

Appendix B.

Summary Tables.

<u>Address.</u>	<u>Probability of a landslide.</u>	<u>Estimated Size of Landslide.</u>	<u>Distance from the Slope Crest to House¹.</u>	<u>Partial Risk to the House²</u>	<u>Vulnerability of House.</u>	<u>Specific Risk to House.</u>
710 West 17 th St.	High	8 x 3	5.5 m	Moderate	High	High
711 West 18 th St.	High	8 x 3	6 m south half 8 m north half	Moderate ²	Moderate	Moderate
1805 Bewicke Ave	High	10 x 6	22 m	Very Low	Moderate	Very Low
1815 Bewicke Ave	High	20 x 10	16 m	Very Low ²	Moderate	Very Low
1821 Bewicke Ave	High	20 x 10	7 m	Moderate ²	Moderate	Moderate
1845 Bewicke Ave	High	8 x 4	4.2 to 10 m	High	Moderate	High
626 West 19 th St.	Low ³ High	10 x 3	6 m 10 m	Low	Moderate	Low
1931 Westview Dr.	High	5 x 3	34 m	Very low	Moderate	Very Low
1935 Westview Dr.	High	5 x 3	30 m	Very low	Moderate	Very Low
1945 Westview Dr.	High	5 x 3	24 m	Very low	Moderate	Very Low
1957 Westview Dr.	High	10 x 3	18 m	Very low	Moderate	Very Low
2009 Westview Dr.	Low	5 x 2	11.5 m	Low	Moderate	Low
2015 Westview Dr.	High	15 x 3	13.5 m	Moderate	Moderate	Moderate
2017 Westview Dr.	Moderate	6 x 2	6.2 m	Moderate	Moderate	Moderate
2041 Westview Dr.	High	10 x 2	8.4 m	Moderate ²	High	High
2049 Westview Dr.	High	15 x 6	7.2 m	Very High	High	Extreme
2059 Westview Dr.	High	10 x 3	0 m	High	Moderate	High
2069 Westview Dr.	Moderate	7 x 2	0 m	High	Moderate	High
2101 Westview Dr.	High	10 x 2	1 m	High	High	Very High
2103 Westview Dr.	High	10 x 2	1 m	High	High	Very High
2117 Westview Dr.	High	10 x 2	25 m	Low ²	Moderate	Low
2121 Westview Dr.	High	10 x 2	34 m	Low	Moderate	Low
625 West 22 nd St.	Low	6 x 2	3 m	Low	Low	Very Low
626 West 22 nd St.	Low	8 x 2	0 m	Moderate	Low	Low
622 West 22 nd St.	Low	8 x 2	4.2 m	Low ²	Moderate	Low
625 West 23 rd St.	Low ⁴	10 x 3	6.5 m	Low ⁴	Moderate	Low
632 West 23 rd St.	High	20 x 4	3 to 4 m	Very High	Moderate	Very High

Summary Table B1: Specific risk to houses near the slope crest under static conditions.

¹ The distance is measured to the closest point of the foundation. Sundecks often extend closer to the slope.

² The partial risk to the sundeck is higher (see discussion in report).

³ Slope adjacent to house has been stabilized.

⁴ Hazard and risk depend on as-built stabilization measures (see discussion in report).

<u>Address.</u>	<u>Probability of a landslide.</u>	<u>Partial Risk to the House.</u>	<u>Vulnerability of House.</u>	<u>Specific Risk to House.</u>
710 West 17 th St.	High	Moderate	High	High
711 West 18 th St.	High	High ¹	Moderate	High
1805 Bewicke Ave	High	Low	Moderate	Low
1815 Bewicke Ave	High	Moderate ¹	Moderate	Moderate
1821 Bewicke Ave	High	High ¹	Moderate	High
1845 Bewicke Ave	High	High	Moderate	High
626 West 19 th St.	Moderate High	Moderate ²	Moderate	Moderate ²
1931 Westview Dr.	High	Low	Moderate	Low
1935 Westview Dr.	High	Low	Moderate	Low
1945 Westview Dr.	High	Low	Moderate	Low
1957 Westview Dr.	High	Low	Moderate	Low
2009 Westview Dr.	High	Low	Moderate	Low
2015 Westview Dr.	High	High	Moderate	High
2017 Westview Dr.	High	High	Moderate	High
2041 Westview Dr.	High	High ¹	High	Very High
2049 Westview Dr.	High	High	High	Very High
2059 Westview Dr.	High	High ¹	Moderate	High
2069 Westview Dr.	High	High	Moderate	High
2101 Westview Dr.	High	High	High	Very High
2103 Westview Dr.	High	High	High	Very High
2117 Westview Dr.	High	Low ^{1,2}	Moderate	Low
2121 Westview Dr.	High	Low	Moderate	Low
625 West 22 nd St.	Moderate	Moderate	Low	Low
626 West 22 nd St.	Moderate	Moderate	Low ³	Low
622 West 22 nd St.	Moderate	Moderate ¹	Moderate	Moderate
625 West 23 rd St.	Moderate	Moderate ⁴	Moderate	Moderate ⁴
632 West 23 rd St.	High	High	High	Very High

Summary Table B3. Specific risk to houses near the slope crest under seismic conditions⁵.

¹ Partial risk to sundeck is higher.

² Assumes that the retaining wall is stable under seismic conditions.

³ Depends on lateral stability of piled foundation.

⁴ Depends on as-built of stabilization measures (see discussion in report).

⁵ The risk ratings under seismic conditions are based on different criteria and have fewer rating classes than under static conditions. A lower rating under seismic conditions than under static conditions does not mean the risk is reduced under seismic conditions. The two risk rating systems are independent.

<u>Address.</u>	<u>Probability of a landslide.</u>	<u>Distance to Services.</u>	<u>Partial Risk to U/G Services.</u>
710 West 17 th St.	High	Estimated 6 m to sewer lateral.	Moderate
711 West 18 th St.	High	15 m to Sanitary Sewer.	Very Low
Bewicke @ West 19 th Street	Low	5 m to Sanitary Sewer.	Moderate
626 West 19 th St.	High	1.6 m to guywire 6 m to power pole	High
1931 Westview Dr.	High	11 m to Sanitary Sewer.	Low
1935 Westview Dr.	High	10 m to Sanitary Sewer.	Low
1945 Westview Dr.	High	10 m to Sanitary Sewer.	Low
1957 Westview Dr.	High	8.5 m to Sanitary Sewer.	Low
2009 Westview Dr.	Low	2 m to Sanitary Sewer.	Moderate
2015 Westview Dr.	High	3 m to Sanitary Sewer.	Very High
Laneway between West 23 rd and West 22 nd Streets.	Moderate	Possibly 2 m to storm sewer and rock pit.	High
West 23 rd St.	Low	0 m to Watermain on slope	Moderate

Summary Table B4. Summary of Partial Risks to Underground Services.