

SAMPLE DATA

CONTENT OF ELEMENTS (ppm) IN SAMPLES FROM QUADRANGLE 206 PHOTOMOSAIC SHEET 96

Number	Type	Size	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu	Ga	Ge	Hg	La	Mn	Mo	Nb	Ni	Pb	Sb	Sc	Sn	Sr	Te	Ti	U	V	W	Y	Zn	Zr
Min. detect. content ¹			1			10	20	2	20	50	5	5	10	10	20		20	20	2	50	5	10	200	10	10	50	20	20	50	10	100	20		
13690						20	700				15	50	10	10				500			20	15		10		200	3000	100		20		10		
13690A													15 ^w						10 ^w											24 ^w		50 ^w		
13691													20 ^w						10 ^w													75 ^w		
13694						20	500				15	70	15	10				500			30	15		10		200	7000	100		20		100		
13694A													20 ^w						15 ^w											800 ^w		50 ^w		
13695													20 ^w						10 ^w													75 ^w		
13696						20	500				20	50	10	10				300			20	15		10		200	3000	70		15		50		
13696A													10 ^w						30 ^w											1200		50 ^w		
13697													20 ^w						10 ^w													75 ^w		
13699			1.5			20	500				20	50	15	10			50	100			50	15		10		200	1000	100		20		150		
13699A													15 ^w						30 ^w											24 ^w		15 ^w		
13700													20 ^w						10 ^w													75 ^w		
13703						20	500				20	100	20	10			20	500			20	15		10		300	1000	70		30		150		
13703A													10 ^w						10 ^w											24 ^w		50 ^w		
13704													10 ^w						10 ^w													75 ^w		
13706						20	500				15	50	15	10				300			50	15		10		200	3000	70		30		70		
13706A													20 ^w						5 ^w											100 ^w		50 ^w		
13707													20 ^w						10 ^w													100 ^w		
13710			<1			20	700	<20	<20		10	50	10	10	<20		<20	300	<2	<50	30	10	<200	10	<10	200	3000	100	<50	10	<100	70		
13710A													20 ^w						5 ^w											10 ^w		50 ^w		
13711													30 ^w						10 ^w													100 ^w		
18648						20	500				10	100	20	15				300			30	10		10		300	2000	50		10		50		
18651						20	500				10	50	20	15				300			30	20		<10		200	2000	50		10		70		
18655						20	300				10	50	20	15			100	200			50	10		15		300	2000	70		20		150		
18656						15	500				10	50	20	15				200			20	10		10		200	2000	50		15		100		
18659						15	500				15	50	50	10				300			30	10		10		2000	1500	50		10		70		
18660						15	300				20	150	50	10				300			150	<10		10		200	1500	50		10		150		
18660T						15	500				20	100	30	10				300			50	20		10		200	2000	50		10		100		
18661T			1.5			15	500				20	50	100	10				300			20	150		10		300	2000	70		10		70		
18662			1			15	300				20	70	200	10				300			30	300		10		200	2000	100		15		100		
18665						20	500				15	50	50	10				300			50	<10		10		200	5000	70		10		100		
18668						15	300				20	100	30	10				300			70	300		15		200	2000	100		15		150		
18671						20	500				20	200	50	10				500			50	10		15		300	3000	100		20		70		
18675						15	500				20	70	100	15				500			50	10		10		200	5000	100		30		100		
18676T						15	500				20	70	200	15				300			30	20		10		200	5000	70		30	100	100		
18677A						15	500				10	70	30	10				200			20	10		10		300	1500	50		<10		50		
18677B						20	500				20	200	50	10				300			50	10		15		200	5000	100		15		200		
18678			<1			20	500	<2	<20	<50	20	100	200	10	<20		<20	500	<2	<50	30	1000	<200	20	<10	300	3000	100	<50	20	100	100		
18678T			2			20	500				20	200	200	10				300			70	1000		15		300	2000	70		10		100		
18679						20	500				15	200	20	10				500			50	20		15		300	3000	50		20		100		
18680			2			20	500				15	100	200	10				300	15		30	1500		10		300	3000	100		15	150	100		
18680T			1.5			20	500				10	70	100	10				200			20	500		10		300	2000	100		10		100		
Background																																		

¹ All determinations by emission spectrometry (Analyst: C.E. Thompson) unless indicated otherwise: a-assay (Au, Ag); OI₂/I₀ - optical absorption; f-fluorescence; r-radiometric; x-X-ray spectrometry; w-wet chemical methods; v-vapor detection.

² R-rock; RA-altered rock; RP-pegmatite; RV-vein material; S-soil sample; R/W-residual and wash material; AD-dump and pit material from onclent mine; AT-tollings from onclent mine; AS-slog; HWS-head wadi or fon sediment; WS-wadi sediment; K-khobro sediment. Letters after the foregoing indicate magnetite (M), panned concentrate (P).

³ Screen sizes: 32 mesh (.0195 in., .495 mm.); 80 mesh (.0069 in., .175 mm.). > -greater than; < -less than. ¹ Minimum detectable content of element by method.