.1	0.3	3.6	4.04	0.2
0.3	0.6	0.06	0.1	0.5	3.4	4.76	0.14
1.1	0.3	0.04	-0.1	0.1	3.8	3.52	0.06
0.3	1.7	0.04	0.5	1	2.9	5.22	0.12
0.4	1.6	0.04	0.5	0.9	3	4.88	0.12
0.3	1.7	0.02	0.4	1.1	3.1	5.2	0.1
1.3	5.9	0.14	6.7	7.1	2.9	1.54	0.18
0.4	0.7	0.04	0.3	0.3	3.34	4.3	0.22
0.5	1.6	0.04	0.5	1.4	2.88	5.16	0.1
0.3	1.8	0.04	0.5	1.5	3.04	5.23	0.09
0.4	1.7	0.06	0.4	1.2	3.19	4.56	0.12
-0.1	2	0.06	0.4	1.2	3.22	4.19	0.12
0.4	2.5	0.05	0.7	2	3	4.79	0.17
0.3	0.9	0.02	0.2	0.6	3.15	5.1	0.04
0.6	0.7	0.02	0.2	0.7	3.2	5.1	0.04
0.4	1.7	0.03	0.5	1.4	2.81	4.76	0.1
0.3	0.7	0.06	0.2	0.5	3.46	4.31	0.23
0.4	1.6	0.04	0.5	1.2	2.99	4.85	0.1
0.1	1.7	0.04	0.5	1.2	3.02	4.56	0.09
0.4	1.1	0.04	-0.1	0.4	3.3	5.04	-0.02
0.7	1.4	0.08	0.5	2.8	3.9	2.5	0.1
1.54		0.03	0.3	1.28	2.72	5.53	0.07
0.34	1.84	0.04	0.49	1.9	3.04	4.55	0.1
1.83		0.05	0.31	1.45	3.05	4.45	0.05
1.44		0.04	0.31	1.13	3.31	4.65	0.13
0.78	2.2	0.05	0.63	2.19	3.24	3.78	0.13
2.02	0	0.04	0.37	1.88	2.77	4.56	0.06
1.6	0	0.04	0.37	0.73	2.98	5	0.19
1.58	0	0.04	0.36	0.73	2.8	5.04	0.19
0.63	0.43	0.03	0.12	0.39	3.5	4.83	0.06
0.43	0.56	0.03	0.09	0.34	3.56	4.53	0.19
1.56		0.03	0.24	0.4	2.79	4.67	0.14
1.48		0.03	0.22	0.45	2.87	4.75	0.15
0.35	1.7	0.05	0.49	1.51	2.77	4.82	0.09
0.41	0.96	0.04	0.36	1	2.85	4.92	0.15

1.71	0	0.04	0.55	2.01	2.76	3.68	0.12
0.18	0.93	0.04	0.14	0.86	3.67	4.79	0.03
0.32	1.74	0.04	0.78	2.57	2.57	2.94	0.14
0.24	0.84	0.06	0.16	0.79	3.63	4.46	0.06
1.04	4.11	0.08	1.76	2.65	2.3	2.75	0.12
1.04	4.11	0.08	1.76	2.65	2.3	2.75	0.12
1.81		0.03	0.34	2.06	3.5	3.86	0.06
0.6	2.1	0.05	0.9	2.5	3.7	3.3	0.12
2.05	0	0.04	0.51	1.09	2.9	4.96	0.15
0.33	1.09	0.04	0.35	0.67	3.38	5.09	0.2
0.6	0.6	0.04	0.1	0.5	3.4	4.86	0.2
1.28	0	0.04	0.19	0.54	3.65	4.13	0.15
1.15	0	0.05	0.2	0.4	3.61	4.73	0.17
1.22	0	0.04	0.17	0.43	3.7	5.02	0.15
1.46	0	0.04	0.21	0.46	3.39	4.98	0.17
0.8	0.8	0.07	0.3	0.8	3.8	4.92	0.1
2.03		0.03	0.42	1.01	2.95	5.03	0.12
1.96		0.04	0.41	1.02	3	5.07	0.12
1.96		0.04	0.41	1.02	3	5.07	0.12
4.16		0.06	1.48	2.02	2.96	3.62	0.15
2	0	0.04	0.48	1.04	2.89	5.04	0.16
0.65	1.47	0.04	0.64	1.19	2.75	4.85	0.16
0.46	1.26	0.03	0.52	1.01	2.83	5.09	0.16
1.9	0	0.03	0.51	1.02	2.94	5.07	0.17
0.42	1.64	0.04	0.64	1.09	2.73	4.8	0.17
0.52	1.75	0.04	0.6	1.21	2.85	4.86	0.12
0.6	1	0.04	0.3	0.7	3.2	4.7	0.09
0.68	1.1	0.05	0.31	0.74	3.14	4.84	0.09
0.64	1.32	0.03	0.38	1.13	3.16	5.18	0.08
2.09		0.04	0.39	1.13	3.26	5.17	0.07
0.42	0.47	0.03	0.11	0.43	3.36	4.95	0.17
0.52	2.61	0.05	1.27	2.48	3.52	3.15	0.25
0.4	2.8	0.06	1.2	2.5	3.5	3.1	0.26
0.7	2.5	0.06	1.3	2.5	3.6	3.09	0.26
0.64	1.25	0.04	0.33	0.82	3.11	4.93	0.09
0.6	1.36	0.04	0.4	1.22	3.22	5.31	0.07
1.12		0.04	0.13	0.38	3.03	4.86	0.18
1.12		0.04	0.13	0.38	3.03	4.86	0.18
1.33		0.04	0.19	0.42	3.06	4.81	0.16
0.54	0.69	0.04	0.19	0.41	3.04	4.8	0.16
1.2	3.1	0.08	2.1	4.4	2.88	2.92	0.08
0.4	1.1	0.04	0.3	0.8	3.4	4.89	0.09
0.35	0.35	0.05	0.08	0.12	3.81	4.45	0.07
0.75	0	0.04	0.08	0.14	3.31	4.3	0.06
2.11		0.03	0.43	0.98	2.89	4.98	0.12
2.23	0	0.03	0.48	1.19	3.03	5.15	0.1
2.2	1.9	0.04	0.5	1	2.9	4.98	0.12
0.7	1.4	0.06	0.3	0.7	2.9	4.3	0.08
1.89		0.02	0.32	1.44	2.96	4.83	0.06
1.45		0.04	0.24	1	3.09	4.69	0.06
1.8	0	0.03	0.28	1.38	2.77	5.09	0.05
2.25	0	0.03	0.37	1.6	2.66	4.97	0.06
0.15	0.82	0.06	0.13	0.48	3.58	4.6	0.12
1.16		0.04	0.18	0.94	3.4	5.67	0.04
1.05		0.06	0.12	0.5	3.48	4.45	0.12
2.24		0.05	0.4	1.5	3.19	4.5	0.1

1.28		0.05	0.17	0.91	3.46	4.96	0.04
1.07		0.06	0.13	0.48	3.73	4.56	0.12
0.89		0.04	0.14	0.83	3.07	4.94	0.05
3.55		0.05	0.93	3.19	2.7	3.44	0.12
0.4	2.6	0.06	0.7	3	2.8	3.48	0.12
4.1		0.05	1.2	2.05	2.25	3.41	0.13
4.1		0.05	1.2	2.05	2.25	3.41	0.13
2.16		0.05	0.55	1.02	3.08	4.47	0.25
1.19	0	0.03	0.13	0.35	3.06	4.82	0.18
0.8	0	0.02	0.09	0.19	3.12	4.94	0.15
0.86		0.05	0.11	0.39	4.01	4.02	0.37
0.77		0.03	0.06	0.14	4.51	3.58	0.31
1.94		0.02	0.17	0.8	3.32	5.37	0.04
0.29	1.37	0.05	0.23	1.49	3.49	4.21	0.04
1.44	3.15	0.1	1.93	4.93	3.2	2.4	0.11
1.41	2.66	0.09	1.51	4.39	3.31	2.48	0.1
0.39	0.39	0.02	0.1	0.72	3.15	5.19	-0.01
0.49	0.6	0.02	0.15	0.96	3.23	4.83	0.01
0.31	0.74	0.03	0.17	1.1	3.28	4.75	0.02
1.14	1.32	0.07	0.38	1.86	3.55	4.2	0.03
0.37	1.37	0.04	0.32	1.34	3.23	4.65	0.06
0.3	1.43	0.05	0.37	1.46	3.13	4.57	0.06
0.27	1.11	0.03	0.18	1.04	3.06	4.95	0.03
0.37	1.42	0.04	0.32	1.3	3.23	4.62	0.06
0.39	1.7	0.03	0.42	1.69	3.05	4.57	0.08
0.35	1.27	0.03	0.24	1.34	3.09	4.51	0.03
1.08	1.73	0.07	0.54	1.86	4.2	3.83	0.09
0.61	2.94	0.08	1.4	3.77	2.97	3.14	0.08
0.2	0.75	0.02	0.1	1.13	2.94	4.59	0.01
0.47	2.95	0.05	1.39	3.53	3	3.23	0.08
1.6	2.08	0.04	1.42	3.34	2.92	3.42	0.07
1.89	3.55	0.06	2.06	4.1	2.94	2.86	0.1
0.39	2.24	0.08	0.89	2.61	3.05	3.82	0.06
1.01	3.7	0.1	2.26	4.7	2.97	2.79	0.1
0.67	5.74	0.03	2.24	7.29	2.58	0.71	0.01
0.4	2.27	0.06	2.03	4.06	2.45	1.59	0.08
0.74	2.9	0.04	1.57	3.68	2.65	2.94	0.08
0.69	0.89	0.04	0.29	1.51	3.43	4.15	0.03
0.73	1.86	0.05	0.92	2.87	3.1	3.68	0.06
0.47	0.53	0.02	0.17	0.87	2.96	5.27	0.01
1	0.69	0.04	0.34	1.5	3.47	4.18	0.03
0.98	1.98	0.08	1.11	3.29	3.24	3.57	0.06
0.93	2.14	0.06	1.25	3.33	3.08	3.56	0.07
1.26	2.52	0.09	1.89	4.03	2.97	3.41	0.07
0.83	2.12	0.07	1.15	3.25	2.95	3.34	0.07
0.49	0.46	0.04	0.22	0.8	3.56	4.63	0.02
0.7	2	0.02	1	0.7	2.6	1.89	0.08
0.4	0.1	-0.01	0.2	0.1	1.1	2.48	0.02
0.5	0.3	-0.01	0.1	0.1	1.2	4.98	0.01
1.48		0.03	0.22	0.45	2.87	4.75	0.15
0.63	0.43	0.03	0.12	0.39	3.5	4.83	0.06
1.04	4.11	0.08	1.76	2.65	2.3	2.75	0.12
0.33	0.57	0.02	0.09	0.67	4.04	4.35	0.1
0.36	1.04	0.03	0.25	1.07	3.29	4.71	0.11
0.72	2.41	0.06	1.55	2.93	3.04	3.57	0.17
0.92	3.19	0.07	2.39	3.82	2.84	2.81	0.14

0.65	1.47	0.04	0.64	1.19	2.75	4.85	0.16
0.46	1.26	0.03	0.52	1.01	2.83	5.09	0.16
0.6	0.96	0.04	0.3	0.7	3.12	4.78	0.09
1.69	8.94	0.17	6.6	10.23	3.09	0.64	0.31
0.68	1.1	0.05	0.31	0.74	3.14	4.84	0.09
0.64	1.32	0.03	0.38	1.13	3.16	5.18	0.08
0.52	2.61	0.05	1.27	2.48	3.52	3.15	0.25
0.64	1.25	0.04	0.33	0.82	3.11	4.93	0.09
0.6	1.36	0.04	0.4	1.22	3.22	5.31	0.07
0.54	0.69	0.04	0.19	0.41	3.04	4.8	0.16
0.98	2.68	0.06	1.66	3.46	2.92	3.38	0.14
1.06	6.47	0.13	8.72	8.12	2.3	1.25	0.17
0.84	4.96	0.1	7.95	6.57	2.56	0.97	0.12
1.4	5.15	0.11	3.16	5.41	3.46	2.54	0.26
0.35	0.35	0.05	0.08	0.12	3.81	4.45	0.07
0.52	1.75	0.04	0.6	1.21	2.85	4.86	0.12
0.33	1.09	0.04	0.35	0.67	3.38	5.09	0.2
0.56	2.91	0.04	1.51	3.53	3.42	3.32	0.12
0.42	1.64	0.04	0.64	1.09	2.73	4.8	0.17
0.42	0.47	0.03	0.11	0.43	3.36	4.95	0.17
0.44	2.19	0.04	0.99	2.79	3.39	3.74	0.09
0.58	4.32	0.08	3.06	4.76	2.92	2.65	0.17
1.19	0	0.03	0.13	0.35	3.06	4.82	0.18
0.29	1.37	0.05	0.23	1.49	3.49	4.21	0.04
2.25		0.03	0.37	1.6	2.66	4.97	0.06
0.15	0.82	0.06	0.13	0.48	3.58	4.6	0.12
0.29	0.36	0.07	0.06	0.23	4.71	3.96	0.1
0.29	0.37	0.08	0.08	0.31	4.36	4.14	0.11
0.36	0.33	0.09	0.08	0.3	4.46	3.95	0.11
0.29	1.02	0.06	0.33	0.96	3.44	4.58	0.09
0.28	1.05	0.06	0.34	1.03	3.5	4.54	0.1
0.25	0.42	0.08	0.07	0.27	4.13	3.7	0.1
1.15	0	0.05	0.2	0.4	3.61	4.73	0.17
1.22	0	0.04	0.17	0.43	3.7	5.02	0.15
2	0	0.04	0.48	1.04	2.89	5.04	0.16
3.4		0.06	1.52	2.99	2.84	3.8	0.14
1.65		0.03	0.29	0.77	3.28	4.96	0.09
2.23	0	0.03	0.48	1.19	3.03	5.15	0.1
2.2		0.04	0.44	1.01	2.89	5.03	0.12
2.4	0	0.04	0.43	1.31	3.37	4.62	0.08
2.34	0	0.03	0.33	1.29	3.29	4.76	0.06
1.93		0.05	0.27	0.64	3.17	4.57	0.07
1.12		0.04	0.13	0.38	3.03	4.86	0.18
0.77		0.03	0.06	0.14	4.51	3.58	0.31
1.33		0.02	0.14	0.81	2.97	4.98	0.05
0.84		0.01	0.08	0.73	3.22	5.17	0.03
2.92		0.03	0.52	2.05	2.47	4.82	0.08
2.19	0	0.03	0.23	1.1	3.37	4.92	0.05
4.12		0.06	0.91	2.46	3.65	3.61	0.13
1.32		0.04	0.15	0.43	3.38	4.92	0.05
2.04		0.04	0.3	0.89	3.14	4.76	0.09
2.02	0	0.03	0.25	1.91	3.27	4.21	0.03
1.2	0	0.03	0.3	0.84	3.43	4.79	0.24
1.7		0.03	0.32	0.57	2.67	4.92	0.16
2.59		0.04	0.53	1.89	3.15	4.17	0.11
1.68		0.06	0.3	0.77	3.71	4.99	0.09

1.45		0.04	0.24	1	3.09	4.69	0.06
1.05		0.06	0.12	0.5	3.48	4.45	0.12
1.28		0.05	0.17	0.91	3.46	4.96	0.04
1.98	0	0.03	0.24	1.84	3.29	4.19	0.03
1.98		0.03	0.32	1.76	2.81	4.73	0.06
2.46		0.04	0.48	2.27	2.85	4.24	0.08
2.8		0.04	0.61	1.94	2.96	4.07	0.11
2.59		0.04	0.53	1.88	3.03	4.34	0.1
1.74		0.03	0.2	1.44	2.97	4.95	0.05
1.28	0	0.04	0.19	0.54	3.65	4.13	0.15
1.33		0.04	0.19	0.42	3.06	4.81	0.16
1.07		0.06	0.13	0.48	3.73	4.56	0.12
1.94		0.02	0.17	0.8	3.32	5.37	0.04
0.75		0.07	0.07	0.27	4.32	3.9	0.11
1.4	0	0.06	0.3	0.85	3.47	4.44	0.08
2.58	0	0.06	0.7	1.95	3.04	4.02	0.14
1.29	0	0.03	0.34	1.02	3.27	5	0.21
1.25	0	0.03	0.34	0.85	3.23	4.98	0.23
1.68		0.03	0.32	0.55	2.91	4.89	0.16
2.55		0.05	0.49	1.8	3.17	3.84	0.1
2.97		0.05	0.61	2.14	3.3	3.76	0.12
2.84		0.04	0.59	1.99	3.21	4.01	0.13
1.82	0	0.05	0.37	18.13	1.92	1.72	0.06
2.87		0.04	0.98	2.76	3.15	3.78	0.08
4.35		0.07	2.36	3.93	3.06	3.02	0.14
3.24		0.06	1.45	2.88	2.96	3.93	0.14
0.75	0	0.04	0.08	0.14	3.31	4.3	0.06
2.11		0.03	0.43	0.98	2.89	4.98	0.12
2.24		0.05	0.4	1.5	3.19	4.5	0.1
4.1		0.05	1.2	2.05	2.25	3.41	0.13
2.91		0.05	0.92	2.49	3.63	3.4	0.11
2.05	0	0.04	0.51	1.09	2.9	4.96	0.15
2.03		0.03	0.42	1.01	2.95	5.03	0.12
0.97	0	0.02	0.22	0.29	3.5	4.89	0.19
2.11		0.02	0.49	1.08	3.21	5.03	0.12
2.02	0	0.04	0.37	1.88	2.77	4.56	0.06
1.56		0.03	0.24	0.4	2.79	4.67	0.14
1.29	0	0.03	0.35	1.01	3.36	4.79	0.21
1.74	0	0.04	0.5	1.49	3.51	4.19	0.15
4.26		0.09	1.58	4.06	4.72	2.49	0.24
1.96		0.04	0.41	1.02	3	5.07	0.12
1.52		0.05	0.28	1.11	3.13	4.57	0.07
1.89		0.02	0.32	1.44	2.96	4.83	0.06
1.8		0.03	0.28	1.38	2.77	5.09	0.05
1.16		0.04	0.18	0.94	3.4	5.67	0.04
2.16		0.05	0.55	1.02	3.08	4.47	0.25
1.6	0	0.04	0.37	0.73	2.98	5	0.19
1.58	0	0.04	0.36	0.73	2.8	5.04	0.19
5.15		0.08	2.82	4.48	2.99	2.85	0.16
1.71		0.04	0.55	2.01	2.76	3.68	0.12
1.62		0.04	0.39	1.18	3.19	4.61	0.15
1.46	0	0.04	0.21	0.46	3.39	4.98	0.17
4.16		0.06	1.48	2.02	2.96	3.62	0.15
1.9	0	0.03	0.51	1.02	2.94	5.07	0.17
2.09		0.04	0.39	1.13	3.26	5.17	0.07
9.25	0	0.14	8.56	7.65	1.75	0.86	0.19

6.51	0	0.09	8.29	6.78	1.45	1.13	0.09
7.09		0.11	3.77	5.85	2.6	2.37	0.21
5.54	0	0.09	6.64	6.04	2.16	1.58	0.06
9.69	0	0.15	10.54	8.46	2.14	0.51	0.08
0.89		0.04	0.14	0.83	3.07	4.94	0.05
0.8	0	0.02	0.09	0.19	3.12	4.94	0.15
0.86		0.05	0.11	0.39	4.01	4.02	0.37
4.67	0	0.06	2.15	4.77	2.82	2.75	0.08
8.66		0.13	5	9.8	2.69	0.76	0.11
2.83		0.04	0.45	1.63	3.65	4.1	0.1
0.82	0	0.03	0.08	0.51	3.86	4.58	-0.01
1.91		0.03	0.33	2.28	2.72	4.41	0.06
0.8		0.08	0.07	0.15	4.07	4.16	0.07
1.73		0.05	0.37	0.68	2.87	4.8	0.16
0.85		0.04	0.05	0.3	4.17	4.5	0.35
0.78	2.2	0.05	0.63	2.19	3.24	3.78	0.13
0.43	0.56	0.03	0.09	0.34	3.56	4.53	0.19
0.35	1.7	0.05	0.49	1.51	2.77	4.82	0.09
0.41	0.96	0.04	0.36	1	2.85	4.92	0.15
0.18	0.93	0.04	0.14	0.86	3.67	4.79	0.03
0.32	1.74	0.04	0.78	2.57	2.57	2.94	0.14
0.24	0.84	0.06	0.16	0.79	3.63	4.46	0.06
0.46	0.83	0.03	0.12	0.71	3.07	4.85	0.01
0.25	0.57	0.02	0.03	0.68	3.2	5.7	0.01
0.37	0.82	0.01	0.04	0.64	3	4.7	-0.01
0.75	0.17	-0.01	-0.03	0.64	2.86	5.05	-0.01
0.48	0.51	0.01	-0.03	0.55	3.37	4.96	-0.01
0.45	0.79	-0.01	-0.03	0.64	3.11	4.89	-0.01
0.56	1.11	0.03	0.33	1.45	3.11	4.61	0.04
0.57	0.57	0.02	-0.03	0.68	3.67	4.57	-0.01
0.37	0.88	0.01	0.06	0.63	3.09	4.95	0.01
0.01	1.05	0.03	-0.03	0.63	3.52	4.71	-0.01
0.26	0.88	0.01	0.07	0.73	3.13	4.83	0.01
0.38	0.89	0.02	0.06	0.67	3.05	4.84	0.01
0.36	0.87	0.02	0.08	0.63	2.91	4.89	0.01
0.21	1.05	0.01	0.08	0.71	3.01	4.9	0.02
0.28	0.75	0.03	-0.03	0.65	3.37	4.78	-0.01
0.19	0.62	0.02	-0.03	0.58	3.35	5.06	-0.01
0.78	0.41	0.02	-0.03	0.65	3.46	4.76	-0.01
0.97	0.14	0.02	-0.03	0.7	3.31	4.85	-0.01
1.2	0.2	0.04	-0.03	0.58	2.89	4.89	-0.01
0.54	0.79	0.02	-0.03	0.66	3.12	4.75	-0.01
0.43	1.17	0.03	0.32	1.31	3.07	4.82	0.04
0.27	0.94	0.02	0.04	0.61	2.97	4.93	0.01
0.58	0.6	-0.01	-0.03	0.63	3.51	4.84	-0.01
0.46	0.73	0.02	0.04	0.67	2.91	4.83	-0.01
0.28	0.9	0.01	-0.03	0.6	3.26	4.87	-0.01
0.74	0.4	0.02	-0.03	0.61	3.51	4.83	-0.01
0.08	1.13	0.03	-0.03	0.65	3.48	4.37	-0.01
0.35	0.87	0.01	-0.03	0.62	3.18	4.97	-0.01
0.22	0.99	0.03	-0.03	0.68	2.9	5.06	-0.01
0.49	0.93	0.01	0.04	0.56	2.9	4.88	-0.01
0.32	0.9	0.01	0.04	0.69	3.18	4.96	-0.01
0.22	0.71	0.02	-0.03	0.75	3.6	4.81	-0.01
0.45	0.9	0.02	0.05	0.63	2.94	4.86	0.01
0.35	0.96	0.01	-0.03	0.64	3.52	4.61	-0.01

0.62	0.59	0.01	-0.03	0.66	3.15	4.79	-0.01
0.5	0.79	0.02	0.06	0.56	2.91	4.76	0.01
0.13	1	0.01	0.04	0.71	3.03	4.86	-0.01
0.37	0.14	-0.01	-0.03	0.68	3.38	4.76	-0.01
0.55	0.86	0.04	0.04	0.76	2.91	4.51	0.01
1.02	0.18	0.03	-0.03	0.59	3.18	4.74	-0.01
0.44	0.65	0.01	0.08	0.62	3.66	4.72	-0.01
0.31	0.99	0.01	0.07	0.65	2.96	4.75	0.01
0.6	0.7	0.04	0.9	0.1	4.1	4.6	0.03
0.6	0.7	0.04	0.1	0.9	4.1	4.6	0.03
1.9	2.5	0.11	0.9	2.4	5.7	3.1	0.21
2.8	3.3	0.13	1.6	3.4	5.2	2.6	0.37
1.1	2.9	0.07	3.4	1.7	2.8	3.9	0.09
1.1	2.9	0.07	1.7	3.4	2.8	3.9	0.09
0.9	0.9	0.04	0.3	1.4	4.3	3.5	0.03
1	1.2	0.06	0.3	1.6	4.8	2.2	0.03
1.3	0.5	0.04	0.1	0.5	3.3	4.9	0.01
0.5	1	0.06	0.2	0.5	4.3	4.7	0.01
0.5	1	0.04	-0.1	0.8	3.8	4.4	0.02
0.9	1.6	0.05	0.6	3.2	4.2	2.7	0.06
0.6	0.9	0.05	0.2	1	4	4.2	0.02
1.8	2.7	0.09	0.5	2.1	4.6	3.8	0.1
0.4	0.9	0.05	0.1	0.5	3.7	4.6	0.01
2.9	3.9	0.12	2.6	5.5	3.8	1.8	0.25
1.4	2.4	0.08	0.4	1.6	3.9	4.6	0.06
2.2	3.9	0.12	1	3.2	3.9	3.4	0.28
0.6	1.1	0.02	0.2	0.5	3.5	5	0.01
0.6	1.2	0.04	-0.1	0.8	3.9	4.9	0.02
0.6	1.2	0.03	0.2	1.1	2.4	4.9	0.03
0.6	1	0.04	-0.1	0.8	3.9	4.9	0.02
1.9	2.1	0.08	0.5	1.9	3.7	4.2	0.16
0.6	1.2	0.05	-0.1	0.7	3.6	5	0.01
1.4	3.3	0.1	0.8	2.8	3.2	3.8	0.15
0.5	1.2	0.04	0.2	0.6	3.8	4.9	0.01
1.4	1.3	0.05	0.4	1.9	3.4	3.8	0.05
0.7	0.7	0.03	0.2	0.5	2.8	5.6	0.01
0.3	1.5	0.05	-0.1	0.7	3.8	5	0.02
0.5	0.3	0.01	-0.1	0.3	3.2	4.7	0.01
0.5	1.9	0.04	0.2	1.3	3.8	4.24	0.06
0.7	2	0.04	0.2	1.2	3.9	3.94	0.04
1	0.8	0.02	0.3	1.2	3.5	4.64	0.04
0.5	1.8	0.04	0.2	1	3.7	3.2	0.02
0.7	0.7	0.04	-0.1	0.3	4.2	4.58	-0.02
0.6	0.3	0.02	-0.1	0.3	4	4.52	-0.02
1.5	1.9	0.12	1	2.6	4.1	3.58	0.18
0.6	0.4	0.04	-0.1	0.4	4	4.46	-0.02
0.9	0.2	-0.02	0.1	0.4	4.16	4.52	-0.02
0.4	1.2	0.02	0.3	1.2	3	5.16	0.04
0.6	1	0.04	0.3	1.3	3	4.88	0.04
0.4	0.5	-0.02	0.2	0.8	2.9	5.14	0.02
0.9	0.2	-0.02	-0.1	0.2	4	4.48	-0.02
0.4	2.5	0.06	0.3	1.9	3.6	3.22	0.06
0.1	1.4	0.24	0.2	2.7	0.48	4.9	-0.02
1.2	0.5	0.04	0.3	1	4.2	4	0.06
0.8	0.6	0.02	-0.1	0.5	4.2	4.5	-0.02
0.6	0.6	-0.02	-0.1	0.4	4.1	4.44	-0.02

1.1	2.2	0.08	1	3	4.3	2.76	0.1
0.8	1.1	0.06	0.4	1.6	4.1	3.94	0.06
0.4	1.1	0.02	0.1	1.2	3.3	4.62	0.02
1.4	1.8	0.06	1.2	3.1	3.5	2.96	0.1
1.2	1.3	0.06	1.1	2.8	3.4	3.46	0.08
1.7	2.6	0.08	2	4.2	3.2	3.02	0.12
0.7	1.1	0.04	0.5	1.8	3.5	3.98	0.06
0.4	0.7	0.02	0.3	1.9	3.7	3.6	0.02
0.9	1.5	0.06	0.8	2.4	3.6	3.46	0.08
1.7	2.7	0.08	2	4.2	3.3	3.02	0.12
0.9	1.5	0.06	0.8	2.4	3.7	3.58	0.06
1.1	0.6	0.06	0.4	0.9	4.8	3.82	0.06
0.9	0.5	0.08	0.3	0.5	4.4	4.06	0.04
0.3	0.9	-0.02	0.1	0.9	3.1	4.98	-0.02
0.1	1.7	0.02	0.8	2.6	3.1	3.8	0.06
0.7	7.7	0.16	8	10.6	2.2	0.78	0.14
0.2	0.5	0.04	-0.1	0.6	3.9	4.56	-0.02
0.3	1.6	0.04	0.3	1.8	3.4	3.64	0.04
0.6	0.9	0.04	0.2	1	3.3	4.76	0.02
1.8	2	0.08	1.1	3.9	3.7	2.26	0.12
3.8	7.9	0.2	7.6	11.1	1.9	0.14	0.36
0.9	0.3	-0.02	-0.1	0.2	3.4	4.86	-0.02
0.4	7.3	0.19	2.5	8.2	2.5	1.49	0.05
0.4	2.1	0.04	0.5	1.3	2.9	4.7	0.05
0.3	1.4	0.03	0.3	1.4	3.2	4.3	0.01
0.6	2.1	0.07	0.5	2.9	3.7	2.5	0.1
0.3	2	0.05	0.7	2.4	3.1	3.8	0.07
0.2	0.8	0.02	0.1	0.7	3.1	5	-0.01
0.4	1	0.04	0.2	1.2	3.2	4.9	0.01
0.5	1.3	0.04	0.5	2	3.4	3.7	0.03
0.8	2.2	0.08	0.7	2.6	3.7	3.2	0.06
0.3	2.4	0.07	0.5	3.2	4	1.7	0.1
1.1	2	0.07	1	2.9	3.5	3.3	0.09
1.1	2.5	0.06	1.2	3.5	3.4	3.1	0.06
1.7	2	0.06	1.2	3.5	3.4	2.7	0.07
0.4	1.2	0.03	0.1	0.9	3.2	5.1	0.02
0.3	1.3	0.02	0.1	0.8	3.1	4.6	0.02
1.2	2.6	0.06	1.1	0.9	1.7	3.5	0.06
-0.1	0.2	-0.01	0.1	1	4.6	3.6	-0.01
0.2	0.7	0.01	-0.2	1	3.6	4.6	-0.01
0.4	1.7	0.03	0.5	1.2	2.8	4.4	0.06
0.2	2	0.04	0.3	1.1	3	5	0.08
0.3	1.8	0.04	0.3	1.3	2.8	4.6	0.08
0.4	0.6	0.12	0.1	0.5	3.7	4.5	-0.01
0.2	1.9	0.04	0.4	1.1	3.1	4.9	0.09
0.3	1.7	0.03	0.3	1.2	2.7	5.1	0.04
0.3	1.8	0.03	0.2	1.2	2.9	5.1	0.04
0.7	0.9	0.05	0.3	1.1	3.3	4.5	0.02
0.7	2.5	0.05	0.7	2.3	3.7	3.5	0.07
1.1	2	0.06	1.2	2.8	3.9	3.5	0.12
1.3	1.7	0.05	1	2.8	3.8	3.4	0.12
1.3	3.2	0.07	1.1	3.3	3.9	3.3	0.11
1.2	3.2	0.07	1.2	3.3	3.7	3.2	0.11
0.8	2.4	0.06	0.6	2.4	3.7	3.6	0.07
1	1.9	0.05	1.1	2.7	3.6	3.7	0.16
1.96	3.02	0.11	1.4	5.52	3.2	2.16	0.11

0.79	1.27	0.09	0.54	2.75	3.48	3.64	0.07
1.17	0	0.06	0.05	0.51	3.12	5.14	0.03
3.52	0	0.05	0.07	0.65	0.15	1.94	0.04
2.06	0	0.04	0.04	0.61	2.81	3.72	0.04
1.1	0	0.03	0.07	0.72	3.44	4.86	0.03
2.73		0.04	0.4	2.26	2.84	4.04	0.06
2.76		0.03	0.31	1.54	2.71	5.14	0.06
2.77		0.04	0.4	2.09	2.78	4.39	0.05
1.95		0.03	0.22	1.33	3.14	4.37	0.05
1.29	0	0.04	0.05	0.55	2.88	5.11	0.02
2.12	0	0.08	0.09	0.6	2.63	3.32	0.02
1.06	0	0.04	0.05	0.57	2.63	5.67	0.02
1.29	0	0.06	0.05	0.47	2.26	5.72	0.02
1.24	0	0.04	0.08	0.74	3.42	4.82	0.01
1.97	0	0.08	0.05	0.51	2.47	4.88	0.02
2.16	0	0.1	0.06	0.57	2.49	4.69	0.02
5.61	0	0.09	0.09	0.18	0.15	3.34	0.03
3.95	0	0.08	0.1	0.4	0.11	3.26	0.02
1.23	0	0.06	0.05	0.59	2.58	5.63	0.02
1.34	0	0.04	0.05	0.53	3.17	5.09	0.02
0.93	0	0.03	0.1	0.62	3.71	4.92	0.03
0.98	0	0.01	0.06	0.6	3.39	4.91	0.02
2.43		0.04	0.31	1.59	2.72	5.25	0.04
1.64	0	0.02	0.28	1.14	2.71	5.62	0.05
1.78		0.02	0.4	1.75	3.12	4.37	0.04
0		0	0.27	0.05	0.14	3.65	0.05
0.27		0	0.27	0.05	0.15	3.75	0.03
1.76	0	0.08	0.06	0.51	2.4	5.16	0.02
1.77	0	0.07	0.06	0.6	2.54	5.14	0.04
1.62	0	0.08	0.14	0.72	2.81	5.72	0.04
1.04	0	0.04	0.05	0.54	2.88	4.4	0.03
1.44	0	0.07	0.05	0.59	2.47	5.83	0.03
0.98	0	0.03	0.08	0.69	3.64	4.78	0.03
0.93	0	0.03	0.07	0.62	3.12	5.3	0.03
0.79	0	0.01	0.03	0.25	3.79	4.62	0.02
1.76		0.02	0.35	1.73	3.19	4.58	0.05
5.78		0.1	2.94	5.58	2.77	2.85	0.1
1.2	0	0.07	0.06	0.56	2.85	5.55	0.02
3.44	0	0.17	0.19	0.7	2.49	5.32	0.03
1.44	0	0.07	0.07	0.54	2.47	5.18	0.02
1.35	0	0.07	0.06	0.54	2.4	5.49	0.02
0.52	0	0	0.04	0.3	3.79	4.71	0.01
1.3	0	0.07	0.05	0.52	3.49	4.66	0.02
0.42		0.01	0.41	0.03	0.19	4.6	0.07
0.46		0	0.44	0.04	0.17	4.48	0.04
4.06		0.06	0.41	2.49	3.75	3.53	0.09
5.07		0.05	0.4	2.07	2.97	3.35	0.08
6.86		0.14	2.59	6.15	2.93	2.33	0.14
7.05		0.14	2.74	6.02	2.98	2.16	0.13
6.92		0.14	2.74	6.45	3.01	2.09	0.14
7.14		0.13	2.91	6.75	3.06	1.92	0.14
7.35		0.15	2.95	6.85	3.05	1.88	0.14
0.3	1.4	0.05	0.3	18	1.8	1.69	0.08
1.39	4.8	0.1	1.38	4.7	3.8	2.1	0.25
2.9	5.65	0.13	5.5	9.6	3.1	0.58	0.18
0.7	1.82	0.03	0.26	1.44	3.8	3.3	0.04

0.6	1.4	0.04	0.3	1.5	4.1	4.7	0.07
0.9	0.3	-0.01	0.3	-0.1	0.2	3.33	0.02
0.9	2.3	0.06	0.4	1.8	2.9	4.5	0.1
1.2	3.7	0.1	1	2	3.1	4.2	0.16
0.8	1.7	0.04	0.2	1.2	2.8	5	0.06
0.9	4	0.09	1	2.3	2.7	4.1	0.17
0.9	3.7	0.06	0.8	2.5	2.4	4.2	0.16
0.2	1.9	0.05	0.2	1	2.4	5.2	0.05
0.8	2.2	0.05	0.4	1.7	3.1	4.1	0.08
0.7	2.1	0.05	0.3	1.6	3.2	4.7	0.09
0		0.24	10.06	7.29	1.93	0.51	0.37
3.01		0.08	0.85	1.73	2.35	4.55	0.18
2.41		0.03	0.46	1.1	2.9	4.36	0.14
1.3		0.04	0.18	1.08	3.15	4.91	0.01
2.46		0.04	0.59	1.3	2.64	4.3	0.14
1.34		0.06	0.23	0.4	3.22	4.73	0.18
12.91		0.15	1.46	1.97	0.2	2.3	0.12
3.69		0.08	0.94	1.89	2.87	4.01	0.15
6.63		0.07	2.52	1.36	0.19	1.87	0.2
1.64		0.03	0.42	0.99	2.67	4.81	0.09
1.38		0.02	0.3	0.97	2.54	4.94	0.04
1.36		0.03	0.42	0.58	3.28	4.85	0.24
0.97		0.05	0.2	0.41	3.66	4.12	0.13
4.42	0	0.04	1.57	3.92	3.04	2.31	0.15
3.87	0	0.07	0.98	2.24	2.78	4.1	0.19
2.51	0	0.03	0.8	1.6	2.58	5.7	0.09
3.44	0	0.06	1.21	4.65	2.99	2.72	0.1
4.86	0	0.08	2.13	4.3	2.47	3.12	0.14
2.65	0	0.07	1.55	2.72	2.94	5.28	0.32
7.55	0	0.13	4.18	6.97	1.92	2.8	0.23
0.82	3.17	0.08	2.04	4.52	2.45	3.15	0.09
0.91	2.79	0.06	1.24	3.67	2.74	3.67	0.16
0.81	5.05	0.1	3.3	6.01	2.18	3.14	0.17
0.25	1.2	0.03	0.73	1.78	3.7	3.64	0.1
0.19	0.65	0.05	0.05	0.44	3.84	4.47	0
0.59	3.02	0.06	1.12	3.46	3.4	3.39	0.15
1.53	6.36	0.13	7.58	8.83	2.71	0.61	0.19
0.88	1.52	0.05	0.42	1.94	3.62	6.4	0.1
1.08	2.54	0.06	1.22	3.23	2.99	4.16	0.18
-2.47	3.17	0.01	0.16	1.08	2.88	5.07	0.02
0.18	0.41	0.02	0.04	1	4	3.84	0
1.15	3.27	0.07	1.43	3.67	2.78	3.84	0.2
0.42	1.35	0.03	0.32	1.28	2.47	5.64	0.05
0.66	0.98	0.04	0.42	1.49	3.1	4.77	0.06
0.96	2.24	0.06	1.66	4.23	3.28	2.41	0.17
0.41	1.02	0.04	0.27	1.13	2.89	4.46	0.17
0.45	1.48	0.04	0.43	1.49	2.87	3.42	0.14
1.48	12.56	0.22	7.57	10.55	0.85	0.71	0.14
0.74	10.98	0.17	7.27	11.42	1.93	0.21	0.12
0.65	3.06	0.03	1.18	3.34	3.39	2.5	0.19
0.63	2.07	0.04	0.7	2.02	2.56	4.89	0.17
0.4	1.66	0.02	0.54	2.04	3.27	3.23	0.08
1.08	5.84	0.11	3.88	6.56	2.12	3.02	0.21
0.84	3.58	0.05	1.12	2.7	2.5	4.86	0.23
0.36	1.09	0.03	0.28	0.96	2.56	5.86	0.12
0.39	1.85	0.04	0.73	2.95	3.66	2.23	0.04

0.56	2.3	0.05	0.61	1.74	3.01	4.65	0.18
0.43	1.4	0.02	0.46	2.3	4.52	2.7	0.1
1.43	5.45	0.11	3.82	6.84	3.16	1.59	0.2
2.01	3.49	0.11	0.45	2.87	4.12	2.94	0.12
0.23	0.73	0.03	0.18	1.23	3.66	3.95	0.11
0.51	2.87	0.06	1.34	3.53	2.9	3.21	0.1
0.8	0.2	0	0.51	0.07	0.07	3.64	0.09
0.56	2.02	0.04	1.05	2.33	3.58	3.31	0.11
0.76	3.24	0.07	1.81	3.95	2.85	3.3	0.09
0.52	0.11	0.01	0.19	0.68	3.22	4.34	0
0.21	0	0	0.48	0	0.08	3.18	0
0.18	0	0.01	0.09	0.48	3.19	5.19	0.01
0.21	0.14		0.2	0.01	0.11	3.56	0.01
0.12			0.1	0.02	0.42	9	0.04
0.74	0.23	0.01	0.47	0.01	0.16	5.51	0.1
0.56	0.28		0.34	0.02	0.08	3.81	0.01
0.41	1.21	0.03	0.41	0.99	2.79	4.64	0.15
1.12	0.18		0.5		0.52	5.9	0.12
1.73	0.29		0.36	0.02	0.1	4.23	0.02
0.48	0.21	0.01	0.31	0.05	2.7	4.34	0.13
1.73	1.48	0.11	1.63	3.31	0.17	4.47	0.26
0.48	0.15	0.01	0.22		0.11	3.67	0.01
0.61	0	0.01	0.21		0.09	3.37	0.01
0.74					0.02	0.15	0.03
0.74					0.02	0.15	0.03
0.52	3.2	0.04	1.2	3.59	3.02	2.87	0.17
0.5	0.89	0.02	0.27	0.71	2.57	4.77	0.12
0.41	1.37	0.01	0.38	1.01	2.22	4.84	0.08
0.26	0.89	0.03	0.17	0.69	3.04	4.4	0.15
0.56	3.97	0.07	2.5	5.46	3.04	1.86	0.12
0.45	3.68	0.07	2.32	4.79	3.07	2.31	0.12
0.3	1.15	0.04	0.35	1.49	3.11	4.57	0.09
0.77	3.52	0.07	2.33	5.09	3.13	2.12	0.11
0.29	1.56	0.04	0.58	2.43	3.13	4.12	0.06
0.55	2.41	0.06	1.53	2.84	4.86	2.13	0.14
0.53	2.41	0.06	1.08	2.98	2.7	4.07	0.09
0.4	1.64	0.04	0.69	2.4	2.9	4.28	0.07
0.3	2.26	0.04	2.32	3.42	4.74	1.81	0.1
0.39	1.73	0.04	0.71	2.2	2.68	4.48	0.09
0.37	1.93	0.05	0.82	2.76	3.02	4	0.07
0.29	1.11	0.02	0.32	0.97	2.99	5.16	0.14
0.57	2.76	0.05	1.23	3.53	3.14	3.49	0.12
0.39	2.88	0.04	1.05	3.36	2.86	3.27	0.13
0.37	0.61	0.05	0.17	0.76	3.81	3.76	0.16
0.23	0.9	0.03	0.27	1.21	3.41	3.91	0.12
0.41	3.29	0.06	1.48	3.68	2.7	3.73	0.12
0.35	1.56	0.05	0.49	1.99	3.05	4.64	0.09
0.16	0.92	0.02	0.39	1.82	3.29	3.78	0.08
0.72	0.42	0.02	0.3	1.45	3.14	4.12	0.1
0.5	2.2	0.06	0.52	1.7	3	4.99	0.1
0.67	1.43	0.03	0.48	1.03	2.91	4.65	0.14
0.43	1.12	0.02	0.36	1.1	3.15	4.67	0.14
0.59	4.03	0.07	2.07	4.19	3	2.98	0.15
0.32	1.22	0.03	0.4	1.3	3.72	3.68	0.13
0.51	2.86	0.07	1.09	3.18	3.3	2.78	0.17
2.87	3.19	0.02	0.44	0.02	0.31	3.37	0.05

0.54	0.29	0.01	0.17	0.59	3.33	4.05	0.12
0.23	2.21	0.04	0.74	2.05	3.02	4.02	0.18
0.31	2.8	0.05	1.11	3.01	3.44	2.67	0.27
0.2	0.93	0.02	0.38	1.66	2.89	4.71	0.07
0.38	1.6	0.03	0.61	1.59	2.96	5.23	0.21
0.28	1.18	0.03	0.39	1.13	2.72	5.3	0.18
0.2	0.6	0.07	0.2	1.13	3.19	5	0.06
0.3	1.02	0.02	0.45	2.04	3.54	3.18	0.13
0.21	0.63	0.06	0.15	0.81	3.73	4.71	0.07
0.51	1.24	0.04	0.39	1.08	3.24	3.99	0.13
0.27	0.98	0.08	0.26	1.66	3.63	3.47	0.07
0.57	3.28	0.01	1.29	3.5	3.38	2.52	0.19
0.17	0.5	0.02	0.15	0.92	3.71	4.08	0.05
0.78	2.74	0.07	1.69	3.83	2.63	3.86	0.09
0.51	2.37	0.06	1.11	3.42	2.71	3.97	0.09
0.38	1.21	0.02	0.47	1.63	2.7	4.64	0.18
0.78	4.9	0.06	2.16	5.01	2.07	2.52	0.14
0.93	3.19	0.06	2.6	5.05	3.27	2.07	0.18
0.53	2.33	0.04	1.24	3.75	2.73	3.19	0.09
0.71	3.61	0.05	1.77	4.66	3.28	2.2	0.15
0.8	2.14	0.04	0.72	1.49	2.85	4.74	0.16
0.84	2.81	0.07	1.23	4.61	2.88	1.95	0.21
0.16	0.47	0.01	0.24	0.86	3.19	5.25	0.06
0.32	1.11	0.02	0.42	1.87	3.5	2.98	0.09
0.84	3.46	0.07	3.55	5.91	3.06	1.64	0.09
1.28	3.22	0.07	2.95	4.47	3.14	2.65	0.15
0.88	4.07	0.08	4.1	6.08	2.93	1.73	0.09
1.09	2.02	0.04	1.63	4.43	3.57	2.11	0.1
0.35	1.27	0.03	0.61	2.37	3.4	3.74	0.09
1	2.48	0.06	1.54	4.08	3.23	2.68	0.11
0.23	0.8	0.02	0.25	0.88	3.11	5.66	0.14
0.4	2.99	0.07	1.18	4.53	3.12	1.93	0.16
1.22	1.86	0.06	1.79	4.18	3.57	2.45	0.09
1.06	1.73	0.05	1.59	3.93	3.61	2.42	0.09
0.67	2.74	0.07	1.14	4.24	3.08	1.93	0.16
1.3	2.7	0.04	1.2	3.2	3.4	2.76	0.18
1	6.3	0.14	5.8	7.7	3.1	1.68	0.14
0.84	2.45	0.05	1.05	3.31	2.83	3.3	0.15
0.71	3.28	0.07	1.48	3.72	2.7	2.78	0.13
0.05	0.79	0.08	0.03	0.53	3.99	4.08	0.04
0.74	3.6	0.04	1.82	4.71	3.17	2.04	0.15
0.37	1.07	0.02	0.27	0.86	2.72	5.75	0.13
0.89	2.71	0.04	1.21	3.22	3.21	2.82	0.16
0.37	0.88	0.02	0.22	0.85	3.31	4.44	0.16
0.31	1.03	0.03	0.5	1.56	4.58	1.97	0.09
0.49	2.08	0.04	0.99	2.61	3.64	3.48	0.12
0.2	0.75	0.06	0.2	1.45	4.41	3.03	0.1
0.35	2.49	0.03	0.75	2	2.41	5.09	0.15
0.44	3.62	0.05	2.18	4.37	3.03	2.1	0.12
0.45	1.18	0.04	0.42	1.54	3.29	4.88	0.06
0.7	2.31	0.06	1.61	3.78	3.22	2.93	0.14
0.8	4.7	0.1	4.2	6.2	3.1	1.76	0.1
0.6	2.8	0.06	1.1	2.4	3.5	2.36	0.16
1	3.6	0.07	1.3	2.3	2.7	3.62	0.05
0.2	1	0.02	0.3	2.1	2.1	3.72	0.02
0.6	3.1	0.08	1.6	3.9	3	3.34	0.09

0.1	1.1	0.04	0.3	1.3	3.2	3.82	0.08	
-0.1	1.1	0.02	0.4	0.2	0.3	3.32	0.06	
-0.1	1.1	0.02	0.3	1.1	3.2	3.78	0.08	
-0.1	1.2	0.04	0.3	1.4	3	3.98	0.14	
0.3	2.2	0.04	0.9	3.1	3.3	3.16	0.1	
-0.1	1	0.04	0.3	1.4	2.6	4.02	0.06	
-0.1	1.2	0.04	0.4	1.4	3	3.7	0.06	
2.1	3.2	0.12	3.2	5.6	3.5	1.98	0.1	
0.1	1.2	-0.02	0.4	1.4	3.2	3.6	0.06	
1.1	7.7	0.16	6.7	12.7	1.3	0.3	0.06	
1.2	4.6	0.06	1.6	4.1	2.9	2.9	0.3	
1.1	3	0.04	1.2	3.7	3	3.12	0.16	
4.15	0	0.06	0.63	1.96	2.62	5.1	0.13	
3.63	0	0.04	1.15	1.7	0.12	10.9	0.18	
3.41	0	0.02	0.58	0.31	0.2	7.48	0.12	
16.1	0	0.2	5	8.05	3.58	1.78	0.51	
15	0	4.7	8.05	3.32	1.87	0.47	6.9	
12.9	0	0.14	18.7	10.3	0.5	0.21	0.19	
12.2	0	0.13	19	8.9	0.55	0.27	0.17	
16.7	0	0.43	0.96	1.73	2.6	1.96	1.26	
0.63	0	0.22	1.37	2.36	2.8	2.25	1.63	
2.5	0	0.06	1.08	1.68	4.54	4.54	0.14	
2.49	0	0.1	0.96	2.66	4.47	3.87	0.16	
2.25	0	0.07	0.79	1.44	3.76	3.74	0.15	
2.6	0	0.1	1.83	0.13	0.25	6.02	0.23	
2.33	0	0.06	0.61	1.73	3.63	4.56	0.16	
1.1		0.09	3.72	11.6	0.22	5.12	0.62	
1.28	0	0.1	2.5	3.73	1.09	4	0.12	
0.68	0	0.06	1.27	1.35	2.83	4.35	0.1	
8.02	0	0.09	4.46	13.29	0.17	4.07	0.45	
1.39	0	0.04	0.61	3.63	0.28	5.36	0.11	
10.26	0	0.02	2.44	4.99	4.37	3.12	0.76	
3.79	0	0.07	3.13	23.74	0.15	4.22	0.74	
12.46	0	0.15	8.55	7.75	0.58	3.49	0.46	
12.46	0	0.15	8.55	7.75	0.58	3.49	0.46	
12.17	0	0.19	6.24	10.15	3.39	0.4	0.34	
4.91	0	0.11	2.06	38.64	0.07	1.52	0.21	
11.1	NA	0.17	2.35	3.97	3.77	2.19	0.83	99.6
13.9	NA	0.12	8	6.79	3.63	0.1	0.13	100.6
10.2	NA	0.12	6.19	5.65	4.2	0.65	0.18	99.2
4.39	7	0.28	7.05	10.33	2.28	0.33	0.12	100.2
1.21	9.21	0.21	8.36	7.06	2.64	0.08	0.15	100.1
11.8	NA	0.17	8.5	9.33	2.71	0.21	0.32	99.7
13.4	NA	0.2	6.7	8.18	2.95	0.81	0.12	99.7
13.9	NA	0.22	7.69	9.67	0.75	1.44	0.07	99.5
2.7	8.11	0.19	7.84	10.99	2.66	0.34	0.1	100.2
3.08	8.36	0.2	7.32	10.76	2.24	0.24	0.14	100.1
3.39	10.13	0.3	6.95	8.52	3.46	0.41	0.19	100.3
3.38	6.44	0.16	6.52	11.92	2.61	0.09	0.14	100.3
3.83	5.75	0.19	10.22	11.28	1.46	0.05	0.12	100
2.43	8.4	0.24	6.86	10.19	2.74	0.66	0.19	99.9
3.86	7.57	0.19	5.78	9.06	3.91	0.15	0.18	99.7
2.64	7.68	0.18	6.21	9.23	3.56	1.31	0.22	100.3
0.95	6.09	0.13	5.97	11.29	3.39	0.18	0.08	100
2.9	7.16	0.18	7.44	11.27	2.75	0.1	0.14	100.4
1.91	7.72	0.16	7.99	10.26	3.63	0.02	0.14	99.9

2.12	7.42	0.17	7.85	10.74	3.34	0.02	0.14	100.2
3.54	7.59	0.17	1.5	6.28	2.45	2.01	0.69	99.9
3.4	5.95	0.17	6.92	5.83	3.13	2.22	0.34	100
2.32	7.33	0.16	8.04	11.16	2.91	0.04	0.13	100.1
0.86	8.64	0.2	8.32	5.52	4.77	0.06	0.16	99.8
11.2	NA	0.35	6.43	13.4	2.05	0.44	0.16	100.1
10.7	NA	0.15	9.22	10.5	2.2	0.83	0.14	100.3
11.8		0.19	8.4	7.95	3.08	0.75	0.17	
12.1		0.18	7.9	7.6	3.28	1.5	0.19	
12.1		0.18	3.98	4.98	4.14	2.16	0.53	
15.1		0.19	5.55	5.25	4.6	0.49	0.35	
8.24		0.12	4.95	8.25	3.19	0.85	0.17	
7.94		0.12	5.02	8.11	3.14	0.83	0.15	
0.7	1.4	0.08	0.3	1.7	3.95	2.92	0.04	

L_O_I_	Li	Be	B	P	Cl	K	Sc	Ti
0	0			5585.617	0	22248.049	0	15706.492
0	0			2967.3591	0	1328.2417	0	15107.008
0	0			2312.7946	0	11041.009	0	10790.72
0	0			3840.1117	0	13697.493	0	27576.284
0	0			4625.5891	0	21417.898	0	17624.843
0	0			4363.7633	0	10044.828	0	15107.008
0.81	0				0		4	
0.59	0				0		2	
8.56	0				0		0	
2.96	0				0		0	
3.55	0				0		0	
0	0				0		0	
0	0				0		0	
1.81	0				0		18	
0.82	28				0		12	
0.78	0				0		10	
1.75	24				0		32	
1.41	17				0		32	
1.45	20				0		26	
1.76	26				0		26	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0	0				0		0	
0.9	0				325		15	
0.5	0				585		17	
1.02	0				0		0	
5.49	0				745		42	
15.63	0				140		9	
7.09	0				-1		40	
13.3	0				-1		38	
9.16	0				295		42	
6	0				-1		30	
13.71	0				-1		42	

2.24	0	-1	46
4.45	0	-5	36
9.79	0	-5	45
2.31	0	-1	49
3.93	0	16	4
3.51	0	-1	40
1.27	0	290	39
2.63	0	135	14
2.7	0	15	14
0.65	0	0	14
4.85	0	40	18
3.25	0	10	14
11.17	0	-5	46
3.18	0	-5	12
3.44	0	-5	16
9.42	0	10	44
3.29	0	5	16
2.96	0	10	12
2.58	0	5	12
4.78	0	-5	18
2.51	0	-5	10
32.06	8	0	6
0.59	0	610	18
0.78	0	150	12
0.73	0	470	22
0.51	0	0	4
0.51	0	0	32
1.68	0	0	34
1.7	0	0	34
1.44	0	0	32
1.99	0	0	44
1.5	0	0	20
1.86	0	0	52
0.55	0	0	8
3.54	0	-5	26
2.13	0	60	32
4.1	0	10	42
1.57	0	25	24
0.98	0	5	32
0.58	0	5	8
1.93	0	5	50
1.11	0	-5	8
1.19	0	15	40
1.14	0	10	2
1.88	0	195	46
0.63	0	94	3
1.11	0	65	10
1.01	0	160	34
2.28	0	65	12
2.54	0	220	12
2.02	0	35	30
1.92	0	25	10
2.63	0	40	22
1.25	0	40	10
2	0	20	4
0.39	0	35	4

0.92	0		40		4	
2.01	0	1090.9408	0	5229.9519	36	13908.039
9.71	0	436.37633	0	664.12087	31.7	7013.968
3.46	0	741.83976	0	996.18131	46	8452.7307
3.18	0	436.37633	0	1079.1964	43	6834.1227
27.59	0	698.20213	0	249.04533	12	3716.8035
9.7	0	698.20213	0	6724.2238	36	7673.4009
13.26	0	349.10106	0	1743.3173	30	6354.5351
13.17	0	436.37633	0	1909.3475	34	6174.6898
13.25	0	480.01396	0	10293.873	31.9	4795.8755
1.75	0	392.7387	0	1162.2115	28	6234.6382
5.45	0	698.20213	0	1162.2115	42	7793.2978
1.59	0	480.01396	0	332.06044	35	6774.1742
18.49	0	829.11503	0	21168.853	58	8872.3698
9.67	0	1527.3172	0	1245.2266	29.2	6954.0195
13.46	0	436.37633	0	5063.9216	30	5275.4631
12.42	0	392.7387	0	5229.9519	50	6474.432
7.62	0	654.5645	0	3486.6346	26	6174.6898
11.11	0	436.37633	0	1245.2266	35.6	5814.9991
12.74	0	392.7387	0	13863.523	28.8	4256.3395
0.81	0		175		18	
0.62	0		270		14	
0.57	0		555		21	
0.76	21		0		10	
0.45	0		0		6	
0.64	0		0		16	
0.51	0		0		12	
0.46	0		0		24	
0.59	0		0		12	
0.57	30		0		12	
0.63	0		0		6	
0.6	0		135		12	
0.62	22		0		10	
0.42	0		0		14	
0.69	0		0		8	
0.63	0		0		10	
0.66	0		0		22	
0.62	0		0		22	
0.84	0		0		22	
0.82	0		0		14	
1.09	0		0		18	
0.79	0		0		14	
0.92	0		0		24	
0.87	0		0		16	
0.72	0		0		4	
0.82	0		60		6	
0.76	0		0		8	
0.69	0		110		8	
0.75	0		0		12	
0.45	0		0		10	
0.88	0		0		4	
0.84	0		0		8	
0.8	0		0		12	
0.68	0		0		8	
0.95	0		0		10	
0.53	0		0		2	

0.75	0	0	12			
0.52	0	0	14			
0.65	0	0	14			
0.56	0	0	12			
0.65	0	0	14			
0.75	0	0	12			
1.02	0	0	16			
0.45	0	0	16			
0.51	0	0	12			
0.49	0	0	4			
0.69	0	0	22			
0.51	0	0	14			
0.6	0	0	12			
0.91	0	0	10			
0.69	0	0	14			
0.71	0	0	16			
0.4	0	20	-2			
0.72	0	135	12			
0.69	0	40	8			
0.82	0	60	10			
1.13	0	65	10			
0.82	0	160	12			
0.75	0	0	6			
1.88	0	0	0			
2.42	0	0	14			
1.22	0	0	10			
0.68	0	0	12			
0.66	0	0	11			
0.82	0	0	0			
0.72	0	0	12			
0.54	0	0	14			
0.95	0	0	0			
0.92	0	0	0			
1.52	0	0	22			
1.54	0	0	0			
0.83	0	0	14			
0.56	0	0	14			
0.77	0	0	10			
0.47	0	0	10			
1.8	12	110	24			
1.24	9	130	26			
1.43	4	65	34			
0.66	2	-5	26			
0.36	14	5	46			
4.52	40	0	46			
0.45	0	0	2			
0.83	0	0	4			
0.7	0	0	10			
0.65	0	0	4			
0.58	0	1483.6795	0	1079.1964	0	8812.4213
1.9	0	1440.0419	0	1660.3022	0	7913.1947
1.02	0	1483.6795	0	1245.2266	0	8992.2667
0.7	0	1614.5924	0	1162.2115	0	9052.2151
0.63	0	2094.6064	0	1328.2417	0	15466.699
0.64	0	1570.9548	0	1162.2115	0	8512.6791
2.56	0	1570.9548	0	1494.272	0	9052.2151

2.78	0		829.11503	0	10957.994	0	8572.6275
2.28	0		785.4774	0	10957.994	0	7973.1431
2.12	0		87.275266	0	498.09065	0	1558.6596
1.19	0		436.37633	0	10210.858	0	7793.2978
0.54	0		829.11503	0	3735.6799	0	10131.287
0.45	0		829.11503	0	4150.7554	0	9891.4933
0.89	0		872.75266	0	3735.6799	0	10371.081
0	0		3491.0106	0	22414.079	0	5575.2053
0	0		2705.5333	0	24489.457	0	4795.8755
0	0		4058.2999	0	25734.684	0	4675.9787
0	0		0	0	7886.4353	0	10191.236
0	0		1396.4043	0	28225.137	0	20981.956
0	0		4581.9515	0	20753.777	0	9232.0604
6.5	0		2007.3311	0	18429.354	0	18104.43
4.82	0		3752.8364	0	25568.653	0	23859.481
10.9	0		1701.8677	0	33372.074	0	23979.378
8.65	0		1658.2301	0	14444.629	0	17145.255
2.54	0		2356.4322	0	1411.2568	0	9591.7511
8.65	0		1483.6795	0	3071.559	0	16425.874
4.98	0		1265.4914	0	7969.4504	0	14507.524
0.58	14			0		5	
0.61	0			0		0	
0.82	18	3		399		5	
0	10			0		0	
1.12	0			110		16	
0.3	0			17		6	
0.45	0			160		8	
0.85	0			52		5	
0.41	0			87		2	
0.34	0			80		4	
0.88	0			32		9	
2.23	0			23		5	
1.11	0			20		4	
0.7	0			100		2	
1.02	0			585		24	
1.14	0			56		31	
0.47	0			230		9	
1.55	12			0		31	
0.4	0			0		0	
0.35	0			0		0	
1.49	16			0		24	
1.52	15			0		31	
1.15	14			0		18	
0.52	8			0		2	
5.21	0			0		11	
1.13	0			0		6	
0.18	0			0		0	
0.76	0			0		0	
2.32	0			0		0	
0.7	0			0		0	
3.08	0			0		0	
1.31	0			0		0	
1.8	0			0		0	
0.75	0			0		0	
0.72	0			0		0	
0.86	0			0		0	

0.54	0	0	0
0.79	0	0	0
1.88	7	0	26
0	20	0	0
3.34	0	0	0
4.39	0	0	0
1.75	0	0	0
1.17	0	0	0
5.21	0	0	0
0.98	0	0	0
0.72	0	0	0
0.94	0	0	0
5.74	0	0	0
4.27	0	0	0
3.02	0	0	0
1.66	0	0	0
9.31	0	0	0
3.09	0	0	0
0.66	0	150	5
12.22	0	0	0
5	0	0	0
3.48	0	0	0
0.72	0	0	6
0	0	40	5
0	0	95	3
0	0	430	8
0	0	810	13
0	0	105	6
0	0	35	3
0	0	150	10
0	0	75	3
0	0	200	5
0.51	0	200	5
0	0	330	10
0	0	140	6
0	0	210	5
0	0	15	2
0	0	190	7
0	0	240	8
0	0	80	6
0	0	95	6
0	0	55	6
0	0	630	15
0	0	130	7
0	0	25	4
0	0	220	11
0	0	30	2
0	30	0	0
0	16	0	0
0	49	0	0
0	35	0	0
0	9	0	0
0	52	0	0
0	40	0	8
0	37	0	9
0	28	0	10

2.4	54		0	11
0.8	19		0	5
0.67	21		0	4
0.69	24		0	8
0.82	17		0	5
1.12	8		0	3
1.35	11		0	6
1.08	4		0	7
1.61	9		0	5
0.99	57		0	5
1.37	21		0	20
1.05	20		0	22
0.74	27		0	3
0.76	26		0	5
0.96	56		0	8
1.85	12		0	9
0.63	13		0	2
3.81	3		0	16
6.37	6		0	22
1.38	10.91	0.57		11.44
4.44	29.92	0.75		21.09
4.01	10.1	1.26		11.58
2.51	3.68	0.79		17.34
0	0		0	5
4.68	5.99	1.2		9.96
5.26	9.15	0.53		44.3
1.68	6.59	0.43		6.57
3.33	13	0.36		27.36
1.1	5.61	0.31		6.1
1.17	7.21	0.26		8.07
1.51	1.14	0.67		6.21
3.41	13.95	0.97		28.06
3.86	6.7	0.87		9.2
12.7	21.44	0.4		43.16
9.76	11.88	0.57		44.13
5.11	24.99	1.26		20.6
3.74	9.06	1.06		24.56
8.13	8.52	0.84		18.54
4.3	16.39	0.73		20.36
3.29	5.36	0.86		9.74
2.85	7.48	0.82		34.83
3.22	7.22	1.14		24.89
6.99	7.1	0.49		28.35
3.8				26.6
1.89				11.1
2.24				11.3
7.28				31.5
3.81				25.8
6.33				25.4
5.38				33.8
5.76				21.81
8.47				24.05
4.25				26.07
4.87				27.19
4.99				24.5
14.5				63.9

6.12			20.4
6.84			23.82
16.5			28.69
6.34			21.57
4.9			18.54
5.5			21.57
3.22			12.44
4.89			20.99
3.98			14.29
5.17			23.3
8.96			39.26
0.42	10	0	4
0.58	15	0	4
0.5	10	0	4
0.5	-5	0	4
1.63	10	0	8
0.41	10	0	-2
0.31	5	0	8
3.92	0	0	4
0.47	0	0	4
2.04	50	0	8
0.78	15	0	4
0.38	20	0	4
0.37	20	0	8
0.61	15	0	6
0.98	5	0	2
1.3	10	0	6
1.1	-5	0	6
1.67	5	0	6
0.74	50	0	4
0.91	20	0	18
0.56	15	0	20
0.56	25	0	2
0.43	20	0	4
0.37	50	0	6
1.48	0	0	4
0.54	0	0	4
0.53	0	0	2
0.35	0	0	8
0.44	0	0	8
0.45	0	0	4
0.48	0	0	10
0.3	0	0	4
0.25	0	0	4
0.29	0	0	6
0.32	0	0	4
0.39	0	0	2
0.34	0	0	4
0.51	0	190	2
0.31	0	20	2
0.51	0	45	4
0.43	0	60	4
0.46	0	40	4
0.85	0	100	6
0.69	0	410	12
0.54	0	80	10

0.6	0		100	6			
0.63	0		200	12			
0.69	0		490	6			
0.59	0		465	16			
0.65	0		55	4			
0.76	0		70	4			
0.45	0		130	8			
0.34	0		15	4			
0.35	0		25	2			
1.07	0		5	8			
0.36	0		45	2			
0.41	0		55	2			
0.36	0		100	2			
0.24	0		50	2			
4.09	0		0	0			
0	0		0	0			
4.12	0		0	0			
0	0		0	0			
0	0		0	0			
2.69	0		0	0			
0	0		0	0			
0	0		0	0			
0	0		0	0			
0	0		25	7			
6.35	17.97	1.02		26.05			
2.05	5.04	0.75		5.21			
4.52	8.33	0.49		46.4			
0.78	2.02	0.36		8.8			
1.72	5.53	1.02		6.98			
9.83	17.85	0.63		18.6			
4.48	7.06	0.41		7.42			
0.73	59		0	7			
0.84	18	6	0	3			
0.84	18		0	3			
1.15	17	7	0	5			
0.99	0		0	2			
0	0		0	0			
1.67	0		35	8			
0.75	0		20	2			
0.81	0		40	2			
0.71	0		20	2			
1.33	0		90	10			
0.65	0		160	6			
0.65	0		160	6			
1.98	0		0	4			
1.12	0		0	2			
2.08	0		0	6			
0	0		0	0			
3.16	0		741.83976	0	10293.873	0	6354.5351
1.46	0		480.01396	0	16769.052	0	2937.4738
1	0		174.55053	0	31628.756	0	2158.144
3.75	0		654.5645	0	9048.6469	0	6054.7929
0.69	0		218.18817	0	830.15109	0	1798.4533
3.76	0		916.39029	0	1079.1964	0	7613.4524
1.4	0		43.637633	0	27228.956	0	599.48444
3.46	0		2487.3451	0	42088.66	0	8692.5244

4.25	0		1396.4043	0	498.09065	0	11749.895
4.53	0		523.6516	0	10791.964	0	4556.0818
2.97	0		480.01396	0	7056.2842	0	5814.9991
4.14	0		785.4774	0	10542.919	0	4376.2364
4.99	0		829.11503	0	913.1662	0	9112.1635
3.01	0		1221.8537	0	17516.188	0	6534.3804
3.5	0		1003.6656	0	16686.037	0	5814.9991
2.54	0		305.46343	0	23908.351	0	1978.2987
2.33	0		1003.6656	0	11871.161	0	4256.3395
0.98	0		436.37633	0	6641.2087	0	2218.0924
1.06	0		305.46343	0	830.15109	0	2158.144
1.45	0		218.18817	0	10542.919	0	719.38133
1.59	0		43.637633	0	3071.559	0	1139.0204
0.97	0		43.637633	0	31628.756	0	959.17511
0.75	0		43.637633	0	24323.427	0	719.38133
0	0			0		0	
0	0			0		0	
0	0			0		0	
0.72	0			0		4	
1.26	0			0		0	
0.97	29	3		85		10	
1.12	24	2		128		14	
0.58	33	2		75		3	
1.56	16	2		235		24	
0	-10			0		0	
0.61	-10			0		0	
0.41	-10			0		0	
0.45	-10			0		0	
0.43	-10			0		0	
1.08	-10			0		0	
2.48	10			0		0	
0.57	-10			0		0	
1.8	-10			0		0	
1.8	-10			0		0	
0.89	-10			0		0	
1.05	-10			0		0	
0.49	-10			0		0	
0.51	-10			0		0	
2.61	-10			0		0	
1.14	10			0		0	
1.14	10			0		0	
0.52	10			0		0	
1.31	-10			0		0	
0.87	-10			0		0	
0.51	10			0		0	
1.44	-10			0		0	
1.25	0			0		0	
1.15	0			0		0	
0.93	0			0		0	
1.1	0			0		0	
1.21	0			0		0	
1.93	0			0		0	
0.56	0			0		0	
0.82	0			0		0	
1.1	0			0		0	
0.64	0			0		0	

0.88	0	0	0
1.03	0	0	0
0.67	0	0	0
1.67	0	0	0
0.28	0	0	0
0.43	0	0	0
0.66	0	0	0
0.83	0	0	0
0	20	0	0
0	10	0	0
0	20	0	0
0	20	0	0
0	30	0	0
0	30	0	0
0	10	0	0
0	10	0	0
0	40	0	0
0	30	0	0
0	10	0	0
0	-10	0	0
0	20	0	0
1.29	0	0	0
-0.04	0	0	0
0	40	0	0
0.9	0	71	5
0.35	0	105	17
1.76	0	135	39
1.04	0	260	23
0.8	0	240	90
0.62	0	170	13
1.33	0	45	7
0.86	0	470	41
0.66	0	170	10
0.65	0	560	24
0.41	0	180	18
1.25	0	175	35
0.7	0	60	8
0.89	0	145	10
1.16	0	470	37
1.2	0	30	45
1.05	0	85	47
0.65	0	40	44
1.32	0	225	28
0.88	0	230	95
1.56	0	70	9
1.44	0	32	6
1.11	0	30	32
2.38	0	45	26
0.27	0	100	3
0.44	0	62	3
1.45	0	56	6
0.45	0	75	5
0.43	0	155	3
0.93	0	185	15
0.17	0	175	42
0.86	0	150	12

0.33	0			24		4	
0.93	0			225		16	
0.55	0			53		6	
0.44	0			74		4	
0.56	0			130		11	
1.1	0			87		12	
0.82	0			250		12	
0.86	0			175		13	
1.01	0			55		7	
1.11	0			410		27	
0.53	0			155		24	
0.95	0			875		31	
0.68	0			84		11	
0.31	0			69		2	
0.61	0			91		7	
0.84	0			190		14	
0.76	0			84		8	
0.7	0			350		18	
0.51	0			175		12	
0.91	0			480		22	
0.72	0			92		6	
0.75	0			0		5	
5.23	0			66		27	
0.79	0			63		6	
1	0			155		9	
0.71	0			0		23	
0.98	0			0		16	
0.47	0			0		6	
0	0			0		4	
0	0			0		8	
0	0			0		12	
0	0			30		3	
0	0			210		4	
0	0			260		9	
0	0			225		8	
0.94	5.34	0.7	305.46343	0	4648.8461	36.58	6594.3289
1.87	43.06	1.07	1570.9548	0	12867.342	31.54	7493.5555
6.02	0.42	0.19	523.6516	0	2988.5439	21.91	2877.5253
0.76	5.11	0.65	872.75266	0	7803.4202	31.8	3596.9067
0	13			0		0	
0	10			0		0	
0	6			0		0	
0	0			0		26	
0	4			0		35	
0	6			0		16	
0	16			0		15	
0	8			0		17	
0	9			0		42	
0	11			0		28	
0	14			0		24	
0	5			0		27	
0	5			0		19	
0	10			0		24	
0	14			0		17	
0	15			0		22	
0	10			0		23	

0	10	0	22
0	8	0	18
0	3	0	7
0	17	0	6
0	11	0	18
0	31	0	10
0.99	37	0	6
0.71	50	0	5
0.9	35	0	9
1.1	19	0	-3
0.84	34	0	5
1.25	13	0	8
1.64	16	0	15
1	9	0	13
1.31	7	0	21
0.77	6	0	4
0.99	10	0	18
1.11	17	0	32
0.99	7	0	13
1.51	17	0	19
0.73	11	0	7
0.94	11	0	9
0.85	6	0	13
0.93	12	0	14
1.38	17	0	12
6.91	11	0	19
1.56	11	0	26
1.71	4	0	54
1.65	10	0	25
1.9	11	0	10
0.47	7	0	45
1.31	16	0	21
0.78	11	0	38
1.14	16	0	26
1.21	16	0	24
0.41	4	69	-3
0.81	14	0	6
1.81	4	0	54
4.51	12	0	7
1.31	19	0	14
0.13	5	293	55
2.09	0	0	40
0.8	0	0	6
2.62	0	0	61
0.89	0	0	75
0.54	0	0	3
0.79	0	0	4
0.53	0	0	-3
0.55	0	0	4
1.8	8	360	31
1.08	4	143	38
0.91	0	0	6
0.66	0	0	3
0.51	0	0	5
0.46	0	0	-3
0.6	0	0	6

0.48	0	0	6
1.81	0	0	0
2.3	7	0	34
1.63	5	0	48
2	5	0	52
0.91	9	0	10
1	4	0	13
2.02	4	0	52
2.53	10	0	36
1.35	12	0	17
1.46	11	0	26
1.57	12	0	27
1.15	14	0	14
4.84	15	0	22
1.92	5	0	2
0.99	10	0	19
1.41	11	0	25
1.75	10	0	20
1.22	14	0	19
1.11	15	0	16
1.51	9	0	32
1.28	10	0	28
1.04	13	0	21
1.05	13	0	19
1.28	12	0	27
1.09	13	0	23
1.15	14	0	20
1.26	12	0	26
1.33	14	0	26
1.31	11	0	19
1.43	13	0	32
0.86	14	0	18
0.59	0	0	14
1.3	13	0	17
1.29	11	0	21
1.22	19	0	13
1.43	16	0	23
1.26	14	0	25
1.87	65	0	15
1.18	28	0	8
0.97	30	0	11
1.13	29	0	11
1.74	57	0	18
0.48	21	0	4
2.11	10	0	22
1.37	0	0	20
0.66	0	0	4
2.02	0	0	63
1.21	0	0	57
0.6	31	0	4
1.79	16	0	14
0.74	14	0	9
0.9	16	0	4
0.84	6	0	4
1.13	23	0	4
0.69	23	0	5

0.59	9		0	6			
0.48	9		0	2			
0.86	29		0	5			
1.01	32		0	4			
0.78	37		0	5			
0.65	21		0	3			
0.78	41		0	4			
0.78	32		0	3			
0.84	39		0	5			
0.77	32		0	3			
0.58	31		0	2			
0.8	35		0	4			
1.13	43		0	3			
0.74	37		0	3			
0.93	33		0	4			
0.81	34		0	5			
0.75	34		0	4			
0.98	34		0	5			
0.86	28		0	5			
0.9	37		0	4			
0.8	16		0	4			
0.8	16		0	4			
0.69	13		0	4			
0.79	13		0	6			
0.89	18		0	5			
0.66	5		0	3			
1	5		0	3			
0.8	5		0	4			
0.89	6		0	5			
0.74	11		0	5			
0.83	14		0	8			
0.48	14		0	4			
0.72	14		0	6			
0.82	12		0	6			
0.94	6		0	9			
1.25	9		0	7			
0	0		0	0			
0.82	0		0	11			
1.1	0		87	12			
2.51	39		0	25			
0.62	6		0	7			
1.04	41		0	6			
0.53	25		0	3			
2.21	0		1701.8677	0	43914.993	0	5215.5147
1.29	0		872.75266	0	84758.426	0	4436.1849
1.42	50.72	3.65	1221.8537	0	42254.69	14.86	5575.2053
2.88	0		218.18817	0	47401.627	0	5455.3084
2.3	47.04	1.67	480.01396	0	45741.325	19.86	6174.6898
1.72	0		785.4774	0	12037.191	0	6654.2773
2.3	2.93	0.53	130.9129	0	28806.243	5.94	659.43289
2.03	0			0		0	
4.04	0			0		0	
0.37	0			130		10	
0.69	0			115		0	
0.53	0			105		2	
0.64	0			45		4	

0.67	0	85	2
0.06	0	25	2
0.8	0	60	4
0.98	0	30	4
1.05	0	65	-2
0.86	0	25	2
0	0	0	2.59
0	0	0	0
0.9	0	15	-2
0	0	0	0
0.72	0	55	6
0	0	0	5.68
0	0	0	0
0.88	0	225	20
0.76	0	10	2
0	0	0	0
0.84	0	55	6
0.7	0	30	4
0	0	0	0
0	0	0	0
0.78	0	40	6
0.87	0	95	12
0.89	0	25	6
0.73	0	70	6
0	0	0	0
0.35	0	35	8
0	0	0	0
0.94	0	140	12
0.77	0	35	6
0	0	0	0
1.04	0	120	8
0.72	0	65	12
1.1	0	25	4
0	0	0	3.43
0	0	0	0
0.67	0	35	4
0	0	0	4.15
0	0	0	0
2.07	0	30	4
0.74	0	25	2
0	0	0	0
0	0	0	0
0.94	0	220	8
0	0	0	7.56
0	0	0	0
0.69	0	45	2
0.77	0	55	2
1.09	0	45	12
0	0	0	0
0.65	0	15	4
0	0	0	4.51
0.78	0	55	4
0	0	0	0
0.77	0	110	4
0.69	0	75	2
0	0	0	2.63

0.83	0		25	2
0	0		0	0
0.85	0		40	6
0.95	0		125	4
0.76	0		0	0
0.4	10		0	8
0.44	0		0	2
1.23	11		0	18
1.49	9		223	17
1.49	9		223	17
1.47	10		207	16
0.54	16		83	5
2.93	16	1	114	38
0.9	-10		0	0
1.18	10		0	0
1.04	10		0	0
1	0		0	0
0.83	10		0	0
1.42	0		0	0
1.39	10		0	0
1.07	10		0	0
1.29	30		0	0
0.95	10		0	0
0.92	0		0	0
0.68	-10		0	0
0.87	10		0	0
0.97	-10		0	0
0.72	20		0	0
1.27	-10		0	0
1.24	10		0	0
1.18	-10		0	0
0.95	10		0	0
1.09	-10		0	0
0.83	-10		0	0
0.96	-10		0	0
1.06	-10		0	0
0.82	10		0	0
0.67	-10		0	0
0.71	-10		0	0
0.72	0		0	0
1	0		0	0
0.82	0		0	0
0.76	0		0	0
1.17	0		0	0
1.22	0		0	0
0.93	0		0	0
0.83	0		370	15
0.28	0		59	2
0.39	0		60	3
1.22	0		35	4
0	0		0	4.17
0	0		0	0
0.88	0		20	2
0.76	0		30	-2
0	0		0	2.01
0	0		0	0

1.21	0	215	34
0	0	0	0
1.16	0	95	36
0.39	0	155	40
3.24	0	195	20
0	0	0	0
1.02	0	25	10
0	0	0	10
0	0	0	0
0.85	0	25	2
1.05	0	40	6
1.35	0	80	8
0	0	0	0
0.72	0	5	-2
0	0	0	0
0.99	0	20	6
0	0	0	0
0.65	0	-5	-2
0.78	0	30	4
0.91	0	25	4
0	0	0	4.56
0	0	0	0
0.8	0	25	-2
0	0	0	0
0.76	0	40	4
0.85	0	-5	2
0	0	0	2.01
0	0	0	0
1.06	0	15	4
1.09	0	30	4
0	0	0	0
0.86	0	10	-2
0	0	0	0
0.94	0	90	4
1.74	0	35	-2
1.13	0	155	-2
1.1	0	15	6
1	0	15	4
0	0	0	0
0.93	0	20	2
0.79	0	10	6
0.82	0	10	4
0	0	0	0
0.16	0	100	4
0	0	0	0
0.48	0	45	-2
0	0	0	0
0.65	0	45	6
0.8	0	35	4
0	0	0	0
0.53	0	75	-2
0.76	0	45	4
0	0	0	4.01
0	0	0	0
0.63	0	45	6
0.69	0	15	4

0	0	0	0
0.79	0	85	4
0	0	0	0
0.74	0	50	-2
0.77	0	75	4
0	0	0	5.32
0	0	0	0
0.82	0	80	4
0	0	0	0
1.13	0	170	10
0	0	0	0
1.13	0	170	12
0	0	0	12.9
0	0	0	0
0.79	0	70	-2
0	0	0	2.19
0	0	0	0
0.9	0	20	4
1.14	0	40	6
0	0	0	4.58
0.7	0	75	4
0.87	0	110	10
0.89	0	40	2
0.68	0	55	2
0	0	0	0
0.9	0	45	4
0.74	0	35	4
0	0	0	4.09
0	0	0	0
0.82	0	95	4
0.73	0	110	-2
1.96	0	30	4
0.71	0	30	4
0.8	0	45	8
0	0	0	8.56
0	0	0	4.65
0.7	0	40	14
0	0	0	0
0.8	0	20	42
0.93	0	15	6
0.98	0	-5	2
1.48	0	-5	6
2.03	0	20	20
1.26	0	15	6
0.78	5	0	40
0.84	3	0	48
0.9	8	0	24
0.57	6	0	40
1.45	11	0	44
2.19	17	0	42
0.97	7	0	44
1.12	9	0	38
1.69	17	0	38
1.73	6	0	42
2.74	29	0	8
1.58	4	0	6

1.42	6	0	4
0.95	15	0	26
0.91	9	0	30
1.95	25	0	74
1.19	12	0	50
1.39	9	0	30
0.62	7	0	32
0.33	7	0	32
0.67	7	0	20
1.26	9	0	-2
0.83	0	0	8
2.94	0	0	20
3.06	0	0	14
4.37	0	0	16
1.3	0	0	6
3.95	0	0	14
4.93	0	0	26
1.16	0	0	8
1.65	0	0	10
0.79	0	0	8
0.69	0	0	6
1.31	0	0	8
1.49	0	0	4
1.53	0	0	8
0.79	0	0	8
0.68	0	0	10
1.38	0	0	16
0.58	0	0	42
1.83	0	0	40
1.07	0	0	34
1	0	0	14
1.76	0	0	38
1.03	0	0	44
0.81	0	0	44
0.68	0	0	2
0.47	0	0	10
1.18	0	0	10
1.1	0	0	8
0.9	0	0	10
1.83	0	0	44
0	50	0	0
0.39	2	0	2
0.22	1	0	14
0.54	13	0	30
0.46	1	0	4
1.33	7	0	54
0.74	6	0	2
1.13	1	0	10
3.87	1	0	6
5.15	1	0	10
2.26	1	0	10
1.84	15	0	36
3.5	10	0	8
0.91	8	0	6
0.6	8	0	12
0.73	7	0	4


0.95	3	0	24
0.72	1	0	-2
1.87	10	0	40
1	1	0	42
0.61	0	76	25
0.32	0	0	0
1.17	0	0	4
0.79	0	0	4
1.42	0	0	9.27
1.01	0	0	4
0.5	0	0	6
0.47	0	0	6
0.51	0	0	4
0.6	0	0	0
0.77	0	0	8
0.56	0	0	0
2.3	0	0	60
0.65	0	0	0
1.09	0	0	6
0.84	0	0	60
0.63	0	0	12
0.15	0	0	4
0.64	0	0	4
0.89	0	0	6
0.7	0	0	0
3.51	0	0	16
0.67	0	0	2
0.58	0	0	4
0.68	0	0	8
1.51	0	0	16
0.69	0	0	3.97
0.37	0	0	2
0.47	0	0	6
0.68	0	0	-2
0.69	0	0	3.65
0.66	0	0	8
0.52	0	0	4.08
0.87	0	0	5.46
0.68	0	0	4
0.53	0	0	4.43
0.84	0	0	4
0.92	0	0	4
0.85	0	0	6
0.63	0	0	4
2.72	0	0	4
0.61	0	0	4
0.3	0	0	-2
0.6	0	0	7.05
0.39	0	0	-2
0.37	0	0	4
0.65	0	0	6
0.44	0	0	4.31
0.74	0	0	2.89
0.55	0	0	4
0.69	0	0	6.21
0.62	0	0	3.72

0.41	0	0	2
0.38	0	0	6
1.14	0	0	6
0.12	0	0	4
0.11	0	0	4
0.73	0	0	4
1.09	0	0	10
0.39	0	0	-2
0.71	0	0	2
1.82	0	0	40
0.46	2	0	38
0.39	0	0	8
0.59	0	0	2.09
0.58	0	0	2
0.56	0	0	6
0.6	0	0	2.68
0.63	0	0	4
0.24	0	0	-2
0.88	0	0	13
0.65	0	0	3.69
0.33	0	0	7.52
0.38	0	0	7.52
0.55	0	0	12
0.56	0	0	5.83
0.83	0	0	4.34
0.42	0	0	8
0.45	0	0	6
0.63	0	0	4
0.11	0	0	-2
0.64	0	0	6
0.5	0	0	3.46
1.2	0	0	20.2
4.44	0	0	8
0.58	0	0	12
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1.27	0	0	20.4
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0.93	0	0	19.1
0.69	0	0	12
0.87	0	0	14
1.21	0	0	14
1.14	0	0	10
0.91	0	0	30
0.54	0	0	11.4
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0.7	0	0	4
0.69	0	0	3.99
1.72	0	0	22.6
1.82	0	0	18
1.09	0	0	12
0.57	0	0	3.38
0.56	0	0	4.1
0.43	0	0	5.08
0.49	0	0	4
0.4	0	0	2
0.75	0	90	48

1.28	0	65	19.2	
0.97	0	40	4	
0.55	0	45	5	
1.64	0	60	18	
1.87	0	100	20.6	
1.01	5	0	32	
1.49	3	0	36	
1.78	1	0	34	
2.02	8	0	8	
5.98	0	0	28	
0.91	0	0	-2	
2.29	0	0	22	
2.36	0	0	6	
0.38	0	0	5	
0.76	0	0	4	
1.41	0	0	3	
2.43	0	0	5	
0.26	0	0	7	
0.6	0	0	4	
0.3	0	0	4	
0	0	0	5	
2.03	0	0	20	
0.46	0	0	4	
1.19	0	0	6	
0.78	0	0	3	
0.87	0	0	5	
2.23	0	0	39	
2.12	0	0	14	
0.46	0	0	4	
0.81	0	0	3	
0.61	0	0	5	
0.48	0	0	3	
0.59	0	0	3	
4.41	0	0	12	
2.3	0	0	12	
1.82	0	0	10	
3.26	0	0	48	
0.54	0	0	0	
0.66	0	0	0	
0.48	0	0	0	
1.4	0	0	0	
1.28	0	0	0	
0.8	0	0	0	
0.75	0	0	0	
0.54	0	0	0	
0.46	0	0	0	
0.63	0	0	0	
0.72	0	0	0	
0.93	0	95	13	
0.35	0	11	0	
0.1	0	36	40	
0.26	0	420	47	
0.9	0	60	5	
4.53	0	698.20213	0	2407.4382
2.69	0	3098.2719	0	4565.831
7.86	0	2967.3591	0	24323.427
				32
				19
				25
				4616.0302
				9292.0089
				7973.1431

1.42	0	480.01396	0	14859.704	44	2577.7831
2.28	0	480.01396	0	1826.3324	43	4196.3911
7.82	0	1090.9408	0	20836.792	18	3896.6489
8.44	0	1396.4043	0	6143.118	0	12289.431
8.1	0	916.39029	0	5146.9367	39	10970.565
4.51	0	1003.6656	0	6060.1029	41	10850.668
4.13	0	741.83976	0	5063.9216	27	3596.9067
5.42	0	916.39029	0	11871.161	24	3836.7004
0.41	0	1047.3032	0	2739.4986	27	7193.8133
0.57	0	218.18817	0	19259.505	13	2457.8862
1.13	0	43.637633	0	1660.3022	8	959.17511
0.67	0	567.28923	0	6641.2087	0	3057.3707
0.75	0	43.637633	0	20504.732	0	959.17511
0.93	0	43.637633	0	49975.095	0	239.79378
1.02	0	174.55053	0	17433.173	7	1498.7111
0.51	0	0	0	41258.509	5	539.536
8						
10						
8						
1						
10						
10						
3.39						
4.95						
13.9						
11.7						
16.3						
6.93						
4.34						
3.23						
3.24						
3						
3.1						
5.26						
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7						
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1.42						
1.8						
11						
1.39						
0.89						
7						
0.52						
12						
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2						
8						
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0.59						

0.45
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1.07
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0.91
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0.44
1.69



1.19
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7.45
6.11
11.7
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19.4
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25.9
15.4
14.4
20.8
19.9
21

3.33						
1.88						
4.05						
5.52						
3.24						
5.86	0	654.5645	0	4814.8763	0	359.69067
5.02						
4.27						
4.17						
0	0	261.8258	0	28225.137	0	1678.5564
0	0	654.5645	0	53295.7	0	1498.7111
6.74	0	872.75266	0	0	32	4795.8755
8.1	0	916.39029	0	5146.9367	39	10970.565
3.35	0	1003.6656	0	1909.3475	25	4316.288
1.47	0	785.4774	0	5728.0425	39	5035.6693
1.58	0	218.18817	0	9878.7979	9	1738.5049
1.01	0	392.7387	0	996.18131	15	2278.0409
5.42	0	916.39029	0	11871.161	24	3836.7004
4.97	0	1440.0419	0	8384.526	34	12769.019
0.96	0	261.8258	0	1577.2871	9	1978.2987
1.18	0	305.46343	0	14527.644	14	2158.144
1.26	0	43.637633	0	747.13598	10	1378.8142
0.46	0	43.637633	0	56284.244	8	299.74222
4.51	0	1003.6656	0	6060.1029	41	10850.668
7.86	0	2967.3591	0	24323.427	25	7973.1431
0.64	0	87.275266	0	50556.201	0	239.79378
4.46						
14.65						
2.23						
2.4	0	1832.7806	0	11456.085	13	5874.9475
3.4	0	829.11503	0	2490.4533	41	8452.7307
2.95	0	2618.258	0	4897.8914	13	7193.8133
0.93	0	43.637633	0	49975.095	0	239.79378
2.26	0	829.11503	0	4482.8159	0	7193.8133
1.56	0	43.637633	0	3320.6044	10	1019.1236
1.12	0	349.10106	0	3071.559	43	4076.4942
0.81	0	1221.8537	0	2241.4079	35	10670.823
0.52	0	567.28923	0	6475.1785	14	3896.6489
0.51	0	43.637633	0	41258.509	5	539.536
1.23	0	43.637633	0	39598.207	4	599.48444
0.52	0	87.275266	0	0	7	659.43289
0.74	0	43.637633	0	6475.1785	0	359.69067
1.01	0	916.39029	0	2158.3928	0	8872.3698
0.77	0	87.275266	0	29885.439	0	599.48444
1.03	0	87.275266	0	44247.053	0	479.58755
2.65	0	87.275266	0	42171.675	0	479.58755
0.86	0	43.637633	0	44994.189	4	359.69067
1.42	0	480.01396	0	14859.704	44	2577.7831
2.79	0	43.637633	0	29636.394	0	539.536
2.67	0	43.637633	0	32541.923	0	599.48444
2.49	0	43.637633	0	18512.369	0	539.536
0.18	0	43.637633	0	29885.439	8	419.63911
2.56	0	43.637633	0	39266.146	0	539.536
7.6	0	43.637633	0	7554.3749	0	299.74222
4.23	0	87.275266	0	34451.27	0	719.38133
3.17	0	43.637633	0	20753.777	0	599.48444

7.22	0	87.275266	0	19923.626	0	599.48444
0.38	0	523.6516	0	18346.339	17	2997.4222
2.08	0	43.637633	0	28225.137	0	419.63911
0.62	0	218.18817	0	3237.5892	0	2158.144
0.47	0	261.8258	0	31711.772	0	1978.2987
3.54	0	43.637633	0	20172.671	0	479.58755
0.49	0	43.637633	0	15108.75	0	539.536
0.99	0	43.637633	0	32209.862	7	539.536
1.38	0	87.275266	0	23244.23	0	419.63911
1.71	0	87.275266	0	52797.609	0	599.48444
0.77	0	43.637633	0	31960.817	10	77932.978
2.12	0	218.18817	0	25402.623	0	419.63911
1.06	0	436.37633	0	9546.7375	51	4376.2364
0.44	0	523.6516	0	20089.656	15	2637.7316
0.76	0	87.275266	0	63091.483	0	479.58755
1.24	0	43.637633	0	52548.564	0	659.43289
0.48	0	130.9129	0	2407.4382	0	1079.072
1.75	0	87.275266	0	30549.56	0	419.63911
2.5	0	43.637633	0	36609.663	0	539.536
4.5	0	43.637633	0	17765.233	0	359.69067
5.33	0	43.637633	0	12535.281	0	299.74222
5.02	0	43.637633	0	13199.402	0	419.63911
4.07	0	43.637633	0	31130.666	0	479.58755
0.3	0	523.6516	0	22746.14	0	3177.2675
1.63	0	392.7387	0	12618.297	0	1738.5049
0.49	0	43.637633	0	48729.869	0	359.69067
4.73	0	87.275266	0	23410.261	0	419.63911
2.95	0	43.637633	0	20338.702	0	359.69067
4.11	0	43.637633	0	24157.397	0	599.48444
7.83	0	87.275266	0	7720.4051	0	599.48444
3.39	0	218.18817	0	30632.575	0	659.43289
0.03						
1.78						
1.44						
0.39	0	1527.3172	0	3486.6346	0	8512.6791
1.6	0	436.37633	0	6724.2238	12	3057.3707
5.4	0	567.28923	0	5562.0123	30	4616.0302
2.69	0	3098.2719	0	4565.831	19	9292.0089
3.33	0	2836.4462	0	10210.858	21	10850.668
0.9	0	43.637633	0	2739.4986	5	719.38133
2.79	0	3054.6343	0	913.1662	13	7433.6071
0.83	0	43.637633	0	43250.872	12	359.69067
8.67	0	1527.3172	0	17101.112	37	13848.091
1.25	0	2661.8956	0	40345.343	18	7253.7618
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0	12		0		0	
0	11		0		0	
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0	15	0	0
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0	29	0	0
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1.76	69	0	13
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4.19	0	0	7
1.12	0	0	12
1.1	0	0	3
3.85	0	0	8
1.14	0	0	11
2.75	0	0	5
2.68	0	0	4
1.41	0	0	6
11.33	0	0	18
0.95	0	0	20
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2.47	0	0	4
0	18	0	0
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2.05	10	0	0
1.07	6	0	0
1.94	0	0	0
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1.14	0	0	0
0.96	0	0	0
0.68	0	0	0
4.8	13	0	1
1.13	0	0	0
0.92	0	0	0
1.21	0	0	0
2.44	14	0	3
1.71	0	0	0
2.85	0	0	0
0.57	0	0	0
1.37	0	0	0
0	12	0	5
0	0	0	60
0	0	0	20
0	0	0	25
0	0	0	25
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
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0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.15	11	0	6
0	14	0	5
0	17	0	6
0	13	0	6
0	15	0	-3
0	12	0	-3
1.32	0	0	0
1.29	0	0	0
1.41	0	0	0
1.5	0	0	0
1.25	0	0	0
2.23	0	0	0
1.76	0	0	0
2.62	0	0	0
1.35	0	0	0
0.69	0	0	0
1.71	0	0	0
2.86	0	0	0
1.68	0	0	0
1.18	0	0	0
1.6	0	0	0
1.49	0	0	0
1.58	0	0	0
0.97	0	0	0
1.56	0	0	0
1.33	0	0	0
2.21	0	0	0

1.18	39	0	4
3.27	30	0	30
0.99	54	0	12
1.15	28	0	7
0.8	42	0	8
1.16	48	0	15
1.34	43	0	5
0.76	26	0	15
1.21	31	0	19
1.46	5	0	58
1.39	46	0	8
1.02	58	0	5
0.99	45	0	4
1.15	41	0	4
1.23	20	0	2
1.2	38	0	4
1.19	18	0	6
1.01	22	0	4
1.22	25	0	5
0.86	27	0	3
1.03	31	0	3
0.94	27	0	5
1.1	43	0	15
0.86	26	0	9
1.21	31	0	4
0.59	8	0	4
0.95	23	0	5
0.92	35	0	2
0.91	30	0	3
1.04	19	0	9
0.61	10	0	3
0.86	29	0	5
0.95	29	0	7
0.81	17	0	2
2	21	0	8
1.84	19	0	12
0.85	13	0	5
1.58	12	0	12
0.94	17	0	10
0.7	18	0	5
1.07	18	0	7
1.09	30	0	6
1.39	30	0	13
1.01	18	0	6
0.96	20	0	8
1.9	28	0	13
0.72	5	0	7
0.87	8	0	4
1.05	8	0	3
1.06	26	0	5
0.8	10	0	4
0.99	20	0	5
1.22	40	0	6
1.05	49	0	4
1	9	0	5
0.46	5	0	-1

0.57	3	0	1
0.7	7	0	5
0.84	5	0	5
2.24	26	0	13
1.25	17	0	2
0.9	12	0	7
0.51	5	0	6
2.43	30	0	21
1.41	21	0	7
1.6	14	0	16
0.96	16	0	18
1.72	14	0	12
1.24	15	0	14
1.04	13	0	1
0.53	10	0	-1
0.62	26	0	1
0.41	9	0	2
0.39	3	0	-1
0.92	16	0	12
0.95	15	0	2
0.58	3	0	-1
0.41	36	0	4
0.87	13	0	4
0.91	34	0	7
0.72	28	0	4
0.88	51	0	3
0.58	3	0	7
0.56	13	0	3
0.95	7	0	7
1.2	15	0	8
0.94	12	0	6
0.67	10	0	2
0.92	10	0	3
0.82	17	0	4
0.71	25	0	2
1.66	15	0	8
0.96	21	0	8
1.12	6	0	5
1.25	15	0	5
0.98	22	0	6
0.83	21	0	2
0.93	25	0	4
0.5	17	0	3
0.97	25	0	6
3.42	22	0	17
1.32	13	0	4
0.86	14	0	3
0.72	27	0	3
0.39	20	0	3
0.64	18	0	3
0.5	17	0	3
0.67	37	0	4
0.98	51	0	5
0.44	19	0	5
0.5	23	0	4
0.53	14	0	3

0.77	13	0	5
0.85	7	0	4
0.71	39	0	6
1	39	0	6
0.58	50	0	5
0.88	49	0	12
0.65	52	0	5
0.73	34	0	6
0.57	46	0	3
0.48	11	120	42
0	20	0	0
0	16	0	0
1.07	27	0	8
1.1	29	0	8
1.65	5	0	18
0.78	21	0	5
1.19	39	0	8
0.91	38	0	4
1.18	59	0	14
0.7	32	0	3
0.92	39	0	4
0.9	54	0	2
1.08	70	0	5
0.92	53	0	3
0.84	41	0	3
0.83	19	0	6
1.2	23	0	7
0.86	5	0	4
0.81	6	0	4
0.99	1	0	10
1.09	4	0	12
0.99	4	0	6
1.34	3	0	34
1.14	16	0	4
1.01	6	0	5
1.47	597	0	7
0.77	42	0	3
1.3	13	0	5
0.64	8	0	4
0.46	29	0	2
0.92	99	0	3
0.65	8	0	2
1.19	20	0	7
1.15	18	0	4
0.38	8	0	4
1.63	0	0	6
1.26	0	0	8
1.17	0	0	4
1.05	0	0	4
0.7	0	0	-2
0.88	0	0	2
0.78	0	0	4
0.89	0	0	4
0.97	0	0	4
0.96	0	0	6
0.89	0	0	4

1.02	0	0	4
0.92	0	0	-2
0.7	0	0	-2
0.91	0	0	4
0.89	0	0	-2
1.01	0	0	4
0.82	0	0	2
1	0	0	2
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0	0	0	4
0	0	0	5

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0.3	0	0	7
0.5	0	0	5
0.5	0	0	4
0.3	0	0	3
0.5	0	0	3
0.4	0	0	5
0.5	0	0	4
0.3	0	0	5
0.6	0	0	12
0.4	0	0	6
0.5	0	0	6
0.9	0	0	10
0.6	0	0	6
0.5	0	0	6
0.4	0	0	8
0.3	0	0	5
0.5	0	0	7
0.45	9	0	4
0.53	16	0	4
0.73	21	0	8
0.2	3	0	40
0.58	1	0	46
1.36	9	0	2
1.39	5	0	4
0.57	24	0	-2
0.8	0	0	3
0.4	0	0	7
1.1	0	0	7
0.9	0	0	6
0.8	0	0	4
1.1	0	0	4
0.5	0	0	2
1.2	0	0	3
0.73	12	0	4
0.5	16	0	4
0.82	15	0	4
0.82	19	0	4
1.14	21	0	4
0.75	17	0	4
1	17	0	2
1.35	13	0	6
0.76	16	0	6
0.65	4	0	4
0.71	4	0	4
0.81	9	0	-2
0	14	0	0
0	4	0	0
0	6	0	0
0	18	0	0
0.64	12	0	2
1.26	0	40	4
0.5	29	55	4
0.28	0	0	-2
1.1	0	0	4

1.17	0	0	6
1.05	0	0	6
4.23	6	50	2
0.63	0	0	12
0.2	0	0	6
0.32	10	370	6
0.33	0	0	2
0.86	0	0	2
0.52	0	0	2
0.69	0	0	2
0.78	0	0	2
0.81	0	0	4
0.8	0	0	4
0.77	0	0	4
0.62	0	0	4
0.55	0	0	4
1.31	0	0	6
0.61	21	0	6
0.74	36	0	4
0.6	0	315	24
1.5	0	330	40
1.33	0	130	48
1.25	0	115	38
1.32	0	65	36
1.65	0	385	16
0.76	0	0	4
0.47	0	0	4
0.47	0	5	10
0.33	0	20	10
0.42	15	0	4
0.42	25	0	4
0.44	0	0	6
0.53	0	0	12
0.37	0	0	2.8
0.38	0	0	2.29
0.53	0	0	2
0.58	0	0	6
0.62	0	0	3
0	10	0	-3
0	9	0	6
0	10	0	3
0	7	0	26
0	4	0	25
1.85	0	0	0
0.91	0	0	0
5.35	0	0	0
2.2	0	0	0
3.73	0	0	0
1.28	0	0	0
2.67	0	0	0
1.9	0	0	0
1.23	0	0	0
0.88	0	0	0
1.12	0	0	0
4.06	0	0	0
2.18	0	0	0

0.77	0	0	0
1.82	1	0	82
1.86	2	0	74
1.32	4	0	66
1.24	3	0	40
0.81	2	0	38
6.83	4	0	36
3.55	11	0	18
2.07	6	0	12
6.7	0	0	0
3.8	0	0	0
2.8	0	0	0
4.8	0	0	0
0.85	0	0	0
1.11	0	0	0
1.36	0	0	0
3.1	0	0	0
0.2	0	0	0
0.4	0	0	0
0.7	0	0	0
0.2	0	0	0
0.84	0	0	0
0.2	0	0	0
1.14	0	0	0
0.2	0	0	0
0.5	0	0	0
0	10	0	0
0	7	0	0
0	1	0	0
0	6	0	0
0	7	0	0
0	8	0	0
0	4	0	0
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0	38	0	0
0	38	0	0
0	54	0	0
0	75	0	0
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1	0	0	0
1.4	0	0	0
1.6	0	0	0
0.7	0	0	0
0.4	0	0	0
0.6	0	0	0
1.2	0	0	0
0.6	0	0	0
0.4	0	0	0
0.3	0	0	0
0.8	0	0	0
0.2	0	0	0
0.54	4	0	2
0.71	7	0	4
0.72	14	0	6
0.89	15	0	4
0	2	0	0
0	11	0	0
0.76	12	0	8
0	0	0	6
0	1	0	0
0	5	0	0
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10.93	0	0	4
0.43	20	0	12
0.46	24	0	10
0.43	15	0	42
0.54	7	0	46
0.61	5	0	18
0.63	10	0	36
0.88	12	0	38
0.49	3	0	10
0.59	10	0	18
1.07	4	0	44
0.77	13	0	2
0.71	14	0	2
0.79	8	0	4
0.86	16	0	16
1.19	28	0	14
1.84	3	0	38
0.98	5	0	34
0.47	8	0	4
0.31	2	0	4
0.78	3	0	44
0.47	3	0	22
0.45	7	0	-2
0.51	3	0	-2
0.51	8	0	20
3.32	5	0	26
3.15	4	0	16
2.14	2	0	12
8.25	5	0	28
1.45	3	0	12
0.65	3	0	32
0.6	3	0	34

2.27	16		0		26	
0.72	3		0		50	
1.54	6		0		10	
0.48	1		0		-2	
0.45	11		0		12	
1.2	3		0		38	
0.43	2		0		24	
0.44	5		0		20	
1.04	5		0		44	
3.18	9		0		20	
5.72	8		0		22	
2.18	4		0		10	
0.9	0		0		23	
0.38	9		0		7	
0.09	14		0		-2	
0	14		0		-2	
0	0		0		25	
0	0		0		100	
0	0		0		40	
0	0		0		50	
0	0		0		40	
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0	0		0		0	
0	0		0		0	
1.3	12	392.7387	0	16852.067	7	2697.68
1.3	12		0		7	
1.01	8	87.275266	0	13282.417	4	1139.0204
1.01	8		0		4	
2.98	38	610.92686	0	13282.417	45	10011.39
2.98	38		0		45	
5.22	20	87.275266	0	60185.954	15	3596.9067
5.22	20		0		15	
2.64	20	392.7387	0	27644.031	7	2517.8347
2.64	20		0		7	
27.44	5	654.5645	0	10542.919	27	1978.2987
27.44	5		0		27	
5.68	12	261.8258	0	18014.279	14	3477.0098
5.68	12		0		14	
1.11	75	261.8258	0	12037.191	15	1019.1236
1.11	75		0		15	
41.24	4	174.55053	0	249.04533	17	0
41.24	4		0		17	
0.89	134		0		6	
1.15	45		0		7	
1.51	8		0		3	
0.87	19		0		6	
1.02	43		0		6	
1.5	14		0		4	
1.05	26		0		5	
1.99	22		0		32	
2.02	11		0		41	
0.67	14		0		6	
0.91	4		0		-1	
1.07	19		0		5	
1.06	11	218.18817	0	26564.835	4	1738.5049
1.06	11		0		4	

7.49	56	741.83976	0	26730.865	18	4735.9271
7.49	56		0		18	
5.99	75	654.5645	0	28474.182	18	4616.0302
5.99	75		0		18	
4.77	30	960.02793	0	17350.158	28	5575.2053
4.77	30		0		28	
13.7	21	3316.4601	0	498.09065	13	1858.4018
13.7	21		0		13	
4.27	75	829.11503	0	28640.213	17	5035.6693
4.27	75		0		17	
8.36	41	785.4774	0	30964.636	19	4855.824
8.36	41		0		19	
2.84	46	698.20213	0	11954.176	40	8872.3698
2.84	46		0		40	
7.38	38	741.83976	0	1162.2115	21	6834.1227
7.38	38		0		21	
9.94	49	698.20213	0	31462.726	17	4735.9271
9.94	49		0		17	
0.48	3	480.01396	0	166.03022	3	479.58755
0.48	3		0		3	
14.6	13	2487.3451	0	1494.272	11	1978.2987
14.6	13		0		11	
6.19	78	698.20213	0	25568.653	23	6354.5351
6.19	78		0		23	
6.81	50	654.5645	0	11622.115	18	4855.824
6.81	50		0		18	
17.2	32	567.28923	0	18346.339	19	3177.2675
17.2	32		0		19	
3.84	57	523.6516	0	31213.681	17	3716.8035
3.84	57		0		17	
9.99	21	741.83976	0	30549.56	17	4616.0302
9.99	21		0		17	
4.98	59	567.28923	0	7305.3296	19	4915.7724
4.98	59		0		19	
17.83	66	654.5645	0	11788.145	22	5814.9991
17.83	66		0		22	
20.71	62	698.20213	0	9131.662	24	4855.824
20.71	62		0		24	
19.74	66	567.28923	0	10708.949	22	4795.8755
19.74	66		0		22	
13.26	66	698.20213	0	18595.384	22	4735.9271
13.26	66		0		22	
16.04	7	3010.9967	0	3652.6648	8	1258.9173
16.04	7		0		8	
4.25	65	872.75266	0	29636.394	19	5335.4115
4.25	65		0		19	
9.9	39	741.83976	0	24406.442	19	4556.0818
9.9	39		0		19	
4.75	57	698.20213	0	26896.895	17	4735.9271
4.75	57		0		17	
15.14	38	1003.6656	0	249.04533	14	1258.9173
15.14	38		0		14	
1.97	24	2138.244	0	2075.3777	10	1378.8142
1.97	24		0		10	
2.44	109	916.39029	0	35779.512	20	5635.1538
2.44	109		0		20	

0.7	2	698.20213	0	415.07554	5	719.38133
0.7	2		0		5	
0.04	9	3272.8225	0	2075.3777	12	1618.608
0.04	9		0		12	
2.82	79	741.83976	0	23078.2	19	4915.7724
2.82	79		0		19	
2.37	61	567.28923	0	10044.828	19	5395.36
2.37	61		0		19	
1.57	0	218.18817	0	6641.2087	44	3057.3707
1.57	0		0		44	
9.94	0	916.39029	0	6309.1483	0	31353.036
4.33	0	436.37633	0	40760.418	0	1678.5564
2.34	0	392.7387	0	33289.059	0	2877.5253
9.38	0	610.92686	0	1577.2871	41	9112.1635
7.23	0	1178.2161	0	415.07554	47	13308.555
3.94	0	741.83976	0	1992.3626	49	10131.287
3.12	0	916.39029	0	5395.9821	44	10011.39
3.17	0	480.01396	0	6226.1332	37	6414.4835
2.21	0	349.10106	0	2324.423	37	6354.5351
2.54	0	1134.5785	0	3403.6195	34	17145.255
9.45	0	567.28923	0	6807.2389	39	6594.3289
2.36	0	349.10106	0	2988.5439	38	5335.4115
5.13	0	654.5645	0	2573.4684	33	8332.8338
3.42	0	567.28923	0	1245.2266	33	7793.2978
3.86	0	4887.4149	0	1411.2568	17	7613.4524
3.25	0	654.5645	0	11041.009	42	6774.1742
14.35	0	436.37633	0	7056.2842	19	4855.824
6.05	0	785.4774	0	1245.2266	31	10191.236
3.34	0	480.01396	0	3901.7101	40	7673.4009
5.61	0	872.75266	0	5146.9367	23	7253.7618
7.19	0	436.37633	0	27644.031	14	5335.4115
9.16	0	1003.6656	0	1577.2871	25	8152.9884
2.88	0	349.10106	0	2656.4835	26	4436.1849
11.62	0	523.6516	0	6143.118	27	5095.6178
5.25	0	1134.5785	0	3984.7252	33	7913.1947
3.17	0	916.39029	0	15440.81	12	9292.0089
6.93	0	2967.3591	0	6475.1785	8	16485.822
3.97	0	2181.8817	0	4814.8763	17	21161.801
4.1	0	916.39029	0	5894.0727	43	9831.5449
3.79	0	916.39029	0	4565.831	43	9172.112
0.86	0	523.6516	0	40511.373	0	2637.7316
7.35	0	2749.1709	0	8633.5713	15	22420.718
3.04	0	1789.143	0	5894.0727	25	18044.482
10.55	0	2007.3311	0	11456.085	6	17564.894
3.69	0	3360.0977	0	14942.72	12	26017.625
3.88	0	3447.373	0	11373.07	10	22900.306
2.53	0	1701.8677	0	26813.88	0	1618.608
11.05	0	567.28923	0	415.07554	9	5755.0507
9.33	0	4189.2128	0	9878.7979	9	18823.812
4.78	0	7462.0353	0	18595.384	4	13068.761
7.44	0	1396.4043	0	1079.1964	6	10790.72
5.53	0	1745.5053	0	2822.5137	24	16485.822
8.14	0	5018.3278	0	6641.2087	9	16186.08
2	0	349.10106	0	54042.836	0	179.84533
1.44	0	174.55053	0	46488.461	0	239.79378
1.55	0	174.55053	0	29885.439	0	119.89689

2.03	0	305.46343	0	43998.008	0	119.89689
5.4	0	87.275266	0	36692.678	0	119.89689
5.23	0	-43.63763	0	39183.131	0	119.89689
5.42	0	87.275266	0	38352.98	0	119.89689
4.4	0	-43.63763	0	38435.995	0	119.89689
5.33	0	87.275266	0	34036.195	0	119.89689
2.68	0	5411.0665	0	13614.478	14	17265.152
3.34	0	3621.9235	0	11041.009	14	11749.895
1.97	0	1003.6656	0	18844.43	0	3237.216
4.25	0	610.92686	0	2739.4986	40	9471.8542
3.02	0	2661.8956	0	10127.843	30	17385.049
1.94	0	698.20213	0	747.13598	35	7913.1947
2.65	0	1876.4182	0	1660.3022	30	8692.5244
5.54	0	741.83976	0	664.12087	33	7613.4524
5.58	0	436.37633	0	4150.7554	36	6714.2258
1.86	0	1789.143	0	1328.2417	55	9471.8542
2.53	0	480.01396	0	3486.6346	41	7313.7102
7.76	0	567.28923	0	1826.3324	39	7733.3493
3.26	0	654.5645	0	581.10576	34	7493.5555
8.33	0	785.4774	0	3403.6195	23	8632.576
1.64	0	698.20213	0	1826.3324	36	9112.1635
3.06	0	654.5645	0	5894.0727	28	7613.4524
11.48	0	2836.4462	0	1079.1964	28	15766.441
3.19	0	654.5645	0	3486.6346	30	7913.1947
3.34	0	654.5645	0	6724.2238	29	7313.7102
2.28	0	698.20213	0	2241.4079	38	8572.6275
2.76	0	829.11503	0	996.18131	33	10550.926
1.08	0	741.83976	0	830.15109	41	9831.5449
2.03	0	698.20213	0	498.09065	29	8332.8338
7.1	0	567.28923	0	249.04533	13	5934.896
1.83	0	610.92686	0	2905.5288	36	8452.7307
11.87	0	523.6516	0	1826.3324	41	7253.7618
5.64	0	654.5645	0	415.07554	35	6714.2258
2.42	0	610.92686	0	1328.2417	48	8812.4213
2.14	0	567.28923	0	830.15109	44	8452.7307
3.88	0	610.92686	0	830.15109	46	8093.04
3.13	0	392.7387	0	15274.78	11	3357.1129
3.02	0	480.01396	0	16603.022	42	7373.6587
6.45	0	785.4774	0	11041.009	35	7613.4524
2.9	0	480.01396	0	25319.608	17	3836.7004
2.77	0	654.5645	0	1909.3475	46	8452.7307
4.81	0	1003.6656	0	7969.4504	21	4915.7724
2.2	0	392.7387	0	3237.5892	17	4256.3395
3.37	0	305.46343	0	7886.4353	7	1918.3502
9.43	0	1396.4043	0	581.10576	24	13728.194
8.11	0	2967.3591	0	1411.2568	21	18584.018
2.24	0	698.20213	0	34534.285	13	3956.5973
6.43	0	610.92686	0	332.06044	8	4016.5458
3.88	0	3883.7493	0	1162.2115	13	13188.658
1.58	0	174.55053	0	24157.397	0	2697.68
0.97	0	5192.8783	0	3652.6648	13	14987.111
1.34	0	392.7387	0	14859.704	0	2997.4222
6.49	0	1352.7666	0	4150.7554	23	10790.72
6.56	0	1221.8537	0	6475.1785	24	8272.8853
6.99	0	2400.0698	0	1328.2417	15	17145.255
18.86	0	916.39029	0	2656.4835	26	7793.2978

2.56	0	43.637633	0	8882.6166	4	1978.2987
4.76	0	436.37633	0	14278.599	11	2817.5769
3.76	0	-43.63763	0	8135.4807	7	2517.8347
5.54	0	1527.3172	0	581.10576	26	6534.3804
3.3	0	654.5645	0	16270.961	13	4016.5458
10.09	0	785.4774	0	2490.4533	46	10730.772
5.69	0	785.4774	0	9795.7828	50	9831.5449
4.28	0	698.20213	0	33455.089	15	3836.7004
0.98	0	218.18817	0	12950.357	30	1198.9689
1.96	0	523.6516	0	17267.143	3	3596.9067
3.96	0	567.28923	0	6226.1332	15	6894.0711
4.87	0	392.7387	0	31379.711	10	6054.7929
4.35	0	480.01396	0	10459.904	7	4196.3911
2.6	0	218.18817	0	21915.989	5	1978.2987
3.69	0	523.6516	0	2490.4533	35	7253.7618
2.45	0	785.4774	0	3486.6346	37	10191.236
1.79	0	480.01396	0	1328.2417	13	3297.1644
3.53	0	1134.5785	0	2573.4684	46	13908.039
3.53	0	480.01396	0	21915.989	24	4496.1333
9.53	0	523.6516	0	12037.191	33	6894.0711
4.91	0	610.92686	0	6226.1332	38	7673.4009
0.7	0	1396.4043	0	10127.843	37	14867.214
2.71	0	610.92686	0	9297.6922	31	7073.9164
2.38	0	1003.6656	0	2075.3777	40	6174.6898
3.75	0	610.92686	0	996.18131	45	7733.3493
1.84	0	174.55053	0	38269.965	0	599.48444
5.71	0	960.02793	0	16520.007	0	3237.216
8.33	0	7200.2095	0	8882.6166	0	11869.792
5.23	0	5498.3418	0	2905.5288	0	9471.8542
5.76	0	7331.1224	0	14693.674	0	13128.709
9.58	0	5236.516	0	15440.81	0	10790.72
3.58	0	4887.4149	0	3486.6346	0	12529.225
0	0	4494.6762	0	10874.979	0	17205.204
12.43	0	1876.4182	0	1909.3475	0	16305.977
0	0	2530.9827	0	13614.478	0	15346.802
18.07	0	610.92686	0	7969.4504	0	7913.1947
4.94	0	741.83976	0	40926.449	0	959.17511
7.97	0	261.8258	0	1162.2115	0	5814.9991
5.77	0	1614.5924	0	12286.236	0	17145.255
9.68	0	4451.0386	0	8135.4807	0	13248.606
8.61	0	305.46343	0	19591.566	0	899.22667
0	0	1527.3172	0	6226.1332	0	14687.369
0	0	523.6516	0	249.04533	0	5814.9991
0	0	1396.4043	0	2324.423	0	14387.627
6.14	0	1309.129	0	10210.858	0	12828.967
0	0	1221.8537	0	10293.873	0	12948.864
0	0	3098.2719	0	11539.1	0	17145.255
5.4	0	1178.2161	0	10542.919	0	13908.039
5.27	0	1876.4182	0	19591.566	0	18164.379
0	0	1221.8537	0	6309.1483	0	15226.905
0	0	1352.7666	0	3569.6497	0	12769.019
0	0	1090.9408	0	664.12087	0	13068.761
0	0	1309.129	0	1909.3475	0	16905.461
0	0	3272.8225	0	11207.04	0	14867.214
0	0	3185.5472	0	4565.831	0	22600.564
0	0	1570.9548	0	2822.5137	0	15886.338

0	0		480.01396	0	34285.24	0	1019.1236
8.57	0		1047.3032	0	10459.904	0	10910.617
0	0		2138.244	0	2988.5439	0	16186.08
0	0		1483.6795	0	4482.8159	0	16186.08
0	0		1745.5053	0	830.15109	0	13788.142
0	0		1745.5053	0	12452.266	0	17325.1
0	0		2443.7075	0	7720.4051	0	18943.708
14.69	0		2574.6204	0	5395.9821	0	16126.132
2.6	0		4363.7633	0	12618.297	0	10371.081
0	0		2356.4322	0	249.04533	0	17684.791
0	0		2094.6064	0	7720.4051	0	13368.503
0	0		2269.1569	0	6309.1483	0	13308.555
0	0		4538.3138	0	19259.505	0	15646.544
8.45	0		1396.4043	0	4980.9065	0	13668.245
3.54	0		349.10106	0	1494.272	0	4693.9632
10.9	0		4363.7633	0	581.10576	0	5035.6693
11.68	0		305.46343	0	10210.858	0	4735.9271
9.39	0		349.10106	0	2490.4533	0	4675.9787
9.27	0		392.7387	0	913.1662	0	4795.8755
7.05	0		480.01396	0	3901.7101	0	5874.9475
7.462	0		1562.2273	0	14444.629	0	14987.111
0	0		698.20213	0	2739.4986	0	9531.8026
8.8	0		698.20213	0	12618.297	0	5814.9991
6.4	0		829.11503	0	14610.659	0	11270.308
8.17	0		1134.5785	0	1660.3022	0	11090.462
0	0		698.20213	0	8633.5713	0	8512.6791
0	0		1221.8537	0	19093.475	0	5335.4115
6.44	0		1789.143	0	8633.5713	0	23559.739
6.59	0		741.83976	0	3569.6497	0	13068.761
3.06	0		698.20213	0	6143.118	381	7913.1947
8.22	0		3447.373	0	13614.478	14.4	19243.451
4.74	0		3185.5472	0	3237.5892	4.6	4556.0818
6.42	0		6502.0073	0	17267.143	10.7	11570.05
3.34	0		7374.76	0	25153.578	12	13668.245
8.39	0		3752.8364	0	19259.505	12.9	17984.533
9.48	0		2530.9827	0	7388.3447	23.2	14867.214
6.24	0		1832.7806	0	4565.831	29.3	17504.946
6.46	0		2312.7946	0	5229.9519	18.7	15107.008
2.64	0		4843.7773	0	9297.6922	7.5	14447.575
4.21	0		3665.5612	0	4150.7554	13.4	16605.719
2.18	0		2094.6064	0	2490.4533	22	15286.853
9.88	0		1352.7666	0	7139.2994	30.5	14567.472
6.44	0		2356.4322	0	7803.4202	19.8	13668.245
4.76	0		1309.129	0	2905.5288	21.6	10311.132
16.2	0		942.57287	0	13199.402	0	9891.4933
15.05	0		1117.1234	0	3154.5741	0	11270.308
6.2	0		2151.3353	0	4814.8763	0	18584.018
5.74	0		2365.1597	0	3403.6195	0	19663.09
7.34	0		1012.3931	0	18512.369	0	11150.411
9.11	0		2020.4224	0	2988.5439	0	18763.863
1.6	9.3		261.8258	0	59687.863	8.1	2337.9893
1.02	24.9	1.87	741.83976	0	17931.263	0	3117.3191
1.73	17.4	2.09	829.11503	0	19259.505	0	2997.4222
1.23	19.6	1.75	1396.4043	0	16353.976	0	5814.9991
1.05	0	2.26	436.37633	0	20587.747	0	1618.608
6.96	34.7	0.95	2138.244	0	1245.2266	0	20142.677

8143.2102	12.4	1.12	960.02793	0	8135.4807	33	7313.7102
5786.7662	12.9	1.77	1221.8537	0	5063.9216	10	5155.5662
818.09289	5.66	1.9	261.8258	0	29304.333	2	659.43289
8838.2978	0		741.83976	0	5478.9972	0	7793.2978
6161.36	0		2138.244	0	13033.372	15	5395.36
19301.049	0		4800.1396	0	14527.644	11	17385.049
0	24.3	2.48	1021.1206	0	33953.179	11	4436.1849
0	22.1	2.16	1038.5757	0	34285.24	12	4616.0302
777.536	0		218.18817	0	6475.1785	4	539.536
0	2.99	1.3	174.55053	0	6060.1029	3	1019.1236
0	18.6	1.04	654.5645	0	7720.4051	34	7373.6587
0	12.4	1.12	785.4774	0	8384.526	33	9052.2151
3.9	0		1832.7806	0	14195.584	23	6054.7929
5.23	0		1832.7806	0	581.10576	31	6774.1742
1.11	0		1963.6935	0	33538.104	16	6114.7413
1.73	0		2050.9688	0	30300.515	19	6234.6382
1.94	0		2007.3311	0	33040.013	19	6414.4835
1.73	0		2094.6064	0	34451.27	17	6174.6898
1.97	0		4014.6622	0	6060.1029	33	19303.399
1.8	0		4931.0525	0	10874.979	29	17864.636
1.11	0		130.9129	0	38685.041	4	419.63911
1.19	0		130.9129	0	37190.769	5	359.69067
1.7	0		698.20213	0	8633.5713	37.7	7193.8133
2.06	0		698.20213	0	8218.4958	38.1	7733.3493
2.32	0		654.5645	0	6973.2691	33.7	8692.5244
1.68	0		654.5645	0	3984.7252	36.7	7013.968
1.54	0		741.83976	0	11373.07	40.7	70859.061
2.45	0		785.4774	0	9961.8131	41.4	8512.6791
1.45	0		785.4774	0	9297.6922	41.2	8272.8853
2.14	0		610.92686	0	6143.118	29.6	8692.5244
2.2	0		698.20213	0	6060.1029	33.6	9172.112
2.32	0		741.83976	0	6143.118	35.3	9292.0089
2.52	0		698.20213	0	9048.6469	31.5	8932.3182
2.24	0		567.28923	0	4648.8461	30.2	7433.6071
11.17	0		916.39029	0	4482.8159	34.2	11989.689
2.32	0		654.5645	0	12203.221	31.1	66422.876
1.55	0		829.11503	0	15606.84	43	8512.6791
2.94	0		480.01396	0	39017.101	0	1978.2987
7.12	0		2181.8817	0	11124.025	0	20382.471
4.69	0		0	0	36111.572	0	59.948444
1.09	0		1570.9548	0	17765.233	18	4795.8755
1.65	0		916.39029	0	15606.84	21	5635.1538
1.24	0		960.02793	0	16353.976	9	3477.0098
0.95	0		741.83976	0	14361.614	5	2218.0924
3.35	0		1440.0419	0	13863.523	12	3896.6489
2.49	0		1221.8537	0	5063.9216	36	3836.7004
1.74	0		1832.7806	0	8467.5411	10	15226.905
0.87	0		1221.8537	0	7637.39	39	11450.153
0.95	0		1789.143	0	9131.662	27	8572.6275
8.63	0		1789.143	0	18761.415	9	4376.2364
15.62	0		1963.6935	0	12037.191	18	13668.245
14.54	0		1178.2161	0	5728.0425	34	11749.895
13.25	0		1090.9408	0	6558.1936	38	11689.947
5.54	0	0.96	1474.952	0.008	6275.9422	46.5	18823.812
6.155	0	3.78	436.37633	0.004	36443.633	18	3896.6489
7.427	49.8	0.91	645.83697	0.02	12659.804	51.2	10490.978

1.781	1.1	4.36		240.00698	0.012	23493.276	1.3	1618.608
3.867	20	1.18	670.77277	139.64043	0.015	26730.865	8.3	1139.0204
5.165	6.2	2.64	198.74749	117.82161	0.01	30549.56	9.4	1618.608
2.032	0	0.41	164.58776	558.5617	0.027	5387.6806	35.6	8992.2667
8.561	0	0.78	93.162884	318.55472	0.029	3785.489	15.5	6174.6898
2.015	0	0.81	37.265154	519.28783	0.009	730.53296	5	779.32978
2.277	0	0.79	52.792301	466.92267	0.016	3162.8756	5.7	1198.9689
7.737	0	1.33	121.11175	1937.5109	0.017	622.61332	29.1	13308.555
4.811	0	0.88	40.370583	74.183976	0.015	5869.1682	8.2	2697.68
9.229	0	0.25	62.108589	231.27946	0.016	1220.3221	29.2	4855.824
5.149	0	0.19	55.897731	340.37354	0.028	539.59821	22.6	3836.7004
8.687	0	0.08	49.686872	174.55053	0.007	1178.8145	24.8	5455.3084
16.642	0	1.64	37.265154	510.56031	0.007	273.94986	2.2	-59.94844
24.883	0	0.49	108.69003	746.20353	0.045	-8.301511	1.9	119.89689
5.18	0	3.66	534.13387	898.93524	0.005	32292.877	14.2	4855.824
3.748	0	2.87	149.06061	685.11084	0.011	14320.106	9	3057.3707
5.825	0	3.93	223.59092	698.20213	0.004	31379.711	18.7	4316.288
10.866	0	3.86	186.32577	545.47041	0.026	40013.282	16.2	3417.0613
3.213	4.2	1.66	310.54295	235.64322	0.025	36360.618	1.6	539.536
15.322	0	0.53	31.054295	165.82301	0.094	1021.0858	3.1	-59.94844
26.378	0	0.67	105.5846	187.64182	0.083	423.37705	3.3	-59.94844
2.361	0	1.38	12.421718	305.46343	0.019	1029.3873	2.6	-59.94844
2.97	0	1.62		1309.129	0	15606.84	0	4196.3911
1.46	0	0.71		1003.6656	0	4399.8008	0	2517.8347
3.24	0	1.82		741.83976	0	19259.505	0	3536.9582
2.15	0			916.39029	0	21666.943	0	4376.2364
1.6	0			872.75266	0	27062.925	0	3536.9582
6.2	0			1745.5053	0	9878.7979	0	5575.2053
0.89	0			436.37633	0	47816.703	0	653.43804
0.86	0			916.39029	0	18512.369	0	3656.8551
2.38	0			916.39029	0	17184.128	0	3656.8551
6.89	0			1309.129	0	16769.052	0	5035.6693
1.17	0			43.637633	0	6558.1936	0	59.948444
1.69	0			872.75266	0	26564.835	0	3357.1129
2.57	0			916.39029	0	26066.744	0	3836.7004
1.69	0			872.75266	0	24738.502	0	3357.1129
0.97	0			872.75266	0	16520.007	0	4556.0818
1.12	0			1221.8537	0	1743.3173	0	12049.637
1.25	0			785.4774	0	1909.3475	36	9292.0089
2.12	0			480.01396	0	2158.3928	36	7613.4524
3.07	12.1			4276.488	0	29968.454	3.5	6354.5351
5.47	55.7			-43.63763	0	30383.53	1.2	179.84533
4.58	16.4			2967.3591	0	7305.3296	16.9	24578.862
4.28	19.8			4581.9515	0	21002.823	3.1	6234.6382
1.08	6.5			1265.4914	0	34534.285	2	1498.7111
2.67	42.3			741.83976	0	3735.6799	42.5	10311.132
2.91	22.3			2225.5193	0	5645.0274	29.1	17025.358
2.69	40.5			1745.5053	0	747.13598	29.9	15107.008
5.11	80.2			-43.63763	0	37605.844	1.9	59.948444
2.9	16.2			741.83976	0	4067.7403	45.4	10730.772
0.77	0			916.39029	0	7803.4202	27	5335.4115
0.83	0			654.5645	0	7886.4353	28	5395.36
0.43	0			1047.3032	0	14610.659	22	5395.36
0.46	0			1047.3032	0	14942.72	23	5455.3084
0.87	0			1047.3032	0	9712.7677	22	5455.3084
1.88	0			1309.129	0	15191.765	16	5155.5662

0.87	0		610.92686	0	11954.176	23	41963.911
1.93	0		916.39029	0	17931.263	13	3536.9582
0.26	0		610.92686	0	9795.7828	24	4915.7724
2.05	0		785.4774	0	8799.6015	25	5095.6178
1.89	0		218.18817	0	7388.3447	28	3417.0613
1.92	0		480.01396	0	5478.9972	48	6834.1227
1.94	0		610.92686	0	28806.243	5	2158.144
1.36	0		610.92686	0	27311.971	6	2098.1956
5.24	0		698.20213	0	27561.016	7	2877.5253
2.23	0		567.28923	0	25734.684	5	23979.378
2.82	0		610.92686	0	30632.575	7	2757.6284
1.58	0		610.92686	0	18180.309	6	2757.6284
1.01	0	4.52	43.637633	0	21999.004	0	359.69067
1.8	0	2.96	87.275266	0	26066.744	0	479.58755
1.75	0	2.47	2181.8817	0	14444.629	0	5455.3084
10.5	0	1.38	1134.5785	0	8550.5562	0	9112.1635
0.72	4.8	0.54	130.9129	0	6973.2691	0	1079.072
5.55	0		960.02793	0	9795.7828	0	11090.462
2.51	0		2181.8817	0	12286.236	0	5335.4115
6.56	26.7	3.17	3403.7354	0	20172.671	0	14507.524
4.54	23.9	3.75	2400.0698	0	30632.575	0	10311.132
9.32	61.8	2.23	2967.3591	0	12286.236	0	17504.946
11.1	0	0.57	785.4774	0	6890.254	0	11090.462
6.52	60.6	2.74	4101.9375	0	22165.034	0	17984.533
4.11	47.7	2.66	4712.8644	0	26149.759	0	19303.399
2.38	0	2.01	2530.9827	0	13697.493	0	5994.8444
1.14	0	1.7	1440.0419	0	15938.901	0	6114.7413
1.2	0		218.18817	0	6807.2389	0	959.17511
0	0		741.83976	0	23576.291	0	3776.752
3.6	0	1.04	916.39029	0	10625.934	34	9831.5449
2.67	0		698.20213	0	6226.1332	0	9292.0089
0	14.1	1.89	1352.7666	0	16520.007	11	5635.1538
0	4.2	1.85	218.18817	0	38103.935	2	599.48444
0	0		1309.129	0	3154.5741	0	13128.709
0	0	1.04	916.39029	0	10625.934	34	9831.5449
6.45	21	3.6	3534.6483	0	27228.956	0	12948.864
6.47	0	2.03	2792.8085	0	15440.81	0	7193.8133
0	23.6	2.3	305.46343	0	8633.5713	26.7	6354.5351
0	63.8	1.49	1352.7666	0	8633.5713	24	13368.503
0	93.3	1.11	1178.2161	0	4399.8008	26	13848.091
0	17	0.44	872.75266	0	1079.1964	13	7013.968
0	0	0.48	610.92686	0	2739.4986	33	8152.9884
1.11	0		741.83976	0	2988.5439	47.9	8272.8853
2.66	0		872.75266	0	1328.2417	48	9591.7511
1.31	0		654.5645	0	4897.8914	46	7973.1431
1.31	0		872.75266	0	6724.2238	47	9831.5449
1.49	0		741.83976	0	5728.0425	43.3	8572.6275
1.14	0		829.11503	0	5229.9519	47	9831.5449
0	1.39	1.02	785.4774	0	3818.695	12	4496.1333
0	12.9	0.87	1570.9548	0	4565.831	25	12529.225
0	0.83	1.4	5018.3278	0	4067.7403	12	15646.544
0	3.65	3.91	274.91709	0	19923.626	1	2757.6284
0	2.09	3.71	353.46483	0	17184.128	1	2637.7316
0	2.83	3.75	331.64601	0	18014.279	1	2577.7831
0	1.36	1.65	104.73032	0	9712.7677	2	1258.9173
0	1.52	1.92	139.64043	0	9795.7828	2	1318.8658

0	2.39	1.03	148.36795	0	7139.2994	2	1139.0204
0	13.9	1.29	1221.8537	0	4067.7403	20	8752.4729
0	21.3	1.56	820.3875	0	1079.1964	18	7313.7102
0	8.72	1.55	480.01396	0	6724.2238	24	4675.9787
0	5.92	2.08	1396.4043	0	913.1662	6	5874.9475
0	0	0.69	1090.9408	0	1577.2871	35	9771.5964
0	0	0.51	2356.4322	0	1577.2871	38	9711.648
6.91	0		960.02793	0	7222.3145	37.9	6894.0711
5.95	0		1658.2301	0	11622.115	26.9	16845.513
6.69	0		1701.8677	0	1909.3475	30.8	17744.74
5.6	0		5280.1536	0	1079.1964	7.9	8992.2667
1.13	0		872.75266	0	1826.3324	44.5	9771.5964
1.54	0		218.18817	0	9795.7828	8	1798.4533
2.65	0		305.46343	0	17101.112	6	2038.2471
3.47	0		1178.2161	0	1411.2568	17.8	7973.1431
6.79	0		829.11503	0	6890.254	35	7793.2978
7.14	0		567.28923	0	3818.695	34.8	5455.3084
6.18	0		2530.9827	0	7554.3749	27.1	19363.348
7.01	0		741.83976	0	2905.5288	36	9411.9058
4.88	0		2705.5333	0	4731.8612	23.6	19663.09
3.87	0		1309.129	0	13116.387	33.2	13488.4
2.24	0		1658.2301	0	13531.463	34	16785.564
8.25	0		1309.129	0	747.13598	36.2	14087.884
7.52	0		960.02793	0	13863.523	28.9	10131.287
10.2	0		1090.9408	0	249.04533	35.1	11090.462
9.18	0		1309.129	0	2739.4986	34.7	12769.019
2.81	0		523.6516	0	16436.992	23	4436.1849
6.52	0		567.28923	0	2075.3777	27.2	5395.36
5.31	0		523.6516	0	5478.9972	24.7	4496.1333
3.99	0		916.39029	0	2822.5137	16.5	4256.3395
5.6	0		1221.8537	0	1328.2417	30.2	7793.2978
8.18	0		1047.3032	0	2241.4079	25.6	7553.504
6.81	0		1134.5785	0	1162.2115	28	9951.4418
6.43	0		1134.5785	0	1328.2417	0	10131.287
5.93	0		872.75266	0	5063.9216	23.6	7133.8649
6.5	0		610.92686	0	5395.9821	24.8	4436.1849
5.87	0		523.6516	0	7720.4051	31.3	4376.2364
8.09	0		785.4774	0	1743.3173	35	7073.9164
5.18	0		1003.6656	0	19010.46	28.5	10431.029
2.89	0		1527.3172	0	7305.3296	6.9	6714.2258
5.82	0		1352.7666	0	2490.4533	34.5	11210.359
6.57	0		1440.0419	0	2490.4533	33.6	11809.844
5.46	0		785.4774	0	1494.272	31	9471.8542
5.11	0		567.28923	0	7637.39	12	5515.2569
6.8	0		610.92686	0	5645.0274	36.9	7373.6587
5.41	0		960.02793	0	4150.7554	27.8	8632.576
10.95	0		1789.143	0	3486.6346	34	16186.08
5.82	0		1701.8677	0	4067.7403	29	17085.307
8.7	0		87.275266	0	5146.9367	17.9	7733.3493
2.85	0		567.28923	0	3984.7252	37.8	7193.8133
3.58	0		610.92686	0	1909.3475	47.3	8152.9884
2.46	0		785.4774	0	1494.272	38.3	7553.504
1.5	0		654.5645	0	3403.6195	0	8272.8853
1.02	0		610.92686	0	747.13598	39	8033.0915
2.83	0		523.6516	0	2573.4684	44	8272.8853
4.12	0		567.28923	0	2158.3928	45.1	8752.4729

1.52	0		480.01396	0	2656.4835	42.2	6834.1227
0.79	0		4887.4149	0	3569.6497	14.5	13967.988
2.83	0		523.6516	0	2490.4533	0	7973.1431
13.36	0		43.637633	0	83.015109	10.9	59.948444
2.55	0		610.92686	0	8965.6317	41.4	8452.7307
0.71	0		1047.3032	0	3486.6346	45	10910.617
13	0		43.637633	0	83.015109	6.2	59.948444
3.24	0		610.92686	0	2407.4382	45	8152.9884
1.11	0		1265.4914	0	3071.559	42.2	11210.359
1.71	0		4494.6762	0	4731.8612	12.5	13668.245
1.3	0		261.8258	0	56616.304	0.7	2098.1956
1.13	0		1396.4043	0	9878.7979	23.8	20262.574
5.24	0		654.5645	0	8965.6317	41	7613.4524
2.26	0		436.37633	0	3403.6195	47	6954.0195
2.76	0		523.6516	0	4067.7403	17	4616.0302
3.04	0		1090.9408	0	1909.3475	20	6174.6898
4.32	0		1440.0419	0	3486.6346	24	8212.9369
6.59	0		2705.5333	0	1909.3475	20	24518.914
5.88	0		3010.9967	0	6641.2087	15	24219.172
11.47	0		392.7387	0	6475.1785	45	7913.1947
3.86	0		567.28923	0	10459.904	49	9351.9573
1.8	0		741.83976	0	1577.2871	38	9651.6995
1.98	0		741.83976	0	2075.3777	48	9531.8026
13.62	0		2356.4322	0	7803.4202	14	17984.533
2.1	0		480.01396	0	4399.8008	44	7373.6587
1.99	0		261.8258	0	3320.6044	49	5455.3084
2.15	0		480.01396	0	6392.1634	47	5695.1022
3.16	0		785.4774	0	10459.904	37	9232.0604
2.61	0		523.6516	0	8716.5864	36	7793.2978
2.58	0		523.6516	0	1162.2115	48	8632.576
7.38	0		1963.6935	0	2905.5288	48	9591.7511
2.96	0		8247.5127	0	69649.676	4	13967.988
0.96	0		261.8258	0	3652.6648	0	1019.1236
0.43	0		610.92686	0	7886.4353	0	2577.7831
10.88	0		436.37633	0	7886.4353	51.6	7313.7102
3.21	0		480.01396	0	12452.266	45.1	7793.2978
9.55	0		480.01396	0	2075.3777	52.9	7553.504
10.75	0		1963.6935	0	8716.5864	20.8	21821.234
4.9	0		2356.4322	0	12286.236	18.6	8692.5244
7.12	0		3272.8225	0	25319.608	9.3	13368.503
5.47	0		654.5645	0	22829.155	45.3	7553.504
2.03	0		654.5645	0	5229.9519	37.3	7253.7618
9.34	0		829.11503	0	1743.3173	14.8	6174.6898
5.18	0		4363.7633	0	8052.4655	19.2	19183.502
3.49	0		6763.8331	0	7471.3598	19.7	13488.4
0.69	0		436.37633	0	747.13598	2.62	1678.5564
1.6	0		39.27387	0	7471.3598	3.01	359.69067
1.87	0		296.73591	0	1245.2266	28	4735.9271
3	0		349.10106	0	7886.4353	33	5455.3084
3.88	0		497.46902	0	1909.3475	40.8	8812.4213
2.53	0		436.37633	0	2988.5439	0	7073.9164
2.55	0		349.10106	0	2656.4835	0	5575.2053
17.8	51.8	0.8	1832.7806	0	10542.919	22.7	15946.286
0.7	37.8	2.46	872.75266	0	25319.608	9.7	3596.9067
1.14	0	1.61	698.20213	0	13780.508	7.9	3177.2675
0.7	21.3	2.1	392.7387	0	22580.11	4.6	1918.3502

0.76	0	2.4	785.4774	0	23908.351	9.7	3596.9067
1.02	6.5	0.56	654.5645	0	2407.4382	1.8	1438.7627
1.15	0	1.83	480.01396	0	19176.49	3.7	2218.0924
3.71	47	2.19	3840.1117	0	18097.294	0	15286.853
3.72	23.2	1.82	392.7387	0	21749.958	0	1798.4533
2.52	0		493.10525	0	40677.403	0	1978.2987
3.16	0		2269.1569	0	23991.366	15	6294.5867
4.54	0		2181.8817	0	27311.971	17	6834.1227
2.96	0		2269.1569	0	14527.644	16	7253.7618
3.48	0		1396.4043	0	1328.2417	0	16485.822
0	0		1396.4043	0	5312.967	0	15166.956
0	0		1614.5924	0	7637.39	0	17624.843
0	0		1527.3172	0	7637.39	0	16725.616
0	0		1483.6795	0	1494.272	0	12948.864
0	0		1483.6795	0	1328.2417	0	13068.761
0	0		1614.5924	0	996.18131	0	13188.658
0	0		2269.1569	0	13863.523	10	5215.5147
0	56.1	1.98	3272.8225	0	9878.7979	19	19483.244
0	0		3883.7493	0	17101.112	18	16246.028
5.57	0	1	1047.3032	0	13199.402	19	5994.8444
1.96	0		2094.6064	0	18346.339	43	10670.823
1.36	15	5	130.9129	0	9048.6469	5	959.17511
0	0		1047.3032	0	24323.427	12	3776.752
0	0		1047.3032	0	25153.578	14	3297.1644
0	0		5672.8923	0	4150.7554	15	28175.769
0	0		1570.9548	0	19010.46	20	4376.2364
0	34.7	1.56	5672.8923	0	664.12087	11	26856.903
0	0		1832.7806	0	19010.46	23	5575.2053
0	17.4	2.15	698.20213	0	20006.641	6	2877.5253
0	20.9	2.22	523.6516	0	19757.596	4	2278.0409
0	34.6	2.95	829.11503	0	22995.185	8	3656.8551
0	39.2	1.76	5323.7912	0	3320.6044	11	27396.439
0	36.4	2.61	785.4774	0	25153.578	8	3656.8551
5.5	0		593.47181	0	12867.342	0	9831.5449
3.43	0		624.01815	0	11539.1	0	10490.978
2.95	0		676.38331	0	8799.6015	0	11150.411
2.72	0		619.65439	0	4980.9065	0	10071.339
0	0		654.5645	0	4814.8763	42	6714.2258
0	0		1003.6656	0	2656.4835	49	10910.617
1.99	0	2	305.46343	0	16187.946	6	2038.2471
1.12	0	2	87.275266	0	12618.297	2	1318.8658
0.5	0	1	43.637633	0	1162.2115	3	479.58755
5.48	0		837.84256	0	996.18131	0	4735.9271
4.66	0		820.3875	0	664.12087	13	4675.9787
0	0	2.4	2618.258	0	17682.218	10	6774.1742
0	0		436.37633	0	17682.218	2	1079.072
7.81	0		567.28923	0	7969.4504	36	6534.3804
3.2	0		4887.4149	0	7720.4051	18	18584.018
2.67	0		436.37633	0	4150.7554	34	6114.7413
11.25	0		305.46343	0	1162.2115	32	9292.0089
2.86	0		436.37633	0	3735.6799	0	5814.9991
0	4.2	1.85	87.275266	0	29802.424	2	719.38133
0	14.1	1.89	1047.3032	0	14112.568	11	5455.3084
0	12.9	1.77	1090.9408	0	16104.931	10	5095.6178
0	11.8	2.03	1396.4043	0	18097.294	11	6894.0711
0	8.12	1.85	1178.2161	0	16270.961	10	5575.2053

0	5.66	1.9	87.275266	0	30549.56	2	719.38133
0	0	1.49	698.20213	0	12784.327	22	6714.2258
1.52	0		218.18817	0	1660.3022	0	1318.8658
1.9	0		1352.7666	0	20172.671	0	6474.432
0	54			0		0	
0.93	40			0		4	
0.49	71			0		10	
0	0			0		19	
0	0			0		9	
0	0			0		3	
0	0			0		9	
0	0			0		5	
0	0			0		11	
0	0			0		3	
0	0			0		3	
0	0			0		10	
0	0			0		0	
0	0			0		0	
1.03	8			0		36.33	
1.02	12			0		42.67	
1.79	15			0		33.43	
1.79	15			0		38.54	
0.3	11			0		0.72	
13.27	5			0		8.98	
0.69	8			0		25.52	
0.34	0			0		18.31	
0.73	2			0		32.16	
6.77	2			0		12.13	
7.77	1			0		9.41	
1.29	1			0		24.88	
0.52	10			0		40.88	
0.9	6			0		30.91	
1.34	4			0		32.87	
1.51	0			0		0	
1.14	0			380		19	
0.81	0			115		9	
1.01	0			125		9	
1.06	0			150		10	
0.53	0			550		11	
0.79	0			280		11	
0.96	0			370		22	
0.23	0			510		26	
0.65	0			300		11	
1.27	0			105		11	
1.16	0			470		37	
0.77	0			0		8	
0.7	0			0		7	
0.49	0			0		4	
0	0			0		2	
1.03	0			0		7	
0.83	0			0		11	
0.72	0			0		4	
0.61	0			0		3	
0.4	0			0		9	
0.83	0			0		2	
0.35	0			0		4	

0.63	0	0	4
0.38	0	0	5
0.33	0	0	3
0.63	0	0	5
0	8	0	12
0	13	0	30
0	24	0	11
0	14	0	9
0	19	0	5
0	8	0	6
0	28	0	5
0	7	0	22
0	18	0	8
0	8	0	23
0	9	0	6
0	15	0	9
0	12	0	21
0	10	0	15
0	16	0	7
1.22	13	0	17
1.51	11	0	24
1.45	3	0	25
0.93	3	0	34
1.51	4	0	41
0.84	10	0	5
1.51	3	0	61
1.17	9	0	28
1.16	12	0	27
1.26	10	0	27
0.87	9	0	15
1.11	12	0	16
0.9	14	0	13
1.49	11	0	27
1.37	11	0	28
1.41	9	0	28
1.35	8	0	27
2.07	8	0	28
1.24	12	0	20
2.58	19	0	25
1.92	10	0	26
3.13	26	0	21
2.31	15	0	24
2.23	11	0	32
0.62	12	0	21
0.73	8	0	6
0.95	32	0	7
2.08	9	0	30
1.85	10	0	20
1.61	8	0	22
1.62	9	0	24
1.03	43	0	8
1.28	15	0	10
1.33	12	0	26
0.89	19	0	13
0.78	19	0	10
0.82	21	0	12

0.87	19	0	12
0.83	19	0	9
1.35	13	0	30
3.13	18	0	41
0.99	21	0	9
1.25	24	0	8
1.42	28	0	8
1.28	35	0	27
0.65	16	0	6
0.3	17	0	2
1.75	18	0	4
3.85	47	0	36
0	10	0	40
0.85	7	0	5
0.58	6	0	3
0.8	14	0	13
0.41	12	0	5
0.59	7	0	3
1.49	12	0	17
0.66	4	0	3
1.81	0	0	0
3.59	0	0	0
0.51	8	0	4
0.82	23	0	9
0.57	15	59	8
2.45	0	0	26
1.11	0	0	9
1.24	0	0	22
1.2	0	0	21
0.94	0	0	9
0.5	0	0	5
0.54	0	0	6
1.85	0	0	11
1.98	0	0	44
1.51	8	0	21
1.39	8	0	19
0.51	3	0	5
1.76	6	0	40
0.61	5	0	5
0.79	9	0	5
0.72	9	0	4
0.64	4	0	3
0.57	3	0	3
0.63	4	0	7
0.76	6	0	7
0.58	18	0	3
0.3	0	0	0
0.85	0	0	0
0.58	0	0	0
0.8	0	0	0
0.59	0	0	0
1.49	0	0	0
0.66	0	0	0
1.81	10	0	2
3.59	13	0	5
0.51	0	0	0

0.82	0	0	0
1.28	15	172	7
0.61	0	250	7
0.89	0	0	2
0.58	0	0	6
0.5	0	0	-2
0.65	0	0	-2
0.62	0	0	10
0.6	0	0	10
0.93	0	0	20
0.57	0	0	2.28
0.46	2	0	38
0.76	0	0	34
1.01	2	0	40
0.78	1	0	46
0.51	4	0	4
1.15	0	0	0
0.76	0	0	0
0.41	0	0	0
0.51	0	0	0
0.89	0	0	0
0.93	0	0	0
1.04	0	0	0
0.72	0	0	0
0.99	0	0	0
1.16	0	0	0
1.07	0	0	0
0.68	0	0	0
0.99	0	0	0
0.84	0	0	0
0.41	0	0	0
0	30	0	0
0.57	0	0	0
0.41	0	0	0
0	50	0	0
1.06	0	0	0
0.78	0	0	0
1.95	0	0	0
1.79	0	0	0
1.39	0	0	0
0.4	0	520	7
0.25	0	135	2
0.6	0	65	3
0.56	0	135	3
1.28	0	320	18
1.4	0	260	17
1.89	0	55	23
0.52	0	56	4
0.52	0	48	3
0.82	0	160	9
1.38	0	560	27
0.86	0	97	3
0.18	0	620	18
0.81	0	265	8
0.6	0	200	21
0.35	0	57	8

0.43	0			130		12	
0.85	0			150		16	
0.69	0			290		19	
0.89	0			40		6	
0.28	0			130		28	
0.47	0			195		25	
0.66	0			31		5	
0.29	0			180		6	
0.34	0			240		6	
0.35	0			320		8	
1.2	0			215		50	
0.46	0			95		8	
0.64	0			245		10	
0.36	0			49		6	
0.12	0			28		16	
0.34	0			500		6	
0.56	0			100		40	
1.02	0			27		7	
0.67	0			60		8	
1.84	0			110		36	
1.28	0			330		38	
0.77	0			18		3	
1	0			80		35	
0.24	9			27		2	
0	3.1	1.61		429.95633	0	2900.0116	0
0	15	0.21		59.993907	0	300.0012	0
0	10.4	0.96		399.95938	0	8200.0327	0
0	7.3	1.17		429.95633	0	51800.207	0
0	2.6		10	9.9989844	0	100.0004	14.5
0	2.7	0.11		169.98274	0	800.00319	0
0	13.3	1.39		459.95328	0	3200.0128	0
0.9	6.06	0.05		261.8258	0	664.12087	30.91
1.34	4.03	0.21		436.37633	0	1162.2115	32.87
13.27	5.17	0.004		0	0	0	8.98
1.03	8.13	0.17		218.18817	0	747.13598	36.33
1.79	15.1	0.14		436.37633	0	830.15109	33.43
6.77	1.86	0.008		0	0	0	12.13
1.79	15.13	0.33		480.01396	0	498.09065	38.54
7.77	0.9	0.021		0	0	83.015109	9.41
2.67	14.2	0.83		1265.4914	0	11041.009	0
3.89	10.4	0.92		1178.2161	0	11954.176	0
2.67	10.4	0.81		698.20213	0	9214.6771	0
9.44	18.5	0.7		1221.8537	0	8467.5411	32.4
8.02	21.9	0.94		1178.2161	0	11622.115	33.1
11.49	17.1	0.89		1178.2161	0	13116.387	31.1
3.66	13.1	0.82		872.75266	0	7222.3145	36.5
3.31	17.3	0.82		829.11503	0	4897.8914	34
3.2	16.2	0.82		960.02793	0	4897.8914	34
3.36	15.9	0.72		872.75266	0	3320.6044	37
3.28	10.7	1		1047.3032	0	13199.402	36.2
3.42	11.9	0.75		1221.8537	0	5728.0425	33.8
2.95	7.3	1.21		1396.4043	0	9463.7224	35.2
3	14.8	1.04		1440.0419	0	14527.644	31.9
3.43	8.1	1.21		1265.4914	0	8965.6317	32.7
4.97	0				140		10
1.76	0				40		18

2.48	0	330	34
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0	38	0	0
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5.08	0	280	2
1.89	0	110	26
1.58	0	50	28
1.31	0	210	37
2.41	0	150	16
0.89	0	20	20
1.91	0	150	16
6.4	0	70	2
4.79	0	250	12
5.53	0	250	9
0.95	24	161	9
0.75	31	429	8
1.08	23	111	6
1.45	43	309	13
0	28	0	5
0	37	0	13
0.94	47	172	4
4.9	-1	381	5
0.75	20	200	7
0.61	31	137	-2
0.14	32	93	4
0.7	22	90	8
0.89	24	71	3
1.25	28	292	15
0.79	23	88	3
1.6	26	53	15
1.29	32	93	9
3.51	3	83	2
0	17	58	19
2.95	28	71	20
1.53	44	51	8

2.32	44	52	10
0.73	29	199	6
1.76	99	70	8
1.13	22	165	10
0.9	16	171	8
2.96	41	127	5
2.44	49	66	8
1.64	47	46	9
1.61	30	44	7
0.93	30	79	7
1.93	58	56	7
0.67	16	156	11
2.29	52	0	23
0.95	9	26	2
2.16	50	190	18
1.38	29	328	8
0.83	26	60	10
1.36	31	0	6
1.46	22	264	9
0.63	17	58	3
0.96	43	0	7
1.67	28	0	6
0.84	27	0	4
1.09	41	0	9
0.81	21	0	4
0.8	18	0	4
1.67	19	82	17
1.43	25	0	11
1.77	31	37	17
1.82	25	0	19
1.93	29	0	23
0.96	26	0	8
1.12	49	0	10
1.19	24	0	8
1.11	31	69	7
0.96	31	0	9
1.1	41	56	3
1.87	26	0	18
1.07	44	0	5
2.44	33	0	23
1.53	33	0	16
1.29	32	0	9
1.42	30	140	17
1.1	25	0	6
3.12	56	0	27
2.13	50	0	11
2.55	8	45	5
1.15	22	0	7
0.8	15	0	7
5.28	23	0	4
5.91	21	0	4
1.49	82	102	6
1.8	95	0	6
1.51	31	290	14
1.59	41	0	15
1.35	48	814	15

0.96	36	387	15
0.75	40	92	4
0.81	51	71	3
6.68	7	245	4
1.39	78	61	7
5.11	13	0	3
0.83	54	0	3
0.67	25	46	3
0.72	42	168	6
5.59	38	195	4
1.21	23	53	3
2.04	22	0	5
0.82	51	0	5
1.37	120	0	2
1.07	46	52	2
1.1	32	124	8
0.9	86	86	4
2.19	28	0	21
1.18	35	0	4
1.25	21	60	3
1.32	31	57	4
1.3	42	46	3
1.23	62	123	4
1.13	46	45	-2
0.86	65	37	2
1.04	38	50	3
4.36	83	0	3
6.19	20	0	7
0.61	41	0	4
4.7	31	0	4
0.72	37	0	6
1.05	24	43	3
1.57	40	388	16
0.79	29	70	3
1.66	48	0	16
0.75	25	0	5
0.59	17	0	2
0.48	28	0	2
0.57	22	0	3
0.72	33	80	2
0.58	29	75	2
0.61	16	0	3
0.49	20	0	2
1.12	26	36	3
0.77	16	50	3
1.09	45	58	8
1.83	76	43	2
2.68	48	0	16
0.81	44	98	5
2.33	49	0	16
0.72	68	92	3
1.62	61	0	13
0.81	38	0	6
0.78	46	0	6
0.99	47	0	7
1.18	49	0	9

1.14	43	0	7
1	37	86	7
0.87	35	57	11
0.92	37	57	5
1.14	29	0	11
1.13	42	107	9
1.12	46	0	9
1.34	39	73	7
0.85	33	113	5
1.26	45	0	14
0.98	26	0	8
1.73	46	0	20
1.88	18	0	7
0.81	21	98	6
1	25	0	9
0.96	29	0	14
1.48	32	0	15
1.01	31	0	7
0.84	28	123	4
0.9	50	154	8
0.88	39	167	6
1.11	45	267	13
1.14	51	295	15
1.11	47	251	14
1.26	51	372	20
0.87	37	0	6
0.56	37	0	6
0.9	36	140	7
0.95	45	104	6
1.11	42	0	3
0.49	40	0	4
0.8	42	111	5
1.18	33	519	8
1.36	38	0	10
3.23	697	56	5
0.55	32	282	3
0.66	43	0	6
0.78	38	0	9
1.58	132	120	3
2.21	46	0	13
1.04	33	0	10
1.42	18	0	7
1.88	71	0	4
1.52	15	74	7
1.51	33	0	25
2.15	55	111	14
1.5	34	179	11
1.44	45	107	11
0.61	174	42	4
1.46	85	40	5
0.97	32	94	9
0.99	31	59	8
1.34	23	0	2
0.73	33	38	3
0.87	38	0	2
0.81	42	0	4

1.27	58	52	4
1.45	27	0	19
2.55	74	0	11
1.27	33	0	9
1.59	36	41	6
1.38	15	41	5
0.99	32	41	3
1.27	56	78	6
2.64	56	0	12
1.15	24	0	12
2.35	66	78	11
1.04	29	0	12
0.98	21	27	-2
1.09	34	0	6
0.23	51	350	6
0.92	25	0	6
2.13	484	38	3
1.76	25	55	3
1.11	40	96	7
1	30	154	7
1.61	46	169	12
1.11	25	143	7
1.09	32	54	8
0.92	31	76	9
1.21	24	78	8
2.09	27	57	19
1.07	36	203	12
2.26	28	63	22
1.7	36	203	12
2.63	23	56	22
1.1	54	110	7
0.55	29	101	4
0.91	32	107	6
1.16	26	0	10
0	27	0	4
0.84	48	0	4
1.88	21	0	41
1.01	92	0	6
0.82	59	0	6
0	217	0	12
0.72	48	0	5
0	33	0	3
0	35	0	7
0	48	0	4
0	52	0	5
1.19	25	0	6
2.63	26	0	10
1.81	22	0	8
0	48	0	7
0	31	0	8
1.23	34	0	10
0	43	0	12
0	26	0	8
0	38	0	12
0	45	0	8
0	23	0	9

0	20	0	4
0	29	0	6
0	49	0	6
0.66	34	0	6
1.06	41	0	13
0	43	0	5
0.58	40	0	5
0	27	0	5
0	15	0	4
0	44	0	8
0	38	0	13
0	15	0	6
0.67	42	0	8
0	42	0	7
0	31	0	10
0	12	0	2
0	32	0	32
0	28	0	4
0	37	0	4
1.03	30	0	4
0.94	27	0	4
0	26	0	28
0	108	0	32
0.54	32	0	4
0	27	0	6
0	30	0	5
1.56	28	0	32
0.76	24	0	5
0.93	22	0	5
1.22	25	0	21
0.96	23	0	7
1.35	23	0	7
0.97	24	58	3
1.03	34	71	5
1.28	32	0	7
0.87	32	199	6
0.88	26	116	8
0.96	15	82	6
1.46	14	43	6
0	26	0	13
1	28	334	6
0	31	0	10
1.37	26	90	7
0.98	39	287	9
0.89	23	109	3
1.07	22	0	14
2.42	39	79	7
2.23	39	0	24
1.07	25	0	7
1.2	25	0	16
1.08	13	0	16
0.9	27	0	14
1.2	24	0	18
1.09	30	0	14
0.42	39	0	4
0.29	50	0	2

0.6	48	0	4
0.74	22	0	6
0	68	0	7
1.07	54	0	8
0.64	54	0	7
0.7	71	0	8
0.98	80	0	9
0.84	73	0	7
1.2	281	0	0
2.23	62	0	0
2.91	23	166	5
1.78	7	53	3
0.59	8	29	-3
1.38	47	65	6
1.17	32	133	10
0.73	40	88	4
1.3	38	213	14
3.95	15	227	21
2.56	16	51	3
1.04	17	96	6
2.6	23	110	5
0.96	23	121	8
0.8	30	109	6
2.17	47	80	15
1.94	48	119	17
0.86	13	210	8
1.53	37	543	14
1.18	46	57	4
0.97	46	72	4
0.86	45	76	6
0.64	64	83	3
0.91	43	106	8
1.07	45	99	10
0.74	42	277	7
1.05	42	102	8
0.89	37	60	6
1.17	62	49	4
0.75	29	82	7
0.9	50	98	4
0.91	30	109	9
3.23	124	98	6
1.3	30	129	9
1.45	35	205	17
1.53	42	68	11
1.76	44	81	12
0.74	41	91	4
0.93	28	443	12
0.92	46	115	8
0.89	66	207	4
0.66	62	93	3
1.13	32	62	6
2.01	51	104	9
0.92	47	199	6
0.65	52	104	3
0.72	43	137	5
1.04	44	71	8

0.91	84	80	5
3.25	15	226	4
0.82	54	75	4
0.67	39	137	6
2.09	16	85	9
0.95	20	118	14
2.76	22	139	10
1.06	26	162	14
1.06	45	111	11
2.04	36	56	7
1.12	30	87	7
1.05	32	127	13
1.12	41	91	8
4.75	36	229	3
1.91	36	234	15
0.99	39	346	15
0.62	37	121	7
0.65	49	86	4
4.08	44	282	-3
3.63	32	269	-3
1.99	57	0	11
0.97	19	0	8
1.18	26	0	15
2.48	47	0	10
0.68	39	0	4
0.92	3544	0	8
2.37	17	0	9
4.03	32	0	11
3.11	21	0	4
4.44	19	0	9
0.69	32	0	6
3.95	40	0	5
0.49	41	0	4
0.72	37	0	7
0.63	37	0	5
0.81	34	0	9
0	42	0	5
0.69	69	0	4
1.07	42	0	14
1.06	35	0	13
0.69	25	0	11
1.36	10	0	38
0.78	8	0	3
0.65	14	0	5
0.86	17	0	5
0.9	10	0	5
0.64	5	0	4
0.57	9	0	8
0.89	18	0	9
0.78	8	0	7
0.3	0	0	2
0.35	0	0	4
4.26	6	50	2
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0	29	0	0
0	14	0	0
0	11	0	0
0	46	0	0
1.21	21	0	0
0	59	0	0
0	44	0	0
0	28	0	0
0	38	0	0
4.09	47	0	35
1.27	49	72	7
1.06	94	0	6
1.14	104	73	5
1.69	44	0	17
0.77	40	0	8
0	24	0	25
0.95	29	124	6

0.94	23	0	8
1.01	32	89	6
1.02	59	0	0
4.4	20	305	3
0.65	22	229	6
2.11	0	0	9
0.85	0	80	2
0.69	0	460	4
0.56	0	470	7
0.67	0	50	4
0.83	0	460	5
1.51	0	720	23
2.34	0	100	27
1.91	0	60	26
0	0	0	6
0.67	39	30	6
0	0	0	8
0	0	0	10
0	0	0	29
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0.48	0	35	2
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0.69	0	65	10
0	0	0	11
0.9	81	70	4
0.87	0	0	4
0.64	0	0	8
0.83	0	0	8
0	0	0	0

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0.77	0	0	4
0.86	0	25	6
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1.13	0	0	8
0.68	0	0	4
0.81	0	0	4
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0.74	0	0	4
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0.81	0	0	4
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0.61	96	0	6
1.04	0	120	6
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0.93	0	0	6
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0.9	0	150	4
0.87	0	190	4
0.79	0	175	4
1.3	0	30	4
0.73	0	0	2
0.72	0	0	6
0.66	0	0	6
0.73	0	0	4
0.8	0	0	6
0.71	14	720	28
1.04	0	0	6
0.69	0	0	6
0.41	0	0	6
0.8	0	0	6
0.63	0	0	6
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0.75	0	0	4
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0.53	30	25	4
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0.78	0	45	4
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0	0	0	12
0.65	0	165	9
0.8	0	160	9
0	0	0	6
0	0	0	7
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0	0	0	5
0	0	0	4
1.08	0	0	14
0.64	0	35	5
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2.73	0	0	14
2.67	0	0	4
1.82	0	0	-1
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0	55	0	4
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0.68	0	0	2
0.68	0	0	2
1.61	0	0	10
1.92	0	0	12
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0.8	0	0	11
0.4	0	0	6
1.05	0	0	4
1.25	0	0	7
0.36	0	0	6
0.57	0	0	5
0.84	0	0	6
0.84	0	0	5
1.92	0	0	10
0.32	0	0	4
2.1	0	0	13
1.41	0	0	9
2.01	0	0	15
0.66	0	0	5
0.78	0	0	5
0.74	0	0	3
0.88	0	0	4
0.78	0	0	9
0.56	0	0	4
2.24	0	0	8
0.97	0	0	5
0.79	0	0	6
0.79	0	0	5
0.67	0	0	4
1.09	0	0	4
0.27	0	0	6
0.26	0	0	6
0.44	0	0	4
0.7	0	0	6
0.07	0	0	-2
0.39	0	0	2
0.39	0	0	8
0.32	0	0	2
0.74	5	0	2
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0.3	0	0	2
0.52	0	0	4
0.48	0	0	4
0.37	15	0	8
0.47	5	0	6
0.32	0	0	2
0.34	0	0	-2
0.29	0	0	-2

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0.31	0	0	4
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0.97	0	0	10
0.41	0	0	4
0.36	0	0	2
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0.69	0	0	6
0.55	0	0	4
0.32	0	0	-2
1.24	13	40	6
0.78	14	75	36
0.45	14	15	4
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0.41	27	300	2
0.57	17	270	14
-0.01	6	30	36
1.81	6	-5	2
14.09	0	0	10
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0.5	0	0	6
0.8	0	0	5
2.2	0	0	7
0.4	0	0	-2
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0.7	0	0	3
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0.5	0	0	4
0.9	0	0	8
0.5	0	0	9
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0.6	0	0	3
0.6	0	0	3
1.7	0	0	8
0.6	0	0	2
0.8	0	0	4
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0.4	0	0	6
0.3	0	0	6
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0.4	0	0	6
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0.3	0	0	6
0.3	0	0	14
0.4	0	0	14
0.3	0	0	9
0.2	0	0	7
0	0	75	16

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3.6	0	0	8	
2.71	0	150	9	
1.13	0	95	13	
0.78	0	70	5	
2.62	0	65	13	
3.83	0	60	13	
2.41	0	80	5	
2.67	0	110	8	
2.49	0	120	8	
4.9	36	0	38.45	
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1.8	23	207	24	
1.07	64	0	6	
0.56	182	0	4	
1.24	47	0	12	
2.15	16	0	32	
0.87	33	0	7	
1.09	30	0	14	
0.93	9	0	3	
0.54	7	0	3	
1.15	29	0	15	
0.96	38	0	5	
0.88	41	0	6	
6.49	42	0	13	
1.51	43	0	3	
1.5	36	0	4	
2.36	22	0	50	
1.19	4	0	49	
1.25	26	0	11	
1.48	42	0	7	
0.84	15	0	6	
1.82	25	0	31	
1.13	64	0	14	
1.03	52	0	4	
0.89	32	0	9	

1.05	87	0	10		
1.07	29	0	7		
2.26	25	0	28		
1.12	22	0	17		
1.01	57	0	4		
1.47	39	0	9		
2.68	72	0	4		
3.53	27	0	8		
1.95	54	0	16		
1.17	9	0	2		
1.81	40	0	-1		
0.63	3	0	-1		
2.05	36	0	4		
0.48	8	0	2		
2.35	8	0	2		
2.23	27	0	1		
1.55	30	0	3		
2.71	15	0	3		
2.84	26	0	2		
1.45	12	0	2		
6.42	30	0	10		
2.01	21	0	1		
1.96	27	0	1		
2.03	4	130.9129	2	1245.2266	959.17511
2.03	4	0	2		
1.03	78	0	10		
1.04	73	0	5		
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0.86	123	0	4		
1.32	62	0	18		
1.34	69	0	16		
0.78	63	0	4		
1.4	81	0	16		
0.74	38	0	8		
2.74	58	0	10		
1.11	47	0	9		
0.7	53	0	7		
4.35	85	0	10		
0.97	40	0	6		
0.83	72	0	8		
0.84	84	0	2		
1.26	85	0	10		
1.04	33	0	10		
0.95	114	0	2		
0.85	74	0	4		
1.09	59	0	13		
0.79	59	0	5		
0.7	18	0	4		
0.94	17	0	3		
0.88	117	0	10		
1.07	56	0	2		
0.82	49	0	2		
1.3	98	0	15		
0.9	53	0	3		
1	55	0	7		
1.65	22	0	11		

1.18	15	0	2
1.63	22	0	6
1.14	33	0	9
0.68	21	0	4
1.03	14	0	5
0.95	54	0	2
0.8	53	0	7
0.9	64	0	5
0.57	16	0	3
0.92	75	0	3
0.67	58	0	6
1.23	30	0	7
0.79	17	0	4
1.4	49	0	13
1.28	67	0	11
1.04	15	0	4
2.45	31	0	16
1.1	154	0	15
0.79	56	0	9
1.58	20	0	11
1.16	27	0	8
1.23	55	0	8
0.8	31	0	3
0.91	60	0	3
1.53	45	0	19
1.55	74	0	11
1.4	45	0	24
1.21	38	0	5
0.89	57	0	4
1.08	50	0	11
0.84	54	0	3
0.97	58	0	7
1.27	43	0	7
1.13	48	0	7
1.01	50	0	8
0.69	27	250	6
1.05	16	110	24
1.07	34	0	8
1.17	35	0	16
0.69	3	0	5
1.38	17	0	13
1.28	18	0	1
1.71	22	0	8
1.32	13	0	2
1.47	53	0	3
1.69	26	0	8
1.58	14	0	3
1.04	15	0	8
1.44	32	0	15
0.6	36	0	6
0.95	87	0	10
0.98	34	0	20
0.8	49	0	8
1.45	0	145	16
0.46	0	40	4
0.68	0	65	10

1.7	0		0		4	
3.23	0		0		4	
1.6	0		0		4	
1.9	0		0		4	
0.72	0		0		6	
2.12	0		0		4	
1.79	0		0		4	
1.05	0		0		24	
1.92	0		0		4	
0.63	0		0		42	
2.05	24		110		14	
0.82	66		110		8	
0	5	567.28923	0	42337.705	0	3297.1644
0	10	785.4774	0	90486.469	0	3417.0613
0	10	523.6516	0	62095.301	0	2757.6284
4.5	0	2225.5193	0	14776.689	0	19183.502
6.9	0	30109.967	0	3901.7101	0	18464.121
7.1	0	829.11503	0	1743.3173	0	10670.823
9.05	0	741.83976	0	2241.4079	0	8872.3698
12.2	0	5498.3418	0	16270.961	0	7433.6071
0	15	7112.9342	0	18678.399	0	11510.101
0	15	610.92686	0	37688.859	0	2757.6284
0	10	698.20213	0	32126.847	0	3057.3707
0	10	654.5645	0	31047.651	0	2637.7316
0	10	1003.6656	0	49975.095	0	5095.6178
0	5	698.20213	0	37854.89	0	3057.3707
0	10	2705.5333	0	42503.736	0	13908.039
0	35	523.6516	0	33206.044	0	3177.2675
0	25	436.37633	0	36111.572	0	2098.1956
18.95	0	1963.6935	0	33787.149	16.9	9891.4933
4.66	0	480.01396	0	44496.098	8.1	3596.9067
11.02	0	3316.4601	0	25900.714	14.6	11390.204
23.98	0	3229.1848	0	35032.376	13.5	9411.9058
1045	0	2007.3311	0	28972.273	23	15766.441
10.45	0	2007.3311	0	28972.273	23.8	15766.441
11.33	0	1483.6795	0	3320.6044	25	20082.729
33.38	0	916.39029	0	12618.297	0	4795.8755
3.44					26	
6.31					30	
3.59					30	
5.18					39	
10.52					45	
5.05					30	
4.56					40	
1.42					50	
4.67					50	
6.11					51	
3.41					32	
3.79					40	
7					44	
5.52					40	
3.42					42	
4.67					39	
4.96					38	
2.79					41	
4.03					45	

4.14				49	
4.9				42	
6.06				41	
3.63				43	
5.82				35	
1.41				40	
3.21				40	
4	0	741.83976	0	6226.1332	0
3.26	0	829.11503	0	12452.266	0
3.66	0	2312.7946	0	17931.263	0
4.4	0	1527.3172	0	4067.7403	0
0	0		0		29
0	0		0		28
0.63	0		70		10
					11390.204
					11090.462
					13908.039
					15346.802

V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As_
150	220	60	310	5	78	20		0
240	130	94	100	7.2	240	20		0
260	320	76	310	19	130	17		4
0	145	0	150	370	82	0		0
0	170	0	175	11	120	0		0
0	190	0	150	480	110	0		0
8	-10	80	-1	10	0	16		12
2	-10	80	4	5	17	17		4
0	260	0	48	0	0	0		0
0	263	0	73	0	0	0		0
0	164	0	69	0	0	0		0
0	327	0	0	0	0	0		0
0	51	0	0	0	0	0		0
120	0	20	30	22	64	17		0
130	20	0	12	25	68	19		3
105	120	20	6	35	60	19		0
230	40	0	13	45	81	17		-1
210	30	0	12	40	79	19		-1
160	20	0	8	30	83	19		2
180	20	0	9	30	74	19		2
339	80	40	25	113	100	0		0
106	110	37	48	0	129	0		0
282	195	47	53	109	137	0		0
343	268	52	78	8	94	0		0
158	285	55	132	541	102	0		0
89	87	27	27	11	112	0		0
268	463	44	164	61	101	0		0
122	105	16	21	20	101	0		0
389	197	50	87	24	108	0		0
321	547	62	146	58	69	0		0
135	114	25	37	34	108	0		0
27	4	43	1	252	69	0		0
309	204	57	112	80	114	0		0
106	92	22	26	20	136	0		0
304	207	47	60	43	111	0		0
399	413	48	147	405	184	0		0
210	68	33	42	4	159	0		0
165	98	43	33	630	251	0		0
215	173	101	90	174	254	0		0
218	148	66	58	205	181	0		0
314	464	60	188	46	169	0		0
135	97	38	33	618	212	0		0
137	102	32	46	588	191	0		0
150	77	19	-5	94	77	21		0
155	75	20	-5	73	95	21		0
0	0	0	0	0	0	0		0
400	710	55	540	25	80	18		0
34	1420	85	2115	7	35	-1		0
300	490	45	245	60	70	15		0
280	155	39	55	70	65	19		0
335	280	40	150	25	75	20		0
230	400	28	150	40	75	17		0
270	380	37	85	50	60	15		0

360	540	37	475	29	60	20	0
210	260	40	65	55	70	13	0
280	290	40	110	50	80	11	0
360	390	45	325	21	95	19	0
24	245	9	220	11	19	13	0
300	380	45	180	24	95	14	0
300	90	26	75	5	90	16	0
110	150	20	33	50	100	21	0
90	120	20	36	25	110	20	0
140	90	10	5	35	48	19	0
120	170	20	55	40	115	26	0
115	210	30	37	30	120	19	0
290	330	40	75	50	70	11	0
115	140	10	15	60	75	20	0
115	120	20	35	35	135	21	0
200	450	50	225	160	55	12	0
100	155	20	38	60	110	22	0
80	130	20	35	20	90	17	0
80	150	20	29	15	80	14	0
135	160	30	55	55	135	27	0
70	230	20	28	25	70	13	0
26	1100	70	1800	15	0	-1	1
170	90	24	-5	89	81	18	0
110	93	17	-5	25	69	17	0
200	110	28	15	64	81	17	0
16	130	-10	1	-5	37	16	0
305	80	30	15	95	95	21	0
185	70	20	3	15	130	24	0
335	90	40	24	20	100	17	0
260	110	30	14	25	90	20	0
420	60	40	10	10	110	22	0
165	80	20	4	30	80	20	0
480	80	40	17	20	90	22	0
65	190	-10	6	25	60	17	0
155	1020	100	725	180	70	9	0
330	310	50	100	90	95	18	0
190	1930	90	620	75	70	9	0
340	110	50	85	55	105	20	0
300	260	50	105	55	95	14	0
4	170	-10	-1	-5	55	19	0
210	2480	70	510	10	65	8	0
155	20	30	1	-5	135	20	0
280	1030	80	360	75	95	14	0
4	60	-10	-1	-5	50	13	0
240	1840	70	430	70	80	10	0
9	110	9	-1	3	69	14	0
75	230	10	6	15	55	16	0
225	300	40	75	55	80	14	0
85	210	20	31	20	85	18	0
90	80	20	-1	15	40	14	0
235	130	30	14	50	85	19	0
65	200	10	21	25	70	17	0
125	480	30	145	35	65	15	0
55	130	20	2	5	55	16	0
48	200	20	19	15	33	14	0
10	130	-10	-1	-5	20	13	0

10	130	-10	-1	-5	37	14	0
310	144	66	54	100	0	16	2
203	287	106	31.5	60.3	0	10.4	12
330	284	112	16	62	0	17	2
245	415	98	76.3	69.1	0	13.1	0
110	112	62	30	58	0	7	1
268	350	134	58	92	0	14	2
234	211	75.7	139	46	0	12.5	3
260	178	52	54	64	0	13	0
268	219	50.6	144	40.8	0	30	0
156	224	76	40	82	0	11	1
256	444	142	80	94	0	16	5
278	266	66	34	68	0	21	0
382	212	144	8	82	0	16	1
443	152	90	54.8	25.2	0	24	5
216	450	154	100	76	0	14	0
290	284	84	44	92	0	15	0
258	274	98	52	62	0	16	0
218	335	89	103	53.1	0	12.4	0
211	138	42.1	93.1	31.4	0	11.3	0
155	170	21	160	36	80	19	0
130	190	19	145	36	60	17	0
175	225	24	395	82	70	17	0
94	-10	0	12	45	55	17	2
32	100	-10	1	20	55	15	0
140	120	20	9	30	75	19	0
125	100	10	3	30	55	15	0
210	80	20	8	75	100	20	0
110	120	20	8	35	70	17	0
100	12	0	12	45	57	17	2
48	140	10	5	20	50	16	0
120	210	30	275	35	65	19	0
96	-10	0	10	30	49	17	2
110	100	20	8	50	60	17	0
55	140	-10	6	20	39	16	0
75	130	10	6	10	55	16	0
170	110	20	14	50	70	18	0
190	140	20	17	80	75	18	0
205	110	30	19	75	80	20	0
110	100	10	7	40	55	17	0
155	120	20	8	15	70	18	0
140	130	20	12	25	75	18	0
195	90	20	14	50	100	22	0
120	120	20	10	35	70	19	0
75	130	10	5	10	46	16	0
55	150	-10	3	5	50	18	0
65	140	10	5	10	48	17	0
75	160	10	4	15	55	17	0
105	130	20	10	25	70	18	0
65	110	10	5	25	55	17	0
30	110	-10	2	10	44	17	0
65	150	10	6	15	60	17	0
120	130	20	10	15	75	18	0
48	140	-10	4	10	38	15	0
95	110	10	10	120	60	17	0
2	180	-10	2	5	20	14	0

115	120	20	6	20	75	15	0
135	130	20	9	30	75	19	0
120	130	10	10	20	65	18	0
75	140	10	7	20	60	17	0
105	130	10	8	35	60	18	0
125	110	20	8	25	65	17	0
145	130	20	9	15	75	18	0
125	110	10	8	45	60	17	0
105	130	10	6	35	60	16	0
18	120	-10	3	-5	25	13	0
220	80	20	12	110	26	20	0
105	70	10	5	55	85	21	0
105	100	10	8	40	75	19	0
70	140	10	7	10	44	14	0
120	120	10	10	45	65	18	0
140	130	20	11	30	70	19	0
8	260	10	215	-5	8	12	0
105	150	20	225	20	65	18	0
60	180	20	190	15	55	17	0
95	160	30	165	10	85	20	0
90	150	20	165	15	60	19	0
110	220	30	285	20	60	18	0
45	150	-10	6	5	35	15	0
0	0	0	0	0	0	0	0
115	30	20	3	330	145	20	0
50	50	-10	1	-5	70	21	0
100	100	10	6	270	45	17	0
105	170	20	10	50	80	19	0
0	0	0	0	0	0	0	0
125	80	20	6	40	50	18	0
110	70	20	7	65	60	18	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
220	120	20	10	75	75	18	0
0	0	0	0	0	0	0	0
70	30	70	10	20	75	22	-1
70	130	20	7	20	80	20	-1
46	20	70	7	15	60	20	-1
42	120	10	4	15	70	18	2
150	160	50	130	45	53	14	2
190	240	60	120	50	78	18	-1
210	700	60	240	20	45	0	4
220	780	90	550	140	80	0	82
370	290	80	110	50	100	19	-1
260	380	0	110	140	94	15	2
22	440	-10	310	15	23	4	0
24	30	-10	225	10	29	7	0
55	170	20	145	10	49	11	0
32	160	10	145	10	32	8	0
150	24	36	22	42	90	19	0
140	20	52	20	180	68	17	0
165	24	38	15	38	82	19	0
155	34	38	18	24	75	18	0
135	54	40	14	30	96	20	0
165	44	35	18	4	84	16	2
160	38	44	18	44	84	19	0

260	155	36	74	38	115	21	2
270	150	34	65	84	125	21	0
0	6	18	10	280	35	20	7
390	30	38	28	62	75	19	0
370	10	30	16	22	84	20	0
370	10	32	15	28	68	21	0
430	12	37	22	45	110	20	0
0	50	50	0	50	0	0	0
0	30	30	0	150	20	0	0
0	30	50	0	30	30	0	0
0	200	50	100	100	0	0	0
0	14	26	4	44	22	0	4
0	38	26	60	95	44	0	10
270	125	64	115	35	190	28	82
230	15	40	40	25	120	35	14
210	85	42	74	38	180	25	8
290	105	54	82	32	130	24	42
10	12	12	26	18	155	34	0
310	115	44	90	62	105	24	2
280	105	40	85	64	86	20	3
7	1	0	-1	2	31	17	6
10	-10	0	-10	-5	12	15	0
13	-2	4	1	6	96	14	1
-1	-10	50	-10	15	80	22	0
175	120	15	-5	5	67	16	0
4	125	5	-5	1	66	15	0
58	77	12	-5	5	45	17	0
14	97	8	-5	5	64	16	0
13	105	9	-5	2	18	14	0
12	160	6	-5	2	24	14	0
17	70	8	-5	7	84	18	0
3	73	5	-5	3	48	17	0
3	110	5	-5	8	19	16	0
5	105	8	-5	4	53	14	0
240	90	25	7	97	77	17	0
90	275	49	50	62	45	13	0
60	125	14	-5	4	52	15	0
190	28	21	8	13	70	16	0
11	-10	80	-10	-5	28	16	0
1	-10	70	-10	-5	2	13	0
164	13	0	10	31	85	21	0
229	11	0	10	20	90	21	0
124	16	0	8	10	61	18	0
10	1	0	0	2	10	11	0
160	0	0	0	5	0	21	0
31	0	0	0	12	0	16	0
510	60	40	20	160	90	23	0
5	-10	100	-10	-5	40	13	0
210	110	40	60	30	100	17	0
-1	-10	40	-10	-5	80	24	0
23	-10	60	-10	-5	45	16	0
195	-10	40	-10	15	85	20	0
42	-10	40	-10	-5	75	19	0
17	-11	80	-11	-5	36	14	0
13	-11	90	-11	-5	37	14	0
4	10	110	-10	5	27	13	0

36	-10	80	-10	20	60	15	0
6	-10	90	-10	-5	19	13	0
210	190	0	140	70	83	19	3
4	-10	100	-10	-5	21	14	0
355	110	60	50	165	90	17	0
355	230	60	80	265	94	20	0
95	0	20	-10	65	78	15	0
255	390	70	80	90	105	10	0
355	-10	40	-10	115	105	17	0
405	200	40	50	19	140	0	0
385	200	50	50	13	135	0	0
265	470	30	80	1	135	0	0
210	170	40	80	65	90	0	0
100	140	0	40	38	48	0	0
382	100	0	-20	100	87	0	0
73	240	0	-20	12	69	0	0
250	520	0	80	66	62	0	0
46	160	0	-20	-10	20	0	0
6	125	7	-5	11	37	16	0
111	380	0	-20	14	52	0	0
354	240	0	40	64	83	0	0
296	500	0	80	152	75	0	0
3	115	7	-5	6	26	17	0
4	120	-10	2	5	32	17	4
2	180	-10	4	-5	45	20	4
16	170	-10	4	5	55	18	4
106	130	20	6	10	60	17	2
4	260	-10	3	5	11	18	3
4	180	10	4	-5	30	16	3
8	180	-10	2	-5	40	17	2
8	170	-10	1	-5	46	16	3
12	170	-10	3	-5	32	16	4
12	170	-10	3	-5	32	16	4
12	180	-10	2	-5	65	17	3
12	130	-10	1	-5	45	17	3
10	170	-10	3	-5	48	17	3
-2	160	-10	2	-5	26	18	3
16	170	10	4	5	45	15	3
28	140	10	5	5	40	16	12
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4	160	-10	3	-5	34	18	3
4	180	-10	2	-5	55	19	4
114	110	20	3	15	65	17	2
10	140	-10	2	5	55	18	2
-2	160	-10	3	-5	65	20	3
88	160	20	6	10	70	16	3
10	140	-10	1	-5	42	13	2
0	0	18	14	16	57	17	0
0	0	6	0	2	18	13	0
0	0	6	3	2	32	17	0
0	0	4	3	2	41	21	0
0	0	4	0	2	40	16	0
0	0	5	0	3	41	18	0
21	3	6	-2	4	37	16	0
28	3	7	-2	5	41	17	0
36	0	7	2	12	30	18	0

66	11	10	5	8	74	20	0
-2	-1	4	-1	-1	120	22	0
16	1	6	-1	-1	34	21	0
11	3	5	1	-1	38	20	0
13	1	4	-1	-1	99	23	1
-2	-1	3	-1	1	40	22	3
12	-1	4	-1	-1	113	24	0
15	-1	4	-1	-1	124	24	0
21	-1	5	-1	-1	81	21	0
6	-1	4	-1	2	31	17	1
13	1	7	-1	6	93	20	4
17	2	8	2	4	95	20	2
3	-1	3	-1	2	21	22	0
13	2	4	-1	-1	23	17	0
26	4	7	2	3	34	19	2
11	1	2	-1	-1	34	18	0
-2	2	-2	-1	1	74	22	0
140	70	0	22	330	170	10	18
140	110	0	28	35	56	14	4
117.7	27.1	24.4	4.3	36.9	85.4		0
309.7	32.8	19.8	31.4	196.7	84.3		6.27
48	0	15.7	2.6	24.9	91.4		7.71
219.3	0	19	0	115.9	39.3		1.5
30	8	0	6	4	26	18	0
51.7	0	10.4	0.7	12.7	73.2		1.98
446.5	6.9	38.2	9.3	80.2	109		7.04
9.8	0	29.7	18.4	0	29.4		0
166.7	181.5	29.1	47.2	15.8	31.3		0
7.6	6.4	28	5.3	0	21		2.93
6.1	0	36.3	11.3	2.4	26.9		0
6.2	1	16.2	9.2	0.9	8.5		0
319.3	7.6	32.2	13	123.7	129.5		4.56
64.5	2.3	22.1	0.3	48.4	64.7		5.78
277.3	232.8	34.7	54.4	99.4	58.9		3.02
315.6	94.4	40.4	45	95.8	99.7		2.54
272	0.5	28.8	6.7	214	88.4		0.36
184.6	43.9	27.1	10.8	100.9	98.1		7.16
153.9	0.8	21.9	0	116.5	75.1		2.26
283.5	3.8	25.8	1.8	121.6	164.7		2.82
77.5	0	19.9	0	16.1	63.8		0
222.4	142	34.4	44	95.6	68.3		8.65
186.5	71	24.1	30.8	88.7	114.1		5.38
191	27.5	33.5	19.6	71.6	79		3.78
362.1	70.9		35	231	98		
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285.2	73.1		33	194	101		
253.9	3.9		9	135	110		
202.3	55.3		14	77	86		
351.2	17.9		11	166	98		
424.83	14.82		13.02	117.54	128.02		
171.42	276.88		56.6	160.86	57.9		
336.32	3.66		9.84	179.99	105.54		
355.08	19.74		17.85	152.87	102.47		
282.78	43.97		23.45	78.1	60.62		
398.68	486.94		64.93	147.33	104.24		

147.1	3.8		4	29	79		
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251.78	35.1		12.25	59.01	104.84		
221.79	12.17		11.53	117.99	94.18		
213.79	8.01		8.75	106.11	93.99		
277.53	12.69		13.64	125.71	71.05		
78.04	3.11		2.49	29.54	74.2		
167.26	17.4		8.54	95.33	87.32		
86.36	3.44		1.77	18.25	68.63		
321.1	29.1		18.88	92.16	88.05		
490.16	20.72		24.65	103.62	81.15		
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					2.65		
					0.18		
					1.13		
					5.4		
					0.29		
16.3				100	0.02		
				6000	52100		
				2100	40100		
				3600	35400		
				300	3700		
				0	900		
				700	6100		
				1500	5900		
					0.01		
4.5	3.6				0.01		
4.2					0.01		
				400	2000		
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					0.9		
					1.17		
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					0.75		
					0.58		
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3.4					0.01		
3.7					0.04		
					7.56		
3.7					0.01		
3.5					0.01		
				100	0.4		
3.5					0.01		
					2.9		
					5.8		
					0.65		
					0.54		
					1.21		
				200	0.5		
					0.36		
4.1					0.01		

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		1
		4.46
3.7	900	0.01
		0.7
	100	1.4
	100	3.39
		3.1
	200	7.09
	0	101000
		1.05
		0.32
		0.76
		1.4
		1.96
		0.44
		0.41
		0.39
60.7	100	0
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	0	100
16.6	200	0.03
14.6	200	0.05
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	1610000	
	340000	15.2
	460000	97
	310000	24.4
	350000	14.9
	370000	21.3
	290000	12.1
	280000	14.3
17.3		0.03
8.9	1200	1.25
4.1	300	0.54
4.4	3200	0.49
	3600	326000
	7800	328000
	50900	266000
	6200	32100
	7500	23800
	18400	32000
	4600	9500
	6100	30600
	900	8900
	5700	74700
	2400	9400
	12500	101000
	4500	28000
	1800	19600
	5300	44800
	9700	45800
	3400	32500
	1800	47600
	1600	85600

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3.4				100	0.06		
3.4				300	0.09		
				800	1100		
3.2				200	0.12		
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197	39		46	1,273	1,604		6
121	20		108	4.44%	15.30%		50
40	ND		ND	55	145		ND
82	14	0	6	4	92	0	0
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95	24	0	9	13	44	0	0
3	3	0	3	2	23	0	0
278	67	0	32	52	93	0	0
4	2	0	1	0	0	0	0
284	66	0	28	85	63	0	0
396	2	0	8	0	0	0	0
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4	1	0	1	25	57	0	0
318	39	0	34	27	95	0	0
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9	2	0	3	5	521	0	0
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237	478	0	80	164	68	0	0
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0	60	0	29	13	113	0	0
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0	0	0	0	0	0	0	0
30	11	0	3	40	34	13	2
30	11	0	3	40	34	13	2
10	4	0	0	2	31	3	3
10	4	0	-1	2	31	3	3
390	262	0	113	9	141	19	22
390	262	0	113	9	141	19	22
106	68	0	2	3	15	31	2
106	68	0	2	3	15	31	2
35	27	0	2	5	24	18	8
35	27	0	2	5	24	18	8
71	51	0	9	16	10	9	8
71	51	0	9	16	10	9	8
76	91	0	22	57	73	18	46
76	91	0	22	57	73	18	46
25	20	0	12	5	25	2	3
25	20	0	12	5	25	2	3
11	2	0	4	7	11	0	0
11	2	0	4	7	11	-1	0
9	-1	-2	-1	-1	42	21	2
16	3	5	1	0	49	21	2
-2	-1	2	-1	-1	13	18	1
6	3	0	1	-1	32	18	0
11	1	0	1	-1	47	22	1
3	2	-2	2	-1	33	18	2
7	3	0	-1	-1	58	19	1
164	45	22	10	12	80	21	5
186	157	34	13	16	73	17	0
10	2	6	1	2	49	18	6
4	-1	0	2	-1	11	13	4
15	7	3	3	2	34	17	2
14	9	0	3	0	33	14	2
14	9	0	3	-1	33	14	2

166	106	16	46	34	216	21	46
166	106	16	46	34	216	21	46
80	58	18	48	29	108	21	30
80	58	18	48	29	108	21	30
211	316	23	43	10	76	19	5
211	316	23	43	10	76	19	5
94	67	6	13	20	92	6	20
94	67	6	13	20	92	6	20
175	115	21	39	28	123	21	7
175	115	21	39	28	123	21	7
170	104	15	32	29	131	22	8
170	104	15	32	29	131	22	8
337	124	40	85	36	205	19	16
337	124	40	85	36	205	19	16
71	94	11	27	23	48	12	9
71	94	11	27	23	48	12	9
152	97	21	34	14	87	21	48
152	97	21	34	14	87	21	48
139	23	7	21	5	12	0	2
139	23	7	21	5	12	-1	2
74	67	4	14	19	44	6	5
74	67	4	14	19	44	6	5
133	70	18	43	75	122	20	14
133	70	18	43	75	122	20	14
88	70	20	45	23	92	19	2
88	70	20	45	23	92	19	2
71	55	9	20	11	44	11	5
71	55	9	20	11	44	11	5
94	63	13	18	23	61	17	6
94	63	13	18	23	61	17	6
144	95	17	33	36	127	20	78
144	95	17	33	36	127	20	78
101	80	18	38	6	73	16	11
101	80	18	38	6	73	16	11
122	71	14	37	24	80	14	4
122	71	14	37	24	80	14	4
103	63	12	29	18	62	12	9
103	63	12	29	18	62	12	9
94	62	15	29	28	62	11	8
94	62	15	29	28	62	11	8
117	100	18	31	22	94	15	17
117	100	18	31	22	94	15	17
87	45	15	15	5	52	7	22
87	45	15	15	5	52	7	22
208	121	19	43	30	103	21	32
208	121	19	43	30	103	21	32
191	107	17	34	29	94	19	15
191	107	17	34	29	94	19	15
93	60	45	88	37	119	18	1
93	60	45	88	37	119	18	1
86	44	10	12	75	89	11	1
86	44	10	12	75	89	11	1
67	56	8	13	13	25	3	2
67	56	8	13	13	25	3	2
127	86	46	109	42	96	19	26
127	86	46	109	42	96	19	26

67	5	584	1079	0	315	2	2451
67	5	584	1079	-1	315	2	2451
256	18	696	731	107	523	0	1454
256	18	696	731	107	523	-1	1454
131	122	12	25	25	57	15	2
131	122	12	25	25	57	15	2
179	123	30	35	47	73	14	2
179	123	30	35	47	73	14	2
170	470	47	85	95	85	12	0
170	470	47	85	95	85	12	0
0	15	35	3	39	141	0	0
0	5	34	1	9	107	0	0
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0	0	0	0	0	0	20	0
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0	0	0	0	0	0	15	0
0	3	29	0	17	169	0	0
0	0	37	1	21	145	0	0
0	7	34	5	41	128	0	0
0	2	43	6	32	61	0	0
0	11	36	7	35	14	0	0
0	6	19	9	14	122	0	0
0	2	26	9	22	84	0	0
0	3	61	0	19	91	0	0
0	324	62	117	65	92	0	0
0	206	49	80	48	93	0	0
0	494	82	172	84	65	0	0
0	1	77	0	11	107	0	0
0	1433	112	1105	89	82	0	0
0	228	67	137	79	106	0	0
0	12	45	10	31	69	0	0
0	90	76	30	41	78	0	0
0	95	62	39	58	94	0	0
0	1698	105	1296	207	79	0	0
0	132	60	63	66	105	0	0
0	200	56	75	57	95	0	0
0	164	60	82	72	113	0	0
0	1	33	5	31	130	0	0
0	344	67	146	76	116	0	0
0	132	51	78	45	105	0	0
0	246	73	88	165	128	0	0
0	383	57	124	67	97	0	0
0	325	49	135	69	83	0	0
0	159	67	115	71	144	0	0
0	130	33	94	59	160	0	0
0	9	29	13	41	133	0	0
0	210	57	81	43	101	0	0

0	1	53	1	11	115	0		0
0	272	75	83	64	84	0		0
0	551	61	235	77	109	0		0
0	166	76	76	66	119	0		0
0	226	47	128	52	171	0		0
0	177	57	48	53	123	0		0
0	105	58	84	55	164	0		0
0	37	42	39	40	130	0		0
0	0	20	0	16	86	0		0
0	522	88	250	34	111	0		0
0	295	51	86	63	104	0		0
0	26	99	17	33	102	0		0
0	21	58	37	37	137	0		0
0	77	49	46	53	78	0		0
0	66	5	42	26	35	0		0
40	570	24	170	47	40	0		6
20	610	22	166	48	32	0		7
40	590	20	97	31	22	0		10
40	560	20	122	43	39	0		15
60	470	15	59	33	34	0		15
350	180	0	0	0	0	0		0
0	170	68	87	83	77	0		0
0	208	19	102	78	123	0		0
0	130	45	62	586	291	0		0
0	368	74	146	71	82	0		0
0	376	33	178	78	101	0		0
0	0	15	0	13	172	0		0
0	5	16	2	43	169	0		0
0	110	56	52	57	127	0		0
22	7	0	0	0	0	0		0
143.6	6.4	0	17.4	0	0	0		0
2	1.7	0	6.6	0	0	0		0
12.5	3.8	0	3.9	0	0	0		0
22.3	7.3	0	9.5	0	0	0		0
121.1	3.1	0	4.9	0	0	0		0
284.6	110.1	0	58	0	0	0		0
281.7	197.7	0	120.7	0	0	0		0
208.6	189.4	0	91.7	0	0	0		0
83.7	35.4	0	40.8	0	0	0		0
143.2	49.7	0	44.6	0	0	0		0
236.9	194.1	0	86.6	0	0	0		0
276.1	237	0	93.6	0	0	0		0
232.4	122.9	0	96.5	0	0	0		0
227.4	285.8	0	112.3	0	0	0		0
205	207	50.9	198	140	65	0		0
206	216	58.8	199	66	84	0		0
297	0	52.5	77	75	109	0		0
319	0	44.2	61	60	108	0		0
241	53	58.6	99	112	73	0		0
295	20	44.9	57	85	80	0		0
44	7	0	5	11	21	0		0
79	100	9.3	24	6.3	48	19.6	0.15	0.8
84	170	9.3	33	53.4	62	19.7	0.15	2.5
188	150	21.3	42	25.7	91	21.2	0.2	3.8
31	70	3.2	22	8.5	51	14.6	0.15	2
346	860	66.9	421	13.7	168	18.8	0.25	317

253	89	35.5	41	62	89	16		2
87	47	16.2	25	8	65	15		8
0	10	1.66	7	9	7	15		5
290	300	0	62	90	111	16		0
84	47	14	18	34	111	19		8
221	15	24	28	29	107	23		14
66	0	8.4	3.94	37	236	26		3
60	0	8.7	4.2	12	214	22		0
5	4	0	2	12	31	11		9
8	0	0	3.94	10.5	23.1	10		5
260	130	0	44.1	52.8	114	16		2
301	77	0	33.8	56.3	99.1	11		2
218	0	0	0	0	0	0		0
290	0	0	0	0	0	0		0
158	0	0	0	0	0	0		0
188	0	0	0	0	0	0		0
190	0	0	0	0	0	0		0
183	0	0	0	0	0	0		0
337	0	0	0	0	0	0		0
228	0	0	0	0	0	0		0
3	2	0	0	0	0	0		0
2	3	0	0	0	0	0		0
271	141	50	53	49	92	16.6		0
280	130	50	50	75	94	19.4		0
260	299	58	109	110	89	18		0
256	141	53	53	62	88	17.9		0
301	91	54	41	47	124	18.8		0
305	97	52	43	54	117	19.3		0
297	89	55	40	56	82	18.7		0
232	194	52	78	82	83	18.4		0
260	178	52	64	73	75	17.6		0
274	243	61	91	88	90	18.2		0
254	263	57	98	84	80	19.6		0
215	273	55	105	80	74	17.3		0
314	90	45	52	149	88	14.5		0
264	168	59	73	78	88	18.6		0
307	91	56	39	11	63	16.7		0
0	2	68	1	16	134	0		0
0	82	66	45	26	136	0		0
0	5	23	3	4	256	0		0
155	253	0	0	0	0	0		0
172	98	0	0	0	0	0		0
91	29	0	0	0	0	0		0
43	22	0	0	0	0	0		0
103	68	0	0	0	0	0		0
346	40	0	0	0	0	0		0
103	58	0	0	0	0	0		0
300	238	0	0	0	0	0		0
198	129	0	0	0	0	0		0
63	12	0	7	34	37	0		0
172	40	0	5	23	39	0		0
279	489	0	118	48	61	0		0
298	546	0	199	53	69	0		0
494	20	57.3	25.1	61.9	129	24.7	0.27	5.6
94	360	19.7	42.3	37	87	24.4	0.2	4.8
357	200	46.8	53.8	111	121	20	0.22	5.4

7	120	1.3	4.3	5.3	32	46.8	0.46	4.1
55	220	2.5	6.5	6.1	30	8.6	0.21	13.3
31	120	1.6	4.3	3.2	12	18.9	0.22	9
273	360	51.1	91.7	96.8	80	19.9	0.34	3.2
125	520	48.5	252	58.2	109	13.8	0.15	5.4
66	280	12.2	14.8	3460	267	7	0.13	4.5
31	390	14.6	25.7	2040	214	8.2	0.14	4.2
338	20	25	10.2	4020	168	20.9	0.2	15
55	260	63.7	28.9	2630	62	13.6	0.17	13.7
262	460	75	40.8	10000	36	16	0.39	160.5
181	580	361	82	10000	59	12.8	0.32	24.2
261	510	302	121	9930	109	19	0.5	27.5
34	290	82.6	12.1	10000	62	6	0.2	295
50	30	577	20	10000	3900	12.3	0.79	77.3
106	180	13.9	41.3	2290	120	25.6	0.24	80.5
78	150	25.7	20.2	2050	166	17.7	0.21	13
139	130	23.1	43.8	242	273	29.3	0.25	16.8
128	130	20.2	40.5	419	208	25.5	0.2	149.5
20	70	11.4	9.1	251	30	31.7	0.24	15.3
38	120	41	19.2	10000	342	4	0.47	42.9
24	110	75.3	27.8	10000	503	3.9	0.67	36.9
13	610	9.7	29.8	660	30	1.8	0.14	2.4
63	60	4.1	16	19.2	44	11.6	0.1	6.9
25	20	1.8	6.6	13	20	5.34	0.06	2
77	43	9.8	22.1	22.6	68	15.05	0.18	6.3
0	0	0	0	0	0	0		0
0	0	0	0	0	0	0		0
105.7	0	0	5.1	418.4	46.6	15		60.3
0	0	0	0	0	0	0		0
100.1	0	0	7.5	5.2	65	16.2		6.4
0	0	0	0	0	0	0		0
87.9	0	0	2	2.8	15.6	21		0
0	0	0	0	0	0	0		0
83.8	0	0	8.8	14.9	74.3	15.7		62.2
68.6	0	0	12.3	8.5	78.2	17.3		10.3
0	0	0	0	0	0	0		0
99.4	0	0	9.3	20.1	82.5	17.1		7.1
0	73	93	42	65	81	0		0
0	0	0	76	38	98	16.8		6
0	0	0	70	86	66	15.5		6
5	2	6	1	12	159	31		0
11	3	0	0	3	247	55		0
241	3	28	11	22	114	26		0
6	2	6	1	10	135	28		0
6	3	0	2	6	91	32		0
318	220	23	56	59	91	14		14
204	157	27	86	78	91	16		0
263	303	27	93	48	129	23		0
12	3	0	0	5	247	48		0
337	203	19	53	57	92	19		0
220	0	0	73	47	83	0		0
205	0	0	76	59	84	0		0
201	0	0	31	85	82	0		0
197	0	0	30	25	83	0		0
196	0	0	28	41	80	0		0
156	0	0	15	35	76	0		0

167	0	0	102	42	97	0		0
102	0	0	30	53	54	0		0
202	0	0	118	50	81	0		0
175	0	0	127	78	108	0		0
215	0	0	103	44	136	0		0
333	0	0	50	53	102	0		0
36	0	0	6	9	42	0		0
39	0	0	7	11	38	0		0
54	0	0	18	13	42	0		0
39	0	0	10	13	31	0		0
47	0	0	17	9	33	0		0
38	0	0	15	10	49	0		0
16	1	1.2	1.8	12.4	23	22	0.1	19.4
6	2	0.8	1.2	6.6	36	22.9	0.11	11.2
77	39	15.6	21.9	22.1	118	24.9	0.18	1.9
194	173	42.2	108	52.2	77	17.45	0.15	4
20	4	2	3.1	7.8	34	8.74	0.12	157
206	120	31.4	32	24	93	19		0
69	50	15.6	20	22	126	22		0
229	2	13.4	6.1	27.3	111	26.6	0.3	85.9
160	2	11	4.9	41.6	88	25.1	0.27	10.6
274	25	24.6	36.4	33.4	96	20.6	0.27	12.8
397	154	34	56.3	57.8	108	17.95	0.17	45.9
273	25	28.4	45.7	19.9	110	20.9	0.25	21.3
251	14	23.9	25	18.6	120	22.3	0.33	30.6
92	28	14.6	17.4	29.4	136	24	0.23	1.6
205	78	19.9	31	29.3	101	21.1	0.23	3.7
11	10	2.6	0	7	40	12		0
96	86	0	39	24	76	0		0
275	216	37.3	78	93	92	20		2
0	182	50	62	102	86	0		0
98	31	17.1	18	33	80	14		1.05
3	4	0.63	7	9	14	17		4
348	49	0	35	67	91	14		0
275	216	37.3	78	93	92	20		2
160	13	15.3	14.4	40.6	99	23.2	0.27	17.4
169	25	13.8	15.8	6.4	82	22.9	0.27	15.8
121	129	13.6	26.7	46.3	66	26.7	0.13	3.3
268	270	0	92.1	87.5	117	17		5
294	70	0	44.9	81.5	131	22		7
174	0	0	16.5	38.7	57.2	7		9
281	140	0	134	28.6	74.1	14		0
277.5	118.1	0	285.5	0	0	0		0
302	218	0	109	0	0	0		0
275	109	0	141	0	0	0		0
311	70	0	307	0	0	0		0
271.6	69.3	0	321.6	0	0	0		0
312	78	0	252	0	0	0		0
124	80	0	28.6	18.1	28.1	10		8
246	260	0	97.9	29.8	107	18		8
51	10	0	6.01	48.7	87	13		9
21	0	0	7.07	71.5	67.9	37		11
13	0	0	5.12	11	78.1	37		4
13	0	2.26	6.58	12.6	92.3	42		4
5	0	5.07	6.49	24.7	25.3	18		2
7	0	0	5.59	35.3	12.9	10		5

10	0	0	4.9	12.3	17.5	6	7
175	0	0	7.68	53.7	129	18	5
217	7	0	4.24	39.8	101	19	10
152	145	0	41.6	54.7	78.1	18	2
44	5	0	6.97	45.9	118	22	15
335	300	0	88.7	47.2	106	17	5
272	270	0	77.9	51.8	154	19	27
245.6	174.3	0	48	0	0	0	0
292.3	18.4	0	31.1	0	0	0	0
310.7	21.1	0	34.1	0	0	0	0
20.6	6.5	0	7.7	0	0	0	0
292.5	164.6	0	170.8	0	0	0	0
12	2	0	2	0	0	0	0
30	3	0	3	0	0	0	0
183.1	5.9	0	2.5	0	0	0	0
320	30	0	24	0	0	0	0
204.5	202.6	0	50.2	0	0	0	0
221.9	4.7	0	7.9	0	0	0	0
342	58.5	0	24.4	0	0	0	0
215.8	3.4	0	12.4	0	0	0	0
333.5	59.3	0	46.5	0	0	0	0
332.2	63.2	0	53.3	0	0	0	0
301.4	130.6	0	76.5	0	0	0	0
224.6	151.9	0	46.8	0	0	0	0
259	252.3	0	117.9	0	0	0	0
286	190.1	0	78.6	0	0	0	0
121	76	0	20	0	0	0	0
196.1	63.5	0	27.5	0	0	0	0
126.1	69.8	0	22.1	0	0	0	0
119.3	19.1	0	5.1	0	0	0	0
219.1	11	0	9.1	0	0	0	0
226.1	9.9	0	7.7	0	0	0	0
269.2	8.1	0	3.8	0	0	0	0
0	0	0	0	0	0	0	0
231.7	5.5	0	3.6	0	0	0	0
120.7	73	0	21.6	0	0	0	0
146.4	153.8	0	34.4	0	0	0	0
253	24	0	21	0	0	0	0
218.3	256.4	0	80.3	0	0	0	0
2.3	4.5	0	3.6	0	0	0	0
281	386	0	153.7	0	0	0	0
291.4	166.5	0	119.9	0	0	0	0
321	14	0	3	0	0	0	0
140.9	122.9	0	8.9	0	0	0	0
282.8	43.4	0	13.4	0	0	0	0
299.9	3.4	0	4.1	0	0	0	0
169	8	0	25	0	0	0	0
322.9	24.9	0	30.7	0	0	0	0
80.6	18	0	4.9	0	0	0	0
266.8	266.1	0	212.7	0	0	0	0
318.4	237.1	0	193.2	0	0	0	0
230.8	363.5	0	228.2	0	0	0	0
0	0	0	0	0	0	0	0
244	329	0	189	0	0	0	0
318	233	0	83	0	0	0	0
320.1	229.5	0	168	0	0	0	0

244.3	413.8	0	200	0	0	0		0
46.8	2.2	0	3.9	0	0	0		0
0	0	0	0	0	0	0		0
57.2	2848.7	0	2563	0	0	0		0
302.4	193	0	93.1	0	0	0		0
324	66	0	91	0	0	0		0
44.7	2538.9	0	2512	0	0	0		0
309.4	226.1	0	102.5	0	0	0		0
302.9	48.2	0	50.3	0	0	0		0
63.2	3.5	0	16.2	0	0	0		0
8.4	0.2	0	4.1	0	0	0		0
128.6	15.8	0	10.4	0	0	0		0
258	198	0	0	58	115	0		0
289	195	0	0	69	83	0		0
338	140	0	44	16	65	0		0
220	67	0	9	69	93	0		0
171	55	0	13	151	125	0		0
287	20	0	11	26	99	0		0
302	11	0	4	24	719	0		0
331	355	0	53	97	99	0		0
102	227	0	65	92	122	0		0
272	273	0	83	67	70	0		0
249	386	0	109	62	102	0		0
267	18	0	2	14	63	0		0
3	126	0	0	86	87	0		0
297	227	0	0	91	71	0		0
252	292	0	0	81	76	0		0
244	95	0	39	66	73	0		0
205	107	0	44	61	69	0		0
300	272	0	57	98	88	0		0
270	287	0	68	18	80	0		0
16	3	0	3	106	143	0		0
22	10	3.6	11	21	25	6		20
44	40	7.2	15	10	69	11		12
318.3	173.7	0	55.2	0	0	0		0
293.3	146.2	0	49.5	0	0	0		0
334.8	175.9	0	52.6	0	0	0		0
324.3	6.2	0	15.8	0	0	0		0
176.6	6.4	0	12	0	0	0		0
64.1	3.1	0	3.9	0	0	0		0
287.2	307.7	0	87.3	0	0	0		0
264.8	238.9	0	74.8	0	0	0		0
95.5	1410.6	0	1115	0	0	0		0
162.6	3.1	0	20	0	0	0		0
12.4	2.5	0	3.3	0	0	0		0
7	0	2.42	11.8	19.4	22.6	0		10
12	8	1.13	4.68	4.55	6.92	0		4
190	180	18.4	54.4	46.5	50.8	0		15
20	170	23.2	60.4	46.3	60	0		15
350	120	40.6	57.4	58.7	78.5	0		15
0	247	57	44	84	80	0		0
0	384	41	71	100	71	0		0
285	760	41.9	244	19.2	118	15.2	0.2	251
110	60	12	21	9.2	68	20.1	0.18	2.6
78	90	10.1	34	26.7	68	13.6	0.16	10.8
43	30	4.5	32	5.6	32	18.8	0.14	1.1

99	40	9.9	17	10.6	73	21	0.2	11.6
21	50	3.7	19	10.9	19	3.2	0.11	5.1
45	40	5.1	34	9.2	41	20.9	0.13	3.8
197	28	23.3	40.1	18.4	98	24.3	0.27	6.1
37	16	3.8	6.9	13	41	13.5	0.19	6.3
6	0	1	0	8	27	0		0
201	16	0	13	90	85	0		0
244	10	0	8	43	79	0		0
242	9	0	8	41	102	0		0
0	284	47	133	70	110	0		0
0	258	41	113	66	100	0		0
0	250	41	138	73	110	0		0
0	318	43	135	81	114	0		0
0	391	46	163	66	96	0		0
0	342	51	153	67	90	0		0
0	354	42	124	73	92	0		0
63	35	14	17	60	138	22		14
253	56	0	40.7	51.2	104	23		0
221	31	24	44	45	34	19		34
122	98	28	34	19	79	0		4.24
156	440	0	106	20	99	0		0
12	0	5	0	20	24	0		1.8
101	44	14	14	16	66	18		11
89	37	14	15	12	56	18		8
375	9	44	25	58	178	26		19
156	49	17	16	58	82	19		13
273	6	0	17.4	139	232	20		3
178	64	20	21	51	111	21		5
60	32	0	16.2	11.3	43.8	15		0
37	12	0	7.47	8.87	33.4	16		2
89	50	0	19.7	32.4	61.3	17		2
283	0	0	18.6	74.4	204	25		0
79	47	0	14.5	11.4	49.9	17		0
314	202	49	141	130	151	0		0
345	137	45	113	42	97	0		0
346	143	53	127	64	118	0		0
320	136	49	121	86	102	0		0
285	327	34	83	75	95	14		9
352	291	41	73	84	97	16		8
52	21	8	14	54	42	0		7.04
12	0	0	0	28	16	0		1.41
3	0	0	0	10	12	0		1.04
102	79	18.8	45	0	111	0		0
106	76	19.6	51	0	106	24		14
141	33	0	16.9	69.7	79.3	20		3
10	3	0	3	12	47	17		16
276	0	42	44	42	67	16		8
192	0	51.2	116	98	112	18		4
286	0	30.9	60	72	62	15		14
480	0	4.9	42	162	54	20		12
0	81	42	40	78	72	0		0
4	0	0	2.32	17.1	11.9	15		4
97	40	0	26.7	31.6	96	14		0
93	41	0	24.9	15.9	91.3	15		8
107	35	0	24.8	41.8	99.4	18		0
97	14	0	14.2	37	84	22		3

9	12	0	4.85	9.37	23.8	12	5
129	190	0	75.2	22.7	90	12	27
0	4	67	0	2	27	0	0
0	36	31	14	8	95	0	0
0	0	7	6	3	39	15	0
4	1	0	1	-1	63	21	1
34	30	0	3	10	47	17	3
66	34	0	7	7	64	18	0
25	12	0	4	1	36	15	0
6	2	0	-1	2	14	13	0
35	19	0	5	2	53	16	0
12	6	0	1	43	21	13	0
47	26	0	6	10	55	17	0
1	-1	0	2	3	54	23	0
-1	-1	0	-1	4	47	23	0
27	14	0	5	3	46	17	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
144	499	37	167	13	34	12.2	0
375	82	40	40	72	88	16.1	0
198	326	43	100	40	34	12.85	0
113	611	37	161	36	28	10.01	0
7	69	2	11	4	7	14.42	0
29	2121	113	2829	2	45	0.78	0
171	263	37	77	8	95	15.86	0
0	3	1	38	3	1	15.49	0
244	16	35	24	57	86	13.56	0
40	1916	108	3379	8	39	0.75	0
28	1984	110	2750	10	32	1.05	0
192	240	33	56	36	54	15.38	0
455	18	40	39	12	77	18.24	0
123	480	32	127	31	26	10.15	0
167	809	64	400	13	52	11.01	0
390	40	60	10	80	75	18	0
80	-10	65	-10	43	0	14	0
20	-10	45	-10	-5	0	12	0
19	-10	65	-10	-5	0	13	0
55	-10	65	-10	10	0	13	0
15	-10	70	-10	-5	0	12	0
55	-10	95	-10	10	0	14	0
145	12	70	-10	45	0	17	0
180	65	60	10	90	0	16	0
18	-10	75	-10	6	0	13	0
60	115	13	-1	4	83	13	0
245	420	60	80	75	0	15	0
32	260	8	140	7	27	12	0
7	280	7	155	4	16	10	0
5	285	7	160	3	9	13	0
2	275	5	465	3	31	12	0
20	260	8	150	3	23	12	0
49	315	9	505	6	37	14	0
11	210	6	155	4	35	18	0
8	17	-10	2	6	24	11	0
56	17	-10	2	9	65	16	0
12	23	-10	1	8	47	11	0
14	130	-10	1	-5	21	12	0

20	19	-10	1	5	21	11	0
28	22	-10	2	8	40	15	0
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14	17	-10	1	6	19	13	0
49	4	7	-2	5	36	14	0
187	22	16	10	68	59	18	0
34	4	7	2	8	57	17	0
25	3	6	2	5	64	17	0
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16	-2	5	-2	2	19	13	0
2	-2	3	2	3	33	14	0
141	37	19	10	39	52	16	0
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125	5	13	4	24	49	17	0
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18	-2	0	-2	-2	42	16	0
91	6	11	3	5	45	16	0
166	12	19	10	15	60	17	0
178	14	19	12	59	68	17	0
268	11	29	14	109	84	22	0
344	73	35	33	6	147	20	0
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319	48	38	14	130	82	16	0
161	9	13	4	34	63	18	0
159	14	15	5	43	58	16	0
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67	7	6	4	26	37	13	0
169	8	14	5	68	61	15	0
171	18	16	9	72	63	17	0
163	21	16	9	59	59	17	0
156	15	1	4	30	56	16	0
173	13	17	3	28	59	17	0
116	6	14	2	11	44	15	0
199	10	22	10	49	69	18	0
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107	-2	11	-2	-2	74	19	0
177	13	21	5	17	103	21	0
140	3	16	-2	10	83	21	0
10	-2	4	-2	6	89	19	0
3	-2	3	-2	2	52	18	0
6	-2	6	-2	-2	37	20	0
193	13	22	6	74	63	17	0
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123	5	15	2	14	37	15	0
147	15	18	3	47	47	17	0
21	2	6	-2	2	64	18	0
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57	2	8	-2	7	46	16	0

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23	3	5	2	3	34	16	0
18	60	5	0	2	170	14	0
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24	60	-10	-1	40	65	17	-1
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8	140	-10	-1	10	50	16	-1
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90	180	10	43	-5	9	12	-1
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280	190	0	120	25	55	18	-1
230	550	0	310	70	66	12	-1
260	100	0	41	75	64	17	-1
200	340	0	100	35	35	13	-1
2	-10	0	3	-5	3	8	8
130	20	60	-10	70	43	14	0
7	-10	70	-10	25	5	10	0
200	40	40	10	45	70	20	0
14	-10	80	-10	5	3	14	0
175	10	40	-10	50	60	16	0
26	-10	80	-10	-5	20	13	0
-1	-10	90	-10	-5	32	19	0
15	-10	80	-10	5	14	12	0
15	-10	90	-10	-5	13	13	0
180	10	50	-10	65	65	17	0
150	10	50	-10	15	50	16	0
-1	-10	90	-10	-5	5	16	0
140	20	40	-10	40	70	20	0
175	20	40	-10	55	75	20	0
195	50	50	30	35	95	23	0
24	-10	55	-10	5	38	16	0
15	-10	80	-10	5	14	12	0
2	-10	110	-10	-5	1	12	0
36	-10	80	-10	-5	26	15	0
115	-10	60	-10	25	40	15	0
10	-10	60	-10	-5	37	16	0
45	-10	50	-10	-5	43	15	0
45	-10	40	-10	10	75	17	0
25	-10	50	-10	-5	23	14	0
6	170	9	-1	6	74	17	0
15	120	8	-1	3	26	13	0
21	105	9	-1	3	24	13	0
26	99	10	-1	3	54	14	0
145	90	22	4	29	77	16	0
120	76	20	3	21	68	16	0
160	130	24	6	16	66	16	0
18	110	9	-1	7	25	12	0
3	110	7	-1	6	15	12	0
59	100	14	-1	6	40	13	0
225	75	29	5	42	82	17	0
26	89	10	-1	5	44	16	0
7	81	8	-1	14	120	22	0
58	98	13	-1	45	62	17	0
125	92	22	9	20	92	20	0
57	115	11	-1	4	53	17	0

10	105	7	-1	8	90	19		0
110	120	17	3	8	63	15		0
136	105	19	4	11	61	15		0
16	91	8	-1	3	63	16		0
10	87	7	-1	4	130	19		0
8	75	8	-1	3	135	20		0
25	91	9	-1	2	63	17		0
4	70	6	0	2	55	15		0
5	65	4	0	0	43	15		0
17	135	36	0	10	50	17		0
200	180	38	90	70	80	10		0
20	70	8	0	2	21	11		0
50	80	10	0	5	35	11		0
5	110	6	0	2	16	16		0
3	50	8	0	1	13	28		0
3	60	5	0	1	39	18		0
235	360	50	145	90	145	15		0
1	85	3	2	1	65	16		0
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87	55	140.5	190	23.7	318	12.9	0.89	4.2
161	64	112.5	192	65.5	272	17.8	0.51	2.9
26	358	235	8780	301	13	1.37	0.41	0.3
186	167	34.7	186.5	13	33	14.55	0.14	0
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117	138	17	35	13	71	18	1
57	23	10	6	5	54	19	2
15	4	3	-1	-1	47	18	2
66	18	12	4	4	64	19	3
-2	2	5	1	-1	50	14	2
31	4	6	1	-1	67	18	0
61	30	11	8	6	58	17	2
50	27	13	6	4	61	17	3
27	2	-2	1	-1	70	21	0
44	160	10	7	-5	91	21	3
130	100	40	25	25	68	17	2
46	9	6	5	25	57	18	0
69	16	9	3	2	66	20	1
-2	-1	0	-1	4	22	25	112
61	10	5	3	-1	77	23	0
3	-1	0	-1	-1	54	20	0
43	6	5	3	-1	87	21	2
-2	1	-2	2	-1	41	19	1
3	-1	3	2	1	33	17	1
31	11	6	4	6	51	20	2
3	-1	0	-1	-1	49	18	2
25	5	-2	5	4	72	20	2
76	24	6	9	5	65	21	1
6	3	2	2	-1	48	17	2
53	28	8	13	2	53	19	1
120	80	0	22	25	86	21	1
46	-10	0	6	10	75	16	3
55	40	50	12	15	65	17	0
14	10	70	2	-5	11	12	0
65	30	50	5	-5	55	16	0

4	230	-10	255	-5	40	17	-1
4	220	-10	360	-5	48	18	3
-2	140	-10	155	-5	41	17	-1
26	240	-10	260	-5	50	18	-1
26	130	-10	245	-5	50	20	-1
2	220	-10	290	-5	36	15	-1
4	150	-10	215	-5	45	17	1
110	30	40	7	5	95	25	-1
6	130	-10	200	-5	42	18	-1
255	210	50	70	75	70	17	2
70	110	20	5	10	100	22	3
56	150	10	4	-5	74	19	3
75	10	30	0	5	20	0	0
60	10	15	5	15	60	0	0
65	10	30	2	10	45	0	0
26	120	55	150	80	130	0	0
250	140	55	200	85	150	0	0
190	660	85	540	70	85	0	0
170	600	70	680	80	75	0	0
11	0	30	20	6	80	0	0
30	150	20	0	5	150	0	0
45	5	15	5	10	60	0	0
50	0	35	2	10	35	0	0
50	0	40	0	10	40	0	0
130	70	20	15	10	130	0	0
75	0	15	0	160	65	0	0
180	170	40	50	40	5	0	0
130	30	20	5	10	130	0	0
50	0	35	0	5	60	0	0
136.4	183	53.4	0	0	29	14.1	0
39.1	32	103.1	0	0	29	16.9	0
154.1	74	27.7	0	0	179	23.7	0
105.4	134	23.2	0	0	32	14.1	0
241.8	148	46.2	0	0	143	18.9	0
242.7	137	46.8	0	0	144	16.4	0
317.8	235	43.8	0	0	140	18.9	0
43.4	67	24.3	0	0	26	6.8	0
110	10	23	9	28	120	25	10
240	302	55	150	150	120	24	3
200	121	39	82	140	68	17	23
304	270	37	102	90	100	15	1
222	190	50	74	83	88	19	1
240	268	53	165	165	96	21	2
290	108	57	120	58	92	20	3
320	145	61	100	68	105	15	4
271	74	52	61	177	90	16	1
271	106	53	68	190	94	17	2
328	237	34	50	145	121	18	18
214	192	19	60	67	83	20	24
216	204	46	370	83	78	15	15
306	136	42	82	204	108	19	2
275	152	48	59	148	110	21	1
300	48	47	67	155	108	19	2
181	8	17	65	51	61	14	10
244	285	44	34	89	85	17	6
255	389	49	57	102	84	18	5

227	295	55	70	83	78	16	3
91	6	NA	2	11	115	22	NA
278	221	42	186	200	119	18	17
235	871	54	86	91	84	16	2
220	320	67	62	59	155	17	7
310	329	43	120	36	135	21	51
280	431	52	140	230	155	20	2
110	34	46	82	62	66	0	2
135	32	40	86	60	56	0	4
150	4	48	6	15	92	0	4
220	46	34	28	28	90	0	4
116	94	0	12	19	78	18	0
114	105	0	12	20	79	26	0
6	240	-10	-1	-5	80	12	3

Se	Rb	Sr	Y	Zr	Nb	Mo	Ag	Cd
	80	225	40	290	25.5	1.5	1	
	6.8	270	31	230	23.5	1.5	1	
	44	230	19	165	27	1.5		
	0	0	32	380	145		2	
	0	0	25	290	125		1	
	0	0	25	250	95		1	
	340	27	50	150	8			
	385	2	70	85	6			
	-2	175	5	66	-2			
	9	218	24	112	2			
	5	172	22	88	5			
	-2	153	36	94	5			
	-2	84	34	62	4			
	160	230	25	165	10			
	130	390	20	110	6			
	135	455	19	150	7			
	82	220	20	110	7			
	80	220	22	130	7			
	98	180	27	120	9			
	95	170	20	120	7			
	89	497	18	102	15			
	183	57	24	175	22			
	109	345	20	108	13			
	56	374	35	61	3			
	4	101	11	42	2			
	220	51	20	173	19			
	2	130	27	83	5			
	171	60	20	215	20			
	1	126	53	182	6			
	5	155	38	122	6			
	10	32	31	182	21			
	253	220	19	260	22			
	0	180	33	117	7			
	155	53	19	160	18			
	39	155	26	80	3			
	1	96	33	91	6			
	6	422	20	107	12			
	165	15	27	170	20			
	7	23	31	103	8			
	32	72	21	101	14			
	11	153	32	75	5			
	205	17	25	176	22			
	231	32	30	188	19			
	115	730	25	155	8			
	120	655	28	145	9			
	115	554	27	82	10			
	1	150	16	80	3			
	-1	-1	-1	-1	-1			
	2	175	28	75	2			
	52	150	28	75	2			
	41	85	28	70	2			
	3	145	30	110	7			
	49	60	22	50	1			

-1	47	28	75	3
3	55	20	60	-1
6	70	25	44	-1
2	60	35	90	3
82	205	17	110	9
4	65	28	70	2
31	295	31	55	3
210	60	37	180	16
200	105	30	150	16
150	415	23	180	8
210	50	38	145	17
185	85	34	200	17
2	70	23	65	-1
150	42	25	155	15
220	46	36	170	18
2	190	21	45	-1
220	55	39	175	17
155	85	32	225	13
130	95	60	770	19
220	70	44	200	22
115	40	26	200	11
-1	11	-1	-1	-1
175	420	27	190	9
145	345	25	105	8
57	315	21	78	5
140	235	21	110	11
90	660	23	100	4
85	475	35	85	6
40	405	13	26	2
65	380	25	40	6
49	465	23	60	5
60	440	22	80	6
47	445	20	50	5
250	230	25	185	6
-1	24	9	65	13
2	260	23	200	50
-1	60	14	75	19
20	700	28	255	65
14	560	20	175	40
690	-1	24	24	20
6	150	11	65	11
50	350	36	395	100
-1	140	20	155	36
130	275	20	105	7
-1	55	17	115	20
175	78	23	105	13
175	245	26	115	8
26	180	19	65	2
145	115	33	180	13
39	690	17	55	1
14	210	19	70	-1
165	95	26	185	13
70	140	19	110	6
125	135	30	215	11
105	170	10	150	4
190	75	29	100	11

165	40	34	130	11
10	89	35	150	8
3.83	58.9	25.5	60	1.2
3	207	30	84	2
1.5	83	26	58	1.5
1	123	18	32	0
40	66	28	64	0
16.1	110.6	22.1	58	1.09
12	64	20	56	0
47.2	67.7	25.4	60	1.4
2	20	14	56	0
1	62	26	76	0
0.99	58	20	54	0
49	164	32	98	2
1.78	83.9	32.7	56	2
17	61	20	56	0
17	85	19	50	0
34	182	21	62	2
8.6	94.1	19	50	1.93
79.1	117.4	18.6	28	0.94
72	460	18	85	7
143	360	23	140	8
130	335	26	155	9
180	310	26	190	7
125	240	18	90	5
75	410	17	90	6
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70	550	24	120	5
115	355	16	85	6
96	350	17	93	6
295	175	29	200	8
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140	400	18	140	6
145	340	25	185	8
225	210	25	175	9
190	255	29	155	8
105	320	27	120	6
110	310	24	145	7
105	440	22	140	5
210	270	28	195	7
85	390	19	85	6
100	400	18	105	5
70	530	23	115	6
130	335	26	105	7
155	310	10	95	4
215	185	19	90	9
210	185	20	110	10
180	220	27	125	11
100	360	16	90	7
175	235	31	160	9
130	305	11	100	8
95	380	13	80	6
115	365	19	90	5
165	215	17	65	6
105	370	16	70	6
210	20	22	34	12

85	415	18	105	5		
100	385	18	95	6		
120	360	19	95	7		
160	235	31	155	8		
185	295	28	140	8		
125	375	20	105	6		
165	355	24	140	7		
185	305	25	195	7		
210	255	29	210	7		
215	115	35	145	5		
150	430	24	125	4		
115	550	22	140	5		
95	375	14	90	5		
250	200	30	160	8		
110	405	21	135	6		
145	385	24	130	6		
260	85	12	60	8		
115	355	21	100	7		
70	350	13	120	7		
80	450	11	95	7		
70	465	10	85	6		
125	345	26	120	10		
160	230	18	125	6		
123	380	16	154	9		
65	583	24	155	10		
156	432	31	205	11		
206	269	26	205	12		
175	293	23	255	12		
221	84	18	84	12		
158	335	22	160	12		
153	343	21	245	10		
17	999	22	85	10		
176	302	22	257	11		
102	409	25	130	10		
65	660	30	202	9		
175	135	40	275	15		
175	140	38	260	13		
190	115	40	225	13		
215	130	38	210	12		
17	280	20	88	2		
24	240	32	160	5		
-1	40	12	15	0		
-1	220	17	100	0		
-1	650	26	94	6		
21	100	28	52	-1		
22	47	11	145	6		
40	31	16	260	6		
110	120	30	245	11		
55	130	21	290	8		
10.4	155	25	76	2.6	0.6	
10.8	160	20	58	2	0.6	
9.4	140	25	70	2.6		
10.4	135	24	75	2.6	2.6	1
9	170	44	165	5	3	1
9.2	150	24	68	2.6	1.6	
11.2	145	26	64	2.6	1.6	

31	205	60	260	5.5	2	1
36	165	58	240	5.5	2	
8.8	38	94	350	11.5	2.5	
54	140	28	30	3.5	1	1
16	170	36	125	5	1	
21	180	37	120	5	1	
20	190	38	120	5	2	1
0	300	0	0	0		
0	400	0	0	0		
0	200	0	0	0		
0	200	0	0	0		
20	160	32	135	16		
38	53	12	100	16		
48	92	32	230	34	2	
66	100	50	350	54	4.6	
72	76	28	280	46	2.6	1
40	155	24	220	32	1.6	
6	310	64	640	80	3.6	
7.4	390	20	145	20	2.6	
17.6	420	19	150	18	2.6	
120	115	40	228	10		2
160	125	16	94	14		
119	214	25	107	13		
160	135	60	365	17		
90	180	37	185	12		
250	19	47	120	21		
260	170	35	165	10		
200	110	33	145	11		
165	120	20	105	17		
175	115	22	88	15		
200	120	42	215	12		
135	55	44	150	11		
225	38	63	90	11		
240	32	41	125	13		
135	540	21	115	6		
2	230	2	1	1		
150	200	25	125	10		
73	379	21	95	6		
180	130	28	110	9		
150	80	24	90	11		
79	491	22	189	8		
55	508	25	142	9		
102	415	28	128	13		
170	191	6	59	6		
95	330	23	170	10		
160	385	25	180	13		
4	420	6	15	-1		
240	44	32	105	10		
32	365	29	145	8		
175	45	115	155	35		
50	490	15	180	11		
26	700	27	55	5		
55	660	37	140	11		
150	165	29	150	14		
160	160	28	125	14		
230	45	28	100	10		

190	230	16	125	7
225	45	27	105	9
13	210	22	170	31
205	50	25	100	7
1	95	34	110	8
4	390	34	125	11
17	390	37	185	8
5	320	17	13	-1
23	535	19	115	3
10	220	36	90	1
5	225	36	85	1
10	205	20	45	1
12	245	35	160	12
2	114	13	77	-2
3	230	29	85	4
9	271	26	148	5
4	321	21	65	7
-2	138	14	100	7
395	21	97	115	15
13	249	33	67	2
4	143	50	104	-2
5	209	27	90	3
445	14	115	99	14
350	27	80	90	10
315	5	255	100	18
285	55	50	180	10
100	290	20	105	6
310	12	65	100	11
430	15	80	100	13
210	80	40	90	11
330	35	60	100	9
320	45	70	120	9
320	45	70	120	9
215	105	34	140	9
220	90	43	175	8
340	38	70	125	9
480	6	120	110	22
195	100	36	95	8
210	95	41	120	10
230	85	38	125	10
300	24	65	130	11
310	21	70	120	12
75	285	31	140	5
280	47	55	150	9
355	3	185	130	23
140	225	19	120	5
210	105	26	105	7
165	150	32	171	0
240	118	36	116	0
297	28	55	146	0
430	5	125	109	0
127	167	26	197	0
261	61	59	200	0
209	85	43	171	7
191	99	42	201	9
204	109	44	220	9

194	269	46	334	12			1
172	5	54	318	28			1
134	205	27	207	17			1
273	65	78	142	17			1
151	29	82	547	21			1
285	6	85	142	22			1
176	54	70	550	29			1
203	15	229	599	39			1
205	217	132	472	26			1
215	85	47	142	9			1
134	188	53	642	14			1
119	190	47	622	15			1
346	11	101	89	17			1
256	98	47	130	10			1
205	122	43	170	11			1
159	131	42	212	11			1
165	10	81	328	20			1
-1	260	8	86	1			
-1	170	11	120	3			
0.32	146.7	17	173	4	1.06	0.63	3.08
1.45	385.1	25	131	1	0.74	0.56	2.76
14.63	221.8	26	213	4	0.71	0.56	2.71
1.17	198.9	22	110	4	1.17	0.67	2.68
133	260	13	135	10			
24.68	227.6	20	163	3	0.7	0.54	3.17
5.38	253.5	27	73	5	1.04	0.49	3.25
18.13	72.19	9	38	1	0.86	0.29	
8.39	166.8	11	29	1	0.52	0.38	
3.88	23.43	14	86	3	0.69	0.43	
2.27	24.3	11	70	2	0.77	0.36	
14.94	19.92	20	145	1	0.79	0.78	
0.39	134.2	24	101	4	1.07	0.6	3.3
7.57	124.5	26	217	4	1.67	0.55	3.08
2.69	152.2	11	39	1	0.54	0.46	3.4
9.69	263.5	19	52	2	0.54	0.41	2.49
9.41	623.4	22	157	1	0.87	0.67	2.97
1.08	179.7	19	159	3	0.91	0.56	3.41
16.38	225	14	79	1	1.4	0.49	2.95
0.3	182.7	22	102	3	1.6	0.37	2.52
7.34	225	21	147	2	1.5	0.48	2.67
7.35	577.6	19	93	1	1.33	0.54	3.38
0.77	2581	17	50	bd	1.21	0.4	2.93
12.73	193.3	19	69	4	0.94	0.45	3.96
39	449.9	23.5	181.7	3.5			
3.2	271	25.7	233.7	7.2			
13.3	276.9	29	229.5	7.5			
2.8	276	25.6	172.6	7.1			
1.9	268.9	25.4	91.3	1.9			
31.8	495	26.7	234.7	7.3			
1.4	252.4	19.7	73.2	1.5			
17.37	1015.9	16.1	109.17	2.79			
1.2	307.79	12.41	197.1	4.97			
3.56	492.23	20.73	108.27	10.3			
16.48	170.72	16.59	103.21	3.2			
1.57	436.16	17.27	55.59	2.98			
8.27	191.7	9.19	42.18	1.52			

37.8	273.9	17	85.4	3.3
30.87	258.35	14.52	118.97	2.93
12.48	328.87	15.39	69.27	1.66
16.55	461.62	21.78	138.5	5.09
1.26	332.65	20.13	144.46	5.35
6.66	380.09	20.51	171.38	5.04
19.69	335.67	19.17	157.42	4.73
2.43	340.53	21.2	169.16	5.78
22.63	132.56	19.82	166.35	5.82
1.37	407.78	18.45	137.72	3.85
1.09	219.12	21.16	91.07	7.75
205	42	50	135	10
180	75	50	135	10
170	50	55	125	11
205	65	60	130	11
160	125	45	215	10
165	3	80	365	20
170	65	65	190	11
160	80	70	610	36
185	95	31	90	7
185	270	45	340	12
170	-1	55	330	24
135	210	28	215	13
280	60	80	145	19
150	23	85	610	22
295	-1	90	145	23
185	45	70	600	26
200	6	220	620	34
200	220	130	520	25
220	80	45	150	9
135	185	50	690	14
120	185	45	660	13
360	5	110	90	18
260	90	50	135	11
200	115	42	155	9
195	27	75	610	33
355	4	110	115	22
390	4	115	110	22
155	80	60	250	13
180	190	27	130	7
145	275	24	280	12
195	190	26	130	7
140	200	24	260	12
235	100	26	140	9
105	290	38	355	15
110	450	22	285	9
150	145	28	195	15
140	205	27	215	14
150	180	30	195	14
180	165	22	105	10
160	330	21	195	12
115	330	23	215	12
140	180	26	170	14
140	130	41	175	10
155	180	41	320	13
165	110	55	175	10

155	135	41	190	9			
105	205	34	280	12			
80	135	47	215	13			
85	235	34	320	12			
180	85	43	130	7			
190	55	48	360	17			
175	95	47	175	11			
270	12	46	85	30			
245	47	42	85	16			
180	50	49	335	19			
265	80	27	100	22			
240	95	23	105	15			
245	90	26	110	18			
280	20	20	41	17			
0	213	22	161	5			
11	95	30	76	7			
21	507	19	191	1			
7	257	31	109	11			
-2	187	34	133	16			
31	241	10	98	6			
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-2	329	33	100	5			
13	130	24	64	-2			
535	2	27	42	18			
0.46	355.4	18	159	2	0.96	0.54	2.95
8.99	311.6	10	118	1	1.07	0.8	2.88
0.68	133.9	29	80	3	0.82	0.35	2.51
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15.58	94.91	22	155	2	1.9	0.57	3.12
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235	90	25	29	3			
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205	210	18	105	8
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66	502	25	192	9
61	438	23	236	9
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187	125	42	223	10
246	82	50	150	9
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6	116	45	190	7
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57	111	22	67	5
41	233	24	77	6
33	89	78	199	7
13	297	20	93	6
11	193	42	148	5
5	115	28	82	3
77	43	87	872	216
21	234	59	376	125
28	800	35	327	75
11	878	36	407	87
37	903	38	376	81
51	430	39	277	81
8	578	39	288	81
15	519	42	318	84
5	487	21	202	44
29	281	17	168	45
36	176	16	76	15
92	92	49	746	151
7	37	8	37	5
37	602	21	158	31
10	318	31	247	67
20	411	28	170	35
19	414	28	177	40
2	90	7	60	10
6	283	27	159	34
15	536	23	145	31
26	454	20	133	28
27	293	39	284	63
16	362	14	127	20
54	573	26	215	43
17	578	20	128	19
7	343	19	151	30
9	230	18	114	24
3	366	22	140	27
31	377	27	374	70
7	798	33	286	70
4	264	22	147	31

62	706	52	667	143			
16	487	19	126	22			
6	503	19	210	47			
4	302	27	157	32			
19	233	28	213	39			
22	760	27	198	40			
22	228	31	235	50			
9	697	23	248	46			
23	576	41	297	79			
2	1405	20	250	16			
17	631	25	206	42			
14	383	30	170	42			
36	679	31	441	91			
20	349	23	143	33			
0	278	35	214	12			
40	0	25	55	0		0.1	
45	0	20	45	3		0.1	
15	0	20	40	0		0.2	
0	0	20	50	0		0.1	
15	0	25	65	0		0.1	
70	710	20	100	15			
6	973	20	97	11			
71	148	35	117	10			
49	88	51	140	7			
4	167	20	124	26			
19	358	24	140	28			
41	520	46	401	72			
27	668	29	210	31			
33	112	47	121	3			
0	0	0	0	3			
29.4	567.4	35.1	338.8	60.4			
6.2	247.8	46.6	641.3	133.2			
28.2	1186.7	45.2	326	71.7			
49.3	889.9	48.9	377.9	79.6			
53.9	342.6	33.5	244.4	48.3			
16	434.5	27	198.7	33.8			
7.8	418.7	27.1	224	34.8			
7.4	374.3	25	244.6	42.9			
16	3397.8	29.7	564.1	85.2			
8.6	1176.1	28.7	386.7	63.8			
4.1	446.7	23.3	213.7	31.8			
16.7	545.2	25.1	175	23.2			
18.2	612.5	25.8	204.6	39.3			
7.7	452.4	19.4	170.7	24.4			
49	275	21	117	16			
13	239	20	137	16			
9	330	35	255	34			
10	339	39	272	37			
54	483	19	119	17			
8	341	29	200	27			
296	170	43.7	258	5	0.9		
76	531	17	172	23.2	1.4	0.07	0.02
86	507	17.2	166	23.2	2.66	0.14	0.04
77	621	28.5	193	31.2	2.48	0.2	0.11
97	341	27.5	177	13	1.3	0.06	0.16
4	389	23.4	208	49.5	2.34	0.53	0.49

	30	179	36	122	4	0.27		
	15	335	31	275	16	0.86		
	80	22	29	125	10	0.32		
	26	150	29	74	3			
	43	373	35	379	30			
	43	1401	33	522	116			
	160	300	35	260	14	0.99		
	160	310	31	250	21	1.01		
	35	125	44	146	10			
	18	215	27	170	6	0.51		
	41	283	33	115	4	0.15		
	49	269	41	145	4	0.27		
	40	807	21	209	26			
	0	675	18	128	13			
	136	755	26	224	33			
	109	892	27	287	40			
	142	786	27	367	36			
	124	713	25	198	34			
	27	381	71	321	19			
	49	469	67	252	16			
	198	52	25	90	10			
	204	77	27	75	12			
	39.5	180.2	33.2	105.4	4			
	42.4	207	34.6	114.2	4.3			
	25.5	344.7	22.1	78.9	5.1			
	17.4	166.3	33.5	108.2	5			
	52.9	199.8	38.9	129.5	6			
	54	230.6	38.9	127.9	5.2			
	48.5	189.9	38.1	127.7	5.6			
	23.1	346.8	21.8	76.6	5.7			
	22.3	430	23.9	81.3	6.7			
	22.1	409.2	23.9	80.3	6.5			
	33.9	367	22.4	78.9	5.2			
	15.2	321.1	20.3	71.2	5			
	16.6	168.2	22.8	110.8	9.3			
	56.7	350	21.7	76.4	6.1			
	79.4	265.4	42.4	139.8	5.6			
	60	157	52	567	135			
	31	34	33	211	44			
	173	3	109	1761	269			
	55	885	23	141	8			
	54	881	21	118	8			
	80	1035	20	193	18			
	46	808	14	190	11			
	41	682	17	188	13			
	26	403	42	208	23			
	18	762	16	182	13			
	24	382	30	144	15			
	24	531	22	160	24			
	83	272	47	240	20			
	56	288	38	424	34			
	11	278	18	140	20			
	14	455	17	138	20			
1	13	295	51.7	216	17.7	1.08	0.54	0.1
	168.5	19.7	28.5	90.8	13.5	0.15	0.64	0.02
1	89.4	374	34.4	119	3.1	0.39	0.39	0.07

3	59.5	66.7	158	500	123	0.5	0.3	
2	94.1	180.5	114	138	13.8	3.86	0.4	0.02
1	104	111	37.6	259	17.4	0.56	0.38	
1	19.6	332	24.3	101.5	7.2	0.49	0.24	0.13
	21.6	206	17.8	75	8.1	0.67	0.27	0.12
4	5.5	46.2	13.3	51.4	3.3	6.08	10.65	1.74
	19.7	35.5	25.5	107.5	6.9	0.76	0.44	0.81
2	3.7	160.5	49.4	221	11.1	0.79	6.07	0.16
1	38.6	31.5	22.1	132	9.5	0.36	1.2	0.05
28	2.5	37.5	15.5	21.7	0.9	4.11	1.1	0.35
11	1.4	40.6	12.4	8.2	0.6	2.84	0.76	0.43
4	1	6.8	15	5.8	0.9	2.68	0.7	0.44
6	2.2	4.8	4.7	22.3	0.5	3.48	4.99	0.22
48	0.2	71.2	7.9	7.4	0.3	26.1	17	15.2
1	125.5	135.5	38.1	157	16.1	0.65	0.5	0.51
2	105	190.5	31.3	151	12.5	2.19	0.7	0.59
	178	98.7	38.5	123.5	15.4	0.57	0.7	1.03
1	155.5	69.1	32.6	104.5	13.8	1.04	2.37	0.28
1	41.4	95.3	56.4	500	118	73.9		0.1
13	4.2	224	6.4	4.2	1.2	16.55	2.74	0.73
35	0.9	194.5	7.3	5.1	1.3	29.4	5.44	1.12
	7.4	22.6	19.9	5.1	0.9	9.54	0.6	0.06
	103.5	56.2	51.9	350	12.6	0.39	0.06	
	30.9	93.5	23.3	383	7.6	0.37	0.04	
	115.5	180.5	28.5	209	12.4	0.36	0.17	0.1
	0	0	0	0	0			
	0	0	0	0	0			
	34.6	2008.6	28.1	195.8	0			
	0	0	0	0	0			
	115.9	492.6	22.7	129.7	0			
	0	0	0	0	0			
	98.4	652.4	25.6	154.5	0			
	0	0	0	0	0			
	134.3	444	22.9	173.2	0			
	143.2	379	19.6	183.3	0			
	0	0	0	0	0			
	92.9	443.8	29.8	144.1	0			
	3	324	40	156	23			
	10	208	41	102	0			
	9	148	26	84	0			
	48	672	41.7	621	97	0.5	0.2	
	126	78	61.1	1760	248	4.9		
	43	323	33.6	303	46	1		
	36	671	40.2	558	101	2.9		
	98	562	33.6	1100	179	0.7		
	16	342	30.1	102	3.8	0.5		
	14	640	17.3	93	13	0.7		
	9	1260	19	121	11	0.5		
	178	4	91	1870	251	0.3	0.4	
	14	292	32.4	106	4.4	0.2		
	24	708	20	60	4			
	27	752	19	77	5			
	39	1103	23	129	7			
	39	1071	23	134	8			
	35	1079	23	136	7			
	67	692	21	163	12			

	41	585	20	112	6			
	74	712	15	166	10			
	32	544	20	113	8			
	32	664	15	83	4			
	31	715	16	71	3			
	31	143	35	82	1			
	114	320	21	202	17			
	104	341	20	205	18			
	90	103	16	178	13			
	70	254	15	201	14			
	90	180	16	182	15			
	58	248	15	205	15			
1	117.5	148.5	18.8	92.1	15.8	6.76	0.26	0.04
1	149	130.5	20	108	18.4	0.83		0.02
1	45.8	351	32.5	378	36.5	3.23	0.09	0.12
1	59.7	390	26.3	59.1	14	0.92	0.22	0.09
1	22.6	135.5	36.6	168.5	10.1	0.52	0.13	0.05
	48.9	265	28.5	167	18	2		
	36.6	290	30.2	397	28	4	1	
1	57.9	472	37.5	525	130.5	2.9	0.51	0.2
1	83.9	496	30.7	613	144.5	1.98	0.54	0.41
1	57.6	1100	31.1	402	99.4	3.59	0.53	0.14
	36.6	229	38.4	110.5	9.2	0.56	0.16	0.14
	108.5	740	32.4	466	114	0.98	0.31	0.11
1	82.1	729	34.5	451	110	0.25	0.25	0.11
1	40.1	390	32.7	427	39.1	3.3	0.13	0.23
	81.1	675	30.4	220	35.3	2.18	0.12	0.13
	42.5	781	26.6	163	8		1	
	134	135	29	198	13			
	39	350	29	117	6	0.15		
	26	562	27	93	9			
	49	139	32	269	15	0.78		
	106	18	40	140	13	0.67		
	3	275	38	183	13			
	39	350	29	117	6	0.15		
1	95.3	502	32.7	643	143.5	6.35	0.78	0.12
1	50.3	1450	24.1	281	42.8	0.92	0.13	0.09
1	53.6	21.8	13.2	76.3	16.2	0.46		0.06
	44	304	25	160	26	0.68		
	22	873	28	140	13	0.78		
	9	84	18	110	5	1.81		
	10	570	29	75	5	0.65		
	8.7	312.9	29.2	89	11.2			
	1	201	34	115	12.4			
	16	463	30	85	9.1			
	20	466	38	119	12.8			
	15.7	553.5	31.8	97.7	9.7			
	15	332	37	115	11.9			
	19	121	34	180	9	3.73		
	18	200	24	150	16	1.34		
	11	122	57	460	54	1.04		
	52	101	120	1680	125	1.84		
	36	44	130	1590	130	0.63		
	45	45	140	1670	150	0.7		
	33	54	43	300	12	1.69		
	27	50	43	285	12	0.57		

40	94	20	135	6	0.76
10	178	44	190	8	0.58
0	162	41	220	5	0.96
20	240	36	160	6	0.8
0	165	51	570	74	1.46
0	87	36	100	3	0.15
12	192	51	100	0	1.1
24.6	364.3	26.6	95.7	5	
19.8	521.9	29	210.9	25.6	
3.7	237.3	33	231.1	29.1	
2.9	173.6	49.5	468.3	66.8	
2.8	342.3	37	114.5	13	
58	193	35	202	8.6	
76	141	33	171	7.3	
4.2	424.1	34.7	171.1	9.7	
25	477	33	139	7	
12.4	264.7	26.1	106	5	
11.8	355.1	47.8	284	37.8	
8.3	240.2	26.8	87.8	3.2	
5.7	158.2	44.3	279.7	37.2	
16.7	249.2	27	158.3	18.3	
33.8	506.5	31.7	202.3	22.3	
2.6	138.9	26.1	156.6	19	
47.3	578.4	19.2	111.3	12.7	
0.3	93	23.5	132.6	16	
10.3	297.5	27.6	179.3	20.3	
42	278	44	238	10.9	
8	209.8	37.6	183.4	8.3	
17.3	167	44.4	238.9	11.1	
13.2	181.4	24.3	170.2	11.1	
4	199.1	32.1	140.9	7	
8.5	156.8	48.6	241.1	12.7	
4.2	151.9	36	138.2	6.8	
0	0	0	0	0	
19.6	252	40.4	221.2	10	
19.5	234.8	44.8	237.2	11	
24	278.4	38.4	197.1	8.3	
6	169	25	130	6.1	
59.3	606.1	20.1	118.5	13	
7.1	298	72.7	730.6	87.8	
8.3	269.7	22.3	148	22	
5.8	566	24	165.3	23.2	
6	114	33	140	7.6	
35.7	78.1	39.6	249.8	16.9	
21.6	308.4	28.4	99.7	2.9	
13.6	249.2	39.6	189.2	8	
10	417	41	259	33	
5.2	125.9	29.7	215.8	27.2	
20.4	51.3	17.6	285.5	17.5	
16.1	250.1	29.1	70.1	1.9	
9.8	238	37	88.3	1.8	
2.4	392.4	34	96.8	4.9	
0	0	0	0	0	
1	346	34	90	3.1	
25	654	35	89	2.3	
15.1	344.6	35.4	94.7	2.3	

7.8	221.5	29.7	73.2	2			
7.6	127.1	64.6	406.7	53.8			
0	0	0	0	0			
0.3	9.7	0.6	0.4	0			
31.4	578.5	33.7	90.5	1.6			
13	255	41	130	18.1			
0.3	5	0.2	0.5	0			
14.1	488.1	35.8	86.8	1.8			
5.7	273.8	37.8	145.4	20.3			
14.8	152	55.5	432.8	49.4			
140	45	124.3	1340.5	135.9			
38.3	213	35.3	318.4	38.2			
0	0	33	115	5			
0	0	22	59	4			
21	123	28	162	18			
6	205	38	139	5			
14	180	30	83	3			
6	207	36	279	51			
12	454	31	289	60			
33	168	29	71	2			
66	176	33	101	3			
6	142	44	98	1			
3	73	38	98	3			
11	466	25	200	42			
0	0	28	73	3			
0	0	19	39	2			
0	0	21	57	2			
10	344	26	119	8			
13	331	23	93	6			
3	291	33	98	3			
13	539	53	113	1			
142	524	39.2	809	159.3			
21	38.8	12	154	3	1		
23.8	430	23.1	188	8			
20.2	198.2	33.1	78	0.8			
35.1	112.9	33.5	77.7	1.1			
14.4	303.9	35.2	80.7	1			
18.4	420.3	33.9	257.5	41.8			
35.3	285.1	34.8	275.3	21.7			
57.2	864	35.3	309.2	57.4			
93.7	357.1	28.8	95.6	3.7			
9.1	420.7	26.6	88.4	2.8			
6.2	74.7	12.9	87.2	13.9			
9.4	588.2	43.8	354	48.1			
14.2	278.1	56.8	380.1	62.4			
0	290	30	160	8			
20	60	25	80	7			
10	190	15	50	0			
40	230	20	55	0			
10	180	30	80	0			
18	143	31	66	3			
13	173	26	51	2			
84	455	23	186	39.6	1.02	0.23	0.28
135	419	34	146	28.1	0.69	0.15	0.04
70	412	25	120	11.5	2.4	0.12	0.16
107	279	25	155	17.8	6.18	0.05	0.02

	121	438	30	181	26.8	2.7	0.15	0.11
	19	27	13	272	5.4	2.22		0.04
	89	559	21	167	14	1.64	0.09	0.05
2	61.1	1445	27.4	412	109.5	1.89	0.66	0.18
	105.5	505	27.5	193.5	11.9	0.73	0.06	0.11
	64	164	55	670	124			
	97	588	21.6	201	27.2			
	122	485	24.1	227	25.6			
	80	683	25.9	240	27.7			
	4	481	21	161	30			
	6	359	22	155	28			
	12	849	24	187	33			
	13	691	26	169	28			
	1	563	24	139	27			
	3	402	22	141	33			
	2	466	23	151	33			
	40	338	31	474	38	5		
	47	937	33	400	80			
	65	854	30	480	110			
	53.9	232	27	165	16			
	57.4	127	37.4	116	1.5			
	0	361	6	71	0			
	128	496	27	161	31			
	130	459	26	154	29			
	30	751	37	577	121			
	109	554	38	155	34			
	8	1018	36	530	92	3.44		
	135	477	49	162	42			
	85	509	11	170	20	1.45		
	107	343	17	190	18	0.17		
	126	493	21	150	23	0.42		
	20	1081	38	510	95	4.22		
	108	471	21	150	20			
	65	125	26	116	9			
	66	124	26	121	8			
	43	185	30	132	10			
	16	96	29	122	9			
	27	157	27	64	3			
	15	207	36	125	5			
	66.6	318	12	106	0			
	38	341	10	94	0			
	0	160	18	105	0			
	0	420	36	195	19			
	6	416	35	192	14	0.4		
	65	1426	23	320	38	0.48		
	807	195	15	175	18			
	68	333	20	58	3			
	22	1291	25	328	53			
	24	300	22	54	0			
	11	110	16	85	0			
	16	324	25	56	3			
	89	25	27	135	10	0.67		
	57	250	31	300	11	0.78		
	70	259	32	285	12	0.86		
	60	310	36	310	16	1.43		
	64	347	34	310	14	1.17		

134	83	30	130	9	0.32
35	143	21	145	5	0.41
9	12	33	197	7	
75	313	37	281	24	
202	119	33	120	0	
232	126	16	47	14	
210	120	36	110	10	
152	153	33	145	8	
144	125	26	90	6	
209	92	27	70	4	
199	114	33	120	10	
184	91	21	91	4	
170	137	33	129	8	
429	22	34	32	16	
428	22	31	32	16	
189	140	29	125	8	
0	0	0	0	0	
0	0	0	0	0	
1.3	109	8	8	0.15	
1.48	223	28.6	73	1.46	
0.8	54	18.27	43	1.09	
0.99	172	28.95	61	2.13	
3.33	379	1.09	58	1.18	
0.2	2	0.69	0	38.01	
2.46	381	17.44	53	2.29	
2.02	173	1.21	16	1.37	
2.04	338	25.74	68	7.86	
0.06	5	0.15	0	30.9	
0.13	8	0.27	0	47.9	
0.35	575	10.79	25	0.76	
1.7	309	26.41	43	1.03	
1.36	36	6.45	7	0.1	
0.23	36	17.94	46	0.31	
14	410	5	26	-1	
45	270	22	110	8	
14	245	26	160	9	
19	275	22	150	9	
90	185	20	120	9	
70	170	31	150	11	
115	165	23	135	9	
65	365	24	90	8	
115	310	24	125	7	
65	185	28	155	10	
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	12.8	19.8	7.8	25.2	2.4	2.53	0.22	0.06
	2.3	16.7	2	1.4	0.2	7.29	0.04	0.04
	32.6	28.7	15.6	62	3.1	0.6	0.14	0.06
	121	25.6	9.3	92.2	4	0.71	0.39	0.2
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	14.3	197	15.8	93.3	4.2	3.99	0.05	0.09
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	1.3	108.7	8	8.43	0.15			
	0.8	54.46	18.27	43.45	1.09			
	0.064	5.26	0.15	0.02	30.9			
	0.99	172	28.95	61.54	2.13			
	0.159	7.69	0.27	0.04	47.9			
	16.2	852	13.7	101	4.4		0.1	0.08
	29.9	472	14.2	101	4.3		0.1	0.07
	24.4	1015	11.4	66.2	3.1		0.09	0.08
	17.7	419	24	108	14		0.1	0.21
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174	177	38	172	8
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173	193	34	120	8	
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135	162	40	250	9
152	244	19	166	10
143	242	23	173	10
131	196	44	277	12
130	202	37	267	9
150	177	36	249	11
146	223	17	140	9
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145	198	16	167	9
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350	12	59	92	13
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471	11	46	81	15
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360	26	32	82	10
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281	98	30	122	11
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135	236	26	136	10
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205	105	50	360	11	
180	110	56	475	12	
215	71	53	295	11	
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144	64	16	127	7	
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202	37.5	53	135	6	
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282	144	12	199	17	2
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256	204	15	385	17	2
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285	77	17	170	6	8
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301	87	42	116	17	2
238	144	10	112	12	2
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191	214	15	98	14	3
211	135	12	79	13	2
202	206	26	175	21	2
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168	159	15	55	17	2
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159	184	17	135	13	2
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147	277	9	75	8	1
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141	374	10	77	13	2
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74	342	13	99	8	1
73	339	13	113	7	1
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33	550	25	110	bdl	4
11	79	27	53	bdl	NA
2	120	25	96	3	NA
bdl	160	21	84	bdl	6
bdl	145	22	60	bdl	bdl
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In_	Sn	Sb	Te	Cs	Ba	La	Ce	Pr
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	4				514	42	93	9
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0.05	2.13	0.43	0.05	115.7	18.89	10.11	18.47	2.67
0.06	3.61	0.27	0.05	165	110.88	11.26	24.94	4.48
0.08	6.13	0.31	0	469	296.67	22.68	48.65	6.43
0.05	3.09	0.26	0.16	43.59	75.48	12.73	23.42	3.58
	2				480	29	60	0
0.05	2.86	0.33	0	114.1	319.77	18.18	51.23	5.31
0.08	1.72	0.19	0.16	63.82	112.53	9.14	21.82	2.69
0.03	3.87	0.48	0.05	321.9	155.21	1.98	4.02	0.58
0.04	2.41	0.95	0	105.4	120.01	6.43	12.35	1.76
0.03	4.72	0.43	0	202.8	21.29	2.34	5.59	0.72
0.03	1.09	0.33	0.05	219.7	45.11	2.79	5.14	0.75
0.03	1.86	0.43	0.04	423	55.86	4.56	10.76	1.26
0.07	4.44	0.2	0	43.64	70.81	6.97	16.78	2.45
0.07	4.21	2.52	0.09	70.14	189.97	13.46	25.69	3.81
0.05	2.66	0.51	0.18	244.1	28.16	9.57	22.52	2.74
0.07	2.29	1.38	0.12	104.1	144.21	7.28	17.51	2.2
0.07	2.01	0.44	0.14	70.35	924.55	26.52	60.44	7.37
0.06	2.97	0.41	0.05	28.27	185.79	24.01	50.57	5.92
0.05	6.14	0.41	0.2	148.3	182.71	18.89	41.7	4.99
0.08	3.42	0.45	0.04	21.89	57.05	11.86	14.82	3.28
0.06	3.75	0.24	0.05	87.89	134.64	15.48	27.72	4.28
0.05	3.34	0.36	0.17	28.03	333.74	22.02	51.24	6.1
0.06	4.6	1.02	0.27	1.25	488.18	21.72	49.72	5.98
0.05	3.13	0.16	0	91.49	163.46	11.3	25.51	3.07
252.8						12.3	39.09	
86.1						24.64	65.94	
146.5						30.64	73.98	9.34
105.8						14.18	38.67	
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178						23.51	60.21	
60.1						4.23	17.01	
167.62						16.41	44.22	
118.31						28.41	66.01	7.38
77.48						12.46	34.85	4.97
189.19						21	48.13	6.51
58.21						4.19	13.47	
87.23						11.72	21.71	

190.5				13.07	37.95	
220.43				24.56	50.16	
146.48				14.58	40.96	
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122.75				24.87	61.32	8.47
104.35				25.27	61.21	
199.7				21.45	60.84	7.92
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171.98				28.06	66.98	
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0	490	55	95	0
0	410	15	40	0
0	610	65	80	0
0	260	5	20	0
0	130	-5	15	0
0	940	45	80	0
0	850	30	50	0
0	160	-5	10	0
0	200	-5	15	0
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0	36	-5	15	0
0	38	5	30	0
0	76	-5	10	0
0	92	5	10	0
0	58	10	25	0
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0	830	20	45	0
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0	700	12	29	0
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-2	448	56	104	0
-2	1816	391	613	0
0	1100	130	200	0
0	90	0	0	0
0	1050	90	160	0
0	140	0	40	0
0	1100	80	170	0
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0	0	0	0	0
0	629	54	124	13
-2	629	54	124	13
0	856	29	61	5
-2	856	29	61	5
0	263	4	19	0
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9	1070	45	87	11
9	1070	45	87	11
7	732	70	136	16
7	732	70	136	16
0	185	31	72	9
-2	185	31	72	9
3	719	50	138	8
3	719	50	138	8
0	241	9	21	0
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0	16	0	0	0
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9	470	25	44	3
5	448	54	98	10
-2	387	8	18	-2
-2	915	21	42	-2
-2	967	37	65	5
-2	849	25	49	4
-2	837	49	96	9
-2	283	23	42	-2
-2	176	14	21	-2
-2	693	41	83	9
-2	902	9	17	2
-2	1851	38	78	7
0	1215	35	75	8
-2	1215	35	75	8

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4	533	30	70	8
5	1016	23	57	8
5	1016	23	57	8
0	470	29	69	8
-2	470	29	69	8
0	24	16	37	5
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5	579	28	58	9
5	579	28	58	9
5	596	31	63	6
5	596	31	63	6
8	456	8	26	0
8	456	8	26	-2
4	46	36	72	5
4	46	36	72	5
6	583	29	62	6
6	583	29	62	6
0	10	10	12	5
-2	10	10	12	5
0	637	7	35	8
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2	1391	32	67	9
2	1391	32	67	9
4	277	27	60	9
4	277	27	60	9
0	305	18	38	4
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3	620	31	63	7
3	620	31	63	7
7	497	27	68	9
7	497	27	68	9
4	392	29	65	6
4	392	29	65	6
3	270	19	40	5
3	270	19	40	5
0	196	13	38	4
-2	196	13	38	4
0	252	20	41	4
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2	458	16	36	3
2	458	16	36	3
0	88	13	22	6
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4	623	37	77	9
4	623	37	77	9
4	486	22	48	3
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0	125	15	22	7
-2	125	15	22	7
3	1435	27	62	7
3	1435	27	62	7

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0	0	0	0	0
0	0	0	17.4	0
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0	180	0	300	0
0	810	0	178	0
0	540	0	167	0
0	270	0	159	0
0	630	0	178	0
0	540	0	141	0
0	270	0	126	0
0	540	0	108	0
0	270	0	77	0
0	450	0	52	0
0	270	0	27	0
0	1075	0	202	0
0	90	0	10	0
0	630	0	57	0
0	360	0	98	0
0	270	0	57	0
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0	180	0	50	0
0	360	0	49	0
0	360	0	53	0
0	540	0	98	0
0	360	0	42	0
0	450	0	66	0
0	360	0	22	0
0	270	0	49	0
0	270	0	14	0
0	360	0	29	0
0	450	0	107	0
0	450	0	103	0
0	360	0	49	0

	0			630	0	198	0
	0			360	0	27	0
	0			360	0	68	0
	0			360	0	46	0
	0			270	0	90	0
	0			630	0	47	0
	0			270	0	58	0
	0			540	0	32	0
	0			540	0	107	0
	0			270	0	80	0
	0			360	0	55	0
	0			360	0	63	0
	0			900	0	136	0
	0			450	0	29	0
	0			344	29	0	0
	0			770	30	0	0
	0			1100	30	0	0
	0			370	30	0	0
	0			130	35	0	0
	0			530	45	20	0
	0			770	55	30	0
	0			180	0	13	0
	0			630	0	41	0
	0			270	0	0	0
	0			180	0	38	0
	0			270	0	43	0
	0			630	0	92	0
	0			540	0	48	0
	0			180	0	0	0
	0			0	0	28	0
	0			710.2	0	0	0
	0			176.1	0	0	0
	0			1217.9	0	0	0
	0			1495.5	0	0	0
	0			308.9	0	0	0
	0			193.2	0	0	0
	0			120.4	0	0	0
	0			172.8	0	0	0
	0			352.8	0	0	0
	0			257.6	0	0	0
	0			146.9	0	0	0
	0			299.8	0	0	0
	0			231.9	0	0	0
	0			76.1	0	0	0
	0			270	14.9	33.2	0
	0			172	16.7	36.4	0
	0			256	33.2	72.7	0
	0			192	34.9	74.8	0
	0			555	15	33.8	0
	0			216	21.8	48.9	0
	0		6	1710	46.7	84.5	10.8
0.02	2	0.09	3.47	831	50.9	83.7	7.52
0.023	2.4	0.23	2.6	777	49.1	80	6.89
0.055	2.6	0.3	4.18	671	57.5	103	10.1
0.034	3.4	0.79	3.12	1010	50.4	95.2	8.89
0.104	4.8	0.99	0.95	352	41.7	84.8	8.54

	36	3		1.03	613	14	30	0
	19	31		0.41	102	33	65	0
	25	0		2.03	366	30	65	0
	0				199	0	8	0
	4				432	48	103	0
	6				758	95	207	0
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	6			4.11	730	41.7	81.4	0
	4				211	40	105	0
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	36	3		1.03	780	14.9	29.4	0
	0				477	42	90	0
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	0				1125	67	137	0
	0				844	71	142	0
	0				1211	66	129	0
	0				246	30	76	0
	0				278	29	68	0
	0				293	25	54	0
	0				282	20	39	0
	0				504	8	42	0
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	0				262	5	25	0
	0				1095	11	40	0
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	0				191	7	28	0
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	0				180	4	31	0
	0				114	5	27	0
	0				468	3	27	0
	0				991	11	45	0
	0				1700	0	222	0
	0				360	0	71	0
	0				0	0	310	0
	0				851	52	103	0
	0				481	37	71	0
	0				594	62	108	0
	0				795	52	93	0
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	0				347	24	48	0
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	0				1336	48	111	0
	0				367	47	96	0
	0				273	14	32	0
	0				166	14	31	0
0.119	2.1	1.21	0.07	1.09	208	18.6	42.7	5.15
0.079	4.6	0.9		6.38	571	45.7	90.1	9.9
0.087	1.2	1.03		2.39	222	6	14.8	2.02

0.216	12	1.7	0.07	0.18	160	193.5	388	43.9
0.021	0.8	1.39		5.83	1935	47.9	118	15.05
0.047	2.7	0.71		0.9	548	107.5	153	20.9
0.072	1	0.18		1.72	290	7.7	18.5	2.51
0.049	1.3	0.46	0.05	1.13	84.5	11.6	23.2	2.84
0.122	2.2	0.57	0.07	0.44	59.3	20.6	39.5	4.06
0.054	4	0.46		0.4	68.2	41.1	83	9.01
0.082	1.5	2.76	0.12	0.23	39.2	26.2	57.1	7.07
0.113	3.8	0.43	0.12	1.27	126.5	31.1	62.8	6.84
0.671	0.5	8.66	0.95	0.11	50.1	1.8	4.2	0.82
0.256	0.6	1.22	0.92	0.1	29.2	1.9	7.4	0.99
0.259	0.4	1.52	0.49	0.09	27.2	1.1	4.7	0.54
1.97	5.6	1.41	0.4	0.06	19.4	2.2	5	0.63
4.49	1.6	1.7	0.56	0.02	6.1	1.4	3.3	0.5
0.15	5.2	1.13	0.05	5.98	1375	52.9	104.5	11.3
0.178	4.6	1.5		2.95	343	49.3	97.3	10.15
0.126	6.8	76.1	0.11	5.87	601	50.9	102.5	11.55
0.167	12.5	25.6		10.2	454	50.5	89.9	9.26
0.267	4.1	4.84	0.22	1.27	763	73.5	140.5	13.9
0.691	1.4	6.59	0.74	0.26	71.2	19.5	31.3	5.21
0.32	1.2	5.3	0.56	0.07	54.9	16.4	27.1	4.44
0.025	0.5	2.52		0.41	102	2.1	7.8	0.67
0.029	3	1.02		3.89	383	56.8	84.1	11.55
0.011	1	0.93		1.44	172.5	37.3	66.6	7.4
0.043	3.3	0.52		9.45	471	35.9	75.9	7.83
0					0	0	0	0
0					0	0	0	0
0					671.6	144.1	184.9	0
0					0	0	0	0
0					462.6	10.9	104.6	0
0					0	0	0	0
0					436.9	43.1	58.1	0
0					0	0	0	0
0					938.7	89.8	69.6	0
0					706.8	67.4	102.6	0
0					0	0	0	0
0					421.6	71.4	86.6	0
0					400	0	14	0
0				0.3	306	3.89	10.93	0
0				0.23	102	2.9	8.72	0
0				1.1	1720	92.2	172	22.6
0	20			2.6	42	112	214	27.7
0	17			2.7	221	41.1	84.8	11.7
0				0.9	1020	91.9	172	22.6
0	34			2	967	99.6	161	18.5
0	7			0.9	213	7.3	17.6	2.8
0					581	12.2	29.2	4.5
0	27			0.9	231	21	43.2	6
0	6			0.2	0	127	234	30
0					438	7.9	19.2	3.1
0					462	0	0	0
0					436	0	0	0
0					670	0	0	0
0					687	0	0	0
0					675	0	0	0
0					846	0	0	0

	0			954	0	0	0
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	0			425	0	0	0
	0			381	0	0	0
	0			326	0	0	0
	0			55	0	0	0
	0			883	0	0	0
	0			909	0	0	0
	0			983	0	0	0
	0			976	0	0	0
	0			1060	0	0	0
	0			459	0	0	0
0.025	6.1	0.68	1.94	821	28.1	51.3	5.14
0.026	5.3	1.06	4.25	819	37.7	68.1	5.95
0.054	3.7	0.14	1.44	505	58.4	112.5	10.85
0.061	1.4	2.43	6.67	229	14	33.5	3.63
0.047	1.6	1.38	1.13	385	43.8	83.7	9.15
	3	4	3.7	317	26.6	52.4	5.2
	4		0.8	738	57.3	105.5	9.8
0.088	3.7	1.33	6.83	1485	109.5	202	19.5
0.074	4.4	0.95	5.23	765	116	171.5	17.65
0.074	2.8	0.92	4.59	1015	80.8	151.5	14.8
0.086	1	0.59	2.54	314	9.8	18.8	2.47
0.068	2.6	0.59	6.51	1875	97.9	123.5	17.55
0.089	3.3	1.17	4.64	2290	96.3	197	18.85
0.052	3.1	0.5	2.06	547	61.7	114	10.8
0.059	2.5	0.33	4.35	707	61.1	103.5	10.75
	4	5	1.4	412	35.1	67.8	6.5
	0			560	34	77	0
	15	0.89	1.05	334	7	23	0
	0			300	0	12	0
	17	0.52	0.48	455	30	72	0
	23	0	0.41	224	39	78	0
	0			269	12	30	0
	15	0.89	1.05	334	7	23	0
0.091	5	0.6	5.03	1000	121.5	187	19.25
0.047	2.3	1.64	4.78	1075	84.9	160	15.7
0.105	3.1	0.59	0.09	1.2	240	36.2	42.7
	14			3.25	280	19.6	41.3
	7			2.14	2750	18.9	37.3
	19	5		0.4	180	16.9	32.8
	19			0.15	280	5.3	12.5
	0			312.4	19.1	15.5	0
	0			35	0	0	0
	0			587	0	0	0
	0			967	0	0	0
	0			862.8	0	0	0
	0			881	0	0	0
	19			0.32	90	30.3	56.9
	16	7		0.26	77	17.6	33.2
	25			0.23	11	56.2	109
	36	5		0.21	520	151	341
	27			0.16	140	173	389
	14			0.19	110	198	387
	0			0.29	760	28.4	57.3
	18	3		0.37	770	45.1	85.5

22	4	0.38	970	30	43.9	0
20		0.64	880	29.8	59.1	0
14	5	0.32	530	19.7	45.4	0
23		0.57	280	14.7	33.2	0
29	4	0.14	45	62.1	119	0
16		0.24	40	4.31	11	0
19	3	0.63	26	6.5	12.6	0
0			603.9	0	0	0
0			519.2	28.8	48.9	0
0			138.8	0	0	0
0			95.5	0	0	0
0			336.5	0	0	0
0			479	0	0	0
0			1676	0	0	0
0			7348.5	25.7	40.8	0
0			346	0	0	0
0			218.9	0	0	0
0			293.1	0	0	0
0			132.5	16	17.2	0
0			157.7	30.1	66.6	0
0			621.5	15.8	37	0
0			331.8	0	0	0
0			42.9	0	0	0
0			224.1	0	0	0
0			73.7	0	0	0
0			313.1	19.7	41.2	0
0			496	0	0	0
0			148.4	18.5	37.6	0
0			275.3	0	0	0
0			235.8	0	0	0
0			346.7	0	0	0
0			476	0	0	0
0			189.7	0	0	0
0			0	0	0	0
0			87.1	29.5	62.7	0
0			914.6	0	0	0
0			258.1	0	0	0
0			39	0	0	0
0			481.9	0	0	0
0			95.6	0	0	0
0			105.3	16	37.6	0
0			95.2	20.3	42	0
0			125	0	0	0
0			126.3	33	68.2	0
0			197.1	0	0	0
0			173.5	0	0	0
0			110	0	0	0
0			102.8	21.8	49.2	0
0			251	0	0	0
0			1101.9	0	0	0
0			874.3	0	0	0
0			330.8	0	0	0
0			0	0	0	0
0			284	0	0	0
0			923	0	0	0
0			746.9	0	0	0

	0			308.7	0	0	0
	0			59.2	0	0	0
	0			0	0	0	0
	0			27.8	0	0	0
	0			334.5	5.2	12.8	0
	0			203	0	0	0
	0			16.5	0	0	0
	0			923.7	0	0	0
	0			194.4	0	0	0
	0			88.2	0	0	0
	0			352.7	0	0	0
	0			156.8	0	0	0
	0			0	13	28	0
	0			0	6	10	0
	0			85	43	82	0
	0			77	10	21	0
	0			146	12	25	0
	0			174	39	73	0
	0			354	38	65	0
	0			155	0	10	0
	0			250	6	12	0
	0			209	6	12	0
	0			44	4	12	0
	0			313	29	65	0
	0			0	5	14	0
	0			0	2	8	0
	0			0	3	13	0
	0			689	7	19	0
	0			317	6	14	0
	0			64	7	13	0
	0			58	7	12	0
	0			1929	106	231	0
	2		1	166.5	14.9	29.4	2.9
	5		0.7	327	32.7	63.9	6.3
	0			242	3.5	8.7	0
	0			64.9	3.9	11.2	0
	0			240	5	11.3	0
	0			249	32.7	71.8	0
	0			531.4	53.8	98.6	0
	0			825.2	41.3	91.3	0
	0			791.1	8.5	18.2	0
	0			635.6	7.5	19.6	0
	0			112.1	14.4	26.2	0
	0			430.9	41.6	97.3	0
	0			465.1	63.3	1428	0
	0			110	19.5	34.6	0
	0			410	15.5	29.5	0
	5			230	2.99	6.8	0
	4			440	3.38	8.08	0
	0			180	4.26	11.2	0
	0			400	0	5	0
	0			800	0	18	0
0.062	1.2	0.68	5.37	166	33.6	66.1	7.27
0.039	3.9	0.12	8.09	667	61	105	9.7
0.043	3	0.44	2.88	507	31.9	59.3	6.12
0.012	2.2	0.13	3.49	669	44.8	73.2	6.67

0.047	3.8	0.19	5.38	953	59	107	10.15
0.009	1	0.55	0.95	194.5	26.6	52.2	5.34
0.027	2.7	0.39	5.25	1050	37.2	65	5.87
0.069	3.2	2.61	7.97	379	94.9	167	16.75
0.034	2.8	0.43	3.46	653	45.5	87.2	9.2
	12			1630	63.3	131	0
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	19		0.59	170	82.6	171	0
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	32		3.24	540	45.7	71.5	0
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	0	1.02	2.1	791	21.5	44.9	0
	0		2.03	781	28.5	57	0
	0	0.46		92	36.1	73.9	0
	17			49	35.9	68.5	0
	9		0.36	50	32.7	63.8	0
	12	3	2.69	930	89.8	147	0
	0		8	643	41	85	0
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	7		0.18	299	64	130.76	0
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	5		0.44	211	27.17	24.67	0
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	17		0.48	350	26.3	55.5	0
	19	31	0.41	450	33.5	60.7	0
	17		0.42	490	36.2	66	0
	19		0.42	510	38	67.6	0

25	2.03	720	32.5	51.8	0
21	0.35	370	19.4	29.3	0
0		100	0	65	0
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7		385	24	42	0
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	0			560	32	48	4
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Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
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39.51								
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37.85								
36.69	7.44	1.82	5.57	0.71	3.64	0.7	1.89	0.27
43.13	8	1.95	6.35	0.8	3.81	0.71	2.01	0.28
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26.8	4.31	1.14	4.13	0.55	2.8		1.52	0.22
25.2	4.04	1.08	3.92	0.54	2.65		1.46	0.21
38.9	6.79	1.68	6.55	0.93	4.93		2.59	0.39
33.3	6.02	0.83	5.64	0.8	4.46		2.35	0.35
37.2	7.15	2.14	6.97	0.94	4.35		1.82	0.22

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9.4	3.07	1.15	4.26	0.9	5.27	1.19	3.4	0.49

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0	3.32	0.86	3.34	0.54	3.02	0.51	1.54	
0	3.76	0.87	3.7	0.58	3.14	0.56	1.6	
0	6.48	1.86	6.47	0.96	5.45	0.96	2.9	
0	3.51	1.26	3.89	0.7	4.22	0.83	2.59	
0	5.76	0.82	5.94	0.96	5.74	1.07	3.38	
23.4	5.1	1.5	5.4	0.9	5.7	1.2	3.3	0.4
39.7	7.3	2	7.1	1	6	1.1	3.2	0.4
72.8	11.45	3.51	10.85	1.4	6.8	1.27	3.35	0.47
60.9	9.12	2.68	8.42	1.1	5.38	1.02	2.84	0.41
56.5	9.56	2.78	8.66	1.16	5.68	1.06	2.77	0.38
12.4	3.88	1.31	5.07	0.96	6.13	1.28	3.69	0.55
66.3	10.85	3.09	9.85	1.26	6	1.1	2.81	0.38
72.7	11.95	3.61	10.7	1.42	6.8	1.24	3.22	0.45
41	7.27	1.92	7.46	1.02	5.4	1.04	2.83	0.42
41.6	7.11	1.82	6.99	0.97	5.05	0.99	2.81	0.41
27	5.5	0.7	5.3	0.8	5	1	3.1	0.4
29	0	0	0		0	0		
0	5	1.08	0	0.8	0	1.12		
13	0		0		0			
25	6	1.37	0	0.75	0	0.96		
40	7	0	0		0	0		
7	4		0		0			
0	5	1.08	0	0.8	0	1.12		
68.4	10.3	2.82	9.56	1.18	5.89	1.1	3.03	0.44
57.9	9.26	2.5	8.1	0.97	4.7	0.87	2.3	0.32
33.2	5.8	1.2	4.5	0.6	3.1	0.6	1.9	0.3
20.8	5.25	1.5	0	0.85	0	0.87		
20.2	0		0		0			
16.2	0		0		0			
10	3.24	1.03	0	0.7	0	0.89		
9.3	0		0		0			
0	0		0		0			
0	0		0		0			
0	0		0		0			
0	0		0		0			
0	0		0		0			
27.8	0		0		0			
21.4	0		0		0			
67	0		0		0			
158	31.8	2.56	0	4.21	0	4.57		
179	34.3	2.43	0	4.21	0	5.11		
180	0		0		0			
27.1	0		0		0			
39.6	0		0		0			

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12	0		0		0			
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12.4	2.5	0.5	2.5	0.4	2.2	0.4	1.3	0.2
27.1	5.4	1.1	5.2	0.8	4.6	0.9	2.5	0.3
6.1	0		0		0			
8.4	0		0		0			
8.5	0		0		0			
35.6	0		0		0			
42.9	0		0		0			
47.5	0		0		0			
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14.2	0		0		0			
51.2	0		0		0			
86.4	0		0		0			
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14.9	0		0		0			
6.11	0		0		0			
6.89	0		0		0			
9.88	0		0		0			
0	0		0		0			
0	0		0		0			
31.1	6.22	1.56	6.05	0.86	4.3		1.92	0.26
35	5.86	1.32	5.47	0.75	3.96		2.25	0.34
24.9	5.15	0.96	5.27	0.82	4.49		2.45	0.34
23.9	4.17	0.86	3.68	0.51	2.64		1.4	0.2

36.7	6.04	1.38	5.3	0.73	3.79		2.05	0.28
21	4.03	0.7	4.02	0.57	3.1		1.77	0.26
21.5	3.6	0.92	3.38	0.46	2.32		1.27	0.19
61.9	9.63	2.86	8.65	1.1	5.3	0.98	2.52	0.34
35	6.52	0.9	6.01	0.87	4.73	0.91	2.69	0.41
59.9	0		0		0			
35	0		0		0			
45	0		0		0			
48	0		0		0			
10	0		0		0			0.75
36	0		0		0			0.24
10	0		0		0			0.15
22	0		0		0			0.29
22	0		0		0			0.3
22	0		0		0			0.28
28	0		0		0			0.23
53	0		0		0			
51.9	9.43	2.84	0	1.08	0	0.95		
77	0		0		0			
0	5.61	1.26	0		0			
10	0		0		0			
0	1.11		0		0			
41	0		0		0			
40	0		0		0			
106	0		0		0			
64	0		0		0			
75.4	14.7	4.43	0	1.53	0	1.34		
78	0		0		0			
27	0		0		0			
26.9	0		0		0			
30.7	0		0		0			
83.6	0		0		0			
33	0		0		0			
17.9	0		0		0			
19.5	0		0		0			
17.9	0		0		0			
18.1	0		0		0			
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19	0		0		0			
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0	4.37	0.89	0		0			
0	6.24		0		0			
31.2	0		0		0			
29.4	0		0		0			
58	0		0		0			
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7.5	0		0		0			
62.7	0		0		0			
8.9	0		0		0			
18.7	0		0		0			
6	0		0		0			
23.5	0		0		0			
25.2	5.17	1.37	0	0.75	0	0.96		
27.3	0		0		0			
28.4	0		0		0			
28.9	0		0		0			

21.9	0		0		0	
14.8	3.68	1.1	0	0.67	0	0.96
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1.58	0.67		1.14		1.43	
9.79	3.42		4.58		5.13	
4.74	1.82		2.68		3.38	
8.56	3.01		0.8		5.52	
9.04	1.48		0.86		0.29	
0.5	0.11		0.16		0.1	
9.22	2.52		0.49		2.91	
18.83	2.3		1.01		0.27	
16.69	4.51		5.39		4.96	
0.002	0.0054		0.0039		0.01	
0.0088	0.0095		0.01		0.03	
6.64	1.84		0.33		2.15	
10.66	3.44		0.78		5.15	
1.06	0.48		0.17		1.23	
4.73	1.81		2.54		3.27	
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1.06	0.48	0.32	0.17	0.84	1.23	0.28	0.79	0.13
4.73	1.81	0.68	2.54	0.47	3.27	0.72	2.13	0.32
508	119.1	34.8	167.2	16.36	100.4	25.28	79.12	11.34
1.58	0.67	0.47	1.14	0.2	1.43	0.3	0.91	0.13
4.74	1.82	0.73	2.68	0.49	3.38	0.74	2.12	0.31
2	5.4	1.5	3.9	1.6	16.9	5.9	25.2	6
8.56	3.01	0.7	0.8	4.23	5.52	1.2	3.46	0.52
8.8	9.5	2.5	14.9	4.1	37	11.9	40.6	7.9
33.7	6.7	1.9	5.6	0.7	3.2	0.6	1.6	
33.2	6.4	1.9	5.4	0.6	3.3	0.6	1.6	
17.6	3.6	1.1	3.3	0.4	2.3	0.4	1.3	
16.1	3.77	1.5	4.46	0.73	4.12	0.88	2.51	
17	4.21	1.57	4.86	0.8	4.46	0.95	2.65	
15.9	3.75	1.42	4.36	0.73	4.12	0.89	2.43	
18.9	3.93	1.26	3.58	0.49	2.46	0.51	1.43	
20.3	4.26	1.26	3.74	0.52	2.63	0.55	1.51	
19	3.95	1.26	3.54	0.48	2.46	0.51	1.43	
18.8	3.95	1.23	3.52	0.49	2.45	0.5	1.4	
20.5	4.35	1.36	3.83	0.54	2.62	0.57	1.6	
34.6	6.78	2.06	5.6	0.68	3.17	0.6	1.62	
34.9	6.82	1.9	5.65	0.72	3.31	0.65	1.76	
35.3	7.07	2.01	5.79	0.71	3.42	0.67	1.86	
32.4	6.49	1.94	5.16	0.66	2.98	0.59	1.55	
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2.8	0.5	0	0.4	1	0.001
2.5	0.4	0	0.2	1	0.001
3	0.5	0	0.4	1	0.001
2.9	0.5	0	0.4	1	0.001
4.9	0.7	0	0.4	1	0.003
3	0.4	0	0.4	1	0.001
3.5	0.5	0	0.4	1	0.001

6.8	1.2	0	0.4	1	0
6.8	1.1	0	0.4	0	0.001
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3.3	0.5	0	0.8	1	0
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4.1	0.7	0	0.4	1	
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1.18	0.2	5.09	0.64	124.2	9.81
2.13	0.35	3.99	0.41	74.53	29.91
2.83	0.49	6.34	0.56	89.29	58.73
2.21	0.38	3.58	0.69	140.3	10.96
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1.97	0.33	5.28	0.46	61.61	112.2
3.12	0.47	2.31	0.47	27.53	31.73
0.77	0.14	1.05	0.54	229.6	98.52
0.75	0.11	0.69	0.25	86.28	27.49
0.85	0.17	2.53	0.72	237.3	12.52
0.75	0.13	1.86	0.8	282	51.1
0.73	0.15	3.75	0.72	149.2	68.75
2.27	0.37	2.88	0.45	80.23	27.39
1.64	0.26	5.84	0.56	84.84	56.61
0.99	0.18	1.32	0.14	18.09	17.66
1.6	0.27	1.82	0.37	26.4	38.33
2.03	0.35	6.03	0.44	52.14	55.1
1.85	0.31	4.76	0.59	129.4	10.61
1.37	0.23	2.62	0.23	41.94	32.46
1.47	0.23	3.13	0.28	26.87	6.94
1.65	0.26	4.55	0.57	101.8	50.23
1.89	0.34	3	0.43	64.21	51.53
1.81	0.29	3.53	0.42	34.23	5.4
1.94	0.32	1.86	0.43	46.36	44.4
2.63	0.41	5.54	0.55		
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1.42	0.22	2.54	0.2		

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1.16	0.18	0.36	0.05	0
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1.28	1.16	2	285
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4.1	2.8	1.47	297
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2.12	1.25	1.82	285
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2.17	3.05	1.1	276
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3.05	3.87	2.89	311
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1.7	2.22	1.27	286

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2.11	1.96	2.05	164
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3.63	1.96	9.14	-2
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7.03	2.35	5.07	-2
2.52	1.26	5.26	-2
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2.54	1.33	4.27	-2
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9.86	2.58	3.39	-2
1.32	3.18	1.19	-2

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2.03	2.43	1.14	-2
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1.3	6.37	1.05	-2
5.24	2.2	11.2	-2
4.57	4.9	1.46	-2
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2.35	0.36	1.5	0.93	10		0.46
2.92	0.44	5.4	0.9	0		0.23
2.9	0.5	4	1.3	10		
2.9	0.5	9	1.9	6		
2.97	0.47	10.8	7.34	1.8		0.22
2.83	0.43	12.5	8.25	3.9		0.32
2.46	0.37	7.1	4.25	0.9		0.25
3.67	0.58	2	0.38	0.4		0.18
2.58	0.39	8.2	4.25	2.1		0.5
2.82	0.44	10.4	6.56	1.3		0.54
2.79	0.42	8.9	2.39	0.3		0.25
2.71	0.41	2.5	2.02	1		0.32
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1.82	0.26	3.4	1.4	0.57		0.27
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2.08	0.31	5.5	1.52	0.8	0.7
1.92	0.29	9.2	0.2	0.6	0.63
1.4	0.21	4.6	0.98	0.9	0.47
2.37	0.36	5.8	7.11	1.4	0.29
2.88	0.44	4.4	0.96	1.5	0.68
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82.24	15.76	0	22.86	0		
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45.5	8.3	2.2	9.1	0		
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1.31	0.22	2.2	0.2	0		
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1.44	0.22	2.2	0.2	0		
1.47	0.22	3	0.2	0		
1.53	0.24	3.3	0.3	0		
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30		0	0					
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24		17	9					
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28		15	3					
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6		8	1					
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12		21	6					
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19	13	2

eNd_0_	eNd_i_	TNd_CHUR_F93	Rb87_Sr86	87Sr_86Sr	87Sr_86Sr_
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			0.134646	0	0.1346458
			0.140209	0	0.1402089

			0.0924		0.0924
			0.111		0.111
			0.0497		0.0497

			0.103		0.103
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			0.8618		0.8618
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			0.162967	0	0.1629675
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0.148873 0 0.1488727

0.08976 0 0.0897599

0.17707 0 0.1770697

0.447042 0 0.4470421

0.336353 0 0.3363531

0.077753 0 0.077753

0.164057 0 0.1640571

0 0

0 0

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