

## Least Squares Fit Report File

Report Generated: Wed Feb 28 15:25:57 2001

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

Active Raster File: u:\projekte\lwn\_amt\_seftigen\scannen\rüti\_882\45\_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

Coefficients		
i	a <sub>i</sub>	b <sub>i</sub>
0	6.002077e+008	1.818021e+008
1	-2.030582e+002	5.116354e+004
2	5.107540e+004	2.088668e+002

## Review Statistics

```

Degree of Freedom:      18
RMS of Residual Norms:  3.872528e-001
Std. Dev. of Residual Norms : 1.936542e-001
Standard Error:         7.452684e-002

```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	9.043666e-002	-8.092225e-002	1.213557e-001
2	-1.767787e-001	3.851206e-001	4.237553e-001
3	-2.062033e-001	2.036160e-001	2.897917e-001
4	2.783628e-001	-2.096435e-001	3.484770e-001
5	8.302786e-002	3.567419e-002	9.036744e-002
6	-2.294097e-001	-1.151078e-001	2.566683e-001
7	1.974900e-001	-1.449120e-001	2.449527e-001
8	-7.280677e-001	3.578172e-001	8.112434e-001
9	5.200164e-001	-2.206107e-001	5.648771e-001
10	1.251666e-001	-2.843512e-001	3.106803e-001
11	-2.825435e-001	7.831157e-003	2.826520e-001
12	3.285025e-001	6.548843e-002	3.349666e-001

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600849.509000	182913.424000	600849.550000	182912.460000
2	600948.412000	182806.285000	600948.590000	182806.030000
3	601047.975000	182713.649000	601048.470000	182713.480000
4	601186.495000	182687.046000	601187.550000	182686.990000
5	601432.962000	182568.232000	601434.240000	182569.250000
6	601500.378000	182464.783000	601501.740000	182465.770000
7	601331.778000	182289.626000	601334.300000	182289.630000
8	601047.525000	182121.978000	601049.850000	182121.070000
9	600844.385000	182326.399000	600847.190000	182324.390000
10	600763.057000	182538.975000	600764.640000	182536.890000
11	600757.194000	182700.134000	600757.730000	182698.560000
12	601159.415000	182205.527000	601162.440000	182204.910000