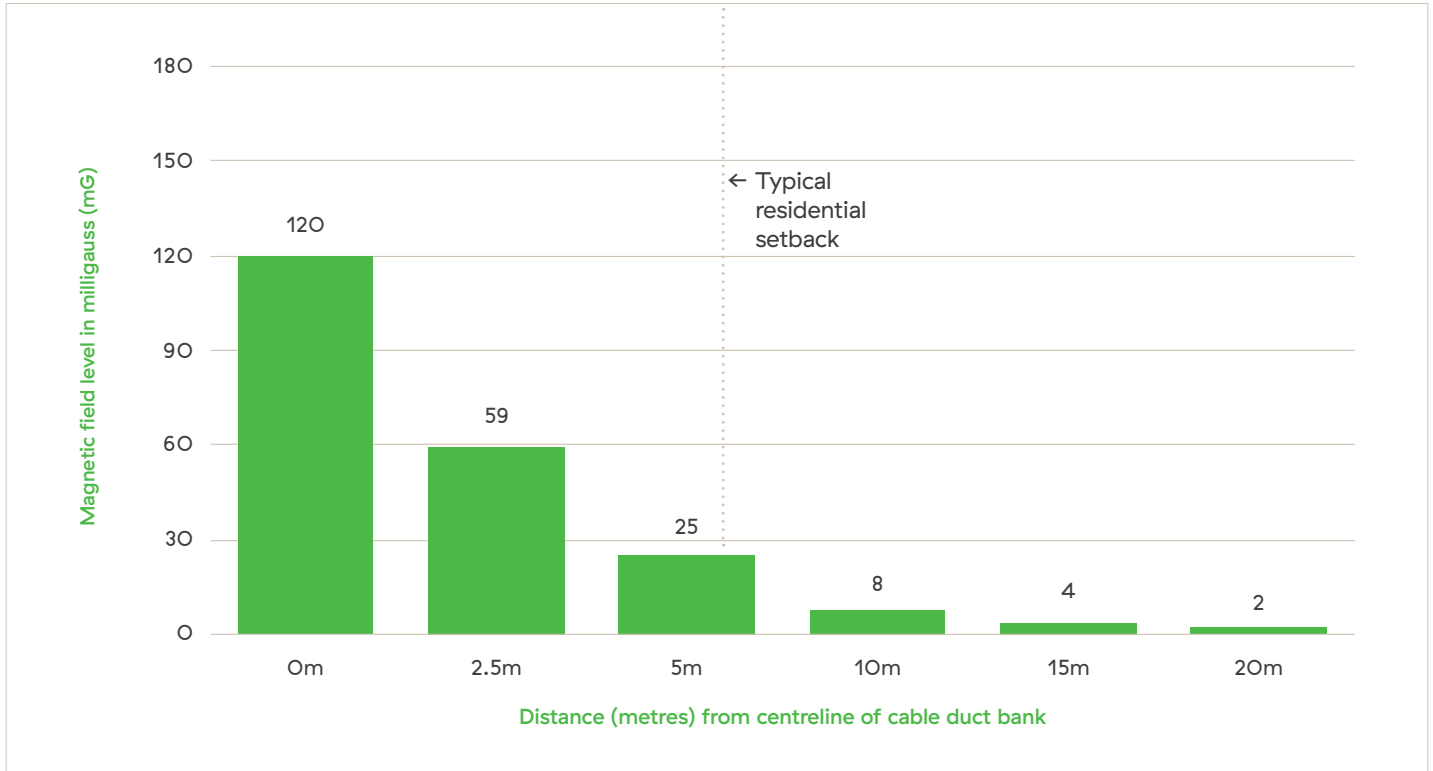


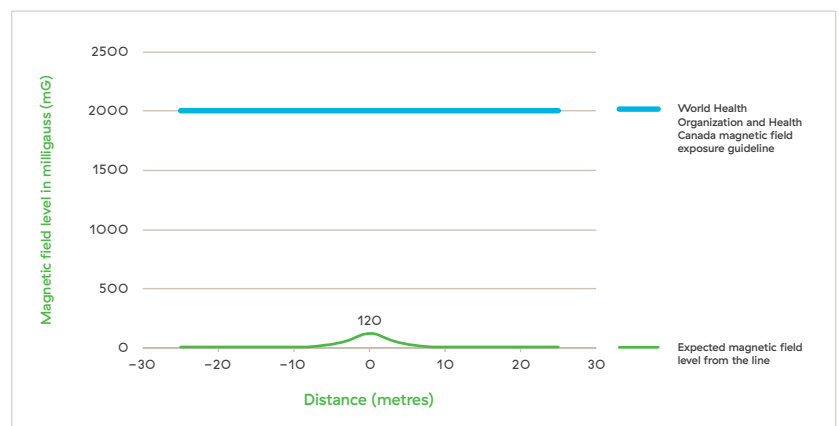
# Metro North Transmission Project

## Typical magnetic field level along the Burnaby section of the underground line



- These estimates are based on measurements at one metre above ground and for an estimated average electricity load.
- The World Health Organization endorses a residential magnetic field exposure limit of 2000 milligauss (mG).
- Typical residential zone bylaw for Burnaby requires a set back of 6m or more.

If you would like to learn more about electric and magnetic fields, please request a copy of our booklet called Understanding Electric and Magnetic Fields or visit our website at [bchydro.com/emf](http://bchydro.com/emf).



## To Learn More:

If you would like to learn more about EMF, we recommend the following sources:

### BC Hydro's EMF Website

Find the resources below, and new information on an ongoing basis, at our links pages on EMF: [bchydro.com/emf](https://bchydro.com/emf)

### EMF and Health: Review and Update of the Scientific Research

This report was prepared by Exponent to assess the current status of research regarding the potential for health effects from exposure to EMF. Exponent is a leading technical and scientific research firm that provides BC Hydro with a regular weight-of-evidence review on current EMF research. [bchydro.com/emf](https://bchydro.com/emf)

### Health Canada

This fact sheet contains basic information about EMF, typical Canadian exposures, and Health Canada's role. It's Your Health Fact Sheet: Electric and Magnetic Fields at Extremely Low Frequencies  
[hc-sc.gc.ca/hl-vs/alt\\_formats/pdf/iyh-vsv/environ/magnet-eng.pdf](https://hc-sc.gc.ca/hl-vs/alt_formats/pdf/iyh-vsv/environ/magnet-eng.pdf)

### BC Centre for Disease Control

This site includes statements from experts, information on scientific studies, and resources for more information.  
[bccdc.ca/health-info/health-your-environment/electro-magnetic-exposures](https://bccdc.ca/health-info/health-your-environment/electro-magnetic-exposures)

### World Health Organization

This site from the United Nations health agency provides links to EMF fact sheets, extensive research publications, and general information about EMF: [who.int/peh-emf/en](https://who.int/peh-emf/en)

### National Institute of Environmental Health Sciences

The US National Institute site provides information on research conclusions and results, and overall information regarding EMF. [niehs.nih.gov/health/topics/agents/emf/index.cfm](https://niehs.nih.gov/health/topics/agents/emf/index.cfm)

### Canadian Electricity Association

The Canadian Electricity Association (CEA) is the professional association of electrical companies across Canada. You can find information about the CEA's commitments to safety and EMF research on the site. [emf.electricity.ca](https://emf.electricity.ca)

### For more information:

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