

Institut für Kunsttechnik und Konservierung
Kornmarkt 1
90402 Nürnberg

Certificate of Verification

XL3t-69288

Reading No 1
Mode Mining
Time 2014-02-25 09:47
Duration 121.68
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 139
OBJEKT TAFELGEMAELENDE
MATERIAL HOLZ FASSUNG METALL
ANALYSESTELLE P1 STANGE
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	90.155
La	< LOD	:	41.178
Ba	< LOD	:	44.389
Sb	< LOD	:	23.755
Sn	90.716	±	9.232
Cd	30.273	±	4.757
Ag	753.977	±	13.699
Bal	921271.875	±	445.882
Nb	16.063	±	6.067
Zr	< LOD	:	42.104
Y	< LOD	:	7.295
Sr	76.945	±	3.164
Rb	< LOD	:	13.904
Th	< LOD	:	479.139
Bi	< LOD	:	531.153
Au	63.757	±	14.219
As	1898.172	±	60.547
Se	< LOD	:	10.087
Pb	6890.705	±	81.614
Hg	< LOD	:	8.903
Zn	173.107	±	13.084
Cu	4270.287	±	72.272
Ni	< LOD	:	33.335
Co	< LOD	:	44.860
Fe	2380.636	±	80.323
Mn	< LOD	:	70.144
Cr	45.379	±	14.144
V	< LOD	:	20.154
Ti	< LOD	:	136.232
Ca	30900.578	±	362.804
K	4598.463	±	195.178
Al	1974.720	±	431.107
P	2551.585	±	100.063
Si	9257.663	±	339.322
Cl	2313.089	±	40.468
S	10392.208	±	131.594
Mg	< LOD	:	8504.521

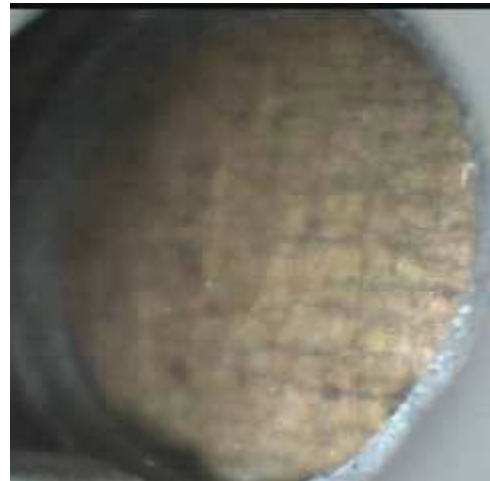
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Kornmarkt 1
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XL3t-69288

Reading No 2
Mode Mining
Time 2014-02-25 09:52
Duration 121.65
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 139
OBJEKT TAFELGEMAELEN
MATERIAL HOLZ FASSUNG METALL
ANALYSESTELLE P2 BORTE
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	95.538
La	< LOD	:	43.808
Ba	< LOD	:	47.230
Sb	< LOD	:	25.350
Sn	128.164	±	9.650
Cd	18.599	±	4.776
Ag	462.107	±	11.214
Bal	907873.938	±	499.566
Nb	14.170	±	5.762
Zr	< LOD	:	35.249
Y	< LOD	:	6.883
Sr	151.083	±	4.174
Rb	< LOD	:	20.162
Th	< LOD	:	455.042
Bi	< LOD	:	473.720
Au	929.314	±	28.440
As	1861.450	±	56.628
Se	< LOD	:	13.192
Pb	6092.224	±	71.188
Hg	< LOD	:	8.631
Zn	50.591	±	9.902
Cu	1914.119	±	42.847
Ni	< LOD	:	31.946
Co	< LOD	:	37.341
Fe	2244.702	±	77.588
Mn	< LOD	:	70.341
Cr	49.948	±	16.043
V	< LOD	:	25.839
Ti	< LOD	:	171.232
Ca	55037.098	±	541.470
K	2008.859	±	148.071
Al	1028.672	±	463.276
P	4783.021	±	131.584
Si	5648.898	±	314.228
Cl	1236.595	±	31.749
S	8466.426	±	109.952
Mg	< LOD	:	8130.339

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Reading No 3
Mode Mining
Time 2014-02-25 09:58
Duration 121.97
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 139
OBJEKT TAFELGEMAELEN
MATERIAL HOLZ FASSUNG METALL
ANALYSESTELLE P3 NIMBUS
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	97.788
La	< LOD	:	44.733
Ba	< LOD	:	48.257
Sb	< LOD	:	16.573
Sn	83.668	±	8.491
Cd	23.873	±	5.012
Ag	241.978	±	8.301
Bal	902913.313	±	533.859
Nb	13.704	±	5.182
Zr	< LOD	:	34.385
Y	< LOD	:	6.104
Sr	119.256	±	3.762
Rb	16.342	±	8.918
Th	< LOD	:	404.173
Bi	< LOD	:	427.491
Au	2694.462	±	48.811
As	1523.584	±	49.617
Se	< LOD	:	10.984
Pb	4562.175	±	56.133
Hg	< LOD	:	8.716
Zn	68.411	±	12.314
Cu	1469.760	±	37.177
Ni	< LOD	:	31.282
Co	< LOD	:	33.909
Fe	1508.332	±	65.947
Mn	< LOD	:	68.850
Cr	73.091	±	15.714
V	< LOD	:	17.051
Ti	< LOD	:	142.253
Ca	47062.754	±	460.714
K	815.375	±	107.001
Al	< LOD	:	814.121
P	22733.609	±	291.645
Si	1586.488	±	295.135
Cl	873.807	±	26.719
S	11616.029	±	134.882
Mg	< LOD	:	6774.600

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Reading No 4
Mode Mining
Time 2014-02-25 10:01
Duration 120.67
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 139
OBJEKT TAFELGEMAELEN
MATERIAL HOLZ FASSUNG METALL
ANALYSESTELLE P4 NIMBUS
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	110.426
La	< LOD	:	50.685
Ba	< LOD	:	54.243
Sb	< LOD	:	19.959
Sn	121.617	±	11.027
Cd	20.233	±	5.512
Ag	436.191	±	12.726
Bal	883147.813	±	678.420
Nb	15.600	±	6.695
Zr	< LOD	:	41.261
Y	< LOD	:	8.201
Sr	130.703	±	4.457
Rb	43.693	±	12.515
Th	< LOD	:	518.395
Bi	< LOD	:	552.178
Au	7764.835	±	103.955
As	1998.453	±	60.506
Se	< LOD	:	16.956
Pb	5876.210	±	74.822
Hg	< LOD	:	13.389
Zn	151.872	±	19.241
Cu	2025.687	±	47.111
Ni	< LOD	:	35.789
Co	< LOD	:	41.292
Fe	1954.802	±	77.984
Mn	< LOD	:	73.988
Cr	110.574	±	20.402
V	< LOD	:	27.370
Ti	< LOD	:	180.883
Ca	45759.930	±	493.902
K	1810.086	±	149.337
Al	1142.790	±	540.181
P	28433.850	±	367.091
Si	3329.661	±	374.158
Cl	1453.111	±	36.273
S	14256.579	±	171.288
Mg	< LOD	:	8775.341

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Reading No 5
Mode Mining
Time 2014-02-25 10:05
Duration 121.19
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 139
OBJEKT TAFELGEMAELEN
MATERIAL HOLZ FASSUNG METALL
ANALYSESTELLE P5 ROST
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	104.855
La	< LOD	:	47.997
Ba	< LOD	:	51.843
Sb	< LOD	:	19.213
Sn	79.215	±	10.472
Cd	23.086	±	5.394
Ag	624.454	±	14.715
Bal	886844.500	±	643.611
Nb	27.770	±	7.765
Zr	< LOD	:	52.875
Y	< LOD	:	9.651
Sr	102.189	±	3.826
Rb	< LOD	:	20.743
Th	< LOD	:	607.371
Bi	< LOD	:	655.821
Au	< LOD	:	17.461
As	3060.812	±	79.405
Se	< LOD	:	11.694
Pb	9793.789	±	118.934
Hg	< LOD	:	10.054
Zn	80.516	±	10.277
Cu	2784.161	±	58.115
Ni	< LOD	:	35.234
Co	< LOD	:	39.175
Fe	1770.264	±	74.232
Mn	< LOD	:	73.983
Cr	< LOD	:	37.610
V	< LOD	:	25.311
Ti	< LOD	:	154.134
Ca	56536.301	±	641.312
K	1651.494	±	172.095
Al	2204.747	±	674.806
P	1083.789	±	136.421
Si	9447.091	±	453.036
Cl	1800.801	±	45.840
S	22076.914	±	274.981
Mg	< LOD	:	10436.592

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Reading No 6
Mode Mining
Time 2014-02-25 10:11
Duration 121.70
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 139
OBJEKT TAFELGEMAELENDE
MATERIAL HOLZ FASSUNG METALL
ANALYSESTELLE P6 BROKAT 1
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	212.091
La	< LOD	:	97.037
Ba	< LOD	:	103.093
Sb	< LOD	:	39.218
Sn	176.767	±	16.845
Cd	< LOD	:	19.202
Ag	12.818	±	6.256
Bal	820166.625	±	1671.394
Nb	99.330	±	32.548
Zr	< LOD	:	158.785
Y	< LOD	:	40.838
Sr	71.395	±	7.729
Rb	< LOD	:	79.235
Th	< LOD	:	2175.539
Bi	< LOD	:	2276.764
Au	< LOD	:	50.536
As	7954.833	±	266.479
Se	< LOD	:	35.749
Pb	51380.102	±	895.133
Hg	< LOD	:	29.422
Zn	96.358	±	13.888
Cu	359.017	±	32.267
Ni	< LOD	:	73.347
Co	< LOD	:	221.011
Fe	56904.965	±	978.164
Mn	126.054	±	79.970
Cr	78.304	±	30.585
V	< LOD	:	55.590
Ti	< LOD	:	182.438
Ca	15379.850	±	336.448
K	2316.173	±	193.640
Al	4976.161	±	677.898
P	1895.817	±	113.477
Si	9503.842	±	387.635
Cl	1684.529	±	43.407
S	18433.070	±	326.973
Mg	< LOD	:	9900.729

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Reading No 7
Mode Mining
Time 2014-02-25 10:15
Duration 120.32
Units ppm
Sigma Value 2
Sequence Final
Flags
INV NR GNM GM 139
OBJEKT TAFELGEMAELEN
MATERIAL HOLZ FASSUNG METALL
ANALYSESTELLE P7 BROKAT 2
MESSAUFBAU STATIV ANLIEGEND
FILTER m30lo30hi30li30
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	164.697
La	< LOD	:	75.525
Ba	< LOD	:	80.272
Sb	30.434	±	18.924
Sn	118.669	±	12.352
Cd	< LOD	:	10.525
Ag	11.955	±	4.933
Bal	895375.125	±	847.061
Nb	59.025	±	22.211
Zr	< LOD	:	110.166
Y	< LOD	:	27.503
Sr	107.841	±	6.401
Rb	< LOD	:	55.477
Th	< LOD	:	1531.297
Bi	< LOD	:	1299.112
Au	< LOD	:	36.373
As	7848.981	±	200.564
Se	< LOD	:	19.755
Pb	35348.012	±	533.829
Hg	< LOD	:	20.594
Zn	89.019	±	10.432
Cu	191.902	±	21.672
Ni	< LOD	:	47.484
Co	< LOD	:	70.851
Fe	5279.042	±	163.457
Mn	< LOD	:	100.141
Cr	< LOD	:	31.347
V	< LOD	:	30.013
Ti	< LOD	:	125.580
Ca	19120.400	±	352.184
K	2799.207	±	164.473
Al	2802.244	±	522.975
P	956.160	±	100.182
Si	9588.203	±	378.682
Cl	1642.372	±	41.407
S	18514.801	±	314.444
Mg	< LOD	:	13328.533

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