

<i>E. excavatum</i>	Phase	Cr/Ca	Mn/Ca	Ni/Ca	Cu/Ca	Zn/Ca	Ag/Ca	Cd/Ca	Sn/Ca	Hg/Ca	Pb/Ca
Metal System		$\mu\text{mol mol}^{-1}$	mmol mol^{-1}	$\mu\text{mol mol}^{-1}$	$\mu\text{mol mol}^{-1}$	$\mu\text{mol mol}^{-1}$	$\mu\text{mol mol}^{-1}$	$\mu\text{mol mol}^{-1}$	$\mu\text{mol mol}^{-1}$	nmol mol^{-1}	$\mu\text{mol mol}^{-1}$
E0R5F2	0	17.3	0.3	4.3	12.2	26.7	0.4	5.6	0.2	6.79	1.6
E1R1-0	1	69.8	1.4		24.7	26.0			7.1	131.13	3.5
E1R1-1	1	7.2			18.7		0.1		5.4	123.50	
E1R2-0	1	29.8	0.2	6.4	6.5	20.0	0.0	3.6	0.7	38.71	0.5
E1R2-1	1	44.4	0.4	12.5	7.8	24.3	0.0	6.9	2.5	66.60	2.7
E1R3-0	1	90.7	0.3	8.9	3.4	21.2	0.1		0.3	132.46	0.5
E1R3-01	1	18.7	0.2	6.1	4.3	20.2		2.2	0.7	9.77	0.4
E1R3-1	1	47.0	0.3	2.8	2.5	14.2	0.0	6.5	0.6	83.77	0.7
E1R3-11	1	53.6	0.4	5.1	2.3	23.6	0.0	7.1	0.2	76.82	0.6
E1R3-2	1	18.9	0.2	2.7	1.5	12.0	0.1	2.2	0.2	6.63	0.7
E1R4-0	1	26.5	0.3	26.0	19.0	28.9	0.1	2.8	5.9	32.90	1.7
E1R4-1	1	23.5	0.7	14.0	10.5	22.9	0.0	2.4	3.4	30.52	1.9
E1R5-0	1	31.3	0.1	18.8	11.4	23.0	0.0	3.6	7.0	40.78	3.3
E1R5-1	1	28.0	0.1	15.5	9.2	15.6		3.3	3.8	44.15	2.0
E1R6-1	1	22.3	0.6	12.1	9.1	26.7		2.7	3.6	49.02	0.9
E1R7-0	1	18.4	0.0	3.0	2.3	14.6		2.0	1.5	16.93	0.6
E1R7-1	1	22.5	2.0	2.6	3.3	25.3	0.1	1.8	2.9	19.31	2.2
E1R7-2	1	28.3	3.0	4.6	6.0			2.9	6.5	42.92	3.3
E1R8-0	1	18.0	1.9	4.2	3.0	13.8	0.0	2.0	0.8	7.69	0.5
E1R8-1	1	16.6	2.1	5.2	4.7	13.9	0.0	1.6	1.7	9.36	1.3
E1R8-2	1	36.2	1.2	4.8	4.1	13.0		4.5	1.2	35.66	0.7
E1RN1-0	1		1.1	23.1	39.2	21.4		3.8	2.3		1.2
E1RN10-0	1	76.2	0.1	15.0	33.3	15.8	0.0	7.7	2.7	81.07	1.3
E1RN11-0	1	25.5	0.4	8.3	27.1	23.9		1.4	2.1	16.73	1.4
E1RN12-0	1	12.9	0.1	2.8	10.8	11.1		0.7	0.9	7.77	0.3
E1RN13-B	1	13.1	1.0	3.3	11.4	10.8	0.0	0.7	2.2	5.21	1.0
E1RN2-0	1	34.5	1.2	2.8	23.6	18.9	0.0	2.5	4.5		2.3
E1RN2-0	1	13.1	0.0	3.1	4.8	9.6	0.0	0.3	0.6	474.19	0.4
E1RN3-0	1	30.9	0.3	5.6	37.1	12.8	0.0	2.0	2.7	54.72	1.5
E1RN3-0	1	17.8	0.1	2.6	7.7	11.5		0.5	0.8	21.43	0.5
E1RN4-0	1		1.6	9.1	19.7	25.2		3.2	3.8	35.98	1.9
E1RN5-0	1	42.3	0.4	7.2	19.6	15.3	0.0	3.9	2.6	300.41	1.5
E1RN5-0	1	17.6	1.1	1.7	4.2	14.9	0.0	0.4	0.7	270.91	0.7
E1RN6-0	1	29.4	0.1	5.9	26.9	15.0		1.7	4.2	438.99	2.1
E1RN6-0	1		0.7	3.5	9.6	25.1		3.2	4.2	26.18	1.2
E1RN8-0	1	64.5	1.0	20.1		21.0	0.0	4.0	2.3	142.17	1.4
E1RN9-0	1	56.6	0.1	9.6	19.7	18.8	0.1	3.2	2.1	40.81	0.9
E2R2-0	2	44.8	0.4	6.4	6.3	25.3	0.3	5.5		2.24	10.1
E2R3-0	2	39.2	0.2	8.1	6.1	26.2	0.8	4.8	5.4	31.13	5.5
E2R3-1	2	36.8	0.7	6.8	6.5	35.2	0.6	3.6	4.2	12.96	7.9
E2R4-1	2	48.6	1.2	14.3	9.5	35.0	0.0	5.4		57.60	15.5
E2R5-0	2	53.7	0.6	23.3	20.7		1.0	8.0		65.98	
E2R6-0	2	43.8	1.2		20.5	67.6	0.6	5.9	2.9	38.39	3.3
E2R7-0	2	13.8	1.3	1.9	2.1	11.4	0.1	1.4	0.6	7.85	1.0
E2R7-1	2	25.0	1.2	14.8	11.5	32.5	1.3	2.4	6.8	19.14	7.5
E2R8-0	2	18.5	0.0	2.4	1.8	9.6	0.0	1.5	0.6	6.77	0.5
E2R8-1	2	29.6	0.1	7.4	2.6	15.9	0.1	3.2	1.3	19.51	2.1
E2R9-0	2	18.0	0.0	5.0	5.8	26.3	0.2	1.6	0.9	6.21	0.7
E2R9-1	2	66.5	0.5	9.7	5.1	26.8	0.3	8.5	1.6	29.96	4.1
E2RN1-0	2	64.0	0.7	13.9	26.9	37.3		5.2	3.1	242.63	2.6
E2RN10-0	2	50.9	2.0	11.0	18.7	33.8	0.7	3.2	4.3	21.84	5.1
E2RN11-0	2	27.3	2.2	6.2	20.0	39.3	0.3	1.9	5.2	98.30	4.0

E2RN12-0	2	127.8	0.3	9.1	21.6	40.3	0.3	10.3	6.7	33.04	4.8
E2RN12-1	2	54.1	0.1	6.4	11.4	25.4	0.2	3.7	3.2	5.88	4.3
E2RN13-0	2	18.1	1.5	2.2	4.6	10.5	0.1	0.9	0.9	47.56	0.8
E2RN2-0	2	71.4	0.4	11.4	19.7	42.2	3.4	6.5	5.5	625.94	5.3
E2RN3-0	2		2.4			68.0	2.5			828.07	15.0
E2RN5-0	2	46.1		12.0	15.8	25.5	1.5	3.1	1.5		2.5
E2RN6-0	2	17.4	0.2	9.2	14.6	16.6	1.6	0.7	1.6	471.33	1.5
E2RN7-0	2	29.0	0.0	5.3	7.9	19.1	0.1	1.5	0.8	87.26	1.0
E2RN8-0	2	18.0	0.4	3.0	4.7	15.4	0.1	1.0	0.5	9.14	1.0
E3R1-0	3	19.8		7.0	9.9	68.1	0.7	3.9	7.1	33.84	21.9
E3R2-0	3	26.8	0.1	27.5	13.0	46.8	0.3	2.5	5.1	27.55	26.2
E3R2-1	3	33.5	2.4	12.4	11.0	58.3	1.4	4.2	3.5	80.27	70.0
E3R3-0	3	11.5	2.2	17.9	18.7	43.4	3.1	1.4	1.2	4.96	91.1
E3R3-1	3	24.8	2.9	23.8	11.2	49.7	8.1	2.4	1.5	20.45	68.8
E3R3-2	3	30.7	0.6	22.6	11.3	38.8	12.1	3.6	2.0	44.04	70.6
E3R4-0	3	27.3	0.7	21.4	14.1	41.2	3.3	4.5	1.2		117.5
E3R4-1	3	19.2	1.9	10.7	5.6	15.6	1.4	1.6	0.5	4.04	23.3
E3R5-0	3	51.3	0.8	20.1	16.8	69.5	9.9	8.1	2.2		102.3
E3R5-1	3	25.0	0.3	7.3	11.4	58.9	5.4	4.2	1.6		84.9
E3R6-0	3	13.8	0.1	4.0	2.9	13.4	0.1	1.4	0.5	6.61	13.2
E3R6-1	3	25.6	0.7	11.7	7.0	39.0	0.7	2.8	2.1		71.7
E3R7-0	3	38.1	0.0	9.7	5.6	36.9	0.8	5.3	0.8		35.9
E3R7-1	3	20.8	0.7	6.7	7.0	49.0	3.4	2.8	0.8		68.7
E3R8-0	3	29.3	1.0	5.5	3.2	26.5	0.9	2.6	1.2	37.22	22.9
E3R9-0	3	82.5	0.2	7.4	35.0	35.7	0.0	5.5		146.20	39.2
E3RN1-0	3		0.0	18.5	24.5	86.0	4.3	10.1	7.7	165.60	22.9
E3RN10-0	3	81.3	0.2	48.6	78.5	59.8	0.2	7.3	6.6	95.42	
E3RN11-0	3	45.2	0.1	12.1	32.8	34.8	5.0	3.3	1.4	92.49	39.1
E3RN11-1	3	52.9	1.2	8.9	18.2	25.2	1.4	3.9	0.9	312.47	20.5
E3RN12-0	3	160.0	0.0	24.1	36.5	35.7	1.0	8.6	4.7	105.58	27.1
E3RN12-1	3	63.2	0.9	12.0	19.7	27.5	0.3	3.5	2.4	139.07	35.5
E3RN13-0	3	68.3	1.3	9.2	26.6	29.0	0.5	3.9	1.8	61.57	15.6
E3RN14-0	3	28.1	0.9	9.8	17.2	22.5	0.7	2.9	1.1	44.50	27.6
E3RN2-0	3	168.2	0.9	49.0	63.1	82.5	2.6	10.4	7.8		85.6
E3RN3-0	3		2.7				12.1		3.9		120.9
E3RN4-0	3	37.0	0.3	17.6	34.3	46.7	1.7	3.0	0.5		36.9
E3RN6-0	3	25.0	0.0	11.1	22.4	28.2	0.7	1.7	0.8	193.70	12.7
E3RN7-0	3	142.3	1.7	44.8	76.6			9.5	4.3	134.40	122.2
E3RN8-0	3	75.4		16.1	29.7	36.5		9.4	1.4	173.07	54.2
E3RN9-0	3	141.7	0.7	12.8	13.4	44.9	0.0	7.8	5.7	163.93	26.3
Control System											
E0L2F0	0	47.6	1.1	36.8				11.8		22.61	8.9
E0L2F1	0	27.7	1.7	6.9	30.9	70.7	1.3		3.6	29.90	2.7
E0L3F1	0	12.7	0.6	1.6	6.0	33.0	0.2	4.3	0.2	5.25	1.2
E0L4F0	0	10.6	0.0	7.9	2.4	7.8	0.0	3.8	0.0	5.82	0.7
E0L4F1	0	13.3	0.2	1.9	7.4	32.5	0.1	5.5	0.4	6.42	2.5
E0LN1-0	0	29.4	0.5	7.4	13.0	23.4	0.1	1.0	0.5	61.10	1.2
E0LN2-0	0				116.1		0.4	12.9	4.8	19.74	
E0LN3-0	0	31.1	0.0	7.7	21.6	36.1	0.2	1.5	1.7		0.9
E0LN4-0	0	36.5	0.1	19.1	27.5	30.4	0.3	1.6	0.4	11.47	1.0
E0LN5-0	0	15.8	0.4	4.3	7.5	14.4	0.0	0.7	0.2	15.90	0.5
E0LN6-0	0	13.6	0.1	5.5	9.8	14.4	0.0	0.4	0.2	6.32	0.9
E0LN6-1	0	18.4	0.2	13.0	21.3	27.9	0.1	1.1	0.4	4.22	1.4
E0LN7-0	0	22.4	0.7	6.3	15.4	28.4	0.0	1.2	0.4	4.08	0.8
E0LN8-0	0	18.9	0.0	3.9	11.3	17.5	0.0	0.6	0.2	1.95	1.1
E1L1F0	1	15.4	0.7	1.1	2.8	10.6		1.8	0.7	3.28	0.3

E1L2-0	1	381.6	0.8					106.0	32.5	631.40	7.7
E1L2-1	1	15.0	0.8	6.7	20.8	30.0	0.1	1.0	2.1	19.74	1.0
E1L2-2	1	313.4	4.4	26.0	75.5	169.4		71.3	20.8	514.98	3.0
E1L3-0	1		0.4		122.9						
E1L3-01	1	43.5	0.7	5.7	9.0	31.6		8.1	2.4	69.91	1.1
E1L3-02	1	43.9	0.5	8.3	11.6	35.9	0.0	9.7	2.3	81.62	1.3
E1L4-0	1	72.2	4.2	9.8	11.7	63.4		16.7	7.3	73.63	2.0
E1L4-01	1	41.6	3.7	5.2	6.8	50.4		7.0	3.3	35.07	1.0
E1L4-1	1	16.1	5.6	2.9	4.1	36.3	0.0	1.9	4.6	14.74	1.7
E1L4-11	1	13.0	5.6	2.7	4.8	43.9	0.0	1.7	3.1	6.87	1.4
E1L5-0	1	65.5	1.9	9.7	15.8	41.1	0.1	8.5	12.9	44.47	3.4
E1L5-1	1	45.8	0.5	7.7	11.1	25.7	0.1	7.2	6.5	36.33	2.9
E2L1-0	2	12.5	3.1	15.0		47.7	0.1	1.2	1.0	12.53	1.0
E2L1-1	2	18.6	2.9	4.0	3.7	19.3	0.1	1.6	0.4	29.90	0.8
E2L2-0	2	19.6	1.1	4.2	3.1	12.7	0.1	2.6	0.3	44.05	1.3
E2L3-0	2	12.5	2.1	6.2	4.9	16.5	0.0	1.2	0.4	22.05	1.4
E2L4-0	2	14.1	1.4	10.0	20.4		0.0	0.9		14.40	
E2L5-0	2	30.8	2.1		10.2	34.0			0.4		0.9
E2L5-1	2	11.6	1.9	6.0	4.0	23.0	0.3	1.2	0.2	15.56	0.8
E2L6-0	2	9.3	0.0	2.8	1.9	10.3	0.0	1.3	0.1	2.83	0.3
E2LN1-0	2		0.8	5.7	9.0	29.7	0.1	1.7	1.0	35.01	1.4
E2LN2-0	2	22.4	0.0	6.1	4.8	17.8	0.0	0.7	0.2	8.70	0.4
E2LN3-0	2	10.3	1.1	2.0	5.7	13.0	0.0	0.3	0.4	2.51	0.8
E2LN3-1	2	16.3	1.4	4.4	6.4	18.1	0.1	0.7	0.5	6.21	1.0
E2LN3-2	2	16.7	2.4	3.8	6.2	20.3	0.2	0.6	0.6	8.58	1.2
E3L1-0	3	25.0	0.1	5.0	10.5	15.1		1.7	0.5	41.00	0.4
E3L2-0	3	35.3	1.1	7.4	4.8	11.2	0.0	2.9	0.1	46.82	0.2
E3L2-1	3	44.0	0.9	5.0	3.4	15.3		4.3	0.3	70.10	0.4
E3L3-0	3	29.2	0.5	8.1	8.6	20.4	0.0	3.8	0.4	36.00	1.5
E3L3-01	3	22.5	0.9		8.6	17.0	0.0	3.9		29.28	
E3L4-0	3	12.5	0.2	3.2	6.1	16.7	0.1	0.7	0.2	10.05	0.6
E3L4-2	3	9.0	0.6	2.0	2.6	14.4	0.0	0.5	0.2	5.64	0.8
E3L5-0	3	18.6	6.6	2.9	2.4	10.5		1.1	0.2	18.06	0.3
E3L5-1	3	14.8	0.0	2.3	2.6	17.7	0.0	0.6	0.2	12.94	0.4
E3L5-2	3	27.6	2.8	2.6	2.4	15.1		1.9	0.2	29.56	0.3
E3L5-3	3	42.2	3.8	5.6	4.1		0.0	3.4	0.3	60.75	0.6
E3L5-4	3	39.3	3.2	4.2	3.7	31.7	0.1	3.2	0.4	69.33	0.6
Number of rejected points		9	5	10	6	11	30	8	9	15	7