

Institut für Kunsttechnik und Konservierung  
Kornmarkt 1  
90402 Nürnberg

### Certificate of Verification

XL3t-69288

Reading No 7  
Mode Mining  
Time 2014-03-11 10:16  
Duration 120.11  
Units ppm  
Sigma Value 2  
Sequence Final  
Flags  
INV NR GNM GM 137  
OBJEKT TAFELGEMAELENDE  
MATERIAL HOLZ METALL FASSUNG  
ANALYSESTELLE P1 GLOCKE  
MESSAUFBAU STATIV ANLIEGEND  
FILTER m30lo30hi30li30  
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	117.174
La	< LOD	:	53.512
Ba	477.139	±	44.166
Sb	< LOD	:	23.087
Sn	31.853	±	9.192
Cd	16.593	±	5.530
Ag	389.943	±	11.573
Bal	919090.438	±	507.633
Nb	21.672	±	9.276
Zr	< LOD	:	49.382
Y	< LOD	:	11.601
Sr	199.093	±	5.696
Rb	< LOD	:	25.511
Th	< LOD	:	716.547
Bi	< LOD	:	735.646
Au	550.308	±	27.865
As	3033.651	±	89.580
Se	< LOD	:	15.517
Pb	12061.481	±	154.603
Hg	< LOD	:	12.517
Zn	60.126	±	10.249
Cu	1057.767	±	35.387
Ni	< LOD	:	36.496
Co	< LOD	:	35.511
Fe	644.229	±	58.973
Mn	< LOD	:	205.909
Cr	< LOD	:	42.009
V	< LOD	:	176.983
Ti	< LOD	:	1033.737
Ca	29230.420	±	408.650
K	1629.761	±	152.751
Al	1969.278	±	494.347
P	4905.565	±	148.720
Si	6938.322	±	347.352
Cl	1566.409	±	38.525
S	16094.950	±	233.551
Mg	< LOD	:	7782.907

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### Certificate of Verification

XL3t-69288

Reading No 8  
Mode Mining  
Time 2014-03-11 10:20  
Duration 120.33  
Units ppm  
Sigma Value 2  
Sequence Final  
Flags  
INV NR GNM GM 137  
OBJEKT TAFELGEMAELEN  
MATERIAL HOLZ METALL FASSUNG  
ANALYSESTELLE P2 KREUZ  
MESSAUFBAU STATIV ANLIEGEND  
FILTER m30lo30hi30li30  
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	93.343
La	< LOD	:	42.775
Ba	< LOD	:	45.958
Sb	< LOD	:	22.726
Sn	54.777	±	7.647
Cd	19.834	±	4.619
Ag	278.012	±	8.351
Bal	920843.813	±	457.644
Nb	18.016	±	7.340
Zr	< LOD	:	40.730
Y	< LOD	:	8.939
Sr	102.577	±	3.778
Rb	< LOD	:	22.382
Th	< LOD	:	575.166
Bi	< LOD	:	586.339
Au	786.247	±	28.695
As	2720.457	±	72.858
Se	< LOD	:	11.189
Pb	8943.059	±	107.095
Hg	< LOD	:	11.493
Zn	54.313	±	9.899
Cu	1495.615	±	39.143
Ni	< LOD	:	31.840
Co	< LOD	:	29.740
Fe	680.485	±	51.038
Mn	< LOD	:	73.125
Cr	35.375	±	14.657
V	< LOD	:	22.826
Ti	< LOD	:	119.771
Ca	28916.531	±	362.638
K	1543.723	±	135.854
Al	999.100	±	412.405
P	10923.646	±	200.378
Si	4988.135	±	303.889
Cl	1498.279	±	33.610
S	15098.062	±	193.753
Mg	< LOD	:	6709.434

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### Certificate of Verification

XL3t-69288

Reading No 9  
Mode Mining  
Time 2014-03-11 10:23  
Duration 120.94  
Units ppm  
Sigma Value 2  
Sequence Final  
Flags  
INV NR GNM GM 137  
OBJEKT TAFELGEMAELEN  
MATERIAL HOLZ METALL FASSUNG  
ANALYSESTELLE P3 BORTE  
MESSAUFBAU STATIV ANLIEGEND  
FILTER m30lo30hi30li30  
User Login Raquet



	ppm	±	Error
Ce	< LOD	:	109.165
La	< LOD	:	49.984
Ba	< LOD	:	53.755
Sb	28.836	±	13.176
Sn	158.809	±	10.543
Cd	14.837	±	5.131
Ag	367.549	±	10.584
Bal	921959.375	±	497.103
Nb	19.118	±	9.311
Zr	< LOD	:	53.535
Y	< LOD	:	11.528
Sr	88.270	±	4.050
Rb	< LOD	:	27.447
Th	< LOD	:	722.853
Bi	< LOD	:	772.594
Au	670.731	±	30.829
As	3416.505	±	92.785
Se	< LOD	:	17.648
Pb	11588.474	±	151.242
Hg	< LOD	:	14.053
Zn	63.485	±	14.783
Cu	10062.787	±	157.438
Ni	< LOD	:	36.420
Co	< LOD	:	34.053
Fe	840.519	±	57.451
Mn	< LOD	:	74.777
Cr	< LOD	:	21.277
V	< LOD	:	18.836
Ti	< LOD	:	100.106
Ca	16654.580	±	254.749
K	1428.735	±	134.239
Al	1484.253	±	391.743
P	7856.140	±	164.122
Si	8000.887	±	322.383
Cl	1598.183	±	34.044
S	13679.058	±	193.989
Mg	< LOD	:	5697.956

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### Certificate of Verification

XL3t-69288

Reading No 10  
Mode Mining  
Time 2014-03-11 10:27  
Duration 120.35  
Units ppm  
Sigma Value 2  
Sequence Final  
Flags  
INV NR GNM GM 137  
OBJEKT TAFELGEMAELEN  
MATERIAL HOLZ METALL FASSUNG  
ANALYSESTELLE P4 PRESSBROKAT  
MESSAUFBAU STATIV ANLIEGEND  
FILTER m30lo30hi30li30  
User Login Raquet



	ppm	±	Error
Ce	1507.793	±	495.831
La	698.877	±	222.162
Ba	557.445	±	231.922
Sb	< LOD	:	100.674
Sn	58867.129	±	1580.819
Cd	86.348	±	38.558
Ag	780.696	±	46.602
Bal	730288.688	±	5111.694
Nb	246.551	±	86.151
Zr	< LOD	:	379.296
Y	< LOD	:	102.683
Sr	< LOD	:	22.384
Rb	< LOD	:	207.350
Th	< LOD	:	4893.266
Bi	< LOD	:	3899.614
Au	7930.757	±	253.334
As	6015.445	±	465.865
Se	< LOD	:	52.078
Pb	116392.234	±	2750.980
Hg	< LOD	:	69.104
Zn	250.481	±	43.706
Cu	7425.540	±	222.482
Ni	< LOD	:	124.737
Co	< LOD	:	136.752
Fe	1065.750	±	140.684
Mn	< LOD	:	300.351
Cr	101.213	±	45.646
V	< LOD	:	90.476
Ti	< LOD	:	447.955
Ca	11764.018	±	515.828
K	3447.813	±	397.994
Al	2930.610	±	1026.706
P	21176.881	±	550.983
Si	8976.982	±	545.037
Cl	1928.125	±	69.210
S	17101.877	±	417.107
Mg	< LOD	:	19722.670

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### Certificate of Verification

XL3t-69288

Reading No 11  
Mode Mining  
Time 2014-03-11 10:32  
Duration 121.42  
Units ppm  
Sigma Value 2  
Sequence Final  
Flags  
INV NR GNM GM 137  
OBJEKT TAFELGEMAELEN  
MATERIAL HOLZ METALL FASSUNG  
ANALYSESTELLE P5 PRESSBROKAT 2  
MESSAUFBAU STATIV ANLIEGEND  
FILTER m30lo30hi30li30  
User Login Raquet



	ppm	±	Error
Ce	485.384	±	297.101
La	337.658	±	134.445
Ba	267.286	±	141.273
Sb	< LOD	:	62.637
Sn	42309.074	±	866.334
Cd	346.443	±	29.131
Ag	1026.351	±	37.796
Bal	745548.625	±	3222.704
Nb	85.370	±	44.903
Zr	< LOD	:	213.938
Y	< LOD	:	55.871
Sr	45.332	±	10.547
Rb	< LOD	:	118.854
Th	< LOD	:	3144.919
Bi	< LOD	:	2284.571
Au	2085.750	±	94.927
As	< LOD	:	426.798
Se	< LOD	:	35.732
Pb	59885.664	±	1224.475
Hg	206.798	±	28.141
Zn	128.863	±	30.711
Cu	7037.458	±	202.740
Ni	< LOD	:	102.522
Co	< LOD	:	111.574
Fe	5500.197	±	238.908
Mn	< LOD	:	269.252
Cr	86.795	±	29.565
V	< LOD	:	56.838
Ti	< LOD	:	221.916
Ca	66539.578	±	1307.569
K	5212.663	±	381.744
Al	10055.600	±	1290.620
P	10513.525	±	312.121
Si	23481.951	±	841.062
Cl	948.491	±	47.726
S	17525.027	±	384.227
Mg	< LOD	:	16251.418

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