

## ERRATUM

Table 1 of “Preliminary Litho geochemistry for Mafic Volcanic Rocks from the Bonavista Peninsula, northeastern Newfoundland”, by A.J. Mills and H.A.I. Sandeman (Current Research Report 2015-1) was incorrect. The authors and publisher apologize for any confusion this inadvertent error may have caused. The correct table is given below.

**Note: 13AM001B is a mafic dyke; 13AM001A is a mafic flow.**

**Table 1.** Litho geochemical data for mafic volcanic rocks from the Bonavista Peninsula. All oxides are in weight % whereas trace elements are given in ppm. UTM coordinates are in NAD27, Zone 22 format. Key: HB = Headland basalts; PCVB<sub>1</sub> = Plate Cove series 1; PCVB<sub>2</sub> = Plate Cove series 2; DP = Dam Pond basalt. FeO<sup>T</sup> = total iron as ferrous iron; < = concentration is below the given detection limit; N/A = not analyzed; CIA = chemical index of alteration =  $[(Al_2O_3)/(Al_2O_3+CaO+Na_2O+K_2O)] * 100$  (Nesbitt and Young, 1982); Mg# =  $MgO/(MgO+FeO^T) * 100$ ; CN subscript denotes chondrite normalized ratios; 13AM301A\* is a duplicate analysis of 13AM301A. Please note that some elements have differing detection limits depending on interference from other elements

Sample	D.L.	13AM301A	13AM301A*	13AM312A	13AM335A	13AM410A	13AM001B	13AM321C	13AM386A	10LN013A	13AM001A	13AM147A
EASTING		304816	304816	310809	308025	310607	311408	312952	313232	313025	311408	311046
NORTHING		5374238	5374238	5373755	5377466	5373622	5367848	5373095	5370614	5370153	5367848	5363023
MAPUNIT		HB	HB	HB	HB	HB	PCVB <sub>1</sub>	PCVB <sub>1</sub>	PCVB <sub>1</sub>	PCVB <sub>1</sub>	PCVB <sub>2</sub>	PCVB <sub>2</sub>
Lithology		basalt flow	basalt flow	basalt flow	basalt flow	basalt flow	basalt flow	basalt flow	basalt flow	basalt flow	basalt dyke	basalt flow
SiO <sub>2</sub>	0.01	46.51	46.88	50.10	46.71	47.43	55.93	55.87	48.63	46.19	46.95	45.41
TiO <sub>2</sub>	0.001	1.02	1.40	1.20	1.01	1.19	1.75	1.57	1.92	1.96	1.87	1.45
Al <sub>2</sub> O <sub>3</sub>	0.01	16.68	17.87	18.16	19.39	18.66	15.17	16.40	15.64	15.55	14.88	16.55
FeO <sup>T</sup>		10.27	11.66	10.54	8.83	10.12	8.89	8.43	10.09	11.41	11.17	10.58
Fe <sub>2</sub> O <sub>3</sub> <sup>T</sup>	0.01	11.41	12.96	11.72	9.82	11.25	9.88	9.37	11.22	12.68	12.41	11.76
Fe <sub>2</sub> O <sub>3</sub>	0.01	9.05	8.74	9.67	8.07	8.82	6.08	7.88	6.57	9.04	2.20	5.35
FeO	0.01	2.12	3.80	1.84	1.57	2.19	3.42	1.34	4.18	3.27	9.19	5.77
MnO	0.001	0.17	0.22	0.19	0.17	0.18	0.13	0.28	0.22	0.26	0.21	0.28
MgO	0.01	1.35	6.45	4.46	3.10	3.22	3.27	2.14	6.98	7.55	9.53	8.39
CaO	0.01	17.37	2.40	2.77	5.61	6.46	4.57	2.38	4.57	3.52	5.85	5.21
Na <sub>2</sub> O	0.01	0.21	4.48	5.45	4.04	4.25	6.90	6.76	5.18	3.02	4.05	3.15
K <sub>2</sub> O	0.01	0.30	2.07	1.86	2.91	1.60	0.68	1.48	0.71	3.96	0.21	2.12
P <sub>2</sub> O <sub>5</sub>	0.001	0.43	0.53	0.42	0.48	0.44	0.34	0.59	0.39	0.30	0.28	0.41
Cr	1	11	16	23	8	22	80	3	91	103	217	123
Zr	1	97	128	111	121	108	254	327	260	183	124	106
Ba	1	117	1326	1082	1523	946	140	1359	467	867	114	766
LOI	0.01	2.73	3.73	3.20	4.88	3.38	1.09	1.37	2.94	4.28	3.98	4.28
Total		98.18	98.99	99.52	98.12	98.05	99.72	98.22	98.41	99.26	100.22	99.02
CIA		48.26	66.62	64.30	60.70	60.27	55.53	60.71	59.91	59.70	59.55	61.25
Mg#		18.98	49.66	42.98	38.51	36.15	39.56	31.18	55.23	54.12	60.32	58.57
Al <sub>2</sub> O <sub>3</sub> /Na <sub>2</sub> O		78.80	3.99	3.33	4.80	4.40	2.20	2.43	3.02	5.16	3.68	5.25
V	5	273	349	317	305	373	205	34	244	226	251	292
Co	1	28	33	32	26	28	36	8	42	55	56	44
Ga	1	22	14	17	24	19	15	24	20	21	15	17
Ge	1	6	3	3	4	3	4	4	3	4	3	4
As	5	15	<5	<5	<5	<5	<5	6	<5	6	<5	<5
Sr	1	4003	591	649	551	506	142	207	188	163	57	411
Y	1	17.1	22.3	19.1	18.9	20.4	34.6	49.6	40.4	26.2	24.4	24.4
Nb	1	6.2	7.4	6.6	8.4	9.4	14.5	18.4	14.3	13.9	5.8	6.4
Mo	2	<2	<2	<2	<2	<2	<2	1.7	1.7	97.3	<2	2.4
Cd	0.2	<0.2	<0.2	<0.2	<0.2	0.2	<0.2	<0.2	<0.2	<0.1	<0.2	<0.2
Li	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	68.7	N/A	N/A
In	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	N/A	<0.2	<0.2
Sn	1	1.7	0.6	1.7	2.8	2.7	1.3	3.6	3.2	1.8	<1	0.7
Cs	0.5	<0.5	0.9	0.5	1.0	0.7	<0.5	<0.5	0.6	2.1	<0.5	0.6
Be	0.1	0.8	0.4	1.1	2.0	1.6	3.7	5.0	1.5	0.5	0.5	1.0
Cu	1	11555	25	124	705	55	56	3	55	<1	68	20
Li	0.1	20	58	43	22	34	15	18	48	<1	28	66
Mn	1	1151	1471	1270	1171	1258	884	1964	1490	1939	1401	1957
Ni	1	24	26	25	19	24	44	10	49	54	100	68
Pb	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1
Rb	1	9	91	88	153	81	23	38	25	110	6	29
Sc	0.1	26	38	30	21	29	30	29	31	39	37	33
Ti	1	6291	8682	7462	6402	7413	10904	9625	11915	12420	10759	9025
Zn	1	61	102	99	79	84	60	192	115	113	98	94
La	0.5	25.30	33.35	30.20	36.19	32.51	21.67	24.47	25.41	13.06	10.38	14.84
Ce	0.5	53.78	75.56	65.94	74.85	66.30	48.24	63.69	57.52	37.34	25.20	34.58
Pr	0.1	6.99	9.62	8.53	9.35	8.44	6.36	8.41	7.80	4.34	3.74	4.68
Nd	0.2	30.76	41.76	36.53	40.33	37.00	29.05	39.46	33.73	20.14	17.93	21.63
Sm	0.1	6.01	8.62	7.63	8.13	6.92	6.85	10.55	7.81	4.93	4.76	5.43
Eu	0.1	1.59	2.24	1.81	2.05	2.11	1.72	4.22	2.16	1.53	1.32	1.67
Tb	0.1	0.67	0.89	0.82	0.83	0.75	1.02	1.71	1.31	0.89	0.76	0.83
Gd	0.1	4.96	6.85	5.75	6.15	6.19	6.57	10.53	7.98	5.97	4.95	5.08
Dy	0.1	3.56	4.68	4.36	4.08	3.94	6.81	10.08	7.69	5.17	5.03	4.81
Ho	0.1	0.65	0.83	0.74	0.72	0.73	1.29	1.97	1.48	1.12	0.89	0.95
Er	0.1	1.83	2.35	2.12	2.03	2.25	3.73	5.62	4.41	3.24	2.81	2.71
Tm	0.1	0.24	0.32	0.28	0.25	0.29	0.54	0.73	0.62	0.45	0.33	0.37
Yb	0.1	1.66	2.19	1.96	1.74	1.78	3.67	5.01	4.06	3.03	2.41	2.24
Lu	0.1	0.23	0.31	0.27	0.26	0.31	0.54	0.81	0.63	0.43	0.34	0.35
Hf	0.2	2.65	3.68	3.26	3.33	3.12	6.24	8.58	7.09	4.49	3.16	2.78
Ta	0.5	0.61	0.60	<0.5	0.56	<0.5	0.99	2.29	1.07	0.61	<0.5	0.63
W	1	2.54	1.39	2.01	1.23	1.49	<1	2.66	1.10	1.44	2.29	1.78
Tl	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.39	<0.1	<0.1
Bi	0.4	<0.4	<0.4	<0.4	<0.4	0.55	0.62	<0.4	<0.4	N/A	<0.4	<0.4
Th	0.1	7.89	10.84	8.81	11.77	8.92	3.30	5.49	3.80	2.09	0.89	0.70
U	0.1	1.59	2.11	1.66	2.64	1.94	1.06	1.84	1.25	0.79	0.34	0.26

