

Table S2: Average reduced compositions for each analytical sample as determined by EMP analyses. Cations are expressed in wt% of arbitrary oxides.

	colour	Analytical sample	SiO <sub>2</sub>	Na <sub>2</sub> O	CaO	Al <sub>2</sub> O <sub>3</sub>	K <sub>2</sub> O	MgO	FeO	TiO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	Cl	TOTAL
<i>Porfido verde antico</i> (PV1)	Green	PV1-tr	62.86	14.99	12.02	2.18	1.83	2.23	1.14	0.15	0.82	0.40	1.39	100
	Light green	PV1-op	64.94	15.69	10.48	2.13	1.25	1.94	1.01	0.14	0.58	0.39	1.45	100
<i>Porfido verde antico</i> (PV2)	Green-turquoise	PV2-tr	65.25	18.25	8.62	2.67	0.35	1.24	1.03	0.18	0.15	0.43	1.84	100
	Greenish yellow	PV2-op	65.66	17.75	7.46	2.39	1.30	1.72	1.16	0.16	0.21	0.40	1.79	100
<i>Cipollino rosso</i> (CR)	Red	CR.op(r)	62.41	14.93	10.63	2.59	1.59	2.97	2.04	0.22	0.93	0.29	1.40	100
	White	CR.op(w)	69.13	16.24	6.66	1.98	0.25	3.33	0.39	0.07	0.01	0.45	1.48	100
<i>Rosso antico</i> (R)	Colourless	R-tr	66.00	11.98	10.47	2.31	2.48	2.98	1.62	0.18	0.80	0.24	0.95	100
	Red	R-op	65.17	12.77	10.14	2.42	2.28	2.72	1.96	0.19	0.74	0.23	1.37	100
<i>Giallo antico</i> (G)	Yellow	G-op	67.60	16.93	8.91	2.32	0.37	0.91	0.84	0.12	0.06	0.41	1.53	100
<i>Diaspro nero e giallo</i> (D)	Brown	D-tr	64.06	17.43	10.65	2.85	0.59	1.18	1.11	0.20	0.11	0.42	1.40	100
	Yellow	D-op	70.23	15.88	6.94	2.55	0.35	0.73	1.01	0.18	0.04	0.46	1.63	100
<i>Semesanto</i> (S)	Purple	S-tr	68.07	17.19	8.52	2.49	0.58	0.73	0.56	0.07	0.14	0.35	1.31	100
	White	S-op	72.12	14.53	6.80	2.83	0.62	0.58	0.55	0.07	0.07	0.93	0.90	100
<i>Agate/alabaster</i> (A1)	Brown	A1-tr(b)	67.95	16.83	9.26	2.68	0.54	0.67	0.35	0.06	0.12	0.38	1.17	100
	Colourless	A1-tr(c)	67.29	17.91	8.95	2.33	0.42	0.59	0.28	0.05	0.08	0.31	1.77	100
	White	A1-op	69.83	15.00	9.20	2.63	0.61	0.68	0.42	0.06	0.14	0.79	0.64	100
<i>Agate/alabaster</i> (A2)	Amber	A2-tr	66.04	17.66	10.10	2.71	0.47	0.65	0.40	0.06	0.22	0.30	1.39	100
	White	A2-op	67.91	15.81	9.89	2.71	0.52	0.78	0.65	0.08	0.14	0.83	0.68	100