

## **2 Annex - Noise dispersion maps**

## **2.1 Maps of noise dispersion near inhabited areas for the "zero" alternative**

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara (km 95 to km 114)

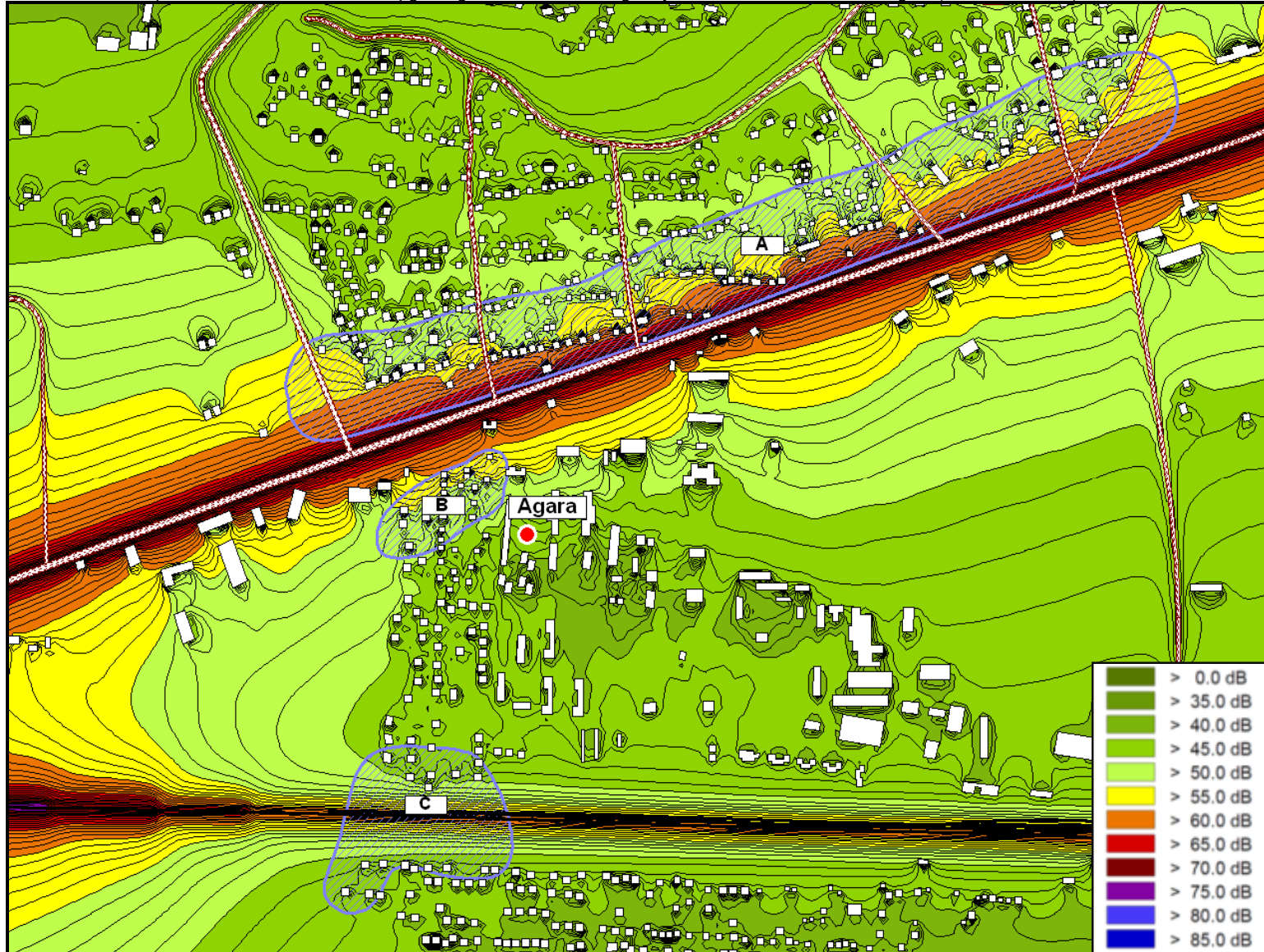
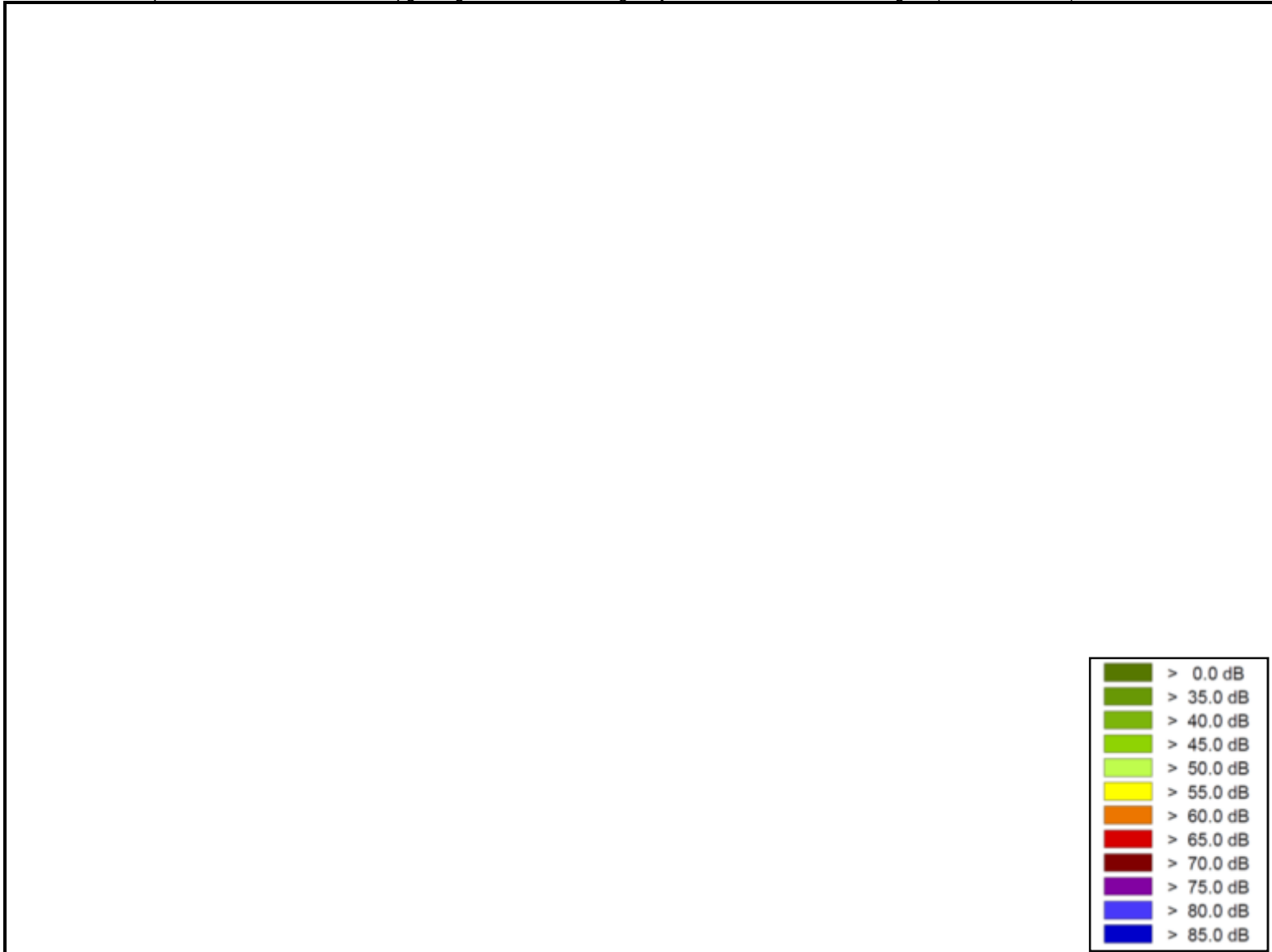


Figure 2.1.1 Day time noise levels  $L_d$  for roads sub-section from 108.3 km to 111.1 km of the existing road (Agara settlement)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara (km 95 to km 114)



**Figure 2.1.2** Night time noise levels  $L_n$  for roads sub-section from 108.3 km to 111.1 km of the existing road (Agara settlement)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara (km 95 to km 114)

## **2.2 Maps of noise dispersion near inhabited areas for the Project alternative 1**

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara (km 95 to km 114)

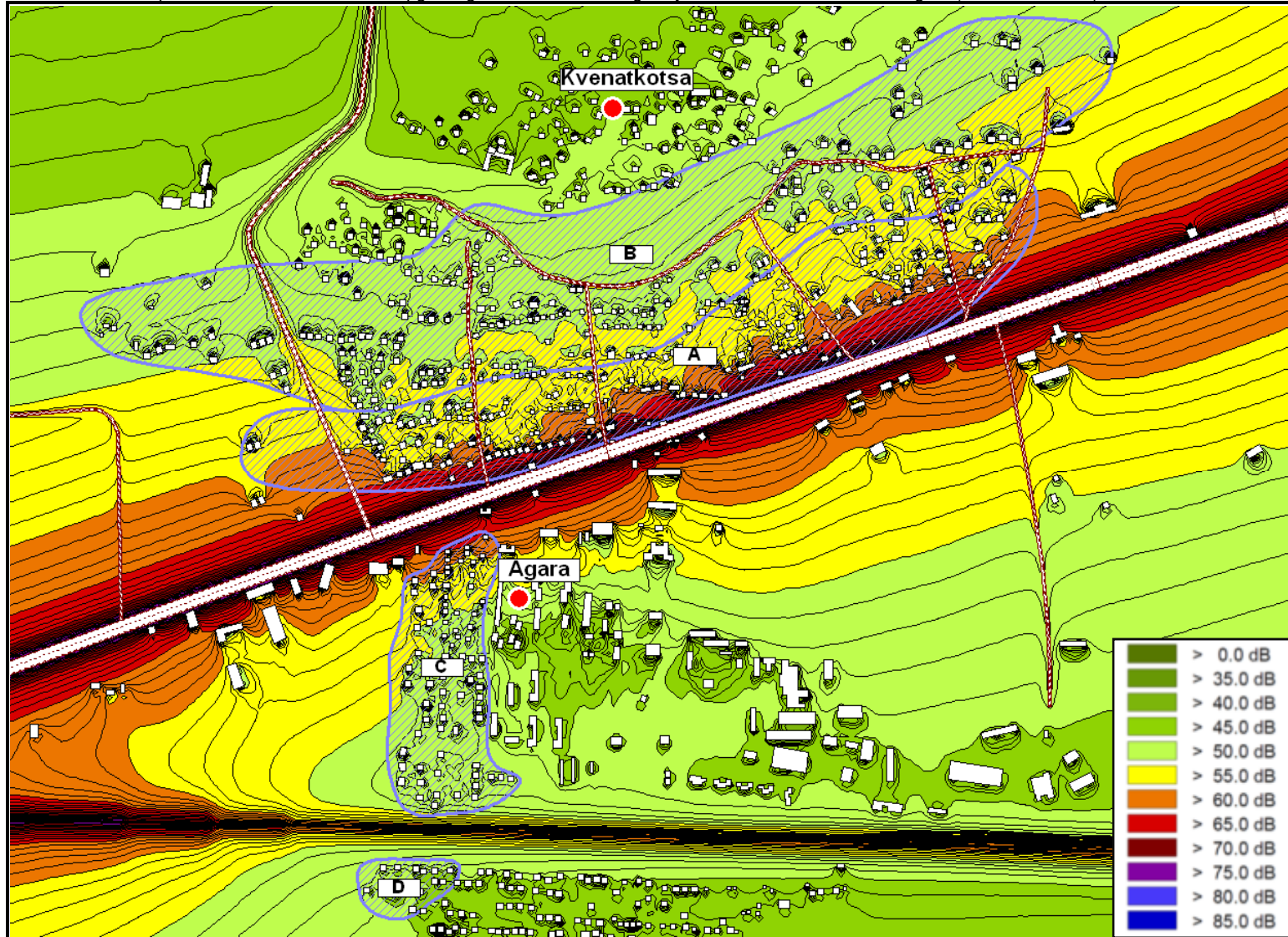
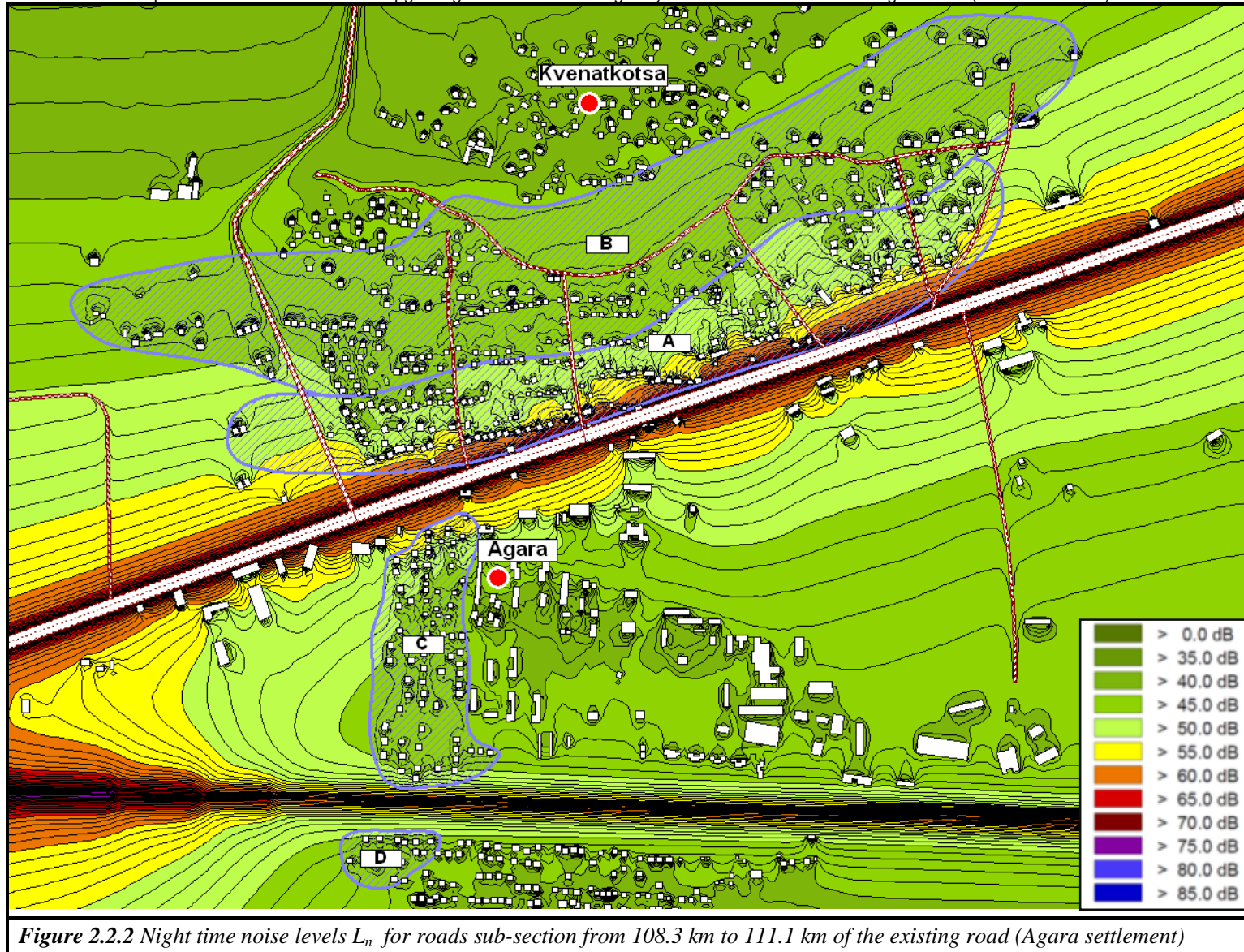


Figure 2.2.1 Day time noise levels  $L_d$  for roads sub-section from 108.3 km to 111.1 km of the existing road (Agara settlement)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara West (km 95 to km 114)



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### **2.3 Maps of noise dispersion near inhabited areas for the Project alternative 2**



Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara West (km 95 to km 114)

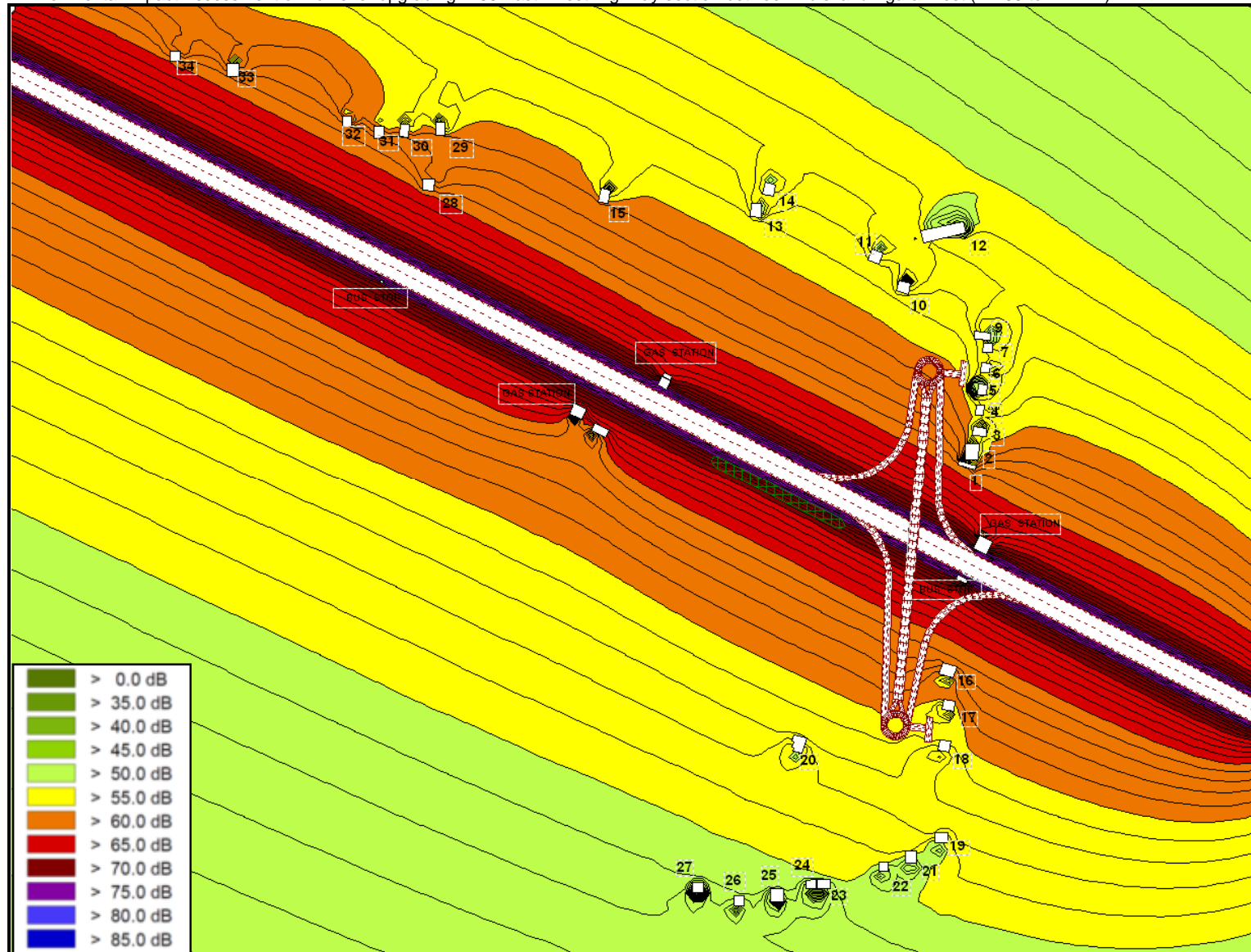


Figure 2.3.1 Modelled daytime noise levels  $L_d$  for road sub-section from 95 km to 96.2 km of E-60 EWH (Project alternative 2)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara West (km 95 to km 114)

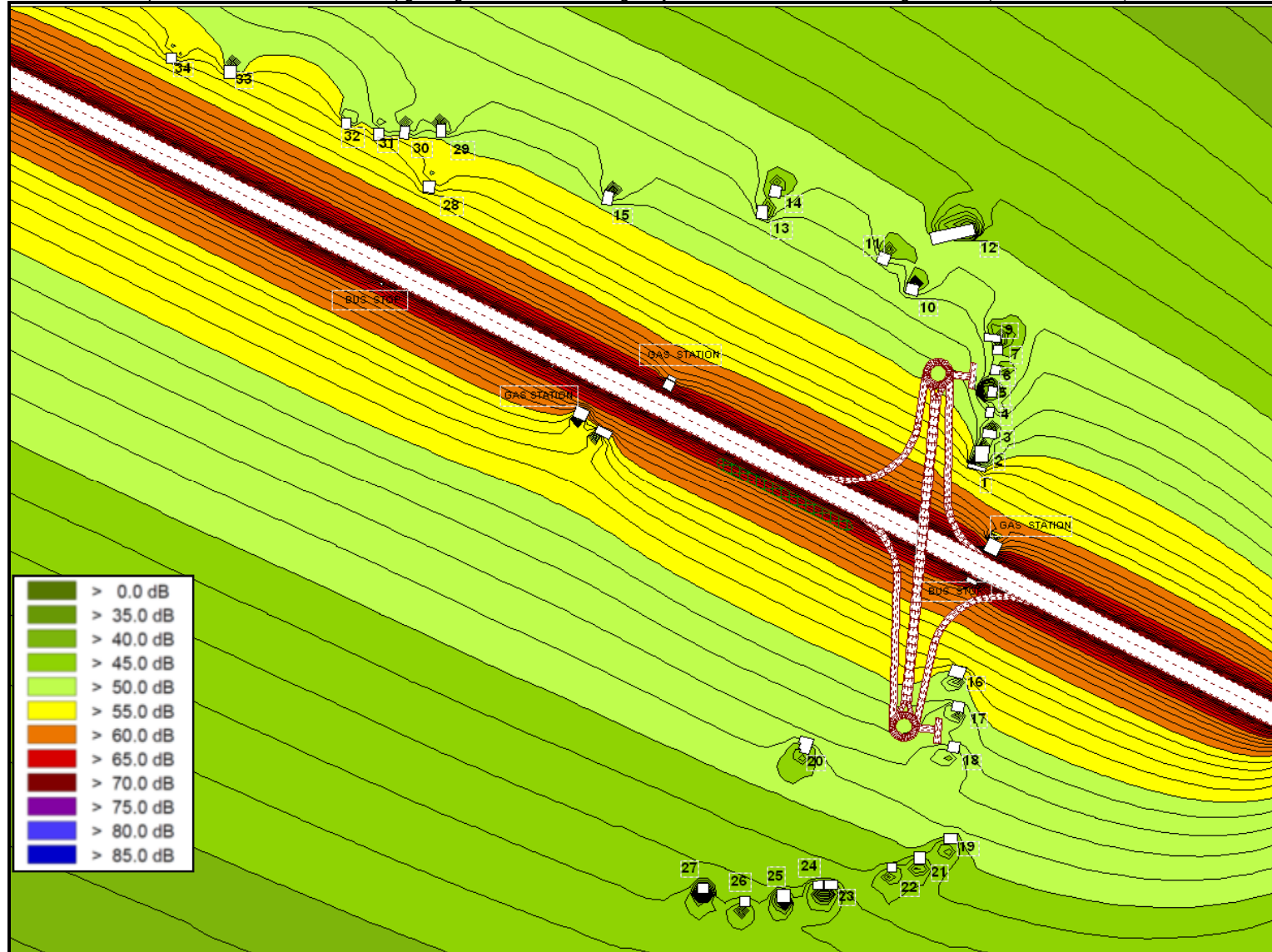


Figure 2.3.2 Modelled night time noise levels  $L_n$  for road sub-section from 95 km to 96.2 km of E-60 EWH ((Project alternative 2)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara West (km 95 to km 114)

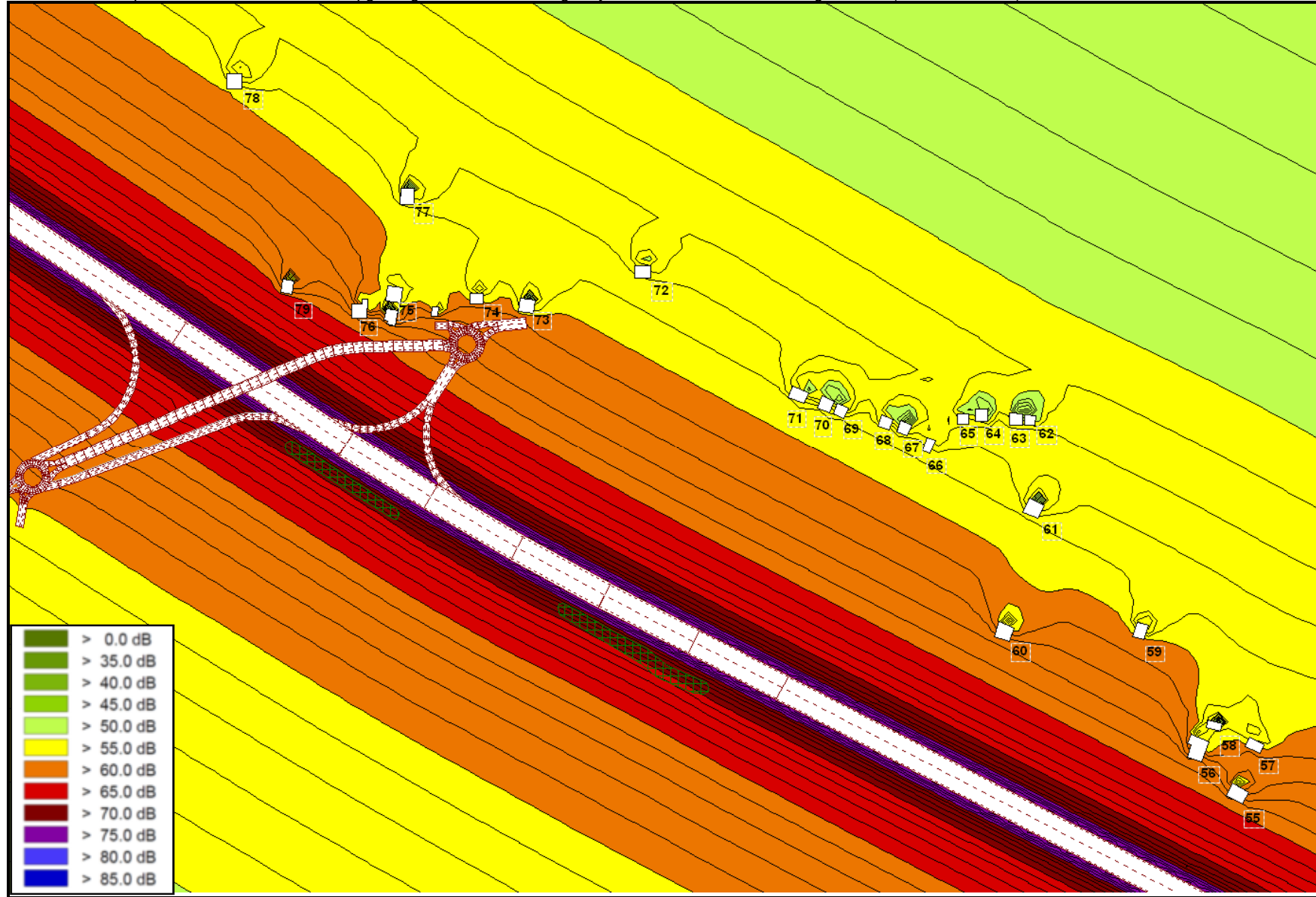


Figure 2.3.3 Modelled daytime noise levels  $L_d$  for road sub-section from 97.4 km to 98.7 km of E-60 EWH (Project alternative 2)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara West (km 95 to km 114)

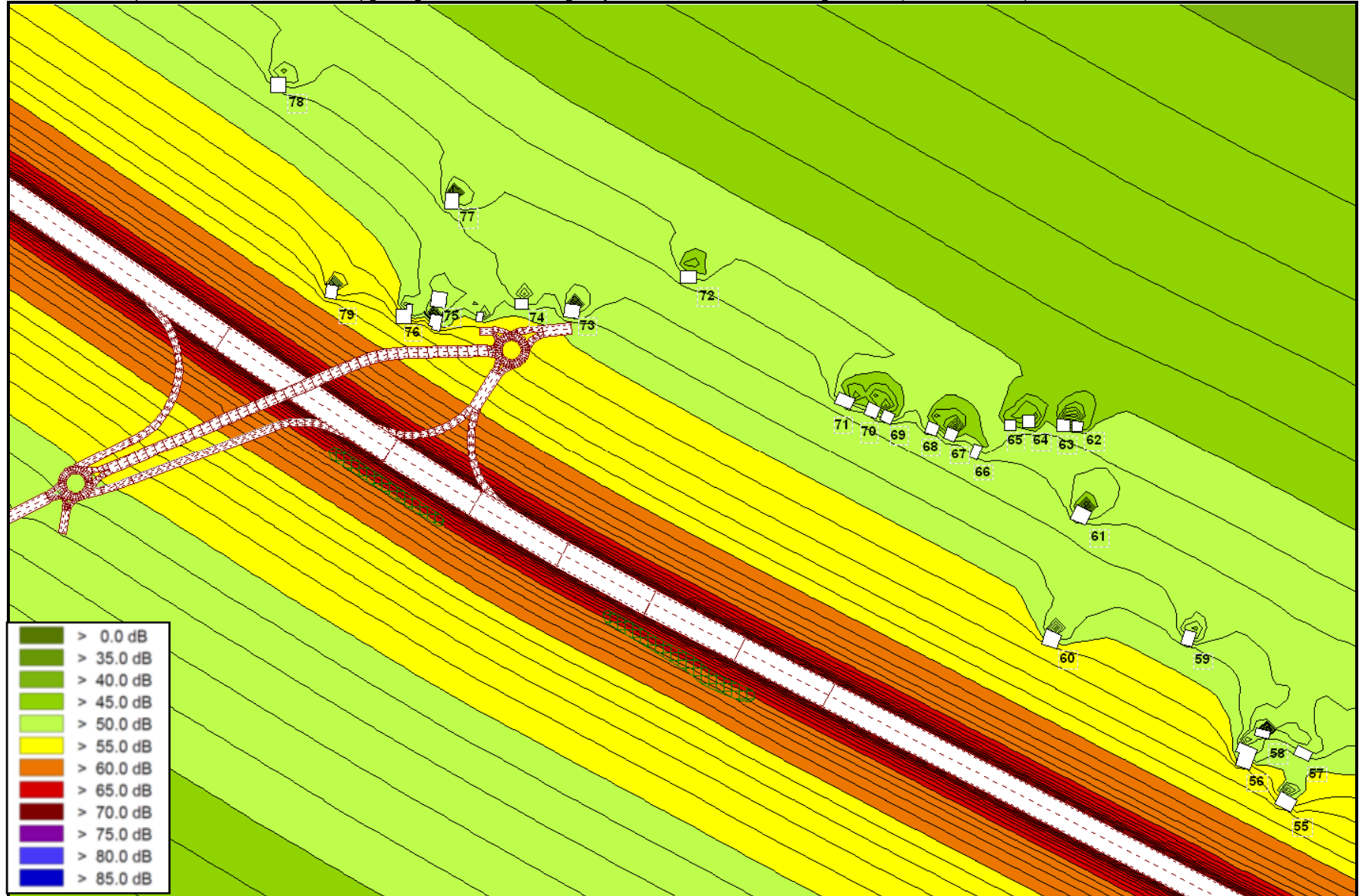


Figure 2.3.4 Modelled night time noise levels  $L_n$  for road sub-section from 97.4 km to 98.7 km of E-60 EWH (Project alternative 2)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara West (km 95 to km 114)

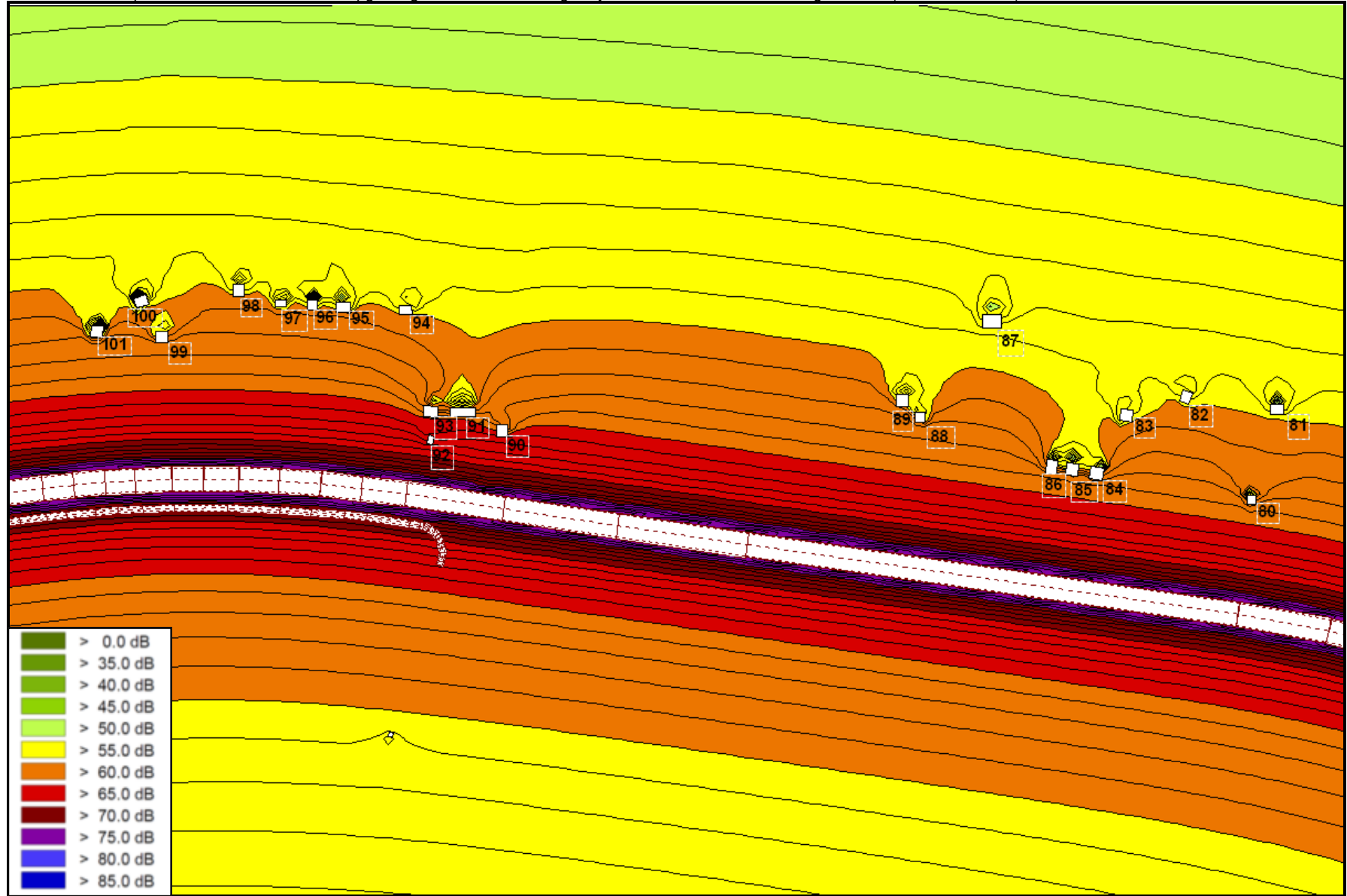


Figure 2.3.5 Modelled daytime noise levels  $L_d$  for road sub-section from 103.3 km to 104.7 km of E-60 EWH (Project alternative 2)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara West (km 95 to km 114)

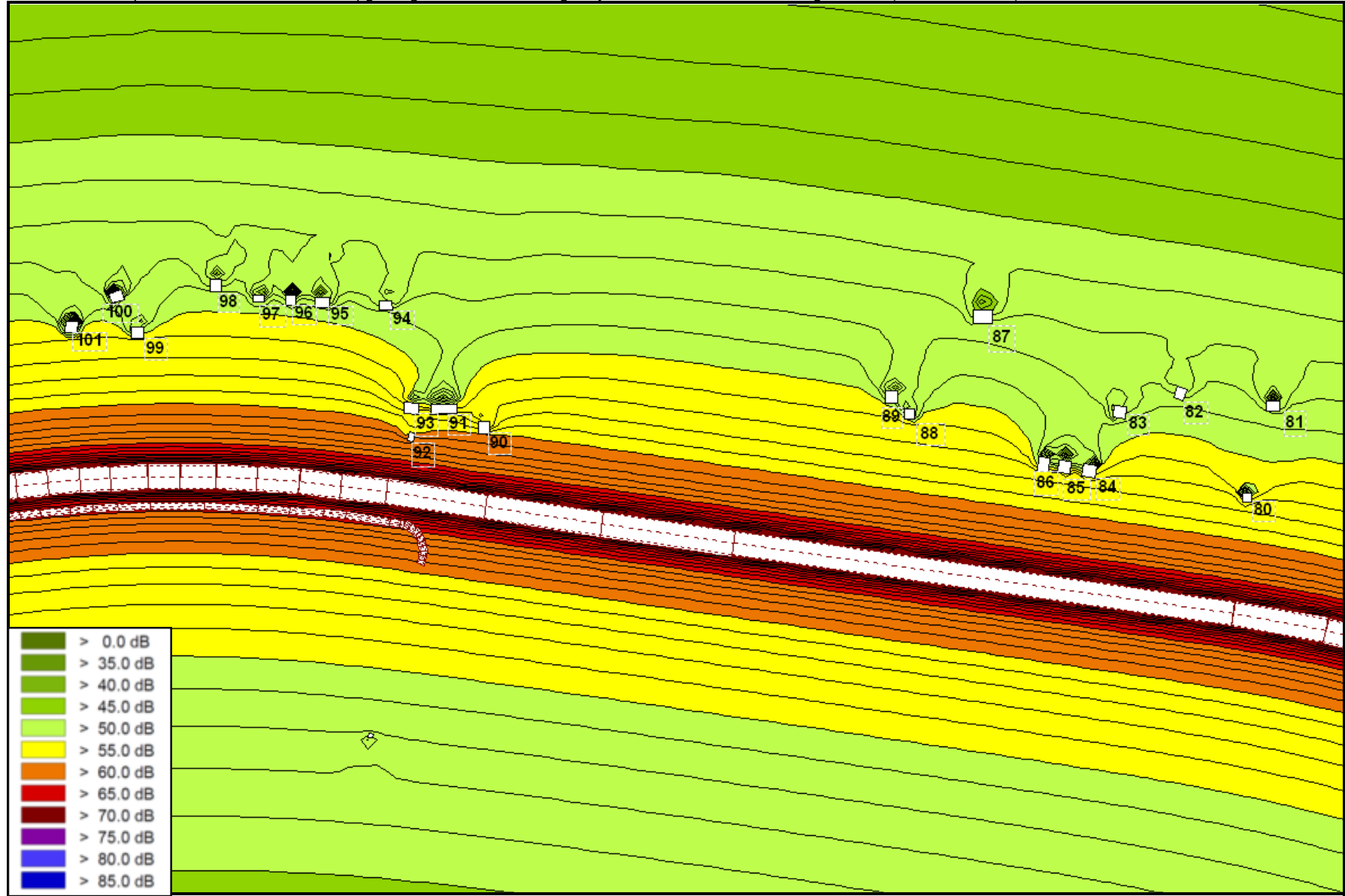
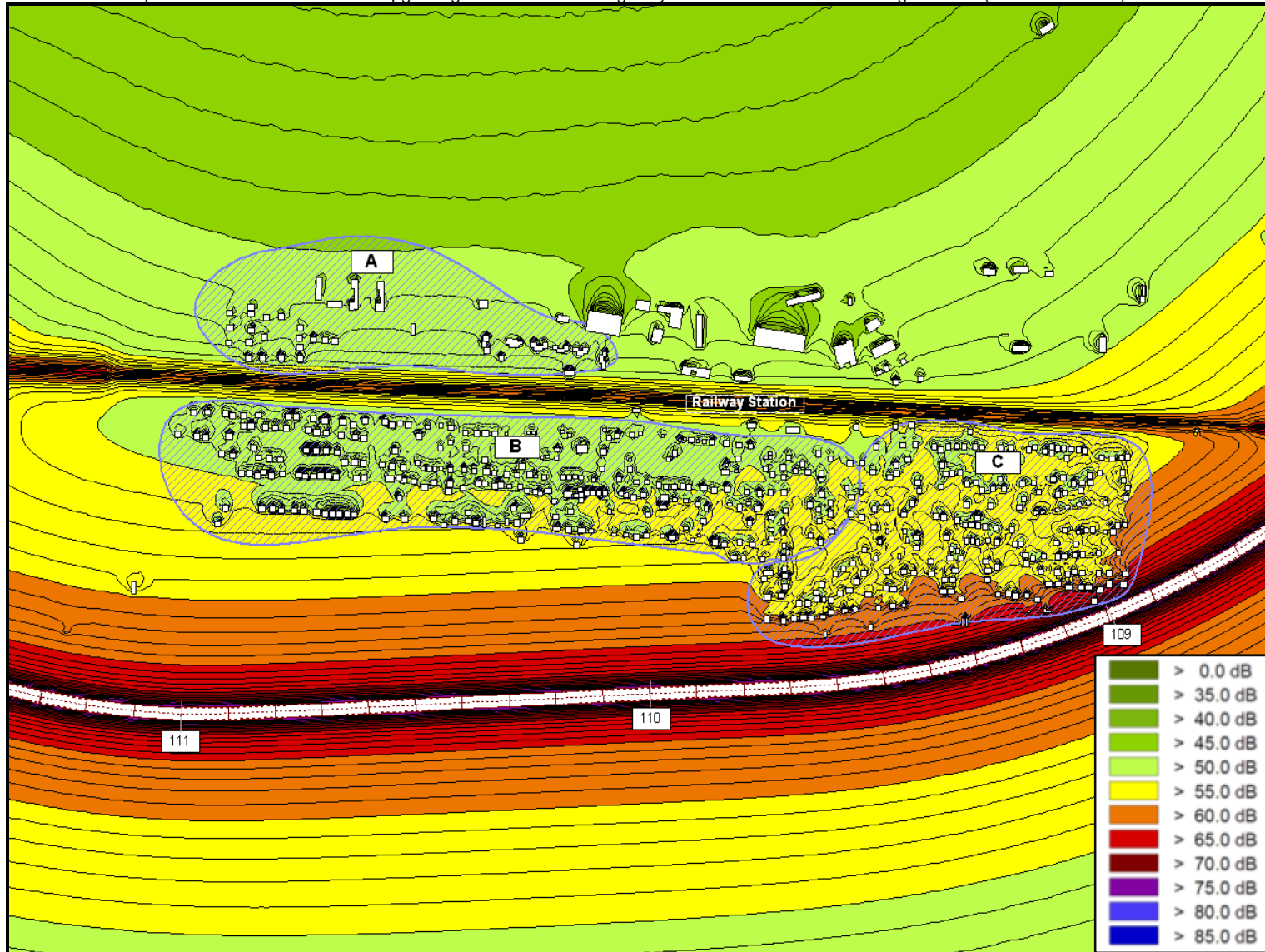


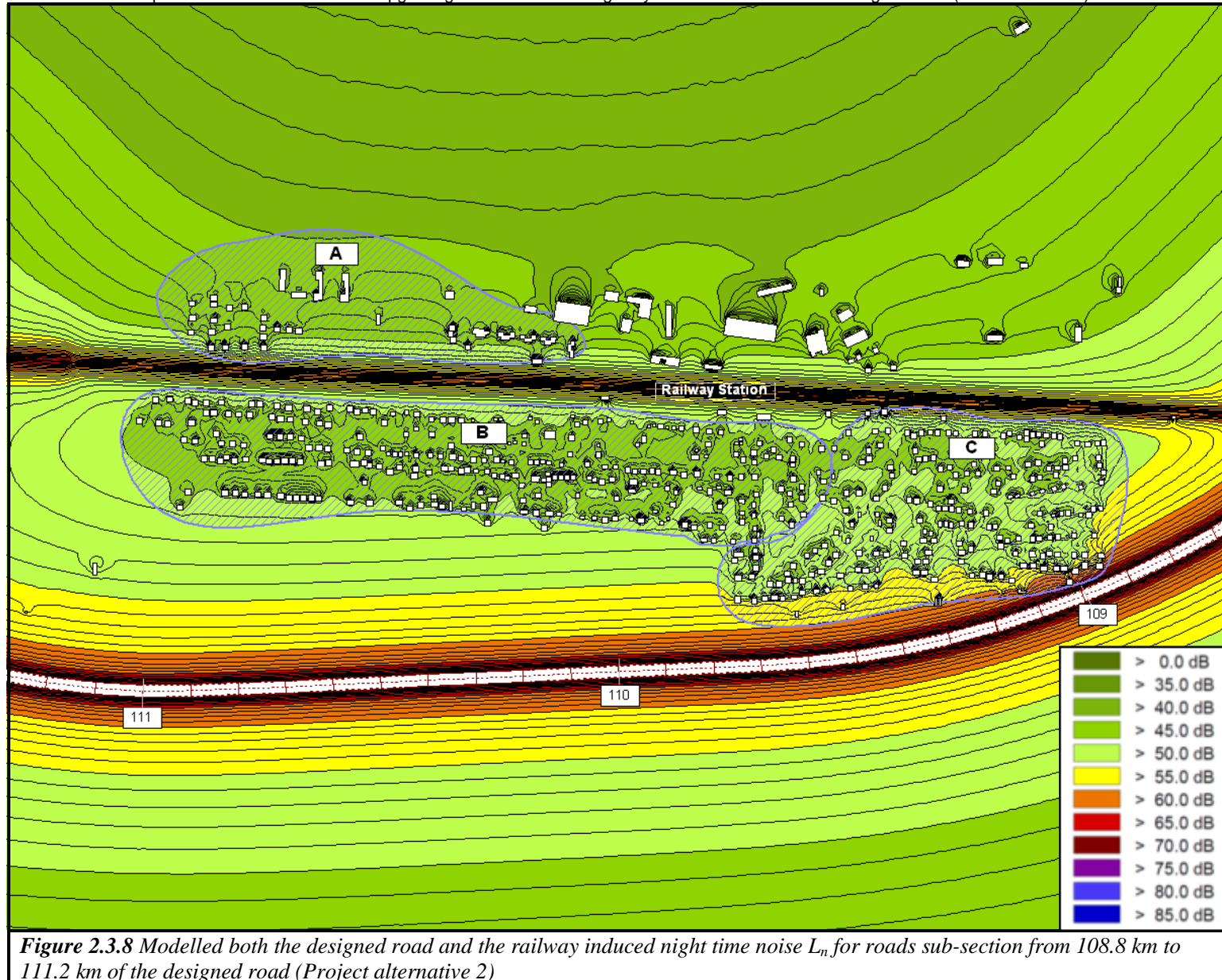
Figure 2.3.6 Modelled night time noise levels  $L_n$  for road sub-section from 103.3 km to 104.7 km of E-60 EWH (Project alternative 2)

Environmental Impact Assessment of works for upgrading E-60 East -West Highway section between Ruisi and Agara West (km 95 to km 114)



**Figure 2.3.7** Modelled both the designed road and the railway induced daytime noise  $L_d$  for roads sub-section from 108.8 km to 111.2 km of the designed road (Project alternative 2)

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**Figure 2.3.8** Modelled both the designed road and the railway induced night time noise  $L_n$  for roads sub-section from 108.8 km to 111.2 km of the designed road (Project alternative 2)

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