

## Least Squares Fit Report File

Report Generated: Fri Feb 23 09:16:02 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\28\_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	6.004531e+008	1.799335e+008
1	-1.542107e+002	5.148139e+004
2	5.116075e+004	1.292002e+002

## Review Statistics

```

Degree of Freedom:      22
RMS of Residual Norms:  6.648088e-001
Std. Dev. of Residual Norms : 2.916988e-001
Standard Error:        1.130676e-001

```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	3.667861e-001	2.159071e-001	4.256147e-001
2	-3.039069e-002	-6.085117e-001	6.092701e-001
3	-8.722371e-001	3.140097e-001	9.270381e-001
4	6.158977e-001	-3.004249e-001	6.852628e-001
5	-2.980210e-001	-1.204724e-001	3.214500e-001
6	8.732649e-001	-2.066059e-001	8.973725e-001
7	-1.110611e+000	2.906612e-001	1.148016e+000
8	-2.366598e-001	6.277556e-001	6.708837e-001
9	1.544267e-001	9.904975e-002	1.834624e-001
10	-4.504076e-001	2.821662e-001	5.314930e-001
11	7.774221e-001	-3.189374e-002	7.780761e-001
12	-3.236835e-001	-5.477687e-001	6.362559e-001
13	-8.026694e-003	-7.424668e-002	7.467929e-002
14	5.422401e-001	6.037453e-002	5.455908e-001

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600639.894000	180949.635000	600638.210000	180951.870000
2	601986.003000	181024.610000	601984.380000	181029.930000
3	601459.219000	181000.194000	601456.560000	181004.940000
4	601003.718000	180958.939000	601002.440000	180961.640000
5	600647.877000	180695.057000	600646.300000	180695.250000
6	601960.885000	180395.546000	601962.050000	180396.940000
7	601343.815000	180648.364000	601341.920000	180650.410000
8	601670.243000	180743.825000	601669.100000	180747.680000
9	601246.623000	180414.139000	601246.650000	180414.160000
10	601777.180000	180083.169000	601777.870000	180082.470000
11	600890.971000	180553.474000	600891.020000	180553.410000
12	601111.429000	180214.908000	601111.510000	180212.590000
13	602114.033000	180871.232000	602112.960000	180876.370000
14	602103.674000	180631.161000	602103.870000	180634.780000