

ID		location	museum-ID	sample description	metal																corrosion															
					Cu in %	Cu Error +/-	Sn in %	Sn Error +/-	Pb in %	Pb Error +/-	As in %	As Error +/-	Bi in %	Bi Error +/-	Co in %	Co Error +/-	Ni in %	Ni Error +/-	Sb in %	Sb Error +/-	Zn in %	Zn Error +/-	Fe in %	Fe Error +/-	Al in %	Cd in %	Cr in %	Mn in %	Mo in %	Nb in %	P in %	Si in %	Ti in %	V in %	W in %	Zr in %
191	Gielow, MSE	WA IV/ 64/ 561c	arm ring, polished	85.67	1.25	11.27	0.24	0.22	0.01	0.17	0.012	<		0.025	0.006	0.394	0.015	0.091	0.016	0.13	0.016	0.157	0.01	<	<	<	<	0.004	<	1.5	0.091	<	<	<	<	0.015
192	Gielow, MSE	WA IV/ 64/ 561c	arm ring, corroded	81.68	1.17	12.24	0.25	0.17	0.01	0.233	0.012	<		0.022	0.006	0.492	0.017	0.107	0.017	0.131	0.016	0.113	0.01	<	<	<	<	<	1.22	2.8	<	<	<	<	<	
193	Gielow, MSE	WA IV/ 64/ 561d	arm ring, polished	84.66	1.33	11.46	0.26	0.11	0.01	0.299	0.014	<		0.023	0.006	0.705	0.02	0.139	0.017	0.083	0.016	0.118	0.01	<	<	<	<	<	<	1.97	0.113	<	<	<	<	
194	Gielow, MSE	WA IV/ 64/ 561d	arm ring, corroded	81.27	1.02	14.31	0.25	0.13	0.01	0.38	0.015	<		0.019	0.006	0.624	0.019	0.177	0.019	0.101	0.016	0.075	0.01	<	<	<	<	<	0.47	2.04	<	<	<	<	<	
195	Mecklenburg	ALM 94/1032. 4	neck collar	79.98	1.15	15.16	0.3	0.16	0.01	0.198	0.011	<				0.275	0.014	0.047	0.017	0.112	0.016	0.049	0.009	<	<	<	<	<	0.67	2.98	0.073	<	<	0.009		
196	Pisede, MSE	ALM 3191	neck collar	77.52	1.71	18.5	0.55	0.56	0.02	0.375	0.022	0.025	0.007	0.016	0.008	0.571	0.024	0.168	0.025	0.075	0.019	0.098	0.013	<	<	<	<	<	0.78	0.93	<	<	<	<		
197	Pisede, MSE	ALM 3191	neck collar	81.32	1.36	12.89	0.3	0.48	0.02	0.315	0.017	0.026	0.006	0.014	0.006	0.62	0.019	0.126	0.018	0.184	0.016	0.079	0.009	<	<	<	<	<	1.34	1.47	0.118	<	<	0.016		
198	Mecklenburg	ALM 56	neck collar	80.83	1.43	13.72	0.34	0.17	0.01	0.377	0.016	0.013	0.004	0.024	0.006	0.344	0.016	0.07	0.018	0.093	0.016	0.114	0.011	<	<	<	<	<	<	2.76	0.114	<	<	<		
199	Mecklenburg	ALM 56	neck collar, end	84.66	1.3	13.83	0.3	0.13	0.01	0.33	0.015	0.009	0.004	0.026	0.006	0.376	0.016	0.088	0.018	0.107	0.017	0.045	0.009	<	<	<	<	<	<	<	0.071	<	<	0.009		
200	Möllen, LRO (GÜ)	ALM Br. 438	neck collar	78.32	1.32	16.26	0.38	0.2	0.01	0.271	0.014	<				0.137	0.013	<		0.125	0.016	1.223	0.026	<	<	<	<	<	<	2.99	0.184	<	<	<		
201	Alt Sammit, LRO (GÜ)	ALM 2303	neck collar with coating	58	1.28	29.52	0.84	1.11	0.03	0.691	0.027	0.048	0.007	0.026	0.01	0.442	0.02	0.223	0.025	0.323	0.018	0.933	0.031	<	<	<	<	<	2.68	3.1	0.387	<	0.11	<		
202	Mecklenburg	ALM LII Q. 7	neck collar	33.54	0.61	55.56	1.29	0.05	0.01	0.064	0.006	<				0.081	0.018	<		0.111	0.013	0.897	0.036	<	<	<	<	<	3.87	2.62	0.572	0.326	<	<		
203	Mecklenburg	ALM LII Q. 7	neck collar	41.56	1.07	42.28	1.43	1.57	0.05	0.549	0.026	0.075	0.008	<		0.087	0.016	<		0.134	0.014	0.592	0.029	5.13	<	<	<	<	2.19	4.97	0.227	<	0.068	<		
204	Sarmstorf, LRO (GÜ)	ALM Br. 93	neck collar	85.4	1.3	9.1	0.2	0.04	0.01	0.019	0.005	<				0.163	0.013	<		0.078	0.016	0.193	0.011	<	<	<	0.02	<	4.06	<	<	<	0.011			
205	Boldebeck, LRO (GÜ)	ALM Br. 271	neck collar	85.73	1.15	12.53	0.24	0.37	0.01	0.289	0.016	0.01	0.005	<		0.038	0.011	0.141	0.019	0.14	0.017	0.066	0.009	<	<	0.094	<	<	<	<	<	<	<	<		
208	Alt Sammit, LRO (GÜ)	ALM 2300	ring knife, tip	31.91	0.97	32.19	1.19	31.23	0.85	<						0.224	0.03	0.826	0.061	1.65	0.063	0.18	0.032	<	<	<	<	<	<	<	<	<	<	<		
209	Alt Sammit, LRO (GÜ)	ALM 2300	ring knife, centre	54.08	1.25	32.99	0.98	0.67	0.02	0.888	0.03	0.042	0.006	<		0.673	0.025	0.162	0.024	0.352	0.019	0.216	0.017	<	<	<	<	<	3.97	2.49	0.402	<	0.095	<		
210	Alt Sammit, LRO (GÜ)	ALM 2300	ring knife, ring	57.73	1.29	26.21	0.77	0.65	0.02	0.623	0.024	0.031	0.006	<		0.51	0.021	0.135	0.021	0.26	0.017	0.251	0.017	<	<	<	<	<	6.05	2.82	0.305	0.107	<	<		
211	Sparow, MSE	ALM LII 21g1	disc head pin	81.76	1.29	14.53	0.32	0.26	0.01	0.337	0.016	0.014	0.005	0.033	0.007	0.518	0.019	0.11	0.019	0.1	0.017	0.189	0.012	<	<	<	<	<	0.81	0.93	0.093	<	<	<		
212	Karbow, LUP	ALM Br. 88	neck collar	78.8	1.28	14.85	0.33	0.18	0.01	0.316	0.014	<		0.019	0.006	0.31	0.015	<		0.148	0.016	0.099	0.01	<	<	<	<	<	2.21	1.32	0.104	<	<	0.008		
213	Wotenitz, NWM	ALM 3374a	neck collar	22.01	0.37	44.43	0.95	<		0.529	0.015	<				0.148	0.024	<		0.131	0.014	22.352	0.35	<	<	<	0.118	<	0.48	7.96	0.434	<	<	<		
214	Wotenitz, NWM	ALM 3374a	neck collar	21.29	0.43	45.87	1.17	0.01	0.01	0.548	0.017	<				0.17	0.024	<		0.152	0.014	21.059	0.393	<	<	<	0.155	<	0.53	9.08	0.675	<	0.065	0.005		
215	Polnitz, LUP	ALM Br. 954b	leg ring	83.35	1.57	11.48	0.31	0.16	0.01	0.19	0.012	<		0.019	0.007	0.346	0.016	<		0.124	0.017	0.317	0.014	<	<	<	0.03	<	1.08	1.34	0.848	0.398	<	0.011		
217	Wozinkel, LUP	ALM 4124	neck collar	75.96	1.26	16.69	0.38	0.38	0.01	0.615	0.022	0.036	0.006	0.035	0.007	1.001	0.025	0.122	0.019	0.16	0.017	0.14	0.012	<	<	<	<	<	2.96	1.17	0.351	0.065	<	<		
218	Wozinkel, LUP	ALM 4124	neck collar, end	75.18	1.06	16.89	0.33	0.32	0.01	0.634	0.022	0.035	0.006	0.023	0.007	0.859	0.022	0.113	0.018	0.152	0.016	0.227	0.013	<	<	<	<	<	1.78	2.07	0.927	0.37	<	0.009		
219	Mecklenburg	ALM LII Q. 8	neck collar	77.29	1.05	18.35	0.34	0.41	0.01	0.219	0.014	0.013	0.005	<		0.147	0.013	0.038	0.018	0.137	0.016	0.216	0.013	<	<	<	<	<	1.55	1.26	<	<	0.102	0.008		
220	Mecklenburg	ALM LII Q. 8	neck collar	68.79	1.4	23.96	0.64	0.61	0.02	0.397	0.019	0.032	0.006	0.029	0.008	0.385	0.018	0.064	0.02	0.212	0.017	0.183	0.014	<	<	<	<	<	3.44	1.28	0.174	<	<	0.111		
221	Alt Sammit, LRO (GÜ)	ALM 2303	neck collar without coating	65.55	1.34	23.96	0.64	0.8	0.02	0.625	0.025	0.045	0.007	<		0.351	0.018	0.198	0.024	0.22	0.017	0.405	0.019	<	<	<	<	0.003	<	3.1	4.01	0.261	<	<	<	
222	Bütow, MSE	ALM Br. 1204	neck collar	56.53	0.97	26.23	0.59	0.03	0.01	0.367	0.013	<				0.343	0.017	0.677	0.029	0.131	0.014	1.322	0.013	5.58	<	<	<	<	<	2.52	5.62	0.208	0.074	0.11	<	
224	Bütow, MSE	ALM Br. 1204	neck collar, profile	83.71	2.84	11.55	0.55	0.02	0.01	0.194	0.014	<		0.042	0.007	0.377	0.021	0.381	0.03	<		0.177	0.013	<	<	<	<	<	<	<	<	<	<	<		
226	Mecklenburg	ALM 267	neck collar	66.16	1.26	19.41	0.5	1.05	0.03	0.445	0.023	0.081	0.008	<		0.458	0.019	0.154	0.021	0.134	0.016	0.488	0.019	<	<	<	<	<	<	1.2	8.64	0.222	<	<	<	
227	Amt Grabow, LUP	ALM LII 16	belt disc	71.52	1.3	19.91	0.49	0.1	0.01	0.718	0.023	<		0.03	0.008	0.598	0.021	0.311	0.024	0.11	0.016	0.314	0.016	<	<	<	<	<	2.44	3.22	0.21	<	<	<		
228	Turloff, LUP (PCH)	ALM Br. 371	neck collar	84.1	1.35	13.75	0.31	0.3	0.01	0.07	0.011	<				0.06	0.012	0.049	0.018	0.082	0.016	0.072	0.01	<	<	<	<	<	0.55	0.68	<	<	<			