

## Least Squares Fit Report File

Report Generated: Fri Feb 23 11:06:42 2001

Active Design File: U:\Projekte\LWN\_Amt\_Seftigen\scannen\Rüti\_882\ruetbaa.dgn

Active Raster File: u:\projekte\lwn\_amt\_seftigen\scannen\rüti\_882\22\_s.cit

Transformation Type: Affine

Order: 1

$$x' = a_0 + a_1 x + a_2 y + a_3 x^2 + a_4 xy + a_5 y^2 + \dots$$

$$y' = b_0 + b_1 x + b_2 y + b_3 x^2 + b_4 xy + b_5 y^2 + \dots$$

where

x and y are coordinates in the input raster file and

x' and y' are the output coordinates in uors

i	Coefficients	
	a <sub>i</sub>	b <sub>i</sub>
0	5.998362e+008	1.806683e+008
1	-8.466491e+001	2.546742e+004
2	2.534578e+004	7.747723e+001

## Review Statistics

```

Degree of Freedom:          24
RMS of Residual Norms:      2.442641e-001
Std. Dev. of Residual Norms : 1.002747e-001
Standard Error:             3.941795e-002

```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	2.201366e-001	1.750789e-001	2.812699e-001
2	3.858660e-001	2.530251e-001	4.614263e-001
3	-1.487185e-001	7.936910e-002	1.685724e-001
4	2.164985e-001	-3.611098e-002	2.194894e-001
5	4.598837e-002	1.869649e-001	1.925378e-001
6	-1.871312e-001	-1.436728e-001	2.359237e-001
7	-2.171604e-001	-1.999972e-002	2.180794e-001
8	2.735081e-001	9.865778e-002	2.907577e-001
9	-1.261483e-001	-2.639601e-001	2.925548e-001
10	-9.603268e-002	-2.548512e-001	2.723442e-001
11	-1.106067e-001	2.721066e-002	1.139046e-001
12	2.685094e-002	-5.752953e-002	6.348717e-002
13	-2.390480e-001	-1.723418e-001	2.946958e-001
14	2.272841e-002	1.752852e-001	1.767526e-001
15	-6.673113e-002	-4.712550e-002	8.169367e-002

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	599873.737000	181262.073000	599873.530000	181262.190000
2	599836.115000	181040.023000	599836.920000	181039.670000
3	600087.263000	180761.285000	600087.750000	180760.980000
4	600646.810000	180694.096000	600646.300000	180695.250000
5	600691.113000	181164.510000	600688.740000	181166.940000
6	600170.413000	181288.436000	600168.870000	181289.190000
7	600249.348000	180718.394000	600249.450000	180718.400000
8	600639.495000	180950.104000	600638.210000	180951.870000
9	600090.922000	180941.775000	600090.820000	180941.490000
10	600187.165000	181167.033000	600186.070000	181167.490000
11	600306.306000	180986.520000	600305.460000	180987.270000
12	600488.564000	181010.193000	600487.260000	181011.460000
13	600376.871000	181207.643000	600374.960000	181208.840000
14	600534.802000	181104.106000	600533.050000	181105.930000
15	600427.617000	180839.721000	600426.960000	180840.480000