

Details of 5 Nos of External Check samples analysed for REE and associated Trace Elements (34 Element) by ICPMS

S.N.	External Check Sample No	Primary Sample No	Sc		Y		La		Ce		Pr		Nd		Sm		Eu	
			Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check
1	MUEC 01	MUBRS04	35.49	18.33	81.10	18.47	183.46	69.98	399.51	124.97	40.92	16.59	157.78	60.05	22.31	8.14	4.97	2.06
2	MUEC 02	MUBRS06	26.46	10.91	150.42	144.52	446.63	106.34	847.32	197.25	86.74	26.92	331.11	101.14	65.17	19.93	4.85	1.89
3	MUEC 03	MUBRS13	33.58	18.46	89.80	27.52	142.76	62.91	326.86	122.18	32.77	15.51	127.45	55.71	20.24	8.56	4.30	2.06
4	MUEC 04	MUBRS19	29.97	15.67	74.90	17.95	248.28	78.63	343.58	111.01	39.52	16.10	143.40	55.14	20.12	7.55	4.18	1.78
5	MUEC 05	MUBRS50	45.13	22.31	77.87	18.18	121.77	44.74	274.42	83.98	28.20	10.92	111.29	39.14	18.67	6.36	4.43	1.76

S.N.	External Check Sample No	Primary Sample No	Gd		Tb		Dy		Ho		Er		Tm		Yb		Lu	
			Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check
1	MUEC 01	MUBRS04	16.98	6.36	2.50	0.73	12.49	3.42	2.81	0.69	7.48	1.94	1.15	0.26	6.70	1.69	0.93	0.24
2	MUEC 02	MUBRS06	53.92	22.20	8.37	3.63	34.45	21.89	5.38	4.97	11.47	15.46	1.50	2.41	6.65	16.24	0.82	2.30
3	MUEC 03	MUBRS13	16.62	7.41	2.64	0.96	14.46	5.03	3.10	1.03	9.03	2.92	1.37	0.42	8.39	2.74	1.16	0.37
4	MUEC 04	MUBRS19	15.55	6.11	2.41	0.70	11.67	3.35	2.57	0.66	7.02	1.87	1.02	0.25	6.11	1.57	0.86	0.24
5	MUEC 05	MUBRS50	14.91	5.55	2.44	0.68	12.49	3.37	2.65	0.66	7.22	1.86	1.11	0.26	6.59	1.66	0.88	0.24

S.N.	External Check Sample No	Primary Sample No	V		Cr		Co		Ni		Cu		Zn		Ga		Rb		Sr	
			Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check
1	MUEC 01	MUBRS04	225.94	173.82	416.92	236.04	41.25	43.53	211.09	76.18	40.89	23.04	80.28	69.98	20.49	13.27	103.51	102.51	1200.00	702.48
2	MUEC 02	MUBRS06	87.75	90.16	133.46	134.91	12.73	21.70	47.57	28.36	21.51	6.01	118.21	74.46	35.81	14.21	246.82	179.75	431.72	485.39
3	MUEC 03	MUBRS13	188.56	114.72	297.12	210.48	65.34	69.11	189.72	97.37	49.32	28.94	103.84	29.76	21.97	16.22	169.01	125.49	1000.00	340.64
4	MUEC 04	MUBRS19	157.12	130.66	371.10	441.48	54.09	73.30	210.86	229.20	42.83	25.49	86.82	51.63	18.55	10.27	156.64	139.46	742.32	496.24
5	MUEC 05	MUBRS50	194.77	155.50	727.22	753.72	72.36	95.03	293.66	323.74	269.97	206.56	90.57	47.25	18.57	10.47	155.42	122.22	908.58	575.59

S.N.	External Check Sample No	Primary Sample No	Zr		Nb		Sn		Hf		Ta		W		Pb		Th		U	
			Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check	Primary	External Check
1	MUEC 01	MUBRS04	232.19	64.80	5.42	23.53	0.12	7.61	7.83	2.90	0.58	1.63	10.12	6.71	34.87	17.73	27.64	12.11	2.99	1.67
2	MUEC 02	MUBRS06	78.39	56.44	8.90	34.60	0.20	8.95	2.52	2.37	1.96	2.84	5.76	5.70	52.31	28.05	274.18	102.14	15.89	12.75
3	MUEC 03	MUBRS13	176.43	89.16	6.94	32.47	0.14	6.78	6.07	3.10	1.25	1.42	93.69	91.37	61.31	31.86	37.86	19.73	3.82	2.50
4	MUEC 04	MUBRS19	233.82	66.42	5.59	27.00	0.10	6.24	6.44	2.35	0.77	1.50	86.03	99.44	31.18	21.47	40.94	18.89	3.67	2.10
5	MUEC 05	MUBRS50	338.82	238.46	5.67	32.99	BDL	7.35	9.00	6.10	0.86	1.72	84.07	74.99	17.63	11.48	25.19	9.01	3.72	2.13