

## Least Squares Fit Report File

Report Generated: Fri Feb 23 11:50:05 2001

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

Active Raster File: u:\projekte\lwn\_amt\_seftigen\scannen\rüti\_882\l\_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	6.020488e+008	1.822275e+008
1	-5.261135e+001	2.885032e+004
2	2.872256e+004	6.321517e+001

## Review Statistics

```

Degree of Freedom:      24
RMS of Residual Norms:  2.814057e-001
Std. Dev. of Residual Norms : 1.453788e-001
Standard Error:         4.541165e-002

```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.113026e-001	-8.430193e-002	1.396248e-001
2	1.073915e-001	4.355357e-001	4.485803e-001
3	-1.517430e-002	-1.686909e-001	1.693720e-001
4	-2.693032e-001	-3.813536e-001	4.668563e-001
5	-2.686395e-001	1.587554e-002	2.691082e-001
6	-2.639744e-001	9.057823e-002	2.790822e-001
7	4.710572e-001	1.088503e-001	4.834700e-001
8	1.182465e-001	8.201776e-002	1.439067e-001
9	2.379987e-001	1.567700e-001	2.849916e-001
10	-2.195608e-001	1.908963e-003	2.195691e-001
11	-2.594195e-001	-2.267677e-001	3.445606e-001
12	4.326306e-002	-3.133700e-002	5.342003e-002
13	3.623860e-003	-8.961652e-002	8.968976e-002
14	-2.204974e-002	1.927792e-002	2.928872e-002
15	2.252379e-001	7.125320e-002	2.362396e-001

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	602139.410000	182924.019000	602139.470000	182923.680000
2	602188.190000	182930.032000	602188.180000	182930.340000
3	602619.169000	182744.055000	602618.890000	182744.090000
4	602782.072000	182828.719000	602781.200000	182829.180000
5	602869.404000	182705.219000	602868.660000	182705.860000
6	602861.326000	182588.140000	602860.810000	182588.450000
7	602914.271000	182533.616000	602914.530000	182533.880000
8	602874.093000	182481.454000	602874.140000	182481.430000
9	602747.024000	182429.122000	602747.430000	182428.720000
10	602582.622000	182345.007000	602582.910000	182343.810000
11	602337.912000	182343.090000	602338.440000	182341.120000
12	602192.791000	182570.221000	602193.370000	182568.880000
13	602259.368000	182718.980000	602259.560000	182718.220000
14	602493.433000	182448.433000	602493.830000	182447.400000
15	602668.474000	182503.424000	602668.820000	182503.010000