

# Model Report

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Generated on: Wed Nov 10 15:44:19 2010

## Variables

### ✱NUTZUNGSUEBERSICHT\_06\_F (2)

*Data Type:* Feature Layer

*Value:* NUTZUNGSUEBERSICHT\_06\_F

### ✱FR

*Data Type:* Feature Layer

*Value:* NUTZUNGSUEBERSICHT\_06\_F\_Layer1

### ✱FR\_gerastert

*Data Type:* Raster Dataset

*Value:* D:\GIS2\data\scratch1.gdb\Feature\_NUTZ1

### ✱FR\_bewertet

*Data Type:* Raster Dataset

*Value:* D:\GIS2\data\scratch1.gdb\Reclass\_Feat1

### ✱FR\_LW

*Data Type:* Raster Dataset

*Value:* D:\GIS2\data\scratch1.gdb\Reclass\_Recl3

### ✱V25\_GEWAESSER\_L

*Data Type:* Feature Layer

*Value:* V25\_GEWAESSER\_L

### ✱Gewaesser

*Data Type:* Feature Layer

*Value:* V25\_GEWAESSER\_L\_Layer

### ✱Gewaesser\_Raster

*Data Type:* Raster Dataset

*Value:* D:\GIS2\data\scratch1.gdb\Feature\_V25\_3

### ✱Gewaesser\_3

*Data Type:* Raster Dataset

*Value:* D:\GIS2\data\scratch1.gdb\Reclass\_Feat7

### ✱V25\_STRASSEN\_L (2)

*Data Type:* Feature Layer

*Value:* V25\_STRASSEN\_L

### ✱Gute Strassen

*Data Type:* Feature Layer

*Value:* V25\_STRASSEN\_L\_Layer1

### ✱Strassen\_Raster

*Data Type:* Raster Dataset

*Value:* D:\GIS2\data\scratch1.gdb\Feature\_V25\_GS

### ✱Strassen\_100

*Data Type:* Raster Dataset

*Value:* D:\GIS2\data\scratch1.gdb\Reclass\_FeatGS

### ✱V25\_STRASSEN\_L

*Data Type:* Feature Layer

*Value:*V25\_STRASSEN\_L

**✚Autobahn**

*Data Type:*Feature Layer

*Value:*V25\_STRASSEN\_L\_Layer

**✚Autobahn\_Raster**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\Feature\_V25\_A

**✚Autobahn\_2**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_FeatA

**✚V25\_EISENBAHN\_L**

*Data Type:*Feature Layer

*Value:*V25\_EISENBAHN\_L

**✚Eisenbahn**

*Data Type:*Feature Layer

*Value:*V25\_EISENBAHN\_L\_Layer

**✚Eisenbahn\_Raster**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\Feature\_V25\_2

**✚Eisenbahn\_1**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Feat6

**✚Barrieren\_Verbindungen**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\SingleOutput2

**✚HindernisWirkungBarrieren**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Sing1

**✚Output backlink raster (2)**

*Data Type:*Raster Dataset

*Value:*

**✚FR\_FH**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Recl4

**✚Output backlink raster (3)**

*Data Type:*Raster Dataset

*Value:*

**✚FR\_W**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Recl5

**✚Output backlink raster (4)**

*Data Type:*Raster Dataset

*Value:*

**✚FR\_EH**

*Data Type:*Raster Dataset

*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Recl6

**✚Output backlink raster (5)**

*Data Type:*Raster Dataset  
*Value:*

**✱CD\_LW**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\CostDis\_Recl3

**✱CD\_LW\_bewertet**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Cost1

**✱CD\_W**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\CostDis\_Recl5

**✱CD\_W\_bewertet**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Cost2

**✱CD\_EH**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\CostDis\_Recl6

**✱CD\_EH\_bewertet**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Cost3

**✱CD\_FH**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\CostDis\_Recl4

**✱CD\_FH\_bewertet**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Cost4

**✱Zugang\_FR\_bewertet**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\SingleOutput3

**✱NUTZUNGSUEBERSICHT\_06\_F**  
*Data Type:*Feature Layer  
*Value:*NUTZUNGSUEBERSICHT\_06\_F

**✱Siedlungsraum**  
*Data Type:*Feature Layer  
*Value:*NUTZUNGSUEBERSICHT\_06\_F\_Laye

**✱SD\_gerastert**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\Feature\_NUTZ3

**✱SD\_vereinheitlicht**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\Reclass\_Feat5

**✱Zugang\_FR\_bewertet\_nur\_SD**  
*Data Type:*Raster Dataset  
*Value:*D:\GIS2\data\scratch1.gdb\SingleOutput4

## Processes

### ✦ Make Feature Layer (5)


**Tool Name:** Make Feature Layer

**Tool Source:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Layers and Table Views\MakeFeatureLayer




#### ✦ Parameters:

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input Features</b>	Input	Required	Feature Layer	NUTZUNGSUEBERSICHT_06_F
<b>Output Layer</b>	Output	Required	Feature Layer	NUTZUNGSUEBERSICHT_06_F_Laye1
<b>Expression</b>	Input	Optional	SQL Expression	"ZLAB" = 'Landwirtschaftszone nach P36 PBG (ausserhalb Siedl.gebi' OR "ZLAB" = 'Landwirtschaftszone nach P46 PBG (innerhalb Siedl.gebie' OR "ZLAB" = 'Wald' OR "ZLAB" = 'kant. Freihaltezone Erholung D, Fam.Garten, Campingplat' OR "ZLAB" = 'kant. Freihaltezone Naturschutz' OR "ZLAB" = 'kant. Freihaltezone allgemein (P39 PBG)' OR "ZLAB" = 'komm. Erholungszone (P46,61 PBG)' OR "ZLAB" = 'komm. Freihaltezone Erholung A, Allmend (P46,61 PBG)' OR "ZLAB" = 'komm. Freihaltezone Erholung B, Parkanl.,Friedhof u. de' OR "ZLAB" = 'komm. Freihaltezone Erholung C, Festpl., Sportanl., Fre' OR "ZLAB" = 'komm. Freihaltezone Erholung D, Fam.garten, Campingpl.' OR "ZLAB" = 'komm. Freihaltezone Naturschutz (Zone I+II)' OR "ZLAB" = 'komm. Freihaltezone allgemein (P46,61 PBG)'
<b>Workspace or Feature Dataset</b>	Input	Optional	Workspace or Feature Dataset	
<b>Field Info</b>	Input	Optional	Field Info	AREA AREA VISIBLE NONE;PERIMETER PERIMETER VISIBLE NONE;NUTZ_UBES_ NUTZ_UBES_ VISIBLE NONE;NUTZ_UBES1 NUTZ_UBES1 VISIBLE NONE;NZC NZC VISIBLE NONE;AZC AZC VISIBLE NONE;BZO_GEM BZO_GEM VISIBLE NONE;AZ AZ VISIBLE NONE;ZLAB ZLAB VISIBLE NONE;AZC1 AZC1 VISIBLE NONE;BZ BZ VISIBLE NONE;UZ UZ VISIBLE NONE;LSV_ES LSV_ES VISIBLE NONE;ARPS ARPS VISIBLE NONE;GP GP VISIBLE NONE;GPP GPP VISIBLE NONE;NBC NBC VISIBLE NONE;ABC ABC VISIBLE NONE;BJAHR BJAHR VISIBLE NONE;ABZC ABZC VISIBLE NONE;WMIX WMIX VISIBLE NONE;Shape_Length Shape_Length VISIBLE NONE;Shape_Area Shape_Area VISIBLE NONE

#### ✦ Messages:

-  Executing (Make Feature Layer (5)): MakeFeatureLayer  
 NUTZUNGSUEBERSICHT\_06\_F NUTZUNGSUEBERSICHT\_06\_F\_Laye1  
 ""ZLAB" = 'Landwirtschaftszone nach P36 PBG (ausserhalb Siedl.gebi' OR "ZLAB" = 'Landwirtschaftszone nach P46 PBG (innerhalb Siedl.gebie' OR "ZLAB" = 'Wald' OR "ZLAB" = 'kant. Freihaltezone Erholung D, Fam.Garten, Campingplat' OR

"ZLAB" = 'kant. Freihaltezone Naturschutz' OR "ZLAB" = 'kant. Freihaltezone allgemein (P39 PBG)' OR "ZLAB" = 'komm. Erholungszone (P46,61 PBG)' OR "ZLAB" = 'komm. Freihaltezone Erholung A, Allmend (P46,61 PBG)' OR "ZLAB" = 'komm. Freihaltezone Erholung B, Parkanl.,Friedhof u. de' OR "ZLAB" = 'komm. Freihaltezone Erholung C, Festpl., Sportanl., Fre' OR "ZLAB" = 'komm. Freihaltezone Erholung D, Fam.garten, Campingpl.' OR "ZLAB" = 'komm. Freihaltezone Naturschutz (Zone I+II)' OR "ZLAB" = 'komm. Freihaltezone allgemein (P46,61 PBG)" # "AREA AREA VISIBLE NONE;PERIMETER PERIMETER VISIBLE NONE;NUTZ\_UBES\_ NUTZ\_UBES\_ VISIBLE NONE;NUTZ\_UBES1 NUTZ\_UBES1 VISIBLE NONE;NZC NZC VISIBLE NONE;AZC AZC VISIBLE NONE;BZO\_GEM BZO\_GEM VISIBLE NONE;AZ AZ VISIBLE NONE;ZLAB ZLAB VISIBLE NONE;AZC1 AZC1 VISIBLE NONE;BZ BZ VISIBLE NONE;UZ UZ VISIBLE NONE;LSV\_ES LSV\_ES VISIBLE NONE;ARPS ARPS VISIBLE NONE;GP GP VISIBLE NONE;GPP GPP VISIBLE NONE;NBC NBC VISIBLE NONE;ABC ABC VISIBLE NONE;BJAHR BJAHR VISIBLE NONE;ABZC ABZC VISIBLE NONE;WMIX WMIX VISIBLE NONE;Shape\_Length Shape\_Length VISIBLE NONE;Shape\_Area Shape\_Area VISIBLE NONE"

-  Start Time: Thu Nov 04 16:30:45 2010
-  Executed (Make Feature Layer (5)) successfully.
-  End Time: Thu Nov 04 16:30:45 2010 (Elapsed Time: 0.00 seconds)

**✦Feature to Raster**

**Tool Name:**Feature to Raster

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\To Raster\FeatureToRaster

**✦Parameters:**

Name	Direction	Type	Data Type	Value
Input features	Input	Required	Composite Geodataset	NUTZUNGSUEBERSICHT_06_F_Laye1
Field	Input	Required	Field	ZLAB
Output raster	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Feature_NUTZ1
Output cell size	Input	Optional	Analysis cell size	25

**✦Messages:**

-  Executing (Feature to Raster): FeatureToRaster  
NUTZUNGSUEBERSICHT\_06\_F\_Laye1 ZLAB D:\GIS2\data\scratch1.gdb\Feature\_NUTZ1 25
-  Start Time: Thu Nov 04 16:32:01 2010
-  Executed (Feature to Raster) successfully.
-  End Time: Thu Nov 04 16:32:08 2010 (Elapsed Time: 7.00 seconds)

**✦Reclassify**





**Tool Name:**Reclassify

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Reclass\Reclassify

**✦Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Feature_NUTZ1
<b>Reclass field</b>	Input	Required	Field	ZLAB
<b>Reclassification</b>	Input	Required	Remap	'Landwirtschaftszone nach P36 PBG (ausserhalb Siedl.gebi' 60;Wald 90;'komm. Freihaltezone Erholung D, Fam.garten, Campingpl.' 100;'komm. Freihaltezone allgemein (P46,61 PBG)' 100;'Landwirtschaftszone nach P46 PBG (innerhalb Siedl.gebie' 60;'komm. Freihaltezone Erholung B, Parkanl.,Friedhof u. de' 70;'kant. Freihaltezone Naturschutz' 70;'komm. Freihaltezone Erholung C, Festpl., Sportanl., Fre' 70;'komm. Freihaltezone Erholung A, Allmend (P46,61 PBG)' 70;'kant. Freihaltezone allgemein (P39 PBG)' 70;'komm. Erholungszone (P46,61 PBG)' 100;'komm. Freihaltezone Naturschutz (Zone I+II)' 70;'kant. Freihaltezone Erholung D, Fam.Garten, Campingplat' 70
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Feat1
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**Messages:**

-  Executing (Reclassify): Reclassify D:\GIS2\data\scratch1.gdb\Feature\_NUTZ1 ZLAB 'Landwirtschaftszone nach P36 PBG (ausserhalb Siedl.gebi' 60;Wald 90;'komm. Freihaltezone Erholung D, Fam.garten, Campingpl.' 100;'komm. Freihaltezone allgemein (P46,61 PBG)' 100;'Landwirtschaftszone nach P46 PBG (innerhalb Siedl.gebie' 60;'komm. Freihaltezone Erholung B, Parkanl.,Friedhof u. de' 70;'kant. Freihaltezone Naturschutz' 70;'komm. Freihaltezone Erholung C, Festpl., Sportanl., Fre' 70;'komm. Freihaltezone Erholung A, Allmend (P46,61 PBG)' 70;'kant. Freihaltezone allgemein (P39 PBG)' 70;'komm. Erholungszone (P46,61 PBG)' 100;'komm. Freihaltezone Naturschutz (Zone I+II)' 70;'kant. Freihaltezone Erholung D, Fam.Garten, Campingplat' 70 D:\GIS2\data\scratch1.gdb\Reclass\_Feat1 DATA
-  Start Time: Thu Nov 04 16:48:36 2010
-  Executed (Reclassify) successfully.
-  End Time: Thu Nov 04 16:48:42 2010 (Elapsed Time: 6.00 seconds)

**Reclassify (10)**

**Tool Name:**Reclassify





**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\3D Analyst Tools.tbx\Raster Reclass\Reclassify

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Feat1
<b>Reclass field</b>	Input	Required	Field	VALUE

<b>Reclassification</b>	Input	Required	Remap	60 60;60 70 NODATA;70 90 NODATA;90 100 NODATA
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Recl3
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**Messages:**

-  Executing (Reclassify (10)): Reclassify D:\GIS2\data\scratch1.gdb\Reclass\_Feat1 VALUE "60 60;60 70 NODATA;70 90 NODATA;90 100 NODATA" D:\GIS2\data\scratch1.gdb\Reclass\_Recl3 DATA
-  Start Time: Thu Nov 04 18:46:36 2010
-  Executed (Reclassify (10)) successfully.
-  End Time: Thu Nov 04 18:46:41 2010 (Elapsed Time: 5.00 seconds)

**Make Feature Layer (6)**


*Tool Name:* Make Feature Layer

*Tool Source:* C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Layers and Table Views\MakeFeatureLayer




**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input Features</b>	Input	Required	Feature Layer	V25_GEWAESSER_L
<b>Output Layer</b>	Output	Required	Feature Layer	V25_GEWAESSER_L_Layer
<b>Expression</b>	Input	Optional	SQL Expression	"UNTERIRDISCH" <> 'eingedolt' OR "UNTERIRDISCH" <> 'unbestimmt'
<b>Workspace or Feature Dataset</b>	Input	Optional	Workspace or Feature Dataset	
<b>Field Info</b>	Input	Optional	Field Info	OBJECTORIGIN OBJECTORIGIN VISIBLE NONE;OBJECTVAL OBJECTVAL VISIBLE NONE;YEAROFCHANGE YEAROFCHANGE VISIBLE NONE;GEWISSNR GEWISSNR VISIBLE NONE;ABSCHNITT ABSCHNITT VISIBLE NONE;LINST LINST VISIBLE NONE;GWLNR GWLNR VISIBLE NONE;BACHNR BACHNR VISIBLE NONE;NAME NAME VISIBLE NONE;UNTERIRDISCH UNTERIRDISCH VISIBLE NONE;SHAPE_Length SHAPE_Length VISIBLE NONE

**Messages:**

-  Executing (Make Feature Layer (6)): MakeFeatureLayer V25\_GEWAESSER\_L V25\_GEWAESSER\_L\_Layer ""UNTERIRDISCH" <> 'eingedolt' OR "UNTERIRDISCH" <> 'unbestimmt' # "OBJECTORIGIN OBJECTORIGIN VISIBLE NONE;OBJECTVAL OBJECTVAL VISIBLE NONE;YEAROFCHANGE YEAROFCHANGE VISIBLE NONE;GEWISSNR GEWISSNR VISIBLE NONE;ABSCHNITT ABSCHNITT VISIBLE NONE;LINST LINST VISIBLE

NONE;GWLNR GWLNR VISIBLE NONE;BACHNR BACHNR VISIBLE  
 NONE;NAME NAME VISIBLE NONE;UNTERIRDISCH UNTERIRDISCH  
 VISIBLE NONE;SHAPE\_Length SHAPE\_Length VISIBLE NONE"

-  Start Time: Thu Nov 04 18:03:11 2010
-  Executed (Make Feature Layer (6)) successfully.
-  End Time: Thu Nov 04 18:03:11 2010 (Elapsed Time: 0.00 seconds)

**Feature to Raster (6)**





*Tool Name:* Feature to Raster

*Tool Source:* C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\To Raster\FeatureToRaster

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input features</b>	Input	Required	Composite Geodataset	V25_GEWAESSER_L_Layer
<b>Field</b>	Input	Required	Field	OBJECTORIGIN
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Feature_V25_3
<b>Output cell size</b>	Input	Optional	Analysis cell size	25

**Messages:**

-  Executing (Feature to Raster (6)): FeatureToRaster V25\_GEWAESSER\_L\_Layer OBJECTORIGIN D:\GIS2\data\scratch1.gdb\Feature\_V25\_3 25
-  Start Time: Thu Nov 04 18:03:11 2010
-  Executed (Feature to Raster (6)) successfully.
-  End Time: Thu Nov 04 18:03:14 2010 (Elapsed Time: 3.00 seconds)

**Reclassify (8)**


*Tool Name:* Reclassify

*Tool Source:* C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\3D Analyst Tools.tbx\Raster Reclass\Reclassify




**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Feature_V25_3
<b>Reclass field</b>	Input	Required	Field	VALUE
<b>Reclassification</b>	Input	Required	Remap	1 4 3
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Feat7
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**Messages:**

-  Executing (Reclassify (8)): Reclassify D:\GIS2\data\scratch1.gdb\Feature\_V25\_3 VALUE "1 4 3" D:\GIS2\data\scratch1.gdb\Reclass\_Feat7 DATA



-  Start Time: Thu Nov 04 18:03:14 2010
-  Executed (Reclassify (8)) successfully.
-  End Time: Thu Nov 04 18:03:19 2010 (Elapsed Time: 5.00 seconds)

**✚Make Feature Layer (2)**


**Tool Name:**Make Feature Layer




**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Layers and Table Views\MakeFeatureLayer

**✚Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input Features</b>	Input	Required	Feature Layer	V25_STRASSEN_L
<b>Output Layer</b>	Output	Required	Feature Layer	V25_STRASSEN_L_Layer1
<b>Expression</b>	Input	Optional	SQL Expression	"OBJECTVAL" <> 'Autob_Ri' AND "OBJECTVAL" <> 'Autobahn' AND "OBJECTVAL" <> 'Autostr' AND "OBJECTVAL" <> 'Ein_Ausf'
<b>Workspace or Feature Dataset</b>	Input	Optional	Workspace or Feature Dataset	
<b>Field Info</b>	Input	Optional	Field Info	OBJECTORIGIN OBJECTORIGIN VISIBLE NONE;OBJECTVAL OBJECTVAL VISIBLE NONE;YEAROFCHANGE YEAROFCHANGE VISIBLE NONE;BRIDGETYPE BRIDGETYPE VISIBLE NONE;TUNNELTYPE TUNNELTYPE VISIBLE NONE;STRADA_ID STRADA_ID VISIBLE NONE;HIKINGTYPE HIKINGTYPE VISIBLE NONE;SHAPE_Length SHAPE_Length VISIBLE NONE

**✚Messages:**

-  Executing (Make Feature Layer (2)): MakeFeatureLayer V25\_STRASSEN\_L V25\_STRASSEN\_L\_Layer1 ""OBJECTVAL" <> 'Autob\_Ri' AND "OBJECTVAL" <> 'Autobahn' AND "OBJECTVAL" <> 'Autostr' AND "OBJECTVAL" <> 'Ein\_Ausf"' # "OBJECTORIGIN OBJECTORIGIN VISIBLE NONE;OBJECTVAL OBJECTVAL VISIBLE NONE;YEAROFCHANGE YEAROFCHANGE VISIBLE NONE;BRIDGETYPE BRIDGETYPE VISIBLE NONE;TUNNELTYPE TUNNELTYPE VISIBLE NONE;STRADA\_ID STRADA\_ID VISIBLE NONE;HIKINGTYPE HIKINGTYPE VISIBLE NONE;SHAPE\_Length SHAPE\_Length VISIBLE NONE"

-  Start Time: Thu Nov 04 17:56:04 2010
-  Executed (Make Feature Layer (2)) successfully.
-  End Time: Thu Nov 04 17:56:04 2010 (Elapsed Time: 0.00 seconds)

**✚Feature to Raster (4)**





**Tool Name:**Feature to Raster

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\To Raster\FeatureToRaster

#### Parameters:

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input features</b>	Input	Required	Composite Geodataset	V25_STRASSEN_L_Layer1
<b>Field</b>	Input	Required	Field	OBJECTORIGIN
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Feature_V25_GS
<b>Output cell size</b>	Input	Optional	Analysis cell size	25

#### Messages:

-  Executing (Feature to Raster (4)): FeatureToRaster V25\_STRASSEN\_L\_Layer1 OBJECTORIGIN D:\GIS2\data\scratch1.gdb\Feature\_V25\_GS 25
-  Start Time: Thu Nov 04 17:56:04 2010
-  Executed (Feature to Raster (4)) successfully.
-  End Time: Thu Nov 04 17:56:10 2010 (Elapsed Time: 6.00 seconds)

#### Reclassify (5)





*Tool Name:* Reclassify

*Tool Source:* C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Reclass\Reclassify

#### Parameters:

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Feature_V25_GS
<b>Reclass field</b>	Input	Required	Field	VALUE
<b>Reclassification</b>	Input	Required	Remap	1 3 100
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_FeatGS
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

#### Messages:

-  Executing (Reclassify (5)): Reclassify D:\GIS2\data\scratch1.gdb\Feature\_V25\_GS VALUE "1 3 100" D:\GIS2\data\scratch1.gdb\Reclass\_FeatGS DATA
-  Start Time: Thu Nov 04 17:56:10 2010
-  Executed (Reclassify (5)) successfully.
-  End Time: Thu Nov 04 17:56:16 2010 (Elapsed Time: 6.00 seconds)

#### Make Feature Layer

*Tool Name:* Make Feature Layer


*Tool Source:* C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Layers and Table Views\MakeFeatureLayer

#### Parameters:

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>


<b>Input Features</b>	Input	Required	Feature Layer	V25_STRASSEN_L
<b>Output Layer</b>	Output	Required	Feature Layer	V25_STRASSEN_L_Layer
<b>Expression</b>	Input	Optional	SQL Expression	"OBJECTVAL" = 'Autobahn' OR "OBJECTVAL" = 'Autob_Ri' OR "OBJECTVAL" = 'Autostr' OR "OBJECTVAL" = 'Ein_Ausf'
<b>Workspace or Feature Dataset</b>	Input	Optional	Workspace or Feature Dataset	
<b>Field Info</b>	Input	Optional	Field Info	OBJECTORIGIN OBJECTORIGIN VISIBLE NONE;OBJECTVAL OBJECTVAL VISIBLE NONE;YEAROFCHANGE YEAROFCHANGE VISIBLE NONE;BRIDGETYPE BRIDGETYPE VISIBLE NONE;TUNNELTYPE TUNNELTYPE VISIBLE NONE;STRADA_ID STRADA_ID VISIBLE NONE;HIKINGTYPE HIKINGTYPE VISIBLE NONE;SHAPE_Length SHAPE_Length VISIBLE NONE

**Messages:**

 Executing (Make Feature Layer): MakeFeatureLayer V25\_STRASSEN\_L V25\_STRASSEN\_L\_Layer ""OBJECTVAL" = 'Autobahn' OR "OBJECTVAL" = 'Autob\_Ri' OR "OBJECTVAL" = 'Autostr' OR "OBJECTVAL" = 'Ein\_Ausf' # "OBJECTORIGIN OBJECTORIGIN VISIBLE NONE;OBJECTVAL OBJECTVAL VISIBLE NONE;YEAROFCHANGE YEAROFCHANGE VISIBLE NONE;BRIDGETYPE BRIDGETYPE VISIBLE NONE;TUNNELTYPE TUNNELTYPE VISIBLE NONE;STRADA\_ID STRADA\_ID VISIBLE NONE;HIKINGTYPE HIKINGTYPE VISIBLE NONE;SHAPE\_Length SHAPE\_Length VISIBLE NONE"

 Start Time: Thu Nov 04 17:57:29 2010

 Executed (Make Feature Layer) successfully.

 End Time: Thu Nov 04 17:57:29 2010 (Elapsed Time: 0.00 seconds)

**Feature to Raster (3)**

**Tool Name:** Feature to Raster

**Tool Source:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\To Raster\FeatureToRaster

**Parameters:**


<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input features</b>	Input	Required	Composite Geodataset	V25_STRASSEN_L_Layer
<b>Field</b>	Input	Required	Field	OBJECTORIGIN
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Feature_V25_A
<b>Output cell size</b>	Input	Optional	Analysis cell size	25

**Messages:**

 Executing (Feature to Raster (3)): FeatureToRaster V25\_STRASSEN\_L\_Layer  
OBJECTORIGIN D:\GIS2\data\scratch1.gdb\Feature\_V25\_A 25

 Start Time: Thu Nov 04 17:57:29 2010

 Executed (Feature to Raster (3)) successfully.

 End Time: Thu Nov 04 17:57:32 2010 (Elapsed Time: 3.00 seconds)

**✳Reclassify (4)**


*Tool Name:*Reclassify

*Tool Source:*C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Reclass\Reclassify


**✳Parameters:**


<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Feature_V25_A
<b>Reclass field</b>	Input	Required	Field	VALUE
<b>Reclassification</b>	Input	Required	Remap	1 3 2
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_FeatA
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**✳Messages:**

 Executing (Reclassify (4)): Reclassify D:\GIS2\data\scratch1.gdb\Feature\_V25\_A  
VALUE "1 3 2" D:\GIS2\data\scratch1.gdb\Reclass\_FeatA DATA

 Start Time: Thu Nov 04 17:57:32 2010

 Executed (Reclassify (4)) successfully.

 End Time: Thu Nov 04 17:57:36 2010 (Elapsed Time: 4.00 seconds)

**✳Make Feature Layer (3)**

*Tool Name:*Make Feature Layer

*Tool Source:*C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Layers and Table Views\MakeFeatureLayer

**✳Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input Features</b>	Input	Required	Feature Layer	V25_EISENBAHN_L
<b>Output Layer</b>	Output	Required	Feature Layer	V25_EISENBAHN_L_Layer
<b>Expression</b>	Input	Optional	SQL Expression	"TUNNELTYPE" = ''
<b>Workspace or Feature Dataset</b>	Input	Optional	Workspace or Feature Dataset	
<b>Field Info</b>	Input	Optional	Field Info	OBJECTORIGIN OBJECTORIGIN VISIBLE NONE;OBJECTVAL OBJECTVAL VISIBLE NONE;YEAROFCHANGE YEAROFCHANGE

				VISIBLE NONE;BRIDGETYPE BRIDGETYPE VISIBLE NONE;TUNNELTYPE TUNNELTYPE VISIBLE NONE;SHAPE_Length SHAPE_Length VISIBLE NONE
--	--	--	--	--

**Messages:**

Executing (Make Feature Layer (3)): MakeFeatureLayer V25\_EISENBAHN\_L V25\_EISENBAHN\_L\_Layer ""TUNNELTYPE" = ' ' # "OBJECTORIGIN OBJECTORIGIN VISIBLE NONE;OBJECTVAL OBJECTVAL VISIBLE NONE;YEAROFCHANGE YEAROFCHANGE VISIBLE NONE;BRIDGETYPE BRIDGETYPE VISIBLE NONE;TUNNELTYPE TUNNELTYPE VISIBLE NONE;SHAPE\_Length SHAPE\_Length VISIBLE NONE"

Start Time: Thu Nov 04 17:47:09 2010

Executed (Make Feature Layer (3)) successfully.

End Time: Thu Nov 04 17:47:09 2010 (Elapsed Time: 0.00 seconds)

**Feature to Raster (5)**

**Tool Name:**Feature to Raster

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\To Raster\FeatureToRaster

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input features</b>	Input	Required	Composite Geodataset	V25_EISENBAHN_L_Layer
<b>Field</b>	Input	Required	Field	OBJECTORIGIN
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Feature_V25_2
<b>Output cell size</b>	Input	Optional	Analysis cell size	25

**Messages:**

Executing (Feature to Raster (5)): FeatureToRaster V25\_EISENBAHN\_L\_Layer OBJECTORIGIN D:\GIS2\data\scratch1.gdb\Feature\_V25\_2 25

Start Time: Thu Nov 04 17:47:12 2010

Executed (Feature to Raster (5)) successfully.

End Time: Thu Nov 04 17:47:15 2010 (Elapsed Time: 3.00 seconds)

**Reclassify (7)**

**Tool Name:**Reclassify





**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\3D Analyst Tools.tbx\Raster Reclass\Reclassify

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Feature_V25_2
<b>Reclass field</b>	Input	Required	Field	VALUE

<b>Reclassification</b>	Input	Required	Remap	1 1
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Feat6
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**Messages:**

-  Executing (Reclassify (7)): Reclassify D:\GIS2\data\scratch1.gdb\Feature\_V25\_2 VALUE "1 1" D:\GIS2\data\scratch1.gdb\Reclass\_Feat6 DATA
-  Start Time: Thu Nov 04 17:47:18 2010
-  Executed (Reclassify (7)) successfully.
-  End Time: Thu Nov 04 17:47:22 2010 (Elapsed Time: 4.00 seconds)

**Single Output Map Algebra (2)**





*Tool Name:* Single Output Map Algebra

*Tool Source:* C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Map Algebra\SingleOutputMapAlgebra

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Map Algebra expression</b>	Input	Required	MapAlgebra Expression	Merge (Strassen_100,Gewaesser_3,Autobahn_2,Eisenbahn_1)
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\SingleOutput2
<b>Input raster or feature data</b>	Input	Optional	Multiple Value	D:\GIS2\data\scratch1.gdb\Reclass_Feat7;D:\GIS2\data\scratch1.gdb\Reclass_FeatGS;D:\GIS2\data\scratch1.gdb\Reclass_FeatA;D:\GIS2\data\scratch1.gdb\Reclass_Feat6

**Messages:**

-  Executing (Single Output Map Algebra (2)): SingleOutputMapAlgebra Merge (Strassen\_100,Gewaesser\_3,Autobahn\_2,Eisenbahn\_1) D:\GIS2\data\scratch1.gdb\SingleOutput2 D:\GIS2\data\scratch1.gdb\Reclass\_Feat7;D:\GIS2\data\scratch1.gdb\Reclass\_FeatGS;D:\GIS2\data\scratch1.gdb\Reclass\_FeatA;D:\GIS2\data\scratch1.gdb\Reclass\_Feat6
-  Start Time: Thu Nov 04 18:33:20 2010
-  Executed (Single Output Map Algebra (2)) successfully.
-  End Time: Thu Nov 04 18:33:27 2010 (Elapsed Time: 7.00 seconds)

**Reclassify (9)**

*Tool Name:* Reclassify





*Tool Source:* C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\3D Analyst Tools.tbx\Raster Reclass\Reclassify

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\SingleOutput2

<b>Reclass field</b>	Input	Required	Field	VALUE
<b>Reclassification</b>	Input	Required	Remap	1 NODATA;2 NODATA;3 NODATA;100 1;NODATA 10
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Sing1
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**Messages:**

-  Executing (Reclassify (9)): Reclassify D:\GIS2\data\scratch1.gdb\SingleOutput2 VALUE "1 NODATA;2 NODATA;3 NODATA;100 1;NODATA 10" D:\GIS2\data\scratch1.gdb\Reclass\_Sing1 DATA
-  Start Time: Thu Nov 04 18:33:28 2010
-  Executed (Reclassify (9)) successfully.
-  End Time: Thu Nov 04 18:33:34 2010 (Elapsed Time: 6.00 seconds)

**Cost Distance (2)**





**Tool Name:**Cost Distance

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Distance\CostDistance

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster or feature source data</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Recl3
<b>Input cost raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Sing1
<b>Output distance raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\CostDis_Recl3
<b>Maximum distance</b>	Input	Optional	Double	
<b>Output backlink raster</b>	Output	Optional	Raster Dataset	

**Messages:**

-  Executing (Cost Distance (2)): CostDistance D:\GIS2\data\scratch1.gdb\Reclass\_Recl3 D:\GIS2\data\scratch1.gdb\Reclass\_Sing1 D:\GIS2\data\scratch1.gdb\CostDis\_Recl3 # #
-  Start Time: Mon Nov 08 15:48:36 2010
-  Executed (Cost Distance (2)) successfully.
-  End Time: Mon Nov 08 15:48:42 2010 (Elapsed Time: 6.00 seconds)

**Reclassify (11)**

**Tool Name:**Reclassify





**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\3D Analyst Tools.tbx\Raster Reclass\Reclassify

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>

<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Feat1
<b>Reclass field</b>	Input	Required	Field	VALUE
<b>Reclassification</b>	Input	Required	Remap	60 68 NODATA;68 76 70;76 84 NODATA;84 92 NODATA;92 100 NODATA
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Recl4
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**Messages:**

-  Executing (Reclassify (11)): Reclassify D:\GIS2\data\scratch1.gdb\Reclass\_Feat1 VALUE "60 68 NODATA;68 76 70;76 84 NODATA;84 92 NODATA;92 100 NODATA" D:\GIS2\data\scratch1.gdb\Reclass\_Recl4 DATA
-  Start Time: Thu Nov 04 18:51:21 2010
-  Executed (Reclassify (11)) successfully.
-  End Time: Thu Nov 04 18:51:26 2010 (Elapsed Time: 5.00 seconds)

**Cost Distance (3)**





**Tool Name:**Cost Distance

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Distance\CostDistance

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster or feature source data</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Recl4
<b>Input cost raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Sing1
<b>Output distance raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\CostDis_Recl4
<b>Maximum distance</b>	Input	Optional	Double	
<b>Output backlink raster</b>	Output	Optional	Raster Dataset	

**Messages:**

-  Executing (Cost Distance (3)): CostDistance D:\GIS2\data\scratch1.gdb\Reclass\_Recl4 D:\GIS2\data\scratch1.gdb\Reclass\_Sing1 D:\GIS2\data\scratch1.gdb\CostDis\_Recl4 # #
-  Start Time: Thu Nov 04 18:51:26 2010
-  Executed (Cost Distance (3)) successfully.
-  End Time: Thu Nov 04 18:51:32 2010 (Elapsed Time: 6.00 seconds)

**Reclassify (12)**

**Tool Name:**Reclassify

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\3D Analyst Tools.tbx\Raster







Reclass\Reclassify

✦Parameters:

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Feat1
<b>Reclass field</b>	Input	Required	Field	VALUE
<b>Reclassification</b>	Input	Required	Remap	60 68 NODATA;68 76 NODATA;76 84 NODATA;84 92 90;92 100 NODATA
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Recl5
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

✦Messages:

-  Executing (Reclassify (12)): Reclassify D:\GIS2\data\scratch1.gdb\Reclass\_Feat1 VALUE "60 68 NODATA;68 76 NODATA;76 84 NODATA;84 92 90;92 100 NODATA" D:\GIS2\data\scratch1.gdb\Reclass\_Recl5 DATA
-  Start Time: Thu Nov 04 18:49:38 2010
-  Executed (Reclassify (12)) successfully.
-  End Time: Thu Nov 04 18:49:44 2010 (Elapsed Time: 6.00 seconds)

✦Cost Distance (4)





*Tool Name:* Cost Distance

*Tool Source:* C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Distance\CostDistance

✦Parameters:

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster or feature source data</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Recl5
<b>Input cost raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Sing1
<b>Output distance raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\CostDis_Recl5
<b>Maximum distance</b>	Input	Optional	Double	
<b>Output backlink raster</b>	Output	Optional	Raster Dataset	

✦Messages:

-  Executing (Cost Distance (4)): CostDistance D:\GIS2\data\scratch1.gdb\Reclass\_Recl5 D:\GIS2\data\scratch1.gdb\Reclass\_Sing1 D:\GIS2\data\scratch1.gdb\CostDis\_Recl5 # #
-  Start Time: Thu Nov 04 18:49:44 2010
-  Executed (Cost Distance (4)) successfully.
-  End Time: Thu Nov 04 18:49:49 2010 (Elapsed Time: 5.00 seconds)

✦Reclassify (13)


**Tool Name:**Reclassify

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\3D Analyst Tools.tbx\Raster Reclass\Reclassify


**Parameters:**


<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Feat1
<b>Reclass field</b>	Input	Required	Field	VALUE
<b>Reclassification</b>	Input	Required	Remap	60 68 NODATA;68 76 NODATA;76 84 NODATA;84 92 NODATA;92 100 100
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Recl6
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**Messages:**

 Executing (Reclassify (13)): Reclassify D:\GIS2\data\scratch1.gdb\Reclass\_Feat1 VALUE "60 68 NODATA;68 76 NODATA;76 84 NODATA;84 92 NODATA;92 100 100" D:\GIS2\data\scratch1.gdb\Reclass\_Recl6 DATA

 Start Time: Thu Nov 04 18:44:51 2010

 Executed (Reclassify (13)) successfully.

 End Time: Thu Nov 04 18:44:56 2010 (Elapsed Time: 5.00 seconds)

**Cost Distance (5)**


**Tool Name:**Cost Distance

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Distance\CostDistance


**Parameters:**


<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster or feature source data</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Recl6
<b>Input cost raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\Reclass_Sing1
<b>Output distance raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\CostDis_Recl6
<b>Maximum distance</b>	Input	Optional	Double	
<b>Output backlink raster</b>	Output	Optional	Raster Dataset	

**Messages:**

 Executing (Cost Distance (5)): CostDistance D:\GIS2\data\scratch1.gdb\Reclass\_Recl6 D:\GIS2\data\scratch1.gdb\Reclass\_Sing1 D:\GIS2\data\scratch1.gdb\CostDis\_Recl6 # #

 Start Time: Thu Nov 04 18:51:11 2010

 Executed (Cost Distance (5)) successfully.

 End Time: Thu Nov 04 18:51:17 2010 (Elapsed Time: 6.00 seconds)

✦ **Reclassify (14)**





*Tool Name:*Reclassify

*Tool Source:*C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Reclass\Reclassify

✦ **Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\CostDis_Recl3
<b>Reclass field</b>	Input	Required	Field	Value
<b>Reclassification</b>	Input	Required	Remap	0 200 60;200 500 48;500 1000 36;1000 1500 24;1500 2000 12;2000 100000 0;NODATA 0
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Cost1
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

✦ **Messages:**

-  Executing (Reclassify (14)): Reclassify D:\GIS2\data\scratch1.gdb\CostDis\_Recl3 Value "0 200 60;200 500 48;500 1000 36;1000 1500 24;1500 2000 12;2000 100000 0;NODATA 0" D:\GIS2\data\scratch1.gdb\Reclass\_Cost1 DATA
-  Start Time: Mon Nov 08 15:53:48 2010
-  Executed (Reclassify (14)) successfully.
-  End Time: Mon Nov 08 15:53:52 2010 (Elapsed Time: 4.00 seconds)

✦ **Reclassify (15)**


*Tool Name:*Reclassify




*Tool Source:*C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Reclass\Reclassify

✦ **Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\CostDis_Recl5
<b>Reclass field</b>	Input	Required	Field	Value
<b>Reclassification</b>	Input	Required	Remap	0 200 90;200 500 72;500 1000 54;1000 1500 36;1500 2000 18;2000 100000 0;NODATA 0
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Cost2
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

✦ **Messages:**

-  Executing (Reclassify (15)): Reclassify D:\GIS2\data\scratch1.gdb\CostDis\_Recl5 Value "0 200 90;200 500 72;500 1000 54;1000 1500 36;1500 2000 18;2000 100000 0;NODATA 0" D:\GIS2\data\scratch1.gdb\Reclass\_Cost2 DATA

-  Start Time: Mon Nov 08 15:54:13 2010
-  Executed (Reclassify (15)) successfully.
-  End Time: Mon Nov 08 15:54:17 2010 (Elapsed Time: 4.00 seconds)

**⚡Reclassify (16)**





*Tool Name:*Reclassify

*Tool Source:*C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Reclass\Reclassify

**⚡Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\CostDis_Recl6
<b>Reclass field</b>	Input	Required	Field	Value
<b>Reclassification</b>	Input	Required	Remap	0 200 100;200 500 80;500 1000 60;1000 1500 40;1500 2000 20;2000 100000 0;NODATA 0
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Cost3
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**⚡Messages:**

-  Executing (Reclassify (16)): Reclassify D:\GIS2\data\scratch1.gdb\CostDis\_Recl6 Value "0 200 100;200 500 80;500 1000 60;1000 1500 40;1500 2000 20;2000 100000 0;NODATA 0" D:\GIS2\data\scratch1.gdb\Reclass\_Cost3 DATA
-  Start Time: Mon Nov 08 15:55:59 2010
-  Executed (Reclassify (16)) successfully.
-  End Time: Mon Nov 08 15:56:03 2010 (Elapsed Time: 4.00 seconds)

**⚡Reclassify (17)**





*Tool Name:*Reclassify

*Tool Source:*C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Reclass\Reclassify

**⚡Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input raster</b>	Input	Required	Composite Geodataset	D:\GIS2\data\scratch1.gdb\CostDis_Recl4
<b>Reclass field</b>	Input	Required	Field	Value
<b>Reclassification</b>	Input	Required	Remap	0 200 70;200 500 56;500 1000 42;1000 1500 28;1500 2000 14;2000 100000 0;NODATA 0
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Reclass_Cost4
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

**Messages:**

-  Executing (Reclassify (17)): Reclassify D:\GIS2\data\scratch1.gdb\CostDis\_Recl4 Value "0 200 70;200 500 56;500 1000 42;1000 1500 28;1500 2000 14;2000 100000 0;NODATA 0" D:\GIS2\data\scratch1.gdb\Reclass\_Cost4 DATA
-  Start Time: Mon Nov 08 15:57:02 2010
-  Executed (Reclassify (17)) successfully.
-  End Time: Mon Nov 08 15:57:05 2010 (Elapsed Time: 3.00 seconds)

**Single Output Map Algebra (3)**





**Tool Name:**Single Output Map Algebra

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Map Algebra\SingleOutputMapAlgebra

**Parameters:**

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Map Algebra expression</b>	Input	Required	MapAlgebra Expression	MAX (CD_LW_bewertet, CD_W_bewertet, CD_EH_bewertet, CD_FH_bewertet)
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\SingleOutput3
<b>Input raster or feature data</b>	Input	Optional	Multiple Value	D:\GIS2\data\scratch1.gdb\Reclass_Cost1;D:\GIS2\data\scratch1.gdb\Reclass_Cost2;D:\GIS2\data\scratch1.gdb\Reclass_Cost3;D:\GIS2\data\scratch1.gdb\Reclass_Cost4

**Messages:**

-  Executing (Single Output Map Algebra (3)): SingleOutputMapAlgebra "MAX (CD\_LW\_bewertet, CD\_W\_bewertet, CD\_EH\_bewertet, CD\_FH\_bewertet)" D:\GIS2\data\scratch1.gdb\SingleOutput3 D:\GIS2\data\scratch1.gdb\Reclass\_Cost1;D:\GIS2\data\scratch1.gdb\Reclass\_Cost2;D:\GIS2\data\scratch1.gdb\Reclass\_Cost3;D:\GIS2\data\scratch1.gdb\Reclass\_Cost4
-  Start Time: Wed Nov 10 15:40:00 2010
-  Executed (Single Output Map Algebra (3)) successfully.
-  End Time: Wed Nov 10 15:40:07 2010 (Elapsed Time: 7.00 seconds)

**Make Feature Layer (4)**

**Tool Name:**Make Feature Layer


**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Layers and Table Views\MakeFeatureLayer

**Parameters:**




<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Input Features</b>	Input	Required	Feature Layer	NUTZUNGSUEBERSICHT_06_F
<b>Output Layer</b>	Output	Required	Feature Layer	NUTZUNGSUEBERSICHT_06_F_Laye
<b>Expression</b>	Input	Optional	SQL Expression	"ZLAB" <> 'Landwirtschaftszone nach P36 PBG (ausserhalb Siedl.gebi' AND "ZLAB" <> 'Landwirtschaftszone nach P46 PBG (innerhalb

				'Siedl.gebie' AND "ZLAB" <> 'Wald' AND "ZLAB" <> 'kant. Freihaltezone Erholung D, Fam.Garten, Campingplat' AND "ZLAB" <> 'kant. Freihaltezone Naturschutz' AND "ZLAB" <> 'kant. Freihaltezone allgemein (P39 PBG)' AND "ZLAB" <> 'komm. Erholungszone (P46,61 PBG)' AND "ZLAB" <> 'komm. Freihaltezone Erholung A, Allmend (P46,61 PBG)' AND "ZLAB" <> 'komm. Freihaltezone Erholung B, Parkanl.,Friedhof u. de' AND "ZLAB" <> 'komm. Freihaltezone Erholung C, Festpl., Sportanl., Fre' AND "ZLAB" <> 'komm. Freihaltezone Erholung D, Fam.garten, Campingpl.' AND "ZLAB" <> 'komm. Freihaltezone Naturschutz (Zone I+II)' AND "ZLAB" <> 'komm. Freihaltezone allgemein (P46,61 PBG)' AND "ZLAB" <> 'Gewasser' AND "ZLAB" <> 'Hochleistungsstrassen (ausserhalb Bauzonen)' AND "ZLAB" <> 'Flughafenareal (ausserhalb Bauzonen)' AND "ZLAB" <> 'Reservezone im Bauentwicklungsgebiet (P65 PBG)' AND "ZLAB" <> 'Reservezone im Siedlungsgebiet (P65 PBG)'
<b>Workspace or Feature Dataset</b>	Input	Optional	Workspace or Feature Dataset	
<b>Field Info</b>	Input	Optional	Field Info	AREA AREA VISIBLE NONE;PERIMETER PERIMETER VISIBLE NONE;NUTZ_UBES_ NUTZ_UBES_ VISIBLE NONE;NUTZ_UBES1 NUTZ_UBES1 VISIBLE NONE;NZC NZC VISIBLE NONE;AZC AZC VISIBLE NONE;BZO_GEM BZO_GEM VISIBLE NONE;AZ AZ VISIBLE NONE;ZLAB ZLAB VISIBLE NONE;AZC1 AZC1 VISIBLE NONE;BZ BZ VISIBLE NONE;UZ UZ VISIBLE NONE;LSV_ES LSV_ES VISIBLE NONE;ARPS ARPS VISIBLE NONE;GP GP VISIBLE NONE;GPP GPP VISIBLE NONE;NBC NBC VISIBLE NONE;ABC ABC VISIBLE NONE;BJAHR BJAHR VISIBLE NONE;ABZC ABZC VISIBLE NONE;WMIX WMIX VISIBLE NONE;Shape_Length Shape_Length VISIBLE NONE;Shape_Area Shape_Area VISIBLE NONE

**Messages:**

-  Executing (Make Feature Layer (4)): MakeFeatureLayer  
 NUTZUNGSUEBERSICHT\_06\_F NUTZUNGSUEBERSICHT\_06\_F\_Laye  
 ""ZLAB" <> 'Landwirtschaftszone nach P36 PBG (ausserhalb Siedl.gebi' AND  
 "ZLAB" <> 'Landwirtschaftszone nach P46 PBG (innerhalb Siedl.gebie' AND  
 "ZLAB" <> 'Wald' AND "ZLAB" <> 'kant. Freihaltezone Erholung D, Fam.Garten,  
 Campingplat' AND "ZLAB" <> 'kant. Freihaltezone Naturschutz' AND "ZLAB" <>  
 'kant. Freihaltezone allgemein (P39 PBG)' AND "ZLAB" <> 'komm. Erholungszone  
 (P46,61 PBG)' AND "ZLAB" <> 'komm. Freihaltezone Erholung A, Allmend  
 (P46,61 PBG)' AND "ZLAB" <> 'komm. Freihaltezone Erholung B,  
 Parkanl.,Friedhof u. de' AND "ZLAB" <> 'komm. Freihaltezone Erholung C, Festpl.,  
 Sportanl., Fre' AND "ZLAB" <> 'komm. Freihaltezone Erholung D, Fam.garten,  
 Campingpl.' AND "ZLAB" <> 'komm. Freihaltezone Naturschutz (Zone I+II)' AND

"ZLAB" <> 'komm. Freihaltezone allgemein (P46,61 PBG)' AND "ZLAB" <> 'Gewaesser' AND "ZLAB" <> 'Hochleistungsstrassen (ausserhalb Bauzonen)' AND "ZLAB" <> 'Flughafenareal (ausserhalb Bauzonen)' AND "ZLAB" <> 'Reservezone im Bauentwicklungsgebiet (P65 PBG)' AND "ZLAB" <> 'Reservezone im Siedlungsgebiet (P65 PBG)'" # "AREA AREA VISIBLE NONE;PERIMETER PERIMETER VISIBLE NONE;NUTZ\_UBES\_ NUTZ\_UBES\_ VISIBLE NONE;NUTZ\_UBES1 NUTZ\_UBES1 VISIBLE NONE;NZC NZC VISIBLE NONE;AZC AZC VISIBLE NONE;BZO\_GEM BZO\_GEM VISIBLE NONE;AZ AZ VISIBLE NONE;ZLAB ZLAB VISIBLE NONE;AZC1 AZC1 VISIBLE NONE;BZ BZ VISIBLE NONE;UZ UZ VISIBLE NONE;LSV\_ES LSV\_ES VISIBLE NONE;ARPS ARPS VISIBLE NONE;GP GP VISIBLE NONE;GPP GPP VISIBLE NONE;NBC NBC VISIBLE NONE;ABC ABC VISIBLE NONE;BJAHR BJAHR VISIBLE NONE;ABZC ABZC VISIBLE NONE;WMIX WMIX VISIBLE NONE;Shape\_Length Shape\_Length VISIBLE NONE;Shape\_Area Shape\_Area VISIBLE NONE"

-  Start Time: Thu Nov 04 16:34:48 2010
-  Executed (Make Feature Layer (4)) successfully.
-  End Time: Thu Nov 04 16:34:48 2010 (Elapsed Time: 0.00 seconds)

**✦Feature to Raster (2)**





**Tool Name:**Feature to Raster

**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\To Raster\FeatureToRaster

**✦Parameters:**

Name	Direction	Type	Data Type	Value
Input features	Input	Required	Composite Geodataset	NUTZUNGSUEBERSICHT_06_F_Laye
Field	Input	Required	Field	ZLAB
Output raster	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\Feature_NUTZ3
Output cell size	Input	Optional	Analysis cell size	25

**✦Messages:**

-  Executing (Feature to Raster (2)): FeatureToRaster  
NUTZUNGSUEBERSICHT\_06\_F\_Laye ZLAB D:\GIS2\data\scratch1.gdb\Feature\_NUTZ3 25
-  Start Time: Thu Nov 04 16:35:30 2010
-  Executed (Feature to Raster (2)) successfully.
-  End Time: Thu Nov 04 16:35:36 2010 (Elapsed Time: 6.00 seconds)

**✦Reclassify (6)**

**Tool Name:**Reclassify





**Tool Source:**C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\3D Analyst Tools.tbx\Raster Reclass\Reclassify

**✦Parameters:**

Name	Direction	Type	Data Type	Value
Input raster	Input	Required	Composite	D:\GIS2

			Geodataset	\\data\scratch1.gdb\Feature_NUTZ3
<b>Reclass field</b>	Input	Required	Field	VALUE
<b>Reclassification</b>	Input	Required	Remap	1 65 1;NODATA 0
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2 \\data\scratch1.gdb\Reclass_Feat5
<b>Change missing values to NoData</b>	Input	Optional	Boolean	false

#### ⚡Messages:

-  Executing (Reclassify (6)): Reclassify D:\GIS2\data\scratch1.gdb\Feature\_NUTZ3 VALUE "1 65 1;NODATA 0" D:\GIS2\data\scratch1.gdb\Reclass\_Feat5 DATA
-  Start Time: Mon Nov 08 16:16:00 2010
-  Executed (Reclassify (6)) successfully.
-  End Time: Mon Nov 08 16:16:04 2010 (Elapsed Time: 4.00 seconds)

#### ⚡Single Output Map Algebra (4)





**Tool Name:** Single Output Map Algebra

**Tool Source:** C:\Program Files (x86)\ArcGIS\ArcToolbox\Toolboxes\Spatial Analyst Tools.tbx\Map Algebra\SingleOutputMapAlgebra

#### ⚡Parameters:

<i>Name</i>	<i>Direction</i>	<i>Type</i>	<i>Data Type</i>	<i>Value</i>
<b>Map Algebra expression</b>	Input	Required	MapAlgebra Expression	Zugang_FR_bewertet * SD_vereinheitlicht
<b>Output raster</b>	Output	Required	Raster Dataset	D:\GIS2\data\scratch1.gdb\SingleOutput4
<b>Input raster or feature data</b>	Input	Optional	Multiple Value	D:\GIS2 \\data\scratch1.gdb\SingleOutput3;D:\GIS2 \\data\scratch1.gdb\Reclass_Feat5

#### ⚡Messages:

-  Executing (Single Output Map Algebra (4)): SingleOutputMapAlgebra "Zugang\_FR\_bewertet \* SD\_vereinheitlicht" D:\GIS2  
\\data\scratch1.gdb\SingleOutput4 D:\GIS2\data\scratch1.gdb\SingleOutput3;D:\GIS2  
\\data\scratch1.gdb\Reclass\_Feat5
-  Start Time: Wed Nov 10 15:40:08 2010
-  Executed (Single Output Map Algebra (4)) successfully.
-  End Time: Wed Nov 10 15:40:12 2010 (Elapsed Time: 4.00 seconds)