

**Appendix 3 – Table 3.1. Analyses of sample duplicates: transects**

					ELEMENT	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		
					UNIT	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	
					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	
Parent	Site duplicate	Site	Unit	Batch																																					
220882	221187	SS1	Hidden Basin beds	2																																					
220604	220815	SS6	Liveringa Group	4																																					
220790	220671	SRT10	Undivided Mesozoic	4																																					

Ni	P	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	Count	Site observations		
ppm	ppm	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	ppm			
0.5	20	0.5	10	0.01	5	0.02	0	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				
						x											x										x	x	10			
						x																							4			
																														1		