

Preset Sample Data

Sample Name: **CAT9511o**
 Description: Hayden
 Method: Tq-0261a
 Job Number: Thilo Ac Vis
 Sample State: Pressed tablet, 32 mm
 Sample Type: Pressed Tablet
 Sample Status: A A A X X X

Dilution Material: B-HWC
 Sample Mass (g): 4.0000
 Dilution Mass (g): 0.9000
 Dilution Factor: 0.8163
 Sample rotation: No
 Date of Receipt: 02/06/2006
 Date of Evaluation: 02/06/2006

Results

The error is the statistical error with 1 sigma confidence interval

Screening analysis

11	Na2O	16800	± 1600	µg/g
12	MgO	16360	± 430	µg/g
13	Al2O3	180800	± 700	µg/g
14	SiO2	670300	± 1100	µg/g
15	P2O5	8601	± 73	µg/g
16	SO3	11130	± 60	µg/g
17	Cl	6214	± 21	µg/g
19	K2O	20310	± 150	µg/g
20	CaO	37290	± 170	µg/g
22	TiO2	5292	± 47	µg/g
23	V2O5	195	± 20	µg/g
24	Cr2O3	200	± 10	µg/g
25	MnO	978	± 15	µg/g
26	Fe2O3	49080	± 100	µg/g
27	CoO	42.7	± 8.6	µg/g
28	NiO	48.7	± 2.2	µg/g
29	CuO	205.7	± 3.4	µg/g
30	ZnO	107.0	± 2.0	µg/g
31	Ga	18.5	± 0.8	µg/g
32	Ge	3.0	± 0.4	µg/g
33	As2O3	10.4	± 0.9	µg/g
34	Se	0.6	± 0.2	µg/g
35	Br	26.8	± 0.5	µg/g
37	Rb2O	129.0	± 0.9	µg/g
38	SrO	116.9	± 0.8	µg/g
39	Y	19.8	± 0.6	µg/g
40	ZrO2	184.0	± 6.1	µg/g
41	Nb2O5	16.2	± 2.4	µg/g
42	Mo	3.2	± 1.0	µg/g
47	Ag		< 1.0	µg/g
48	Cd		< 0.9	µg/g
50	SnO2	4.2	± 0.3	µg/g
51	Sb	1.2	± 0.3	µg/g
52	Te		< 1.7	µg/g
53	I		< 3.2	µg/g
55	Cs		< 6.0	µg/g
56	Ba	148.2	± 4.5	µg/g
57	La	19.5	± 3.1	µg/g

Screening analysis

58	Ce		< 14	µg/g
80	Hg		< 1.0	µg/g
81	Tl	1.7	± 0.6	µg/g
82	PbO	20.3	± 1.0	µg/g
83	Bi	0.6	± 0.4	µg/g
90	Th	12.7	± 0.6	µg/g
92	U		< 6.8	µg/g

Sum of concentration 52.87 %

Main Compounds

11	Na2O	1.68	± 0.16	%
12	MgO	1.636	± 0.043	%
13	Al2O3	18.08	± 0.07	%
14	SiO2	67.03	± 0.11	%
16	SO3	1.113	± 0.006	%
19	K2O	2.031	± 0.015	%
20	CaO	3.729	± 0.017	%
26	Fe2O3	4.908	± 0.010	%

Sum 100.2 %