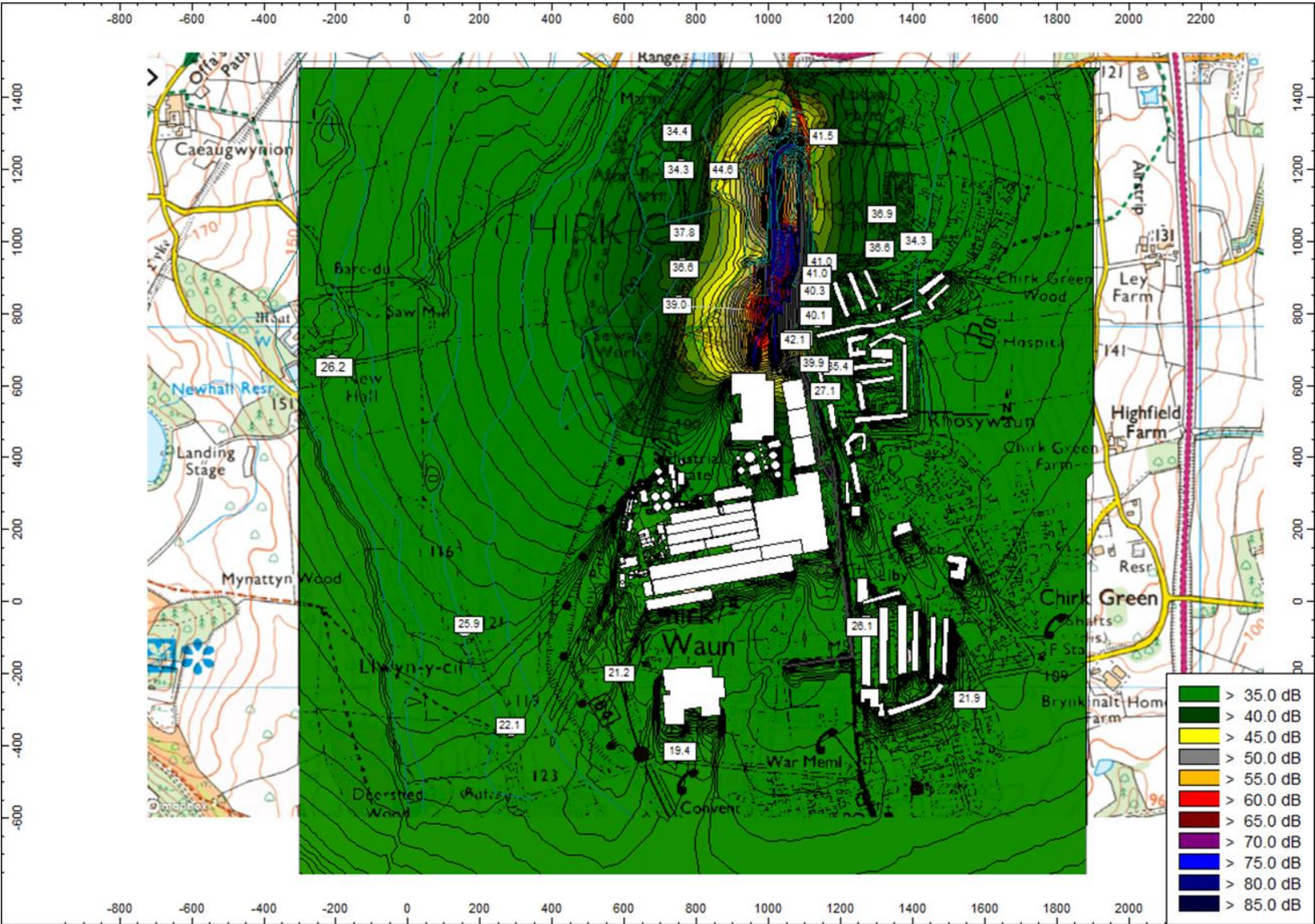


APPENDIX 8.6 Rev A

NOISE MAPPING RESULTS

NOISE MAP 8-1: NOISE CONTOURS FOR DAYTIME OPERATIONS (WITH MITIGATION)



The map displays the Chirk area with various geographical features and infrastructure. The proposed development is highlighted in white. The noise contours are color-coded according to the legend:

- > 35.0 dB (Green)
- > 40.0 dB (Dark Green)
- > 45.0 dB (Yellow)
- > 50.0 dB (Light Green)
- > 55.0 dB (Orange)
- > 60.0 dB (Red)
- > 65.0 dB (Dark Red)
- > 70.0 dB (Purple)
- > 75.0 dB (Blue)
- > 80.0 dB (Dark Blue)
- > 85.0 dB (Very Dark Blue)

The map also shows existing infrastructure, including roads, railways, and other developments. The noise contours are overlaid on the map to show the predicted noise levels across the area.

