

Appendix 3 – Table 3.4. Analyses of blanks

ELEMENTS		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hf	Hg	Ho	In	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb	Nd	Ni	P		
UNITS		ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	
DETECTION		1	0.05	20	1	1	0.05	0.01	0.01	0.01	0.01	0.1	1	0.01	0.5	0.01	0.01	0.01	0.01	0.05	0.05	0.01	0.01	0.01	0.01	20	0.01	0.1	0.01	0.01	0.01	1	0.1	0.01	0.02	0.01	0.5	20	
3X LLD		3	0.15	60	3	3	0.15	0.03	0.03	0.03	0.03	0.3	3	0.03	1.5	0.03	0.03	0.03	0.03	0.15	0.15	0.03	0.03	0.03	0.03	60	0.03	0.3	0.03	0.03	0.03	3	0.3	0.03	0.06	0.03	1.5	60	
Batch																																							
Control Blank	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.01	X	X	X	X	
Control Blank	1	X	X	X	X	X	X	X	X	0.02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.01	X	X	X	
Control Blank	1	X	X	X	X	X	X	X	X	0.02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.01	X	0.01	X	X
Control Blank	1	X	X	X	X	1	X	X	X	X	0.03	X	X	X	X	X	X	X	X	X	X	0.04	X	X	X	X	0.01	X	X	X	X	X	X	0.01	X	0.01	X	X	
Control Blank	2	1	X	X	X	X	X	X	X	0.05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.02	X	X	X	1	X	0.01	X	0.02	1	X		
Control Blank	2	1	X	X	X	X	X	X	X	0.03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.01	X	X	0.8	X	
Control Blank	2	1	X	X	X	X	X	X	X	0.05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.02	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	2	X	X	X	X	X	X	X	X	0.02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.01	X	X	0.7	X	
Control Blank	2	X	X	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	3	X	X	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	3	X	X	X	X	X	X	X	X	0.02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	21	0.01	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	3	X	X	X	X	X	X	X	X	0.03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.01	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.02	X	0.01	X	X		
Control Blank	4	X	X	30	X	X	X	0.01	X	0.09	X	X	X	X	X	X	X	X	0.01	X	X	X	X	X	X	49	0.04	X	X	X	X	X	X	0.03	X	0.04	0.6	X	
Control Blank	4	X	X	X	X	X	X	X	X	0.02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	22	0.01	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	4	X	X	X	X	X	X	X	X	0.03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	26	0.01	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	4	X	X	X	X	X	X	X	X	0.02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	22	0.01	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	4	X	X	X	X	X	X	X	X	0.04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.02	X	X	X	X	X	0.01	X	X	X	X		
Control Blank	5	X	X	226	X	X	X	X	X	0.03	X	X	X	X	X	X	0.01	0.01	X	X	X	X	X	X	X	25	X	X	X	X	X	2	X	0.02	X	X	0.6	X	
Control Blank	5	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	30	X	X	X	X	X	X	X	X	0.03	X	X	X	X	
Control Blank	5	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	X	X	X	X	X	X	X	X	0.02	X	0.01	X	X	
Control Blank	5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	31	X	X	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	5	X	X	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	30	X	X	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	6	X	X	X	X	2	X	X	X	0.03	X	X	X	X	X	X	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Control Blank	6	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	0.02	X	X	X	X	
Control Blank	6	X	X	X	X	1	X	X	0.01	X	X	X	X	X	0.7	X	X	X	X	X	X	X	0.01	X	X	27	X	X	X	X	X	X	X	0.01	X	X	0.7	X	
Control Blank	6	X	X	X	X	X	X	0.02	X	X	X	X	X	X	0.7	X	X	X	X	X	X	X	X	X	29	X	X	X	X	X	X	X	X	0.03	X	X	0.6	X	
Control Blank	6	X	X	X	X	X	X	0.01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	22	X	X	X	X	X	X	X	X	0.01	X	X	1.4	X	
Control Blank	6	X	X	X	X	X	X	0.01	X	0.03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	24	0.02	X	X	X	X	X	X	0.02	X	0.01	2.1	X		

Pb	Pd	Pr	Pt	Rb	Re	S	Sb	Sc	Se	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
ppm	ppb	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0.5	10	0.01	5	0.02	0.001	50	0.02	0.1	1	0.01	0.05	0.02	0.01	0.01	0.05	0.01	5	0.01	0.01	0.01	2	0.05	0.02	0.01	1	0.1
1.5	30	0.03	15	0.06	0.003	150	0.06	0.3	3	0.03	0.15	0.06	0.03	0.03	0.15	0.03	15	0.03	0.03	0.03	6	0.15	0.06	0.03	3	0.3
X	X	X	X	0.02	X	61	X	X	X	X	X	0.1	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.03	X	63	X	X	X	X	X	0.05	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.05	X	64	X	X	X	X	X	0.12	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.05	X	66	X	X	X	X	X	0.11	X	X	X	X	X	X	X	X	X	X	X	X	X	1.3
X	X	X	X	0.04	X	60	X	X	X	X	X	0.11	X	X	X	X	X	X	X	X	X	X	X	X	X	0.3
X	X	X	X	0.04	X	67	X	X	X	X	X	0.06	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.02	X	70	X	X	X	X	X	0.23	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.03	X	69	X	X	X	X	0.05	0.03	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.03	X	65	X	X	X	X	0.07	0.15	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	57	X	X	X	X	X	0.37	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.02	X	X	X	X	X	X	X	0.38	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.03	X	X	X	X	X	X	X	0.29	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.03	X	X	X	X	X	X	X	0.45	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	0.3	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	70	0.08	X	X	0.02	X	0.19	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	61	X	X	X	X	X	0.03	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.04	X	59	X	X	X	X	X	0.08	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	63	X	X	X	X	X	0.04	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	66	X	X	X	X	X	0.07	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	69	X	X	X	X	X	0.19	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	65	X	X	X	X	X	0.05	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	61	X	X	X	X	X	0.02	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.02	X	62	X	X	X	X	X	0.05	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	86	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.02	X	92	X	X	X	X	X	0.07	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	104	X	X	X	X	X	0.05	X	X	X	X	X	X	X	X	X	X	X	X	X	0.1
X	X	X	X	X	X	76	X	X	X	X	X	0.33	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	101	X	X	X	X	X	0.04	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	0.03	X	106	X	X	X	X	X	0.12	X	X	X	X	X	X	X	X	X	X	X	X	X	X