

(200)
 R295
 W. 72-20

Table 6. Partial composition of joint faces, joint contacts, and soils from among joints at the Lion 1 mine.

Constituent	Joint face, Black Colored	1/ N	Joint faces, Brown Colored	N	Soils among joints	Rocks adjacent to joints							
						N	Black colored	N	Brown colored	N	White colored	N	
U	Range (ppm)	5 to 50	12	3 to 3,800	10	10 to 85	5	5 to 31	4	4 to 1,600	5	4 to 40	6
	Mean (ppm)	20		424		41		19		605		18	
	Median (ppm)	16		65		18		20		14		12	
eU	Range (% x10 ⁻³)	1 to 67	15	0.7 to 134.	10	1 to 6	5	0.5 to 4.	4	0.8 to 1.7	5	1.3 to 5.	6
	Mean "	12		19		4		1.9		19.6		2.5	
	Median "	3		7		4		1.6		1.7		2.1	
As ^{2/}	Range (ppm)	<10 to 400	14	<10 to 63	10	<10 to 30	5	10 to 21	4	<10 to 37	5	<10 to 30	6
	Mean "	(53)		(35)		(19)		(16)		(22)		(12)	
	Median "	13		28		23		15		20		10	
Cu ^{3/}	Range (ppm)	<20 to 50	12	<20 to 300	10	<20 to 35	5	<20 to 20	4		5	<20 to 20	6
	Mean "	<20 (12)		<20 (15)		<20 (16)		<20 (9)		<20 (6)		<20 (8)	
	Median "	<20 (7)		<20 (5)		<20 (17)		<20 (5)		<20 (5)		<20 (5)	
Fe	Range (%)	0.13 to 1.53	12	0.23 to 2.63	10	0.40 to 1.10	5	0.25 to 0.60	4	0.30 to 1.37	5	0.20 to 0.80	6
	Mean "	0.64		1.08		0.75		0.43		0.61		0.44	
	Median "	0.47		0.75		0.73		0.43		0.50		0.41	
Mn	Range (%)	0.09 to 10.00	13	0.13 to 0.70	10	0.08 to 0.63	5	0.45 to 1.10	4	0.15 to 0.70	5	0.04 to 0.40	6
	Mean "	1.56		0.43		0.26		0.78		0.51		0.17	
	Median "	1.00		0.415		0.19		0.78		0.60		0.07	
Pb	Range (ppm)	<10 to 40	7	10 to 50	2	<10 to 10	3		1		1	<10 to 10	2
	Mean "	<10		30		5		<10					
	Median "	<10		30		<10							
pH	Range	7.6 to 8.3	7	7.6 to 7.8	2	7.5 to 8.2	3				1	7.9 to 8.2	2
	Median	7.7		7.7		7.8			1	7.6		8.0	
TiO ₂	Range (%)	<0.5 to 0.7	7	<0.5 to 0.5	2	<0.5 to 0.5	3				1	<0.5 to 0.5	2
	Mean "					0.5			1	<0.5		<0.5	
	Median "												
V	Range (%)	0.03 to 2.4	14	0.03 to 0.53	10	0.03 to 0.13	5	0.05 to 0.25	4	0.8 to 0.25	5	0.06 to 0.11	6
	Mean "	0.27		0.20		0.07		0.17		0.16		0.08	
	Median "	0.12		0.16		0.07		0.18		0.18		0.08	
Zn ^{3/}	Range (ppm)	<20 to 73 (5)	12	<20 to 70 (5)	10	<20 to 0.22	5	<20 to 100 (5)	4	<20 to 57 (5)	5	<20 to 20 (5)	6
	Mean "	<20 (16)		(30)		<20 (15)		(49)		(20)		<20 (9)	
	Median "	<20 (10)		<20 (17)		<20 (15)		46		<20 (15)		<20 (8)	

1/ Number of individual and composite samples considered. (from table 11)
 2/ Values in parentheses given when calculation of all values (<10 ppm presumed to be 3 ppm.)
 3/ Values in parentheses given when calculation of all values (<20 ppm presumed to be 5 ppm.)
 4/ Plus values are used in calculations at value shown

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