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Flood Awareness Report



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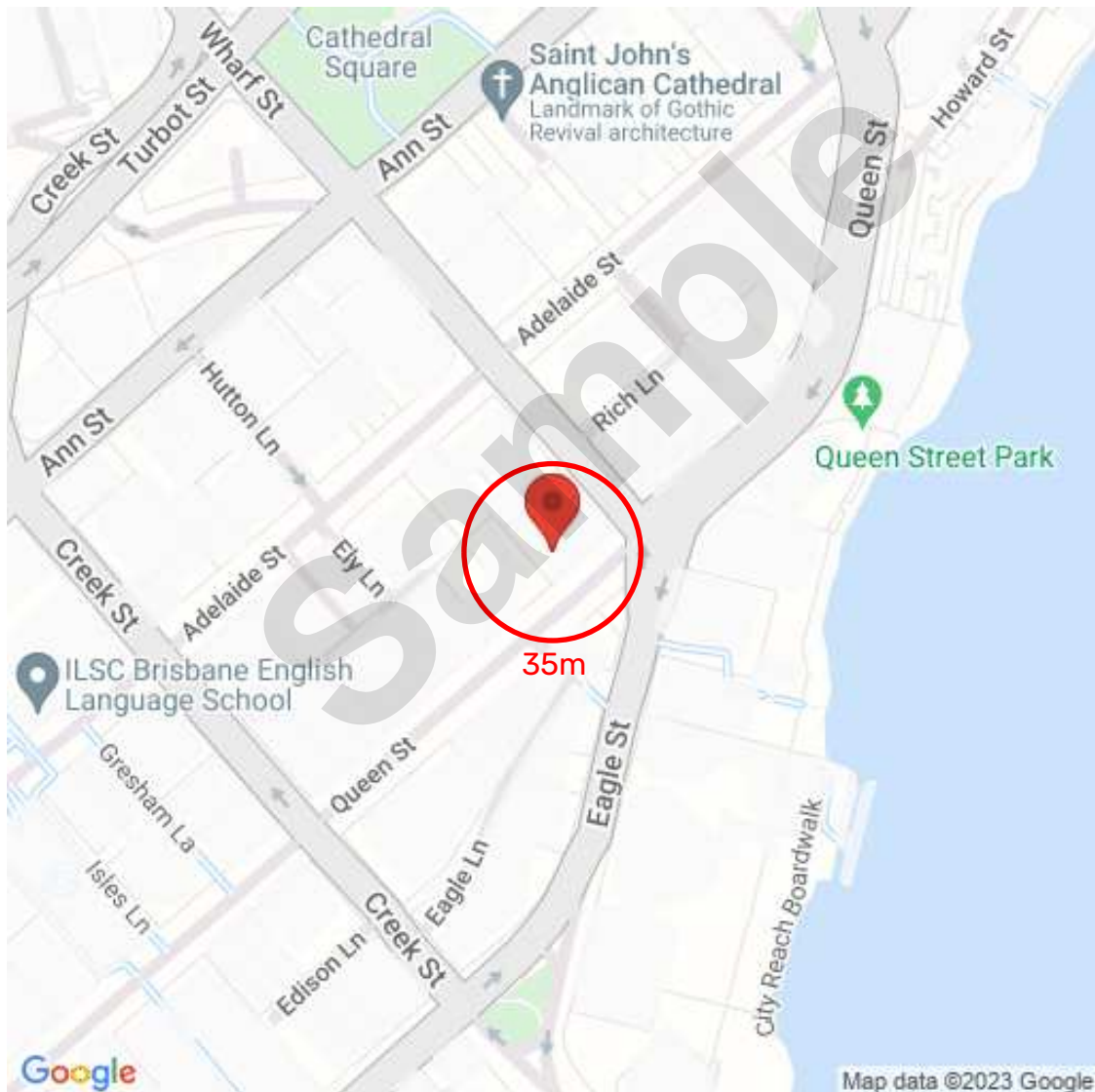
PROPERTY DETAILS

Address:

400 Queen St, Brisbane City QLD 4000

Search radius:

35 metres



ABOUT THIS REPORT

Climate Mapping Services Pty Ltd (CMS) is an Australian owned and operated company specialising in reporting of climate related risks. The flood risk assessment and site maps provided in this report are based on the flood maps of 5 or 30 meter resolution depending on the search location. Flood maps are provided by JBA Risk Management (JBA). JBA is a leading flood risk modeller to the international re-insurers market and other financial sectors.

CMS is an authorised reseller of JBA flood risk assessment data for the Australian market. The data provides consistent flood risk analysis to support improved decision making worldwide.

While climate and weather events can be predicted, they are not a certainty. The information provided in this report is indicative in nature for the specific location selected. It is not a substitute for detailed modelling or risk assessment and should not be relied on or used in the design, planning, production or modification of any flood mitigation, defence works or other construction.

For information on JBA's technical overview of the datasets used in this report, please contact CMS.

FLOOD INDICATION

The following table indicates if the specified location / search area is at risk from flooding for the assessed flood types and return periods. 'Y' represents that flooding is present; 'N' represents that no flooding is present; 'N/A' represents where data is not available and no assessment was conducted. Where river defence dataset suggests that the site is likely to benefit from a flood defence of some kind with an appropriate Standard of Protection (SoP), this is reflected in the table as Defendable (river).

SEARCH RADIUS: 35 metres

ADDRESS/SITE: 400 Queen St, Brisbane City QLD 4000

Latitude/Longitude: -27.4657828 / 153.0298399

Return Period (years)	Flooded (river undefendable)	Flooded (surface water)	Defendable (river)
1-20	Y	Y	Y
1-50	Y	Y	Y
1-100	Y	Y	Y
1-200	Y	Y	Y
1-500	Y	Y	Y

Flood data is provided by JBA Risk Management Limited (© JBA Risk Management Limited 2008-2022)

FLOOD EVALUATION

The following table presents summary flood statistics for the assessed location. The minimum (min), maximum (max) and mean flood depths for each return period assessed are provided. Blank spaces ('-') occur where no flooding is present; 'N/A' represents where data is not available, and no assessment was conducted.

Riverine Flooding (River) is where rivers break their banks and water covers the surrounding land.

Surface Water Flooding (Surface Water) occurs when an urban drainage system is overwhelmed and water flows out into streets and nearby structures.

SEARCH RADIUS: 35 metres

ADDRESS: 400 Queen St, Brisbane City QLD 4000

Latitude/Longitude: -27.4657828 / 153.0298399

Return Period		Indicative water depth (undefendable river)				Indicative water depth (surface water in meters)			
Years	AEP ⁱ	PAA ⁱⁱ %	min	max	mean	PAA ⁱⁱ %	min	max	mean
1-20	5.0%	45.07	0.03	3.73	0.77	4.54	0.19	1.00	0.02
1-50	2.0%	67.17	0.02	5.39	1.70	5.79	0.15	1.14	0.03
1-100	1.0%	78.55	0.01	6.24	2.28	5.81	0.23	1.24	0.04
1-200	0.5%	86.71	0.03	6.83	2.76	6.70	0.19	1.38	0.05
1-500	0.2%	92.92	0.02	7.36	3.22	8.14	0.17	1.49	0.06

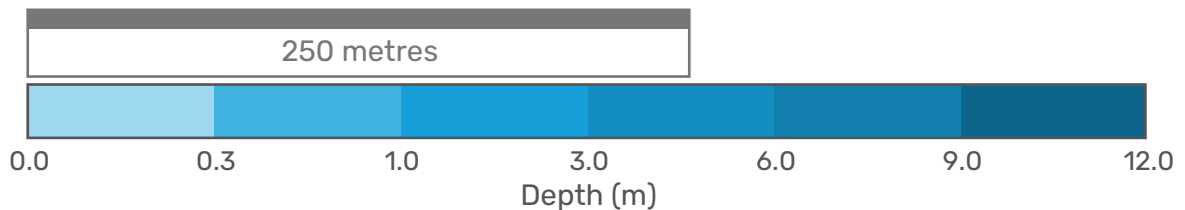
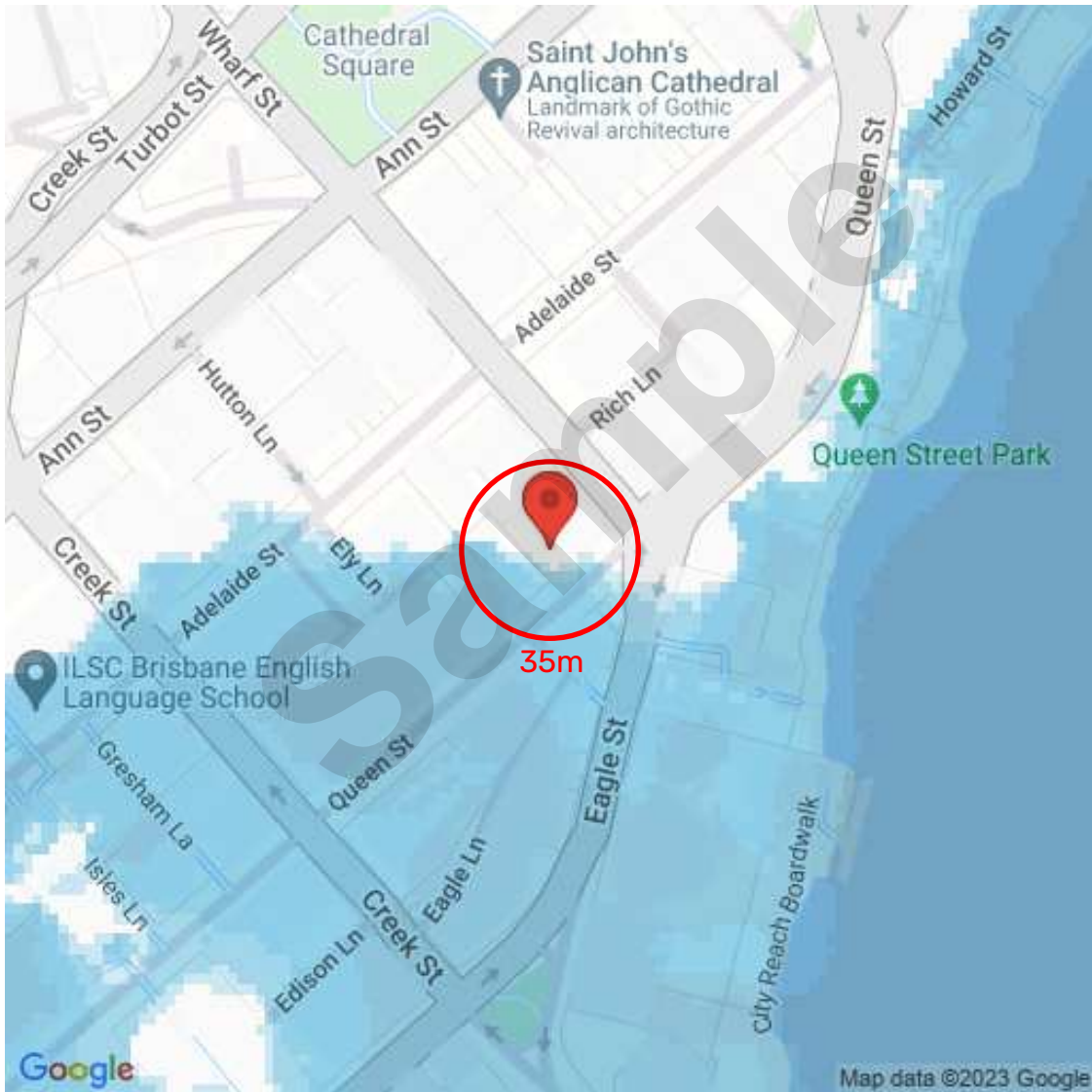
Flood data is provided by JBA Risk Management Limited (© JBA Risk Management Limited 2008-2022).

Flood data displayed in the table and in the visual images below are on undefendable basis (flood defences were not taken into consideration).

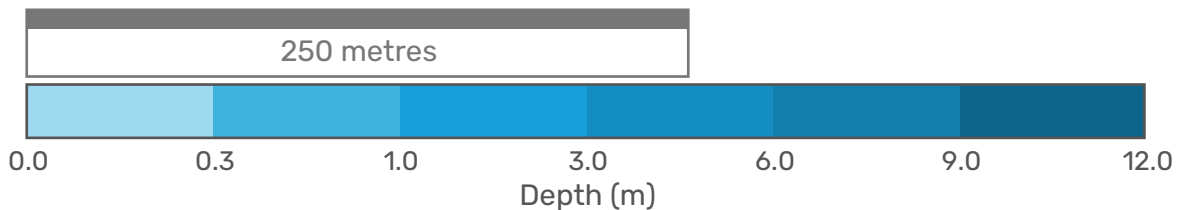
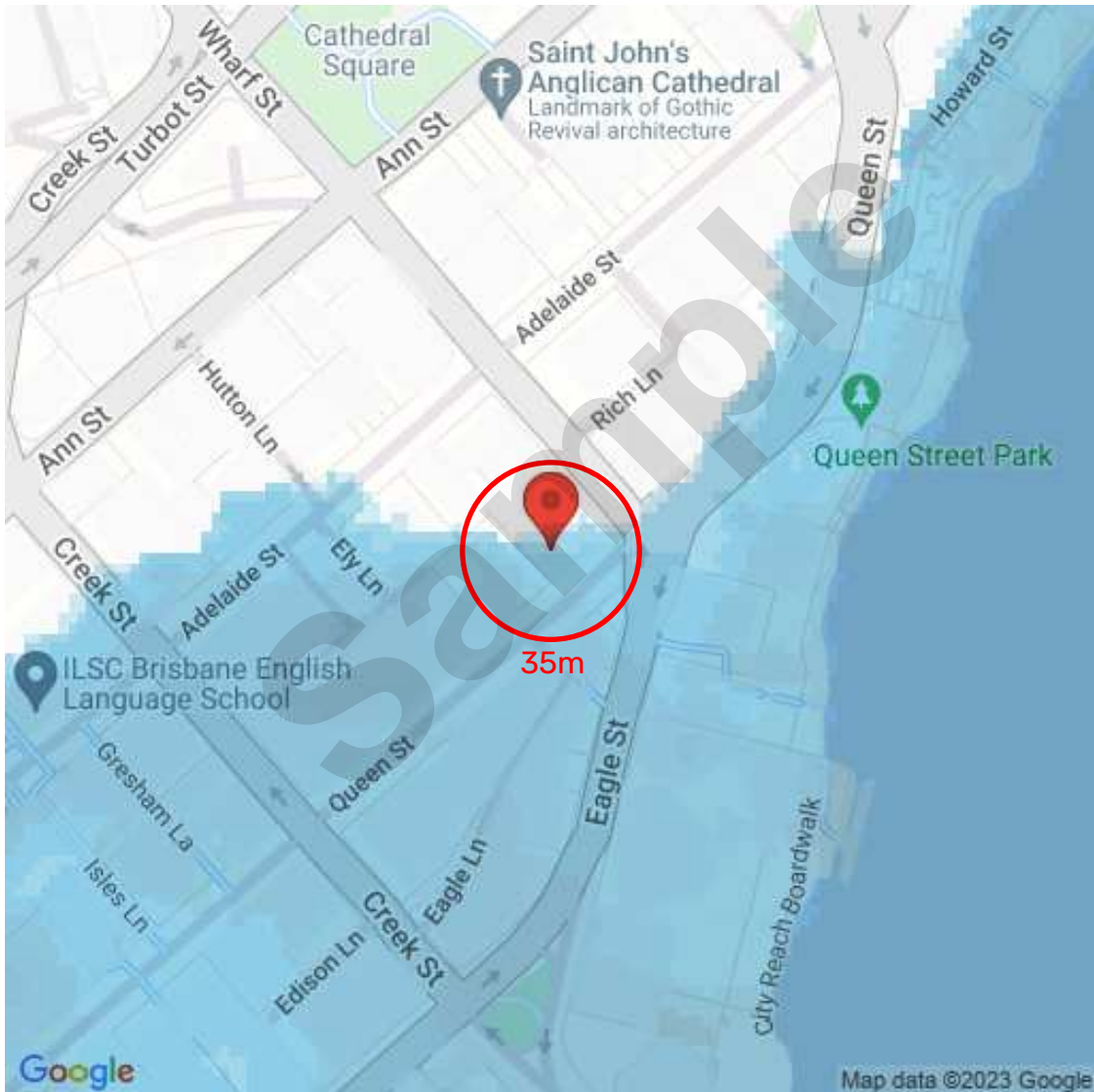
i AEP is Annual Exceedance Probability (Probability of flood event occurring on an annual basis)

ii PAA is Percentage Area Affected (Percentage of the search area affected by the flooding)

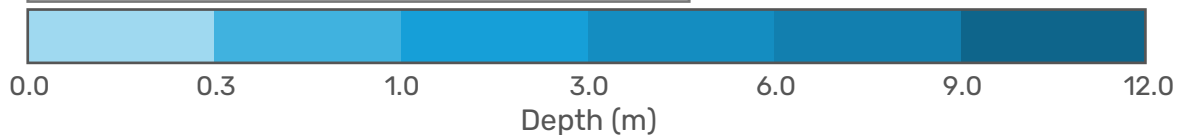
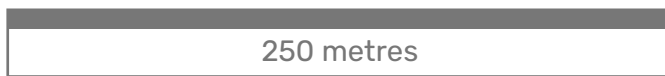
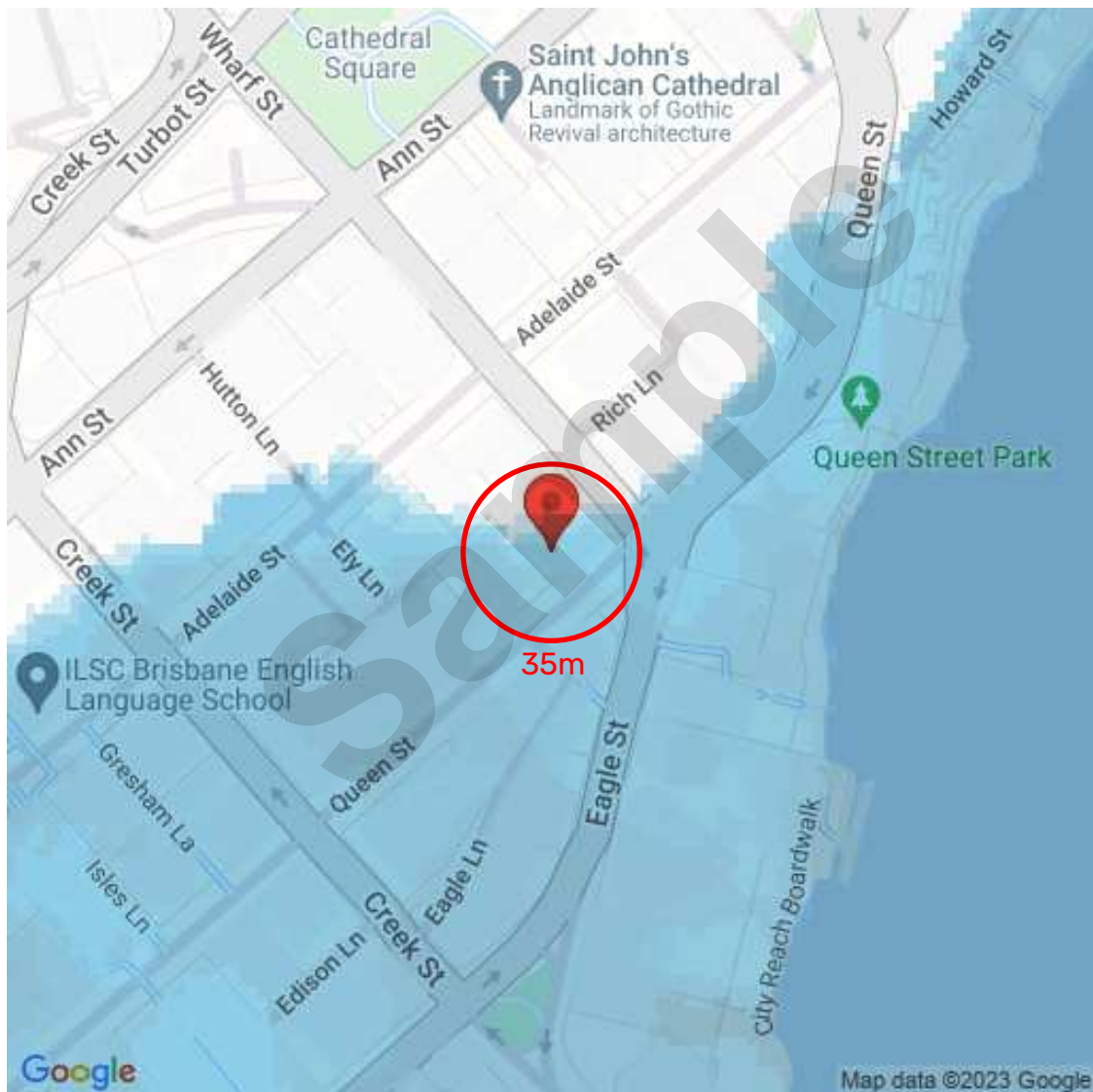
FLOOD INDICATION 1 in 20-year River flooding



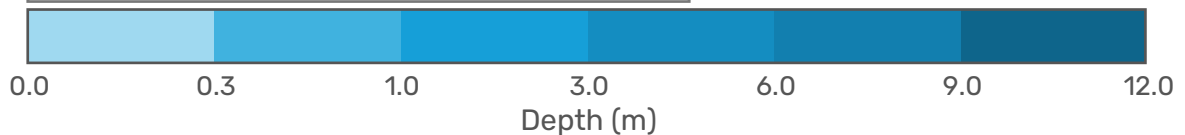
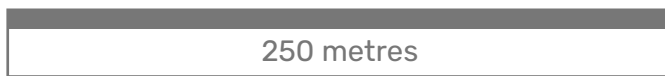
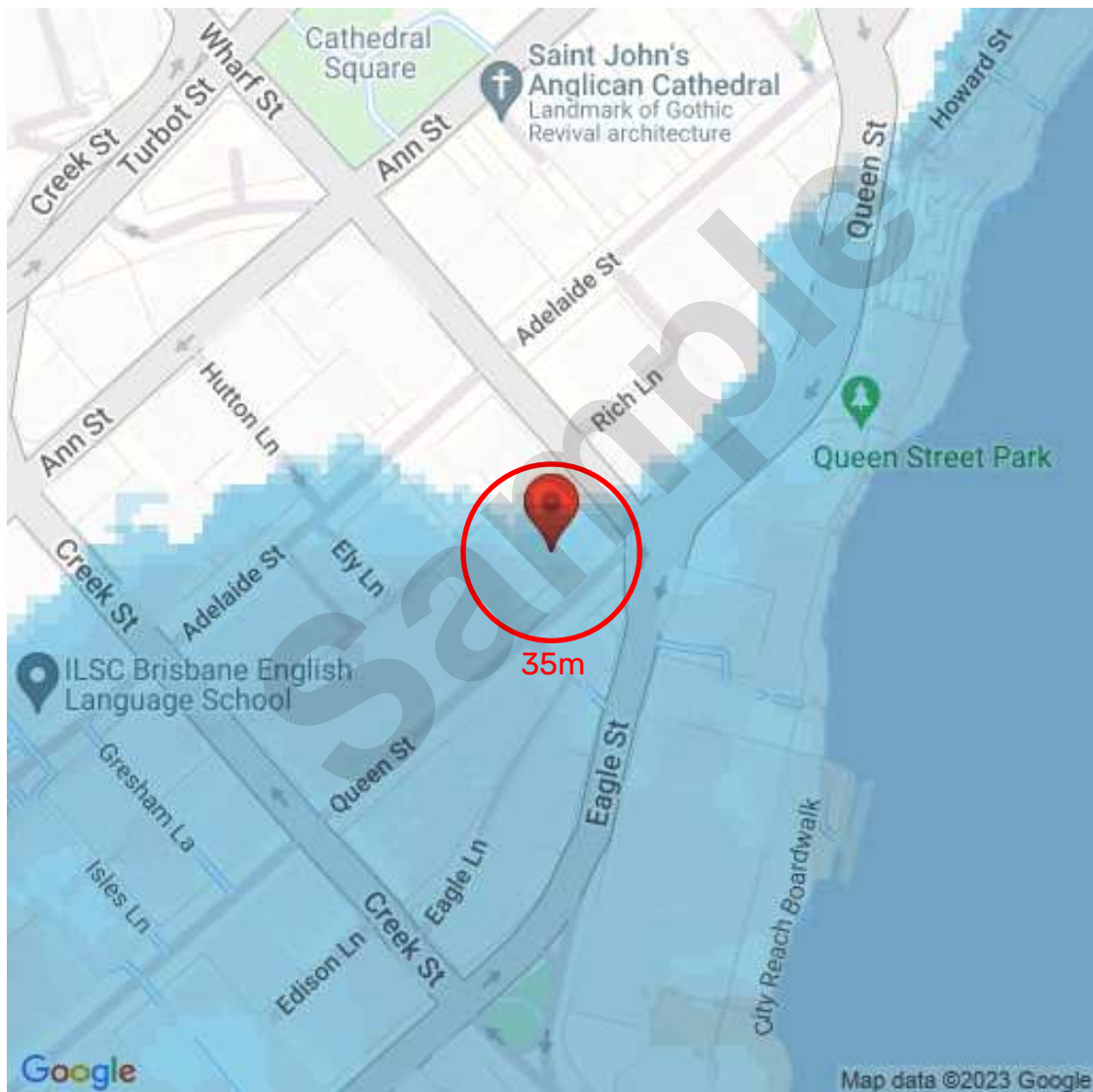
FLOOD INDICATION 1 in 50-year River flooding



FLOOD INDICATION 1 in 100-year River flooding

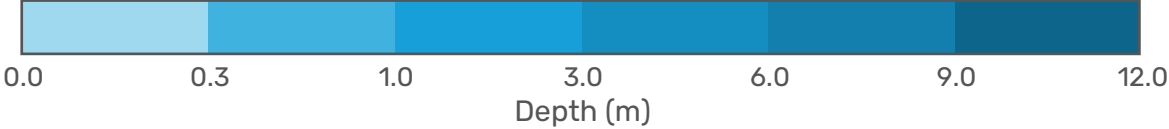
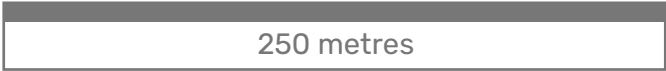
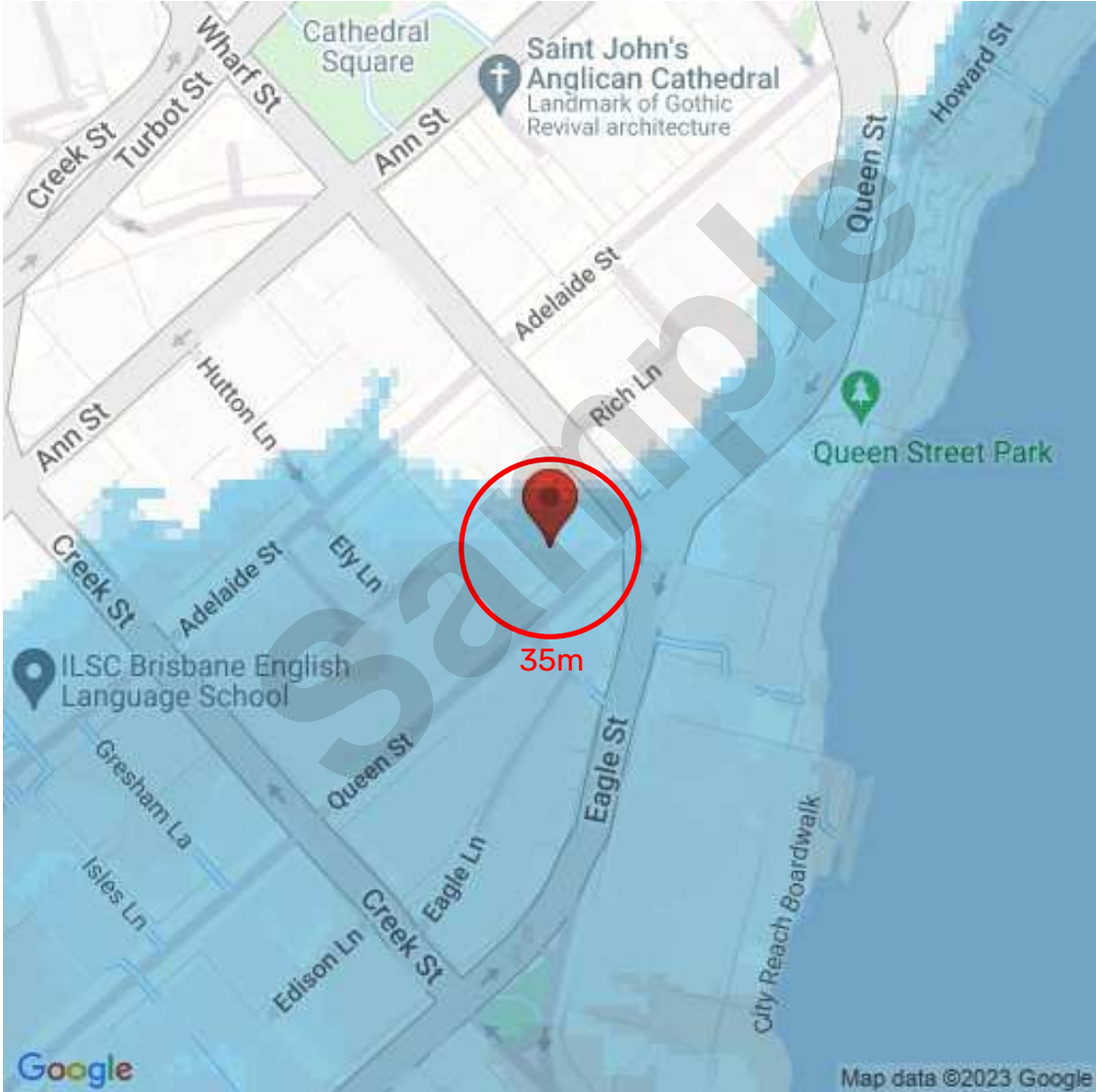


FLOOD INDICATION 1 in 200-year River flooding



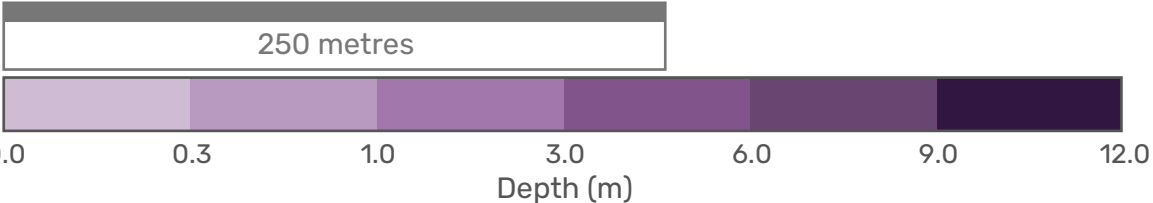
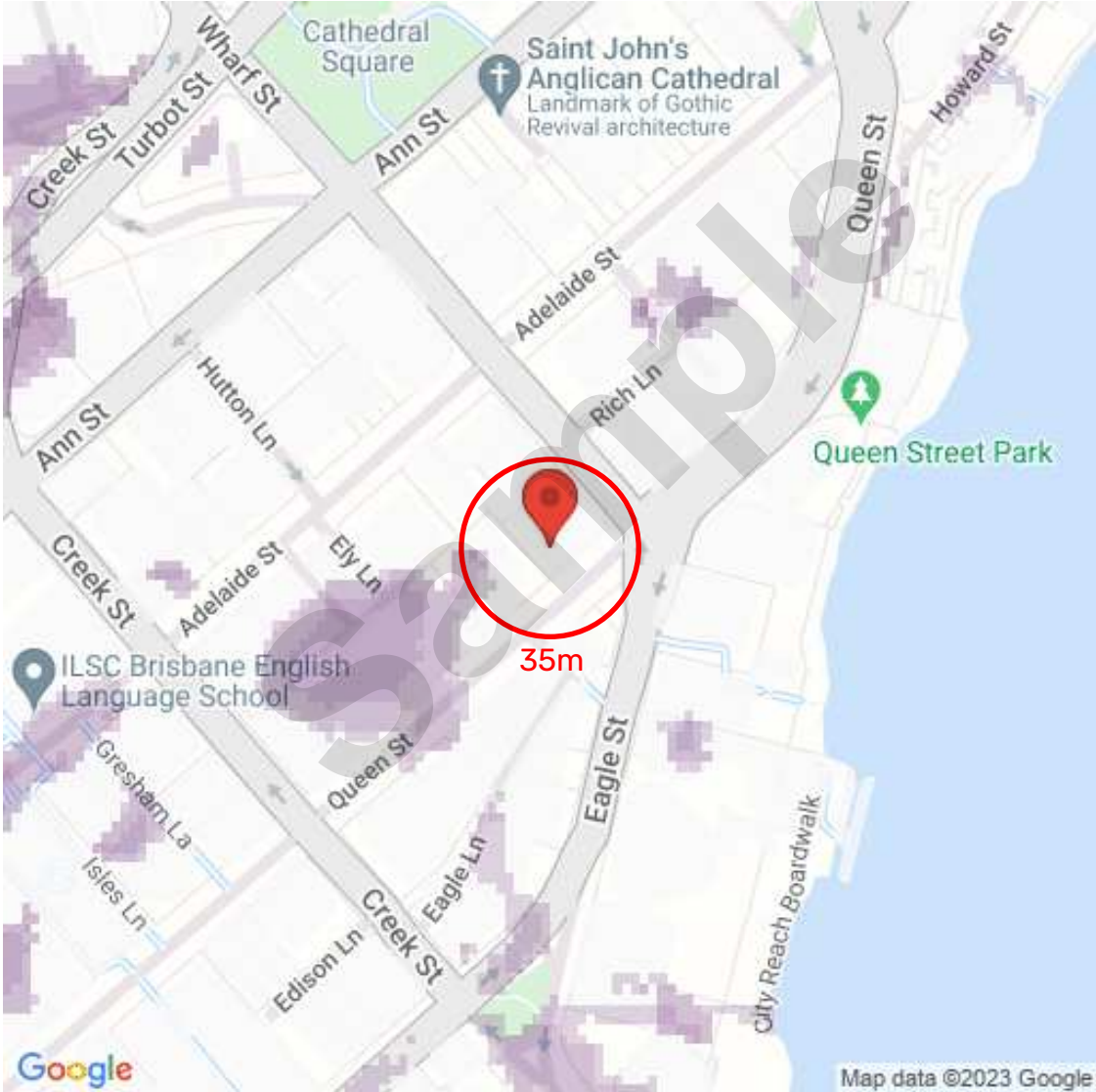
FLOOD INDICATION

1 in 500-year River flooding



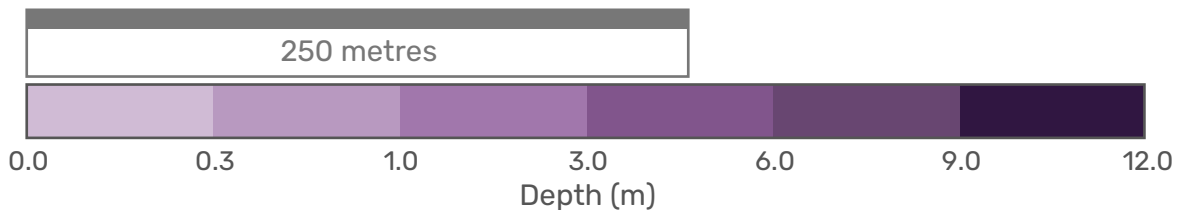
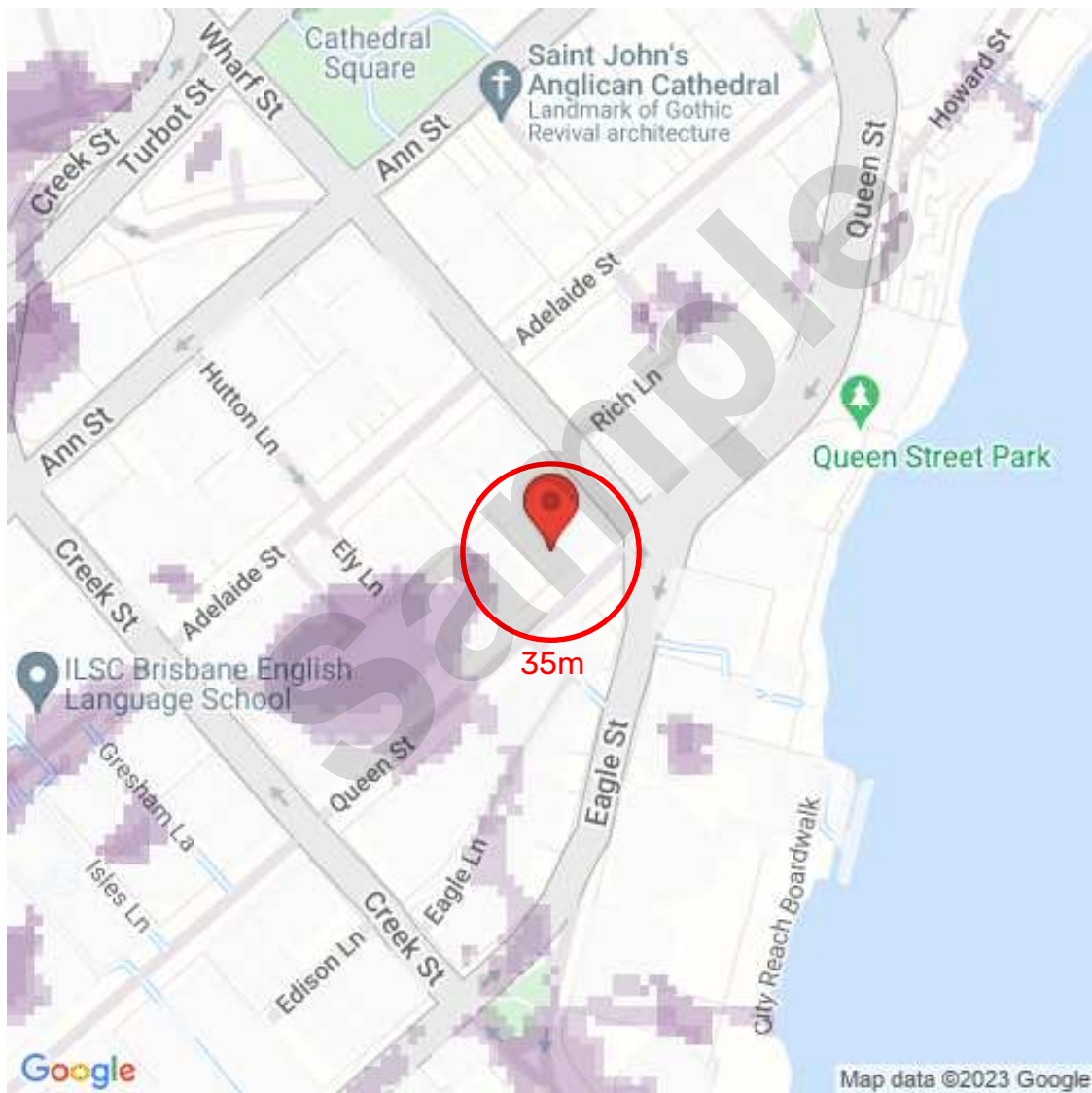
FLOOD INDICATION

1 in 20-year Surface water flooding



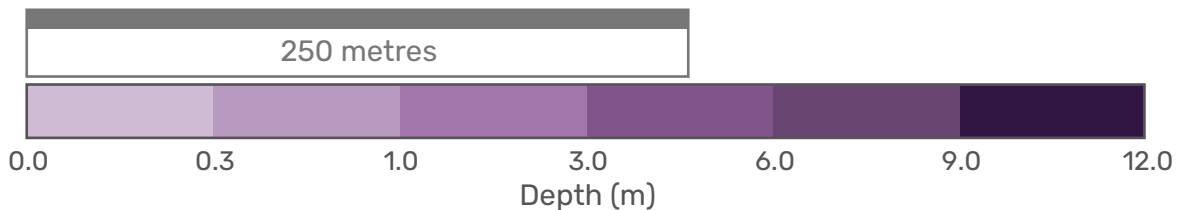
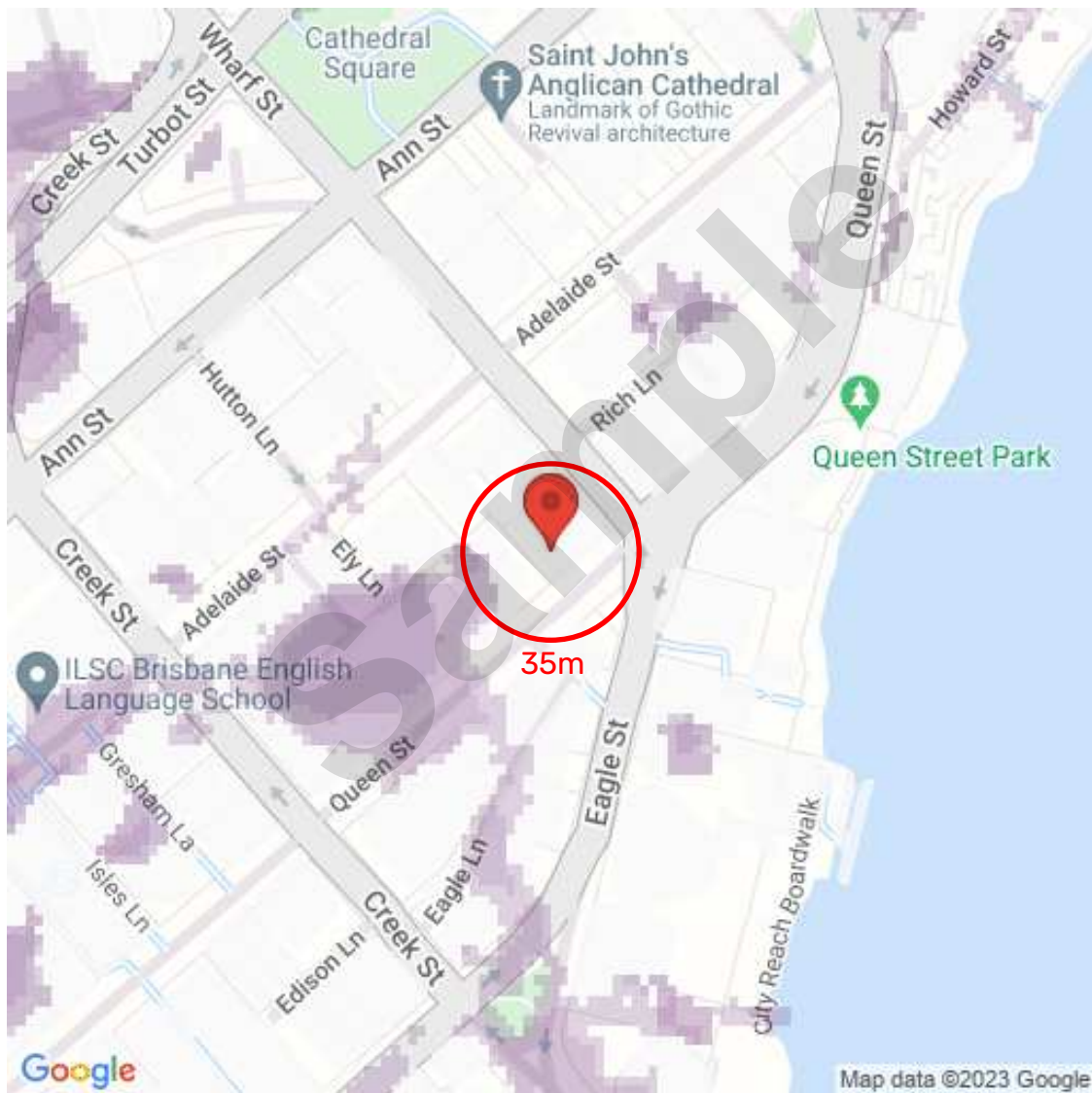
FLOOD INDICATION

1 in 50-year Surface water flooding



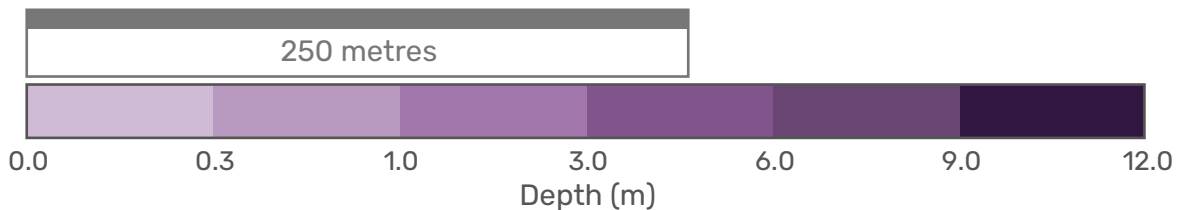
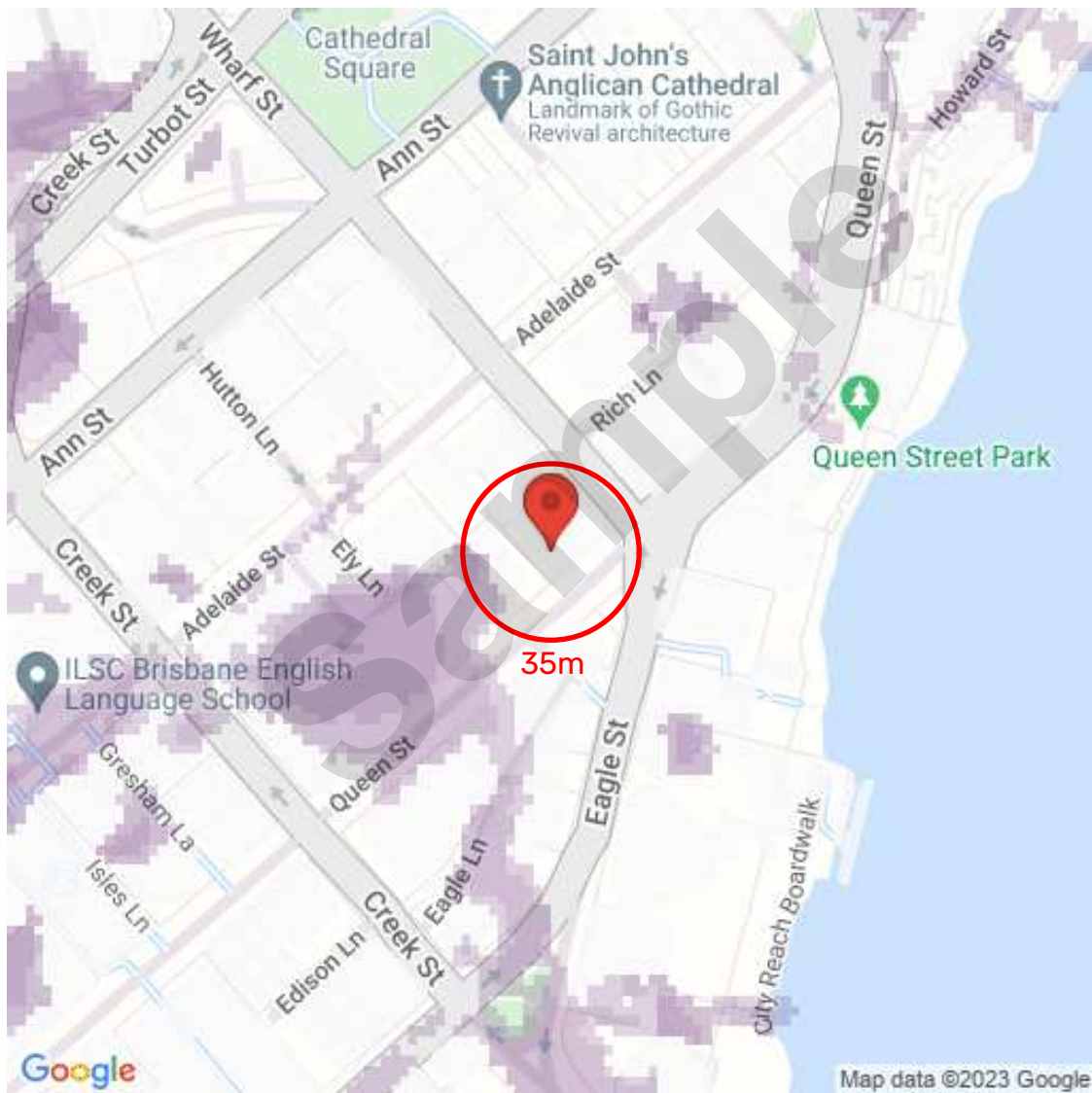
FLOOD INDICATION

1 in 100-year Surface water flooding



FLOOD INDICATION

1 in 200-year Surface water flooding



FLOOD INDICATION

1 in 500-year Surface water flooding

