



Universitat
de les Illes Balears

TESIS DOCTORAL
2017

**TECNOLOGÍA METALÚRGICA DEL COBRE
Y DEL BRONCE DURANTE EL PERÍODO
POSTALAYÓTICO EN MALLORCA
(ca. s. VI a. C. - s. I a. C.)**

Anexo II de III. Tablas

Laura Perelló Mateo



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Programa de Doctorado de Historia

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Anexo II de III. Tablas

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Doctora por la Universitat de les Illes Balears

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Parte I.

Análisis elemental de objetos
metálicos ordenado por yacimientos

1. Cometa des Morts I (Escorca)

Campanillas de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.001	MACM1.001/01	RX-EDS	ND	ND	33,7	ND	ND	ND	25,84	ND	ND	40,47	Corona
MACM1.001	MACM1.001/02	RX-EDS	ND	ND	56,81	ND	ND	ND	21,55	ND	ND	40,47	Badajo
MACM1.002	MACM1.002/01	RX-EDS	ND	ND	54,1	ND	ND	ND	28,99	ND	ND	9,81	Mineralizado
MACM1.003	MACM1.003/01	RX-EDS	ND	ND	60,24	ND	ND	ND	23,69	ND	ND	50,24	Mineralizado

Fíbula de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.030	MACM1.030/01	RX-EDS	ND	ND	85,19	ND	ND	ND	14,81	ND	ND	ND	Rotura apéndice
MACM1.030	PA0724A	XRF	0,2	0,12	85,3	0,24	ND	0,009	13,44	0,065	ND	ND	Disco
MACM1.030	PA0724B	XRF	0,26	0,22	82,7	ND	0,22	0,008	15,36	0,083	ND	0,59	Puente
MACM1.030		MEDIA			84,4				14,54				

Discos-fíbula de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.006	MACM1.006/01	RX-EDS	nd	nd	75,16	nd	nd	nd	12,47	nd	nd	12,37	
MACM1.006	MACM1.006/02	RX-EDS	nd	nd	72,33	nd	nd	nd	14,6	nd	nd	13,08	
MACM1.006	MACM1.006/03	RX-EDS	nd	nd	60,73	nd	nd	nd	19,41	nd	nd	25,05	
MACM1.006		MEDIA			69,41				15,49			16,83	
MACM1.006	PA0737	XRF	0,1	0,11	77,39	nd	nd	0,02	11,55	0,06	nd	10,46	Rovira et al. 1991
MACM1.007	MACM1.007/01	RX-EDS	nd	nd	82,67	nd	nd	nd	14,15	nd	nd	3,18	
MACM1.007	MACM1.007/02	RX-EDS	nd	nd	79,49	nd	nd	nd	16,07	nd	nd	4,44	
MACM1.007	MACM1.007/03	RX-EDS	nd	nd	78,26	nd	nd	nd	16,58	nd	nd	5,15	
MACM1.007		MEDIA			80,14				15,6			4,26	
MACM1.007	PA0736	XRF	0,27	0,13	81,37	nd	nd	0,01	14,03	0,06	nd	3,59	Rovira et al. 1991

1. Cometa des Morts I (Escorca)

Discos de Grupo A de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Pb	Observaciones
MACM1.040	MACM1.040/01	RX-EDS	ND	ND	85,83	ND	ND	ND	14,17	ND	ND	
MACM1.040	MACM1.040/02	RX-EDS	ND	ND	86,81	ND	ND	ND	9,00	ND	4,19	
MACM1.040		MEDIA			86,32				11,59		2,10	
MACM1.042a	PA0514A	XRF	0,85	0,27	87,87	ND	ND	0,02	9,44	0,13	0,85	
MACM1.044a	MACM1.044a/01	RX-EDS	ND	ND	75,73	ND	ND	ND	24,27	ND	ND	
MACM1.044a	MACM1.044a/02	RX-EDS	ND	ND	84,94	ND	ND	ND	15,06	ND	ND	
MACM1.044a	PA0542A	XRF	0,59	0,30	85,86	ND	ND	0,03	11,96	0,09	1,09	
MACM1.044a		MEDIA			82,18				17,10		0,36	
MACM1.045	MACM1.045/01	RX-EDS	ND	ND	84,87	ND	ND	ND	12,66	ND	2,47	
MACM1.045	MACM1.045/02	RX-EDS	ND	ND	87,99	ND	ND	ND	10,06	ND	1,95	
MACM1.045	MACM1.045/03	RX-EDS	ND	ND	87,92	ND	ND	ND	12,08	ND	ND	
MACM1.045	PA0548	XRF	0,58	0,07	85,43	ND	ND	0,02	12,10	0,07	1,17	
MACM1.045		MEDIA			86,55				11,73		1,40	
MACM1.046	MACM1.046/01	RX-EDS	ND	ND	89,42	ND	ND	ND	7,33	ND	3,25	
MACM1.046	MACM1.046/02	RX-EDS	ND	ND	90,68	ND	ND	ND	6,77	ND	2,55	
MACM1.046	PA0550	XRF	0,13	0,11	82,61	ND	ND	0,02	11,87	0,09	4,48	
MACM1.046		MEDIA			87,57				8,66		3,43	
MACM1.048a	MACM1.048a/01	RX-EDS	3,13	ND	89,20	ND	ND	ND	7,67	ND	ND	
MACM1.048a	MACM1.048a/02	RX-EDS	ND	ND	92,30	ND	ND	ND	7,70	ND	ND	
MACM1.048a	PA0527A	XRF	0,18	0,06	92,26	0,30	ND	0,01	5,30	0,05	1,21	
MACM1.048a		MEDIA			91,25				6,89		0,40	
MACM1.051a	MACM1.051a/01	RX-EDS	ND	ND	84,98	ND	ND	ND	9,95	ND	5,08	
MACM1.051a	MACM1.051a/02	RX-EDS	ND	ND	81,43	ND	ND	ND	14,27	ND	4,31	
MACM1.051a	PA0746A	XRF	0,37	0,13	81,59	ND	ND	0,01	11,53	0,06	5,40	
MACM1.051a		MEDIA			82,67				11,92		4,93	
MACM1.052	MACM1.052/01	RX-EDS	1,31	ND	84,12	ND	ND	ND	7,57	ND	7,00	
MACM1.052	MACM1.052/02	RX-EDS	ND	ND	62,43	ND	ND	ND	15,53	ND	22,03	
MACM1.052	MACM1.052/03	RX-EDS	ND	ND	68,99	ND	ND	ND	13,27	ND	17,74	
MACM1.052	PA0545	XRF	0,07	0,19	75,28	ND	ND	0,02	11,35	0,09	12,20	
MACM1.052		MEDIA			72,71				11,93		14,74	
MACM1.053	MACM1.053/01	RX-EDS	ND	ND	82,08	ND	ND	ND	14,55	ND	3,36	
MACM1.053	MACM1.053/02	RX-EDS	ND	ND	87,43	ND	ND	ND	9,78	ND	2,80	
MACM1.053	MACM1.053/03	RX-EDS	ND	ND	86,81	ND	ND	ND	10,78	ND	2,41	
MACM1.053	PA0549	XRF	0,51	0,15	83,68	ND	ND	0,02	13,73	0,09	1,45	
MACM1.053		MEDIA			85,00				12,21		2,51	
MACM1.054	MACM1.054/01	RX-EDS	ND	ND	79,94	ND	ND	ND	4,19	ND	15,87	
MACM1.054	MACM1.054/02	RX-EDS	ND	ND	79,42	ND	ND	ND	5,14	ND	15,44	
MACM1.054	MACM1.054/03	RX-EDS	ND	ND	73,34	ND	ND	ND	5,53	ND	20,80	
MACM1.054		MEDIA			77,57				4,95		17,37	
MACM1.055	MACM1.055/01	RX-EDS	ND	ND	89,22	ND	ND	ND	5,00	ND	5,70	
MACM1.055	MACM1.055/02	RX-EDS	ND	ND	94,29	ND	ND	ND	4,20	ND	1,50	
MACM1.055	MACM1.055/03	RX-EDS	ND	ND	96,50	ND	ND	ND	2,69	ND	0,81	
MACM1.055	PA0546	XRF	0,42	0,19	90,82	ND	ND	0,01	2,21	0,02	6,23	

Núm. pieza	Núm. análisis	Tipo analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Pb	Observaciones
MACM1.055		MEDIA			92,71				3,53		3,56	
MACM1.056a	MACM1.056a/01	RX-EDS	ND	ND	82,99	ND	ND	ND	9,34	ND	7,67	
MACM1.056a	MACM1.056a/02	RX-EDS	ND	ND	82,77	ND	ND	ND	7,87	ND	9,36	
MACM1.056a		MEDIA			82,88				8,61		8,52	
MACM1.058a	MACM1.058a/01	RX-EDS	2,35	ND	74,46	ND	ND	ND	5,10	ND	18,10	
MACM1.058a	MACM1.058a/02	RX-EDS	ND	ND	84,61	ND	ND	ND	4,65	ND	10,74	
MACM1.058a	PA0551A	XRF	ND	0,17	60,63	ND	ND	0,01	5,13	0,11	33,89	
MACM1.058a		MEDIA			73,23				4,96		20,91	
MACM1.060a	PA0513A	XRF	0,06	ND	83,54	ND	0,24	0,03	4,74	0,24	8,82	
MACM1.061	MACM1.061/01	RX-EDS	ND	ND	93,07	ND	ND	ND	5,16	ND	1,77	
MACM1.061	MACM1.061/02	RX-EDS	ND	ND	91,46	ND	ND	ND	6,38	ND	2,15	
MACM1.061	PA0547	XRF	0,08	0,18	90,83	ND	ND	0,01	7,55	0,06	1,80	
MACM1.061		MEDIA			91,79				6,36		1,91	
MACM1.063	MACM1.063/01	RX-EDS	ND	ND	90,54	ND	ND	ND	7,10	ND	2,36	
MACM1.063	MACM1.063/02	RX-EDS	ND	ND	88,13	ND	ND	ND	8,36	ND	3,52	
MACM1.063	MACM1.063/03	RX-EDS	ND	ND	86,96	ND	ND	ND	7,89	ND	5,14	
MACM1.063		MEDIA			88,54				7,78		3,67	
MACM1.066	MACM1.066/01	RX-EDS	ND	ND	91,02	ND	ND	ND	6,14	ND	2,84	
MACM1.066	MACM1.066/02	RX-EDS	ND	ND	92,59	ND	ND	ND	4,83	ND	2,58	
MACM1.066	PA0544	XRF	0,07	0,18	90,15	ND	ND	0,01	5,56	0,05	3,57	
MACM1.066		MEDIA			91,25				5,51		3,00	
MACM1.068	MACM1.068/01	RX-EDS	ND	ND	87,57	ND	ND	ND	10,69	ND	1,74	
MACM1.068	MACM1.068/02	RX-EDS	ND	ND	88,51	ND	ND	ND	11,49	ND	ND	
MACM1.068		MEDIA			88,04				11,09		0,87	
MACM1.069a	PA0524A	XRF	0,38	ND	93,74	ND	ND	0,01	4,29	0,02	0,66	
MACM1.070	MACM1.070/01	RX-EDS	ND	ND	88,54	ND	ND	ND	5,55	ND	5,90	
MACM1.070	MACM1.070/02	RX-EDS	ND	ND	89,03	ND	ND	ND	5,84	ND	5,13	
MACM1.070		MEDIA			88,79				5,70		5,52	
MACM1.084a	MACM1.084a/01	RX-EDS	ND	ND	87,81	ND	ND	ND	8,84	ND	3,35	
MACM1.084a	MACM1.084a/02	RX-EDS	ND	ND	88,58	ND	ND	ND	9,34	ND	2,08	
MACM1.084a	MACM1.084a/03	RX-EDS	ND	ND	78,68	ND	ND	ND	11,39	ND	9,92	
MACM1.084a	MACM1.084a/04	RX-EDS	ND	ND	84,32	ND	ND	ND	10,94	ND	4,74	
MACM1.084a	MACM1.084a/05	RX-EDS	ND	ND	86,15	ND	ND	ND	11,15	ND	2,70	
MACM1.084a	PA0526A	XRF	0,30	0,25	88,12	ND	ND	0,07	10,39	0,10	0,48	
MACM1.084a		MEDIA			85,61				10,34		3,88	
MACM1.090	PA0555A	XRF	0,89	0,24	80,58	ND	ND	ND	16,17	0,02	1,28	
MACM1.090	PA0764A	XRF	0,42	0,17	85,24	ND	ND	0,00	12,75	0,02	1,09	
MACM1.090		MEDIA			82,91				14,46		1,19	
MACM1.095	MACM1.095/01	RX-EDS	ND	ND	87,29	ND	ND	ND	6,23	ND	6,38	
MACM1.095	MACM1.095/02	RX-EDS	ND	ND	89,18	ND	ND	ND	5,89	ND	4,93	
MACM1.095	MACM1.095/03	RX-EDS	ND	ND	90,18	ND	ND	ND	6,30	ND	3,51	
MACM1.095	PA0726	XRF	0,71	0,40	78,17	ND	ND	0,06	9,37	0,14	11,09	
MACM1.095		MEDIA			86,21				6,95		6,48	
MACM1.106	MACM1.106/01	RX-EDS	ND	ND	52,15	ND	ND	ND	4,44	ND	43,41	General
MACM1.107	MACM1.107/01	RX-EDS	ND	ND	85,91	ND	ND	ND	8,13	ND	5,96	
MACM1.107	MACM1.107/02	RX-EDS	ND	ND	85,11	ND	ND	ND	7,66	ND	7,22	

1. Cometa des Morts I (Escorca)

Núm. pieza	Núm. análisis	Tipo analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Pb	Observaciones
MACM1.107	PA0743	XRF	0,11	0,23	72,26	ND	ND	0,17	11,77	0,95	14,98	
MACM1.107		MEDIA			81,09				9,19		9,39	
MACM1.109a	MACM1.109a/1	RX-EDS	ND	ND	75,90	ND	ND	ND	17,82	ND	6,25	
MACM1.109a	MACM1.109a/2	RX-EDS	ND	ND	78,35	ND	ND	ND	15,64	ND	6,02	
MACM1.109a	MACM1.109a/3	RX-EDS	ND	ND	64,51	ND	ND	ND	18,96	ND	16,53	
MACM1.109a	MACM1.109a/4	RX-EDS	ND	ND	76,78	ND	ND	ND	18,45		4,77	
MACM1.109a		MEDIA			73,89				17,72		8,39	

Elementos asociados a discos de Grupo A de Cometa des Morts I. Varillas

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.059		MEDIA			92,81				4,79			1,43	
MACM1.042b	PA0514C	XRF	0,71	0,12	88,41	ND	ND	0,01	8,23	0,13	ND	1,64	
MACM1.042b	PA0514D	XRF	0,1	0,23	90,19	ND	ND	0,01	6,95	0,09	ND	1,98	
MACM1.042b	PA0514E	XRF	0,57	0,15	85,66	ND	ND	0,03	10,56	0,16	ND	1,3	
MACM1.042b		MEDIA			88,09				8,58			1,64	
MACM1.042b		MEDIA NORM.			89,6				8,73			1,67	
MACM1.043	PA0542B	XRF	0,34	0,12	94,35	ND	ND	ND	3,85	0,02	ND	1,09	
MACM1.043	PA0542C	XRF	0,33	ND	94,94	ND	ND	0,01	3,21	0,02	ND	1,01	
MACM1.043	PA0542D	XRF	0,7	0,1	91,71	ND	ND	0,01	5,83	0,04	ND	1,3	
MACM1.043		MEDIA			93,67				4,3			1,13	
MACM1.043		MEDIA NORM.			94,52				4,34			1,14	
MACM1.049	PA0527B	XRF	0,47	0,16	85,87	0,14	ND	0,03	11,88	0,08	ND	0,91	
MACM1.049	PA0527C	XRF	0,18	0,37	86,87	ND	ND	0,02	0,26	0,01	ND	97,05	
MACM1.049	PA0527D	XRF	0,27	0,3	87,87	0,18	ND	0,04	14,05	0,09	ND	6,13	
MACM1.049		MEDIA			86,87				8,73			34,7	
MACM1.049		MEDIA NORM.			66,67				6,7			26,63	
MACM1.050	PA0746B	XRF	0,96	0,35	96,11	ND	0,32	0,01	1,76	0,02	ND	0,46	
MACM1.050	PA0746C	XRF	2,09	ND	97,08	ND	nd	0,01	0,48	0,02	ND	nd	
MACM1.050		MEDIA			96,6				1,12			0,23	
MACM1.050		MEDIA NORM.			98,62				1,14			0,23	
MACM1.057a	PA0551B	XRF	0,39	0,07	90,34	ND	ND	0,01	8,64	0,06	ND	0,33	
MACM1.057a	PA0551C	XRF	0,64	0,31	88,9	ND	ND	0,01	8,75	0,06	ND	0,66	
MACM1.057a		MEDIA			89,62				8,7			0,5	
MACM1.057a		MEDIA NORM.			90,69				8,8			0,51	
MACM1.059	PA0513C	XRF	0,44	0,21	94,13	ND	ND	0,01	3,59	0,03	ND	1,49	
MACM1.059	PA0513D	XRF	0,67	0,13	92,96	ND	ND	0,02	5,39	0,04	ND	0,93	
MACM1.059	PA0513E	XRF	0,36	0,05	91,33	ND	ND	0,02	5,38	0,05	ND	1,88	
MACM1.059		MEDIA NORM.			93,72				4,84			1,44	
MACM1.069b	PA0524B	XRF	0,15	0,12	93,03	0,59	ND	0,18	4,31	0,04	ND	1,13	
MACM1.069b	PA0524C	XRF	0,34	0,12	93,34	ND	ND	0,16	4,76	0,04	ND	0,88	

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.059		MEDIA			92,81				4,79			1,43	
MACM1.069b	PA0524D	XRF	0,3	0,1	86,69	ND	ND	0,17	6,65	0,06	ND	5,94	
MACM1.069b		MEDIA			91,02				5,24			2,65	
MACM1.069b		MEDIA NORM.			92,02				5,3			2,68	
MACM1.072	PA0525A	XRF	0,32	0,16	87,45	0,24	ND	0,01	11,1	0,04	ND	0,45	
MACM1.072	PA0525B	XRF	0,4	0,12	88	ND	ND	0,01	9,84	0,04	ND	1,33	
MACM1.072	PA0525C	XRF	0,55	0,32	87,03	ND	ND	0,01	10,59	0,05	ND	0,81	
MACM1.072		MEDIA			87,49				10,51			0,86	
MACM1.072		MEDIA NORM.			88,5				10,63			0,87	
MACM1.084b	MACM1.084b/01	RX-EDS	ND	ND	86,21	ND	ND	ND	7,57	ND	ND	6,22	Viruta
MACM1.084b	MACM1.084b/02	RX-EDS	ND	ND	91,77	ND	ND	ND	7,38	ND	ND	0,85	Viruta
MACM1.084b	MACM1.084b/03	RX-EDS	ND	ND	86,45	ND	ND	ND	6,09	ND	ND	7,46	Viruta
MACM1.084b	MACM1.084b/04	RX-EDS	ND	ND	88,48	ND	ND	ND	6,37	ND	ND	5,14	Viruta
MACM1.084b	MACM1.084b/05	RX-EDS	ND	ND	88,58	ND	ND	ND	7,25	ND	ND	4,77	Viruta
MACM1.084b	MACM1.084b/06	RX-EDS	ND	ND	89,11	ND	ND	ND	6,46	ND	ND	4,43	Viruta
MACM1.084b	PA0526B	XRF	0,4	0,11	88,96	ND	ND	0,01	8,8	0,1	ND	1,04	
MACM1.084b	PA0526C	XRF	0,64	0,1	89,32	ND	ND	0,01	6,81	0,09	ND	2,33	
MACM1.084b	PA0526D	XRF	0,3	0,25	92,25	0,34	ND	0,01	4,65	0,05	ND	1,84	
MACM1.084b		MEDIA			89,01				6,82			3,79	
MACM1.084b		MEDIA NORM.			89,35				6,85			3,8	
MACM1.088	PA0553A	XRF	0,59	0,14	87,19	ND	ND	0,01	9,73	0,07	ND	2,19	
MACM1.088	PA0553B	XRF	0,1	0,2	88,44	ND	ND	0,01	7,34	0,05	ND	3,51	
MACM1.088	PA0553C	XRF	0,5	0,1	82,94	ND	ND	0,01	13,02	0,08	ND	3,23	
MACM1.088		MEDIA			86,19				10,03			2,98	
MACM1.088		MEDIA NORM.			86,89				10,11			3	
MACM1.089	PA0552A	XRF	0,02	0,25	82,87	ND	ND	0,02	11,3	0,1	ND	5,33	
MACM1.089	PA0552B	XRF	0,05	0,1	76,22	ND	ND	0,02	9,41	0,08	ND	13,77	
MACM1.089	PA0554	XRF	0,56	0,24	96,23	ND	ND	0,01	1,83	0,08	ND	0,9	
MACM1.089		MEDIA			85,11				7,51			6,67	
MACM1.089		MEDIA NORM.			85,72				7,56			6,72	
MACM1.093	PA0557A	XRF	0,68	0,28	87,57	ND	ND	0,02	9,98	0,05	ND	1,13	
MACM1.093	PA0557B	XRF	0,57	0,34	86,88	ND	ND	0,01	10,02	0,05	ND	2,06	
MACM1.093		MEDIA			87,23				10			1,6	
MACM1.093		MEDIA NORM.			88,26				10,12			1,62	
MACM1.094	PA0558A	XRF	0,07	0,16	87,5	ND	ND	0,01	7,81	0,07	ND	4,22	
MACM1.094	PA0558B	XRF	0,36	0,16	77,29	ND	ND	0,03	14,58	0,13	ND	6,63	
MACM1.094	PA0558C	XRF	0,07	ND	89,16	ND	ND	0,01	6,97	0,06	ND	3,07	
MACM1.094		MEDIA			84,65				9,79			4,64	
MACM1.094		MEDIA NORM.			85,44				9,88			4,68	
MACM1.101	MACM1.101/01	RX-EDS	ND	ND	89,52	ND	ND	ND	8,84	ND	ND	1,64	
MACM1.101	MACM1.101/02	RX-EDS	ND	ND	90,39	ND	ND	ND	7,66	ND	ND	1,95	
MACM1.101	PA0765A	XRF	0,51	ND	85,35	ND	ND	0,02	11,21	0,07	ND	1,94	
MACM1.101	PA0765B	XRF	0,13	0,23	88,1	ND	ND	0,02	10,2	0,06	ND	1,17	
MACM1.101	PA0765C	XRF	0,36	0,11	82,36	ND	ND	0,01	11,82	0,07	ND	4,36	
MACM1.101		MEDIA			87,14				9,95			2,21	
MACM1.101		MEDIA NORM.			87,75				10,02			2,23	
MACM1.117	MACM1.117/1	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	

1. Cometa des Morts I (Escorca)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.059		MEDIA			92,81				4,79			1,43	
MACM1.117	MACM1.117/2	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.131	MACM1.131/1	RX-EDS	ND	ND	95,53	ND	ND	ND	2,44	ND	ND	2,04	
MACM1.131	MACM1.131/2	RX-EDS	ND	ND	95,54	ND	ND	ND	2,87	ND	ND	1,58	
MACM1.131		MEDIA			95,54				2,66			1,81	
MACM1.091	PA0555B	XRF	0,51	0,29	85,6	ND	ND	0,02	10,75	0,19	ND	2,37	
MACM1.091	PA0555C	XRF	0,52	0,34	98,89	ND	ND	ND	0,03	0,02	ND	ND	
MACM1.091	PA0555D	XRF	0,08	0,22	87,76	ND	ND	0,01	6,89	0,11	ND	4,16	
MACM1.091	PA0764B	XRF	0,37	0,16	81,86	ND	ND	0,02	9,74	0,17	ND	7,59	
MACM1.091	PA0764C	XRF	0,36	ND	97,25	ND	ND	ND	1,59	0,04	ND	0,47	
MACM1.091	PA0764D	XRF	0,12	0,31	87,25	ND	ND	0,01	9,11	0,17	ND	2,05	
MACM1.091		MEDIA			89,77				6,35			2,77	
MACM1.091		MEDIA NORM.			90,78				6,42			2,8	
MACM1.092	PA0556A	XRF	0,06	0,64	73,51	ND	ND	0,02	5,04	0,03	ND	20,62	
MACM1.092	PA0556B	XRF	0,07	0,17	75,71	ND	ND	0,01	4,91	0,03	ND	18,15	
MACM1.092	PA0556C	XRF	0,31	ND	88,89	ND	ND	0,01	2,58	0,03	ND	6,25	
MACM1.092		MEDIA			79,37				4,18			15,01	
MACM1.092		MEDIA NORM.			80,53				4,24			15,23	
MACM1.103	MACM1.103/01	RX-EDS	ND	ND	83,12	ND	ND	ND	11,27	ND	ND	5,61	
MACM1.103	MACM1.103/04	RX-EDS	ND	ND	80,35	ND	ND	ND	15,18	ND	ND	4,47	
MACM1.103	MACM1.103/05	RX-EDS	ND	ND	82,79	ND	ND	ND	14,25	ND	ND	2,96	
MACM1.103	MACM1.103/06	RX-EDS	ND	ND	88,76	ND	ND	ND	9,29	ND	ND	1,95	
MACM1.103		MEDIA			83,76				12,5			3,75	
MACM1.105	MACM1.105/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.105	MACM1.105/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.131	MACM1.131/1	RX-EDS	ND	ND	95,53	ND	ND	ND	2,44	ND	ND	2,04	
MACM1.131	MACM1.131/2	RX-EDS	ND	ND	95,54	ND	ND	ND	2,87	ND	ND	1,58	
MACM1.131		MEDIA			95,54				2,66			1,81	
MACM1.133	MACM1.133/1	RX-EDS	ND	ND	96,98	ND	ND	ND	1,97	ND	ND	1,05	
MACM1.133	MACM1.133/2	RX-EDS	ND	ND	97,02	ND	ND	ND	1,96	ND	ND	1,02	
MACM1.133		MEDIA			97				1,97			1,04	
MACM1.149	MACM1.149/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.149	MACM1.149/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	

Elementos asociados a discos de Grupo A de Cometa des Morts I.
Elementos de unión

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.042c	PA0514B	XRF	0,83	0,55	83,04	ND	ND	0,028	13,92	0,1	ND	1,38	
MACM1.044b	MACM1.044b/01	RX-EDS	ND	ND	87,21	ND	ND	ND	9,22	ND	ND	3,57	
MACM1.044b	PA0542E	XRF	0,13	0,54	84,99	ND	ND	0,015	10,09	0,063	ND	3,18	
MACM1.044c	MACM1.044c/01	RX-EDS	ND	ND	85,13	ND	ND	ND	11,7	ND	ND	3,17	
MACM1.044d	MACM1.044d/01	RX-EDS	ND	ND	84,98	ND	ND	ND	10,66	ND	ND	4,36	

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.044e	MACM1.044e/01	RX-EDS	ND	ND	85,56	ND	ND	ND	11,81	ND	ND	2,63	
MACM1.044f	MACM1.044f/01	RX-EDS	ND	ND	75,02	ND	ND	ND	7,17	ND	ND	17,82	
MACM1.044g	MACM1.044g/01	RX-EDS	ND	ND	88,92	ND	ND	ND	9	ND	ND	2,08	
MACM1.044h	MACM1.044h/01	RX-EDS	ND	ND	89,25	ND	ND	ND	7,87	ND	ND	2,88	
MACM1.044i	MACM1.044i/01	RX-EDS	ND	ND	86,39	ND	ND	ND	9,36	ND	ND	4,26	
MACM1.047a	MACM1.047a/01	RX-EDS	ND	ND	87,94	ND	ND	ND	12,06	ND	ND	ND	
MACM1.047b	MACM1.047b/01	RX-EDS	ND	ND	83,94	ND	ND	ND	11,23	ND	ND	4,83	
MACM1.047b	PA0527E	XRF	0,3	0,35	78,21	0,1	ND	0,029	17,43	0,086	ND	3,24	
MACM1.047c	MACM1.047c/01	RX-EDS	ND	ND	85,69	ND	ND	ND	14,31	ND	ND	ND	
MACM1.048b	MACM1.048b/01	RX-EDS	ND	ND	92,93	ND	ND	ND	7,07	ND	ND	ND	
MACM1.048c	MACM1.048c/01	RX-EDS	ND	ND	ND	ND	ND	ND	68,82	ND	ND	ND	
MACM1.048c	MACM1.048c/02	RX-EDS	ND	ND	88,95	ND	ND	ND	7,38	ND	ND	ND	
MACM1.048d	MACM1.048d/01	RX-EDS	ND	ND	93,87	ND	ND	ND	6,13	ND	ND	ND	
MACM1.051b	MACM1.051b/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.051c	MACM1.051c/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.056b	MACM1.056b	RX-EDS	ND	ND	78,74	ND	ND	ND	21,26	ND	ND	ND	
MACM1.057b	PA0551D	XRF	0,21	0,19	95,45	ND	ND	ND	3,02	ND	ND	0,38	
MACM1.058b	MACM1.058b/01	RX-EDS	ND	ND	90,13	ND	ND	ND	8,18	ND	ND	1,68	
MACM1.060b	PA0513B	XRF	0,61	0,49	93,07	ND	ND	0,038	0,18	0,13	ND	4,76	
MACM1.069c	PA0524E	XRF	0,12	0,13	98,98	ND	ND	0,005	ND	ND	ND	0,12	
MACM1.084c	PA0526E	XRF	0,49	0,37	89,27	0,29	ND	0,012	7	0,049	ND	2,43	
MACM1.084d	MACM1.084d/01	RX-EDS	ND	ND	79,86	ND	ND	ND	8,39	ND	ND	11,75	
MACM1.084d	MACM1.084d/02	RX-EDS	ND	ND	77,71	ND	ND	ND	14,36	ND	ND	7,94	
MACM1.084d	MACM1.084d/03	RX-EDS	ND	ND	59,5	ND	ND	ND	13,57	ND	ND	26,93	
MACM1.084e	MACM1.084e/01	RX-EDS	ND	ND	76,99	ND	ND	ND	13,17	ND	ND	9,83	
MACM1.084e	MACM1.084e/02	RX-EDS	ND	ND	77,04	ND	ND	ND	4,17	ND	ND	18,79	
MACM1.084e	MACM1.084e/03	RX-EDS	ND	ND	75,99	ND	ND	ND	20,35	ND	ND	3,66	
MACM1.109b	MACM1.109b/1	RX-EDS	ND	ND	85,29	ND	ND	ND	8,38	ND	ND	6,33	
MACM1.109b	MACM1.109b/2	RX-EDS	ND	ND	76,91	ND	ND	ND	11,04	ND	ND	12,05	
MACM1.109c	MACM1.109c/1	RX-EDS	ND	ND	86,41	ND	ND	ND	9,34	ND	ND	4,25	
MACM1.109c	MACM1.109c/2	RX-EDS	ND	ND	88,23	ND	ND	ND	8,69	ND	ND	3,08	
MACM1.109d	MACM1.109d/1	RX-EDS	ND	ND	89,59	ND	ND	ND	7,74	ND	ND	2,67	
MACM1.109d	MACM1.109d/2	RX-EDS	ND	ND	87,69	ND	ND	ND	8,37	ND	ND	3,94	
MACM1.134	MACM1.134/1	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.134	MACM1.134/2	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.135	MACM1.135/1	RX-EDS	ND	ND	87,31	ND	ND	ND	9,36	ND	ND	3,33	
MACM1.135	MACM1.135/2	RX-EDS	ND	ND	81,32	ND	ND	ND	6,41	ND	ND	12,21	
MACM1.139	MACM1.139/1	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.139	MACM1.139/2	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.140	MACM1.140/1	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.140	MACM1.140/2	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	

1. Cometa des Morts I (Escorca)

Discos de Grupo B de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.037	PA23731	XRF	0,07	0,09	99,5	ND	0,19	ND	0,1	ND	ND	0,03	Pieza remache
MACM1.037	PA23730	XRF	ND	ND	96,9	ND	0,07	ND	2,96	ND	ND	0,09	Fragmento
MACM1.037	MACM1.037/01	RX-EDS	ND	ND	91,87	ND	ND	ND	8,13	ND	ND	ND	Fragmento
MACM1.037	MACM1.037/02	RX-EDS	ND	ND	91,91	ND	ND	ND	8,09	ND	ND	ND	Fragmento
MACM1.037		MEDIA			93,56				6,39				
MACM1.038	PA23732	XRF	0,43	ND	90,1	ND	0,11	ND	9,2	ND	ND	0,19	Fragmento
MACM1.038	MACM1.038/01	RX-EDS	ND	ND	90,08	ND	ND	ND	9,92	ND	ND	ND	Fragmento
MACM1.038		MEDIA			90,09				9,56				

Elementos asociados a discos de Grupo B de Cometa des Morts I. Badajos

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.034	MACM1.034/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	

Espirales de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.014	MACM1.014/01	RX-EDS	ND	ND	83	ND	ND	ND	11,46	ND	ND	5,55	
MACM1.014	MACM1.014/02	RX-EDS	ND	ND	72,35	ND	ND	ND	14,36	ND	ND	13,3	
MACM1.014		MEDIA			77,68				12,91			9,43	
MACM1.020	MACM1.020/01	RX-EDS	ND	ND	83,81	ND	ND	ND	11,54	ND	ND	4,65	
MACM1.026	MACM1.026/01	RX-EDS	ND	ND	84,6	ND	ND	ND	11,89	ND	ND	3,51	
MACM1.027	MACM1.027/01	RX-EDS	ND	ND	78,23	ND	ND	ND	17,22	ND	ND	4,55	
MACM1.027	MACM1.027/02	RX-EDS	ND	ND	81,41	ND	ND	ND	13,58	ND	ND	5,01	
MACM1.027		MEDIA			79,82				15,4			4,78	
MACM1.028	MACM1.028/01	RX-EDS	ND	ND	82,89	ND	ND	ND	12,9	ND	ND	4,2	
MACM1.029	MACM1.029/01	RX-EDS	ND	ND	88,51	ND	ND	ND	8,34	ND	ND	3,14	

Figuras zoomorfas de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.075	MACM1.075/01	RX-EDS	ND	ND	82,63	ND	ND	ND	13,93	ND	ND	3,44	Cola
MACM1.075	PA0749A	XRF	0,27	0,14	93,01	ND	ND	0,007	5,5	0,057	ND	0,17	Vástago

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.075	PA0749B	XRF	0,27	tr	93,3	ND	ND	0,006	6,21	0,055	ND	0,1	Cola
MACM1.075	PA0749C	XRF	0,4	0,18	90,5	ND	ND	0,006	8,74	0,086	ND	0,07	Cabeza
MACM1.075		MEDIA	0,24	0,08	89,86			0,005	8,6	0,050		0,94	
MACM1.075		MEDIA NORM.			90,4				8,65			0,95	
MACM1.076	MACM1.076/01	RX-EDS	ND	ND	60,66	ND	ND	ND	31,13	ND	ND	8,21	Espigón
MACM1.076	PA0758A	XRF	0,34	0,27	75,36	ND	ND	0,059	18,09	0,170	ND	5,06	Vástago
MACM1.076	PA0758B	XRF	0,49	0,13	81,38	ND	ND	0,044	15,14	0,140	ND	2,3	Cuerpo
MACM1.076		MEDIA	0,28	0,13	72,47			0,034	21,45	0,103		5,19	
MACM1.076		MEDIA NORM.			73,12				21,64			5,24	
MACM1.077	MACM1.077/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	nd	Soporte
MACM1.077	PA23727	XRF	0,08	ND	99,5	ND	0,1	ND	0,19	ND	ND	0,11	Soporte
MACM1.078	MACM1.078/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	nd	Soporte
MACM1.078	PA23728	XRF	ND	ND	99,7	ND	0,09	ND	0,15	ND	ND	0,09	Soporte
MACM1.079	MACM1.079/01	RX-EDS	3,82	ND	65,76	ND	ND	ND	16,19	ND	ND	14,23	Ala
MACM1.079	PA0750A	XRF	3,35	0,07	75,91	ND	ND	0,006	16,29	0,110	ND	3,07	Vástago
MACM1.079	PA0750B	XRF	0,74	0,13	84,88	ND	ND	0,007	10,92	0,072	ND	2,36	Cola
MACM1.079	PA0750C	XRF	0,05	0,13	85,57	ND	0,07	0,009	10,42	0,073	ND	2,72	Cabeza
MACM1.079		MEDIA	1,99	0,08	78,03				13,46	0,064		5,6	
MACM1.079		MEDIA NORM.			80,37				13,86			5,77	
MACM1.082	MACM1.082/01	RX-EDS	ND	ND	83,95	ND	ND	ND	7,53	ND	ND	8,52	Ala (fractura)
MACM1.083	PA23125	XRF	ND	ND	65,8	ND	ND	0,23	4,68	0,24	ND	29,05	Mineralizado

Hacha *bipenne* de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.033	MACM1.033/01	RX-EDS	ND	ND	94,39	ND	ND	ND	5,61	ND	ND	ND	
MACM1.033	MACM1.033/02	RX-EDS	ND	ND	97,32	ND	ND	ND	2,68	ND	ND	ND	
MACM1.033	PA0739	XRF	0,3	0,02	94,92	ND	ND	0,01	3,67	0,08	ND	0,2	
MACM1.033	PA23726	XRF	0,17	ND	95,8	ND	0,13	ND	3,75	ND	ND	0,11	
MACM1.033		MEDIA			95,61				3,93				

Punzones y leznas de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.126	MACM1.126/01	RX-EDS	ND	ND	87,43	ND	ND	ND	7,88	ND	ND	4,68	
MACM1.126	MACM1.126/02	RX-EDS	ND	ND	88,5	ND	ND	ND	7,32	ND	ND	4,18	
MACM1.126		MEDIA			87,97				7,6			4,43	
MACM1.128	MACM1.128/1	RX-EDS	ND	ND	87,53	ND	ND	ND	8,61	ND	ND	3,87	
MACM1.128	MACM1.128/2	RX-EDS	ND	ND	88,78	ND	ND	ND	2,56	ND	ND	8,66	
MACM1.128		MEDIA			88,16				5,59			6,27	
MACM1.130	MACM1.130/1	RX-EDS	ND	ND	91,2	ND	ND	ND	7,55	ND	ND	1,25	

1. Cometa des Morts I (Escorca)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.130	MACM1.130/2	RX-EDS	ND	ND	88,43	ND	ND	ND	8,63	ND	ND	2,94	
MACM1.130	MEDIA				89,82				8,09			2,1	

Pátera de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.036	PA23733	XRF	0,08	0,19	89,7	ND	0,16	ND	9,16	ND	ND	0,54	
MACM1.036	PA23733P	XRF	1,37	0,13	92,3	ND	ND	ND	5,74	ND	ND	0,34	Pátina

Regatones de Cometa des Morts I

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACM1.004	MACM1.004/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MACM1.005	MACM1.005/01	RX-EDS	ND	ND	89,26	ND	ND	ND	3,11	ND	ND	7,63	
MACM1.119	MACM1.119/1	RX-EDS	ND	ND	94,84	ND	ND	ND	5,16	ND	ND	ND	
MACM1.119	MACM1.119/2	RX-EDS	ND	ND	94,97	ND	ND	ND	5,03	ND	ND	ND	
MACM1.119	MEDIA				94,91				5,1				
MACM1.120	MACM1.120/1	RX-EDS	ND	ND	88,45	ND	ND	ND	5,63	ND	ND	5,92	Mineralizado
MACM1.120	MACM1.120/2	RX-EDS	ND	ND	78,38	ND	ND	ND	5,2	ND	ND	16,42	Mineralizado
MACM1.120	MEDIA				83,42				5,42			11,17	

2. Son Bauça (Palma)

Aros de Son Bauça

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.007	MASB.007/01	RX-EDS	ND	ND	92,7	ND	ND	ND	5,37	ND	ND	0,62	
MASB.007	MASB.007/02	RX-EDS	ND	ND	89,47	ND	ND	ND	5,29	ND	ND	5,24	
MASB.007		MEDIA	ND	ND	91,09	ND	ND	ND	5,33	ND	ND	2,93	
MASB.052	PA0741	XRF	0,51	ND	98,6	ND	0,61	0,003	ND	0,095	ND	ND	

Campanillas de Son Bauça

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.026a	MASB.026a/01	RX-EDS	ND	ND	78,48	ND	ND	ND	6,01	ND	ND	15,51	
MASB.026a	MASB.026a/02	RX-EDS	ND	ND	86,49	ND	ND	ND	5,34	ND	ND	8,17	
MASB.026a		MEDIA			82,49				5,68			11,84	
MASB.026a	MASB.026a/03	RX-EDS	ND	ND	41,79	ND	ND	ND	0	ND	ND	29,79	Pátina
MASB.027a	MASB.027a/01	RX-EDS	ND	ND	84,62	ND	ND	ND	12,88	ND	ND	2,5	
MASB.027a	MASB.027a/02	RX-EDS	ND	ND	82,65	ND	ND	ND	15,16	ND	ND	2,19	
MASB.027a		MEDIA			83,64				14,02			2,35	
MASB.027a	MASB.027a/03	RX-EDS	ND	ND	77,71	ND	ND	ND	4,11	ND	ND	18,18	Pátina
MASB.028a	MASB.028a/01	RX-EDS	ND	ND	91,33	ND	ND	ND	4,7	ND	ND	3,97	
MASB.028a	MASB.028a/02	RX-EDS	ND	ND	94,83	ND	ND	ND	1,44	ND	ND	3,72	
MASB.028a		MEDIA			93,08				3,07			3,85	
MASB.028a	MASB.028a/03	RX-EDS	ND	ND	86,89	ND	ND	ND	5,85	ND	ND	7,26	Pátina
MASB.029a	MASB.029a/01	RX-EDS	ND	ND	73,64	ND	ND	ND	20,27	ND	ND	6,1	Mineralizado
MASB.029a	MASB.029a/02	RX-EDS	ND	ND	56,93	ND	ND	ND	35,37	ND	ND	7,69	Mineralizado
MASB.029a	MASB.029a/03	RX-EDS	ND	ND	63,06	ND	ND	ND	34,02	ND	ND	2,92	Pátina
MASB.029a		MEDIA			64,54				29,89			5,57	

Discos-fíbula de Son Bauça

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.050	MACM1.008/01	RX-EDS	7,55	nd	67,85	nd	nd	nd	19,57	nd	nd	5,03	
MASB.050	MACM1.008/02	RX-EDS	nd	nd	71,82	nd	nd	nd	23,26	nd	nd	4,92	
MASB.050	PA0738	XRF	0,09	0,15	88,1	nd	nd	0,01	9,64	0,06	nd	1,17	Rovira et al. 1991

2. Son Bauça (Palma)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.058	MASB.058/01	RX-EDS	8,8	nd	72,81	nd	nd	nd	12,69	nd	nd	5,7	
MASB.058	MASB.058/02	RX-EDS	nd	nd	56,75	nd	nd	nd	15,5	nd	nd	27,76	
MASB.058		MEDIA			64,78				14,1			16,73	
MASB.058	PA0735	XRF	0,14	0,17	89,88	nd	nd	0,01	8,15	0,06	nd	1,39	Rovira et al. 1991

Discos de Grupo A de Son Bauça

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.002	MASB.002/01	RX-EDS	ND	ND	90,01	ND	ND	ND	6,26	ND	ND	3,74	
MASB.002	MASB.002/02	RX-EDS	ND	ND	87,53	ND	ND	ND	8,67	ND	ND	3,79	
MASB.002		MEDIA			88,77				7,47			3,77	
MASB.009	MASB.009/01	RX-EDS	ND	ND	95,50	ND	ND	ND	2,10	ND	ND	2,40	
MASB.009	MASB.009/02	RX-EDS	ND	ND	96,48	ND	ND	ND	1,63	ND	ND	1,89	
MASB.009	MASB.009/03	RX-EDS	ND	ND	96,06	ND	ND	ND	1,17	ND	ND	2,77	
MASB.009	MASB.009/04	RX-EDS	ND	ND	93,94	ND	ND	ND	1,26	ND	ND	4,81	
MASB.009		MEDIA			95,50				1,54			2,97	
MASB.010	MASB.010/01	RX-EDS	ND	ND	91,29	ND	ND	ND	4,90	ND	ND	3,81	
MASB.010	MASB.010/02	RX-EDS	ND	ND	90,69	ND	ND	ND	5,83	ND	ND	3,48	
MASB.010	MASB.010/03	RX-EDS	ND	ND	91,32	ND	ND	ND	5,58	ND	ND	3,10	
MASB.010		MEDIA			91,10				5,44			3,46	
MASB.011	MASB.011/01	RX-EDS	ND	ND	93,72	ND	ND	ND	3,63	ND	ND	2,64	
MASB.011	MASB.011/02	RX-EDS	ND	ND	96,12	ND	ND	ND	2,66	ND	ND	1,23	
MASB.011		MEDIA			94,92				3,15			1,94	
MASB.012	MASB.012/01	RX-EDS	ND	ND	87,17	ND	ND	ND	8,71	ND	ND	4,12	
MASB.012	MASB.012/02	RX-EDS	ND	ND	82,09	ND	ND	ND	10,41	ND	ND	7,50	
MASB.012		MEDIA			84,63				9,56			5,81	
MASB.013	MASB.013/01	RX-EDS	ND	ND	92,52	ND	ND	ND	6,49	ND	ND	0,99	
MASB.013	MASB.013/02	RX-EDS	ND	ND	92,28	ND	ND	ND	6,06	ND	ND	1,67	
MASB.013		MEDIA			92,40				6,28			1,33	
MASB.016	PA0534	XRF	1,34	0,18	96,50	0,35	0,210	0,003	0,08	0,037	ND	0,77	
MASB.017	PA0533	XRF	0,12	ND	17,40	ND	ND	0,002	5,53	0,045	ND	76,03	
MASB.018	PA0532	XRF	0,09	0,08	93,70	ND	ND	0,006	2,83	0,094	ND	2,18	
MASB.019	PA0531	XRF	0,43	0,17	97,05	0,35	0,190	0,053	0,11	0,440	ND	0,55	
MASB.020	PA0530	XRF	0,63	0,16	82,20	ND	ND	0,005	7,50	0,047	ND	8,55	
MASB.021	PA0529	XRF	0,08	0,03	93,70	0,52	ND	0,008	4,17	0,028	ND	0,90	

Elementos asociados a discos de Grupo A de Son Bauça. Varillas

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.003	MASB.003/01	RX-EDS	ND	ND	100,0	ND	ND	ND	ND	ND	ND	ND	

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.003	MASB.003/02	RX-EDS	ND	ND	100,0	ND	ND	ND	ND	ND	ND	ND	
MASB.003	MASB.003/03	RX-EDS	ND	ND	100,0	ND	ND	ND	ND	ND	ND	ND	
MASB.014	MASB.014/01	RX-EDS	ND	ND	89,36	ND	ND	ND	9,38	ND	ND	1,26	
MASB.014	MASB.014/02	RX-EDS	ND	ND	86,86	ND	ND	ND	11,59	ND	ND	1,55	
MASB.014		MEDIA			88,11				10,49			1,41	
MASB.044	PA0535A	XRF	2,21	0,26	96,10	ND	ND	0,017	0,00	0,140	ND	0,12	
MASB.044	PA0535B	XRF	3,68	0,18	95,50	0,36	ND	0,011	0,02	0,110	ND	0,11	
MASB.044		MEDIA			95,80				0,01			0,12	
MASB.044		MEDIA NORM.			99,86				0,01			0,13	
MASB.045a	PA0536A	XRF	0,17	ND	84,40	ND	ND	ND	2,22	0,058	ND	13,00	
MASB.045a	PA0536B	XRF	0,11	0,07	90,80	ND	ND	0,012	6,08	0,200	ND	2,43	
MASB.045a	PA0536C	XRF	0,02	0,15	92,00	ND	ND	0,007	3,76	0,110	ND	3,21	
MASB.045a		MEDIA			89,07				4,02			6,21	
MASB.045a		MEDIA NORM.			89,70				4,05			6,25	
MASB.046a	PA0537A	XRF	0,13	ND	93,30	ND	ND	ND	4,64	0,021	ND	1,11	
MASB.046a	PA0537B	XRF	0,10	0,21	96,20	ND	ND	tr	1,87	0,010	ND	0,71	
MASB.046a	PA0537C	XRF	0,16	0,29	96,60	ND	ND	tr	1,58	0,011	ND	0,62	
MASB.046a		MEDIA			95,37				2,70			0,81	
MASB.046a		MEDIA NORM.			96,45				2,73			0,82	
MASB.048	PA0540A	XRF	0,48	0,22	98,80	ND	0,360	ND	0,00	0,020	ND	0,00	
MASB.048	PA0540B	XRF	0,81	0,04	98,30	ND	0,300	ND	0,02	0,024	ND	0,11	
MASB.048		MEDIA			98,55				0,01			0,06	
MASB.048		MEDIA NORM.			99,93				0,01			0,06	
MASB.049	PA0541A	XRF	0,17	ND	93,80	ND	ND	0,015	2,52	0,049	ND	2,93	
MASB.049	PA0541B	XRF	0,05	ND	77,90	ND	ND	0,005	2,47	0,057	ND	18,50	
MASB.049		MEDIA			85,85				2,50			10,72	
MASB.049		MEDIA NORM.			86,66				2,50			10,82	
MASB.051	PA0740	XRF	0,11	0,11	92,50	0,41	ND	ND	6,79	0,011	ND	ND	

Elementos asociados a discos de Grupo A de Son Bauçà. Elementos de unión

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.045b	PA0536D	XRF	0,33	0,44	96,20	ND	ND	0,006	0,18	0,140	ND	0,65	
MASB.046e	PA0537D	XRF	0,25	0,22	97,00	ND	ND	ND	1,31	0,006	ND	0,87	

Discos de Grupo B de Son Bauçà

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.001	PA0528	XRF	1,75	0,32	96,59	0,33	0,836	0,300	0,13	0,518	ND	0,21	

2. Son Bauça (Palma)

Espirales de Son Bauça

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASB.005	MASB.005/01	RX-EDS	ND	ND	87,45	ND	ND	ND	12,55	ND	ND	ND	
MASB.005	MASB.005/02	RX-EDS	ND	ND	87,57	ND	ND	ND	12,43	ND	ND	ND	

3. Es Morro (Manacor)

Aros de Es Morro

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEM.012	MAEM.012/01	RX-EDS			100								
MAEM.012	MAEM.012/02	RX-EDS			100								

Campanillas de Es Morro

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEM.002	MAEM.002/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MAEM.002	MAEM.002/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MAEM.003	MAEM.003/01	RX-EDS	ND	ND	92,67	ND	ND	ND	7,33	ND	ND	ND	Boca
MAEM.003	MAEM.003/02	RX-EDS	ND	ND	95,82	ND	ND	ND	4,18	ND	ND	ND	Boca
MAEM.003		MEDIA			94,25				5,76				
MAEM.003	MAEM.003/03	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	Badajo
MAEM.003	MAEM.003/04	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	Badajo
MAEM.004	MAEM.004/01	RX-EDS	ND	ND	91,57	ND	ND	ND	8,43	ND	ND	ND	
MAEM.004	MAEM.004/02	RX-EDS	ND	ND	90,31	ND	ND	ND	9,69	ND	ND	ND	
MAEM.004		MEDIA			90,94				9,06				
MAEM.005	MAEM.005/01	RX-EDS	ND	ND	42,73	ND	ND	ND	45,4	ND	ND	12,87	Mineralizado
MAEM.005	MAEM.005/02	RX-EDS	ND	ND	54,21	ND	ND	ND	35,43	ND	ND	10,36	Mineralizado
MAEM.005		MEDIA			48,47				40,42			11,62	

Discos de Grupo A de Es Morro

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEM.007	MAEM.007/01	RX-EDS	ND	ND	89,02	ND	ND	ND	9,59	ND	ND	1,39	
MAEM.007	MAEM.007/02	RX-EDS	ND	ND	80,56	ND	ND	ND	14,41	ND	ND	5,03	
MAEM.007	PA21594	XRF	1,05	ND	93,7	ND	ND	ND	3,68	ND	ND	1,58	
MAEM.007	PA21594P	XRF	0,79	ND	97,4	ND	0,09	ND	0,77	ND	ND	0,95	Pátina
MAEM.007		MEDIA			90,17				7,11			2,24	
MAEM.008	MAEM.008/01	RX-EDS	ND	ND	86,51	ND	ND	ND	13,49	ND	ND	ND	Viruta
MAEM.008	MAEM.008/02	RX-EDS	ND	ND	83,96	ND	ND	ND	16,04	ND	ND	ND	Viruta
MAEM.008	MAEM.008/03	RX-EDS	ND	ND	81,47	ND	ND	ND	18,53	ND	ND	ND	Viruta

3. Es Morro (Manacor)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEM.008	PA21591	XRF	ND	0,05	87,86	ND	ND	ND	9,44	ND	ND	2,65	
MAEM.008	PA21591P	XRF	0,17	ND	95,16	ND	ND	ND	0,07	ND	ND	3,97	Pátina
MAEM.009	MAEM.009/01	RX-EDS	ND	ND	92,01	ND	ND	ND	4,67	ND	ND	3,32	
MAEM.009	MAEM.009/02	RX-EDS	ND	ND	96,55	ND	ND	ND	2,18	ND	ND	1,27	
MAEM.009	PA21593	XRF	0,09	ND	94,43	ND	ND	ND	0,79	ND	ND	4,7	
MAEM.009	PA21593B	XRF	ND	ND	93	ND	ND	ND	2,4	ND	ND	4,59	
MAEM.009	PA21593P	XRF	0,07	ND	95,97	ND	ND	ND	0,9	ND	ND	3,06	Pátina
MAEM.009	MEDIA				94,39				2,19			3,39	
MAEM.013	MAEM.013/01	RX-EDS	ND	ND	93,36	ND	ND	ND	6,64	ND	ND	ND	Mineralizado
MAEM.013	MAEM.013/02	RX-EDS	ND	ND	91,68	ND	ND	ND	8,32	ND	ND	ND	Mineralizado
MAEM.013	MEDIA				92,52				7,48				
MAEM.014	MAEM.014/01	RX-EDS	ND	ND	79,95	ND	ND	ND	20,05	ND	ND	ND	Mineralizado
MAEM.014	MAEM.014/02	RX-EDS	ND	ND	77,91	ND	ND	ND	22,09	ND	ND	ND	Mineralizado
MAEM.014	MEDIA				78,93				21,07				
MAEM.017	MAEM.017a/01	RX-EDS	ND	ND	90,03	ND	ND	ND	6,78	ND	ND	3,2	
MAEM.017	MAEM.017a/02	RX-EDS	ND	ND	92,33	ND	ND	ND	5,33	ND	ND	2,35	
MAEM.017	MEDIA				91,18				6,06			2,78	

Elementos asociados a discos de Grupo A de Es Morro. Varillas

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEM.010	PA21595	XRF			97,4				2,02			0,58	Mineralizado
MAEM.010	PA21595B	XRF	0,12		98,57				0,41			0,9	Mineralizado
MAEM.010	PA21596	XRF	0,25	0,05	85,2				10,86			3,63	Mineralizado
MAEM.010	PA21596P	XRF	0,15		97,76				1,51			0,57	Pátina
MAEM.010	MEDIA				94,73				3,7			1,42	
MAEM.011	MAEM.011/01	RX-EDS			100								Viruta
MAEM.011	MAEM.011/02	RX-EDS			100								Viruta
MAEM.011	MAEM.011/03	RX-EDS			100								Viruta
MAEM.011	MAEM.011/04	RX-EDS			100								Viruta
MAEM.011	MAEM.011/05	RX-EDS			100								Viruta
MAEM.011	MAEM.011/06	RX-EDS			100								Viruta
MAEM.011	MAEM.011/07	RX-EDS			100								Viruta
MAEM.011	MAEM.011/08	RX-EDS			100								Viruta
MAEM.011	MAEM.011/09	RX-EDS			100								Viruta
MAEM.016	MAEM.016/01	RX-EDS			82,97				14,51			2,53	
MAEM.016	MAEM.016/02	RX-EDS			73,87				21,55			4,58	
MAEM.016	MEDIA				78,42				18,03			3,56	

Rueda radiada de Es Morro

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEM.019	PA23729	XRF	ND	ND	89,5	ND	ND	ND	9,86	ND	ND	0,66	

4. Sa Cova (Artà)

Anillos de Sa Cova

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASCO.001	MASCO.001/01	RX-EDS	ND	ND	94,4	ND	ND	ND	ND	ND	ND	5,6	
MASCO.001	MASCO.001/02	RX-EDS	ND	ND	96,45	ND	ND	ND	ND	ND	ND	3,55	
MASCO.001	MEDIA				95,43							4,58	
MASCO.002	MASCO.002/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.002	MASCO.002/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	

Aros de Sa Cova

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASCO.008	MASCO.008/01	RX-EDS	ND	ND	83,54	ND	ND	ND	10,62	ND	ND	5,84	
MASCO.008	MASCO.008/02	RX-EDS	ND	ND	90,42	ND	ND	ND	6,56	ND	ND	3,01	
MASCO.008	MEDIA				86,98				8,59			4,43	
MASCO.009	MASCO.009/01	RX-EDS	1,15	ND	98,85	ND	ND	ND	ND	ND	ND	ND	
MASCO.009	MASCO.009/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.010	MASCO.010/01	RX-EDS	ND	ND	95,14	ND	ND	ND	2,46	ND	ND	2,4	
MASCO.010	MASCO.010/02	RX-EDS	ND	ND	94,85	ND	ND	ND	2,5	ND	ND	2,64	
MASCO.010	MEDIA				95				2,48			2,52	
MASCO.012	MASCO.012/01	RX-EDS	ND	ND	88,77	ND	ND	ND	7,77	ND	ND	3,46	
MASCO.012	MASCO.012/02	RX-EDS	ND	ND	87,04	ND	ND	ND	8,79	ND	ND	4,17	
MASCO.012	MEDIA				87,91				8,28			3,82	
MASCO.013	MASCO.013/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.013	MASCO.013/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.014	MASCO.014/01	RX-EDS	1,1	ND	98,9	ND	ND	ND	ND	ND	ND	ND	
MASCO.014	MASCO.014/02	RX-EDS	1,24	ND	98,76	ND	ND	ND	ND	ND	ND	ND	
MASCO.014	MEDIA		1,17		98,83								
MASCO.015	MASCO.015/01	RX-EDS	1,46	ND	98,54	ND	ND	ND	ND	ND	ND	ND	
MASCO.015	MASCO.015/02	RX-EDS	0,68	ND	99,32	ND	ND	ND	ND	ND	ND	ND	
MASCO.015	MEDIA		1,07		98,93								
MASCO.016	MASCO.016/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.016	MASCO.016/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.016	MEDIA												
MASCO.022	MASCO.022/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	

4. Sa Cova (Artà)

Discos de Grupo A de Sa Cova

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASCO.004	MASCO.004/01	RX-EDS	ND	ND	78,73	ND	ND	ND	12,68	ND	ND	8,58	
MASCO.004	MASCO.004/02	RX-EDS	ND	ND	84,91	ND	ND	ND	9,52	ND	ND	5,57	
MASCO.004	MASCO.004/03	RX-EDS	ND	ND	86,05	ND	ND	ND	7,76	ND	ND	6,19	
MASCO.004	PA21597	XRF	0,26	ND	65,59	ND	ND	ND	8,82	ND	ND	25,33	Zona mineralizada
MASCO.004	PA21597P	XRF	ND	ND	81,2	ND	ND	ND	5,98	ND	ND	12,82	Pátina
MASCO.004		MEDIA	ND	ND	79,3	ND	ND	ND	8,95	ND	ND	11,7	
MASCO.018	MASCO.018/01	RX-EDS	ND	ND	74,15	ND	ND	ND	20,55	ND	ND	5,3	No alma
MASCO.018	MASCO.018/02	RX-EDS	ND	ND	80,5	ND	ND	ND	16,09	ND	ND	3,41	No alma
MASCO.018		MEDIA	ND	ND	77,33	ND	ND	ND	18,32	ND	ND	4,36	

Elementos asociados a discos de Grupo A de Sa Cova. Varillas

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASCO.006	MASCO.006/01	RX-EDS			100								
MASCO.006	MASCO.006/02	RX-EDS			100								
MASCO.007	MASCO.007/01	RX-EDS			100								
MASCO.007	MASCO.007/02	RX-EDS			100								

Discos de Grupo B de Sa Cova

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASCO.005a	MAS- CO.005a/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.005a	MAS- CO.005a/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.005a	PA21592	XRF	0,23	ND	99,31	ND	0,24	ND	ND	ND	ND	0,22	
MASCO.005a	PA21592P	XRF	0,21	ND	99,67	ND	0,08	ND	ND	ND	ND	0,04	Pátina

Elementos asociados a discos de Grupo B de Sa Cova. Elementos de unión

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASCO.005b	MAS- CO.005b/01	RX-EDS			100								
MASCO.005b	MAS- CO.005b/02	RX-EDS			100								

Espirales de Sa Cova

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASCO.011	MASCO.011/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.011	MASCO.011/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.017	MASCO.017/01	RX-EDS	1.34	ND	98.66	ND	ND	ND	ND	ND	ND	ND	
MASCO.017	MASCO.017/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.017	MASCO.017/03	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.017	MASCO.017/04	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.024	MAS- CO.024a/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.024	MAS- CO.024a/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.025	MAS- CO.025a/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.025	MAS- CO.025a/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.026	MAS- CO.026a/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.026	MAS- CO.026a/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.027	MAS- CO.027a/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.027	MAS- CO.027a/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.027	MAS- CO.027a/03	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.028	MAS- CO.028a/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MASCO.028	MAS- CO.028a/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	

Hachas *bipenne* de Sa Cova

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MASCO.003	MASCO.003/01	RX-EDS	ND	ND	47,93	ND	ND	ND	2,84	ND	ND	49,23	
MASCO.003	MASCO.003/02	RX-EDS	ND	ND	48,71	ND	ND	ND	5,89	ND	ND	45,4	
MASCO.003		MEDIA			48,32				4,37			47,32	
MASCO.019	MASCO.019/01	RX-EDS	ND	ND	91,32	ND	ND	ND	8,68	ND	ND	ND	Mineralizado
MASCO.019	MASCO.019/02	RX-EDS	ND	ND	83,38	ND	ND	ND	16,62	ND	ND	ND	Mineralizado
MASCO.019	MASCO.019/03	RX-EDS	ND	ND	91,75	ND	ND	ND	8,25	ND	ND	ND	Mineralizado
MASCO.019		MEDIA			88,82				11,18				

4. Sa Cova (Artà)

Núm de pieza	T. de analítica	Mg	V	Fe	Co	Ni	Cu (%)	Zn	As	Ag	Sn (%)	Sb	Au	Pb	Bi
MASCO.019	ICP-OES	1565,18	6,13	1592,55	142,38	188,73	66,27	ND	68,84	1087,97	0,75	ND	ND	815,12	1677.,29
Observaciones		Valores cuantificados en ppm, salvo en los casos del Cu y el Sn, expresados en %, normalmente elementos mayoritarios.													

5. Es Fitters (Muro)

Aros de Es Fitters

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEF.001	MAEF.001/01	RX-EDS	ND	ND	92,45	ND	ND	ND	4,22	ND	ND	3,34	
MAEF.001	MAEF.001/02	RX-EDS	ND	ND	92,95	ND	ND	ND	3,34	ND	ND	3,71	
MAEF.001		MEDIA			92,7				3,78			3,53	
MAEF.004	MAEF.004/01	RX-EDS	ND	ND	61,1	ND	ND	ND	1,4	ND	ND	37,49	
MAEF.004	MAEF.004/02	RX-EDS	ND	ND	52,99	ND	ND	ND	4,02	ND	ND	42,99	
MAEF.004		MEDIA			57,05				2,71			40,24	
MAEF.005	MAEF.005/01	RX-EDS	ND	ND	71,1	ND	ND	ND	8,99	ND	ND	19,91	
MAEF.005	MAEF.005/02	RX-EDS	ND	ND	71,34	ND	ND	ND	11,06	ND	ND	17,6	
MAEF.005		MEDIA			71,22				10,03			18,76	
MAEF.007	MAEF.007/01	RX-EDS	ND	ND	59,56	ND	ND	ND	8,47	ND	ND	31,97	
MAEF.023a	MAEF.023a/01	RX-EDS	ND	ND	83,78	ND	ND	ND	8,12	ND	ND	8,1	
MAEF.023a	MAEF.023a/02	RX-EDS	ND	ND	85,08	ND	ND	ND	10,56	ND	ND	4,36	
MAEF.023a		MADIA			84,43				9,34			6,23	
MAEF.023b	MAEF.023b/01	RX-EDS	ND	ND	79,42	ND	ND	ND	15,46	ND	ND	5,12	
MAEF.023b	MAEF.023b/02	RX-EDS	ND	ND	73,39	ND	ND	ND	17,6	ND	ND	9,02	
MAEF.023b		MEDIA			76,41				16,53			7,07	
MAEF.023c	MAEF.023c/01	RX-EDS	ND	ND	78,47	ND	ND	ND	20,57	ND	ND	0,96	
MAEF.024a	MAEF.024a/01	RX-EDS	ND	ND	81	ND	ND	ND	16,85	ND	ND	2,14	
MAEF.024a	MAEF.024a/02	RX-EDS	ND	ND	81,11	ND	ND	ND	16,4	ND	ND	2,48	
MAEF.024a	MAEF.024a/03	RX-EDS	ND	ND	88,31	ND	ND	ND	7,49	ND	ND	4,21	
MAEF.024a		MEDIA			83,47				13,58			2,94	
MAEF.025a	MAEF.025a/01	RX-EDS	ND	ND	52,97	ND	ND	ND	7,68	ND	ND	39,35	
MAEF.025a	MAEF.025a/02	RX-EDS	ND	ND	58,27	ND	ND	ND	6,29	ND	ND	35,45	
MAEF.025a		MEDIA			55,62				6,99			37,4	
MAEF.026a	MAEF.026a/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MAEF.026a	MAEF.026a/02	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
MAEF.027a	MAEF.027a/01	RX-EDS	ND	ND	86,97	ND	ND	ND	3,66	ND	ND	9,37	
MAEF.027a	MAEF.027a/02	RX-EDS	ND	ND	82,96	ND	ND	ND	8,27	ND	ND	8,77	
MAEF.027a		MEDIA			84,97				5,97			9,07	

Discos de Grupo A de Es Fitters

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEF.014a	MAEF.014a/02	RX-EDS	ND	ND	97,54	ND	ND	ND	2,78	ND	ND	2,9	
MAEF.014a	MAEF.014a/03	RX-EDS	ND	ND	98,54	ND	ND	ND	2,51	ND	ND	1,42	

5. Es Fitters (Muro)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEF.014a	PA23077	XRF	0,24	ND	99,54	ND	ND	ND	0,13	ND	ND	1,21	Mineralizado
MAEF.014a	PA23077P	XRF	0,3	0,06	93,3	ND	ND	ND	2,92	ND	ND	3,43	Pátina
MAEF.014a		MEDIA	ND	ND	97,23	ND	ND	ND	2,09	ND	ND	2,24	
MAEF.015a	MAEF.015a/01	RX-EDS	ND	ND	61,53	ND	ND	ND	1,55	ND	ND	36,92	
MAEF.015a	MAEF.015a/02	RX-EDS	ND	ND	64,71	ND	ND	ND	4,36	ND	ND	30,94	
MAEF.015	MAEF.015a/03	RX-EDS	ND	ND	59,21	ND	ND	ND	1,79	ND	ND	39	
MAEF.015a	PA23097	XRF	ND	ND	76,6	ND	ND	ND	0,97	ND	ND	22,44	
MAEF.015a		MEDIA	ND	ND	65,51	ND	ND	ND	2,17	ND	ND	32,33	
MAEF.016a	MAEF.016a/01	RX-EDS	ND	ND	83,28	ND	ND	ND	14,41	ND	ND	2,31	
MAEF.016a	MAEF.016a/02	RX-EDS	ND	ND	84,11	ND	ND	ND	13,86	ND	ND	2,03	
MAEF.016a	MAEF.016a/03	RX-EDS	ND	ND	88,52	ND	ND	ND	9,28	ND	ND	2,2	
MAEF.016a	PA23078	XRF	ND	ND	90,5	ND	ND	ND	8,28	ND	ND	1,2	
MAEF.016a	PA23078P	XRF	0,9	ND	90,6	ND	ND	ND	5,69	ND	ND	3,65	Pátina
MAEF.016a		MEDIA	ND	ND	87,4	ND	ND	ND	10,3	ND	ND	2,28	
MAEF.017a	PA23142A	XRF	0,16	ND	76	ND	1,02	ND	0,63	ND	ND	22,23	

Elementos asociados a discos de Grupo A de Es Fitters. Varillas

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEF.018	PA23145	XRF	0,45	ND	93,6	ND	ND	ND	2,56	ND	ND	3,42	
MAEF.019	PA23143	XRF	0,14	ND	99,5	ND	0,36	ND	ND	ND	ND	ND	
MAEF.020	PA23144	XRF	0,2	ND	99,5	ND	0,27	ND	ND	ND	ND	ND	
MAEF.021	PA23141	XRF	0,9	ND	99,7	ND	0,14	ND	ND	ND	ND	0,06	
MAEF.022	PA23140	XRF	0,63	ND	99,2	ND	0,15	ND	ND	ND	ND	ND	

Elementos asociados a discos de Grupo A de Es Fitters. Elementos de unión

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEF.017b	PA23142B	XRF	0,21	ND	99	ND	0,35	ND	ND	ND	ND	0,42	

Espirales de Es Fitters

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAEF.002	MAEF.002/01	RX-EDS	1,12	ND	96,64	ND	ND	ND	ND	ND	ND	2,24	
MAEF.002	MAEF.002/02	RX-EDS	1,22	ND	94,29	ND	ND	ND	ND	ND	ND	3,27	

6. Otros yacimientos (comparativo)

Hacha *bipenne* de Cova de Son Maimó (Mallorca)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MACSM.001 ¹	PA23725	XRF	ND	ND	65,9	ND	ND	ND	5,27	ND	ND	28,8	
MACSM.001	PA23725P	XRF	0,49	ND	72,9	ND	ND	ND	9,15	ND	ND	17,4	
MACSM.001		MEDIA			69,4				7,21			23,1	

Campanilla de Torralba d'en Salort (Menorca)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
METS.001 ²	A3128	XRF	0,15	0,16	72	ND	ND	0,288	16	0,141	ND	10	

Campanillas de Es Puig des Molins (Ibiza)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
EIPDM.003 ³	AA1336/A	XRF	0,24	0,03	51,18	ND	0,2	0,020	13,24	0,065	ND	34,21	
EIPDM.003	AA1336/B	XRF	0,68	0,31	76,82	0,39	0,74	0,033	3,34	0,042	ND	17,47	Badajo
EIPDM.004	AA1337/A	XRF	0,19	0,18	50,17	ND	0,17	0,006	10,44	0,700	ND	38,57	
EIPDM.004	AA1337/B	XRF	0,21	0,73	15,74	ND	ND	0,007	11,82	0,095	ND	70,91	Badajo
EIPDM.005	AA1338	XRF	0,2	0,14	34,38	ND	0,31	0,006	8,41	0,132	ND	56,51	
EIPDM.006	AA1345	XRF	0,05	0,2	85,27	ND	ND	0,022	7,55	0,100	ND	6,87	

Campanillas de procedencia desconocida

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAD.001 ⁴	PA0729	XRF	0,4	ND	66,22	ND	ND	0,014	5,23	0,074	ND	27,53	
MAD.002	PA0730	XRF	0,03	ND	60,2	ND	ND	0,021	2	0,160	ND	36,55	

¹ Inédito

² Torralba d'en Salort (Delibes y Fernández-Miranda 1988:166)

³ EIPDM.003-EIPDM.006, Puig des Molins (Delibes y Fernández-Miranda 1988:166)

⁴ MAD.001-MAD.006, procedencia desconocida. Pueden ser de Son Cresta o de Son Bauçà (Rovira et al 1991:55)

6. Otros yacimientos (comparativo)

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
MAD.003	PA0731	XRF	0,22	ND	62,84	0,29	ND	0,016	8,59	0,069	ND	27,15	
MAD.004	PA0732	XRF	0,02	ND	57,85	ND	ND	0,010	5,09	0,074	ND	36,5	
MAD.005	PA0733	XRF	0,23	0,15	89,08	ND	ND	0,007	2,38	0,049	ND	7,46	
MAD.006	PA0734	XRF	0,21	ND	60,68	ND	ND	6,000	9,27	0,066	ND	28,97	

Anillos de procedencia desconocida

Núm. pieza	Núm. análisis	Tipo de analítica	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Observaciones
DD.005 ⁵	DD.005/01	RX-EDS	ND	ND	66,51	ND	ND	ND	16,27	ND	ND	17,22	
DD.005	DD.005/02	RX-EDS	ND	ND	75,56	ND	ND	ND	16,64	ND	ND	7,81	
DD.005	DD.005/03	RX-EDS	ND	ND	69,37	ND	ND	ND	7,99	ND	ND	22,64	
DD.005	DD.005/04	RX-EDS	ND	ND	79,07	ND	ND	ND	10,19	ND	ND	10,74	
DD.005	MEDIA				72,63				12,77			14,6	
DD.006	DD.006/01	RX-EDS	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	
DD.007	DD.007/01	RX-EDS	ND	ND	77,11	ND	ND	ND	14,03	ND	ND	8,86	
DD.007	DD.007/02	RX-EDS	ND	ND	83,38	ND	ND	ND	10,57	ND	ND	6,05	
DD.007	MEDIA				80,25				12,3			7,46	

⁵Inéditos

Parte II.

Análisis elemental de minerales de las Islas Baleares

7. Mallorca

Análisis XRF de minerales de Mallorca

Análisis	Mineral	Yacimiento	Muestra	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Bi	Ti	Mn	Co	LE
PA23146	Galena	Bunyola	MA8/A	2,6	ND	0,4	1,01	ND	ND	ND	ND	ND	96	ND	ND	ND	ND	ND
PA23155B	Galena	Bunyola	MA8/C	4,12	ND	ND	1,46	ND	ND	ND	ND	ND	94,42	ND	ND	ND	ND	ND
PA23156	Galena	Bunyola	MA8/B	1,7	ND	ND	1,21	ND	ND	ND	ND	ND	97,09	ND	ND	ND	ND	ND
PA24394	Galena	Bunyola	2	0,2	ND	0,29	0,61	ND	ND	ND	ND	ND	98,9	ND	ND	ND	ND	ND
PA24395	Galena	Bunyola	3	ND	ND	0,32	0,1	ND	ND	ND	ND	ND	99,6	ND	ND	ND	ND	ND
PA24396	Galena	Bunyola	MA11/6	0,71	ND	0,32	0,18	ND	ND	ND	ND	ND	98,8	ND	ND	ND	ND	ND
PA24397	Galena	Bunyola	MA11/10	0,36	ND	0,21	0,31	ND	ND	ND	ND	ND	99,1	ND	ND	ND	ND	ND
PA24398	Galena	Bunyola	MA10/2	1,54	ND	0,09	0,54	ND	ND	ND	ND	ND	20,6	ND	ND	ND	ND	LE=77,24
PA24398B	Galena	Bunyola	MA10/2	1,29	ND	0,08	0,26	ND	ND	ND	ND	ND	4,08	ND	ND	ND	ND	LE=94,29
PA24399	Galena	Bunyola	MA09/3	9,96	ND	0,45	4,55	ND	ND	ND	ND	ND	85	ND	ND	ND	ND	ND
PA21331	Malaquita	Es Canyeret	MA3	2,36	0,02	16,44	ND	ND	ND	ND	ND	ND	0,01	ND	0,37	ND	ND	LE=80,78
PA21329	Malaquita	Font Subauma	MA2	0,21	ND	43,35	ND	0,01	ND	ND	ND	ND	0,01	ND	ND	ND	ND	LE=56,42
PA21330	Malaquita	Font Subauma	MA2/B	1,49	ND	16,1	ND	ND	ND	ND	ND	ND	0,01	ND	1,12	ND	ND	LE=81,25
PA21332	Malaquita	Mortitx	MA4	6,11	ND	93,4	ND	ND	ND	ND	ND	ND	0,28	ND	ND	ND	0,21	ND
PA21332B	Malaquita	Mortitx	MA4	5,69	ND	93,55	ND	ND	ND	ND	ND	ND	0,3	ND	ND	0,11	0,34	ND
PA21328	Malaq.-Azur.	Port des Canonge	MA1	0,81	ND	98,78	ND	0,11	ND	ND	ND	ND	0,15	ND	ND	ND	ND	ND
PA21328B	Malaquita	Port des Canonge	MA1	20,97	ND	77,85	ND	0,74	ND	ND	ND	ND	0,11	ND	ND	ND	ND	ND
PA24382	Malaquita	Port Valldemossa	1	5,08	0,02	8,08	ND	0	ND	ND	ND	ND	ND	ND	ND	0,25	ND	LE=86,56
PA24383	Malaquita	Port Valldemossa	2	3,65	ND	3,74	ND	0,02	ND	ND	ND	ND	0,01	ND	0,84	ND	ND	LE=91,7
PA24384	Malaquita	Port Valldemossa	3	3,12	0,02	5,27	ND	0	ND	ND	ND	ND	ND	ND	ND	0,34	0,14	LE=91,1
PA24385	Malaquita	Port Valldemossa	4	4,5	0,02	5,26	ND	ND	ND	ND	ND	ND	ND	ND	ND	0,72	0,15	LE=89,34
PA24385B	Malaquita	Port Valldemossa	4	2,67	0,02	11,9	ND	ND	ND	ND	ND	ND	ND	ND	ND	0,09	ND	LE=85,33
PA24386	Malaquita	Port Valldemossa	5	1,86	0,01	12,9	ND	ND	ND	ND	ND	ND	ND	ND	ND	0,1	0,08	LE=85,03

Análisis	Mineral	Yacimiento	Muestra	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Bi	Ti	Mn	Co	LE
PA21333	Malaquita	Port Valldemossa	MA5	1,36	ND	5,1	0,07	0,01	ND	ND	ND	ND	0,01	ND	ND	ND	ND	LE=93,44
PA24377	Malaquita	Rafal DfAriant (Mortix)	1	1,83	ND	15,3	ND	ND	ND	ND	ND	ND	0,02	ND	1,69	0,13	ND	LE=81,05
PA24377B	Malaquita	Rafal DfAriant (Mortix)	1	1,79	ND	13,3	ND	ND	ND	ND	ND	ND	0,01	ND	1,41	0,07	ND	LE=83,35
PA24378	Malaquita	Rafal DfAriant (Mortix)	2	1,29	ND	36,6	ND	ND	ND	ND	ND	ND	ND	ND	0,36	ND	ND	LE=61,71
PA24379	Malaquita	Rafal DfAriant (Mortix)	3	3,63	ND	1,99	ND	ND	ND	ND	ND	ND	0,01	ND	1,16	0,28	ND	LE=92,92
PA24380	Malaquita	Rafal DfAriant (Mortix)	4	3,64	ND	9,75	ND	0,01	ND	ND	ND	ND	0,01	ND	1,27	0,51	ND	LE=84,8
PA24381	Malaquita	Rafal DfAriant (Mortix)	5	1,72	ND	24,4	ND	ND	ND	ND	ND	ND	0,02	ND	1,6	ND	ND	LE=72,23
PA23758	Malaquita	SfAram	MA6/1	5,46	ND	19,4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	LE=75,1
PA23759	Malaquita	SfAram	MA6/2.1	6,23	ND	92,0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	Ba
PA23760	Malaquita	SfAram	MA6/2.2	16	ND	4,95	ND	ND	ND	ND	ND	ND	0,01	ND	ND	ND	ND	LE=77,0; Ba
PA23761	Malaquita	SfAram	MA6/3	9,29	ND	8,90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	LE=80,9; Ba
PA23761B	Malaquita	SfAram	MA6/3	8,73	0,02	6,32	ND	ND	ND	ND	ND	ND	ND	ND	ND	0,06	ND	LE=84,1; Ba
PA21334	Malaquita	SfAram	MA6	3,95	ND	39,54	ND	ND	ND	ND	ND	ND	0,01	ND	0,19	ND	ND	LE=56,32
PA24387	Malaquita	Son Serralta	1	1,45	ND	5,45	ND	ND	ND	ND	ND	ND	0	0,01	0,43	ND	ND	LE=92,64
PA24388	Malaquita	Son Serralta	2	2,58	ND	4,29	ND	0,08	ND	ND	ND	ND	ND	ND	0,71	0,03	0,1	LE=92,2
PA24389	Malaquita	Son Serralta	3	1,52	ND	7,65	ND	ND	ND	ND	ND	ND	0,01	ND	0,27	0,23	ND	LE=90,29
PA24390	Malaquita	Son Serralta	4	1,27	ND	11,6	ND	0,01	ND	ND	ND	ND	0,01	ND	0,23	0,45	0,04	LE=86,31
PA24391	Malaquita	Son Serralta	5	3,11	ND	5	0,14	1,51	ND	ND	ND	ND	ND	0,12	ND	ND	ND	LE=90,11
PA24391B	Malaquita	Son Serralta	5	2,09	ND	0,21	ND	0,04	ND	ND	ND	ND	ND	ND	0,17	0,21	0,21	LE=97,06
PA24392	Malaquita	Son Serralta	6	1,5	ND	9,44	ND	0,03	ND	ND	ND	ND	ND	ND	0,46	0,37		LE=88,2
PA24393	Malaquita	Son Serralta	7	8,18	ND	28,8	0,09	0,58	ND	ND	ND	ND	0,09	ND	ND	0,13		LE=62,11
PA21335	Malaquita	Son Serralta	MA7	1,65	ND	11,63	ND	0	ND	ND	ND	ND	0,01	0,02	0,31	0,29	ND	LE=86,04

8. Menorca

Análisis XRF de minerales de Menorca

Análisis	Mineral	Yacimiento	Muestra	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Bi	Ti	Mn	Co	LE
PA23147	Galena	Binifabini	ME21	ND	ND	0.2	ND	ND	ND	ND	ND	ND	99.8	ND	ND	ND	ND	ND
PA23148	Malaq.-Gal.	Binifabini	ME10	5.61	ND	87.7	1.07	2.51	ND	ND	ND	ND	2.99	ND	ND	ND	ND	ND
PA21325	Malaquita	Binifabini	ME6	0.97	ND	12.03	0.56	0.18	ND	ND	ND	ND	1.08	ND	ND	ND	ND	LE=85.17
PA21326	Malaquita	Binifabini	ME7	0.3	ND	30.36	1.21	0.14	ND	ND	ND	ND	0.38	ND	ND	ND	0.03	LE=67.58
PA21327	Galena	Binifabini	ME8	1.15	ND	ND	2.64	ND	ND	ND	ND	ND	96.21	ND	ND	ND	ND	ND
PA23753	Malaquita	Binifilla	ME18/A2	5.79	0.01	3.71	0.13	0.12	ND	ND	ND	ND	0.01	ND	ND	1.07	ND	LE=89.1
PA23754	Malaquita	Binifilla	ME18/A4	3.59	ND	2.21	ND	0.06	ND	ND	ND	ND	0.01	ND	ND	ND	0.08	LE=92.1, Ba
PA23755	Malaquita	Binifilla	ME18/A5	2.51	ND	5.42	ND	0.04	ND	ND	ND	ND	0.01	ND	ND	0.21	ND	LE=91.5, Ba
PA23756	Malaquita	Binifilla	ME18/B1	2.7	0.06	37.8	ND	0.2	ND	ND	ND	ND	0.02	ND	ND	ND	ND	LE=59.2
PA23757	Malaquita	Binifilla	ME18/B4	5.16	ND	19.8	ND	0.08	ND	ND	ND	ND	ND	ND	ND	0.26	0.06	Le=74.6
PA23157	Pirita	Capifort	ME14/A2	57.81	ND	19.3	3.35	ND	ND	ND	ND	ND	16.58	ND	ND	2.95	ND	ND
PA23158	Galena	Capifort	ME14/A3	24.37	ND	ND	0.38	ND	ND	ND	ND	ND	73.41	ND	ND	1.84	ND	ND
PA23159	Galena	Capifort	ME14/B1	ND	ND	ND	20.56	ND	ND	ND	ND	ND	79.44	ND	ND	ND	ND	ND
PA23160	Galena	Capifort	ME14/A1	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	ND	ND	ND
PA23160	Galena	Capifort	ME14/A1	0.55	ND	ND	ND	ND	ND	ND	ND	ND	99.45	ND	ND	ND	ND	ND
PA23149	Malaquita	Estacia de N'Aigordent	ME17/A	0.7	ND	10.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	LE=89.04
PA23736	Calcopirita	Illa den Colom (Blendífera)	4	5.63	ND	3.10	9.18	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND	LE=82.1
PA23736b	Calcopirita	Illa den Colom (Blendífera)	4	4.98	ND	2.54	1.78	ND	ND	ND	ND	ND	0.01	ND	ND	ND	ND	LE=90.7
PA21320	Malaquita	Illa den Colom (Sa Mitja Lluna)	ME1	1.18	ND	98.42	0.24	0.05	ND	ND	ND	ND	0.1	ND	ND	ND	ND	ND
PA21321	Calcopirita	Illa den Colom (Sa Mitja Lluna)	ME2	38.69	ND	61.21	ND	ND	ND	ND	ND	ND	0.09	ND	ND	ND	ND	ND
PA21322	Calcopirita	Illa den Colom (Sa Mitja Lluna)	ME3	8.95	ND	3.91	ND	ND	ND	ND	ND	ND	0.01	ND	ND	0.39	ND	LE=86.73
PA21322B	Calcopirita	Illa den Colom (Sa Mitja Lluna)	ME3	6.76	ND	2.62	ND	ND	ND	ND	ND	ND	0.02	ND	ND	0.21	ND	LE=90.39
PA21322B	Calcopirita	Illa den Colom (Sa Mitja Lluna)	ME3	7.51	ND	2.43	ND	0.01	ND	ND	ND	ND	0.01	ND	ND	0.31	ND	LE=89.73

Análisis	Mineral	Yacimiento	Muestra	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Bi	Ti	Mn	Co	LE
PA21323	Malaquita	Illa den Colom (Sa Mitja Lluna)	ME4	7.64	ND	91.05	1.27	ND	ND	ND	ND	ND	0.04	ND	ND	ND	ND	ND
PA21324	Malaquita	Illa den Colom (Sa Mitja Lluna)	ME5	0.91	ND	98.77	0.28	ND	ND	ND	ND	ND	0.05	ND	ND	ND	ND	ND
PA23741	Malaquita	Mina Adela	ME11/1.1	0.25	ND	74.5	ND	0.04	ND	ND	ND	ND	0.04	ND	ND	ND	ND	LE=25.1
PA23742	Malaquita	Mina Adela	ME11/A3	0.25	ND	73.8	ND	ND	ND	ND	ND	ND	0.03	ND	ND	ND	ND	LE=25.9
PA23743	Malaquita	Mina Adela	ME11/A2	0.51	ND	45.1	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	LE=54.4
PA23744	Malaquita	Mina Adela	ME12/C3	0.91	ND	33.9	ND	0.04	ND	ND	ND	ND	0.01	ND	ND	ND	ND	LE=65.1
PA23745	Malaquita	Mina Adela	ME12/C5	1.05	ND	18.3	ND	0.01	ND	ND	ND	ND	0.02	ND	ND	0.09	ND	LE= 80.5
PA23738	Calcopirita	Illa den Colom (Sa Mitja Lluna)	43-14	7.22	ND	2.91	0.11	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	LE=89.7
PA23739	Calcopirita	Illa den Colom (Sa Mitja Lluna)	63-14	10.68	ND	8.58	0.26	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	LE=80.4
PA23740	Malaquita	Illa den Colom (Sa Mitja Lluna)	25-14	1.65	ND	44.1	2.89	0.02	ND	ND	ND	ND	0.02	ND	ND	ND	ND	LE=51.3
PA23150	Malaquita	Ses Costes	ME1/B3	0.72	ND	99.1	ND	ND	ND	ND	ND	ND	0.19	ND	ND	ND	ND	ND
PA23151	Malaquita	Ses Costes	ME1/F4	0.04	ND	35.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	LE=63.97
PA23151B	Malaquita	Ses Costes	ME1/F4	0.31	ND	97.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PA23152	Malaquita	Ses Costes	ME1/G5	0.27	ND	98.4	ND	ND	ND	ND	ND	ND	0.08	ND	ND	ND	ND	ND
PA23152B	Malaquita	Ses Costes	ME1/G5	0.41	ND	98.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PA23153	Malaquita	Ses Costes	ME1/I2	0.87	ND	99.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PA23154	Malaquita	Ses Costes	ME1/I4	0.78	ND	99.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PA23746	Malaquita	Son Arret	ME15/A1	0.55	ND	21.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15	ND	LE=77.4
PA23747	Malaquita	Son Arret	ME15/A2	0.54	ND	69.5	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	LE=29.7
PA23748	Malaquita	Son Arret	ME15/A3	2.12	ND	22.5	ND	0.01	ND	ND	ND	ND	ND	ND	ND	0.24	ND	LE=75.1
PA23749	Malaquita	Son Arret	ME15/A4	0.8	ND	70.4	ND	0.15	ND	ND	ND	ND	0.02	ND	ND	ND	ND	LE=28.3
PA23750	Malaq. Azur.	Son Tema	ME22/C4	1.81	ND	5.98	0.17	0.48	ND	ND	ND	ND	0.03	ND	ND	ND	ND	LE=86.1, Hg=0.07
PA23750B	Malaq.-Azur.	Son Tema	ME22/C4	3.22	ND	11.7	0.17	0.57	ND	ND	ND	ND	0.07	ND	ND	ND	ND	LE=80.5, Hg=0.19
PA23750C	Malaq.- Azur.-Cinabrio	Son Tema	ME22/C4	6.4	ND	11.6	0.24	1.13	ND	ND	ND	ND	0.22	ND	ND	ND	ND	LE=78.0, Hg=0.6

Análisis	Mineral	Yacimiento	Muestra	Fe	Ni	Cu	Zn	As	Ag	Sn	Sb	Au	Pb	Bi	Ti	Mn	Co	LE
PA23751	Malaq.-Azur.	Son Tema	ME22/C1	2.32	ND	1.95	0.03	0.11	ND	ND	ND	ND	0.03	ND	ND	0.22	ND	LE=89.2, Ba, Hg=0.03
PA23751B	Malaq.-Azur.	Son Tema	ME22/C1	0.35	ND	1.28	0.04	0.06	ND	ND	ND	ND	0.01	ND	ND	0.22	0.03	LE=90.2
PA23752	Malaq.-Azur.	Son Tema	ME22/C3	0.88	ND	1.75	0.02	0.04	ND	ND	ND	ND	0.01	ND	ND	0.13	ND	LE=89.1, Ba

Parte III.

Análisis de Isótopos de Plomo

9. Análisis de Isótopos de Pb de minerales de las Islas Baleares

Análisis de Isótopos de Pb de minerales

Muestra	Isla	Yacimiento	Mineral	208Pb/206Pb	207Pb/206Pb	206Pb/204Pb	207Pb/204Pb	208Pb/204Pb	Fecha análisis	Datos
ME17/A1	Menorca	Aigordent	Malaquita	2,096788	0,841178	18,653753	15,691134	39,112968	2014	UIB
ME17/A2	Menorca	Aigordent	Malaquita	2,086477	0,836265	18,756489	15,685387	39,134989	2014	UIB
ME17/A3	Menorca	Aigordent	Malaquita	2,083532	0,842501	18,618474	15,686082	38,792182	2014	UIB
ME21	Menorca	Binifabini	Galena	2,100693	0,854889	18,337376	15,676425	38,521205	2014	UIB
ME10	Menorca	Binifabini	Malaquita	2,095095	0,850567	18,440016	15,684472	38,633584	2014	UIB
MA	Menorca	Binifabini	Malaquita	2,095995	0,850901	18,432365	15,684121	38,634147	2013	UIB
MB	Menorca	Binifabini	Malaquita	2,094849	0,850463	18,439116	15,681788	38,627166	2013	UIB
MC	Menorca	Binifabini	Galena	2,100658	0,855298	18,323712	15,672235	38,49186	2013	UIB
5169-12	Mallorca	Bunyola	Galena	2,071	0,83734	18,71517	15,67345	38,7752	NA	(Heinrich 2014)
5170-12	Mallorca	Bunyola	Galena	2,07147	0,83765	18,71119	15,67769	38,77298	NA	(Heinrich 2014)
5171-12	Mallorca	Bunyola	Galena	2,07183	0,83777	18,71999	15,67167	38,77325	NA	(Heinrich 2014)
5172-12	Mallorca	Bunyola	Galena	2,07164	0,83784	18,71698	15,67333	38,77152	NA	(Heinrich 2014)
5173-12	Mallorca	Bunyola	Galena	2,07159	0,83728	18,72246	15,67453	38,77273	NA	(Heinrich 2014)
5174-12	Mallorca	Bunyola	Galena	2,07107	0,83711	18,72389	15,67622	38,76982	NA	(Heinrich 2014)
5175-12	Mallorca	Bunyola	Galena	2,07109	0,83709	18,72478	15,67119	38,76885	NA	(Heinrich 2014)
5176-12	Mallorca	Bunyola	Galena	2,07177	0,83748	18,72021	15,6737	38,76763	NA	(Heinrich 2014)
5177-12	Mallorca	Bunyola	Galena	2,07143	0,83752	18,71259	15,67506	38,76749	NA	(Heinrich 2014)
MA8A	Mallorca	Bunyola	Galena	2,10301	0,85634	18,3107	15,6802	38,5076	2014	UIB
MA8B	Mallorca	Bunyola	Galena	2,10301	0,85635	18,3104	15,6800	38,5070	2014	UIB
MA8C	Mallorca	Bunyola	Galena	2,10284	0,85624	18,3122	15,6797	38,5075	2014	UIB
PA24394	Mallorca	Bunyola	Galena	2,10291	0,85632	18,3092	15,6786	38,5026	2015	UIB
PA24395	Mallorca	Bunyola	Galena	2,10281	0,85631	18,3092	15,6783	38,5008	2015	UIB
PA24396	Mallorca	Bunyola	Galena	2,10287	0,85633	18,3086	15,6783	38,5008	2015	UIB
PA24397	Mallorca	Bunyola	Galena	2,10278	0,85629	18,3090	15,6778	38,4998	2015	UIB
PA24398	Mallorca	Bunyola	Galena	2,10186	0,85563	18,3243	15,6789	38,5153	2015	UIB
PA24399	Mallorca	Bunyola	Galena	2,10289	0,85633	18,3079	15,6776	38,4995	2015	UIB
MA2/A	Mallorca	Cals.Reis	Malaquita	2,03161	0,810919	19,350267	15,69149	39,312202	2014	UIB
MA2/B	Mallorca	Cals.Reis	Malaquita	2,035862	0,810688	19,350005	15,686821	39,393935	2014	UIB
MA2/C	Mallorca	Cals.Reis	Malaquita	2,013502	0,802686	19,55939	15,700043	39,382875	2014	UIB

Muestra	Isla	Yacimiento	Mineral	208Pb/206Pb	207Pb/206Pb	206Pb/204Pb	207Pb/204Pb	208Pb/204Pb	Fecha	Datos
									análisis	
MA2/D	Mallorca	Cals.Reis	Malaquita	2,025916	0,806747	19,449252	15,69062	39,402553	2014	UIB
MA2/E	Mallorca	Cals.Reis	Malaquita	2,023188	0,804987	19,492611	15,691293	39,437227	2014	UIB
5043-10	Eivissa	Can Vicent	Galena	2,091	0,8462	18,54	15,689	38,764	NA	(Heinrich 2014)
5044-10	Eivissa	Can Vicent	Galena	2,1	0,8493	18,483	15,697	38,814	NA	(Heinrich 2014)
ME/A1	Menorca	Capifort	Galena	2,101846	0,854783	18,327599	15,666116	38,521794	2014	UIB
ME/B1	Menorca	Capifort	Galena	2,10231	0,855302	18,312799	15,662973	38,499172	2014	UIB
M1	Menorca	Mitja Lluna	Calcopirita	2,095703	0,849393	18,443487	15,665769	38,652067	2013	UIB
M2	Menorca	Mitja Lluna	Malaquita	2,098276	0,851742	18,381353	15,656165	38,56915	2013	UIB
M3	Menorca	Mitja Lluna	Calcopirita	2,097412	0,850407	18,427966	15,671275	38,651043	2013	UIB
M4	Menorca	Mitja Lluna	Malaquita	2,099094	0,851973	18,362804	15,644612	38,54525	2013	UIB
M5	Menorca	Mitja Lluna	Calcopirita	2,090785	0,845794	18,528022	15,670892	38,738118	2013	UIB
M6	Menorca	Mitja Lluna	Calcopirita	2,089313	0,847708	18,490981	15,674961	38,633443	2013	UIB
MA6/1	Mallorca	S.Aram	Malaquita	2,027094	0,807391	19,435655	15,692173	39,397906	2015	UIB
MA6/2.1	Mallorca	S.Aram	Malaquita	2,041179	0,816256	19,224045	15,691742	39,239719	2015	UIB
MA6/3	Mallorca	S.Aram	Malaquita	2,028812	0,80284	19,559802	15,703397	39,683169	2015	UIB
PA24377	Mallorca	Rafal	Malaquita	2,09520	0,85176	18,4078	15,6790	38,5680	2015	UIB
		dfAriant								
PA24378	Mallorca	Rafal	Malaquita	2,03407	0,81537	19,2380	15,6861	39,1314	2015	UIB
		dfAriant								
PA24381	Mallorca	Rafal	Malaquita	2,06335	0,83244	18,8420	15,6849	38,8777	2015	UIB
		dfAriant								
PA13787	Eivissa	S.Argentera	Galena	2,0793	0,8379	18,7122	NA	NA	NA	(Ramon et al, 2011)
PA13661	Eivissa	S.Argentera	Galena	2,0907	0,8408	18,7412	NA	NA	NA	(Ramon et al, 2011)
CRS	Eivissa	S.Argentera	Galena	2,0847	0,8389	18,739	NA	NA	NA	(Ramon et al, 2011)
PA13786	Eivissa	S.Argentera	Galena	2,082	0,8385	18,7062	NA	NA	NA	(Ramon et al, 2011)
5039-10	Eivissa	S.Argentera	Galena	2,086	0,8405	18,652	15,678	38,911	NA	(Heinrich 2014)
5040-10	Eivissa	S.Argentera	Galena	2,079	0,8378	18,727	15,689	38,931	NA	(Heinrich 2014)
5041-10	Eivissa	S.Argentera	Galena	2,081	0,8385	18,713	15,69	38,94	NA	(Heinrich 2014)
5042-10	Eivissa	S.Argentera	Galena	2,086	0,8404	18,655	15,678	38,915	NA	(Heinrich 2014)
5045-10	Eivissa	S.Argentera	Galena	2,082	0,8388	18,701	15,686	38,941	NA	(Heinrich 2014)
5047-10	Eivissa	S.Argentera	Galena	2,079	0,8378	18,729	15,691	38,938	NA	(Heinrich 2014)

Muestra	Isla	Yacimiento	Mineral	208Pb/206Pb	207Pb/206Pb	206Pb/204Pb	207Pb/204Pb	208Pb/204Pb	Fecha análisis	Datos
5048-10	Eivissa	S.Argentera	Galena	2,085	0,8398	18,671	15,68	38,922	NA	(Heinrich 2014)
5049-10	Eivissa	S.Argentera	Galena	2,086	0,8406	18,651	15,677	38,901	NA	(Heinrich 2014)
5050-10	Eivissa	S.Argentera	Galena	2,082	0,841	18,651	15,686	38,825	NA	(Heinrich 2014)
5051-10	Eivissa	S.Argentera	Galena	2,083	0,839	18,696	15,685	38,939	NA	(Heinrich 2014)
5052-10	Eivissa	S.Argentera	Galena	2,084	0,8399	18,665	15,675	38,906	NA	(Heinrich 2014)
5053-10	Eivissa	S.Argentera	Galena	2,085	0,8401	18,662	15,679	38,917	NA	(Heinrich 2014)
4758_13	Eivissa	S.Argentera	Galena	2,079	0,8379	18,724	15,688	38,935	NA	(Heinrich 2014)
4759_13	Eivissa	S.Argentera	Galena	2,079	0,8376	18,729	15,687	38,929	NA	(Heinrich 2014)
ME15/A1	Menorca	Son Arret	Malaquita	1,997979	0,804952	19,566942	15,750444	39,094337	2015	UIB
ME15/A2	Menorca	Son Arret	Malaquita	2,036657	0,819419	19,203777	15,735936	39,11151	2015	UIB
ME15/A4	Menorca	Son Arret	Malaquita	1,994481	0,802572	19,639262	15,761918	39,170135	2015	UIB

10. Análisis de Isótopos de Pb de objetos metálicos de Mallorca

Análisis de Isótopos de Pb de objetos metálicos

Muestra	Yacimiento	Objeto	208Pb/206Pb	207Pb/206Pb	206Pb/204Pb	207Pb/204Pb	208Pb/204Pb	Fecha análisis	Datos
MACM1.083	Cometa des Morts	Cuerno	2,08944	0,84618	18,5417	15,6896	38,7419	2014	UIB
MAEM.009	Es Morro	Disco Tintinnabulum	2,08273	0,84090	18,6680	15,6980	38,8806	2014	UIB
MASCO.019	Sa Cova	Hachita	2,07713	0,83871	18,7181	15,6991	38,8799	2015	UIB
MACM1.033	Cometa des Morts	Hachita	2,08452	0,83926	18,7365	15,7248	39,0565	2015	UIB
MACM1.036	Cometa des Morts	Pátera	2,08823	0,84440	18,5782	15,6874	38,7954	2015	UIB
MACM1.037A	Cometa des Morts	Plato	2,08202	0,84102	18,6529	15,6875	38,8357	2015	UIB
MACM1.037B	Cometa des Morts	Plato (pieza remache)	2,08406	0,84211	18,6363	15,6938	38,8391	2015	UIB
MACM1.038	Cometa des Morts	Plato	2,07516	0,83663	18,7534	15,6897	38,9163	2015	UIB
MACM1.051	Cometa des Morts	Disco Tintinnabulum	2,08770	0,84640	18,5310	15,6846	38,6871	2015	UIB
MACM1.077	Cometa des Morts	Gallo	2,07952	0,83886	18,7012	15,6878	38,8897	2015	UIB
MACM1.078	Cometa des Morts	Gallo	2,07407	0,83759	18,7241	15,6831	38,8350	2015	UIB
MAEF.014	Es Fifers	Disco Tintinnabulum	2,08307	0,84199	18,6295	15,6859	38,8066	2015	UIB
MAEF.015	Es Fifers	Disco Tintinnabulum	2,09600	0,84986	18,4613	15,6896	38,6950	2015	UIB
MAEF.016	Es Fifers	Disco Tintinnabulum	2,09241	0,84858	18,4702	15,6733	38,6471	2015	UIB
MAEF.017A	Es Fifers	Disco Tintinnabulum	2,10202	0,85601	18,3271	15,6882	38,5239	2015	UIB
MAEF.018	Es Fifers	Varilla	2,06779	0,83477	18,8003	15,6938	38,8749	2015	UIB
MAEF.019	Es Fifers	Varilla	2,08637	0,84707	18,4622	15,6388	38,5191	2015	UIB
MAEF.020	Es Fifers	Varilla	2,08055	0,84235	18,5166	15,5974	38,5247	2015	UIB
MAEF.021	Es Fifers	Varilla	2,08017	0,84417	18,4727	15,5941	38,4264	2015	UIB
MAEF.022	Es Fifers	Varilla	2,08079	0,84425	18,4746	15,5972	38,4418	2015	UIB

Muestra	Yacimiento	Objeto	208Pb/206Pb	207Pb/206Pb	206Pb/204Pb	207Pb/204Pb	208Pb/204Pb	Fecha análisis	Datos
MACSM.001	Son Maimó	Hachita	2,07622	0,83623	18,7686	15,6950	38,9677	2015	UIB
MASE.001	Son Espases	Placa	2,08424	0,83785	18,72991	15,69282	39,03764	2016	UIB
MASE.004	Son Espases	Placa	2,08660	0,84051	18,66787	15,69056	38,95243	2016	UIB
MASB.026	Son Bauçà	Campanita	2,09491	0,85170	18,37141	15,64697	38,48640	2016	UIB
MASB.027	Son Bauçà	Campanita	2,10087	0,85533	18,32791	15,67640	38,50465	2016	UIB
MASB.028	Son Bauçà	Campanita	2,06447	0,83306	18,83444	15,69014	38,88316	2016	UIB
MASB.029	Son Bauçà	Campanita	2,10487	0,85667	18,25164	15,63567	38,41731	2016	UIB
MASCO.005	Sa Cova	Disco Tintinnabulum	2,07701	0,84336	18,47828	15,58380	38,37956	2016	UIB
MASCO.018	Sa Cova	Disco Tintinnabulum	2,10269	0,85504	18,31253	15,65795	38,50550	2016	UIB
MAEM.019	Es Morro	Rueda de carro	2,10325	0,85561	18,29072	15,64969	38,46987	2016	UIB
SR14	Son Real	Placa	2,08418	0,83794	18,72701	15,69218	39,03038	2016	UIB

