

Institut für Kunsttechnik und Konservierung
Kornmarkt 1
90402 Nürnberg

Certificate of Verification

XL3t-69288

Reading No 1
Mode Mining
Time 2014-07-29 16:17
Duration 121.23
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM Gm 22
OBJEKT Verkuendigung
MATERIAL Holz bemalt Metall
ANALYSESTELLE P1 Nimbus
MESSAUFBAU STATIV
FILTER 30 30 30 35
User Login Stein



	ppm	±	Error
Ce	< LOD	:	172.599
La	< LOD	:	78.848
Ba	< LOD	:	84.480
Sb	< LOD	:	33.219
Sn	124.707	±	12.490
Cd	13.893	±	7.386
Ag	9.716	±	4.947
Bal	879361.938	±	940.045
Nb	< LOD	:	32.423
Zr	< LOD	:	108.486
Y	< LOD	:	26.817
Sr	103.028	±	6.299
Rb	< LOD	:	87.946
Th	< LOD	:	1596.537
Bi	< LOD	:	1167.576
Au	1830.998	±	62.450
As	7751.134	±	197.196
Se	< LOD	:	20.939
Pb	32689.174	±	505.409
Hg	< LOD	:	21.681
Zn	123.251	±	15.113
Cu	445.380	±	28.664
Ni	< LOD	:	49.518
Co	< LOD	:	81.896
Fe	8289.606	±	214.263
Mn	< LOD	:	106.396
Cr	39.999	±	21.943
V	< LOD	:	32.600
Ti	< LOD	:	132.926
Ca	10612.419	±	234.204
K	1073.793	±	125.154
Al	2211.629	±	512.652
P	27646.689	±	495.125
Si	7670.663	±	406.868
Cl	1300.525	±	35.925
S	18599.232	±	319.831
Mg	< LOD	:	7342.229

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XL3t-69288

Reading No 2
Mode Mining
Time 2014-07-29 16:25
Duration 121.92
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM Gm 22
OBJEKT Verkuendigung
MATERIAL Holz bemalt Metall
ANALYSESTELLE P2 Wappen
MESSAUFBAU STATIV
FILTER 30 30 30 35
User Login Stein



	ppm	±	Error
Ce	< LOD	:	300.300
La	< LOD	:	136.209
Ba	< LOD	:	203.554
Sb	< LOD	:	55.614
Sn	782.415	±	42.161
Cd	< LOD	:	18.800
Ag	1379.845	±	47.051
Bal	765960.875	±	2901.077
Nb	103.644	±	60.508
Zr	< LOD	:	271.986
Y	< LOD	:	72.421
Sr	53.046	±	11.605
Rb	< LOD	:	176.464
Th	< LOD	:	5204.961
Bi	< LOD	:	2770.239
Au	< LOD	:	80.952
As	13484.602	±	456.631
Se	< LOD	:	30.456
Pb	93020.336	±	2041.870
Hg	< LOD	:	46.387
Zn	120.978	±	18.562
Cu	1960.831	±	81.172
Ni	102.511	±	53.903
Co	< LOD	:	159.257
Fe	19303.402	±	522.379
Mn	250.372	±	100.103
Cr	< LOD	:	51.390
V	< LOD	:	39.428
Ti	< LOD	:	207.222
Ca	35344.699	±	810.917
K	2217.591	±	308.328
Al	5127.547	±	1054.641
P	2604.826	±	182.860
Si	18807.482	±	743.289
Cl	6573.785	±	181.865
S	32723.121	±	804.191
Mg	< LOD	:	14741.498

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Reading No 3
Mode Mining
Time 2014-07-29 16:31
Duration 122.53
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM Gm 22
OBJEKT Verkuendigung
MATERIAL Holz bemalt Metall
ANALYSESTELLE P3 Stab
MESSAUFBAU STATIV
FILTER 30 30 30 35
User Login Stein



	ppm	±	Error
Ce	< LOD	:	323.558
La	< LOD	:	208.866
Ba	< LOD	:	159.387
Sb	54.976	±	35.659
Sn	989.078	±	46.952
Cd	< LOD	:	29.488
Ag	55.352	±	11.488
Bal	701704.000	±	3971.299
Nb	114.583	±	71.941
Zr	< LOD	:	320.856
Y	< LOD	:	87.132
Sr	67.708	±	13.878
Rb	< LOD	:	249.991
Th	< LOD	:	5342.157
Bi	< LOD	:	3243.957
Au	4875.645	±	169.680
As	16787.771	±	533.734
Se	< LOD	:	40.045
Pb	108648.531	±	2410.431
Hg	< LOD	:	56.092
Zn	189.649	±	34.493
Cu	14746.309	±	345.372
Ni	170.398	±	58.544
Co	< LOD	:	138.650
Fe	12928.469	±	372.872
Mn	380.077	±	109.449
Cr	95.416	±	37.922
V	< LOD	:	61.945
Ti	< LOD	:	236.598
Ca	41350.098	±	886.797
K	2119.034	±	224.509
Al	8783.171	±	1240.692
P	36385.559	±	849.697
Si	15168.910	±	701.595
Cl	3621.296	±	102.865
S	30633.229	±	700.006
Mg	< LOD	:	16515.076

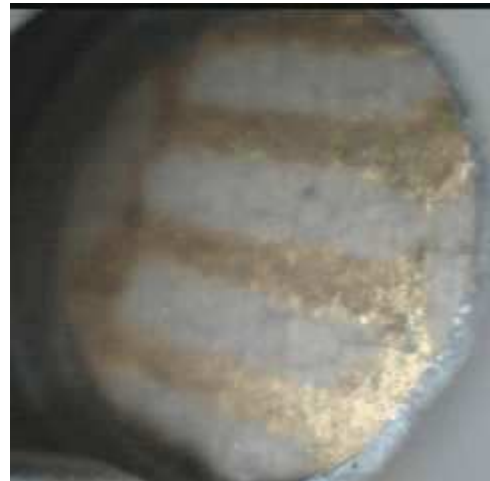
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Reading No 4
Mode Mining
Time 2014-07-29 16:37
Duration 120.78
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM Gm 22
OBJEKT Verkuendigung
MATERIAL Holz bemalt Metall
ANALYSESTELLE P4 Schrift
MESSAUFBAU STATIV
FILTER 30 30 30 35
User Login Stein



	ppm	±	Error
Ce	< LOD	:	282.541
La	< LOD	:	128.024
Ba	160.355	±	94.375
Sb	< LOD	:	44.277
Sn	440.687	±	29.314
Cd	< LOD	:	17.438
Ag	21.713	±	8.515
Bal	778309.875	±	2858.202
Nb	105.494	±	64.179
Zr	< LOD	:	286.270
Y	< LOD	:	77.058
Sr	76.320	±	12.460
Rb	< LOD	:	195.188
Th	< LOD	:	4935.849
Bi	< LOD	:	2880.342
Au	987.847	±	88.260
As	16888.402	±	507.981
Se	< LOD	:	38.241
Pb	94348.961	±	2065.620
Hg	< LOD	:	48.094
Zn	200.835	±	22.375
Cu	536.012	±	43.325
Ni	127.381	±	54.082
Co	< LOD	:	95.278
Fe	5070.516	±	216.264
Mn	259.533	±	100.044
Cr	< LOD	:	60.903
V	< LOD	:	36.523
Ti	< LOD	:	188.510
Ca	24231.240	±	592.954
K	1066.585	±	180.195
Al	3761.161	±	937.517
P	18579.930	±	518.034
Si	14611.783	±	663.368
Cl	2631.388	±	84.303
S	37571.656	±	926.962
Mg	< LOD	:	15335.100

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Reading No 5
Mode Mining
Time 2014-07-29 16:46
Duration 121.09
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM Gm 22
OBJEKT Verkuendigung
MATERIAL Holz bemalt Metall
ANALYSESTELLE P5 Mantelschliesse
MESSAUFBAU STATIV
FILTER 30 30 30 35
User Login Stein



	ppm	±	Error
Ce	< LOD	:	202.223
La	< LOD	:	92.023
Ba	< LOD	:	98.720
Sb	< LOD	:	32.140
Sn	895.851	±	29.395
Cd	17.873	±	8.794
Ag	37.819	±	6.920
Bal	851441.938	±	1311.739
Nb	< LOD	:	44.046
Zr	< LOD	:	143.285
Y	< LOD	:	36.444
Sr	86.584	±	7.514
Rb	< LOD	:	74.070
Th	< LOD	:	2452.150
Bi	< LOD	:	1517.032
Au	3962.746	±	108.490
As	9548.243	±	262.877
Se	< LOD	:	26.408
Pb	43177.293	±	774.782
Hg	< LOD	:	31.044
Zn	186.408	±	21.707
Cu	1477.385	±	56.632
Ni	< LOD	:	56.241
Co	< LOD	:	78.456
Fe	5046.016	±	178.012
Mn	257.140	±	83.885
Cr	94.142	±	24.465
V	< LOD	:	28.174
Ti	< LOD	:	138.269
Ca	15348.063	±	346.629
K	1501.389	±	155.472
Al	1509.761	±	615.962
P	35030.863	±	718.604
Si	5351.189	±	437.596
Cl	2266.857	±	60.426
S	22659.229	±	459.382
Mg	< LOD	:	10226.887

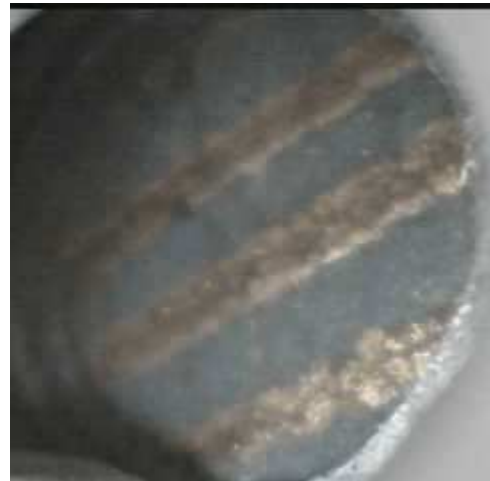
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Reading No 6
Mode Mining
Time 2014-07-29 16:52
Duration 120.29
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM Gm 22
OBJEKT Verkuendigung
MATERIAL Holz bemalt Metall
ANALYSESTELLE P6 Kindsstrahlen
MESSAUFBAU STATIV
FILTER 30 30 30 35
User Login Stein



	ppm	±	Error
Ce	< LOD	:	424.528
La	148.795	±	98.223
Ba	328.548	±	105.928
Sb	< LOD	:	75.169
Sn	525.651	±	32.272
Cd	< LOD	:	19.347
Ag	17.507	±	8.922
Bal	749739.688	±	3162.940
Nb	104.997	±	59.275
Zr	< LOD	:	273.654
Y	< LOD	:	72.577
Sr	56.277	±	11.896
Rb	< LOD	:	169.221
Th	< LOD	:	4412.226
Bi	< LOD	:	2811.268
Au	1400.109	±	93.315
As	11153.394	±	421.509
Se	< LOD	:	36.832
Pb	89426.469	±	1891.937
Hg	< LOD	:	47.514
Zn	< LOD	:	59.200
Cu	49194.508	±	921.714
Ni	< LOD	:	96.955
Co	< LOD	:	100.749
Fe	6917.773	±	224.109
Mn	286.712	±	96.110
Cr	< LOD	:	54.461
V	< LOD	:	67.945
Ti	< LOD	:	268.002
Ca	26505.506	±	558.346
K	1389.799	±	181.393
Al	3915.077	±	923.336
P	9390.792	±	272.169
Si	11426.467	±	522.247
Cl	2862.701	±	77.749
S	24523.279	±	516.103
Mg	< LOD	:	14928.168

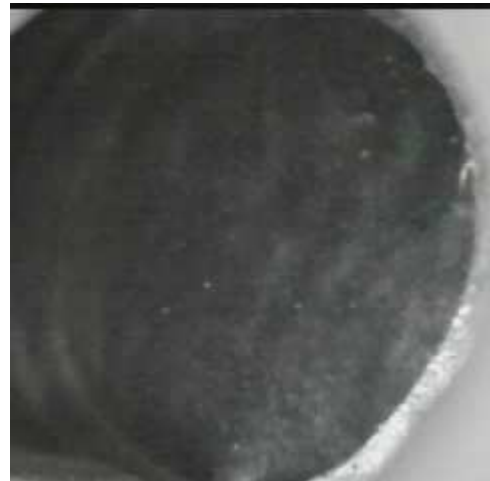
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XL3t-69288

Reading No 7
Mode Mining
Time 2014-07-29 16:58
Duration 120.11
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM Gm 22
OBJEKT Verkuendigung
MATERIAL Holz bemalt Metall
ANALYSESTELLE P7 Gewand MARIA
MESSAUFBAU STATIV
FILTER 30 30 30 35
User Login Stein



	ppm	±	Error
Ce	< LOD	:	383.375
La	< LOD	:	159.008
Ba	228.600	±	94.818
Sb	< LOD	:	73.071
Sn	78.939	±	17.889
Cd	< LOD	:	15.628
Ag	< LOD	:	17.516
Bal	753694.563	±	2611.716
Nb	< LOD	:	74.724
Zr	< LOD	:	176.483
Y	< LOD	:	45.127
Sr	23.236	±	7.941
Rb	< LOD	:	82.482
Th	< LOD	:	2470.322
Bi	< LOD	:	2110.399
Au	< LOD	:	54.832
As	< LOD	:	369.794
Se	< LOD	:	36.545
Pb	41409.012	±	812.589
Hg	56.721	±	21.299
Zn	< LOD	:	80.152
Cu	137437.188	±	1985.093
Ni	< LOD	:	70.882
Co	614.680	±	69.661
Fe	6087.087	±	163.554
Mn	< LOD	:	114.221
Cr	< LOD	:	40.568
V	< LOD	:	69.053
Ti	< LOD	:	342.613
Ca	17544.756	±	334.386
K	1658.636	±	164.497
Al	13097.777	±	1018.442
P	1555.580	±	99.152
Si	11286.783	±	409.601
Cl	2542.861	±	53.808
S	12531.931	±	210.086
Mg	< LOD	:	11617.449

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