Appendix 6. Estimated MAGIC catchment-average soil parameters for sites in the UK Acid Waters Monitoring Network

Lumped soil properties for the UK Acid Waters Monitoring Network catchments: soil depth, soil bulk density, soil pH in water, Exchangeable calcium, magnesium, sodium and potassium, cation exchange capacity (CEC) and percent carbon and nitrogen.

ID	Site Name	Depth	Bulk density	pH	Calcium	Magnesium	Sodium	Potassium	CEC	Carbon	Nitrogen
		m	kg m^{-3}	H_2O			meq kg^{-1}			%	%
1	Loch Coire nan Arr	0.81	1009.9	4.75	3.53	4.18	1.09	0.67	74.23	1.21	0.07
2	Allt aMharcaidh	0.96	727.9	4.50	3.95	4.90	1.00	1.22	154.44	2.35	0.08
3	Allt na Coire nan Con	0.87	860.1	4.58	5.43	6.14	1.30	1.06	172.29	2.77	0.12
4	Lochnagar	0.63	562.4	4.45	8.35	8.50	1.37	1.47	189.26	4.02	0.15
5	Loch Chon	1.00	1037.8	4.59	6.53	4.77	1.01	1.26	137.25	1.76	0.08
6	Loch Tinker	1.00	611.5	4.55	18.04	14.03	2.48	1.79	274.65	3.98	0.16
7	Round Loch of Glenhead	0.76	1036.7	4.58	3.14	4.98	1.12	1.18	153.03	2.50	0.09
8	Loch Grannoch	0.98	742.3	4.56	5.59	7.48	1.35	1.26	187.90	2.65	0.12
9	Dargall Lane	0.38	1277.6	4.70	3.95	2.98	1.55	3.34	242.50	3.68	0.28
10	Scoat Tarn	0.34	477.2	3.78	31.80	29.82	7.44	4.41	943.25	11.95	0.40
11	Burnmoor Tarn	0.55	1035.2	4.38	9.27	6.87	2.08	1.93	239.27	2.93	0.14
12	River Etherow	0.55	580.0	3.81	41.11	42.95	5.55	0.67	1036.57	5.98	0.20
13	Old Lodge	0.97	1400.7	4.55	11.27	4.16	2.30	1.09	108.61	1.52	0.09
14	Narrator Brook	0.96	1405.6	4.77	2.83	1.35	0.94	1.19	103.61	1.19	0.06
15	Llyn Llagi	0.76	1059.6	4.40	10.24	4.07	2.22	1.64	231.29	2.24	0.10
16	Llyn Cwm Mynach	0.45	333.7	3.70	26.59	22.74	9.24	7.63	984.12	14.67	0.50
17	Afon Hafren	0.79	1104.9	4.52	8.75	2.97	1.78	1.27	185.94	2.03	0.09
18	Afon Gwy	0.58	1247.8	4.99	6.17	0.99	0.81	0.50	91.57	1.72	0.10
19	Beaghs Burn	0.94	159.0	3.92	64.08	69.51	10.27	4.11	1118.25	15.15	0.67
20	Bencrom River	0.68	664.7	4.48	9.66	10.64	1.77	1.02	237.00	4.62	0.21
21	Blue Lough	0.85	766.7	4.52	7.29	7.56	1.35	0.87	197.62	3.23	0.15
22	Coneyglen Burn	1.00	539.2	4.38	15.74	16.18	2.66	1.69	304.87	3.99	0.15
23	Loch Coire Fionnaraich	0.81	1016.2	4.72	3.94	4.34	1.09	0.65	80.39	1.19	0.07