Analyte symbol	SiO_2	Al_2O_3	Fe_2O_3	MnO	MgO	CaO	Na_2O	K_2O	TiO_2	P_2O_5	LOI	Total	Sc	Be	V	Cr	Co	Ni	Cu
Unit symbol	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection limit	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01	–	–	1	1	5	20	1	20	10
Analysis method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	–	ICP	ICP	ICP	MS	MS	MS	MS
2013 LSM-T	75.53	12.92	2.79	0.07	*0.22*	*1.06*	3.43	4.42	0.13	0.03	*6.95*	99.33	2	5	8	**30**	1	< 20	< 10
2014 LSM-T	74.67	13.81	2.56	0.08	*0.29*	*2.48*	3.46	4.22	0.14	0.04	*8.07*	98.99	2	7	12	**30**	1	< 20	< 10
2014 NM-GU	76.56	12.65	2.47	0.09	*0.39*	*0.48*	3.14	4.84	0.06	< 0.01	*6.84*	99.82	1	13	7	**160**	1	< 20	20
DN-97-117	74.52	13.78	3.09	0.10	*0.19*	*0.47*	2.70	5.39	0.11	0.02	*5.9*	99.70	2	11	13	**230**	2	< 20	20
2014 NM-TS	76.12	11.77	2.54	0.07	*0.08*	*0.39*	4.00	4.26	0.09	< 0.01	*0.78*	98.87	1	5	6	**30**	1	< 20	< 10

Analyte symbol	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	Bi	La	Ce
Unit symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection limit	30	1	1	5	2	2	2	4	1	2	0.5	0.2	1	0.5	0.5	3	0.4	0.1	0.1
Analysis method	MS	MS	MS	MS	MS	ICP	ICP	ICP	MS	MS	MS	MS	MS	MS	MS	ICP	MS	MS	MS
2013 LSM-T	80	23	2	< 5	**149**	90	55	244	**59**	6	0.9	< 0.2	**5**	0.6	3.9	216	< 0.4	**67.8**	133
2014 LSM-T	100	25	2	< 5	**164**	151	76	272	**80**	6	1.1	< 0.2	**6**	0.6	4.8	411	< 0.4	**71.6**	135
2014 NM-GU	130	29	2	< 5	**335**	17	93	245	**150**	8	0.8	< 0.2	**11**	0.7	8.9	39	< 0.4	**40.6**	93.3
DN-97-117	120	31	2	< 5	**305**	29	92	243	**144**	8	0.8	< 0.2	**10**	0.7	10.2	125	< 0.4	**43.1**	105
2014 NM-TS	90	23	2	< 5	**160**	23	59	200	**57**	2	0.7	< 0.2	**3**	< 0.5	2.9	78	< 0.4	**58.6**	116

Analyte symbol	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Th	U
Unit symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection limit	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.04	0.2	0.1	1	0.1	5	0.1	0.1
Analysis method	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
2013 LSM-T	14	48.8	9.9	0.24	8.3	1.5	9	1.8	5.4	0.87	5.2	0.72	7.3	**4.7**	4	0.6	**28**	**19.9**	**5.6**
2014 LSM-T	15.2	56	12	0.55	10.5	1.9	12	2.4	7.1	1.2	7.5	1.12	9.3	**6.5**	4	0.7	**37**	**24.9**	**6.8**
2014 NM-GU	10.8	39.9	11.4	< 0.05	10.9	2.1	13.7	2.9	8.5	1.45	9.3	1.3	10.9	**14**	6	0.9	**42**	**43.4**	**16**
DN-97-117	11.2	42	11.4	0.15	10.9	2	13.6	2.8	8.2	1.34	9.1	1.23	10.8	**13.4**	5	1	**44**	**43.4**	**13.9**
2014 NM-TS	12.6	44.1	9.8	0.13	8.6	1.5	9.7	1.9	5.6	0.92	5.7	0.8	6.7	**4.9**	3	0.2	**19**	**19.6**	**6.1**