

### 7.3.1 Meðalstyrkur frumefna (mg/kg, þurrvigt) í yfirborðssýnum af mosa

			Hellisheiði-neyðarlösun (n=3)				Hellisheiði-borhola 17 (n=3)				Hellisheiði-stöðvarhús (n=8)			
			Meðaltal	Staðalfrávik	min	max	Meðaltal	Staðalfrávik	min	max	Meðaltal	Staðalfrávik	min	max
Al	Al	mg/kg	8.780	1.894	6.750	10.500	7.673	2.032	5.330	8.940	20.400	11.355	10.000	38.900
Arsen	As	mg/kg	0.673	0.507	0.188	1.20	2.03	1.10	0.794	2.92	0.255	0.165	0.100	0.537
Bór	B	mg/kg	3.73	2.42	1.97	6.49	16.07	13.57	3.41	30.40	3.20	1.04	2.46	5.63
Barín	Ba	mg/kg	14.9	2.40	12.1	16.4	11.7	2.10	9.51	13.7	28.0	12.5	17.3	50.0
Kalsín	Ca	mg/kg	6.260	809	5.330	6.800	6.430	2.049	4.070	7.750	16.373	10.347	7.180	34.400
Kadmin	Cd	mg/kg	0.048	0.004	0.043	0.051	0.037	0.007	0.032	0.044	0.052	0.016	0.036	0.083
Kóbalt	Co	mg/kg	3.86	1.24	2.69	5.16	4.33	1.37	2.78	5.37	11.9	7.81	4.29	26.4
Króm	Cr	mg/kg	16.1	3.68	12.7	20.0	19.4	6.77	11.7	24.4	50.9	29.8	18.3	103
Kopar	Cu	mg/kg	14.4	4.01	10.8	18.7	17.6	6.41	10.5	23.0	34.0	18.1	14.8	65.5
Járn	Fe	mg/kg	10.560	2.292	8.080	12.600	9.377	2.813	6.130	11.100	27.025	13.146	11.800	48.700
Kvikasilfur	Hg	mg/kg	0.107	0.012	0.094	0.119	0.064	0.012	0.051	0.076	0.139	0.096	0.020	0.283
Kalín	K	mg/kg	698	63	654	770	1.230	223	1.030	1.470	820	320	492	1.490
Ljúpín	Li	mg/kg	1.19	0.07	1.14	1.24	1.41	0.59	0.78	1.95	1.60	0.89	0.77	3.10
Magnésín	Mg	mg/kg	3.443	887	2.520	4.290	3.650	1.033	2.460	4.320	11.164	8.192	3.820	24.200
Mangan	Mn	mg/kg	132	37.6	95.9	171	128	40.3	82.2	156	362	209	146	728
Mólybden	Mo	mg/kg	0.212	0.015	0.203	0.229	0.279	0.060	0.212	0.328	0.335	0.103	0.245	0.543
Natrín	Na	mg/kg	1.803	254	1.510	1.960	3.373	1.681	1.490	4.720	3.080	1.675	2.040	6.490
Nikul	Ni	mg/kg	9.02	3.21	6.00	12.4	10.9	3.75	6.83	14.2	36.8	31.3	9.89	90.0
Fosfór	P	mg/kg	294	60.7	248	363	171	14.9	154	182	388	213	235	867
Blý	Pb	mg/kg	3.66	0.932	2.77	4.63	2.40	0.795	1.60	3.19	14.16	12.41	2.85	34.90
Brennisteinn	S	mg/kg	638	93.0	556	739	562	97.5	456	648	544	136	440	805
Kísill	Si	mg/kg	17.867	1.909	15.700	19.300	15.267	2.715	13.600	18.400	11.299	4.939	2.100	18.400
Títan	Ti	mg/kg	1.383	251	1.100	1.580	1.155	288	824	1.350	3.025	1.033	1.510	4.530
Vanadín	V	mg/kg	30.0	5.25	24.8	35.3	29.6	8.99	19.2	35.3	83.4	41.9	32.7	154.0
Sink	Zn	mg/kg	17.4	2.95	15.1	20.7	17.6	3.52	13.6	20.2	35.8	15.4	21.8	60.6

			Nesjavellir (n= 10)				Svartsengi (n=6)				Blá fjöll (n=2)			
			Meðaltal	Staðalfrávik	min	max	Meðaltal	Staðalfrávik	min	max	Meðaltal	Staðalfrávik	max	min
Al	Al	mg/kg	6.787	3.041	3.130	13.000	12.770	6.183	5.100	21.000	19.650	5.869	15.500	23.800
Arsen	As	mg/kg	0.597	0.955	0.100	2.50	0.411	0.276	0.100	0.780	0.339	0.337	0.100	0.577
Bór	B	mg/kg	1.60	0.574	1.000	2.53	3.03	1.22	2.07	5.19	3.26	0.255	3.08	3.44
Barín	Ba	mg/kg	11.7	4.36	5.03	19.7	15.0	5.16	8.52	22.6	21.7	7.92	16.1	27.3
Kalsín	Ca	mg/kg	4.504	2.122	1.760	9.180	12.163	8.024	4.120	24.100	17.400	6.081	13.100	21.700
Kadmin	Cd	mg/kg	0.014	0.005	0.009	0.023	0.042	0.025	0.016	0.085	0.069	0.034	0.045	0.092
Kóbalt	Co	mg/kg	2.39	1.35	0.979	5.51	11.7	11.6	1.71	27.4	13.6	7.07	8.60	18.6
Króm	Cr	mg/kg	14.5	7.50	5.84	30.8	52.8	45.1	9.47	117	49.5	25.8	31.2	67.7
Kopar	Cu	mg/kg	11.2	4.51	6.10	20.9	30.9	22.4	10.6	61.4	31.7	9.90	24.7	38.7
Járn	Fe	mg/kg	12.002	5.545	4.310	23.000	20.702	12.963	6.190	38.800	26.300	11.738	18.000	34.600
Kvikasilfur	Hg	mg/kg	0.470	0.184	0.168	0.853	0.227	0.124	0.102	0.446	0.158	0.084	0.099	0.218
Kalín	K	mg/kg	725	211	461	1.090	567	147	402	753	680	143	579	781
Ljúpín	Li	mg/kg	0.570	0.170	0.224	0.852	1.23	0.934	0.500	2.54	1.79	0.106	1.71	1.86
Magnésín	Mg	mg/kg	2.198	1.206	936	5.050	11.172	10.930	2.230	25.400	13.435	6.456	8.870	18.000
Mangan	Mn	mg/kg	101	51.7	38.0	218	305	267	66	707	378	190	243	512
Mólybden	Mo	mg/kg	0.363	0.130	0.184	0.543	0.314	0.118	0.167	0.475	0.216	0.092	0.151	0.281
Natrín	Na	mg/kg	1.273	386	579	1.850	2.183	743	1.370	3.200	3.165	629	2.720	3.610
Nikul	Ni	mg/kg	4.85	2.48	2.27	10.8	43.0	48.5	4.25	108	44.5	20.8	29.8	59.2
Fosfór	P	mg/kg	230	44.1	169	313	239	80.0	156	353	234	89	171	297
Blý	Pb	mg/kg	7.50	7.85	1.70	26.3	14.0	11.7	2.69	29.6	16.3	18.5	3.18	29.4
Brennisteinn	S	mg/kg	2.879	1.143	1.590	4.340	535	152	366	721	321	71	271	371
Kísill	Si	mg/kg	13.839	3.516	6.950	18.500	9.987	4.940	4.220	16.900	13.100	2.687	11.200	15.000
Títan	Ti	mg/kg	1.542	615	619	2.650	2.263	1.119	855	3.890	2.490	1.315	1.560	3.420
Vanadín	V	mg/kg	27.9	15.1	11.3	62.5	62.1	39.2	17.8	124	75.5	37.5	49.0	102
Sink	Zn	mg/kg	12.9	5.14	7.19	23.3	29.5	20.7	10.0	57.8	32.5	9.8	25.5	39.4