

Institut für Kunsttechnik und Konservierung
Kornmarkt 1
90402 Nürnberg

Certificate of Verification

XL3t-69288

Reading No 1
Mode Mining
Time 2014-03-11 09:49
Duration 120.89
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 138
OBJEKT TAFELGEMAELEN
MATERIAL HOLZ METALL FASSUNG
ANALYSESTELLE P1 NIMBUS ALT
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	110.503
La	< LOD	:	50.380
Ba	< LOD	:	54.337
Sb	< LOD	:	21.669
Sn	13.004	±	8.631
Cd	15.859	±	5.289
Ag	405.977	±	11.705
Bal	914339.438	±	518.044
Nb	25.178	±	8.398
Zr	< LOD	:	66.251
Y	< LOD	:	10.589
Sr	122.082	±	4.488
Rb	< LOD	:	23.816
Th	< LOD	:	651.382
Bi	< LOD	:	799.994
Au	665.799	±	29.730
As	2871.997	±	83.586
Se	< LOD	:	18.513
Pb	10886.373	±	138.999
Hg	111.596	±	11.714
Zn	593.868	±	22.367
Cu	730.199	±	28.789
Ni	< LOD	:	34.698
Co	< LOD	:	60.889
Fe	6842.840	±	155.488
Mn	< LOD	:	78.945
Cr	30.326	±	17.648
V	< LOD	:	36.270
Ti	475.656	±	100.234
Ca	24232.971	±	341.917
K	4037.542	±	160.488
Al	2332.595	±	455.822
P	1414.363	±	93.232
Si	16810.279	±	470.875
Cl	1290.099	±	32.015
S	11752.005	±	169.746
Mg	< LOD	:	11137.148

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XL3t-69288

Reading No 2
Mode Mining
Time 2014-03-11 09:54
Duration 120.90
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 138
OBJEKT TAFELGEMAELENDE
MATERIAL HOLZ METALL FASSUNG
ANALYSESTELLE P2 NIMBUS
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	113.446
La	< LOD	:	51.823
Ba	< LOD	:	55.968
Sb	< LOD	:	19.340
Sn	22.797	±	8.642
Cd	14.522	±	5.475
Ag	278.224	±	9.934
Bal	911844.813	±	506.043
Nb	13.562	±	6.240
Zr	< LOD	:	34.775
Y	< LOD	:	7.663
Sr	140.952	±	4.306
Rb	18.534	±	10.638
Th	< LOD	:	489.463
Bi	< LOD	:	476.139
Au	2392.313	±	47.974
As	1761.311	±	59.239
Se	< LOD	:	11.850
Pb	6331.567	±	76.678
Hg	< LOD	:	10.855
Zn	82.650	±	12.683
Cu	1145.430	±	34.071
Ni	< LOD	:	33.371
Co	< LOD	:	30.958
Fe	724.458	±	52.790
Mn	< LOD	:	75.063
Cr	67.429	±	15.692
V	< LOD	:	18.665
Ti	< LOD	:	122.608
Ca	42602.582	±	459.824
K	943.906	±	115.746
Al	< LOD	:	687.212
P	19076.947	±	281.753
Si	2567.155	±	323.258
Cl	889.154	±	30.882
S	9068.577	±	122.228
Mg	< LOD	:	6495.376

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Reading No 3
Mode Mining
Time 2014-03-11 09:57
Duration 121.13
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 138
OBJEKT TAFELGEMAELEN
MATERIAL HOLZ METALL FASSUNG
ANALYSESTELLE P3 STANGE
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	106.877
La	< LOD	:	49.231
Ba	< LOD	:	52.634
Sb	< LOD	:	24.643
Sn	20.515	±	8.928
Cd	14.951	±	5.205
Ag	469.052	±	12.482
Bal	867477.313	±	712.117
Nb	19.564	±	6.745
Zr	< LOD	:	47.964
Y	< LOD	:	8.311
Sr	167.493	±	4.602
Rb	< LOD	:	19.000
Th	< LOD	:	532.649
Bi	< LOD	:	625.349
Au	690.871	±	26.459
As	2120.265	±	65.604
Se	< LOD	:	16.953
Pb	7801.530	±	93.277
Hg	< LOD	:	10.316
Zn	63.934	±	10.022
Cu	1302.480	±	36.190
Ni	< LOD	:	33.180
Co	< LOD	:	33.149
Fe	1105.813	±	59.810
Mn	< LOD	:	72.212
Cr	33.861	±	16.769
V	< LOD	:	25.500
Ti	< LOD	:	152.673
Ca	72405.938	±	731.421
K	2608.355	±	164.243
Al	2541.041	±	655.708
P	8025.815	±	196.129
Si	12440.807	±	489.655
Cl	2340.058	±	47.868
S	18350.311	±	219.009
Mg	< LOD	:	9785.212

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Reading No 4
Mode Mining
Time 2014-03-11 10:01
Duration 120.46
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 138
OBJEKT TAFELGEMAELENDE
MATERIAL HOLZ METALL FASSUNG
ANALYSESTELLE P4 BORTE
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	112.112
La	< LOD	:	51.080
Ba	< LOD	:	55.153
Sb	< LOD	:	18.810
Sn	131.306	±	11.746
Cd	13.840	±	5.423
Ag	661.259	±	15.324
Bal	897319.938	±	578.006
Nb	19.613	±	6.929
Zr	< LOD	:	47.671
Y	< LOD	:	8.571
Sr	121.477	±	4.065
Rb	< LOD	:	21.903
Th	< LOD	:	545.110
Bi	< LOD	:	617.981
Au	893.766	±	30.245
As	2367.974	±	68.705
Se	< LOD	:	17.570
Pb	8051.718	±	97.571
Hg	< LOD	:	11.812
Zn	65.886	±	10.924
Cu	2016.086	±	46.823
Ni	< LOD	:	33.692
Co	< LOD	:	33.279
Fe	1071.192	±	60.057
Mn	< LOD	:	74.557
Cr	45.798	±	17.174
V	< LOD	:	24.256
Ti	< LOD	:	126.241
Ca	55346.168	±	600.781
K	2913.499	±	171.615
Al	< LOD	:	788.923
P	5686.487	±	157.161
Si	9885.226	±	420.829
Cl	1302.727	±	36.231
S	11349.101	±	151.588
Mg	< LOD	:	8991.302

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Reading No 5
Mode Mining
Time 2014-03-11 10:05
Duration 121.81
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 138
OBJEKT TAFELGEMAELENDE
MATERIAL HOLZ METALL FASSUNG
ANALYSESTELLE P5 PRESSBROKAT
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	1231.517	±	451.192
La	590.790	±	202.430
Ba	445.807	±	211.263
Sb	< LOD	:	99.808
Sn	52610.887	±	1358.871
Cd	82.443	±	35.142
Ag	2296.587	±	85.176
Bal	732390.875	±	4688.501
Nb	266.607	±	78.201
Zr	< LOD	:	344.429
Y	< LOD	:	94.456
Sr	< LOD	:	20.524
Rb	< LOD	:	185.149
Th	< LOD	:	4480.575
Bi	< LOD	:	4359.468
Au	3014.779	±	140.113
As	1293.599	±	423.936
Se	< LOD	:	44.141
Pb	108119.938	±	2485.761
Hg	323.260	±	46.787
Zn	121.097	±	33.458
Cu	2818.839	±	118.727
Ni	< LOD	:	164.970
Co	< LOD	:	153.317
Fe	9240.212	±	358.823
Mn	< LOD	:	275.432
Cr	140.130	±	41.509
V	< LOD	:	57.654
Ti	< LOD	:	284.731
Ca	23488.404	±	698.146
K	5878.006	±	458.262
Al	4374.739	±	1084.064
P	10728.399	±	333.852
Si	17875.525	±	729.612
Cl	3426.761	±	103.479
S	18900.727	±	472.013
Mg	< LOD	:	16403.441

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Reading No 6
Mode Mining
Time 2014-03-11 10:10
Duration 122.12
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 138
OBJEKT TAFELGEMAELEN
MATERIAL HOLZ METALL FASSUNG
ANALYSESTELLE P6 NIMBUS RUECKSEITE
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	103.787
La	< LOD	:	47.548
Ba	< LOD	:	50.984
Sb	< LOD	:	25.096
Sn	39.946	±	7.773
Cd	18.027	±	5.070
Ag	160.403	±	7.135
Bal	887996.063	±	619.253
Nb	< LOD	:	10.717
Zr	< LOD	:	26.221
Y	< LOD	:	5.865
Sr	108.782	±	3.807
Rb	28.558	±	9.613
Th	< LOD	:	387.096
Bi	< LOD	:	346.615
Au	6955.456	±	87.832
As	841.418	±	41.511
Se	< LOD	:	14.720
Pb	3328.725	±	44.931
Hg	< LOD	:	11.036
Zn	96.470	±	16.884
Cu	631.781	±	25.277
Ni	< LOD	:	31.968
Co	< LOD	:	28.795
Fe	459.533	±	45.927
Mn	< LOD	:	75.190
Cr	79.552	±	15.028
V	< LOD	:	22.917
Ti	< LOD	:	99.964
Ca	56967.473	±	506.257
K	499.152	±	98.416
Al	< LOD	:	661.559
P	26678.992	±	309.225
Si	1720.138	±	311.113
Cl	524.033	±	22.895
S	12360.024	±	133.637
Mg	< LOD	:	8140.305

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