

Appendix F

Individual XRF Readings

SAMPLE	As	As Error	Mn	Mn Error	V	V Error
mhs8-1	888.33	12.85	3554.43	84	37.96	16.87
mhs8-2	974	14.01	3375.66	85.95	46.8	14.66
mhs8-3	914.91	13.04	2683.16	74.51	42.47	16.11
mhs8-4	746.32	11.72	4557.85	96.09	50.8	14.29
mhs8-5	403.73	8.93	2306.6	71.85	50.9	19.39
mhs8-6	608.01	11.9	3210.44	88.19	79.19	20
mhs8-7	505.2	10.28	2487.84	76.87	81.59	19.96
mhs8-8	862.1	12.49	2853.62	77.11	49.73	12.33
mhs8-9	702.45	10.99	3287.04	78.01	23.57	12.91
m23-1	1119.38	16.78	2891.15	91.25	<LOD	44.61
m23-2	1117.26	16.54	2912.66	90.57	64.95	16.2
m23-3	1302.06	18.02	2792.53	90.13	61.46	16.44
m23-4	1182.94	17.22	2701.63	88.66	75.53	16.61
m23-5	1024.7	15.31	2811.67	85.85	66.09	15.45
m23-6	1118.27	16.81	2951.75	92.63	76.09	16.96
m23-7	1181.78	16.99	2617	86.81	77.25	16.5
m23-8	1153.61	16.89	3022.97	92.89	79.14	16.31
m23-9	1231.45	17.41	2717.93	88.71	72.53	16.78
m17-1	705.76	11.05	2225.76	67.05	46.56	14.52
m17-2	605.19	9.99	2460.94	68.7	36.22	15.7
m17-3	423.66	8.18	2411.79	66.07	<LOD	23.95
m17-4	1021.4	15.52	4682.97	109.1	<LOD	49.45
m17-5	935.12	14.56	4267.37	101.15	<LOD	32.15
m17-6	1068.25	16.07	5030.24	114.83	64.76	15.45
m17-7	1056.24	16.18	4191.04	107.04	65.87	15.63
m17-8	1101.86	16.41	4695.06	111.7	77.46	17.22
m17-9	979.52	15.65	6164.92	127.88	59.26	15.72
m65-1	1075.25	16.25	5051.92	116.16	52.39	15.24
m65-2	988.01	14.89	4080.67	100.65	47.88	14.53
m65-3	1189.05	16.99	4751.51	112.73	74.07	16.41
m65-4	236.76	6.07	2033.56	59.54	<LOD	25.3
m65-5	390.03	7.96	3077.96	73.76	<LOD	24.63
m65-6	307.64	7	2973.36	71.68	<LOD	24.01
m65-7	342.99	7.38	2653.23	68.22	<LOD	24.48
m65-8	376.9	7.93	3040.24	74.3	<LOD	24.13
m65-9	656.12	11.92	4601.62	102.56	46.18	14.36
m31-1	782.16	13.29	4951.21	108.91	55.78	16.05

m31-2	463.56	9.02	3459.45	80.89	32.25	15.76
m31-3	196.94	5.62	2330.65	63.02	<LOD	50
m31-4	1326.65	16.22	4338.36	97.38	48.82	15.84
m31-5	974.94	14.03	4710.31	101.15	62.61	15.56
m31-6	1022.12	13.9	4951.65	99.79	46.16	15.8
m31-7	690.1	11.75	3415.81	85.66	59.82	14.91
m31-8	797.69	12.79	3623.2	90.03	56.98	14.52
m31-9	828.07	13.1	3192.97	85.39	44.44	13.92
m72-1	666.88	10.93	4498.86	93.06	<LOD	34.52
m72-2	659.35	11.72	2272.77	73.7	73.55	16.96
m72-3	445.35	8.57	1662.93	57.45	37.78	17.28
m72-4	400.16	8.18	1675.98	57.34	38.14	16.86
m72-5	328.43	7.25	1475.14	53.32	<LOD	25.79
m72-6	444.87	8.66	1801.47	59.6	24.98	16.63
m72-7	653.65	11.47	2198.1	71.18	76.21	17.07
m72-8	579.18	10.21	1854.45	62.81	74.78	17.55
m72-9	630.79	11.12	2204.91	70.45	67.19	17.5
m74-1	612.89	10.79	1966.21	66.2	74.33	17.37
m74-2	1064.39	15.36	6426.59	122.97	47.11	15.19
m74-3	786.71	12.62	3831.41	91.72	47.72	15.13
m74-4	818.31	12.93	3596.74	89.99	59.95	15.35
m74-5	1101.28	15.52	4372.19	102.4	50.93	14.94
m74-6	1206.31	16.99	5347.91	118.12	50.51	14.47
m74-7	1295.55	17.72	4279.4	107.08	58.51	15.54
m74-8	1541.68	19.5	5425.55	120.6	56	15.96
m74-9	1216.6	17.01	6214.23	125.17	<LOD	44.11
m60-1	1339.38	17.68	6625.81	128.59	74.8	15.2
m60-2	1439.59	19.08	5856.54	126.56	58.64	15.79
m60-3	1225.02	16.87	5189.3	113.85	55.29	16.85
m60-4	1538.4	19.72	5305.02	120.49	67.9	15.9
m60-5	1378.44	18.33	5164.69	116.62	62	15.39
m60-6	1026.59	14.55	4318.24	98.6	44.16	13.41
m60-7	976.46	14.1	6856.08	121.88	43.92	15.43
m60-8	900.31	14.54	5172.05	112.56	43.48	13.89
m60-9	1107.78	16.15	5240.73	114.02	48.41	14.4
m43-1	1035.86	15.78	6196.58	125.74	39.83	13.15
m43-2	1046.49	15.63	5531.99	117.87	55.57	15.05
m43-3	947.06	14.52	4917.9	108.27	<LOD	29.85
m43-4	1150.04	16.7	4755.21	111.44	67.12	15.67
m43-5	881.88	13.88	4770.19	105.42	51.41	14.49

m43-6	1065.7	16.04	4582.5	109.07	44.93	14.25
m43-7	1041.84	16	4678.77	110.52	49.54	14.51
m43-8	1111	16.37	4566.91	109.39	57.05	15.9
m43-9	43.2	2.95	852.39	40.61	<LOD	24.14
m59-1	1086.09	15.91	4980.27	112.01	53.8	14.6
m59-2	1054.21	16.17	5014.77	115.73	62.61	15.58
m59-3	1206.5	17.01	6507.66	129.79	55.12	14.84
m59-4	227.95	5.9	1781.55	55.12	<LOD	23.76
m59-5	1411.34	18.58	5871.86	124.99	59.13	14.98
m59-6	1248.36	17.21	5868.08	123.18	73.09	16.05
m59-7	296.54	9.47	1960.1	81.85	121.96	27.55
m59-8	292.78	9.48	1792.39	79.68	106.6	26.32
m59-9	313.47	9.71	2068.18	83.41	124.67	28.16
m13-1	318.42	9.9	2233.54	87.58	115.06	27.56
m13-2	324.89	9.68	1882.64	80.12	132.82	26.86
m13-3	293.6	9.27	1976.04	80.91	130.68	26.59
m13-4	285.33	9.35	2234.14	86.33	<LOD	63.15
m13-5	279.86	9.18	1776.47	78.15	118.81	26.91
m13-6	283.29	9.05	1639.25	74.26	124.15	26.42
m13-7	1098.15	14.97	3498.18	89.11	73.47	17.15
m13-8	553.95	12	4344.09	108.39	<LOD	48.7
m13-9	623.47	12.75	4150.17	107.41	78.03	20.2
mbg2-1	619.95	12.65	4356.63	109.29	83.53	19.68
mbg2-2	607.21	12.55	4376.47	109.48	74.71	19.43
mbg2-3	599.75	12.46	4560.36	111.39	78.95	19.8
mbg2-4	573.06	12.36	4231.58	108.73	75.06	20.57
mbg2-5	621.5	12.65	4225.08	107.17	88.88	20.51
mbg2-6	563.39	12.09	3935.39	104.01	73.59	20.07
mbg2-7	578.67	12.3	3941.76	104.3	80.11	19.53
mbg2-8	1178.5	15.75	3260.13	88.29	77.43	17.45
mbg2-9	620.95	10.13	2226.79	65.63	44.03	13.85
m55a-1	544.49	9.61	2692.18	71.95	31.16	13.65
m55a-2	669.37	10.74	2831.02	74.45	22.96	13.44
m55a-3	1376.5	17.64	3800.95	97.19	72.41	17.84
m55a-4	908.11	14.41	4460.04	105.97	<LOD	50
m55a-5	1003.56	15.55	5765.02	122.2	48.87	19.01
m55a-6	925.56	14.05	4597.36	103.64	49.63	14.63
m55a-7	917.41	14.65	5172.64	114.17	64.89	16.14
m55a-8	903.59	14.49	4210.55	103.89	60.72	15.2
m55a-9	958.59	14.76	4349.99	104.33	70.53	15.96

m68-1	1144.71	16.61	4732.29	112.23	68	15.64
m68-2	991.29	15.6	5494.62	120.65	44.28	15.26
m68-3	942.37	15.1	5090.46	115.75	67.34	15.15
m68-4	1171.09	15.5	4099.26	95.93	69.8	18.39
m68-5	1580.4	19.86	5899.66	125.97	75.92	19.12
m68-6	1631.09	19.21	5077.33	112.01	66.12	17.75
m68-7	1531.71	19.43	5497.73	120.84	77.87	18.42
m68-8	1529.91	19.13	5601.87	120.5	76.83	17.19
m68-9	1696.89	20.5	5024.21	116.73	69.75	17.39
m16-1	1433.75	19.03	6148.81	128.97	85.41	18.57
m16-2	1605.75	19.56	5191.29	116.19	64.35	17.43
m16-3	1696.71	20.68	6258.78	130.54	52.31	17.45
m16-4	1282.41	17.63	4804.48	112.75	<LOD	52.18
m16-5	890.01	13.77	4812.64	104.83	67.84	15.54
m16-6	956.65	14.21	4243.33	98.69	66.21	16.05
m16-7	1115.06	16.84	6211.16	129.11	66.46	15.61
m16-8	1082.29	16.19	5386.69	117.96	72.25	15.29
m16-9	1457.36	18.62	4612.34	110.02	53.35	15.47
m53-1	977.91	14.78	3998.64	99.07	58.13	14.34
m53-2	1133.76	16.57	5319.97	117.56	63.83	15.08
m53-3	1218.62	17.76	6146.82	130.01	66.06	15.62
m53-4	<LOD	44.93	<LOD	4586.66		
m53-5	123.24	7.05	1121.1	71.43	<LOD	47.61
m53-6	118.11	6.17	976.23	60.47	100.7	25.82
m53-7	130.05	6.85	1125.94	68.34	121.87	27.64
m53-8	152.76	7.1	1118.36	67.78	107.39	26.03
m53-9	115.51	6.37	878.56	61.18	131.98	27.15
m63-1	129.16	6.97	1256.89	71.81	116.71	26.68
m63-2	99.8	5.8	1086.01	63.36	122.09	25.15
m63-3	67.2	4.47	728.16	49.76	100.37	24.93
m63-4	113.75	6	940.09	60.2	131.14	26.6
m63-5	1218.54	16.1	4219.53	99.85	76.03	17.93
m63-6	1056.52	14.51	3943.14	93.22	62.43	16.56
m63-7	1042.99	13.92	3535.81	86.06	64.87	17.27
m63-8	1087.21	15.66	5602.08	116.89	<LOD	37.96
m63-9	1310.1	18.22	7452.23	142.11	53.22	14.6
mbg1-1	1279.68	17.43	6972.37	132.96	60.92	15.39
mbg1-2	1386.02	18.25	7019.42	134.55	52.36	16.28
mbg1-3	1289.8	17.82	6629.86	132.18	42.87	14.5
mbg1-4	380.72	7.74	2677.97	68.79	<LOD	22.84

mbg1-5	929.36	13.7	5020.24	105.33	38.66	14.43
mbg1-6	1169.11	16.74	7214.16	135.8	58.86	14.71
mbg1-7	1034.83	14.49	5029.13	105.66	56.08	14.86
mbg1-8	1715.89	19.34	5075.01	110.28	67.16	17.39
mbg1-9	1665.44	19.49	4664.25	108.13	66.44	17.16
m50-1	1648.27	19.78	5263.08	116.69	78.52	17.41
m50-2	437.06	10.28	3014.69	89.16	94.88	22.98
m50-3	428.16	9.55	2350.44	75.69	94.6	22.99
m50-4	550.71	12.09	3053.82	94.97	113.1	23.45
m50-5	1373.69	17.65	5025.85	111.61	57.88	14.81
m50-6	486.47	10.84	2310.29	80.16	95.97	21.86
m50-7	336.52	8.55	2075.14	71.89	91	21.38
m50-8	370.33	8.72	2036.21	69.77	83.8	21.26
m50-9	1304.23	16.86	4605.59	104.86	53.94	13.89
m71-1	27.37	3.15	286.05	37.88	77.99	24.85
m71-2	42.61	3.89	461.65	44.99	93.01	24.31
m71-3	41.55	3.72	306.6	40.65	96.82	24.66
m71-4	1423.37	17.88	4911.8	109.86	39.35	13.51
m71-5	1220.38	16.13	6209.15	119.13	<LOD	53.82
m71-6	1332.04	18.15	7282.74	139.02	48.12	14.72
m71-7	939.68	13.38	3811.63	90.19	45.71	14.06
m71-8	995.18	14.94	6538.38	125.32	62.16	14.82
m71-9	1239.1	17.55	6541.77	132.36	74.49	15.38
m35-1	1394.17	18.46	8344.06	147.8	65.92	15.43
m35-2	1039.09	14.01	3765.85	89.41	49.74	13.23
m35-3	1451.32	18.53	6950.37	133.52	52.29	15.05
m35-4	1372.39	18.22	6622.06	132.28	54.85	14.71
m35-5	770.43	13.25	6015.86	120.36	61.63	16.36
m35-6	856.86	14.12	6329.37	125.05	81.77	16.83
m35-7	777.37	12.98	5729.13	114.66	68.16	16.48
m35-8	888.78	14.29	6319.08	124.14	68.21	16.44
m35-9	623.33	11.18	5340.93	106.65	45.92	16.02
m69-1	710.96	12.48	6047.21	118.06	57.88	16.13
m69-2	807.63	13.42	5901.95	118.19	63.48	16.15
m69-3	759.03	12.78	6068.02	117.74	64.2	16.13
m69-4	440.46	8.66	4022.53	85.84	28.65	16.58
m69-5	737.82	13.13	3319.78	92.64	65.05	17.42
m69-6	852.54	14.31	3615.33	97.98	67.8	17.27
m69-7	791.95	13.57	3516.17	94.96	49.25	16.43
m69-8	703.54	12.32	3338.87	89.2	63.14	16.42

m69-9	760.21	13.23	3537.83	94.65	67.2	16.99
m69b-1	828.94	14.03	3237.05	92.72	69.52	16.93
m69b-2	817.2	14.03	3335.67	94.78	66.67	16.86
m69b-3	71	3.49	786.19	39.92	<LOD	24.27
m69b-4	103.37	5.88	577.58	51.93	112.15	22.34
m69b-5	99.65	5.84	627.24	53.93	118.59	22.6
m69b-6	78.49	4.93	479.21	46.79	101.26	21.56
m69b-7	85.69	5.13	501.08	47.25	103.24	23.82
m69b-8	97.3	5.74	670.23	54.61	119.49	22.09
m69b-9	108.49	5.81	464.08	48.69	104.12	22.92
m66-1	41.05	3.07	202.7	30.32	35.13	22.07
m66-2	40.66	3.06	225.18	31	<LOD	36.12
m66-3	103.41	5.83	704.62	54.9	102.9	23.09
m66-4	1240.27	17.17	4986.06	113.88	<LOD	46.19
m66-5	1201.02	17.66	5540.1	124.75	84.54	18.99
m66-6	1090.29	16.34	5317.79	119.09	91.67	18.18
m66-7	1230.72	17.64	6611.7	134.05	79.19	19.39
m66-8	1408.09	19.04	5915.77	129.44	74.34	17.23
m66-9	1216.56	17.8	5192.55	122	69.44	17.79
m33-1	1046.79	15.52	4545.95	107.51	85.67	19.22
m33-2	1191.58	17.53	5910.72	128.22	92.26	19.5
m33-3	927.28	14.4	4732.08	106.47	64.29	18
m33-4	912.75	13.82	3735.81	93.18	72.07	18.59
m33-5	1163.9	16.98	4686.98	112.79	76.99	17.43
m33-6	1243.51	17.46	5098.31	116.73	67.62	15.92
m33-7	17.34	2.19	192.01	26.55	<LOD	24.67
m33-8	1255.2	17.62	4413.14	109.75	63.27	16.46
m33-9	1201.64	16.92	4439.57	108.07	73.73	16.69
M36-1	1102.99	16.31	4876.98	112.9	79.73	17.39
M36-2	910.78	14.06	3624.25	93.22	59.3	16.53
M36-3	1113.96	16.62	4521.08	111.48	<LOD	57.64
M36-4	933.56	14.73	3968.4	101.09	74.2	18.2
M36-5	904.3	14.93	4509.44	110.49	64.78	17.88
M36-6	904.69	14.89	4713.67	111.88	70.38	16.49
M36-7	996.93	15.72	4038.8	105.44	80.2	18.34
M36-8	962.61	15.5	5533.83	121.71	75.21	18.68
M36-9	1061.87	16.1	3538.99	99.02	73.72	16.7
M25-1	905.75	14.94	4220.12	107.24	80.99	17.73
M25-2	493	9.44	2499.02	71.36	<LOD	22.79
M25-3	1105.71	15.02	4146.42	94.54	27.12	14.44

M25-4	805.24	12.35	3648.19	85.32	42.09	13.66
M25-5	1167.68	16.32	4201.18	99.91	46.86	14.13
M25-6	489.75	11.69	2789.47	93.34	<LOD	60.19
M25-7	452.35	11.12	2461.63	87.57	<LOD	59.54
M25-8	502	11.61	2721.84	90.24	97.33	22.66
M25-9	460.81	11.36	2459.75	88.42	109.96	22.81
M34-1	468.85	11.53	2931.08	95.72	95.58	22.77
M34-2	444.25	10.97	2862.55	92.61	115.75	23.09
M34-3	498.24	11.92	2490.58	90.12	114.18	23.16
M34-4	487.27	11.74	2874.25	95.42	122.56	23.63
M34-5	545.25	12.21	2685.06	91.95	129.34	23.2
M34-6	348.73	7.68	2288.24	66.2	34.93	18.83
M34-7	367.61	7.98	2712.41	71.98	36.64	17.27
M34-8	387.91	8.09	2715.98	71.56	64.89	18.64
M34-9	845.01	13.3	5626.86	112.96	43.41	15.19
M67-1	1042.28	15.92	7158.85	135.62	58.15	15.1
M67-2	1116.95	15.97	6302.13	123.88	35.18	14.21
M67-3	951.19	13.91	5879.07	114	57.62	14.33
M67-4	553.98	9.39	4052.68	84.04	<LOD	22.27
M67-5	1174.43	17.05	7253.95	137.92	39.79	14.7
M67-6	890.48	13.78	4978.23	107.94	39.19	14.59
M67-7	1035.99	14.4	5838.89	113.05	43.91	14.62
M67-8	1159.33	16.99	6662.06	134.16	49.87	15.32
M67-9	575.81	11.5	2972.72	87.09	<LOD	56.15
M48-1	670.5	13.07	3275.78	95.77	76.14	28.12
M48-2	654.3	13.05	3702.53	103.05	93.69	21.05
M48-3	788.95	14.31	3329.24	98.69	98.49	22.27
M48-4	696.36	13.44	4007.79	106.75	93.9	21.64
M48-5	809.89	14.52	3353.77	99.72	94.7	21.1
M48-6	754.15	13.71	3231.25	95.7	81.38	20.5
M48-7	724.97	13.89	3556.33	102.52	85.33	20.84
M48-8	725.7	13.78	3416.54	100.25	82.14	21.74
M48-9	272.67	8.65	2486.39	82.52	66.76	19.08
M47-1	324.29	8.77	1530.11	66.32	81.76	19.49
M47-2	417.43	9.62	1461.9	63.68	64.9	20.15
M47-3	363.22	9.31	1706.99	69.17	79.64	19.97
M47-4	392.99	10.07	2213.26	80.22	81.22	21.11
M47-5	459.17	10.27	2151.09	75.98	89.15	19.52
M47-6	7.4	1.88	95.79	25.08	<LOD	59.22
M47-7	214.58	7.74	1140.29	64.55	93.64	25.45

M47-8	205.52	7.97	1210.31	69.13	109.37	28.07
M47-9	166.6	7.06	1438.69	68.51	132.97	27.69
M38-1	197.94	7.58	1139.98	64.88	125.87	27.42
M38-2	151.89	7.07	1223.74	68.89	123.04	27.57
M38-3	125.65	6.03	1329.03	65.18	110.3	25.96
M38-4	191.77	7.79	1342.25	69.89	112.89	25.98
M38-5	147.93	6.77	1146.78	65.19	115.82	26.25
M38-6	359.92	9.52	2146.25	78.01	<LOD	55.78
M38-7	365.73	9.8	2631.49	87.2	77.72	22.65
M38-8	337.07	8.91	2041.06	73.56	79.29	19.93
M38-9	513.73	11.79	2752.42	91.75	84.42	21.52
MHS1-1	448.02	11.19	3654.15	104.34	78.32	22.24
MHS1-2	472.94	10.59	2102.23	76.65	94.82	21.02
MHS1-3	470.88	11.09	2618.34	86.67	83.69	20.28
MHS1-4	527.67	12.19	2459.46	89.2	104.23	22.57
MHS1-5	403.86	10.26	4106.48	106.07	78.45	21.87
MHS1-6	87.14	4.85	941.54	53.59	109.38	27.83
MHS1-7	438.27	10.23	2363.25	80.31	95.53	20.51
MHS1-8	429.97	10.74	2889.52	90.92	74.71	22.07
MHS1-9	559.26	11.29	2162.83	76.82	103.16	21.53
M2-1	90.81	5	732.05	50.06	108.12	26.43
M2-2	210.82	7.42	1499.35	67.21	117.32	24.14
M2-3	147.43	6.41	997.54	57.26	106.6	22.29
M2-4	195.72	7.01	1112.21	58.91	118.97	25.65
M2-5	105.89	5.46	884.98	55.17	121.04	27.79
M2-6	171.97	7.47	1468.05	73.45	<LOD	74.06
M2-7	135.02	7	1532.33	75.72	113.64	28.97
M2-8	164.77	7.23	1177.12	67.2	93.28	27.12
M2-9	132.78	6.95	1338.41	72.53	94.77	27.99
M49-1	149.24	7.32	1280.01	71.77	154.6	30.92
M49-2	165.91	7.6	1556.16	77.01	122.23	27.99
M49-3	36.13	2.88	345.37	33.49	<LOD	35.53
M49-4	186.04	7.85	1487.73	74.84	134.19	28.53
M49-5	134.7	7.36	1352.25	73.2	113.47	29.54
M49-6	101.22	6.16	1029.34	63.2	72.17	34.94
M49-7	102.94	6.09	1033.54	61.8	111.78	26.26
M49-8	86.24	4.97	653.53	48.39	106.96	25.2
M49-9	130.31	6.84	1129.41	66.53	113.36	26.96
M69A-1	104.25	6.42	1056.87	65.48	125.97	26.95
M69A-2	107.13	6.56	1115.79	67.03	104.85	25.98

M69A-3	112.84	6.65	1174.17	68.15	115.78	27.03
M69A-4	108.37	6.61	1166.72	69.62	125.12	26.84
M69A-5	97.53	6.55	1065.75	67.3	118.11	25.83
M69A-6	402.4	10.39	2843.25	90.44	<LOD	62.13
M69A-7	450.77	10.99	2261.55	82.4	<LOD	59.04
M69A-8	579.43	12.65	2945.03	95.56	96.9	22.53
M69A-9	497.1	11.51	2841.45	90.88	100.07	21.71
M45-1	498.34	11.71	2796.63	92.01	104.15	23.08
M45-2	520.47	12.04	3009.91	95.38	103.44	23.19
M45-3	569.5	12.23	2913.94	92.43	80.09	21.5
M45-4	485.33	11.7	2784.73	92.43	97.06	22.09
M45-5	517.78	12.03	2635.52	90.16	104.95	21.52
M45-6	835.69	14.64	4704.18	114.23	39.18	15.39
M45-7	947.86	15.29	4553.77	111.37	64.9	16.24
M45-8	926.65	15.11	4168.44	106.31	71.3	17.45
M45-9	566.3	10.07	3424.19	82.48	<LOD	28.22
M55-1	651.63	11.76	4228.89	98.93	44.33	18.33
M55-2	994.66	15.62	3734.19	101.67	67.01	17.09
M55-3	616.66	11.09	3327.4	86.16	70.69	18.21
M55-4	897.81	14.91	4913.28	114.54	73.6	17.65
M55-5	827.76	14.22	4437.19	108.37	69.23	17.19
M55-6	302.74	8.25	1533.39	64.63	<LOD	60.2
M55-7	323.45	9.73	2393.04	88.73	125.41	27.35
M55-8	371.17	10.26	1684.35	76.65	123	26.68
M55-9	332.11	9.72	2008.38	81.18	131.96	26.13
m21-1	410.66	11.04	1909.01	83.13	124.61	27.8
m21-2	333.38	9.86	1711.67	77.4	132.76	27.51
m21-3	289.58	8.37	1784.77	71.65	128.67	25.6
m21-4	342.8	9.57	2599.74	87.8	101.4	26.66
m21-5	378.09	10.46	2482.48	90.04	120.19	26.87
m21-6	300.01	9.05	1640.15	71.92	<LOD	60.81
m21-7	258.22	8.4	1809.62	74.29	<LOD	61.09
m21-8	212.01	7.36	1556.79	67.56	66.25	19.33
m21-9	254.23	7.56	1417.2	61.8	76.07	21.66
m15-1	307.69	8.95	1535.21	69.09	86.44	21.41
m15-2	278.25	8.79	2375.6	84.59	104.73	26.07
m15-3	346.9	9.66	1963.1	78.7	95.39	21
mhs7-1	219.12	7	1351.62	59.45	86	19.47
mhs7-2	322.55	9	1633.76	69.93	86.39	20.4
mhs7-3	315.66	9.43	2602.2	89.17	92.09	21.66

mhs5-1	448.78	11.02	1972.53	79.54	<LOD	46.58
mhs5-2	362.76	10	1438.56	70.21	83.74	22.79
mhs5-3	373.25	10.1	2358.73	85.86	83.83	23.14
mhs6-1	520.61	11.72	2016.74	80.1	99.3	23.16
mhs6-2	371.96	10.22	1913.88	78.57	103.31	22.57
mhs6-3	358.8	10.06	1904.07	79.62	76.18	21.94
m54-1	344.71	9.81	2257.19	84.62	75.23	23.25
m54-2	415.39	10.66	1800.53	76.7	96.29	22.06
m54-3	321.42	9.15	1897.58	75.62	111.28	25.27
m1-1	185.31	7.1	1085.67	60.37	<LOD	62.28
m1-2	197.34	7.25	1414	65.34	85.79	20.95
m1-3	209.57	7.7	1234.85	65.47	70.01	20.85
m61-1	241.76	8.25	1283.1	66.41	98.58	22.99
m61-2	175.44	7.26	1336.38	67.47	78.95	21.59
m61-3	163.49	6.51	999.19	55.92	107.14	24.23
m24-1	242.59	8.43	1405.08	69.64	89.96	21.32
m24-2	230.82	8.7	1535.95	75.61	109.46	24.77
m24-3	225.25	8.13	1308.38	67.87	86.63	22.08
m58-1	2476.69	26.71	7035.07	149.83	105.22	21.72
m58-2	2119.93	25.63	9858.08	179.24	116.58	22.52
m58-3	1674.59	21.23	6444.27	138.9	94.93	18.71
m62-1	2568.31	28.27	10482.48	187.92	95.97	20.02
m62-2	2883.66	30.39	13490.76	215.32	73.98	19.19
m62-3	2707.76	29.63	10077.04	185.81	97.47	21.35
m11-1	508.61	11.62	3125.63	95.64	102.45	23.49
m11-2	510.3	11.87	3128.07	97.48	121.85	23.31
m11-3	544.03	11.86	3306.99	96.92	90.26	22.57
m20-1	574.99	12.42	3173.72	97.16	82.98	21.74
m20-2	532.18	11.47	3008.81	91.71	102.88	23.07
m20-3	510.81	11.91	3028.67	96.06	71.9	22.55
m19-1	490.21	11.66	3320.96	100.05	121.07	23.56
m19-2	542.37	11.42	3315.21	93.48	74.7	17.26
m19-3	587.14	11.96	4661	110.12	73.14	16.8
m41-1	245.47	8.21	1527.93	69.72	104.23	26.84
m41-2	288.77	9.55	1871.84	82.37	115.19	27.19
m41-3	247.42	8.67	1882.14	80.84	111.61	27.23
m42-1	277.56	9.41	2114.9	86.59	118.56	28.33
m42-2	272.5	9.37	1997.81	84.5	107.25	26.87
m42-3	263.26	9.15	1977.47	83.9	135.6	27.7
mhs4-1	25.03	4.53	1016.05	68.78	138.15	32.87

mhs4-2	37.96	5.04	1028.61	70.97	157.31	32.93
mhs4-3	29.89	4.63	1008.61	69.42	142.99	31.77
mhs3-1	38.43	5.08	1126.49	72.7	166.03	34.87
mhs3-2	62.45	5.09	900.49	60.66	137.67	37.93
mhs3-3	63.05	5.4	1013.46	66.29	139.89	32.69
mhs2-1	71.21	5.78	1113.07	69.95	149.65	30.66
mhs2-2	59.28	5.54	1002.62	67.11	146.5	30.14
mhs2-3	64.72	5.88	1079.62	68.85	159.07	32.12
m32-1	56.55	5.39	915	65.11	164.41	29.34
m32-2	59.86	5.34	1116.06	68.92	152.64	30.38
m32-3	56.9	5.43	1083.12	68.59	146.24	31.53
m7-1	45.69	4.28	661.47	51.89	161.2	30.78
m57-1	38.95	3.83	668.85	49.51	153.32	30.51
m57-2	45.74	4.48	859.07	58.49	162.9	30.87
m57-3	39.72	4.43	794.46	57.77	174.36	29.97
m39-1	58.69	5.4	1039.83	67.14	160.74	29.89
m39-2	53.68	4.65	825.06	58.13	157.58	29.01
m39-3	39.84	3.89	639.77	48.7	179.32	32.42
m4-1	1211.37	16.69	3863	99.81	96.87	19.13
m4-2	698.19	11.81	2158.53	71.64	95.44	20.85
m4-3	867.48	14.36	3043.61	90.7	69.11	19.93
mbg3-1	883.97	14.23	2944.41	87.77	95.67	20.8
mbg3-2	1252.89	17.02	4083.41	102.78	79.02	18.22
mbg3-3	654.58	11.29	3429.5	85.69	53.4	14.53
mbg3-4	788.7	12.34	3074.26	81.99	48.98	14.65
mbg3-5	984.99	14.76	4491.54	104.35	46.81	14.28
mbg3-6	303.66	10.05	2476.9	95.79		
mbg3-7	879.47	12.75	2861.12	77.96	69.25	17.97
mbg3-8	1319.97	15.91	2902.03	80.39	53.31	18.43
mbg3-9	1270.48	14.95	2687.23	74.57	50.43	18.24
m40-1	1197.08	14.43	2427.27	70.86	39.54	17.87
m40-2	1250.63	17.12	3580.12	97.54	77.99	18.51
m40-3	1090.25	13.7	3171	78.94	56.65	17.78
m5-1	1092.95	13.72	3208.11	79.33	52.32	17.18
m5-2	734.37	10.62	2788.33	70.09	27.21	17.84
m5-3	1254.18	17.23	4112.38	104.38	73.54	18.28
m9-1	896.67	12.89	2763.65	76.03	57.69	16
m9-2	813.82	12.05	2857.26	76.06	54.05	15.37
m9-3	649.21	10.31	2415.65	67.81	<LOD	20.84
m3-1	949.32	13.59	3030.33	81.99	68.04	18.45

m3-2	1518.47	18.77	5600.77	118.51	42.75	14.38
m3-3	1088.45	15.06	3887.76	94.98	51.13	13.59
m6-1	868.87	12.97	3177.59	83.57	31.34	12.53
m6-2	1278.42	17.29	3756.29	99.63	77.54	18.6
m6-3	582.61	12.95	2828.31	94.93	102.98	23.13
m30-1	598.04	12.95	2743.23	93.02	89.17	23.4
m30-2	487.94	10.76	2278.14	78.12	<LOD	61.37
m30-3	589.13	12.54	2968.77	93.86	103.92	23.06
m30-4	564.77	12.77	3070.6	98.7	95.99	22.06
m30-5	448.97	9.98	2158.59	74.02	93.77	21.3
m30-6	572.1	12.86	3040.58	98.35	93.24	24.72
m30-7	656.1	13.54	3272.37	99.83	106.38	23.03
m30-8	596.05	12.37	2843.43	90.29	111.6	24.07
m30-9	1242.32	16.81	3641.04	96.65	79.9	18.11
m44-1	799.59	13.7	6329.13	125.13	63.87	16.14
m44-2	808.91	13.31	6383.79	121.65	49.71	16.27
m44-3	716.75	12.88	6281.49	123.09	66.45	16.96
m73-1	717.91	13.35	3936.93	104.2	70.76	17.42
m73-2	689.67	13.48	3912.75	106.39	70.37	17.07
m73-3	525.62	11.05	4051.01	101.01	59.81	16.14
m22-1	920.27	14.71	4293.54	104.53	63.23	15.31
m22-2	1133.09	16.37	4242.77	104.51	56.93	14.36
m22-3	1099.85	15.87	4723.04	108.37	52.21	14.54
m37-1	1296.77	17.45	4444.02	107.5	83.43	18.58
m37-2	1376.11	18.06	4620.08	110.1	79.35	18.35
m37-3	1442.93	18.65	4927.7	114.47	86.34	19.1
m10-1	1276.42	16.82	4016.6	97.44	67.17	17.16
m10-2	1266.13	17.27	4750.32	108.38	58.67	15.74
m10-3	1126.93	15.65	3779.98	93.64	68.76	15.69