

Details of the 65 Nos. of Pit 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	MLS-01	25.80916594	92.84796618	2.55	39.76	107.21	213.71	22.28	80.43	14.37	1.28	12.82	1.97	9.84	1.62	3.36	0.33	2.18	0.29	511.43	513.98
2	MLS-02	25.80916594	92.84796618	13.25	20.92	57.18	116.93	11.66	41.83	6.52	0.98	5.71	0.80	4.24	0.90	2.10	0.23	1.82	0.30	272.11	285.36
3	MLS-03	25.83266576	92.83888107	7.57	14.30	32.90	62.40	6.05	22.29	3.96	0.66	3.49	0.58	2.99	0.61	1.43	0.17	1.30	0.22	153.34	160.91
4	MLS-04	25.83092633	92.82404289	16.83	28.11	50.47	105.01	10.92	40.70	7.65	1.46	6.40	1.08	5.90	1.23	2.96	0.33	2.38	0.37	264.97	281.81
5	MLS-05	25.83266576	92.83888107	10.92	51.98	106.62	179.48	21.47	76.41	13.38	2.14	11.58	1.99	10.67	2.11	4.61	0.50	3.54	0.58	487.05	497.96
6	MLS-06	25.79632833	92.81346057	10.10	51.94	112.40	203.41	27.19	80.55	14.38	2.12	11.93	2.00	10.44	1.96	4.59	0.44	3.81	0.66	527.82	537.92
7	MLS-07	25.75914363	92.78955102	13.73	31.07	70.41	139.64	13.99	51.03	9.04	1.33	7.65	1.31	6.95	1.30	3.15	0.34	2.53	0.39	340.14	353.87
8	MLS-8	25.813	92.833	26.58	57.26	78.03	166.18	17.48	64.13	11.45	2.40	10.70	1.82	10.81	2.13	5.56	0.81	5.20	0.73	434.70	461.28
9	MLS-9	25.77457637	92.74618205	10.64	35.53	75.22	150.08	14.95	53.11	9.72	1.48	8.52	1.40	8.08	1.33	3.37	0.48	2.82	0.40	366.48	377.12
10	MLS-10	25.73897133	92.81769108	19.23	36.07	60.44	116.02	12.47	45.11	8.35	1.49	7.27	1.27	7.20	1.43	3.82	0.54	3.26	0.44	305.17	324.39
11	MLS-11	25.767	92.741	8.91	31.16	51.68	83.39	10.47	36.66	7.64	1.61	6.88	1.22	6.30	1.22	3.43	0.58	3.95	0.59	246.77	255.67
12	MLS-12	25.802	92.805	12.75	40.24	63.66	134.09	13.69	48.89	9.13	1.53	7.75	1.25	7.40	1.38	3.42	0.45	2.57	0.32	335.78	348.54
13	MLS-13	25.817	92.826	25.22	46.43	73.92	144.62	16.81	61.78	11.22	2.65	10.39	1.70	9.51	1.81	4.89	0.65	3.69	0.50	390.57	415.79
14	MLS-14	25.739	92.805	16.26	81.78	82.11	160.11	18.69	69.95	12.95	1.77	12.09	2.39	14.62	3.18	9.43	1.38	8.22	1.09	479.78	496.03
15	MLS-15	25.76480493	92.75244635	10.51	27.63	63.67	138.41	12.80	45.25	8.44	1.08	7.34	1.17	6.50	1.05	2.66	0.36	2.14	0.35	318.83	329.35
16	MLS-16	25.82577308	92.83573899	22.00	44.30	51.11	117.05	11.58	41.53	7.80	1.76	6.97	1.29	8.07	1.64	4.79	0.67	4.29	0.58	303.43	325.43
17	MLS-17	25.7247639	92.79351834	23.29	55.62	92.57	232.20	20.54	72.89	12.52	1.97	11.02	1.94	10.85	2.14	5.76	0.87	4.83	0.61	526.32	549.62
18	MLS-18	25.795	92.84	16.55	29.67	56.44	118.40	12.49	45.81	7.74	1.45	6.51	1.09	5.76	1.14	3.23	0.45	2.42	0.34	292.93	309.48
19	MLS-19	25.74349325	92.81546552	16.87	56.38	81.48	224.27	18.14	67.95	12.46	2.26	11.28	1.89	11.25	2.13	5.69	0.76	4.69	0.67	501.29	518.16
20	MLS-20	25.818	92.834	17.28	19.32	27.95	84.73	5.45	19.21	3.33	0.68	3.28	0.52	3.34	0.67	1.95	0.30	1.90	0.26	172.87	190.15
21	MLS-21	25.817	92.818	18.77	31.72	63.82	135.82	13.46	49.30	8.54	1.37	7.70	1.17	6.46	1.24	3.06	0.39	2.43	0.31	326.79	345.55
22	MLS-22	25.75	92.755	22.61	47.62	64.46	164.17	13.76	49.70	8.64	1.57	7.74	1.39	8.66	1.68	5.02	0.71	4.55	0.58	380.26	402.87
23	MLS-23	25.794	92.825	11.59	30.52	72.82	148.03	15.18	54.92	9.46	1.18	8.22	1.31	6.58	1.17	2.96	0.39	2.73	0.41	355.88	367.46
24	MLS-24	25.79974418	92.82140929	7.33	27.89	66.34	140.16	13.12	47.37	8.05	1.13	6.71	1.15	6.01	1.02	2.53	0.34	2.06	0.27	324.15	331.48
25	MLS-25	25.808	92.841	15.14	35.35	68.94	146.14	14.26	51.52	8.87	1.50	7.70	1.22	6.97	1.29	3.59	0.46	2.68	0.39	350.91	366.04
26	MLS-26	25.802	92.805	16.99	44.94	84.03	176.40	17.85	65.05	11.29	1.90	10.04	1.59	9.31	1.72	4.38	0.54	3.08	0.38	432.50	449.49
27	MLS-27	25.75405581	92.77177099	16.87	46.44	72.18	154.10	15.25	54.40	9.63	1.59	8.91	1.51	8.80	1.67	4.71	0.74	4.44	0.56	384.94	401.80
28	MLS-28	25.80309956	92.74665479	41.58	67.32	49.08	68.64	11.08	41.62	8.09	2.15	8.37	1.54	10.51	2.24	7.15	1.03	5.99	0.86	285.67	327.25
29	MLS-29	25.80072762	92.74428606	18.21	40.44	55.11	141.16	12.01	43.98	8.55	1.38	8.11	1.41	8.32	1.52	4.40	0.61	4.12	0.57	331.68	349.88
30	MLS-30	25.795	92.806	20.13	87.77	217.65	577.23	47.15	166.61	25.57	4.24	19.41	3.03	17.28	3.31	8.98	1.24	7.69	0.91	1188.07	1208.20
31	MLS-31	25.77	92.772	21.42	36.62	69.82	168.19	13.42	48.18	8.27	1.73	8.13	1.27	7.37	1.46	3.43	0.50	3.16	0.49	372.04	393.46
32	MLS-32	25.799	92.815	10.73	39.96	84.69	179.46	17.71	65.40	11.21	1.85	9.53	1.56	8.32	1.57	4.01	0.49	2.62	0.38	428.75	439.49
33	MLS-33	25.77	92.772	15.22	27.18	71.96	130.46	15.16	48.70	7.60	0.97	6.51	1.00	4.98	0.92	2.27	0.32	1.84	0.30	320.17	335.38
34	MLS-34	25.79737579	92.84543518	18.35	33.91	58.01	117.18	12.31	45.19	8.25	1.44	6.69	1.08	6.74	1.17	3.38	0.45	2.76	0.36	298.91	317.27
35	MLS-35	25.754	92.809	15.43	28.51	42.43	87.81	8.88	32.16	5.96	1.10	5.29	0.91	5.66	1.02	3.02	0.43	2.63	0.34	226.15	241.58
36	MLS-36	25.78131353	92.76447136	22.22	90.33	100.92	232.59	22.12	81.30	15.13	2.15	14.63	2.69	16.39	3.29	9.71	1.35	7.52	0.98	601.10	623.32
37	MLS-37	25.82995219	92.83939518	15.84	67.84	95.13	185.47	20.88	73.75	14.45	2.24	13.30	2.33	13.54	2.48	6.43	0.91	5.22	0.73	504.71	520.55
38	MLS-38	25.77079265	92.78001778	17.65	32.51	51.38	114.23	11.22	42.93	7.49	1.52	6.86	1.08	6.31	1.28	3.59	0.48	3.01	0.43	284.31	301.96
39	MLS-39	25.78131353	92.76447136	16.72	53.72	79.42	152.70	17.04	64.47	11.48	2.05	10.86	1.75	10.48	1.94	5.46	0.75	4.64	0.63	417.38	434.10
40	MLS-40	25.82995219	92.83939518	13.68	36.62	50.46	101.31	11.56	42.81	7.76	1.55	7.11	1.20	7.17	1.28	3.80	0.53	3.01	0.42	276.58	290.26
41	MLS-41	25.77079265	92.78001778	16.11	29.78	61.74	125.79	12.80	46.34	8.26	1.32	6.99	1.12	5.94	1.07	2.94	0.41	2.72	0.32	307.55	323.66
42	MLS-42	25.78745106	92.78007276	14.97	44.74	62.93	122.28	13.56	49.89	9.22	1.75	8.49	1.47	8.76	1.70	4.48	0.69	4.13	0.57	334.67	349.64

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	MLS-43	25.73108406	92.75529854	20.47	68.12	105.08	191.72	22.84	81.30	14.12	2.11	13.05	2.06	12.39	2.51	6.94	0.83	4.70	0.64	528.41	548.88
44	MLS-44	25.73108406	92.75529854	14.92	32.13	56.37	167.48	12.22	45.44	7.94	1.56	7.30	1.14	6.11	1.16	3.35	0.41	2.47	0.40	345.48	360.40
45	MLS-45	25.72478535	92.7527365	14.87	28.60	48.86	100.32	10.63	38.93	7.22	1.18	6.08	1.00	5.28	1.08	2.84	0.42	2.48	0.32	255.25	270.12
46	MLS-46	25.72478535	92.7527365	17.01	32.39	64.96	147.96	13.60	48.69	8.19	1.44	7.20	1.16	7.19	1.38	3.64	0.50	2.84	0.35	341.46	358.48
47	MLS-47	25.72010987	92.77085703	17.67	35.69	78.44	188.13	15.72	53.74	8.90	1.35	7.65	1.20	6.92	1.39	3.44	0.45	2.77	0.32	406.10	423.77
48	MLS-48	25.81151839	92.76351716	23.61	51.72	69.26	149.87	15.22	55.92	10.84	2.02	9.63	1.70	9.88	1.87	5.35	0.74	4.53	0.64	389.19	412.80
49	MLS-49	25.77073257	92.7009992	8.25	23.81	61.02	118.88	12.43	45.00	7.98	0.98	6.74	0.97	5.37	0.90	2.34	0.29	1.91	0.23	288.87	297.12
50	MLS-50	25.72802294	92.75306024	20.86	49.61	85.36	171.12	17.45	62.82	10.36	1.71	9.25	1.57	9.28	1.80	5.04	0.69	4.11	0.49	430.65	451.51
51	MLS-51	25.83266576	92.83888107	17.35	26.84	47.04	93.93	10.33	36.54	7.07	1.32	5.87	0.92	5.09	1.14	2.76	0.42	2.32	0.33	241.91	259.26
52	MLS-52	25.75914363	92.78955102	16.94	64.93	82.59	155.93	17.58	64.03	11.65	1.66	10.91	1.88	11.38	2.30	6.85	0.90	5.36	0.74	438.68	455.62
53	MLS-53	25.74524936	92.78521489	11.14	52.72	91.99	169.55	20.44	71.24	13.77	1.63	10.10	2.15	11.84	2.24	5.71	0.76	5.26	0.60	460.00	471.14
54	MLS-54	25.74524936	92.78521489	20.27	34.42	49.54	117.98	12.30	49.15	8.73	1.46	6.96	1.19	7.16	1.22	3.69	0.50	3.43	0.45	298.18	318.45
55	MLS-55	25.74919727	92.7995354	17.17	102.49	138.72	301.09	38.82	106.75	20.52	2.28	16.57	2.91	18.28	3.52	10.59	1.36	7.57	1.12	772.59	789.75
56	MLS-56	25.81806723	92.78690133	18.45	130.58	303.56	517.83	62.50	231.51	35.11	5.14	24.48	3.91	22.01	4.14	12.26	1.88	10.06	1.53	1366.49	1384.95
57	MLS-57	25.7759196	92.7980883	4.45	34.63	92.75	173.18	20.73	62.27	11.42	1.06	9.47	1.53	7.73	1.26	3.17	0.41	2.38	0.38	422.36	426.81
58	MLS-58	25.79662657	92.82912997	11.58	38.87	103.70	197.40	23.71	79.90	11.50	1.48	10.37	1.68	9.75	1.63	4.22	0.49	3.04	0.44	488.18	499.76
59	MLS-59	25.80231355	92.83970632	10.88	28.64	58.56	126.63	14.67	45.35	8.28	1.18	5.86	1.06	6.87	1.07	2.80	0.38	2.49	0.33	304.16	315.05
60	MLS-60	25.74356181	92.78775461	19.97	107.98	130.68	425.49	32.39	112.13	18.89	2.41	17.20	3.00	18.24	3.64	11.72	1.51	10.08	1.32	896.68	916.65
61	MLS-61	25.76116221	92.7655154	9.87	50.29	107.36	256.87	28.61	100.31	17.75	1.71	13.53	2.48	13.21	2.08	5.50	0.69	4.17	0.60	605.17	615.05
62	MLS-62	25.79737579	92.84543518	16.50	44.37	100.70	220.95	22.80	74.43	13.46	1.82	10.80	1.71	10.17	1.76	4.15	0.64	3.82	0.55	512.14	528.65
63	MLS-63	25.81360701	92.76809704	20.15	45.37	76.85	176.99	20.32	64.63	11.60	1.90	8.90	1.61	10.64	1.89	4.72	0.68	4.23	0.69	431.02	451.17
64	MLS-64	25.74974387	92.80177284	17.41	35.07	58.26	146.99	13.58	42.61	6.72	0.92	5.80	1.01	6.65	1.25	3.81	0.47	2.53	0.43	326.11	343.52
65	MLS-65	25.79737579	92.84543518	19.48	85.68	97.86	221.75	25.73	85.12	15.44	2.70	14.36	2.61	16.40	3.08	9.16	1.25	7.96	1.13	590.24	609.72

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	MLS-01	25.80916594	92.84796618	4.69	2.00	12.43	11.95	18.91	13.65	106.70	80.10	192.48	3.47	BDL	590.39	6.46	0.36	392.28	35.52	65.47	5.41
2	MLS-02	25.80916594	92.84796618	34.13	1.16	100.47	28.07	39.35	17.92	118.35	35.81	169.40	11.30	0.15	308.45	5.72	2.12	14.67	26.11	32.87	4.91
3	MLS-03	25.83266576	92.83888107	21.32	2.32	57.61	28.39	34.31	9.77	56.59	29.06	100.79	6.10	BDL	249.00	3.59	0.91	66.06	17.39	16.09	2.07
4	MLS-04	25.83092633	92.82404289	43.18	3.47	110.04	32.65	62.38	20.57	127.87	47.83	121.05	9.04	0.15	318.77	3.80	1.37	6.01	29.32	23.46	3.99
5	MLS-05	25.83266576	92.83888107	25.19	2.62	57.83	23.19	53.86	20.22	171.72	73.73	268.14	10.55	0.14	702.76	8.80	2.44	24.13	41.32	50.48	7.22
6	MLS-06	25.79632833	92.81346057	20.72	1.96	59.02	23.65	48.88	21.39	191.39	88.82	314.12	12.28	0.15	837.13	10.43	2.13	4.86	49.25	59.38	7.68
7	MLS-07	25.75914363	92.78955102	39.20	0.70	95.74	30.25	42.64	20.46	135.08	32.22	162.91	8.26	0.14	296.19	5.81	1.30	4.54	26.57	35.68	5.06
8	MLS-8	25.813	92.833	33.15	2.20	156.28	56.87	175.74	27.43	176.57	39.20	227.45	10.36	3.81	468.61	7.12	1.44	5.52	47.70	34.86	7.07
9	MLS-9	25.77457637	92.74618205	25.11	1.60	60.05	26.64	84.93	28.41	309.69	71.50	390.27	9.12	4.25	770.37	11.66	1.70	3.67	55.86	43.44	6.12
10	MLS-10	25.73897133	92.81769108	60.43	1.60	156.44	35.13	59.36	25.11	139.75	38.67	198.06	8.08	3.03	253.94	5.93	1.53	4.19	37.08	31.07	5.33
11	MLS-11	25.767	92.741	33.65	1.00	30.45	34.93	251.61	31.51	306.11	66.64	342.42	8.44	5.14	769.80	11.21	2.65	3.22	81.29	27.59	8.55
12	MLS-12	25.802	92.805	37.50	2.40	79.45	31.96	74.38	20.24	205.92	62.62	176.81	7.58	4.53	539.16	5.34	1.20	2.43	41.04	29.89	6.15
13	MLS-13	25.817	92.826	48.88	2.60	130.50	57.48	78.60	31.90	179.14	26.13	220.82	10.93	4.38	329.83	7.04	2.98	14.66	43.37	28.93	5.41
14	MLS-14	25.739	92.805	50.22	2.80	111.86	32.48	81.43	26.42	233.37	62.24	298.98	9.89	5.77	579.16	8.88	1.78	3.49	45.48	47.51	9.98
15	MLS-15	25.76480493	92.75244635	19.42	2.00	64.36	30.87	65.39	20.94	171.89	56.23	373.26	8.33	3.02	552.16	11.20	1.74	136.01	48.69	40.59	8.38
16	MLS-16	25.82577308	92.83573899	40.68	2.80	128.97	37.85	72.38	30.50	219.36	59.75	178.55	11.14	3.81	2000.00	5.38	2.76	28.92	33.74	24.37	4.14
17	MLS-17	25.7247639	92.79351834	53.74	2.80	145.38	34.00	83.13	38.07	194.39	49.99	287.44	13.25	5.34	357.57	8.17	2.22	52.93	59.59	58.76	8.43
18	MLS-18	25.795	92.84	44.70	2.60	133.53	37.91	63.26	23.41	142.07	62.08	160.85	8.18	2.80	416.40	4.12	1.08	4.39	36.73	24.79	4.40
19	MLS-19	25.74349325	92.81546552	47.54	2.20	121.24	67.19	85.09	23.19	145.02	48.90	202.90	7.06	3.02	583.75	5.60	0.83	4.15	55.75	28.38	4.72
20	MLS-20	25.818	92.834	35.66	1.80	104.74	29.30	64.36	24.25	177.03	43.22	175.87	9.19	3.27	382.36	5.44	2.40	5.44	28.18	26.51	3.73
21	MLS-21	25.817	92.818	32.14	0.60	107.09	48.98	69.32	25.06	221.76	39.09	202.60	9.29	3.87	427.68	6.26	2.43	4.11	36.67	36.67	4.92
22	MLS-22	25.75	92.755	64.62	2.00	152.60	43.88	69.92	33.98	207.90	39.79	217.69	12.14	5.14	373.60	6.31	4.55	5.46	53.99	34.80	9.52
23	MLS-23	25.794	92.825	33.15	1.20	91.91	33.60	47.58	19.58	196.14	59.73	278.44	8.86	2.81	567.19	7.50	2.90	3.03	39.57	43.21	5.91
24	MLS-24	25.79974418	92.82140929	21.43	1.20	49.98	21.02	60.63	16.68	216.26	92.53	258.78	6.00	2.09	707.95	7.74	1.11	2.27	46.36	37.41	5.73
25	MLS-25	25.808	92.841	38.00	1.20	105.55	31.97	55.50	22.06	198.31	55.99	214.87	8.96	3.07	571.18	6.44	1.68	3.76	46.85	34.38	6.01
26	MLS-26	25.802	92.805	45.20	3.00	104.14	34.10	91.15	29.63	304.53	81.94	249.19	13.90	6.35	747.78	6.62	3.46	3.49	51.18	38.65	8.20
27	MLS-27	25.75405581	92.77177099	49.38	2.00	97.18	33.37	83.16	32.93	280.77	40.81	282.09	10.44	3.99	451.63	8.81	2.03	3.51	54.65	39.92	9.83
28	MLS-28	25.80309956	92.74665479	37.33	4.40	171.53	24.77	239.38	26.12	68.29	5.74	218.93	5.81	2.44	242.62	6.44	1.24	6.71	24.24	16.01	5.42
29	MLS-29	25.80072762	92.74428606	34.32	3.40	165.81	56.60	87.76	26.17	201.10	54.26	336.81	10.47	4.28	569.13	10.03	2.43	53.97	42.73	36.54	11.08
30	MLS-30	25.795	92.806	46.20	2.80	145.09	38.51	109.40	36.74	242.10	117.26	177.34	19.51	4.55	918.30	5.88	2.90	5.05	47.44	75.09	9.47
31	MLS-31	25.77	92.772	27.29	3.00	111.38	38.47	320.55	34.57	134.76	42.80	382.53	11.46	9.14	371.65	11.79	3.20	39.06	53.43	32.23	8.71
32	MLS-32	25.799	92.815	29.80	2.60	69.02	26.84	79.34	20.66	246.20	142.42	277.66	7.70	3.45	1200.00	8.23	1.31	79.39	62.29	38.50	5.90
33	MLS-33	25.77	92.772	48.62	2.00	131.76	35.56	46.58	21.14	156.74	34.54	216.11	9.91	2.56	320.86	6.43	1.56	3.64	28.30	38.02	6.44
34	MLS-34	25.79737579	92.84543518	48.04	0.80	113.37	34.91	66.72	22.83	156.04	44.44	146.30	8.58	3.31	382.41	4.45	1.64	16.52	35.51	25.30	4.85
35	MLS-35	25.754	92.809	35.99	0.80	108.31	31.91	127.28	18.62	149.16	28.54	195.02	7.16	2.59	224.06	6.10	1.31	77.23	23.56	19.88	2.81
36	MLS-36	25.78131353	92.76447136	57.42	3.40	130.96	43.26	93.94	35.87	255.66	51.21	190.79	12.38	5.24	752.17	5.90	2.23	35.45	51.09	57.56	9.16
37	MLS-37	25.82995219	92.83939518	32.64	3.20	88.43	36.79	78.97	34.52	283.43	48.33	398.00	12.23	4.96	552.27	11.99	3.44	73.89	73.70	55.76	16.56
38	MLS-38	25.77079265	92.78001778	46.37	2.40	128.29	37.15	53.14	22.49	144.62	33.01	203.14	6.79	2.62	273.57	6.08	1.03	37.64	27.94	22.58	3.85
39	MLS-39	25.78131353	92.76447136	30.97	2.40	113.10	45.02	87.03	25.46	197.53	53.71	273.68	8.52	3.44	676.93	8.32	1.86	30.97	45.48	37.34	7.95
40	MLS-40	25.82995219	92.83939518	42.35	1.60	118.23	45.42	62.99	20.82	124.91	29.59	113.78	7.17	2.50	294.69	3.44	1.70	25.23	29.53	20.16	3.56
41	MLS-41	25.77079265	92.78001778	42.69	1.40	134.16	33.80	53.04	27.63	204.76	39.28	251.58	9.28	3.77	419.19	7.21	2.10	10.33	35.72	34.17	6.70

Sl. No.	Sample No.	Latitude	Longitude	Li	Be	V	Cu	Zn	Ga	Rb	Sr	Zr	Nb	Sn	Ba	Hf	Ta	W	Pb	Th	U
42	MLS-42	25.78745106	92.78007276	41.35	2.60	98.09	37.70	144.53	27.66	205.93	43.16	262.65	10.82	4.40	468.43	8.19	2.30	18.40	43.66	31.40	9.21
43	MLS-43	25.73108406	92.75529854	54.24	3.00	139.34	49.50	95.95	35.33	287.50	43.04	167.78	13.54	6.05	466.04	5.16	3.65	20.32	45.43	53.44	7.38
44	MLS-44	25.73108406	92.75529854	38.17	1.60	122.38	39.42	79.30	20.42	113.46	53.78	118.60	5.76	2.06	408.64	3.40	0.77	2.76	52.07	20.54	2.85
45	MLS-45	25.72478535	92.7527365	36.66	0.80	114.55	35.21	42.42	18.58	118.55	30.54	169.92	7.51	2.49	225.86	4.79	1.00	4.29	22.43	22.90	3.41
46	MLS-46	25.72478535	92.7527365	48.21	2.20	124.34	42.92	54.77	25.36	141.16	36.41	196.15	13.97	3.82	308.04	5.56	1.73	4.47	35.63	33.59	5.02
47	MLS-47	25.72010987	92.77085703	45.87	1.80	121.81	37.35	77.60	29.87	221.31	47.80	222.62	12.34	4.62	410.21	6.33	1.62	3.14	39.25	45.94	4.74
48	MLS-48	25.81151839	92.76351716	37.83	2.40	130.37	49.39	96.78	28.18	152.65	26.14	294.01	14.01	4.40	324.41	8.46	2.21	5.15	38.68	37.14	5.62
49	MLS-49	25.77073257	92.7009992	25.11	0.80	64.65	26.83	44.42	13.93	133.49	44.03	227.11	9.79	2.53	396.77	7.05	1.36	3.70	29.95	36.64	4.99
50	MLS-50	25.72802294	92.75306024	48.38	1.20	119.68	59.67	92.35	27.46	256.41	61.39	199.37	14.25	4.79	600.06	5.78	2.62	33.42	43.73	41.53	6.35
51	MLS-51	25.83266576	92.83888107	52.73	0.60	129.09	32.32	53.67	20.14	129.67	46.34	127.78	7.28	2.73	288.21	4.00	1.12	3.69	28.27	21.85	4.01
52	MLS-52	25.75914363	92.78955102	42.86	2.40	108.41	46.15	72.18	27.80	231.71	41.30	275.44	10.28	3.86	425.67	8.21	1.95	4.54	44.15	49.46	7.66
53	MLS-53	25.74524936	92.78521489	34.53	3.14	91.06	41.31	99.41	23.74	230.72	31.13	237.03	8.43	2.29	406.86	8.14	1.28	30.07	51.64	45.13	11.48
54	MLS-54	25.74524936	92.78521489	60.11	2.12	157.24	32.68	55.81	25.34	170.72	29.47	168.02	9.27	2.57	288.90	4.87	2.24	51.17	27.46	26.56	4.19
55	MLS-55	25.74919727	92.7995354	48.56	3.99	119.61	46.54	72.48	29.94	228.92	46.66	234.42	11.68	3.22	415.55	8.71	2.68	153.73	58.68	70.04	10.67
56	MLS-56	25.81806723	92.78690133	40.78	4.82	146.17	39.37	113.05	34.79	202.57	125.81	114.67	12.82	3.23	1200.00	4.55	1.45	143.32	48.45	80.72	9.18
57	MLS-57	25.7759196	92.7980883	15.85	0.97	42.34	15.81	25.15	7.34	89.13	50.60	156.25	4.79	1.02	473.07	4.67	1.03	142.42	27.99	50.94	5.73
58	MLS-58	25.79662657	92.82912997	30.95	2.02	76.45	31.64	45.81	19.42	206.85	62.58	233.29	5.68	2.12	616.67	8.29	0.78	72.18	48.65	54.70	7.70
59	MLS-59	25.80231355	92.83970632	33.33	1.84	82.46	22.74	35.75	16.11	154.56	48.88	154.21	6.48	2.06	521.96	5.20	1.17	4.66	32.54	29.45	5.27
60	MLS-60	25.74356181	92.78775461	52.61	3.11	146.64	46.62	61.76	37.20	137.40	24.11	161.80	11.14	3.82	251.72	5.78	1.71	4.71	58.90	52.49	8.26
61	MLS-61	25.76116221	92.7655154	28.28	2.59	67.60	29.59	71.93	15.55	216.67	76.19	312.46	7.22	2.47	681.89	11.50	1.37	3.59	46.29	75.77	11.29
62	MLS-62	25.79737579	92.84543518	40.60	2.79	101.77	38.31	77.36	24.54	248.22	56.39	292.31	10.59	3.31	727.70	10.05	2.46	3.89	48.18	46.05	8.19
63	MLS-63	25.81360701	92.76809704	46.50	4.37	118.94	46.47	79.18	28.00	219.99	28.50	220.08	8.37	3.51	428.52	8.16	2.13	4.37	54.64	42.21	4.85
64	MLS-64	25.74974387	92.80177284	47.77	2.35	110.08	34.38	89.65	27.12	197.58	32.39	208.53	10.56	2.80	351.63	5.38	1.83	4.63	32.86	38.88	5.67
65	MLS-65	25.79737579	92.84543518	42.25	4.96	67.45	52.23	199.56	26.24	279.56	48.91	203.35	10.68	3.31	779.84	7.40	1.79	10.10	49.58	48.35	10.25