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# Flood Report



PREPARED FOR:  
EMAIL:  
YOUR REFERENCE:



## PROPERTY DETAILS

Address:

Search radius:





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## 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 flood maps of 30 metre resolution 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 analyses for 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 shows if the specified location 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 JBA's 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 Defended (River).

**BUFFER/SITE SEARCH RADIUS:**

**ADDRESS/SITE:**

Latitude/Longitude:

Return Period (years)	Flooded (river undefended)	Flooded (surface water)	Defended (river)
1-20			
1-50			
1-100			
1-200			
1-500			

Flood Data provided by JBA Risk Management Limited (© JBA Risk Management Limited 2008-2024)

## 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 is where rivers break their banks and water covers the surrounding land.

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

**BUFFER/SITE SEARCH RADIUS:**

**ADDRESS/SITE:**

Latitude/Longitude:

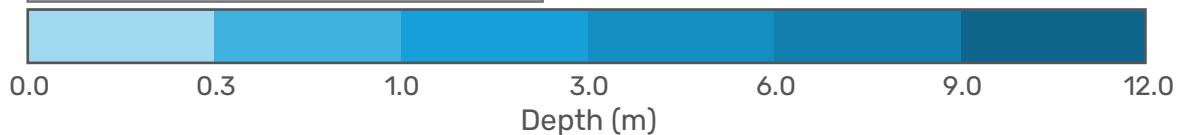
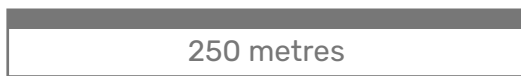
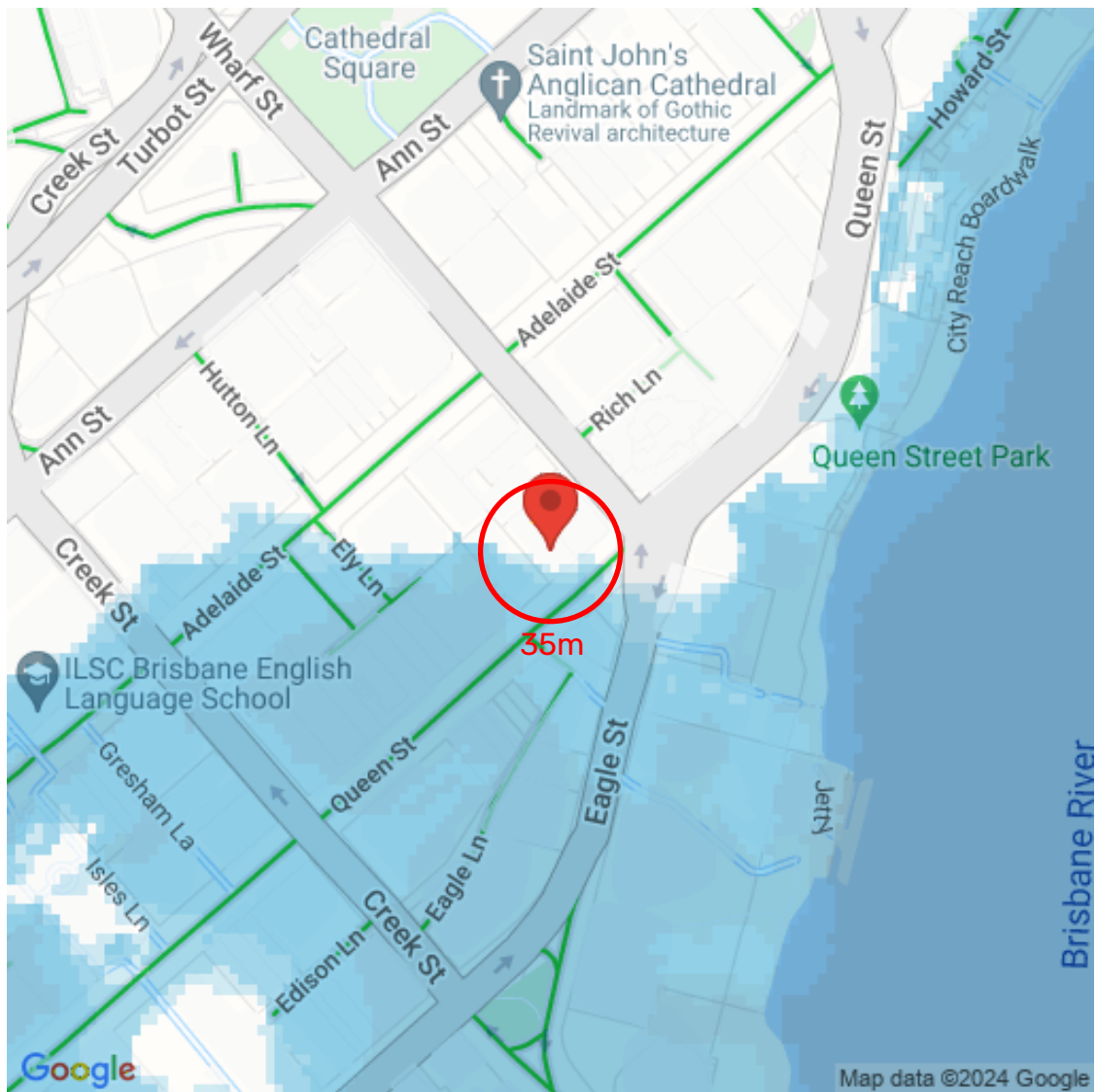
Return Period		Indicative water depth (undefended river in meters)				Indicative water depth (surface water in meters)			
Years	AEP <sup>i</sup>	PAA <sup>ii</sup> %	min	max	mean	PAA <sup>ii</sup> %	min	max	mean
1-20	5.0%								
1-50	2.0%								
1-100	1.0%								
1-200	0.5%								
1-500	0.2%								

Flood Data provided by JBA Risk Management Limited (© JBA Risk Management Limited 2008-2024)

<sup>i</sup> AEP is Annual Exceedance Probability

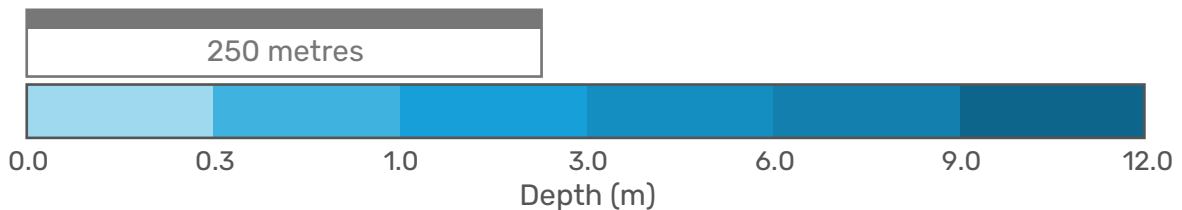
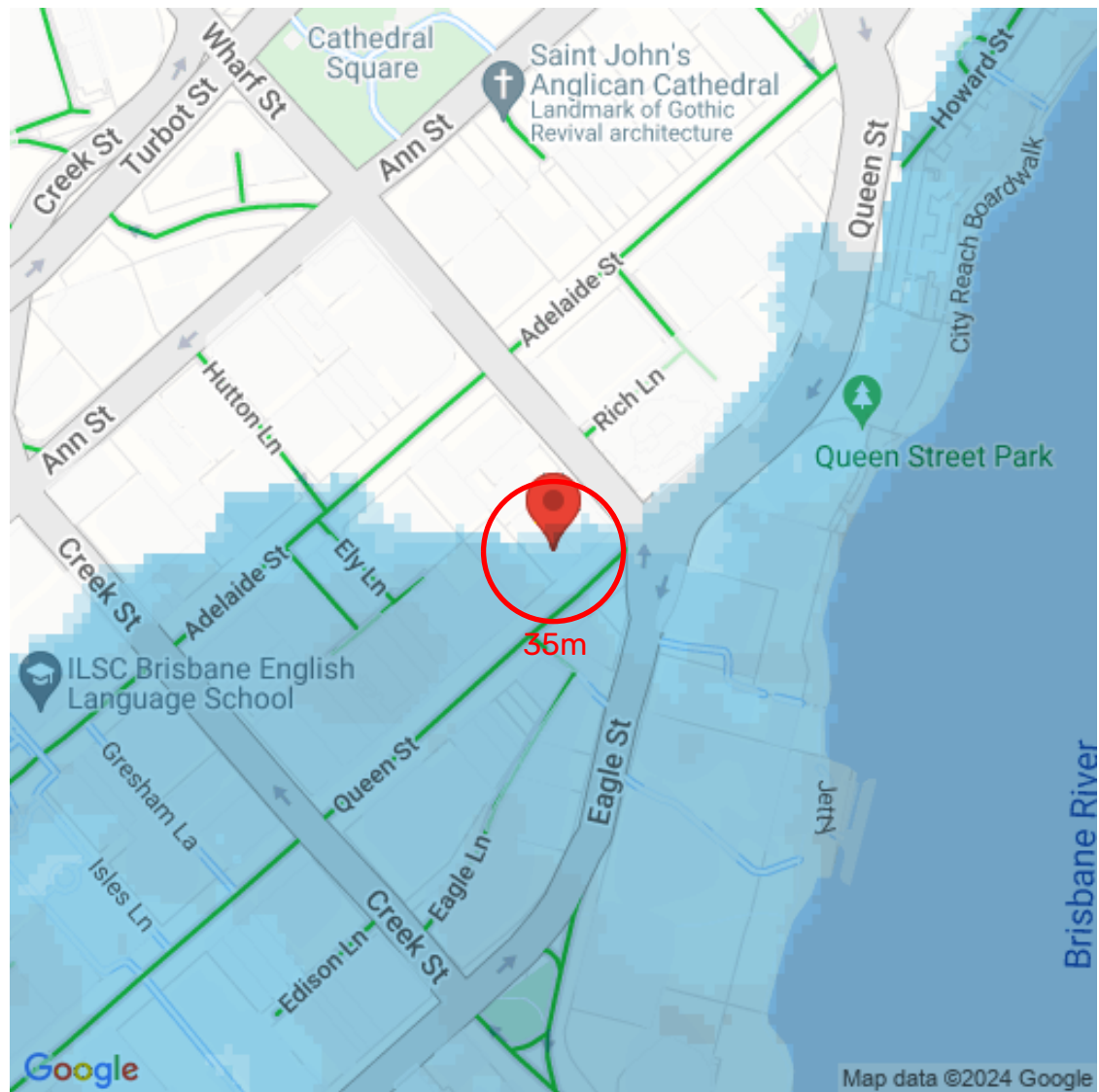
<sup>ii</sup> PAA is Percentage Area Affected

## FLOOD INDICATION 1 in 20-year River Flood



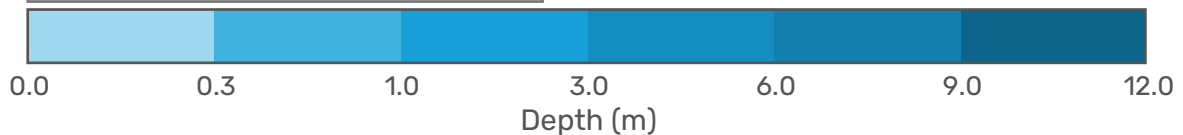
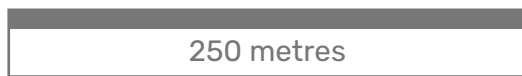
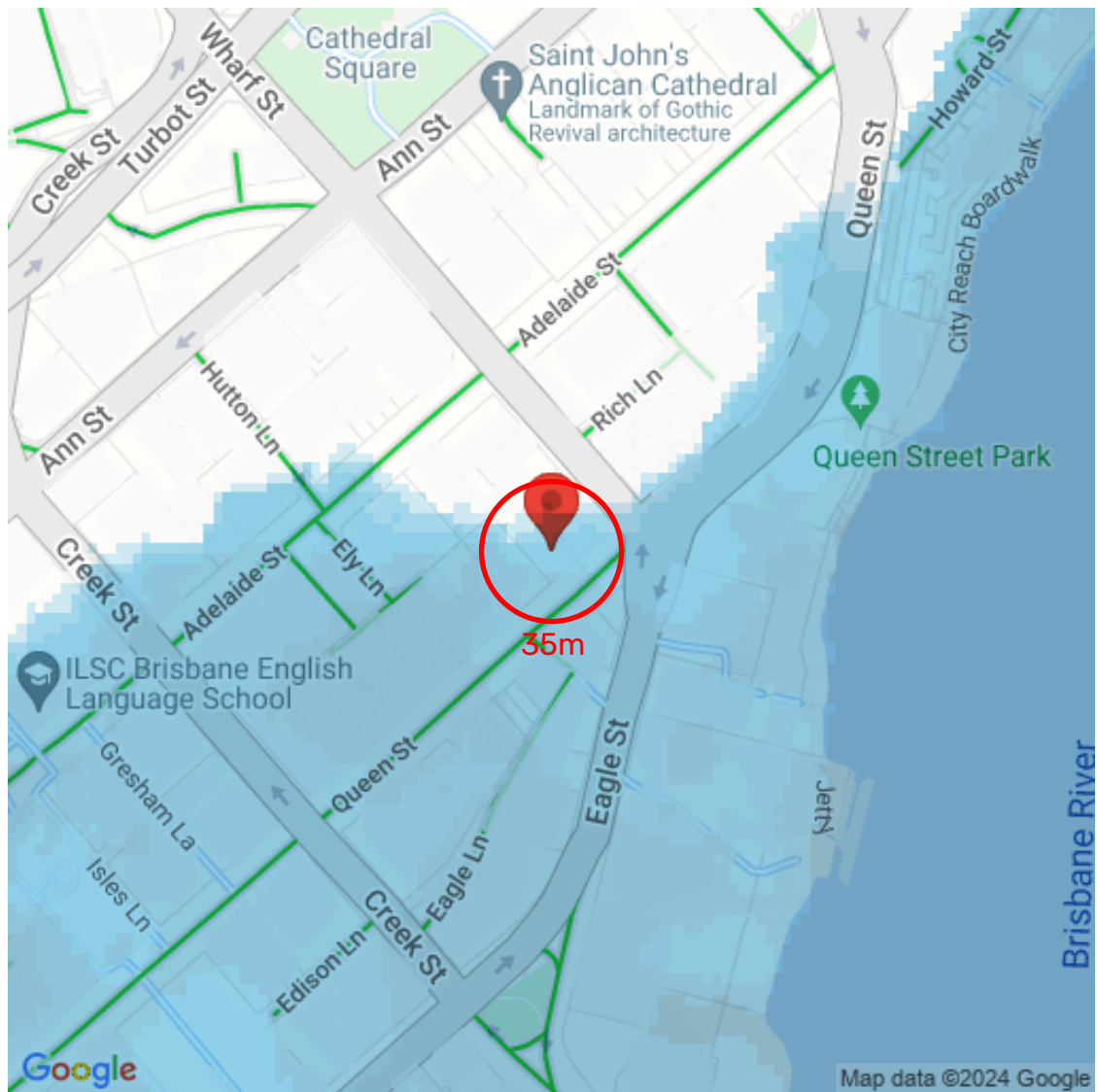


## FLOOD INDICATION 1 in 50-year River Flood





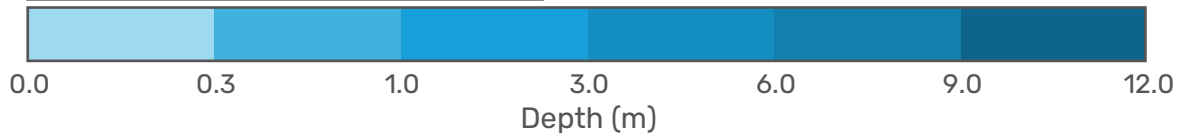
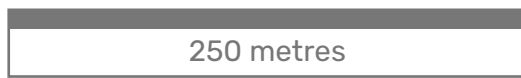
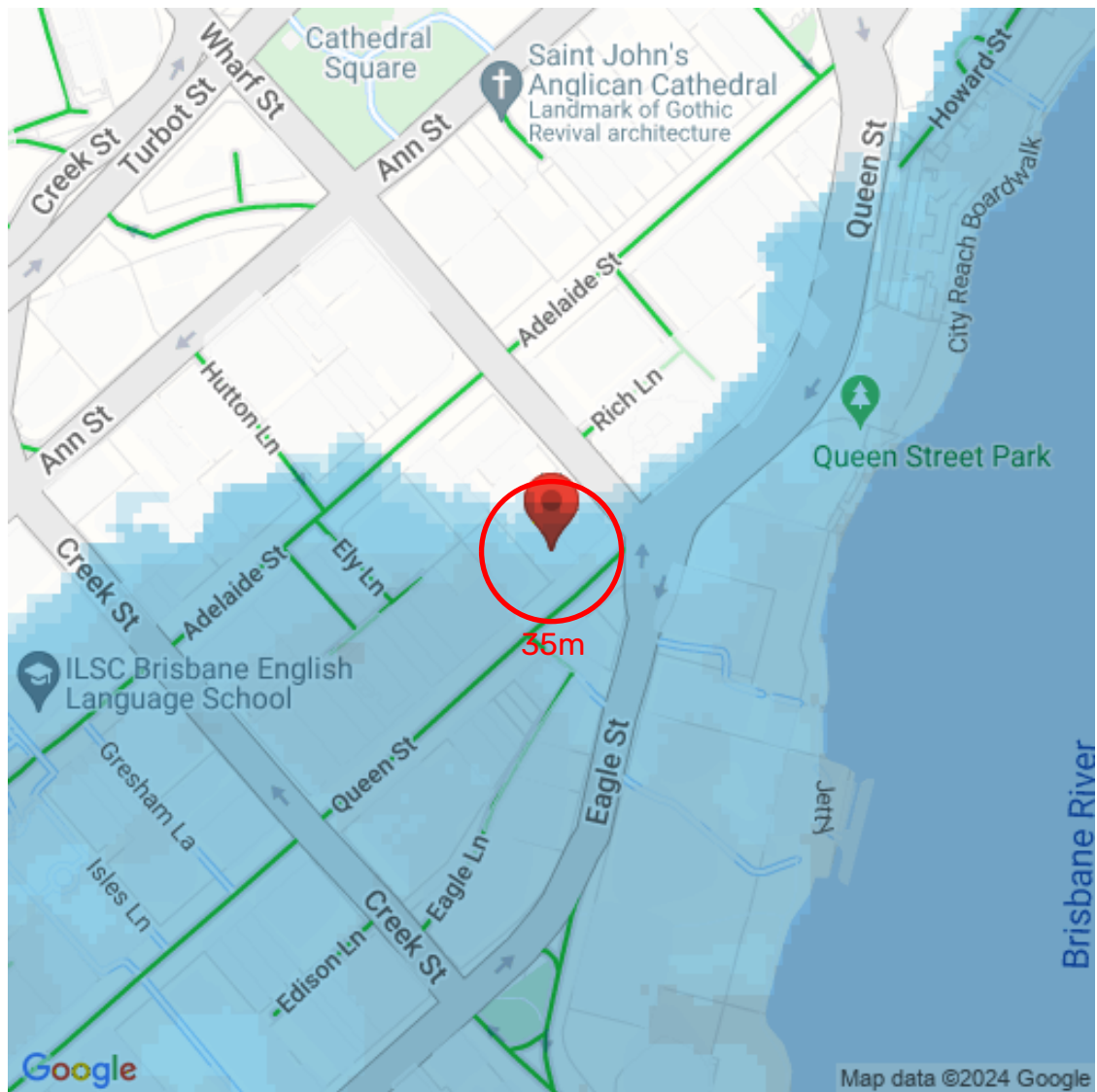
## FLOOD INDICATION 1 in 100-year River Flood





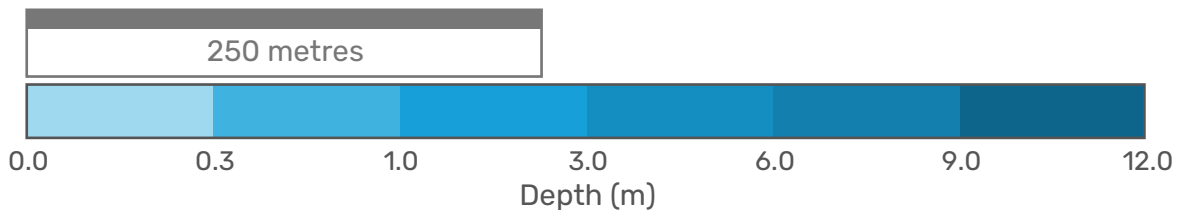
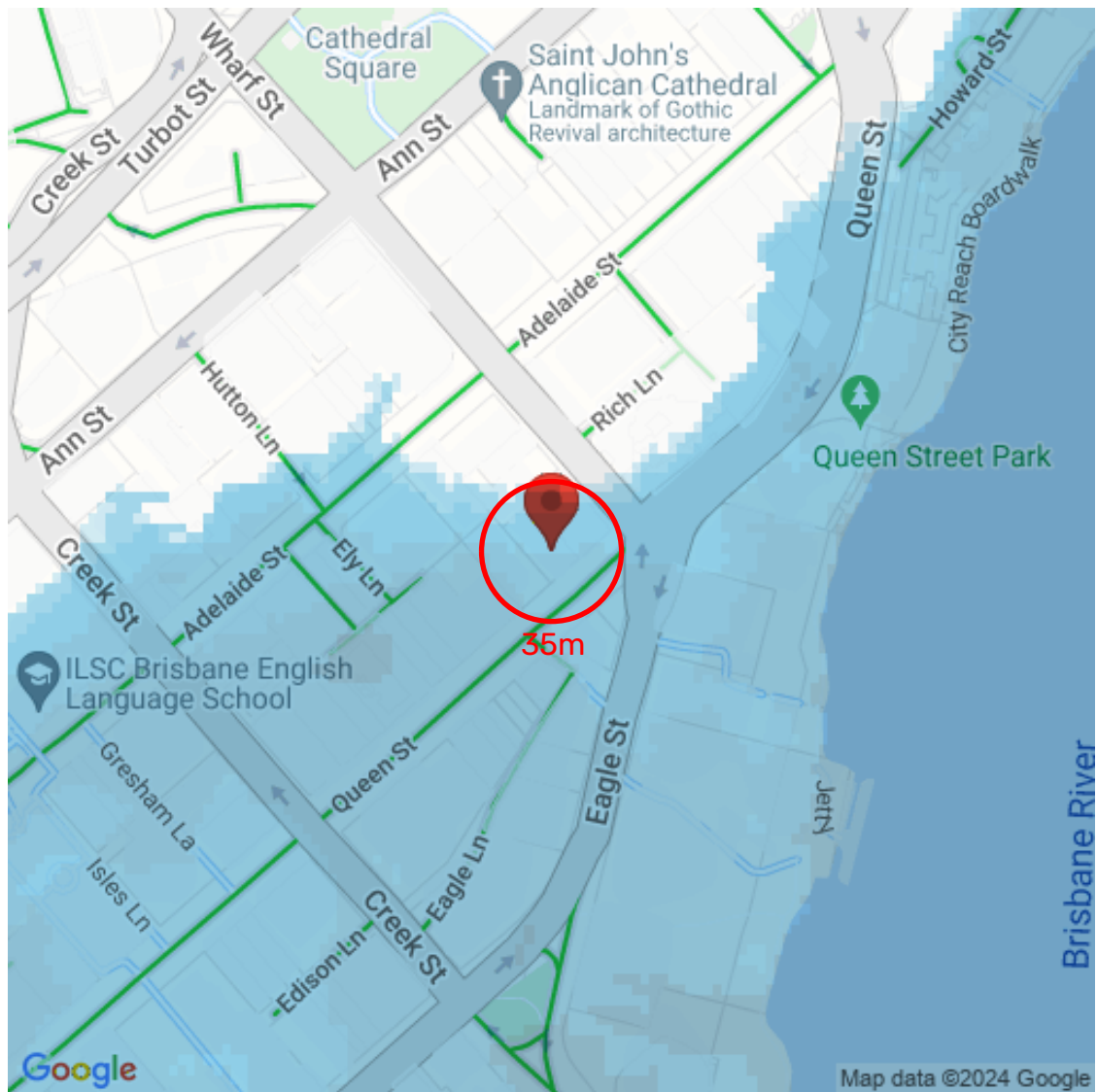


## FLOOD INDICATION 1 in 200-year River Flood





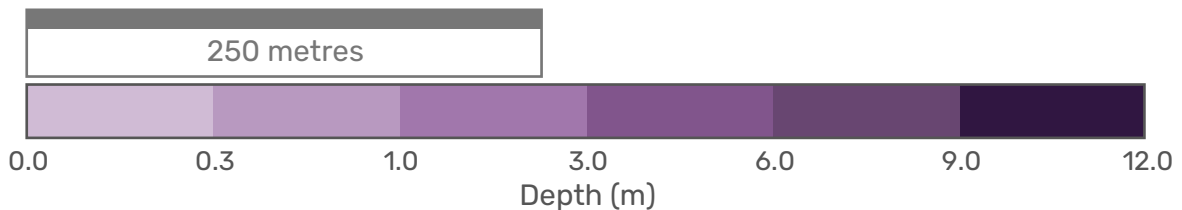
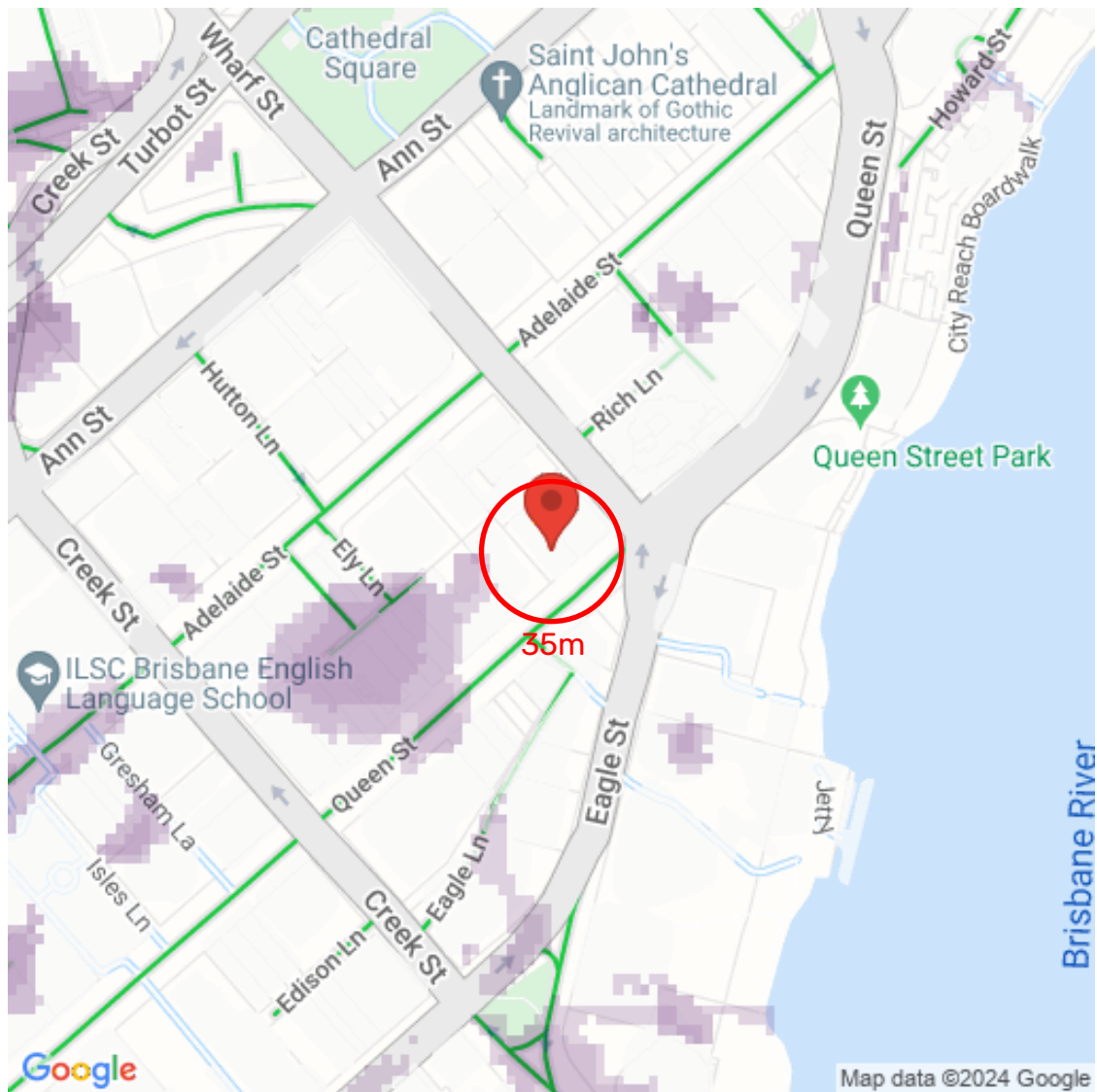
## FLOOD INDICATION 1 in 500-year River Flood



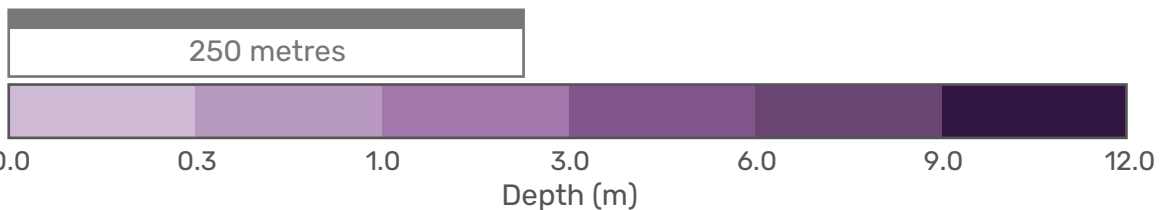
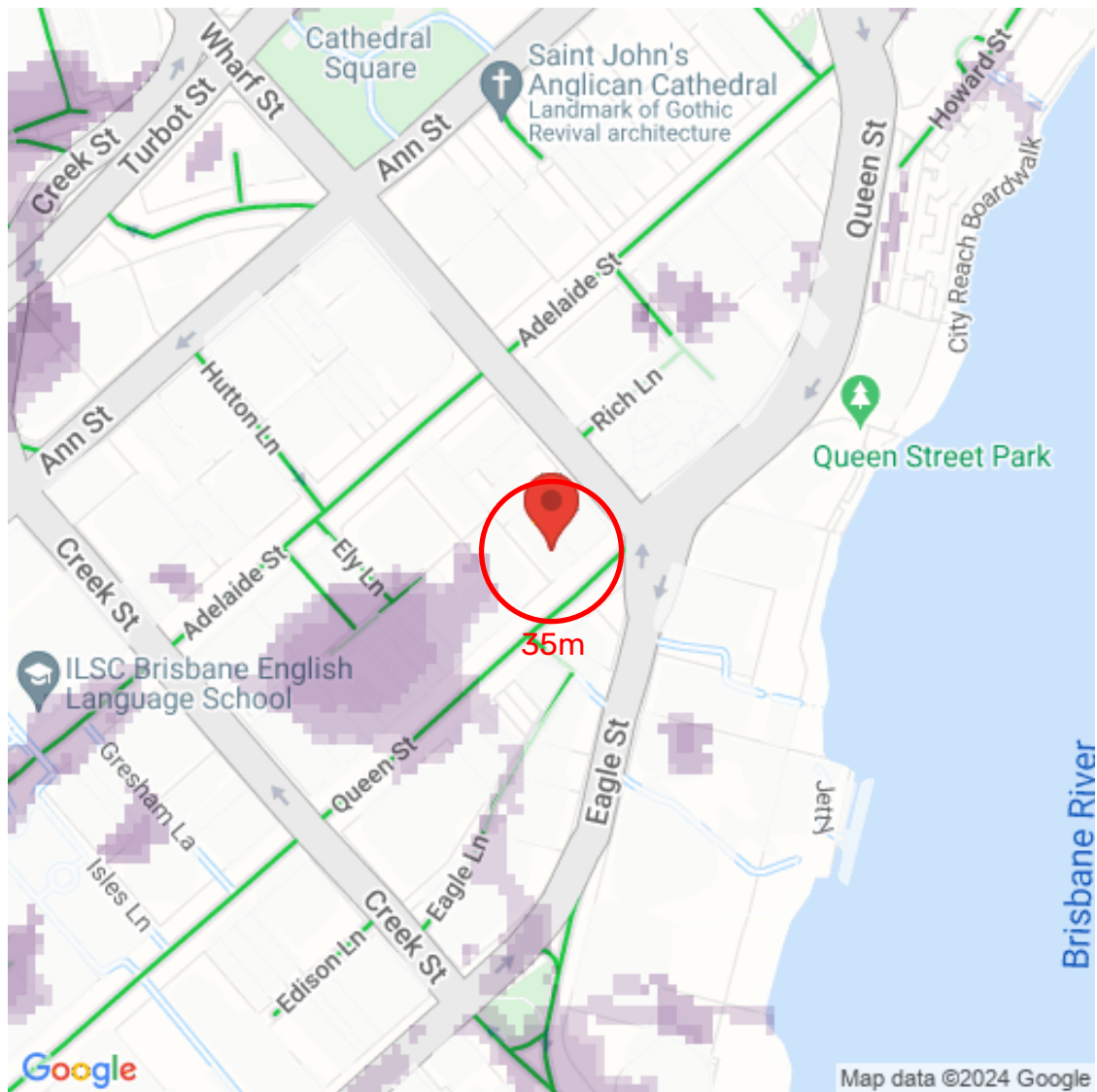


## FLOOD INDICATION

### 1 in 20-year Surface Water Flood



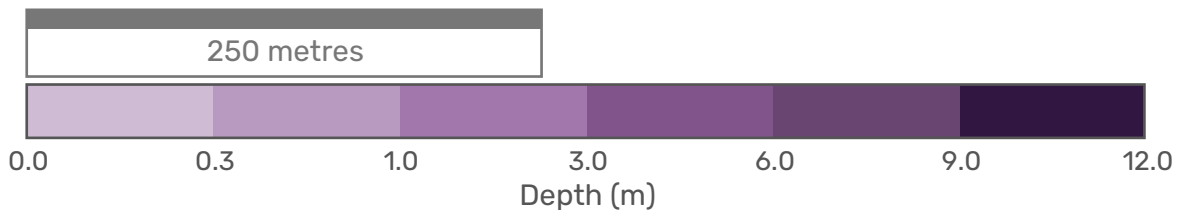
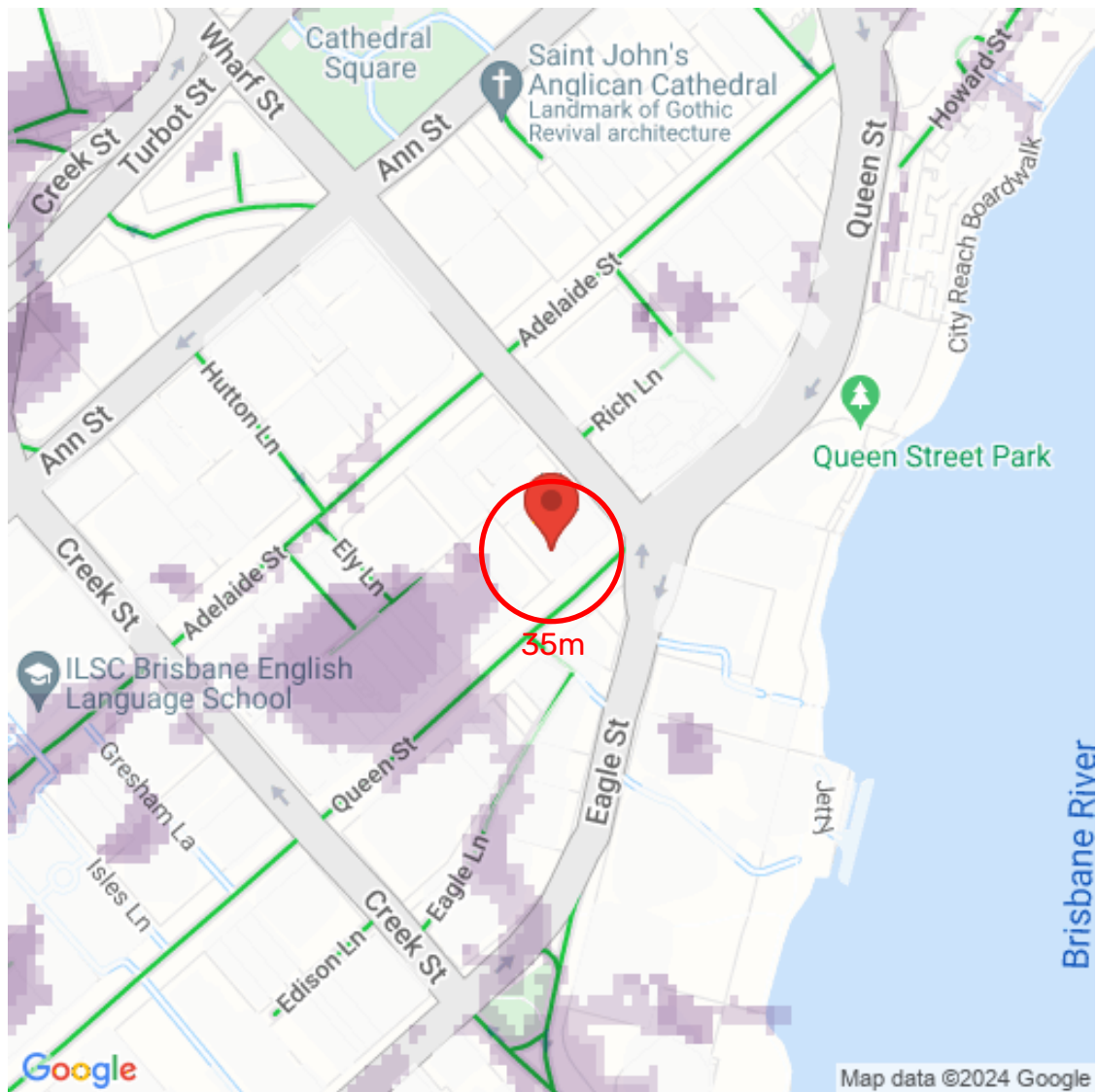
## FLOOD INDICATION 1 in 50-year Surface Water Flood





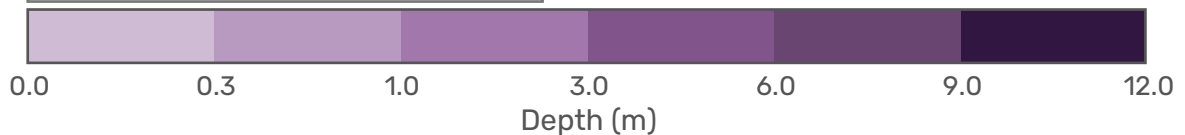
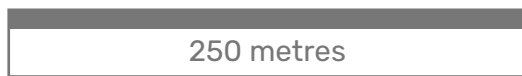
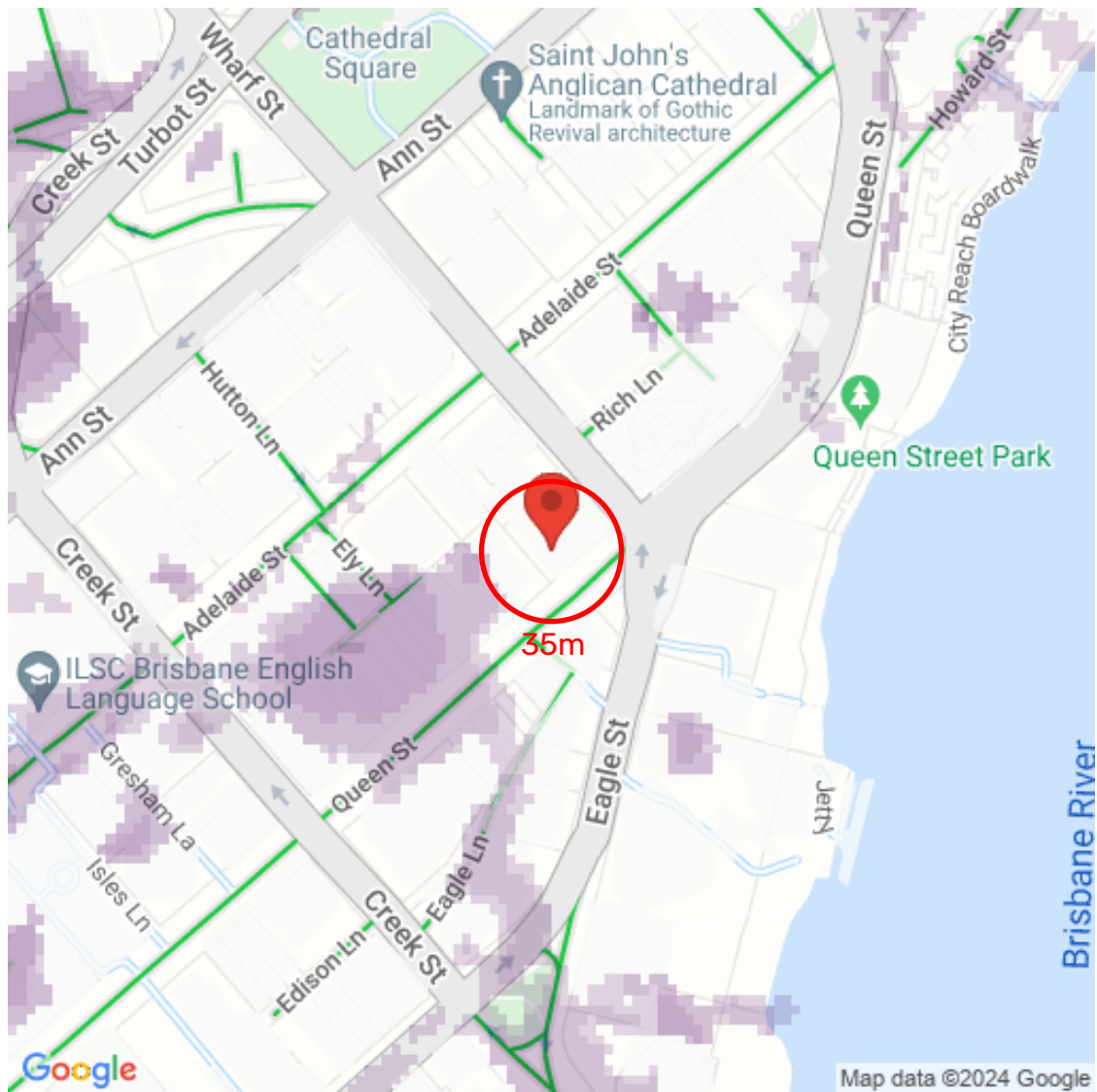
## FLOOD INDICATION

### 1 in 100-year Surface Water Flood



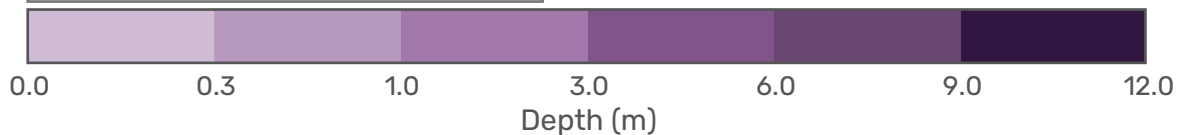
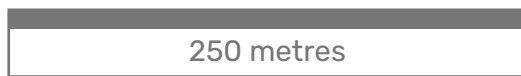
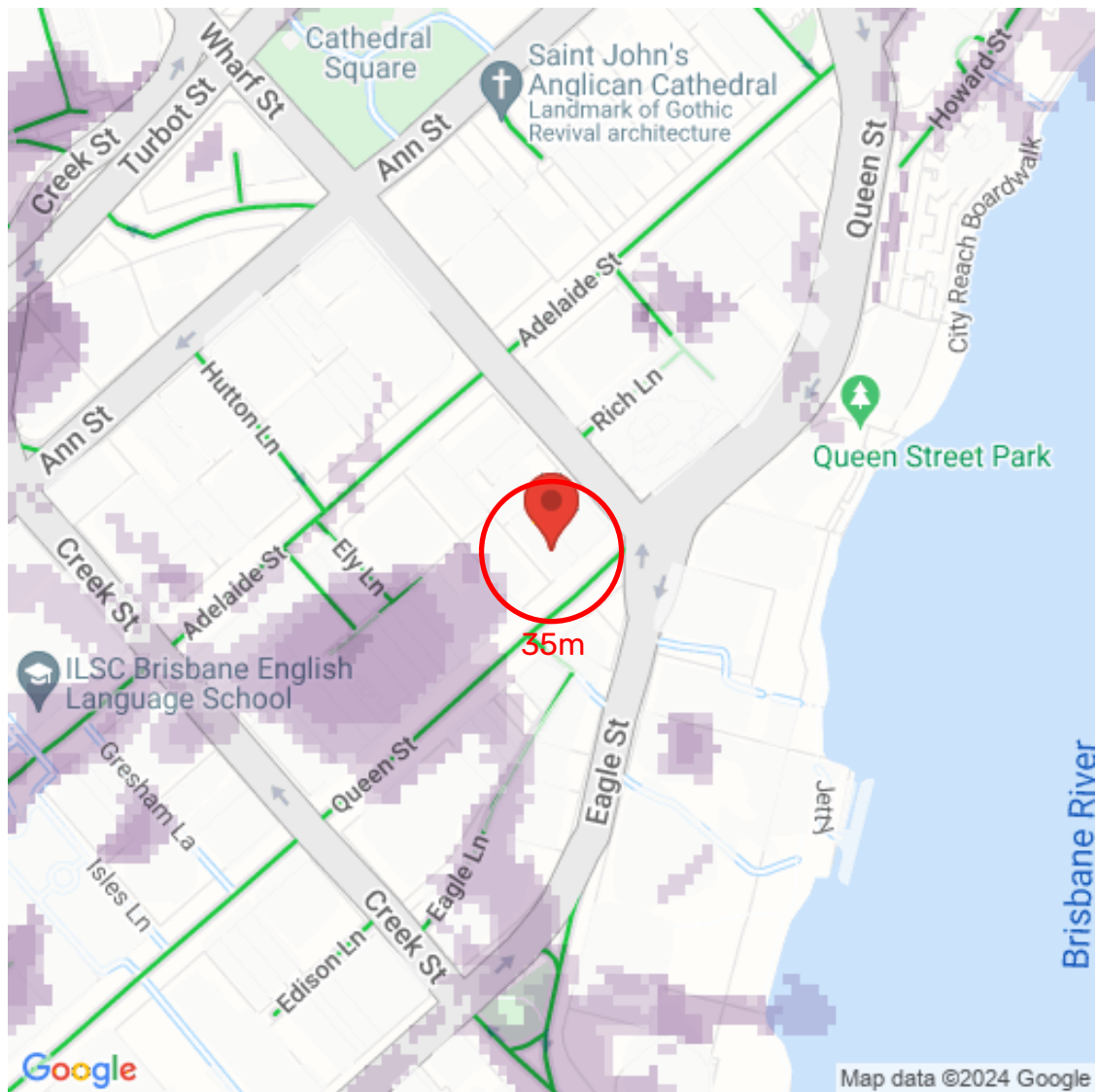
## FLOOD INDICATION

### 1 in 200-year Surface Water Flood





## FLOOD INDICATION 1 in 500-year Surface Water Flood





## 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.

SEARCH RADIUS:

ADDRESS/SITE:

Latitude/Longitude:

Return Period (years)	Flooded Coastal (undefendable)
1-20	
1-50	
1-100	
1-200	
1-500	

Flood data is provided by JBA Risk Management Limited  
(© JBA Risk Management Limited 2008-2024)



## 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.

Coastal Flooding (Coastal) is a complicated process that occurs when sea levels exceed the height of the land in coastal regions, due to a combination of dependent and independent variables such as astronomical tides, storm surges, wind and waves.

### SEARCH RADIUS:

### ADDRESS:

Latitude/Longitude:

Return Period		Indicative water depth (undefendable coastal)			
Years	AEP <sup>i</sup>	PAA <sup>ii</sup> %	min	max	mean
1-20	5.0%				
1-50	2.0%				
1-100	1.0%				
1-200	0.5%				
1-500	0.2%				

Flood data is provided by JBA Risk Management Limited (© JBA Risk Management Limited 2008-2024).

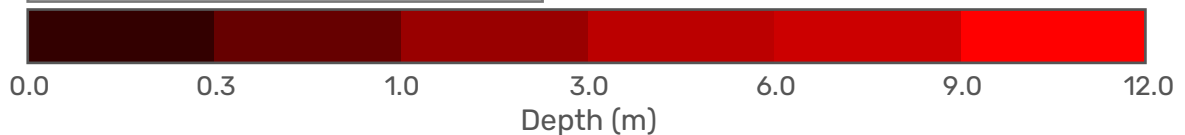
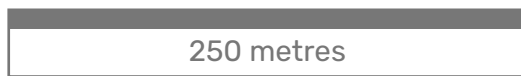
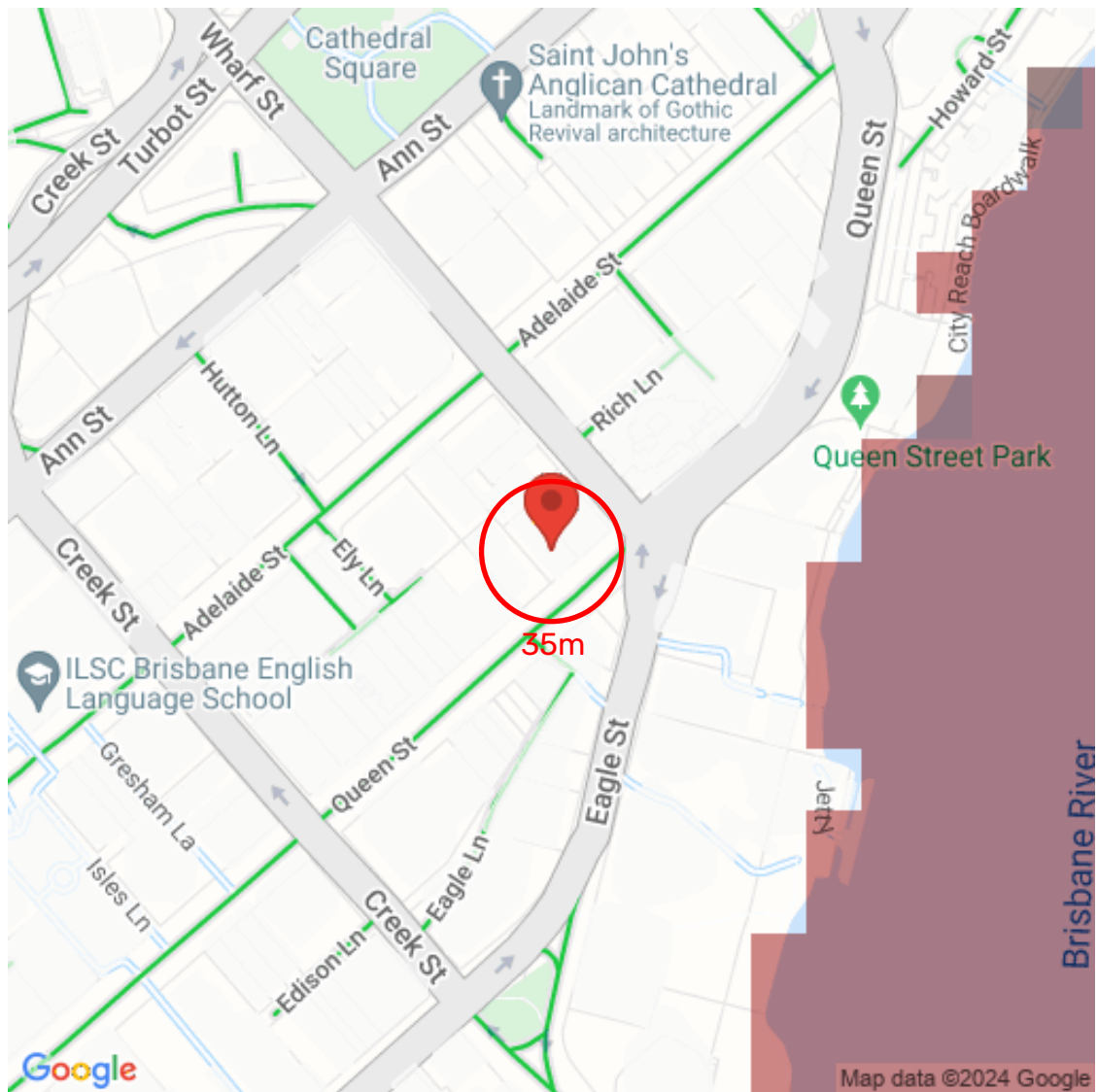
Flood data displayed in the table and in the visual images below are on undefendable basis (flood defences were not taken into consideration).

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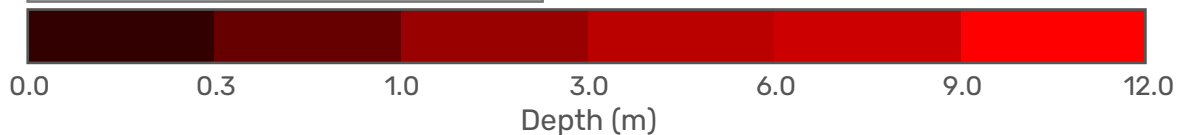
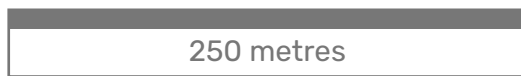
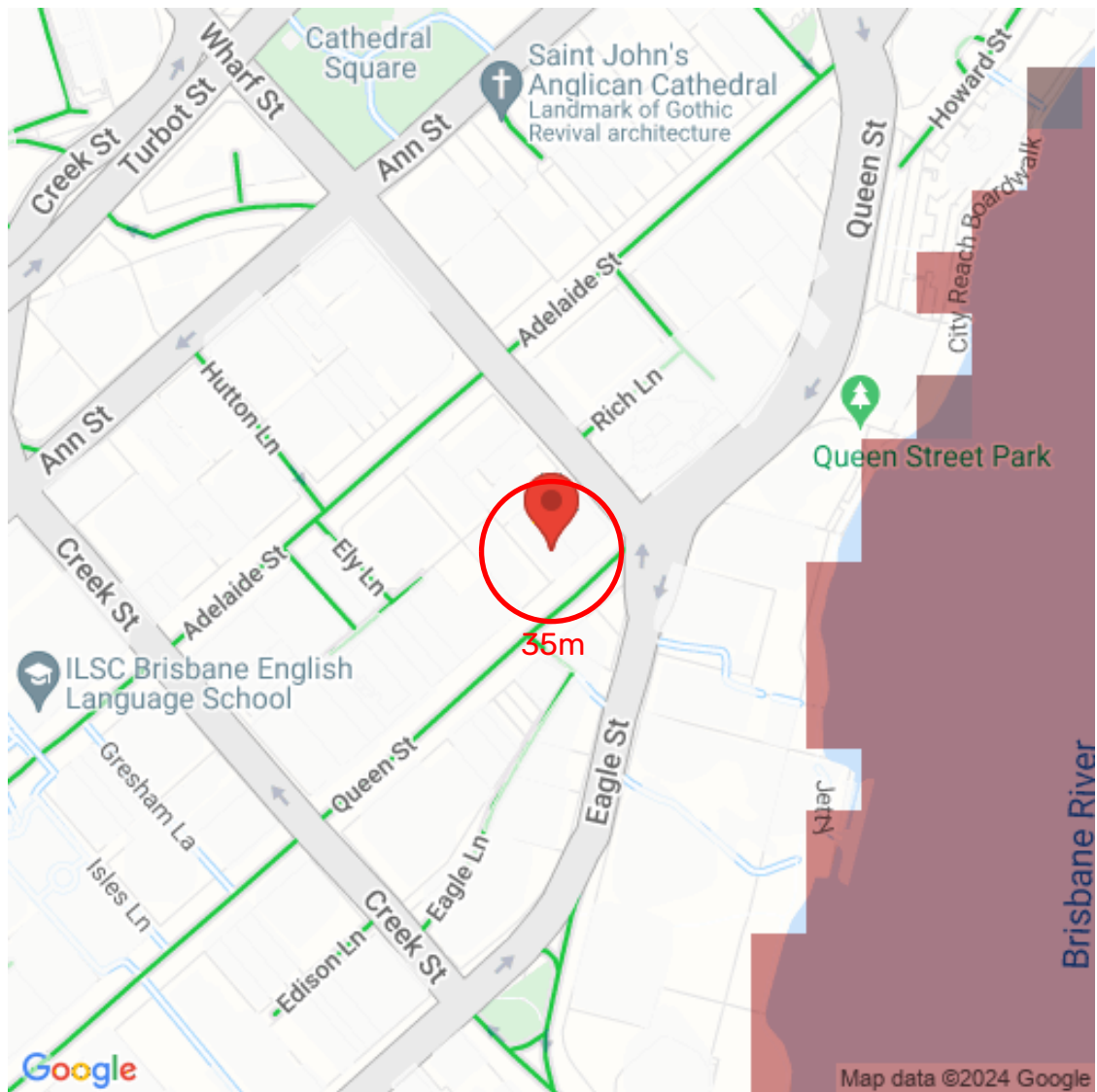
i AEP is Annual Exceedance Probability (Probability of flood event occurring on an annual basis)

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

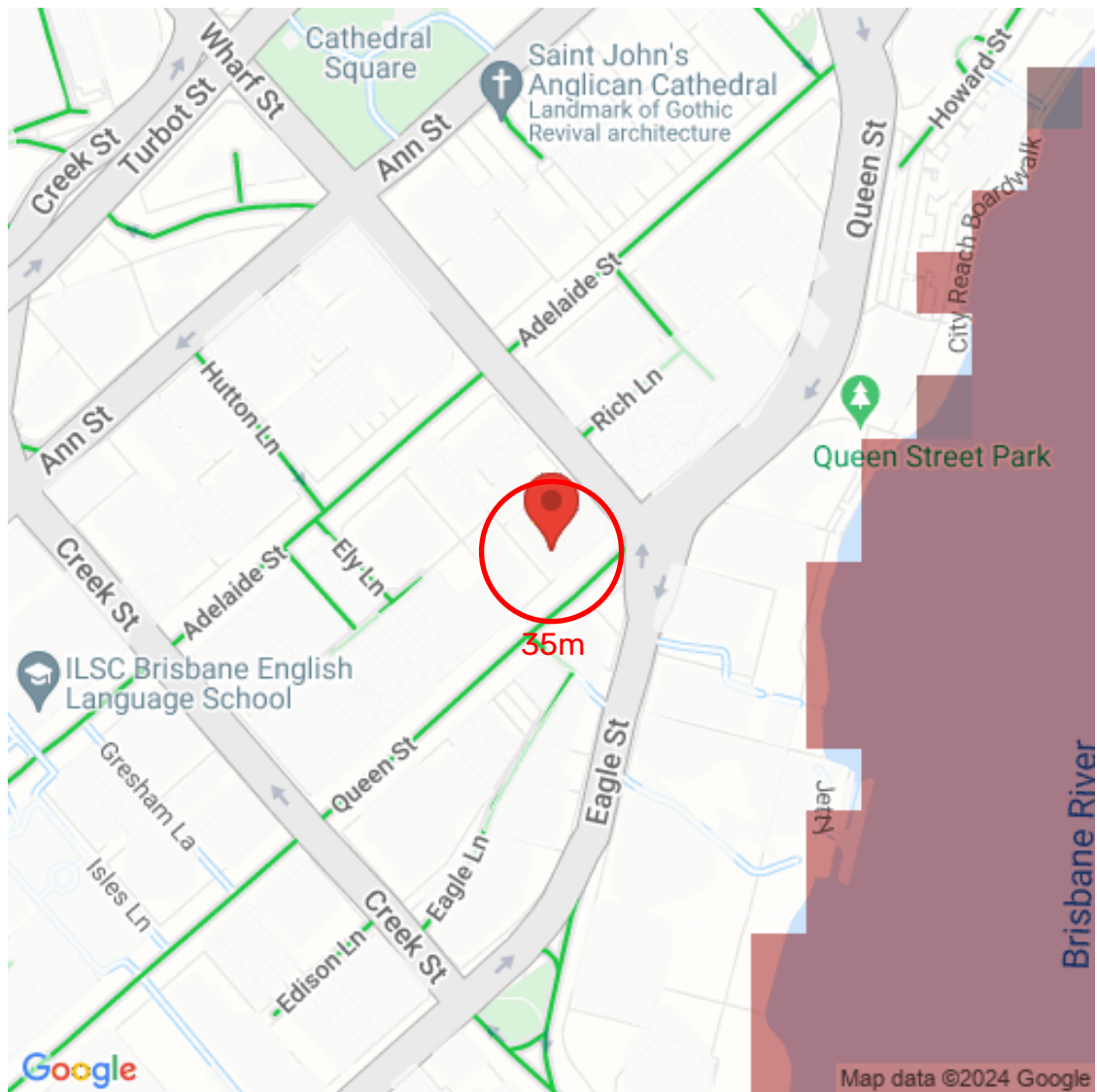
## FLOOD INDICATION 1 in 20-year Coastal flooding



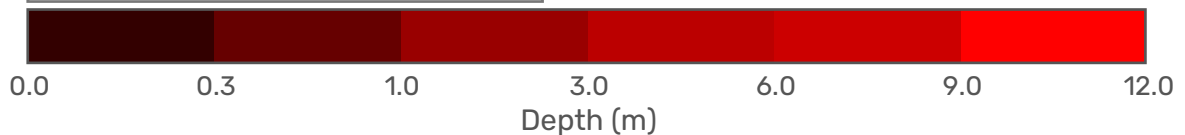
## FLOOD INDICATION 1 in 50-year Coastal flooding



## FLOOD INDICATION 1 in 100-year Coastal flooding



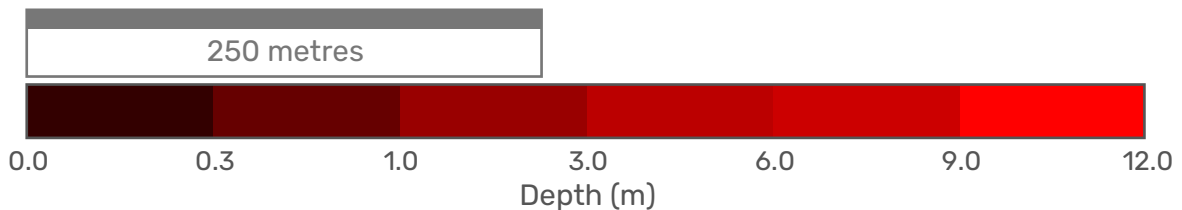
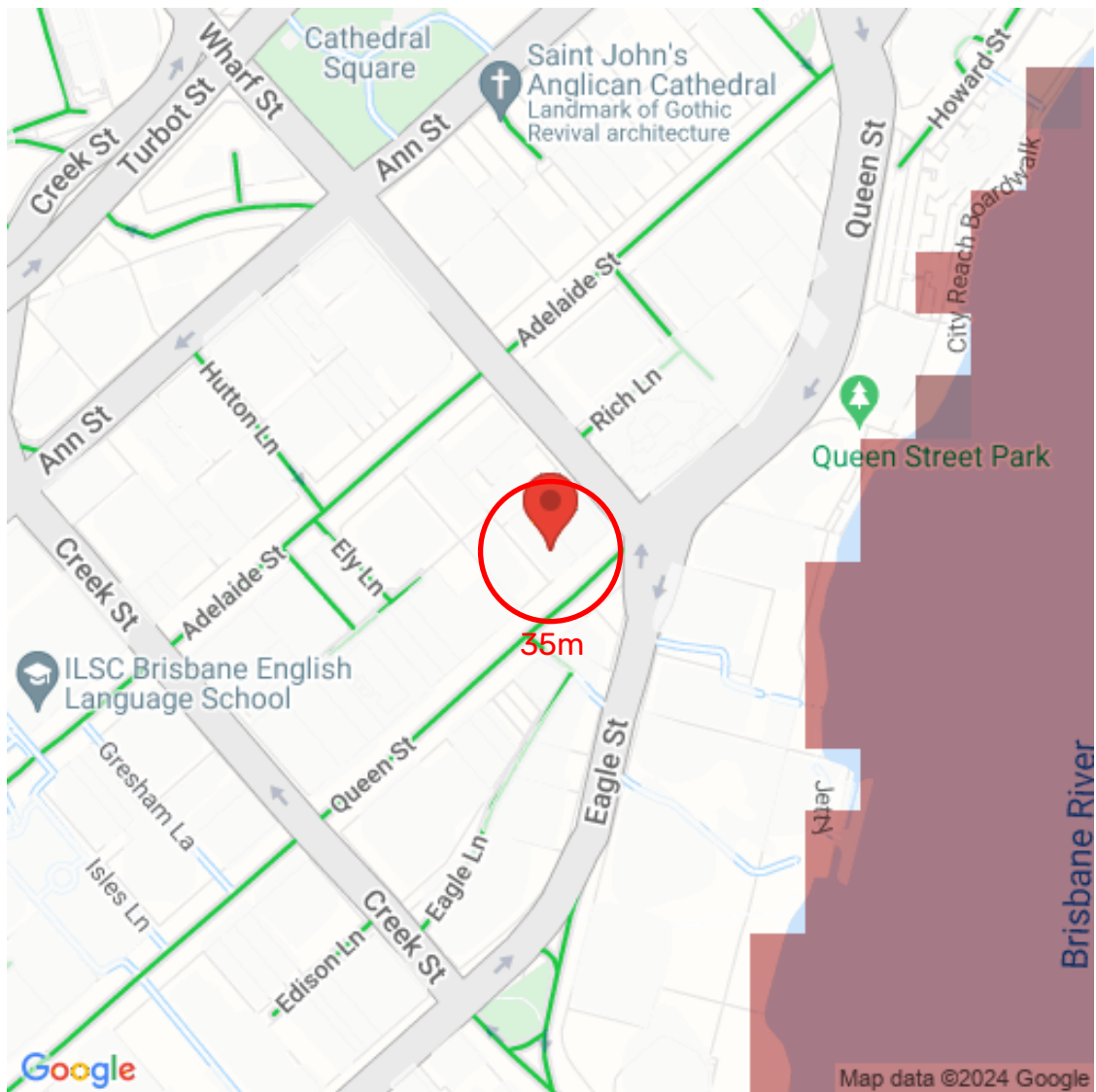
250 metres





## FLOOD INDICATION

### 1 in 200-year Coastal flooding





## FLOOD INDICATION

### 1 in 500-year Coastal flooding

