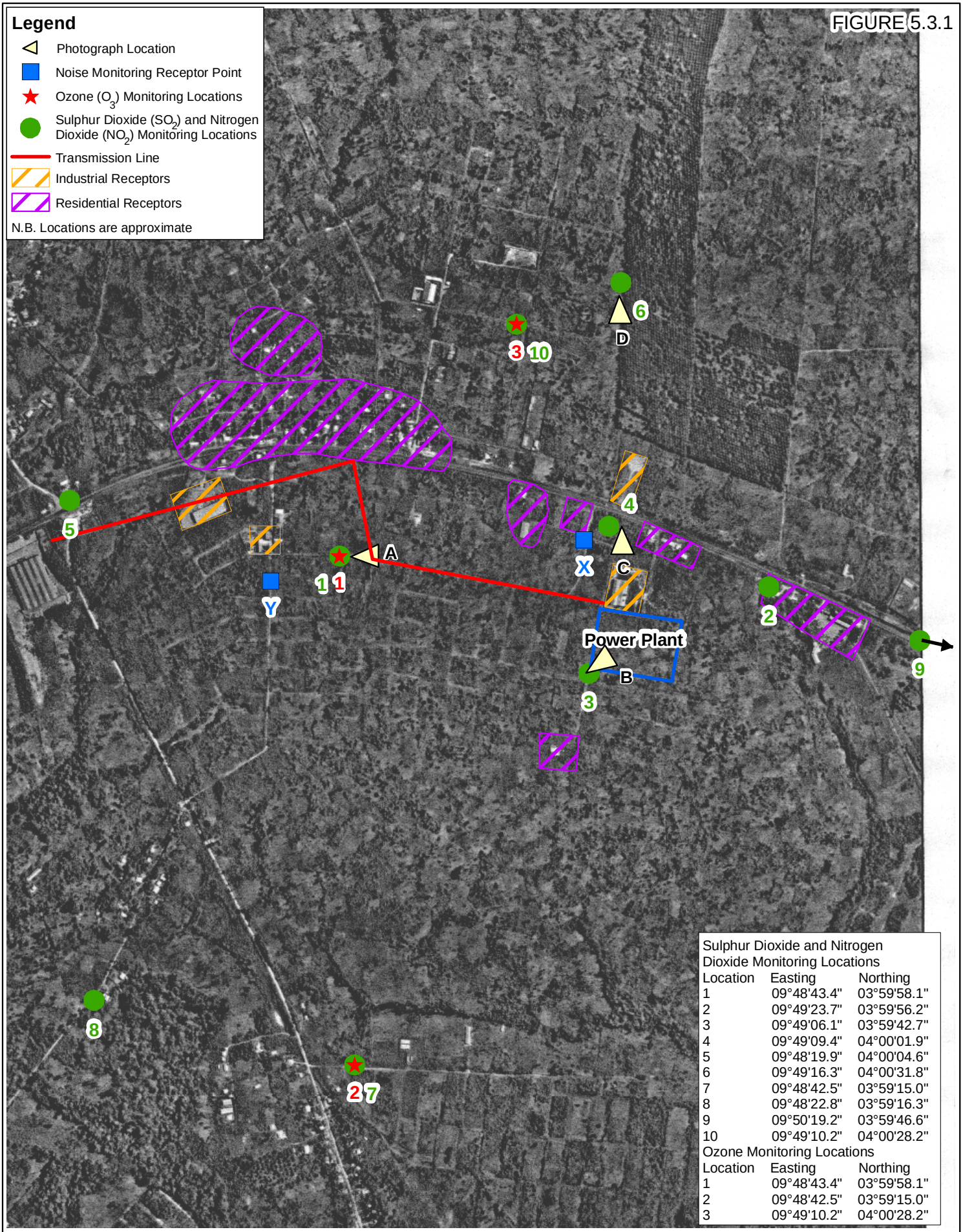
Figures 5.3.1 to 5.10.1

FIGURE 5.3.1



Sulphur Dioxide and Nitrogen Dioxide Monitoring Locations

Location	Easting	Northing
1	09°48'43.4"	03°59'58.1"
2	09°49'23.7"	03°59'56.2"
3	09°49'06.1"	03°59'42.7"
4	09°49'09.4"	04°00'01.9"
5	09°48'19.9"	04°00'04.6"
6	09°49'16.3"	04°00'31.8"
7	09°48'42.5"	03°59'15.0"
8	09°48'22.8"	03°59'16.3"
9	09°50'19.2"	03°59'46.6"
10	09°49'10.2"	04°00'28.2"

Ozone Monitoring Locations

Location	Easting	Northing
1	09°48'43.4"	03°59'58.1"
2	09°48'42.5"	03°59'15.0"
3	09°49'10.2"	04°00'28.2"

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BASELINE MONITORING AND RECEPTORS

D116914_008

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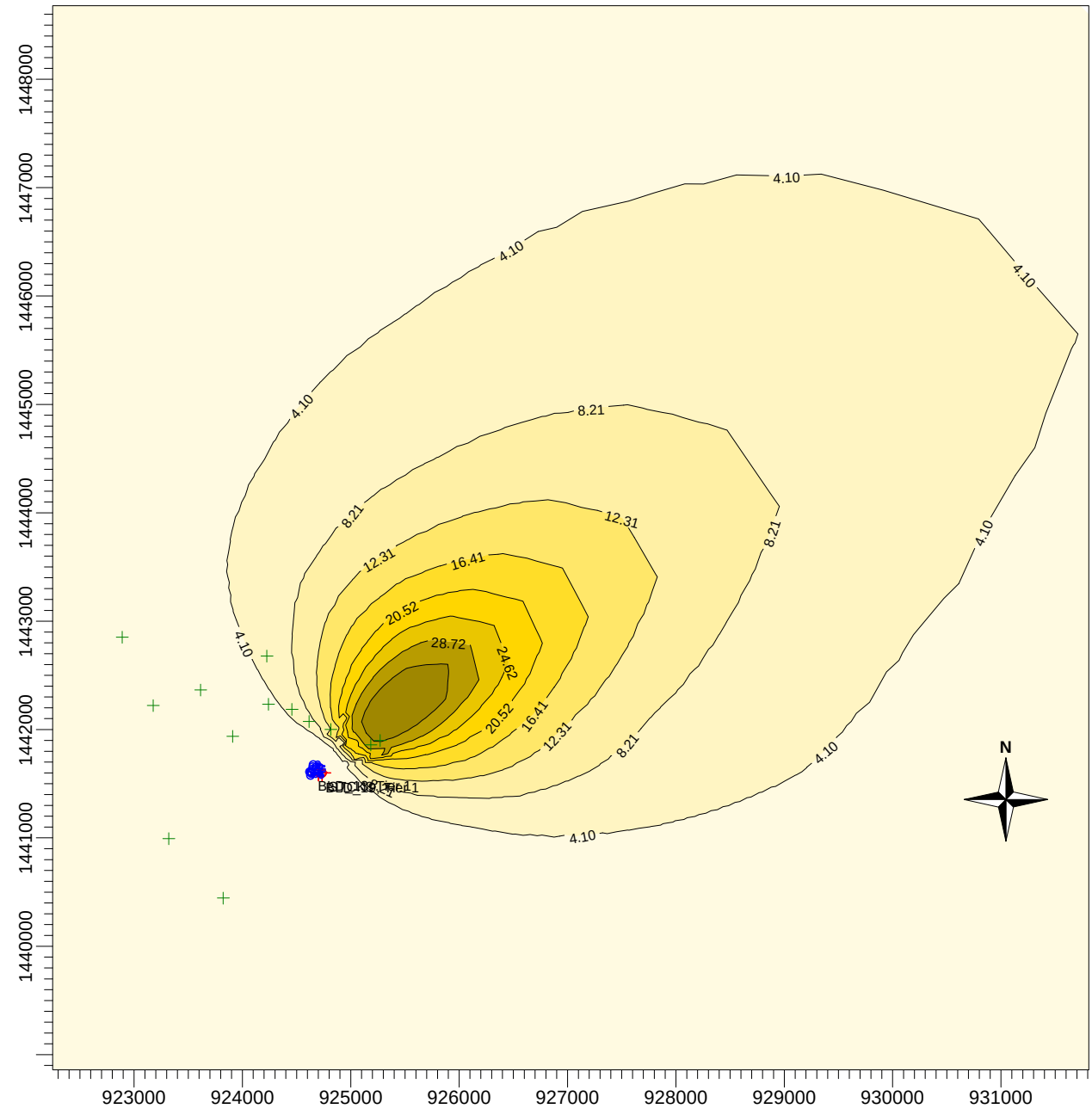
Figure 5.3.2a: Predicted Impact on Annual Mean Nitrogen Dioxide Concentrations, 2003 Meteorological Data



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

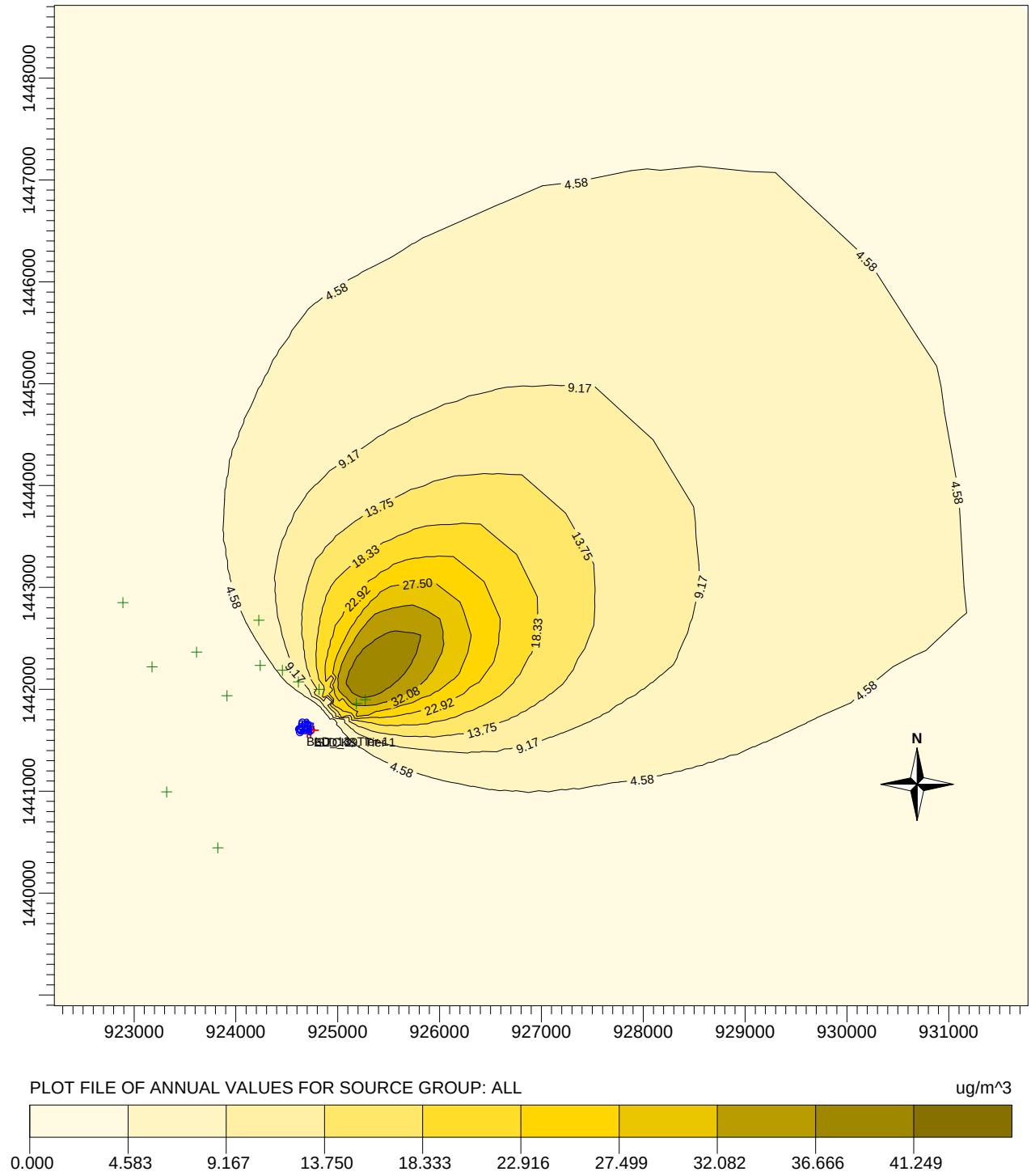
0.000 4.104 8.207 12.310 16.413 20.517 24.620 28.723 32.826 36.929

COMMENTS: Drawn: DD Checked: GG Approved: GG	SOURCES: **8**		
	RECEPTORS: **2173**	MODELER: **DD**	Scott Wilson
	OUTPUT TYPE: **Concentration**	SCALE: 1:60,000 0 2 km	
	MAX: **36.92948 ug/m^3**	DATE: **14/12/2007**	PROJECT NO.: **D116914**

PROJECT TITLE:

Dibamba Power Plant

Figure 5.3.2b: Predicted Impact on Annual Mean Nitrogen Dioxide Concentrations, 2004 Meteorological Data



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0.000 4.583 9.167 13.750 18.333 22.916 27.499 32.082 36.666 41.249

COMMENTS:

Drawn: DD
Checked: GG
Approved: GG

SOURCES: **8**

RECEPTORS: **2173**

MODELER: **DD**

OUTPUT TYPE: **Concentration**

SCALE: 1:60,000

0 2 km

MAX: **41.24883 ug/m^3**

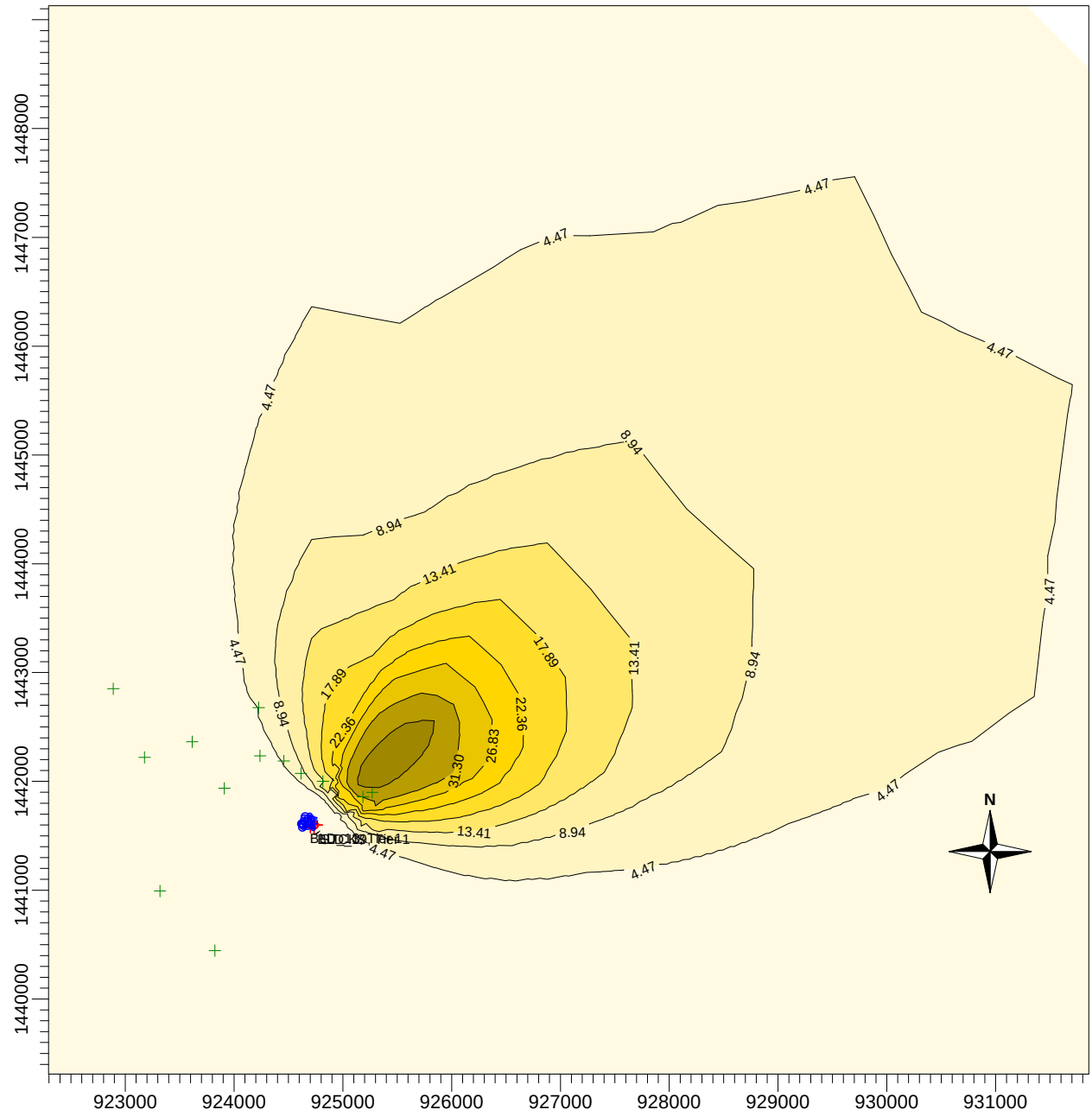
DATE: **14/12/2007**

PROJECT NO.: **D116914**

PROJECT TITLE:

Dibamba Power Plant

Figure 5.3.2c: Predicted Impact on Annual Mean Nitrogen Dioxide Concentrations, 2005 Meteorological Data



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0.000 4.472 8.943 13.415 17.886 22.358 26.829 31.301 35.773 40.244

COMMENTS:

Drawn: DD
Checked: GG
Approved: GG

SOURCES: **8**

RECEPTORS: **2173**

MODELER: **DD**

OUTPUT TYPE: **Concentration**

SCALE: 1:60,000

0 2 km

MAX: **40.2441 ug/m^3**

DATE: **14/12/2007**

PROJECT NO.: **D116914**

PROJECT TITLE:

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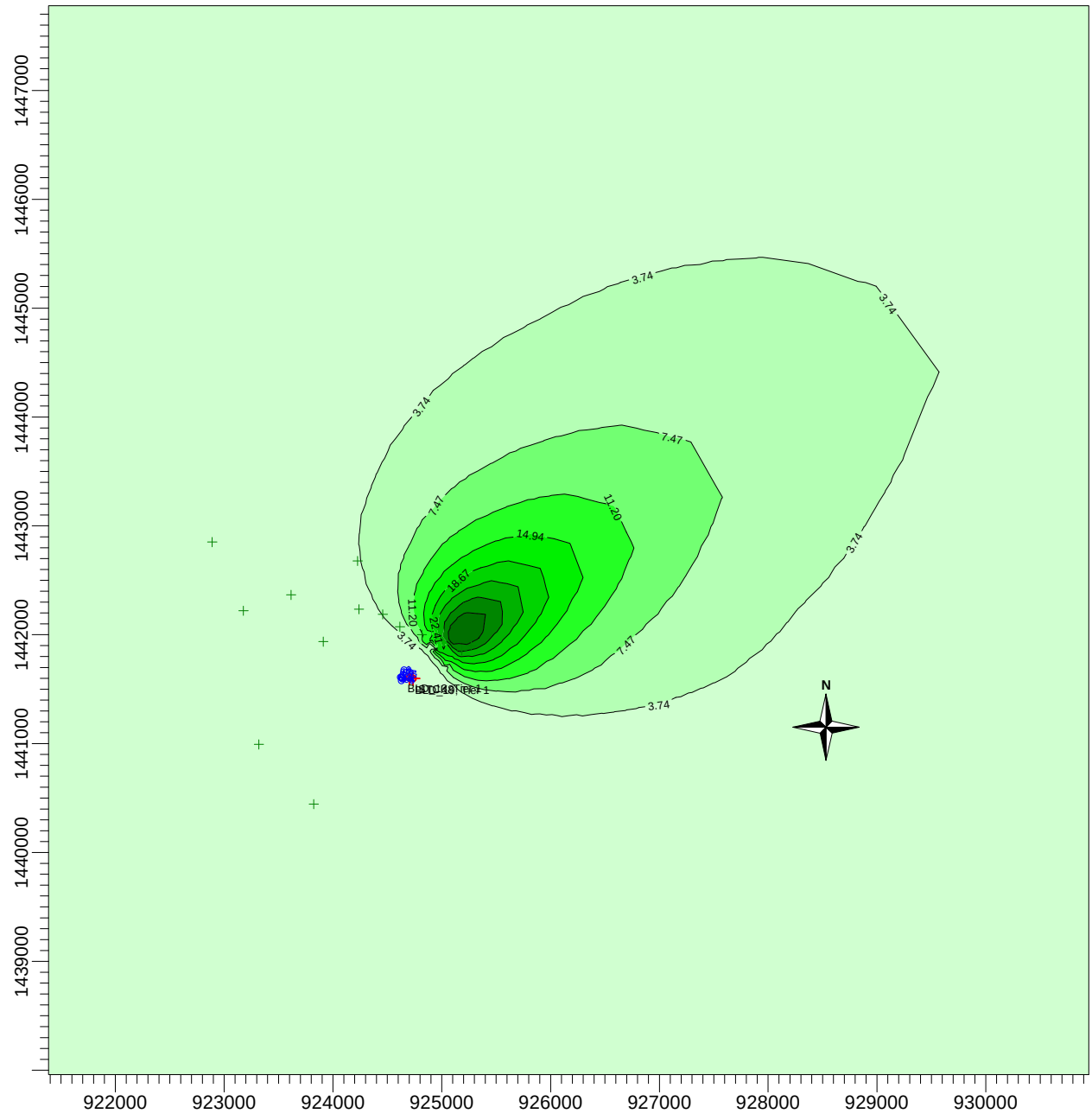
Figure 5.3.3a: Predicted Impact on Annual Mean Sulphur Dioxide Concentrations, 2003 Meteorological Data



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0.000 0.000 3.735 7.470 11.205 14.940 18.675 22.409 26.144 29.879 33.614

COMMENTS: Drawn: DD Checked: GG Approved: GG	SOURCES: **8**		
	RECEPTORS: **2173**	MODELER: **DD**	
	OUTPUT TYPE: **Concentration**	SCALE: 1:60,000 0 2 km	
	MAX: **33.61397 ug/m^3**	DATE: **14/12/2007**	PROJECT NO.: **D116914**

PROJECT TITLE:

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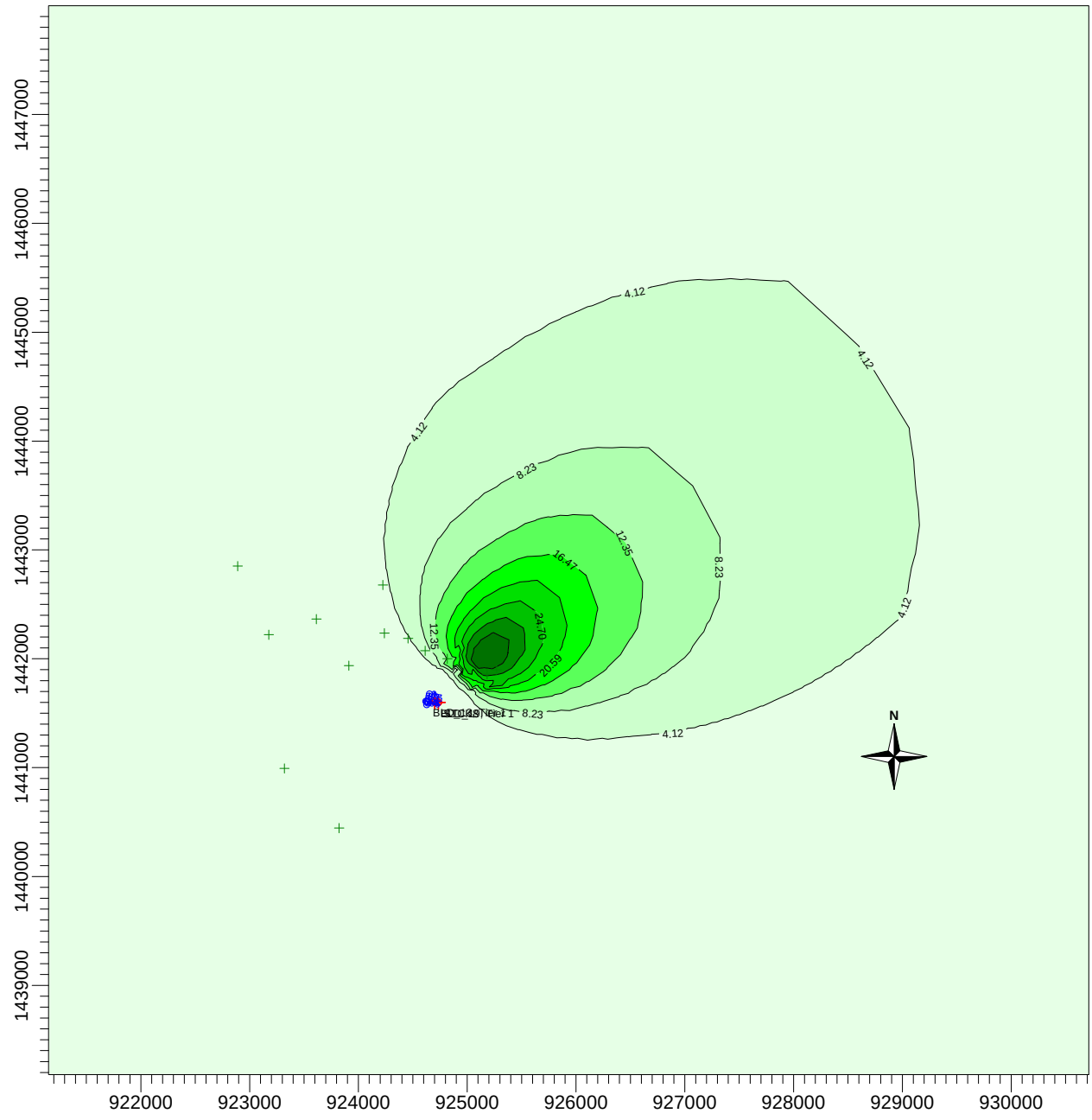
Figure 5.3.3b: Predicted Impact on Annual Mean Sulphur Dioxide Concentrations, 2004 Meteorological Data



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0.000 4.118 8.235 12.352 16.470 20.587 24.705 28.822 32.940 37.057

COMMENTS: Drawn: DD Checked: GG Approved: GG	SOURCES: **8**		
	RECEPTORS: **2173**	MODELER: **DD**	Scott Wilson
	OUTPUT TYPE: **Concentration**	SCALE: 1:60,000 0 2 km	
	MAX: **37.05701 ug/m^3**	DATE: **14/12/2007**	PROJECT NO.: **D116914**

PROJECT TITLE:

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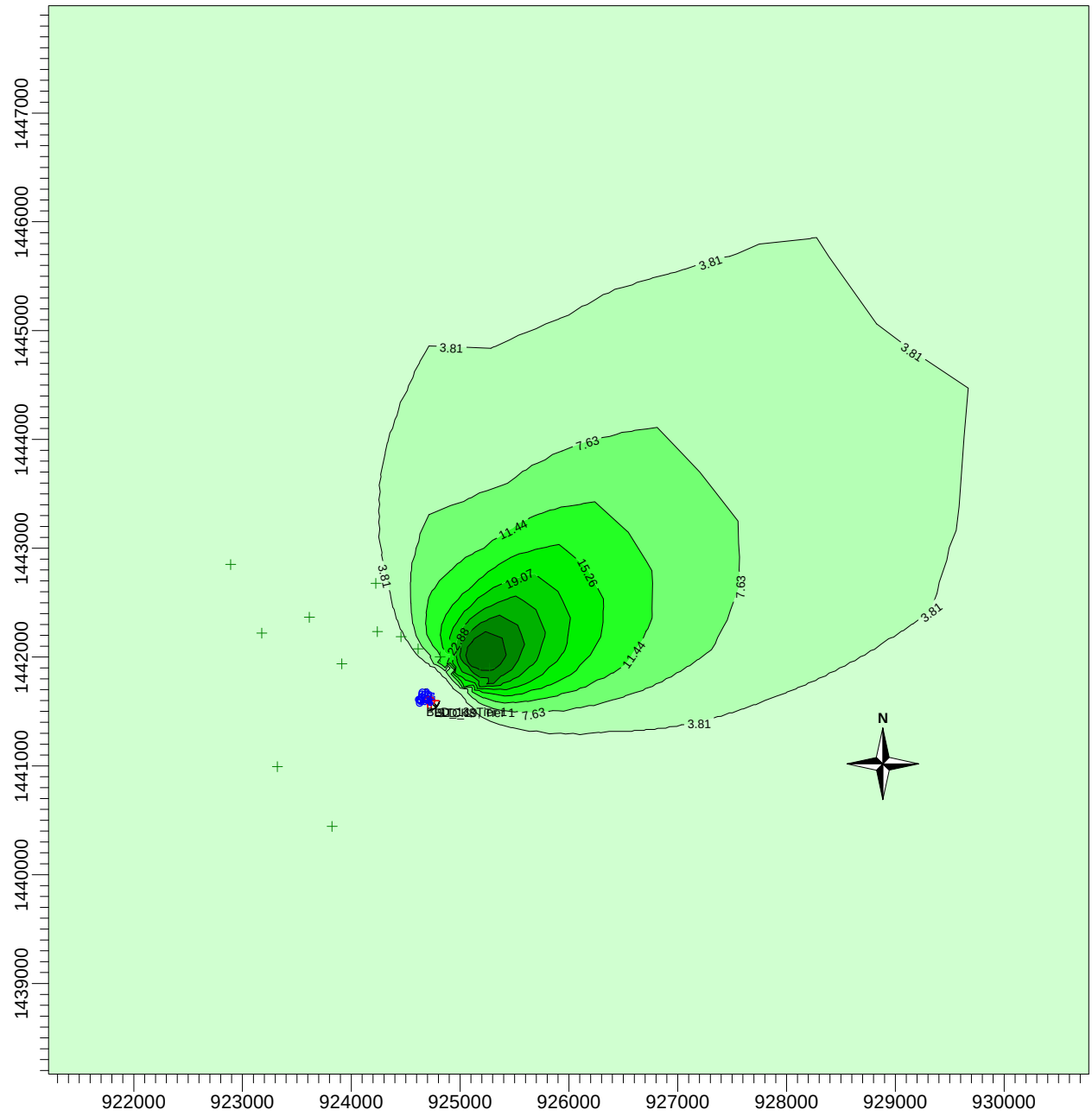
Figure 5.3.3c: Predicted Impact on Annual Mean Sulphur Dioxide Concentrations, 2005 Meteorological Data



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0.000 0.000 3.814 7.628 11.442 15.256 19.070 22.884 26.698 30.512 34.326

COMMENTS: Drawn: DD Checked: GG Approved: GG	SOURCES: **8**		
	RECEPTORS: **2173**	MODELER: **DD**	
	OUTPUT TYPE: **Concentration**	SCALE: 1:60,000 0 2 km	
	MAX: **34.32596 ug/m^3**	DATE: **14/12/2007**	PROJECT NO.: **D116914**

PROJECT TITLE:

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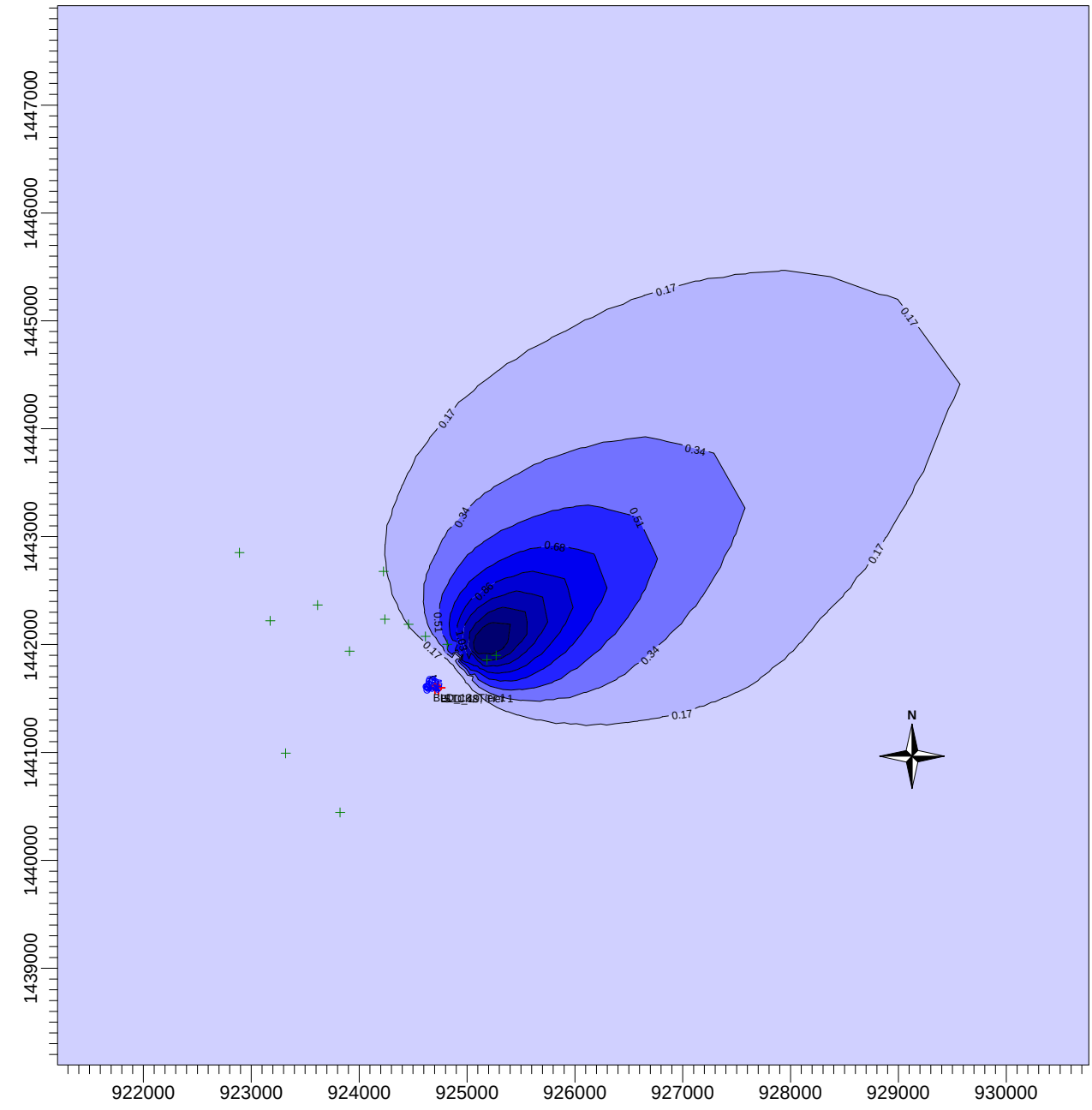
Figure 5.3.4a: Predicted Impact on Annual Mean PM10 Concentrations, 2003 Meteorological Data



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0.000 0.000 0.171 0.342 0.514 0.685 0.856 1.027 1.198 1.369 1.541

COMMENTS: Drawn: DD Checked: GG Approved: GG	SOURCES: **8**		
	RECEPTORS: **2173**	MODELER: **DD**	
	OUTPUT TYPE: **Concentration**	SCALE: 1:60,000 0 2 km	
	MAX: **1.54064 ug/m^3**	DATE: **14/12/2007**	PROJECT NO.: **D116914**

PROJECT TITLE:

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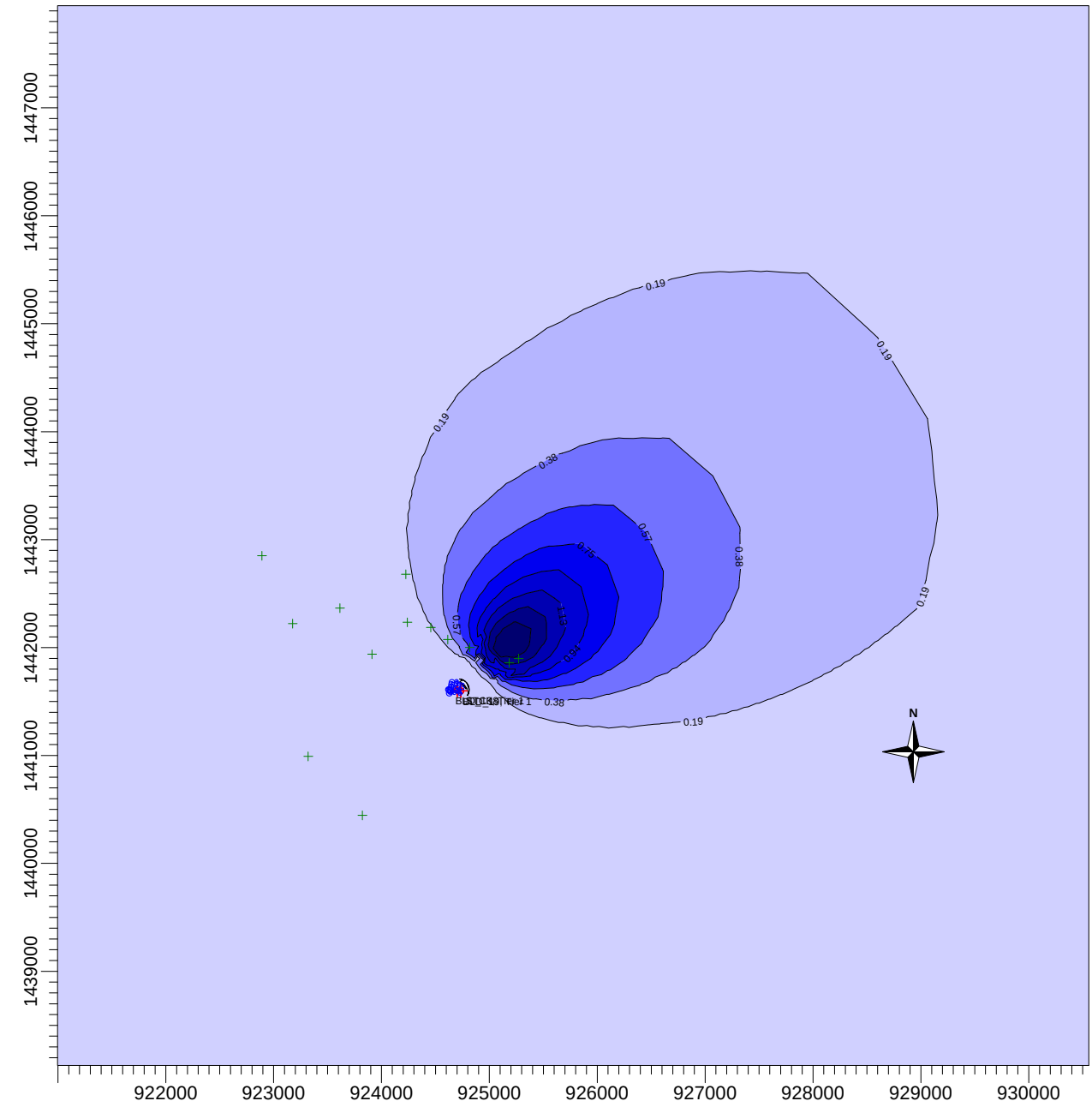
Figure 5.3.4b: Predicted Impact on Annual Mean PM10 Concentrations, 2004 Meteorological Data



PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0.000 0.000 0.189 0.377 0.566 0.755 0.944 1.132 1.321 1.510 1.698

COMMENTS: Drawn: DD Checked: GG Approved: GG	SOURCES: **8**		
	RECEPTORS: **2173**	MODELER: **DD**	
	OUTPUT TYPE: **Concentration**	SCALE: 1:60,000 0 2 km	
	MAX: **1.69844 ug/m^3**	DATE: **14/12/2007**	PROJECT NO.: **D116914**

PROJECT TITLE:

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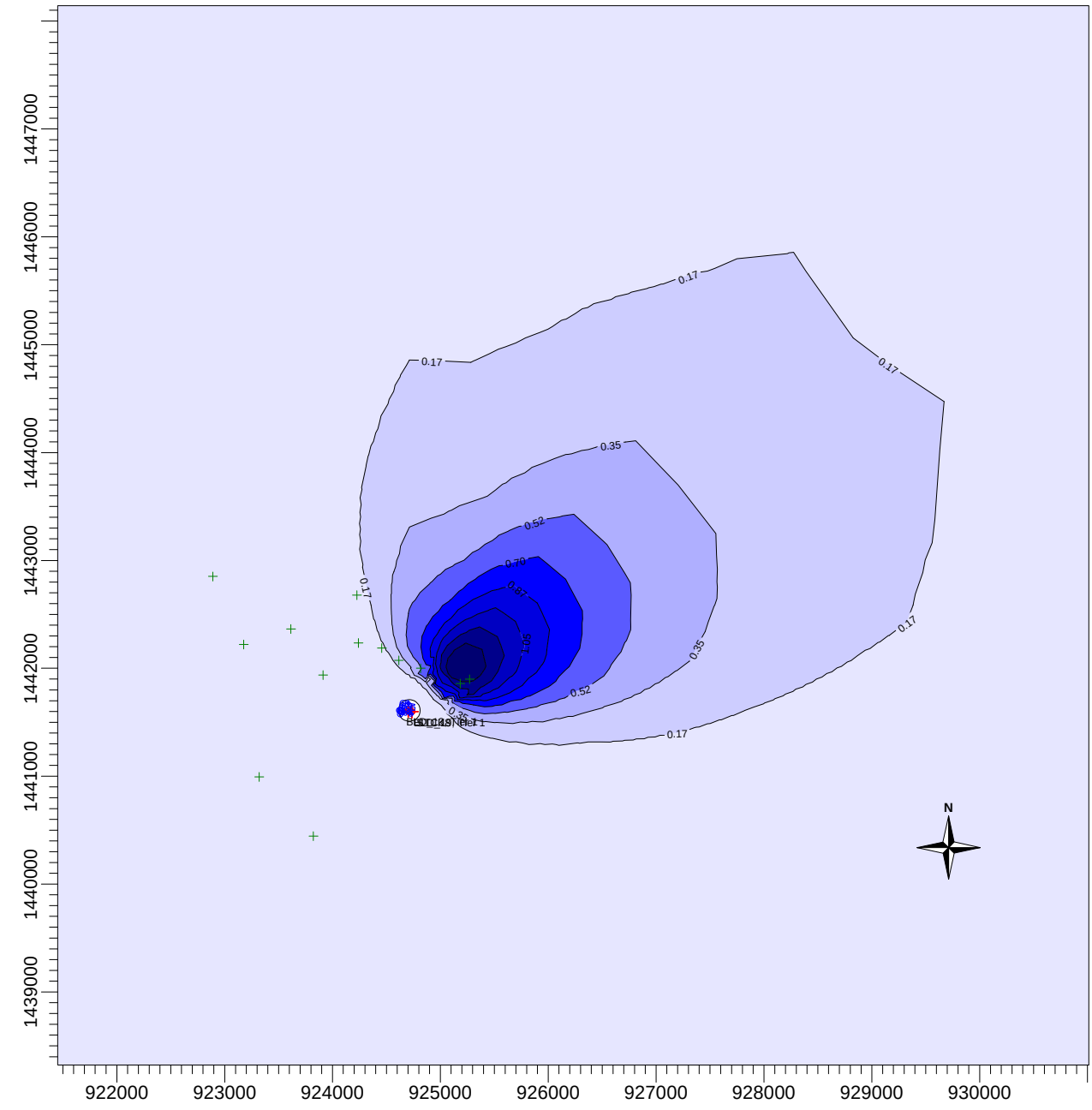
Figure 5.3.4c: Predicted Impact on Annual Mean PM10 Concentrations, 2005 Meteorological Data

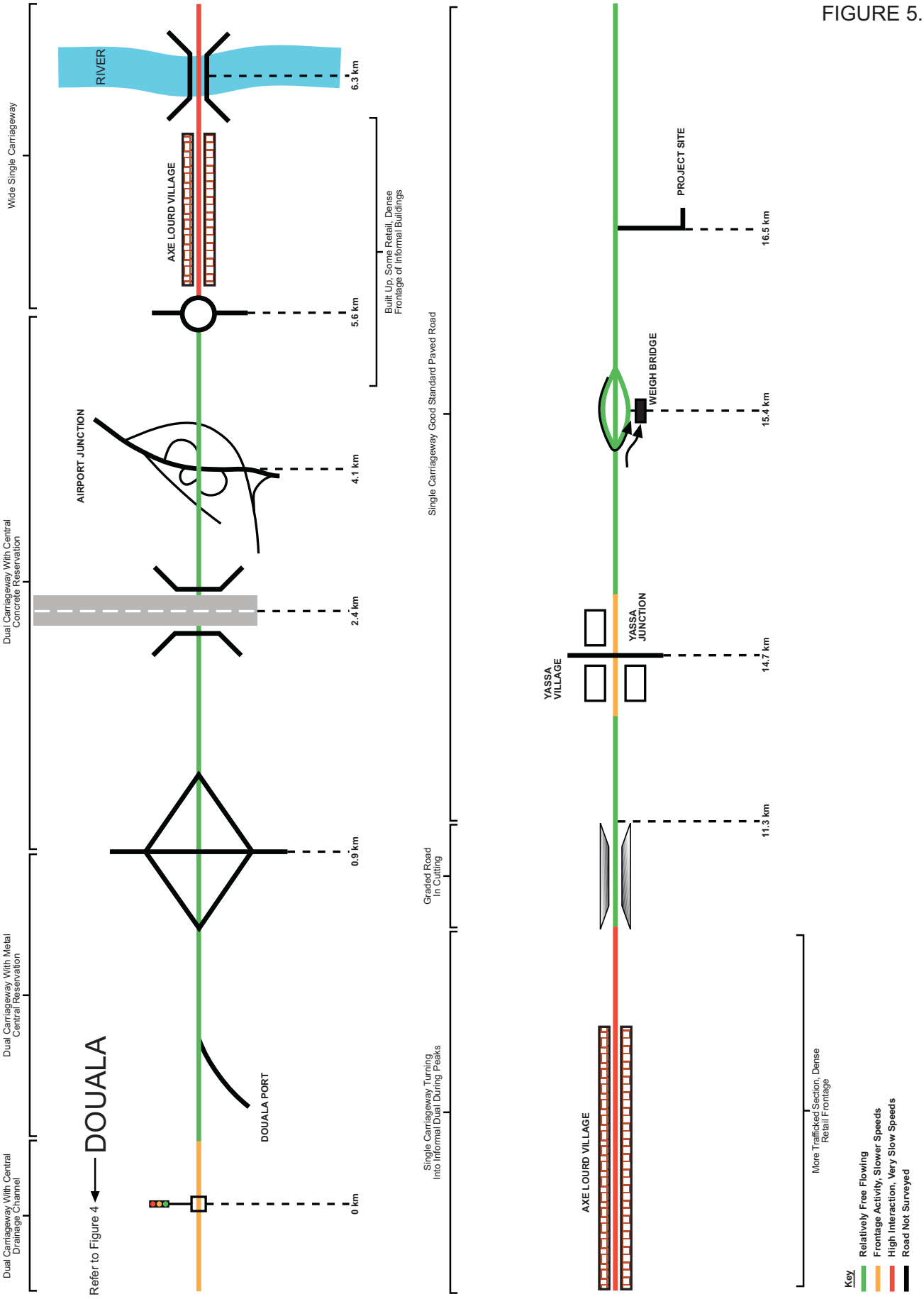


PLOT FILE OF ANNUAL VALUES FOR SOURCE GROUP: ALL ug/m^3

0.000 0.175 0.350 0.524 0.699 0.874 1.049 1.224 1.398 1.573

COMMENTS: Drawn: DD Checked: GG Approved: GG	SOURCES: **8**		
	RECEPTORS: **2173**	MODELER: **DD**	
	OUTPUT TYPE: **Concentration**	SCALE: 1:60,000 0 2 km	
	MAX: **1.57327 ug/m^3**	DATE: **14/12/2007**	PROJECT NO.: **D116914**

FIGURE 5.5.1



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DOUALA - DIBAMBA ROAD CONDITIONS AND CHARACTER AREAS

K:\D116914 Dibamba\Drawings\Freehand\Sections.fh11.1

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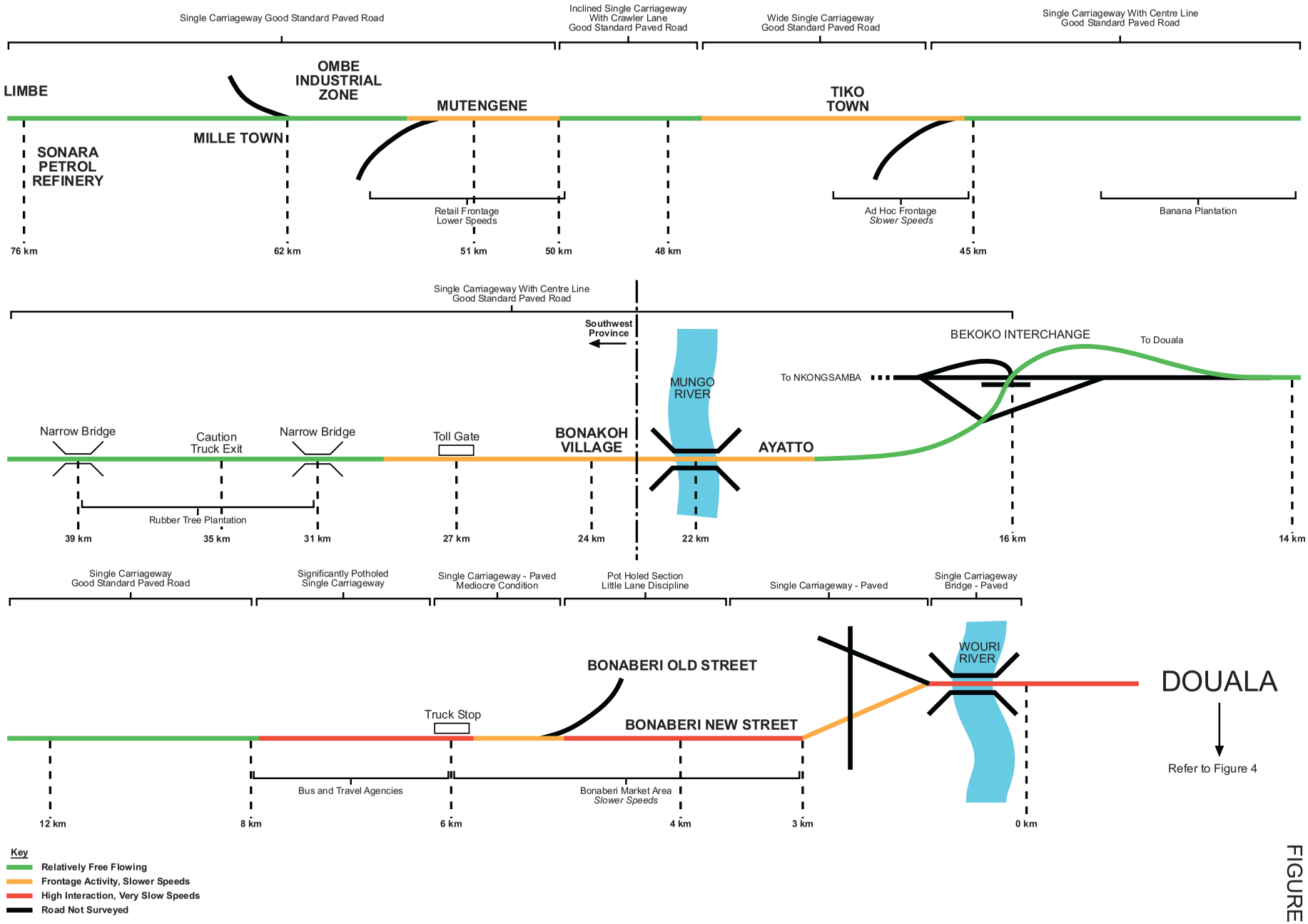

DOUALA - LIMBE ROAD CONDITIONS AND CHARACTER AREAS

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FIGURE 5.5.2

K:\D116914 Dibamba\Drawings\Freehand\Sections.fh11.1

FIGURE 5.5.3

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ROUTE SELECTION THOUGH DOUALA

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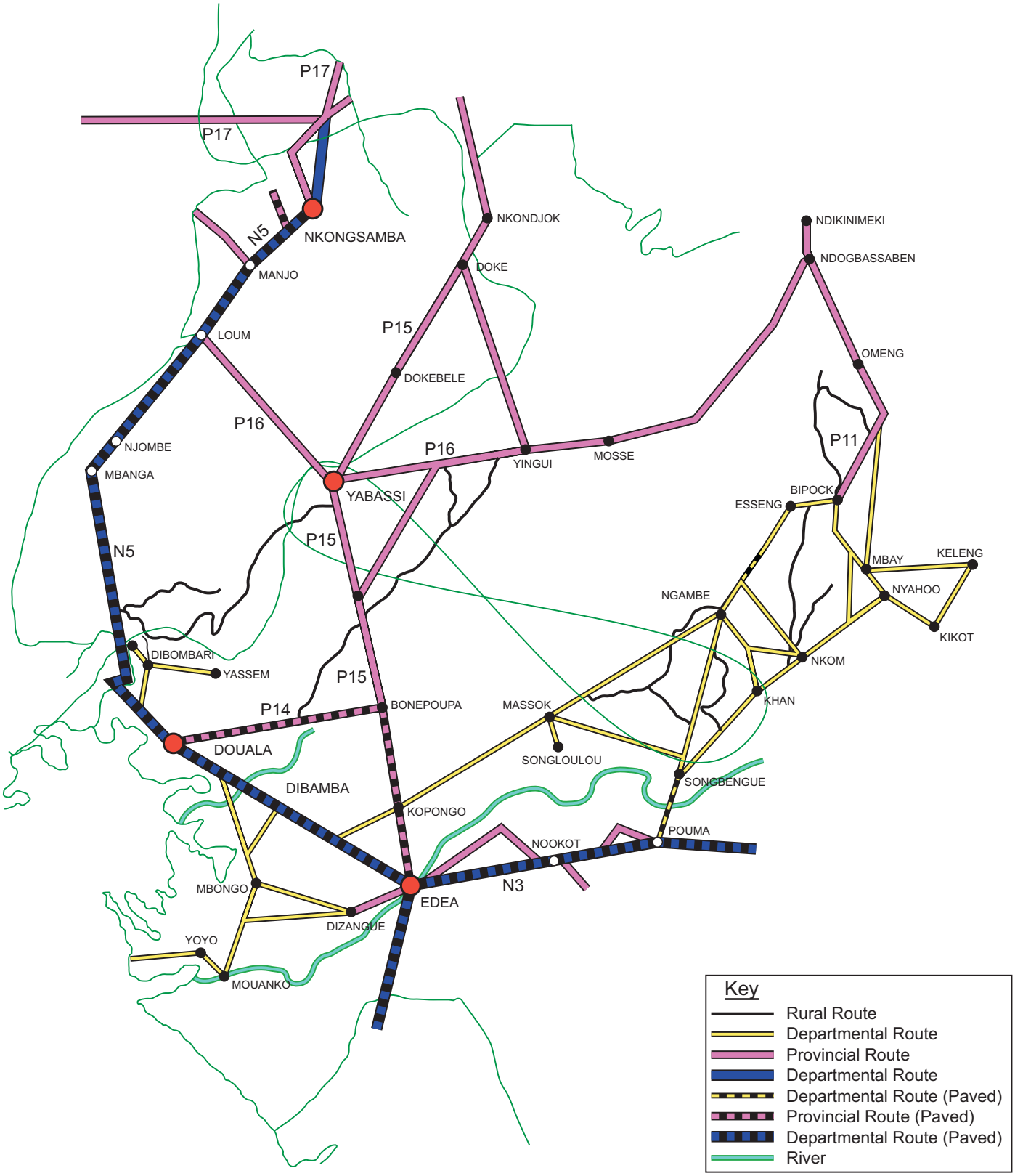
K:\D116914 Dibamba\Drawings\Freehand\Douala Route.fh11.1

FIGURE 5.5.4



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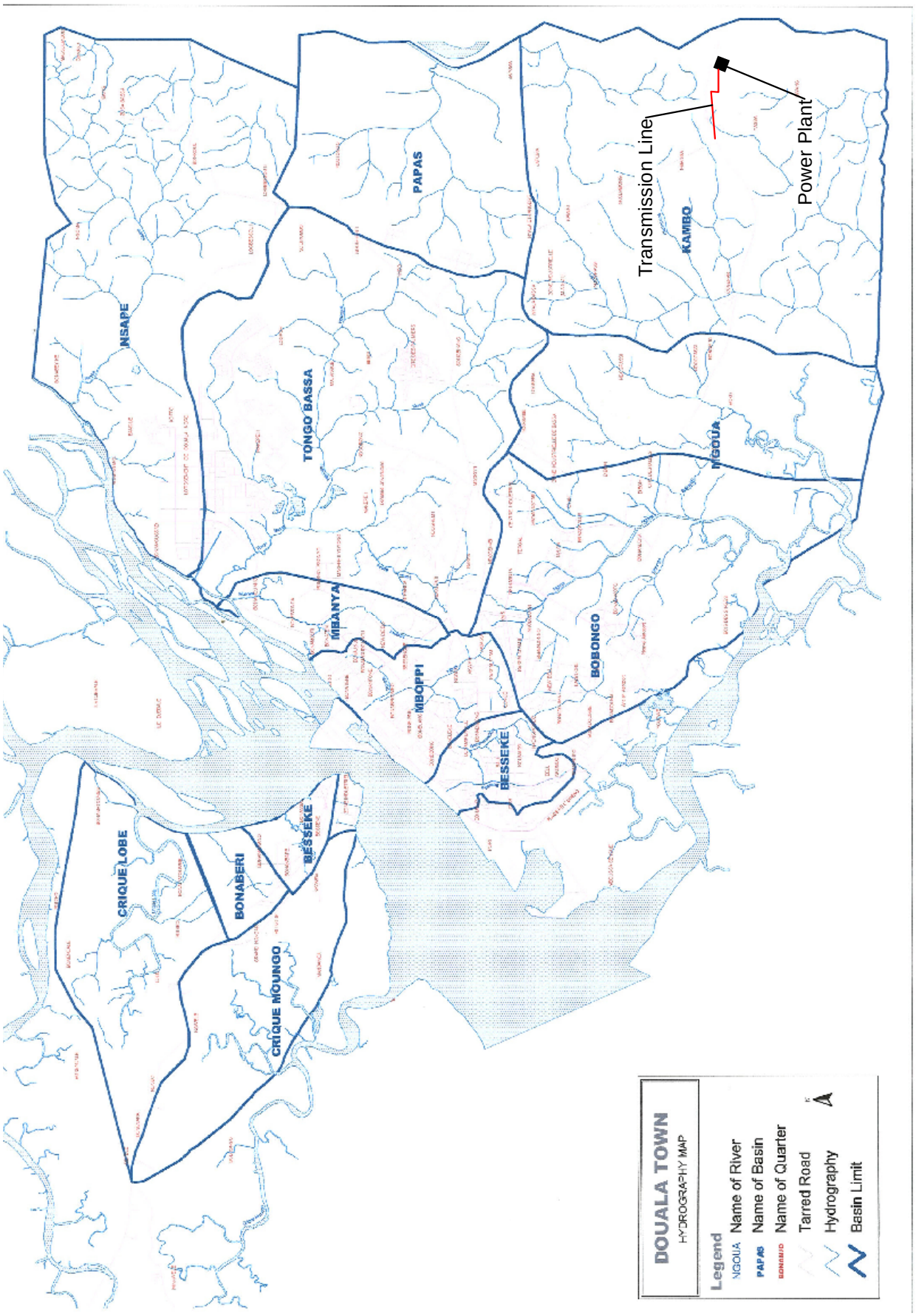
LITTORAL PROVINCE CLASSIFIED NETWORK

K:\D116914 Dibamba\Drawings\Freehand\Network.fh11.1



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PROJECT SITE AND
LOCAL HYDROLOGY

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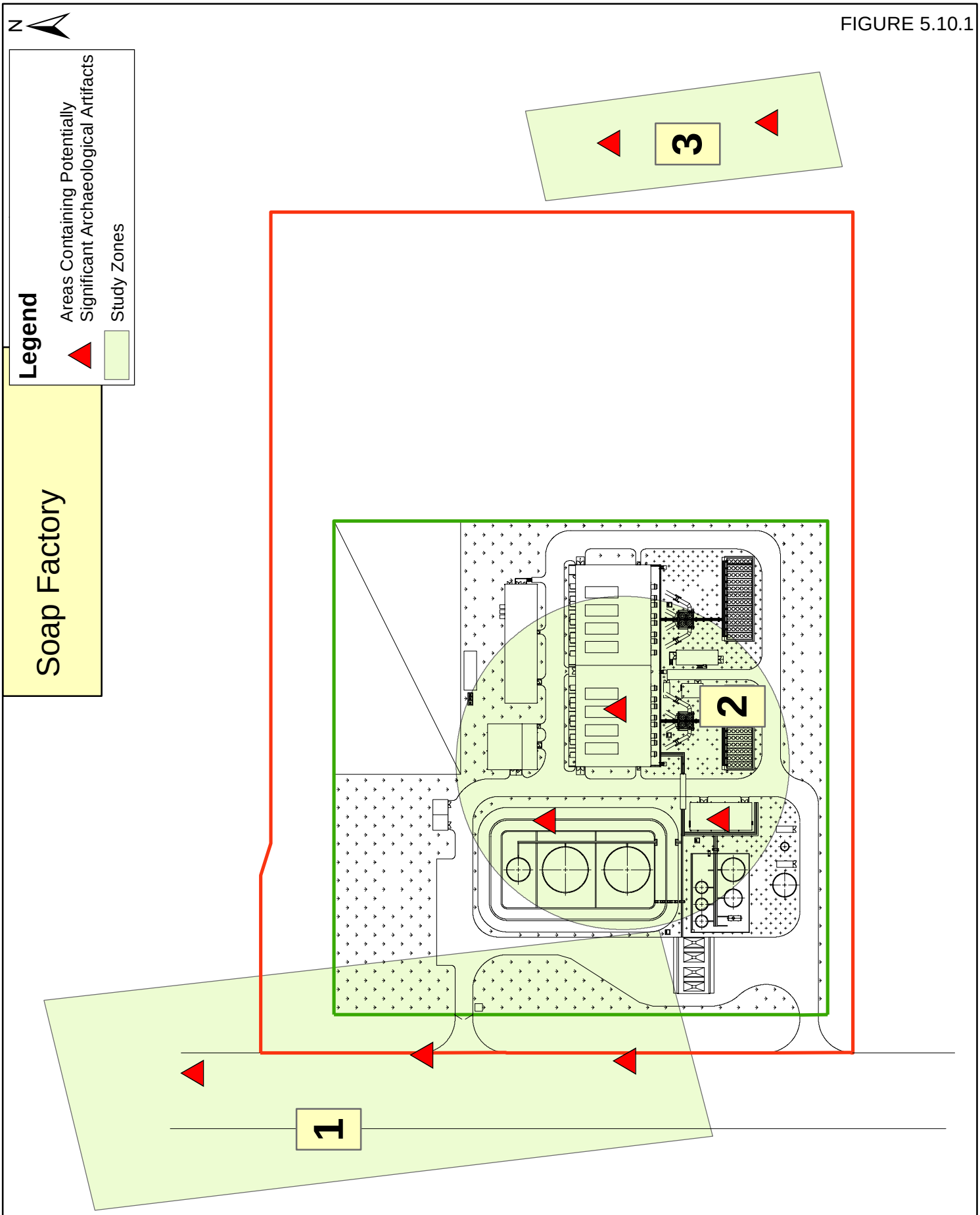
FIGURE 5.10.1



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SITE LOCATION AND AREAS CONTAINING POTENTIALLY SIGNIFICANT ARCHAEOLOGICAL ARTIFACTS

D116914_006

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