

Summary of technical information for each bach

Bach no.	Geotechnical hazards	District Plan scheduled heritage item
Boulder Bay		
1	There is a high hazard present due to the possibility for debris avalanche and/or rockfall from individual boulders.	Yes
2	There is a high hazard present due to the possibility for debris avalanche and/or rockfall from individual boulders.	Yes
4	Damaged rock in a small cliff behind the bach indicates a moderate to high hazard present due to the possibility of cliff collapse.	No
5	There is a low hazard present due to the potential for rockfall or cliff collapse.	No - but meets the threshold
6	There is a low hazard present due to the potential for rockfall or cliff collapse.	Yes
7	There is a low hazard present due to the potential for rockfall or cliff collapse.	No - but meets the threshold
8	A small cliff is located behind the bach and there is some damaged rock which presents a moderate hazard due to the potential for rockfall.	No - but meets the threshold
9	A small cliff is located behind the bach and there is some damaged rock which presents a moderate hazard due to rockfall.	No - but meets the threshold
10	There is a high hazard present due to the possibility of cliff collapse and rockfall.	No – but meets the threshold

Bach no.	Geotechnical hazards	District Plan scheduled heritage item
Taylors Mistake		
28	While located on top of a small cliff there is low hazard present due to cliff collapse.	Yes
30	There is a high hazard present due to the possible collapse of the low cliff adjacent to the bach which could impact on the site and bach.	Yes
31	There is a high hazard present due to the possibility of rockfall from rock outcrops above the bach.	Yes
32	There is a high hazard present due to the possibility of rockfall from rock outcrops above the bach.	Yes
33	There is a low hazard present due to rockfall given the distance of the bach from minor areas of rock outcrops.	Yes
34	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No - but meets the threshold
35	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No - but meets the threshold
36	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No - but meets the threshold
37	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No - but meets the threshold
38	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No - but meets the threshold
39	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No - but meets the threshold

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40	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No - but meets the threshold
41	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No - but meets the threshold
42	There is a low hazard present due to rockfall.	No - but meets the threshold
43	There is a low hazard present due to rockfall even though a number of boulders have reached the flat area behind the bach during or before the earthquakes.	No – but meets the threshold
44	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No – but meets the threshold
45	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No – but meets the threshold
46	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No – but meets the threshold
47	There is a low hazard present due to the possibility of rockfall or cliff collapse.	Yes
Hobsons Bay		
48	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No – but meets the threshold
49	There is a low hazard present due to the possibility of rockfall or cliff collapse.	Yes
51	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No – but meets the threshold

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52	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No – but meets the threshold
55	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No – but meets the threshold
56	There is a low hazard present due to the possibility of rockfall or cliff collapse.	Yes
57	There is a low hazard present due to the possibility of rockfall or cliff collapse.	Yes
58	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No – but meets the threshold
59	There is a low hazard present due to the possibility of rockfall or cliff collapse.	Yes
60	There is a low to moderate land instability hazard. The slope below the bach has failed but this does not currently undermine the bach structure. Further undermining could affect the stability of structure.	No – but meets the threshold
62	The bach is located under a cliff which shows evidence of instability and there is a high hazard present due to the possibility of cliff collapse. Some stabilisation work has been undertaken but its effectiveness in future events is uncertain.	No - doesn't meet the threshold
63	The bach is located immediately under overhanging cliff which shows signs of instability and there is a high hazard present due to the possibility of cliff collapse. The bach has been severely damaged by rockfall that occurred after the earthquakes.	No – but meets the threshold
64	The bach is located immediately under overhanging cliff which shows signs of instability and there is a high hazard present due to the possibility of cliff collapse.	No - but meets the threshold
67	The bach is located immediately under overhanging cliff which shows signs of instability and there is a high hazard present due to the possibility of cliff collapse.	No - but meets the threshold

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68	The bach is located immediately under overhanging cliff which shows signs of instability and there is a high hazard present due to the possibility of cliff collapse.	Yes
69	While there is a low hazard present due to the possibility of cliff collapse or rockfall, it is located in the mouth of a steep gully which may be susceptible to mass movement.	No – but meets the threshold
70	There is a low hazard present due to the possibility of rockfall or cliff collapse.	No - but meets the threshold