

Date	Reading	Realtime (sec)	LiveTime (sec)	Mode	Cu	Ag	Pt	Au
13-Jul-06	Side1	90	73.73	Analytical	54.08	2.43	BDL	43.49
13-Jul-06	Side1	90	73.95	Analytical	54.16	2.56	BDL	43.27
13-Jul-06	Side 1	300	251.39	Analytical	54.94	2.93	BDL	42.13
13-Jul-06	Side 2	90	74.31	Analytical	48.52	3.75	BDL	47.74
13-Jul-06	Side 2	300	250.58	Analytical	50.23	3.52	BDL	46.25

Cu +/-	Ag +/-	Pt +/-	Au +/-
0.18	0.05		0.48
0.18	0.05		0.48
0.17	0.06		0.51
0.09	0.03		0.27
0.1	0.03		0.27

3	53.53	2.41	ND	43.05	98.99
4	54.06	2.56	ND	43.19	99.81
5	48.06	3.71	ND	47.29	99.06
9	49.54	3.47	ND	45.62	98.63
10	54.29	2.9	ND	41.63	98.82

Instrument specifications

Innov-X handheld ED-XRF (portable)

Features : miniature X-ray tube (10-40kV, 10-100µA), silver anode, silicon pin diode detector, with preset conditions and calibration curves

Modes : soil mode with light element analysis program (LEAP) settings, which optimize the instrument to look at elements lighter than Fe (K, Ca, Ti, Cr, Mn, Ba), using built-in X-ray tube beam settings