

APPENDIX 2

Values of LREE (La-Nd), MREE (Sm-Ho), HREE (Er-Lu) content and La/Y, Eu/Eu*, Ce/Ce*, (La/Sm)_n, (La/Yb)_n, and (Gd/Yb) ratios

	Nabijan			Sungun			Mazraeh-e-Shadi			Mazraeh		
	Max	Min	Average	Max	Min	Average	Max	Min	Average	Max	Min	Average
LREE La-Nd	101.50	48.50	85.48	108.57	60.96	78.45	208.10	152.20	181.58	108.00	65.50	82.38
MREE Sm-Ho	11.30	5.30	8.68	8.80	5.29	6.95	21.81	5.30	13.04	9.20	6.20	7.45
HREE Er-Lu	2.10	1.70	1.93	2.59	1.17	1.84	4.32	1.80	2.81	1.90	1.30	1.68
(La/Sm) _n	5.59	4.30	4.53	5.99	4.29	5.37	28.41	5.41	13.35	7.10	3.87	5.25
(La/Yb) _n	46.62	9.32	29.19	29.22	16.92	22.90	88.77	25.00	52.99	39.45	21.52	26.00
(Gd/Yb) _n	5.17	1.57	2.82	2.87	2.29	2.52	3.32	1.57	2.54	4.14	2.25	2.81
La/Y	29.17	20.00	25.46	4.13	1.90	2.83	9.67	3.05	6.13	4.89	2.18	3.04
Ce/Ce*	0.94	0.61	0.77	0.94	0.94	0.94	0.95	0.92	0.94	0.97	0.93	0.96
Eu/Eu*	1.29	0.67	0.95	1.25	0.94	1.11	1.07	0.92	0.97	1.14	0.60	0.89
	Safikhanelo			Zaglic			Sonajil					
	Max	Min	Average	Max	Min	Average	Max	Min	Average			
LREE La-Nd	208.10	179.35	193.58	207.00	124.00	154.27	97.43	70.88	83.97			
MREE Sm-Ho	21.81	11.68	17.92	18.31	13.00	15.34	14.92	8.86	11.10			
HREE Er-Lu	4.32	2.35	3.66	4.75	4.25	4.53	3.01	1.75	2.53			
(La/Sm) _n	6.34	4.14	4.89	5.71	5.25	5.53	4.88	3.36	4.12			
(La/Yb) _n	30.12	17.63	22.79	19.56	11.90	14.91	17.09	8.88	12.34			
(Gd/Yb) _n	3.32	2.84	3.04	2.30	1.69	1.90	2.47	1.66	2.00			
La/Y	3.44	2.15	2.66	2.84	1.84	2.23	2.30	1.32	1.75			
Ce/Ce*	0.98	0.94	0.96	0.97	0.93	0.95	0.98	0.61	0.88			
Eu/Eu*	1.00	0.71	0.88	0.97	0.88	0.93	1.04	0.72	0.88			