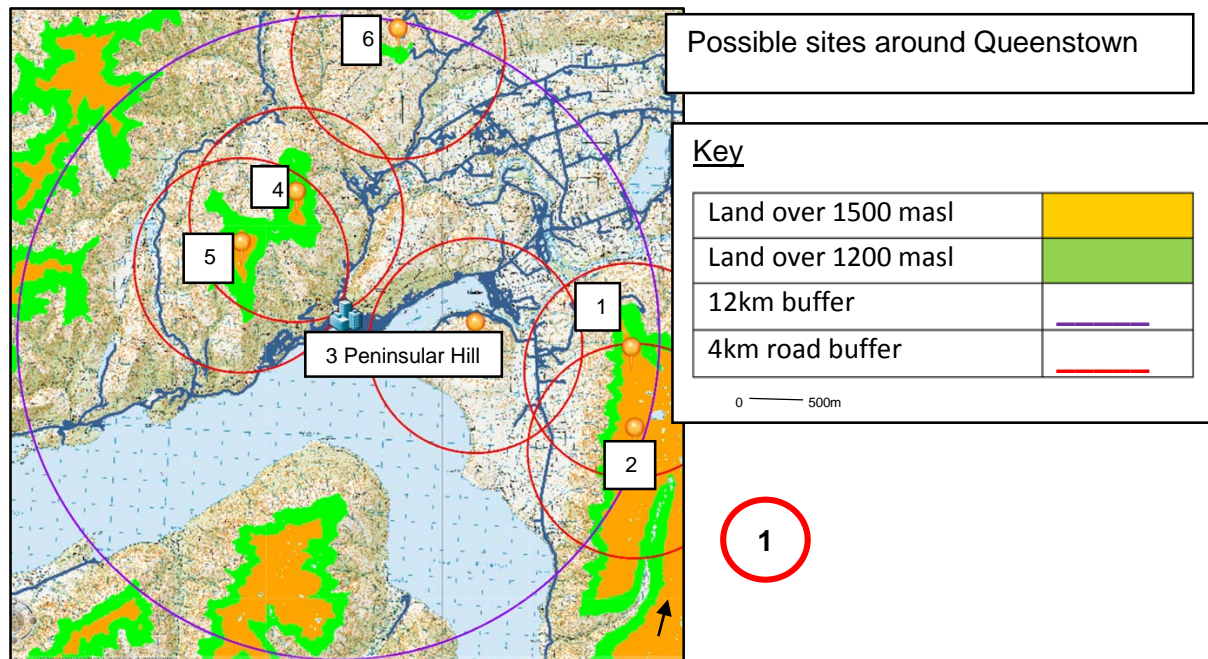


## Student 3-Low Merit



My solution to the problem of where to locate a new cell phone tower for the Queenstown region is to focus on the Peninsular Hill-Site 3.

	Position	Elevation	To Queenstown	Slope
Peninsular Hill	45°02'S, 168°43'E	834masl	4.9km	5%

The map clearly shows that it meets several of the criteria because it is so close to Queenstown. The 4km buffer shows that it clearly covers the CBD through to the Frankton Arm (2) where a lot of new development is going on...

This site has an access road and because it is so close the construction and maintenance would be easy...

The recommended elevation is 1500 metres, and Peninsular Hill is only 834 masl... While its elevation is less than the other sites, it is closer to Queenstown and there are no hills blocking it to create black spots (3).

The slope of this site...

If a second site was to be considered I would recommend one in the Remarkables Range which have a higher elevation and is relatively close...