

付録S6 走査型X線分析顕微鏡 (SXAM) のStd-FP法の連続分析による猪苗代湖湖底堆積物の主成分・微量成分元素組成

Appendix S6 Sequential analytical result of major and trace element composition of lacustrine sediment core samples from Lake Inawashiro-ko measured by SXAM (Std-FP method)

spectrum No.	(SXAM wt.%)													total
	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>		
IN2.5-09-1	63.54	0.61	20.36	6.85	0.05	2.28	1.07	0.98	2.30	0.20	1.75	0.02	100.00	
IN2.5-09-2	63.69	0.60	20.87	6.74	0.05	2.13	1.05	1.17	2.05	0.22	1.40	0.03	100.00	
IN2.5-09-3	64.06	0.62	21.08	6.52	0.05	1.85	1.08	1.24	2.21	0.15	1.13	0.02	100.00	
IN2.5-09-4	63.43	0.63	21.07	6.82	0.05	2.05	1.08	1.14	2.21	0.22	1.28	0.02	100.00	
IN2.5-09-5	63.71	0.63	20.11	7.22	0.06	2.13	1.06	0.95	2.43	0.22	1.45	0.02	100.00	
IN2.5-09-6	63.10	0.65	20.94	7.05	0.05	1.96	1.00	1.55	2.24	0.17	1.26	0.02	100.00	
IN2.5-09-7	63.18	0.59	21.15	7.07	0.05	1.79	1.15	1.08	2.19	0.04	1.68	0.02	100.00	
IN2.5-09-8	61.97	0.64	20.56	7.19	0.05	1.83	1.54	0.78	2.23	0.19	3.00	0.02	100.00	
IN2.5-09-9	63.15	0.67	20.06	6.40	0.05	2.03	1.56	1.18	2.35	0.11	2.43	0.02	100.00	
IN2.5-09-10	66.08	0.71	20.71	5.88	0.05	1.38	1.22	0.62	2.16	0.19	0.98	0.01	100.00	
IN2.5-09-11	65.68	0.67	20.45	5.43	0.05	2.04	1.25	1.03	2.27	0.22	0.87	0.02	100.00	
IN2.5-09-12	66.00	0.73	19.93	5.72	0.06	1.82	1.34	1.03	2.19	0.03	1.13	0.02	100.00	
IN2.5-09-13	65.51	0.72	19.97	5.48	0.05	2.19	1.21	1.29	2.41	0.17	0.98	0.02	100.00	
IN2.5-09-14	66.05	0.71	20.25	5.36	0.06	2.10	1.18	0.94	2.15	0.16	1.01	0.02	100.00	
IN2.5-09-15	66.13	0.73	20.53	5.21	0.05	1.68	1.12	0.85	2.32	0.23	1.11	0.03	100.00	
IN2.5-09-16	66.19	0.69	19.84	5.21	0.04	1.97	1.11	1.27	2.24	0.24	1.17	0.03	100.00	
IN2.5-09-17	66.53	0.69	19.74	5.16	0.05	1.85	1.04	1.26	2.35	0.03	1.28	0.03	100.00	
IN2.5-09-18	65.22	0.64	19.87	6.56	0.04	1.78	1.02	1.03	2.14	0.23	1.42	0.05	100.00	
IN2.5-09-19	64.36	0.63	19.11	7.85	0.04	2.17	0.93	1.19	2.19	0.15	1.30	0.07	100.00	
IN2.5-09-20	63.72	0.66	20.27	6.77	0.05	2.10	1.04	1.55	2.43	0.22	1.13	0.06	100.00	
IN2.5-09-21	65.70	0.72	20.19	5.13	0.05	2.03	1.09	1.26	2.49	0.14	1.17	0.03	100.00	
IN2.5-09-22	66.13	0.69	20.42	4.82	0.05	2.10	1.07	1.12	2.50	0.00	1.08	0.02	100.00	
IN2.5-09-23	65.22	0.71	21.36	4.96	0.05	2.06	0.96	1.30	2.25	0.18	0.94	0.02	100.00	
IN2.5-09-24	64.70	0.67	21.59	5.42	0.05	2.20	0.92	0.94	2.44	0.16	0.87	0.03	100.00	
IN2.5-09-25	66.07	0.65	19.84	5.85	0.05	1.88	0.95	0.98	2.47	0.24	0.97	0.04	100.00	
IN2.5-09-26	65.04	0.69	20.90	5.53	0.05	2.17	0.88	1.10	2.47	0.22	0.92	0.03	100.00	
IN2.5-09-27	65.55	0.65	20.58	5.79	0.05	1.73	0.93	1.24	2.29	0.22	0.95	0.03	100.00	
IN2.5-09-28	65.62	0.69	20.43	5.86	0.05	2.19	0.93	1.01	2.23	0.06	0.89	0.04	100.00	
IN2.5-09-29	66.27	0.66	19.72	5.64	0.05	1.77	0.97	1.42	2.34	0.23	0.89	0.04	100.00	
IN2.5-09-30	66.72	0.63	20.47	5.09	0.05	1.77	0.97	0.82	2.48	0.00	0.97	0.04	100.00	
IN2.5-09-31	65.37	0.61	21.18	5.43	0.05	2.19	0.95	0.92	2.19	0.15	0.90	0.07	100.00	
IN2.5-09-32	65.35	0.61	20.67	5.65	0.05	1.99	1.03	1.21	2.27	0.23	0.85	0.09	100.00	
IN2.5-09-33	65.06	0.61	20.66	5.70	0.05	2.11	1.00	1.09	2.45	0.23	0.97	0.07	100.00	
IN2.5-09-34	65.90	0.63	19.82	6.35	0.05	1.66	0.94	0.97	2.37	0.23	1.01	0.07	100.00	
IN2.5-09-35	62.27	0.62	20.60	7.44	0.05	2.22	1.06	1.31	2.36	0.26	1.73	0.08	100.00	
IN2.5-09-36	63.12	0.60	21.13	6.84	0.04	1.86	1.08	1.31	2.19	0.22	1.53	0.08	100.00	
IN2.5-09-37	66.76	0.67	19.06	5.39	0.05	1.94	1.20	0.82	2.35	0.24	1.43	0.09	100.00	
IN2.5-09-38	66.14	0.62	19.49	5.56	0.04	1.93	1.21	0.90	2.34	0.22	1.42	0.12	100.00	
IN2.5-09-39	64.83	0.66	19.64	6.63	0.04	1.80	1.02	1.01	2.37	0.13	1.74	0.12	100.00	
IN2.5-09-40	62.70	0.60	18.48	8.47	0.04	1.84	0.99	1.58	2.30	0.18	2.70	0.12	100.00	
IN2.5-09-41	62.24	0.63	19.61	8.70	0.05	1.74	0.83	0.91	2.39	0.17	2.57	0.17	100.00	
IN2.5-09-42	64.96	0.68	20.31	5.84	0.05	2.07	1.06	0.85	2.30	0.23	1.51	0.14	100.00	
IN2.5-09-43	62.77	0.61	19.09	7.81	0.04	1.96	1.20	1.46	2.21	0.22	2.49	0.14	100.00	
IN2.5-09-44	62.94	0.67	18.74	8.19	0.05	1.95	1.21	1.24	2.21	0.13	2.55	0.13	100.00	
IN2.5-09-45	63.56	0.65	19.79	7.23	0.03	1.86	1.06	1.23	2.26	0.19	2.04	0.10	100.00	
IN2.5-09-46	62.68	0.63	20.28	6.44	0.05	2.12	1.15	1.38	2.52	0.22	2.41	0.11	100.00	
IN2.5-09-47	62.35	0.61	19.84	6.96	0.05	1.88	1.22	1.49	2.15	0.22	3.11	0.13	100.00	
IN2.5-09-48	63.80	0.64	19.38	6.31	0.05	2.14	1.20	1.23	2.35	0.22	2.53	0.14	100.00	
IN2.5-09-49	65.06	0.67	19.75	6.29	0.04	1.44	1.16	1.10	2.30	0.18	1.90	0.09	100.00	
IN2.5-09-50	65.27	0.65	18.41	6.45	0.05	1.60	1.39	1.23	2.30	0.34	2.23	0.07	100.00	

spectrum No.	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>	total
IN2.5-09-51	65.43	0.62	19.34	6.18	0.04	1.77	1.30	0.84	2.35	0.22	1.87	0.05	100.00
IN2.5-09-52	64.61	0.63	20.40	5.93	0.04	1.88	1.22	1.28	2.26	0.11	1.59	0.05	100.00
IN2.5-09-53	63.53	0.69	19.51	6.04	0.05	1.68	1.72	1.30	2.07	0.30	3.07	0.04	100.00
IN2.5-09-54	64.12	0.64	19.05	6.14	0.04	1.68	1.66	1.26	2.18	0.19	2.98	0.05	100.00
IN2.5-09-55	63.93	0.64	19.24	5.93	0.04	1.85	1.59	1.08	2.33	0.22	3.10	0.06	100.00
IN2.5-09-56	64.14	0.65	20.49	6.05	0.04	1.97	1.12	0.96	2.07	0.19	2.24	0.07	100.00
IN2.5-09-57	65.12	0.63	18.88	6.49	0.04	1.76	1.15	0.94	2.36	0.21	2.35	0.07	100.00
IN2.5-09-58	65.97	0.64	19.38	5.96	0.05	1.87	1.00	0.89	2.40	0.22	1.58	0.04	100.00
IN2.5-09-59	65.80	0.67	19.31	6.46	0.04	1.81	0.98	0.97	2.10	0.22	1.58	0.05	100.00
IN2.5-09-60	63.21	0.66	19.80	7.56	0.03	1.39	0.94	1.55	2.41	0.21	2.17	0.07	100.00
IN2.5-09-61	61.73	0.70	19.24	9.19	0.03	1.76	1.06	0.46	2.29	0.50	2.95	0.08	100.00
IN2.5-09-62	62.81	0.60	18.23	9.42	0.03	1.78	1.07	0.91	2.04	0.20	2.83	0.06	100.00
IN2.5-09-63	61.04	0.54	18.35	10.56	0.03	1.72	1.10	1.02	1.99	0.21	3.36	0.07	100.00
IN2.5-09-64	62.47	0.54	19.24	9.46	0.04	1.73	0.94	1.12	2.01	0.20	2.05	0.18	100.00
IN2.5-09-65	62.06	0.65	19.29	8.20	0.05	1.60	1.36	1.27	2.19	0.32	2.83	0.19	100.00
IN2.5-09-66	62.25	0.71	20.06	7.50	0.05	1.13	1.44	0.95	2.30	0.71	2.85	0.06	100.00
IN2.5-09-67	63.45	0.73	19.02	7.36	0.05	2.01	1.33	0.87	2.30	0.24	2.60	0.07	100.00
IN2.5-09-68	65.26	0.63	19.80	6.12	0.05	2.02	0.95	1.38	2.17	0.21	1.36	0.05	100.00
IN2.5-09-69	64.97	0.64	19.94	5.88	0.05	2.35	0.89	1.11	2.29	0.21	1.61	0.05	100.00
IN2.5-09-70	64.84	0.72	19.58	5.88	0.05	1.87	1.17	1.07	2.35	0.21	2.19	0.08	100.00
IN2.5-09-71	66.25	0.75	19.48	4.87	0.04	1.65	1.12	1.09	2.64	0.23	1.78	0.09	100.00
IN2.5-09-72	66.49	0.67	20.68	4.00	0.03	1.50	0.96	1.51	2.35	0.24	1.48	0.08	100.00
IN2.5-09-73	65.57	0.68	20.26	4.13	0.03	1.92	1.02	1.16	2.50	0.15	2.48	0.10	100.00
IN2.5-09-74	63.64	0.73	18.50	6.06	0.04	1.87	1.05	1.30	2.56	0.22	3.87	0.15	100.00
IN2.5-09-75	62.10	0.72	18.94	6.86	0.04	1.62	1.29	1.24	2.31	0.21	4.45	0.21	100.00
IN2.5-09-76	64.82	0.68	18.65	5.79	0.04	1.63	1.17	1.10	2.42	0.23	3.26	0.23	100.00
IN2.5-09-77	65.20	0.67	20.06	5.00	0.04	1.29	1.11	1.20	2.53	0.23	2.47	0.19	100.00
IN2.5-09-78	66.27	0.69	20.57	4.29	0.04	1.11	1.02	1.22	2.36	0.22	2.08	0.13	100.00
IN2.5-09-79	66.06	0.71	19.88	4.16	0.04	2.38	0.99	0.99	2.63	0.24	1.81	0.10	100.00
IN2.5-09-80	65.14	0.72	20.24	4.20	0.04	2.46	0.94	1.21	2.65	0.17	2.14	0.08	100.00
IN2.5-09-81	64.65	0.69	20.82	4.60	0.04	2.23	0.95	0.85	2.43	0.21	2.44	0.09	100.00
IN2.5-09-82	64.74	0.69	19.72	4.74	0.04	1.91	1.04	1.30	2.58	0.23	2.92	0.09	100.00
IN2.5-09-83	64.87	0.66	19.69	4.40	0.04	2.66	1.16	1.21	2.52	0.17	2.54	0.09	100.00
IN2.5-09-84	64.23	0.66	20.19	4.82	0.04	1.56	1.36	1.22	2.58	0.26	3.00	0.08	100.00
IN2.5-09-85	64.19	0.69	20.80	4.59	0.05	1.75	1.21	1.33	2.61	0.22	2.51	0.05	100.00
IN2.5-09-86	65.54	0.68	19.89	4.48	0.05	1.51	1.19	1.51	2.56	0.21	2.32	0.05	100.00
IN2.5-09-87	64.65	0.67	21.10	4.19	0.04	1.98	1.13	1.61	2.31	0.23	2.01	0.07	100.00
IN2.5-09-88	66.14	0.67	20.17	4.42	0.04	1.94	1.09	1.00	2.49	0.17	1.78	0.08	100.00
IN2.5-09-89	65.85	0.69	19.57	4.71	0.05	2.35	1.07	1.27	2.46	0.18	1.72	0.09	100.00
IN2.5-09-90	66.61	0.68	19.46	4.70	0.05	2.24	1.04	0.74	2.44	0.22	1.75	0.08	100.00
IN2.5-09-91	65.73	0.63	19.97	4.69	0.05	2.17	1.04	1.24	2.58	0.22	1.60	0.06	100.00
IN2.5-09-92	65.92	0.69	20.10	4.91	0.05	1.93	1.09	0.88	2.48	0.15	1.71	0.07	100.00
IN2.5-09-93	65.78	0.62	20.19	4.98	0.04	2.24	1.04	0.98	2.59	0.00	1.47	0.06	100.00
IN2.5-09-94	64.45	0.63	20.71	4.99	0.05	2.26	1.03	1.42	2.37	0.23	1.79	0.07	100.00
IN2.5-09-95	64.72	0.66	20.78	5.26	0.05	1.98	1.09	0.99	2.47	0.11	1.84	0.06	100.00
IN2.5-09-96	64.18	0.71	20.24	5.64	0.05	2.48	1.06	1.11	2.31	0.23	1.91	0.06	100.00
IN2.5-09-97	63.49	0.70	20.37	5.68	0.05	2.23	1.05	1.59	2.54	0.19	2.04	0.05	100.00
IN2.5-09-98	63.93	0.69	20.92	5.68	0.04	2.09	0.88	0.97	2.34	0.22	2.18	0.07	100.00
IN2.5-09-99	64.25	0.68	20.89	5.21	0.04	2.05	0.91	1.43	2.25	0.21	2.00	0.09	100.00
IN2.5-09-100	64.62	0.62	21.09	4.76	0.04	1.82	0.93	1.34	2.44	0.23	2.02	0.10	100.00
IN2.5-09-101	65.10	0.62	21.43	4.26	0.04	2.02	0.91	1.09	2.23	0.23	1.99	0.07	100.00
IN2.5-09-102	65.85	0.63	20.39	4.33	0.04	1.99	0.85	1.09	2.44	0.18	2.11	0.11	100.00
IN2.5-09-103	64.81	0.61	20.93	4.40	0.05	2.03	0.82	1.17	2.42	0.22	2.43	0.12	100.00
IN2.5-09-104	61.39	0.58	21.63	5.58	0.04	1.76	0.85	1.15	2.07	0.21	4.60	0.14	100.00
IN2.5-09-105	60.23	0.55	19.63	6.69	0.04	1.91	0.78	1.34	2.12	0.19	6.41	0.11	100.00
IN2.5-09-106	61.74	0.58	19.65	5.98	0.04	1.97	0.80	1.28	2.22	0.16	5.49	0.08	100.00

spectrum No.	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>	total
IN2.5-09-107	63.30	0.61	20.30	5.51	0.05	2.27	0.92	0.81	2.30	0.22	3.65	0.06	100.00
IN2.5-09-108	64.45	0.59	20.77	4.92	0.05	1.43	0.95	1.63	2.33	0.16	2.65	0.06	100.00
IN2.5-09-109	63.35	0.57	20.11	5.38	0.05	2.11	1.02	1.04	2.29	0.21	3.81	0.06	100.00
IN2.5-09-110	61.90	0.57	19.70	6.27	0.05	1.74	0.99	1.06	2.15	0.21	5.29	0.06	100.00
IN2.5-09-111	60.94	0.53	19.41	7.15	0.04	1.77	0.85	1.21	2.15	0.17	5.70	0.09	100.00
IN2.5-09-112	62.05	0.54	19.99	7.41	0.05	1.65	0.84	1.00	2.17	0.21	3.98	0.11	100.00
IN2.5-09-113	61.27	0.49	20.10	8.03	0.04	1.83	0.81	0.89	1.92	0.20	4.30	0.11	100.00
IN2.5-09-114	60.65	0.53	20.63	7.67	0.03	1.57	0.90	1.13	2.04	0.20	4.55	0.09	100.00
IN2.5-09-115	60.47	0.50	19.84	6.93	0.03	1.80	0.89	1.00	2.04	0.20	6.23	0.06	100.00
IN2.5-09-116	59.94	0.55	19.50	6.04	0.05	2.13	1.21	1.31	1.94	0.16	7.13	0.05	100.00
IN2.5-09-117	60.04	0.57	20.11	6.07	0.04	2.05	1.29	0.93	1.95	0.19	6.71	0.05	100.00
IN2.5-09-118	60.14	0.57	20.35	5.83	0.05	2.01	1.40	1.15	2.04	0.13	6.30	0.04	100.00
IN2.5-09-119	62.86	0.64	19.81	5.48	0.05	2.05	1.34	1.02	2.14	0.22	4.36	0.03	100.00
IN2.5-09-120	63.28	0.63	20.72	5.08	0.05	1.66	1.19	1.47	2.20	0.22	3.49	0.02	100.00
IN2.5-09-121	63.73	0.59	21.17	5.40	0.04	1.75	1.10	0.95	2.25	0.11	2.86	0.04	100.00
IN2.5-09-122	64.06	0.59	20.84	5.36	0.05	2.17	0.99	0.88	2.18	0.19	2.65	0.04	100.00
IN2.5-09-123	63.43	0.54	20.64	6.07	0.05	1.84	0.98	1.52	2.06	0.17	2.66	0.05	100.00
IN2.5-09-124	55.61	0.46	18.62	10.83	0.03	1.95	0.83	0.95	1.66	0.16	8.79	0.10	100.00
IN2.5-09-125	52.80	0.43	18.35	12.13	0.03	1.69	0.78	0.87	1.52	0.16	11.12	0.12	100.00
IN2.5-09-126	58.05	0.53	19.78	8.85	0.04	2.05	0.88	1.05	1.99	0.19	6.50	0.09	100.00
IN2.5-09-127	62.72	0.61	20.71	6.17	0.05	1.64	0.88	1.19	2.02	0.21	3.73	0.05	100.00
IN2.5-09-128	63.03	0.67	20.65	6.15	0.05	2.09	1.11	0.65	2.05	0.21	3.31	0.04	100.00
IN2.5-09-129	62.49	0.65	21.84	5.79	0.05	2.07	1.07	1.36	2.06	0.21	2.36	0.04	100.00
IN2.5-09-130	64.24	0.64	21.47	5.35	0.05	1.92	1.00	0.95	1.99	0.18	2.17	0.03	100.00
IN2.5-09-131	63.83	0.62	21.22	5.12	0.04	2.28	0.98	1.51	2.05	0.17	2.15	0.03	100.00
IN2.5-09-132	63.83	0.62	21.02	5.18	0.04	2.49	1.01	1.15	2.10	0.17	2.35	0.03	100.00
IN2.5-09-133	62.99	0.63	20.83	6.73	0.05	1.86	1.02	0.97	2.36	0.21	2.31	0.04	100.00
IN2.5-09-134	59.03	0.55	19.69	11.67	0.04	2.05	0.96	1.05	2.06	0.18	2.67	0.04	100.00
IN2.5-09-135	57.36	0.51	19.52	14.49	0.04	1.71	0.94	0.94	1.80	0.16	2.48	0.05	100.00
IN2.5-09-136	55.55	0.48	18.24	17.94	0.03	1.84	0.79	1.07	1.78	0.14	2.10	0.05	100.00
IN2.5-09-137	56.23	0.50	18.56	16.51	0.03	2.13	0.77	1.35	1.93	0.18	1.77	0.05	100.00
IN2.5-09-138	59.94	0.53	19.57	11.39	0.04	2.12	0.98	1.16	1.90	0.15	2.18	0.03	100.00
IN2.5-09-139	63.50	0.60	20.20	7.38	0.05	1.72	1.12	0.96	2.10	0.21	2.16	0.02	100.00
IN2.5-09-140	63.43	0.64	20.82	7.04	0.05	1.90	1.02	1.19	2.01	0.03	1.85	0.02	100.00
IN2.5-09-141	64.06	0.62	20.86	6.30	0.05	2.06	0.94	0.98	2.22	0.22	1.66	0.02	100.00
IN2.5-09-142	65.34	0.67	20.53	6.41	0.05	0.99	1.02	0.94	2.21	0.10	1.71	0.03	100.00
IN2.5-09-143	63.49	0.67	19.82	7.47	0.05	1.88	1.05	1.30	2.03	0.05	2.15	0.04	100.00
IN2.5-09-144	57.55	0.59	19.06	13.13	0.04	1.74	1.14	0.50	2.02	0.19	3.96	0.07	100.00
IN2.5-09-145	58.51	0.65	20.04	9.46	0.05	2.31	1.19	1.83	2.18	0.19	3.51	0.08	100.00
IN2.5-09-146	60.56	0.68	19.01	9.37	0.04	2.23	1.15	0.95	2.03	0.19	3.71	0.08	100.00
IN2.5-09-147	63.09	0.66	19.73	7.27	0.05	1.94	1.02	0.87	2.24	0.19	2.89	0.05	100.00
IN2.5-09-148	64.98	0.66	20.30	5.32	0.05	1.74	1.10	1.40	2.11	0.23	2.08	0.03	100.00
IN2.5-09-149	66.30	0.64	19.88	4.77	0.05	2.16	1.05	1.31	2.21	0.14	1.46	0.03	100.00
IN2.5-09-150	66.37	0.70	20.06	5.11	0.05	2.02	1.03	0.90	2.32	0.05	1.36	0.03	100.00
IN2.5-09-151	65.05	0.66	20.48	4.79	0.05	2.26	0.95	1.16	2.13	0.15	2.29	0.03	100.00
IN2.5-09-152	63.08	0.67	20.63	4.87	0.04	1.10	0.92	1.09	2.30	0.09	5.17	0.04	100.00
IN2.5-09-153	63.07	0.66	20.62	4.79	0.04	1.97	0.88	0.86	2.24	0.11	4.72	0.04	100.00
IN2.5-09-154	64.86	0.69	21.13	4.81	0.05	1.90	0.85	0.68	2.32	0.23	2.44	0.04	100.00
IN2.5-09-155	63.51	0.61	21.29	5.05	0.04	2.05	0.87	0.95	1.97	0.07	3.55	0.03	100.00
IN2.5-09-156	63.27	0.65	20.94	5.11	0.04	1.90	0.94	1.31	2.15	0.04	3.59	0.04	100.00
IN2.5-09-157	63.62	0.65	20.77	4.98	0.04	2.01	0.99	1.05	2.26	0.22	3.38	0.04	100.00
IN2.5-09-158	64.31	0.69	19.83	5.09	0.04	1.84	1.13	1.11	2.41	0.00	3.49	0.05	100.00
IN2.5-09-159	63.88	0.67	20.39	5.15	0.05	1.97	1.13	1.24	2.22	0.08	3.17	0.06	100.00
IN2.5-09-160	64.68	0.71	20.10	4.91	0.05	1.99	1.10	1.02	2.35	0.21	2.84	0.05	100.00
IN2.5-09-161	64.31	0.70	20.43	4.68	0.05	2.06	1.33	0.97	2.34	0.00	3.10	0.03	100.00
IN2.5-09-162	65.23	0.71	19.74	4.75	0.05	2.15	1.27	0.76	2.31	0.21	2.80	0.03	100.00

spectrum No.	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>	total
IN2.5-09-163	65.08	0.75	21.04	4.63	0.05	1.78	1.12	0.99	2.06	0.22	2.27	0.03	100.00

IN2.5-09	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>	total
mean	63.69	0.64	20.10	6.36	0.05	1.92	1.07	1.12	2.26	0.19	2.55	0.07	
SD	2.35	0.06	0.77	2.12	0.01	0.27	0.17	0.23	0.19	0.08	1.54	0.04	
maximum	66.76	0.75	21.84	17.94	0.06	2.66	1.72	1.83	2.65	0.71	11.12	0.23	
minimum	52.80	0.43	18.23	4.00	0.03	0.99	0.77	0.46	1.52	0.00	0.85	0.01	

(SXAM wt.%)

spectrum	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>	total
IN2.5-11-1	61.68	0.53	24.47	5.06	0.07	2.06	1.13	1.04	1.92	0.88	1.14	0.02	100.00
IN2.5-11-2	61.84	0.53	23.96	5.16	0.07	1.90	1.13	1.12	1.93	1.00	1.35	0.02	100.00
IN2.5-11-3	61.03	0.52	24.97	5.15	0.07	1.64	1.13	1.12	2.03	0.96	1.38	0.02	100.00
IN2.5-11-4	61.30	0.53	25.16	5.00	0.06	1.89	1.14	0.82	1.97	0.73	1.39	0.02	100.00
IN2.5-11-5	61.02	0.50	24.64	4.96	0.06	1.94	1.17	1.27	1.91	0.86	1.66	0.02	100.00
IN2.5-11-6	60.22	0.50	24.19	5.17	0.07	2.34	1.29	1.15	2.04	0.87	2.14	0.01	100.00
IN2.5-11-7	61.49	0.52	23.78	5.50	0.06	1.25	1.33	0.91	1.82	0.91	2.43	0.01	100.00
IN2.5-11-8	59.82	0.54	24.70	5.47	0.07	1.57	1.26	1.29	2.02	0.89	2.34	0.01	100.00
IN2.5-11-9	59.70	0.55	25.32	5.27	0.07	1.61	1.24	1.51	1.90	0.57	2.24	0.01	100.00
IN2.5-11-10	60.79	0.58	24.26	5.66	0.07	1.85	1.22	1.16	1.87	0.60	1.92	0.01	100.00
IN2.5-11-11	60.86	0.54	24.01	6.18	0.07	2.14	1.22	0.70	1.84	0.63	1.77	0.01	100.00
IN2.5-11-12	60.45	0.55	23.56	6.40	0.07	2.10	1.25	0.81	1.93	0.75	2.11	0.01	100.00
IN2.5-11-13	60.12	0.49	22.87	7.02	0.08	1.83	1.16	1.23	1.78	0.65	2.76	0.01	100.00
IN2.5-11-14	60.09	0.47	21.77	8.22	0.08	1.69	1.05	1.08	1.99	0.31	3.25	0.01	100.00
IN2.5-11-15	58.43	0.45	22.02	9.44	0.08	1.76	1.08	1.06	1.79	0.19	3.68	0.01	100.00
IN2.5-11-16	56.16	0.44	21.36	11.18	0.10	1.84	1.09	1.00	1.74	0.18	4.89	0.01	100.00
IN2.5-11-17	56.25	0.44	21.17	11.25	0.10	1.69	0.98	0.70	1.91	0.18	5.33	0.02	100.00
IN2.5-11-18	58.41	0.47	20.98	9.97	0.09	1.80	0.95	0.85	1.86	0.19	4.42	0.01	100.00
IN2.5-11-19	59.47	0.48	22.25	8.77	0.08	1.89	0.99	1.25	1.99	0.19	2.63	0.01	100.00
IN2.5-11-20	59.99	0.50	21.60	9.71	0.09	1.81	1.08	0.93	1.91	0.20	2.15	0.01	100.00
IN2.5-11-21	59.17	0.49	22.26	10.30	0.10	1.77	1.08	0.82	1.98	0.19	1.83	0.01	100.00
IN2.5-11-22	59.30	0.48	22.33	9.67	0.10	1.82	1.06	1.25	1.86	0.32	1.81	0.01	100.00
IN2.5-11-23	59.94	0.52	22.13	9.69	0.09	1.84	1.04	0.60	1.89	0.19	2.05	0.01	100.00
IN2.5-11-24	58.16	0.48	22.91	10.61	0.10	1.89	0.98	0.78	1.94	0.17	1.95	0.01	100.00
IN2.5-11-25	58.09	0.46	21.90	11.58	0.12	1.90	1.07	1.26	1.80	0.19	1.63	0.01	100.00
IN2.5-11-26	57.48	0.43	21.52	12.63	0.13	2.11	1.13	0.96	1.74	0.34	1.50	0.01	100.00
IN2.5-11-27	57.06	0.46	21.76	13.11	0.13	1.95	0.96	0.93	1.80	0.18	1.65	0.01	100.00
IN2.5-11-28	57.84	0.46	21.21	12.89	0.13	1.71	1.12	1.01	1.80	0.18	1.63	0.01	100.00
IN2.5-11-29	57.46	0.47	21.49	12.95	0.14	1.98	1.16	0.99	1.71	0.19	1.45	0.01	100.00
IN2.5-11-30	58.39	0.48	21.73	11.52	0.12	1.94	1.13	0.96	1.77	0.18	1.76	0.01	100.00
IN2.5-11-31	59.50	0.47	21.67	10.76	0.10	1.93	1.07	0.79	1.71	0.19	1.79	0.01	100.00
IN2.5-11-32	57.68	0.46	21.40	12.59	0.13	1.95	1.07	1.36	1.66	0.23	1.45	0.01	100.00
IN2.5-11-33	57.85	0.45	21.18	13.21	0.14	2.04	1.07	0.90	1.67	0.16	1.32	0.01	100.00
IN2.5-11-34	59.11	0.46	21.14	11.63	0.12	2.17	1.04	1.23	1.59	0.21	1.29	0.01	100.00
IN2.5-11-35	62.08	0.54	21.35	9.00	0.09	1.83	1.11	0.13	2.06	0.20	1.59	0.01	100.00
IN2.5-11-36	62.21	0.54	21.72	7.95	0.07	1.72	1.04	1.12	1.81	0.21	1.61	0.01	100.00
IN2.5-11-37	60.77	0.50	21.69	9.13	0.09	1.84	1.00	1.19	1.86	0.17	1.74	0.01	100.00
IN2.5-11-38	60.10	0.49	21.29	10.64	0.10	1.86	1.09	0.70	1.77	0.20	1.75	0.01	100.00
IN2.5-11-39	59.87	0.46	21.36	10.58	0.11	1.98	1.05	1.01	1.75	0.17	1.66	0.01	100.00
IN2.5-11-40	59.42	0.48	21.41	11.20	0.12	2.06	1.05	0.93	1.77	0.19	1.37	0.01	100.00
IN2.5-11-41	59.62	0.46	21.92	10.94	0.12	1.69	1.09	1.02	1.77	0.19	1.18	0.01	100.00
IN2.5-11-42	61.14	0.47	20.84	10.90	0.12	1.77	1.09	0.48	1.88	0.20	1.11	0.01	100.00
IN2.5-11-43	61.91	0.46	21.43	9.38	0.11	1.57	1.08	0.84	1.96	0.21	1.04	0.01	100.00
IN2.5-11-44	59.26	0.46	20.67	12.31	0.14	1.99	1.03	1.14	1.80	0.19	1.00	0.01	100.00
IN2.5-11-45	56.00	0.41	20.62	16.18	0.17	1.84	1.06	1.03	1.58	0.17	0.93	0.00	100.00

spectrum No.	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>	total
IN2.5-11-46	53.50	0.40	19.91	19.83	0.21	1.87	1.08	0.61	1.55	0.16	0.86	0.00	100.00
IN2.5-11-47	55.83	0.42	19.55	17.25	0.19	2.11	1.10	0.81	1.50	0.17	1.06	0.01	100.00
IN2.5-11-48	59.01	0.48	21.45	11.71	0.11	1.71	1.02	1.32	1.63	0.19	1.35	0.01	100.00
IN2.5-11-49	62.28	0.54	20.83	8.80	0.08	1.66	1.14	1.00	1.75	0.18	1.73	0.01	100.00
IN2.5-11-50	62.83	0.62	21.83	6.80	0.05	1.65	1.26	0.94	1.93	0.21	1.86	0.01	100.00
IN2.5-11-51	62.21	0.69	21.83	6.80	0.05	1.47	1.38	1.54	1.89	0.20	1.92	0.01	100.00
IN2.5-11-52	62.98	0.60	21.65	7.67	0.07	1.78	1.21	0.90	1.71	0.02	1.39	0.01	100.00
IN2.5-11-53	61.82	0.55	20.73	9.43	0.10	1.78	1.05	1.14	1.95	0.18	1.24	0.01	100.00
IN2.5-11-54	60.98	0.56	21.02	9.89	0.11	2.17	0.95	0.98	2.03	0.19	1.10	0.01	100.00
IN2.5-11-55	60.08	0.53	20.99	10.14	0.09	1.95	1.01	0.89	2.03	0.20	2.08	0.01	100.00
IN2.5-11-56	60.33	0.55	21.25	9.82	0.09	2.01	0.94	0.93	2.07	0.14	1.85	0.01	100.00
IN2.5-11-57	60.42	0.54	21.16	9.93	0.10	2.34	1.00	1.07	2.07	0.17	1.18	0.01	100.00
IN2.5-11-58	59.84	0.52	21.37	10.60	0.10	1.95	0.93	0.76	1.87	0.16	1.87	0.01	100.00
IN2.5-11-59	59.65	0.51	21.08	10.43	0.08	1.49	1.02	0.98	1.92	0.10	2.72	0.01	100.00
IN2.5-11-60	60.01	0.52	21.41	9.35	0.07	1.93	0.97	0.96	1.73	0.17	2.86	0.01	100.00
IN2.5-11-61	60.27	0.55	22.13	8.99	0.06	1.42	1.01	0.65	1.89	0.19	2.83	0.01	100.00
IN2.5-11-62	61.01	0.55	21.77	8.52	0.07	1.71	1.07	1.09	1.73	0.20	2.27	0.01	100.00
IN2.5-11-63	60.98	0.56	22.31	7.87	0.07	1.80	1.05	1.03	1.93	0.32	2.07	0.01	100.00
IN2.5-11-64	61.16	0.55	23.63	7.01	0.07	1.71	1.11	0.75	1.96	0.25	1.79	0.01	100.00
IN2.5-11-65	62.42	0.57	22.29	6.39	0.06	1.71	1.12	1.02	1.92	0.67	1.83	0.01	100.00
IN2.5-11-66	60.58	0.54	23.61	6.46	0.07	1.97	1.10	1.04	1.97	0.78	1.87	0.02	100.00
IN2.5-11-67	61.08	0.55	23.11	7.30	0.08	1.34	1.17	0.94	2.12	0.66	1.63	0.01	100.00
IN2.5-11-68	60.19	0.52	23.98	6.80	0.07	1.92	1.07	1.28	1.89	0.67	1.59	0.01	100.00
IN2.5-11-69	61.12	0.53	23.92	6.42	0.06	1.48	1.08	1.06	2.01	0.82	1.49	0.01	100.00
IN2.5-11-70	61.08	0.53	23.76	6.25	0.07	1.97	1.11	1.15	2.03	0.72	1.31	0.01	100.00
IN2.5-11-71	62.06	0.53	23.40	6.16	0.07	1.87	1.10	0.60	1.95	0.86	1.39	0.01	100.00
IN2.5-11-72	61.46	0.52	23.45	6.00	0.06	2.01	1.10	1.07	2.05	0.69	1.57	0.01	100.00
IN2.5-11-73	62.33	0.52	22.90	5.96	0.06	1.85	1.10	1.20	1.93	0.54	1.59	0.01	100.00
IN2.5-11-74	61.44	0.54	23.64	6.07	0.06	1.86	1.05	0.85	2.03	0.74	1.71	0.01	100.00
IN2.5-11-75	62.34	0.53	22.61	6.47	0.06	1.83	1.14	0.60	2.00	0.71	1.71	0.02	100.00
IN2.5-11-76	60.98	0.52	23.08	6.54	0.06	1.97	1.12	1.38	1.76	0.81	1.76	0.01	100.00
IN2.5-11-77	61.24	0.52	23.81	6.36	0.07	1.44	1.18	0.97	1.98	0.72	1.68	0.01	100.00
IN2.5-11-78	61.41	0.53	22.98	6.61	0.06	1.83	1.13	1.35	1.93	0.53	1.62	0.02	100.00
IN2.5-11-79	61.25	0.52	22.99	6.80	0.06	1.88	1.14	0.99	2.05	0.55	1.76	0.02	100.00
IN2.5-11-80	61.73	0.55	23.03	6.51	0.05	1.88	1.09	1.20	1.82	0.47	1.67	0.01	100.00
IN2.5-11-81	60.38	0.56	24.01	6.96	0.05	1.75	1.09	0.90	1.87	0.47	1.94	0.01	100.00
IN2.5-11-82	59.72	0.56	23.58	7.06	0.06	1.90	1.11	1.31	1.79	0.76	2.14	0.01	100.00
IN2.5-11-83	60.97	0.53	23.28	6.66	0.07	1.01	1.23	1.13	1.81	0.88	2.41	0.02	100.00
IN2.5-11-84	60.89	0.51	23.57	6.08	0.05	1.79	1.18	0.89	1.65	0.91	2.45	0.02	100.00
IN2.5-11-85	60.72	0.53	23.81	6.38	0.05	1.37	1.11	1.19	1.94	0.63	2.24	0.02	100.00
IN2.5-11-86	61.00	0.55	23.77	6.36	0.06	1.69	1.09	0.88	1.99	0.51	2.09	0.01	100.00
IN2.5-11-87	62.32	0.56	22.67	6.19	0.05	1.98	1.12	0.88	1.88	0.48	1.84	0.01	100.00
IN2.5-11-88	62.25	0.57	22.92	6.17	0.06	1.90	1.12	0.74	1.96	0.42	1.88	0.02	100.00
IN2.5-11-89	61.50	0.53	23.13	6.31	0.06	1.79	1.04	1.30	1.93	0.37	2.02	0.01	100.00
IN2.5-11-90	60.80	0.53	23.63	6.47	0.05	1.72	1.04	1.04	1.97	0.70	2.03	0.01	100.00
IN2.5-11-91	61.28	0.55	22.60	6.75	0.05	2.00	1.04	1.15	1.97	0.52	2.08	0.01	100.00
IN2.5-11-92	60.82	0.56	23.13	7.10	0.05	1.87	0.94	0.52	1.99	0.57	2.43	0.01	100.00
IN2.5-11-93	61.51	0.56	22.14	7.31	0.05	1.75	1.04	1.13	1.74	0.42	2.33	0.01	100.00
IN2.5-11-94	60.01	0.52	23.52	7.17	0.05	1.83	1.05	0.97	1.75	0.63	2.48	0.02	100.00
IN2.5-11-95	60.74	0.55	22.44	7.45	0.06	1.74	1.10	0.96	2.01	0.20	2.73	0.01	100.00
IN2.5-11-96	60.61	0.55	22.26	7.71	0.05	2.01	1.04	0.83	1.87	0.20	2.85	0.01	100.00
IN2.5-11-97	61.24	0.55	21.73	7.69	0.05	1.64	1.00	1.16	1.81	0.31	2.81	0.02	100.00
IN2.5-11-98	61.14	0.59	22.34	7.44	0.05	1.55	0.97	1.03	1.94	0.36	2.56	0.01	100.00
IN2.5-11-99	60.45	0.57	22.45	7.79	0.04	1.95	1.01	1.11	1.72	0.18	2.73	0.01	100.00
IN2.5-11-100	59.93	0.54	22.29	7.98	0.05	2.07	1.00	1.36	1.74	0.19	2.84	0.02	100.00
IN2.5-11-101	59.19	0.55	23.03	8.31	0.07	1.75	1.03	1.04	1.99	0.19	2.83	0.01	100.00

spectrum No.	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>	total
IN2.5-11-102	60.43	0.56	22.25	8.17	0.07	1.87	1.06	0.94	1.85	0.20	2.58	0.02	100.00
IN2.5-11-103	59.88	0.54	22.24	8.14	0.06	1.80	1.07	1.11	1.93	0.19	3.01	0.01	100.00
IN2.5-11-104	59.82	0.58	21.46	8.24	0.05	1.85	1.02	0.85	2.06	0.23	3.83	0.02	100.00
IN2.5-11-105	61.47	0.55	21.07	7.65	0.05	1.46	1.01	1.41	1.86	0.20	3.25	0.02	100.00
IN2.5-11-106	61.78	0.57	21.39	7.40	0.05	1.88	0.98	1.02	1.98	0.21	2.74	0.02	100.00
IN2.5-11-107	61.51	0.57	22.49	6.93	0.05	1.86	0.95	0.88	1.91	0.19	2.62	0.02	100.00
IN2.5-11-108	61.23	0.55	22.45	6.99	0.06	1.77	0.99	0.95	1.91	0.19	2.89	0.01	100.00
IN2.5-11-109	58.99	0.50	22.12	8.36	0.05	1.81	0.90	1.36	1.72	0.19	3.97	0.02	100.00
IN2.5-11-110	57.10	0.49	21.24	10.44	0.05	1.67	0.90	0.69	1.89	0.19	5.31	0.03	100.00
IN2.5-11-111	56.18	0.52	19.97	11.98	0.05	1.49	0.92	1.04	1.91	0.18	5.75	0.03	100.00
IN2.5-11-112	56.72	0.50	20.67	11.20	0.05	1.52	0.88	1.06	1.82	0.18	5.38	0.02	100.00
IN2.5-11-113	58.39	0.53	20.45	10.37	0.05	1.74	0.88	0.94	1.79	0.04	4.80	0.02	100.00
IN2.5-11-114	58.71	0.58	21.66	9.39	0.04	1.78	0.93	0.72	1.94	0.19	4.05	0.02	100.00
IN2.5-11-115	59.18	0.59	21.21	9.23	0.04	1.56	0.93	1.14	1.98	0.19	3.92	0.02	100.00
IN2.5-11-116	60.30	0.55	21.69	8.97	0.05	1.54	0.88	0.44	1.95	0.19	3.41	0.02	100.00
IN2.5-11-117	60.69	0.53	22.12	7.82	0.05	1.78	0.93	1.18	1.79	0.20	2.90	0.02	100.00
IN2.5-11-118	62.14	0.58	21.63	7.04	0.05	1.72	0.89	1.20	1.91	0.20	2.61	0.02	100.00
IN2.5-11-119	61.77	0.54	22.03	6.77	0.05	2.29	0.96	0.95	1.90	0.21	2.52	0.02	100.00
IN2.5-11-120	61.97	0.58	21.35	7.23	0.05	1.81	1.01	0.91	2.11	0.21	2.75	0.02	100.00
IN2.5-11-121	60.31	0.55	22.81	7.12	0.05	1.96	0.92	1.16	2.02	0.20	2.88	0.02	100.00
IN2.5-11-122	58.07	0.55	21.24	9.88	0.05	1.85	0.87	1.25	1.79	0.19	4.24	0.02	100.00
IN2.5-11-123	56.83	0.53	20.67	11.15	0.04	1.84	0.82	1.05	1.66	0.17	5.22	0.02	100.00
IN2.5-11-124	55.10	0.46	21.51	11.19	0.04	1.72	0.81	0.97	1.61	0.17	6.38	0.02	100.00
IN2.5-11-125	56.69	0.53	19.83	10.57	0.05	1.95	0.90	1.00	1.86	0.18	6.40	0.02	100.00
IN2.5-11-126	56.59	0.53	21.24	9.95	0.04	1.92	0.85	1.03	1.86	0.18	5.79	0.02	100.00
IN2.5-11-127	58.07	0.51	20.84	10.06	0.05	1.84	0.83	1.09	1.88	0.19	4.62	0.02	100.00
IN2.5-11-128	58.65	0.47	21.15	9.46	0.05	2.10	0.97	1.04	1.80	0.19	4.08	0.03	100.00
IN2.5-11-129	60.27	0.52	21.41	7.95	0.05	2.19	1.05	1.24	1.87	0.35	3.09	0.02	100.00
IN2.5-11-130	60.53	0.54	22.01	6.81	0.05	2.17	0.99	1.41	1.93	0.46	3.06	0.02	100.00
IN2.5-11-131	61.23	0.54	22.57	6.40	0.05	1.81	0.98	1.24	1.95	0.19	3.01	0.02	100.00
IN2.5-11-132	60.81	0.52	21.93	7.15	0.05	1.91	1.01	1.27	1.86	0.20	3.28	0.02	100.00
IN2.5-11-133	59.51	0.50	22.25	7.69	0.05	1.67	1.01	1.26	1.92	0.31	3.82	0.02	100.00
IN2.5-11-134	59.42	0.50	22.10	7.89	0.06	1.82	1.01	0.93	1.81	0.26	4.17	0.02	100.00
IN2.5-11-135	60.89	0.55	21.80	7.36	0.05	1.83	1.05	0.99	1.87	0.20	3.39	0.02	100.00
IN2.5-11-136	60.74	0.52	22.25	6.98	0.05	1.96	1.03	1.27	1.91	0.45	2.81	0.02	100.00
IN2.5-11-137	59.87	0.52	24.47	6.44	0.06	2.12	1.05	1.06	1.79	0.59	2.02	0.02	100.00
IN2.5-11-138	60.93	0.53	23.31	6.30	0.06	2.00	1.13	1.17	1.98	0.56	2.02	0.02	100.00
IN2.5-11-139	61.08	0.55	22.76	6.67	0.05	1.84	1.01	1.32	1.88	0.41	2.41	0.02	100.00

IN2.5-11	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	P <sub>2</sub> O <sub>5</sub>	SO <sub>3</sub>	As <sub>2</sub> O <sub>5</sub>	total
mean	60.06	0.52	22.25	8.51	0.07	1.83	1.05	1.02	1.87	0.36	2.45	0.01	
SD	1.75	0.04	1.18	2.50	0.03	0.21	0.10	0.22	0.12	0.25	1.18	0.01	
maximum	62.98	0.69	25.32	19.83	0.21	2.34	1.38	1.54	2.12	1.00	6.40	0.03	
minimum	53.50	0.40	19.55	4.96	0.04	1.01	0.81	0.13	1.50	0.02	0.86	0.00	