

Details of the 58 Nos. of Stream sediment Samples analysed for REE and associated Trace Elements (34 Element) by ICPMS

Sl. No.	Sample No.	Latitude	Longitude	Sc	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	ΣREE+Y	ΣREE+Sc+Y
1	MLSS-1	25.807	92.808	1.82	9.61	18.98	34.46	3.97	13.55	2.46	0.55	2.32	0.42	2.06	0.44	1.04	0.12	0.95	0.14	91.08	92.91
2	MLSS-2	25.82	92.844	3.06	44.34	149.71	278.51	29.43	104.08	17.06	1.73	14.13	2.19	11.07	1.88	3.70	0.34	2.29	0.35	660.81	663.87
3	MLSS-3	25.7587	92.7894048	1.81	10.49	21.01	41.21	4.21	14.98	2.86	0.51	2.58	0.45	2.36	0.44	1.00	0.12	0.93	0.18	103.32	105.13
4	MLSS-4	25.817	92.7758627	1.95	9.59	17.03	30.66	3.49	12.36	2.56	0.46	2.03	0.36	2.08	0.39	1.00	0.11	1.06	0.17	83.37	85.31
5	MLSS-5	25.729	92.8	5.88	33.83	91.73	170.57	19.40	72.08	12.22	1.32	11.97	1.90	8.45	1.38	3.42	0.35	2.57	0.30	431.51	437.40
6	MLSS-6	25.782	92.741	3.69	28.64	63.05	118.21	12.12	41.26	7.58	1.07	8.62	1.45	6.48	0.97	2.59	0.28	2.10	0.36	294.80	298.49
7	MLSS-7	25.8123	92.8259265	4.80	62.46	235.20	403.72	44.73	152.89	25.74	2.43	22.71	3.42	16.50	2.65	6.13	0.56	3.51	0.44	983.08	987.88
8	MLSS-8	25.81	92.807	1.55	11.77	21.22	45.39	4.97	16.64	3.10	0.56	2.64	0.46	2.56	0.40	1.09	0.16	1.07	0.14	112.19	113.74
9	MLSS-9	25.7435	92.810945	1.78	11.92	25.08	48.50	5.56	18.80	3.75	0.68	3.26	0.53	2.86	0.48	1.24	0.14	1.10	0.14	124.03	125.82
10	MLSS-10	25.742	92.8046887	2.69	21.60	40.88	78.78	9.36	30.75	5.21	0.80	5.34	0.99	4.53	0.76	2.03	0.25	1.88	0.26	203.44	206.12
11	MLSS-11	25.7755	92.7438435	7.05	26.61	65.82	114.34	12.32	41.70	7.45	0.95	6.58	1.25	6.05	1.07	2.79	0.38	2.50	0.32	290.14	297.19
12	MLSS-12	25.7396	92.7815641	3.51	24.96	45.29	83.91	9.55	29.97	4.80	0.94	4.76	0.81	4.63	0.88	2.64	0.34	2.65	0.38	216.48	219.99
13	MLSS-13	25.7893	92.7825749	13.04	47.45	74.06	136.60	16.58	60.65	11.60	1.50	12.33	2.05	10.42	1.56	4.92	0.59	4.40	0.62	385.33	398.38
14	MLSS-14	25.7737	92.7378555	1.71	14.65	37.48	69.78	7.28	24.82	5.15	0.77	4.67	0.73	3.78	0.52	1.30	0.16	1.03	0.17	172.30	174.01
15	MLSS-15	25.81	92.807	5.80	56.42	148.71	275.53	28.81	98.36	17.17	1.65	16.06	2.45	13.28	2.32	5.35	0.45	3.30	0.40	670.25	676.05
16	MLSS-16	25.7932	92.7783964	2.47	12.44	23.02	46.56	4.99	17.08	3.04	0.82	2.66	0.50	2.90	0.44	1.38	0.14	1.13	0.27	117.38	119.85
17	MLSS-17	25.777	92.736	1.73	43.96	140.89	226.57	27.23	91.44	17.14	1.19	15.67	2.71	12.37	1.76	3.64	0.40	1.92	0.24	587.14	588.87
18	MLSS-18	25.762	92.778	3.98	78.82	254.60	440.20	53.57	186.89	31.46	2.05	29.19	4.56	19.65	3.08	7.08	0.52	4.02	0.40	1116.08	1120.06
19	MLSS-19	25.811	92.775	2.50	23.86	41.62	82.71	8.71	29.16	5.10	0.62	4.91	0.74	4.52	0.78	2.42	0.29	2.31	0.40	208.16	210.66
20	MLSS-20	25.739	92.78	1.48	8.89	13.61	24.92	2.87	9.29	1.60	0.45	1.62	0.29	2.43	0.34	0.96	0.11	0.68	0.16	68.23	69.71
21	MLSS-21	25.738	92.802	2.37	22.33	46.12	70.59	7.99	25.33	5.18	0.72	4.77	0.82	4.86	0.78	2.07	0.24	2.73	0.27	194.82	197.19
22	MLSS-22	25.8273	92.8390389	2.99	28.73	11.62	21.25	2.34	7.65	1.42	0.45	1.50	0.26	2.45	0.35	1.12	0.12	1.20	0.16	80.61	83.60
23	MLSS-23	25.753	92.767	5.75	41.82	132.38	249.89	27.70	84.83	16.74	1.34	15.69	2.37	11.48	1.83	3.99	0.41	2.97	0.38	593.82	599.57
24	MLSS-24	25.753	92.776	2.64	16.49	27.06	52.68	5.59	20.53	3.96	0.60	3.66	0.65	3.66	0.66	2.02	0.21	1.71	0.25	139.74	142.38
25	MLSS-25	25.768	92.736	2.53	12.70	21.60	39.47	4.32	14.52	3.05	0.75	2.51	0.49	2.54	0.41	1.05	0.14	1.46	0.18	105.19	107.73
26	MLSS-26	25.8257	92.8558288	2.96	46.54	134.67	238.48	27.88	96.47	16.21	1.30	14.81	2.43	11.44	1.70	4.10	0.42	2.33	0.31	599.10	602.06
27	MLSS-27	25.7564	92.7658618	4.56	43.97	117.54	222.54	23.55	75.71	15.11	0.99	12.92	2.06	10.95	1.64	3.71	0.39	2.80	0.37	534.25	538.81
28	MLSS-28	25.777	92.771	1.50	12.59	28.81	48.21	5.07	18.71	3.88	0.68	3.14	0.61	2.92	0.40	1.42	0.14	1.02	0.16	127.75	129.25
29	MLSS-29	25.761	92.764	1.57	8.49	15.71	25.76	3.35	10.47	2.02	0.46	1.94	0.40	1.91	0.27	0.92	0.11	0.91	0.13	72.85	74.43
30	MLSS-30	25.7454	92.7842584	2.62	39.05	109.57	196.89	22.72	77.82	14.46	1.34	11.69	2.20	9.39	1.37	3.27	0.31	1.82	0.25	492.16	494.78
31	MLSS-31	25.803	92.78	3.82	45.87	121.08	229.06	26.13	82.78	15.65	1.33	13.52	2.03	10.93	1.59	3.29	0.35	2.21	0.28	556.09	559.92
32	MLSS-32	25.803	92.7512518	4.15	34.49	98.83	188.15	22.04	79.03	15.70	1.11	13.43	2.10	10.82	1.45	3.25	0.32	2.04	0.28	473.04	477.18
33	MLSS-33	25.799	92.74	2.40	9.22	17.99	31.70	3.89	13.02	2.71	0.42	2.31	0.42	1.90	0.30	0.89	0.11	0.82	0.13	85.83	88.24
34	MLSS-34	25.803	92.746	4.82	23.31	47.19	91.30	11.20	36.83	7.21	1.11	6.78	1.06	5.40	0.84	1.98	0.25	1.76	0.27	236.49	241.32
35	MLSS-35	25.7467	92.8072637	4.88	26.62	33.08	66.20	7.22	20.72	4.30	0.95	4.14	0.79	5.11	1.04	2.99	0.46	3.55	0.42	177.62	182.50
36	MLSS-36	25.7497	92.8005508	3.37	41.12	110.71	221.48	25.15	85.09	15.91	0.88	13.78	2.18	10.46	1.62	3.81	0.37	3.34	0.38	536.27	539.64
37	MLSS-37	25.812	92.778	2.41	26.18	82.13	149.05	16.74	56.39	9.29	0.90	8.36	1.34	6.36	1.01	2.44	0.26	1.84	0.27	362.56	364.97
38	MLSS-38	25.7553	92.792358	2.36	15.09	31.14	53.06	6.37	23.18	3.93	0.55	3.82	0.65	3.08	0.50	1.65	0.20	1.13	0.14	144.47	146.82
39	MLSS-39	25.737	92.782	2.86	21.73	36.40	68.82	7.76	22.92	3.96	0.75	3.75	0.70	3.92	0.77	2.25	0.34	3.29	0.28	177.65	180.52
40	MLSS-40	25.8008	92.742315	3.80	25.86	70.44	122.66	13.93	45.75	9.02	0.71	7.32	1.40	6.46	0.96	2.68	0.31	2.31	0.36	310.16	313.96
41	MLSS-41	25.7851	92.7647205	5.38	49.20	111.89	233.67	24.71	89.12	16.31	1.33	16.23	2.63	13.61	2.05	5.08	0.52	3.60	0.44	570.38	575.76
42	MLSS-42	25.727	92.781	5.03	35.51	31.88	124.08	7.60	26.72	4.78	0.83	4.98	1.03	6.46	1.27	3.80	0.59	3.48	0.56	253.56	258.59



ANNEXURE V/2

Sl. No.	Sample No.	Latitude	Longitude	Sc	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	ΣREE+Y	ΣREE+Sc+Y
43	MLSS-43	25.742	92.787	5.18	55.03	117.01	214.00	25.41	85.90	13.84	1.40	11.14	1.85	12.06	1.92	5.65	0.94	5.52	0.79	552.46	557.64
44	MLSS-44	25.814	92.821	2.96	61.03	157.02	299.54	36.58	125.63	19.68	1.59	16.56	2.60	13.23	2.09	4.95	0.57	2.94	0.41	744.41	747.37
45	MLSS-45	25.8018	92.7570678	4.94	25.02	58.48	123.06	14.44	47.03	8.81	0.91	6.22	1.02	6.12	0.83	2.17	0.30	1.94	0.29	296.64	301.58
46	MLSS-46	25.7766	92.7589507	1.23	20.66	55.55	95.06	10.83	39.93	7.00	0.86	5.73	1.03	5.81	0.74	1.79	0.20	1.19	0.21	246.61	247.84
47	MLSS-47	25.815	92.772	2.33	12.43	30.59	57.74	6.98	23.77	4.25	0.89	3.43	0.54	2.81	0.49	1.20	0.17	1.07	0.18	146.53	148.86
48	MLSS-48	25.7329	92.8097759	2.39	22.30	40.01	78.49	9.31	32.01	5.92	0.65	5.07	0.85	4.51	0.65	1.99	0.33	2.02	0.28	204.39	206.77
49	MLSS-49	25.749	92.783	2.94	37.84	41.48	78.80	8.80	27.35	5.20	0.88	4.86	0.99	6.73	1.26	3.76	0.61	4.23	0.54	223.33	226.27
50	MLSS-50	25.772	92.761	11.73	34.18	67.91	140.20	16.93	54.36	9.35	1.17	6.95	1.32	6.91	1.07	2.92	0.40	2.66	0.37	346.69	358.43
51	MLSS-51	25.725	92.767	5.73	35.47	77.95	153.19	18.74	59.85	11.23	1.06	8.92	1.39	8.07	1.27	3.63	0.50	2.86	0.45	384.58	390.31
52	MLSS-52	25.798	92.745	12.97	37.69	91.53	195.36	23.69	75.95	13.48	1.73	11.01	1.59	7.99	1.45	3.31	0.38	2.32	0.31	467.80	480.77
53	MLSS-53	25.739	92.8176911	7.51	55.29	120.56	289.74	29.40	85.30	16.50	1.13	15.17	2.41	12.17	2.02	4.34	0.63	3.42	0.47	638.54	646.05
54	MLSS-54	25.733	92.761	18.06	57.98	99.97	260.53	22.28	77.79	12.70	2.09	10.98	1.74	11.86	2.20	5.53	0.75	4.85	0.65	571.89	589.95
55	MLSS-55	25.81	92.83	3.57	16.84	41.06	77.33	8.51	31.18	4.98	1.51	4.16	0.66	4.10	0.68	1.78	0.23	1.10	0.21	194.33	197.90
56	MLSS-56	25.793	92.744	2.61	16.66	52.53	97.40	11.68	34.74	6.44	1.00	5.07	0.89	4.50	0.64	1.81	0.21	1.10	0.19	234.88	237.49
57	MLSS-57	25.802	92.787	3.19	45.98	162.06	309.64	39.48	119.34	19.25	1.51	15.68	2.44	12.12	1.77	4.18	0.45	2.24	0.36	736.52	739.71
58	MLSS-58	25.761	92.764	2.84	40.42	138.55	269.31	34.33	108.64	18.36	1.59	14.81	2.58	12.57	1.63	3.35	0.43	2.04	0.32	648.91	651.75



Sl. No.	Sample No.	Latitude	Longitude	Li	Be	V	Cu	Zn	Ga	Rb	Sr	Zr	Nb	Sn	Ba	Hf	Ta	W	Pb	Th	U
1	MLSS-1	25.807	92.808	4.47	1.04	8.50	11.38	18.08	5.33	115.38	68.05	117.54	1.59	BDL	494.69	4.39	0.14	366.77	27.46	13.10	1.85
2	MLSS-2	25.82	92.844	3.65	0.62	11.71	12.68	28.33	15.89	127.18	116.05	241.52	4.03	BDL	958.55	8.00	0.25	253.97	44.77	77.07	5.15
3	MLSS-3	25.7587	92.7894048	4.91	0.60	8.16	15.14	22.44	5.24	109.17	62.14	149.70	1.51	BDL	465.81	5.41	0.14	539.69	26.30	16.17	2.17
4	MLSS-4	25.817	92.7758627	5.18	3.77	9.44	14.32	23.86	4.45	82.07	52.24	137.24	1.12	BDL	385.38	4.70	0.25	495.36	23.09	11.44	1.78
5	MLSS-5	25.729	92.8	12.37	1.21	31.26	16.26	35.55	10.17	134.14	92.10	255.53	7.74	1.15	766.43	8.10	0.72	161.84	47.14	48.54	6.37
6	MLSS-6	25.782	92.741	9.94	0.87	22.37	11.98	35.62	13.00	196.76	84.25	377.77	7.00	1.49	697.66	10.65	0.66	8.93	53.38	44.21	7.08
7	MLSS-7	25.8123	92.8259265	9.88	1.63	26.82	17.55	37.63	12.62	156.85	137.84	404.08	9.92	1.62	1100.00	11.06	1.27	8.99	50.50	105.23	9.97
8	MLSS-8	25.81	92.807	7.25	0.69	12.11	14.51	39.08	5.53	122.93	66.02	103.60	3.13	0.85	466.90	3.33	0.20	3.61	27.28	14.47	2.63
9	MLSS-9	25.7435	92.810945	6.61	0.81	13.91	14.08	16.52	6.88	134.15	66.41	553.68	3.19	0.88	559.07	4.41	0.35	4.97	29.61	16.90	2.55
10	MLSS-10	25.742	92.8046887	7.15	1.19	21.48	10.72	20.39	7.44	136.57	85.21	243.95	4.48	0.78	640.45	6.86	0.47	5.83	32.00	30.73	3.47
11	MLSS-11	25.7755	92.7438435	8.81	1.24	55.11	17.23	29.06	9.23	95.43	81.58	479.52	7.42	1.16	518.75	11.97	0.63	4.66	33.90	51.54	4.88
12	MLSS-12	25.7396	92.7815641	9.19	1.17	20.44	11.95	35.92	8.49	158.96	86.30	360.89	5.17	0.86	615.00	10.64	0.38	3.79	35.41	26.78	3.25
13	MLSS-13	25.7893	92.7825749	14.48	1.50	102.62	20.52	62.97	12.88	114.51	116.74	209.91	4.77	1.20	714.73	6.44	0.69	3.75	33.17	35.22	6.65
14	MLSS-14	25.7737	92.7378555	6.00	1.38	10.90	9.78	24.27	9.25	157.30	92.70	255.19	1.96	0.64	688.27	6.53	0.17	1.60	36.94	25.66	3.41
15	MLSS-15	25.81	92.807	9.35	1.47	36.25	18.04	30.44	10.16	101.04	84.39	350.89	6.11	1.07	709.70	9.13	0.68	3.10	36.05	80.22	7.96
16	MLSS-16	25.7932	92.7783964	6.41	0.95	16.13	11.14	17.64	9.93	182.69	106.69	215.24	4.20	0.92	767.60	6.63	0.42	3.16	47.98	14.93	3.20
17	MLSS-17	25.777	92.736	6.83	1.27	12.48	10.55	22.66	10.36	182.40	99.18	247.56	4.81	0.94	720.44	6.80	0.91	2.10	40.47	100.51	8.22
18	MLSS-18	25.762	92.778	10.63	1.47	26.56	13.76	26.18	14.13	207.57	110.21	297.48	7.27	1.04	899.56	8.55	1.79	223.99	53.53	166.17	12.64
19	MLSS-19	25.811	92.775	6.10	0.82	13.33	11.17	28.04	6.03	98.37	70.21	329.89	6.05	1.00	461.13	9.95	0.35	335.57	28.66	35.51	2.89
20	MLSS-20	25.739	92.78	6.02	0.47	11.47	11.39	16.78	4.40	74.34	54.42	112.99	3.31	0.77	421.70	2.82	0.21	7.56	19.75	8.40	1.05
21	MLSS-21	25.738	92.802	7.28	1.05	15.98	11.08	24.59	6.26	100.10	72.94	253.89	5.08	0.82	502.94	7.61	0.54	5.58	26.54	30.47	3.17
22	MLSS-22	25.8273	92.8390389	5.32	0.52	16.27	12.00	23.64	4.14	44.17	53.46	192.51	4.59	0.67	319.53	3.03	0.28	3.12	13.52	5.57	0.96
23	MLSS-23	25.753	92.767	10.17	2.02	43.12	18.34	32.68	12.04	202.61	102.71	372.11	11.04	1.76	766.11	12.28	0.87	4.00	53.49	86.85	8.94
24	MLSS-24	25.753	92.776	12.21	0.78	16.74	16.34	21.62	5.58	90.93	52.24	43.87	4.23	0.85	458.13	1.51	0.35	432.08	24.10	14.72	2.17
25	MLSS-25	25.768	92.736	9.78	1.21	13.84	12.78	22.42	8.82	146.40	81.13	203.51	2.81	0.71	697.99	5.52	0.68	397.21	31.97	13.45	2.60
26	MLSS-26	25.8257	92.8558288	5.62	0.81	20.42	12.55	18.20	6.22	65.44	72.26	154.11	4.51	0.57	546.55	2.95	0.31	418.74	29.02	76.16	6.59
27	MLSS-27	25.7564	92.7658618	10.12	1.30	32.58	15.12	36.38	11.38	168.35	87.20	371.40	6.00	1.25	765.40	11.48	0.44	390.42	41.63	74.94	7.15
28	MLSS-28	25.777	92.771	5.82	1.32	9.94	10.82	24.51	9.62	154.61	107.76	214.51	2.49	0.69	704.17	5.46	0.29	383.11	42.61	20.38	2.93
29	MLSS-29	25.761	92.764	6.30	0.43	11.36	11.18	17.27	5.48	123.62	62.38	124.46	2.49	0.71	471.14	3.83	0.22	13.13	26.06	11.00	1.92
30	MLSS-30	25.7454	92.7842584	8.23	1.31	14.76	11.11	21.14	12.54	204.16	122.11	297.10	4.95	0.97	892.77	8.71	0.46	6.59	52.73	71.82	7.09
31	MLSS-31	25.803	92.78	9.52	1.23	26.09	16.47	35.14	11.83	170.40	107.73	377.89	6.06	1.04	860.08	10.02	0.88	7.12	46.02	74.27	6.18
32	MLSS-32	25.803	92.7512518	12.08	1.73	21.02	15.81	32.02	11.59	243.28	86.12	210.75	5.30	1.07	708.70	6.90	0.76	4.92	49.91	63.46	6.80
33	MLSS-33	25.799	92.74	4.79	0.84	15.12	10.75	27.23	4.68	79.48	47.13	94.66	2.26	0.58	425.21	6.73	0.20	4.12	29.50	12.84	1.78
34	MLSS-34	25.803	92.746	8.94	1.23	43.86	13.10	35.45	8.97	126.42	81.09	168.55	3.56	0.87	701.99	5.49	0.40	3.98	34.05	26.67	3.59
35	MLSS-35	25.7467	92.8072637	13.19	1.52	25.77	14.81	25.62	9.61	155.98	98.05	380.43	7.13	0.96	795.96	11.23	0.74	3.42	37.73	25.33	4.26
36	MLSS-36	25.7497	92.8005508	6.07	0.89	27.08	12.16	35.28	6.65	107.43	56.05	142.15	5.94	1.02	451.24	4.58	0.59	26.48	28.68	74.87	6.51
37	MLSS-37	25.812	92.778	6.29	1.11	11.96	14.22	34.88	9.14	175.40	89.65	243.88	4.62	0.88	658.54	7.19	4.97	402.18	39.84	56.35	4.40
38	MLSS-38	25.7553	92.792358	6.89	1.02	17.27	13.15	32.27	6.71	113.78	68.92	162.40	2.50	0.70	482.96	4.73	0.31	376.53	28.57	22.63	3.01
39	MLSS-39	25.737	92.782	8.64	1.28	16.26	12.13	26.11	7.36	123.81	85.21	99.25	2.62	0.67	673.95	6.20	0.24	363.11	31.21	23.21	2.44
40	MLSS-40	25.8008	92.742315	7.23	0.84	25.47	15.18	27.22	6.55	88.74	47.66	156.30	4.71	0.75	446.10	5.21	0.49	339.24	28.05	40.65	4.31
41	MLSS-41	25.7851	92.7647205	10.86	1.47	33.82	16.67	33.59	12.64	229.58	69.91	243.91	6.43	1.16	822.69	6.34	1.18	335.06	41.18	81.14	9.04
42	MLSS-42	25.727	92.781	10.83	1.43	36.48	16.79	52.92	10.15	142.84	85.00	394.56	8.58	1.56	709.13	14.15	0.86	199.57	42.17	26.25	4.64
43	MLSS-43	25.742	92.787	14.22	1.62	30.18	17.50	47.11	10.64	190.96	123.15	974.91	14.12	1.32	846.29	33.09	0.90	171.87	46.07	77.86	7.85
44	MLSS-44	25.814	92.821	6.31	0.73	22.40	13.20	30.06	9.24	118.75	94.94	300.29	2.79	0.76	757.74	9.62	0.55	185.77	49.41	89.55	6.96



Sl. No.	Sample No.	Latitude	Longitude	Li	Be	V	Cu	Zn	Ga	Rb	Sr	Zr	Nb	Sn	Ba	Hf	Ta	W	Pb	Th	U
45	MLSS-45	25.8018	92.7570678	12.29	1.50	33.50	16.68	42.61	9.86	164.11	68.70	179.83	3.37	1.01	548.38	6.40	0.74	208.72	39.92	38.63	4.44
46	MLSS-46	25.7766	92.7589507	6.52	1.00	9.50	14.37	46.60	8.09	178.32	98.97	200.75	1.51	0.84	795.67	7.34	0.44	233.23	44.16	33.22	3.45
47	MLSS-47	25.815	92.772	7.81	1.33	15.92	13.11	39.55	9.88	209.60	102.17	175.20	2.26	0.96	820.79	5.70	0.35	2.84	49.27	18.13	2.90
48	MLSS-48	25.7329	92.8097759	8.95	0.83	18.82	12.90	53.29	6.69	98.72	52.35	227.09	2.84	0.94	364.82	7.73	0.43	2.72	32.84	28.81	5.22
49	MLSS-49	25.749	92.783	8.50	1.29	16.63	11.86	67.98	8.51	138.79	102.26	612.76	5.94	1.03	734.72	20.64	0.80	2.15	29.98	14.58	3.29
50	MLSS-50	25.772	92.761	34.75	2.31	93.35	37.86	95.45	13.92	109.87	36.10	175.78	9.56	2.12	331.29	5.49	1.51	4.15	27.08	32.66	5.97
51	MLSS-51	25.725	92.767	21.61	1.35	33.65	15.30	135.45	8.58	103.86	67.55	395.37	6.35	1.37	550.25	12.30	0.66	2.03	27.49	35.26	6.13
52	MLSS-52	25.798	92.745	28.24	1.97	80.24	23.04	67.08	19.51	204.66	97.67	289.95	5.58	2.68	959.01	8.29	1.04	156.02	41.49	50.03	6.60
53	MLSS-53	25.739	92.8176911	27.50	1.92	86.40	24.02	712.47	12.42	93.30	46.72	356.04	4.93	1.35	351.63	10.18	1.22	134.06	47.79	75.87	9.39
54	MLSS-54	25.733	92.761	41.54	3.27	133.04	35.56	75.31	27.88	264.24	84.02	261.48	13.52	3.84	835.55	8.43	2.17	67.66	58.91	59.77	8.92
55	MLSS-55	25.81	92.83	9.15	1.57	22.76	14.69	31.70	10.18	157.11	165.87	158.20	3.60	0.96	1300.00	5.32	0.98	193.41	49.80	18.83	2.24
56	MLSS-56	25.793	92.744	10.52	1.32	14.49	13.56	43.12	12.31	276.90	140.93	248.70	2.45	1.28	1200.00	7.93	0.63	218.17	62.62	32.05	4.33
57	MLSS-57	25.802	92.787	10.16	1.41	19.09	14.12	46.46	13.19	235.10	111.09	285.33	3.52	1.15	961.85	9.40	0.73	181.76	52.47	95.14	7.34
58	MLSS-58	25.761	92.764	10.06	1.45	20.59	11.93	24.86	13.90	219.21	112.97	274.13	3.27	1.17	1000.00	9.40	0.62	164.09	57.18	83.70	8.42