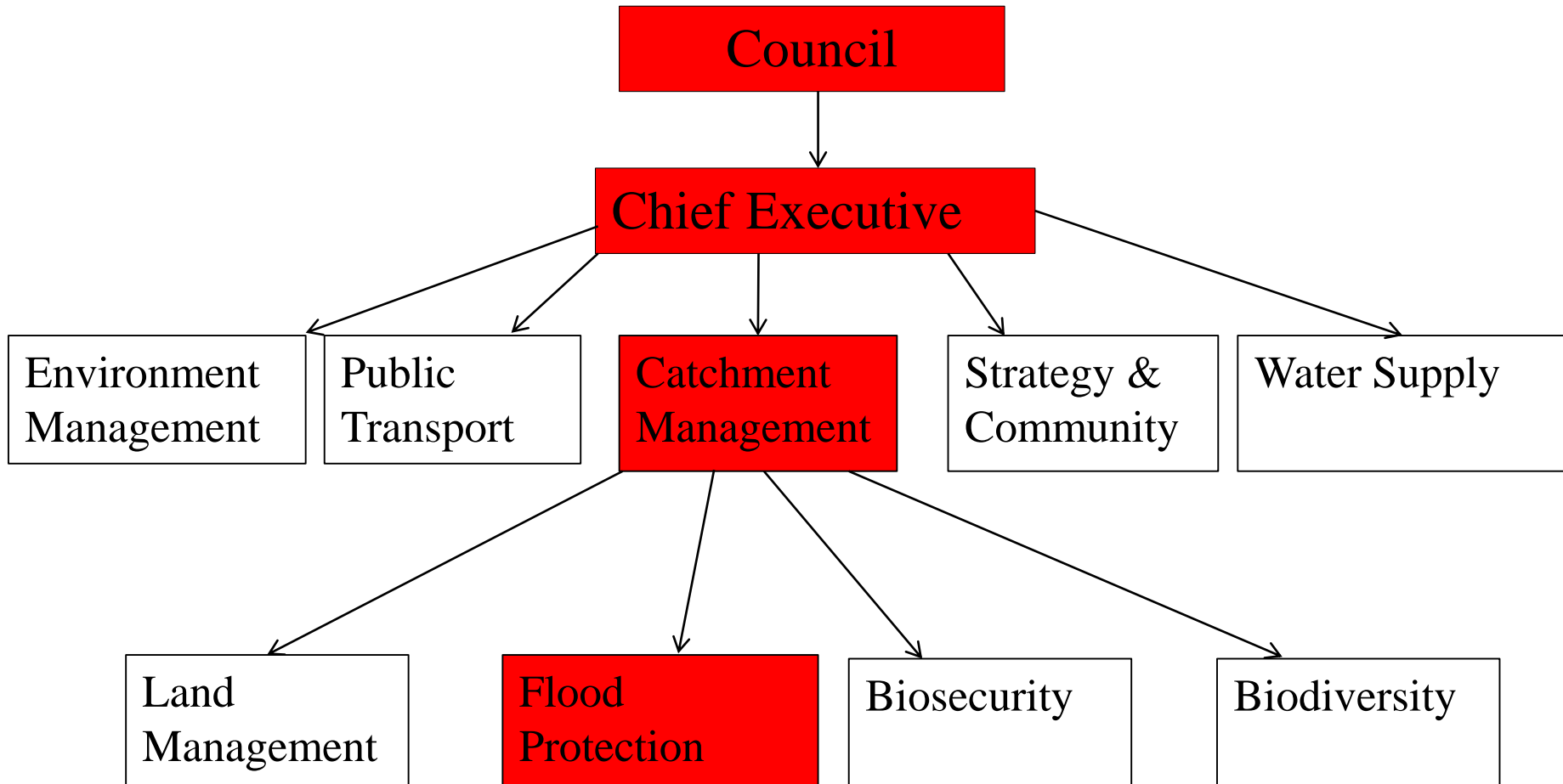
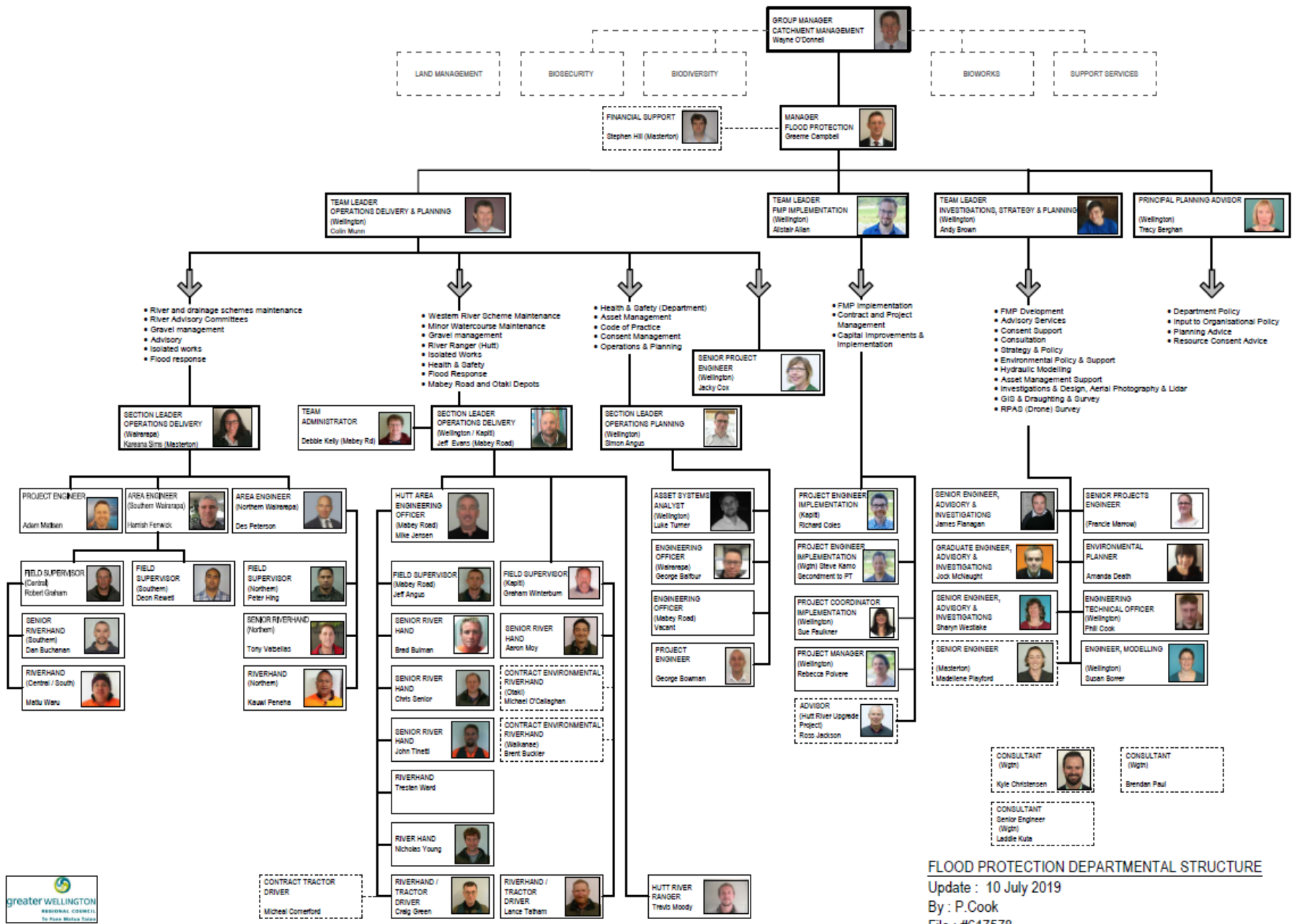


Whaitua te Whanganui a Tara

Te Awa Kairangi and Flood Protection

July 2019





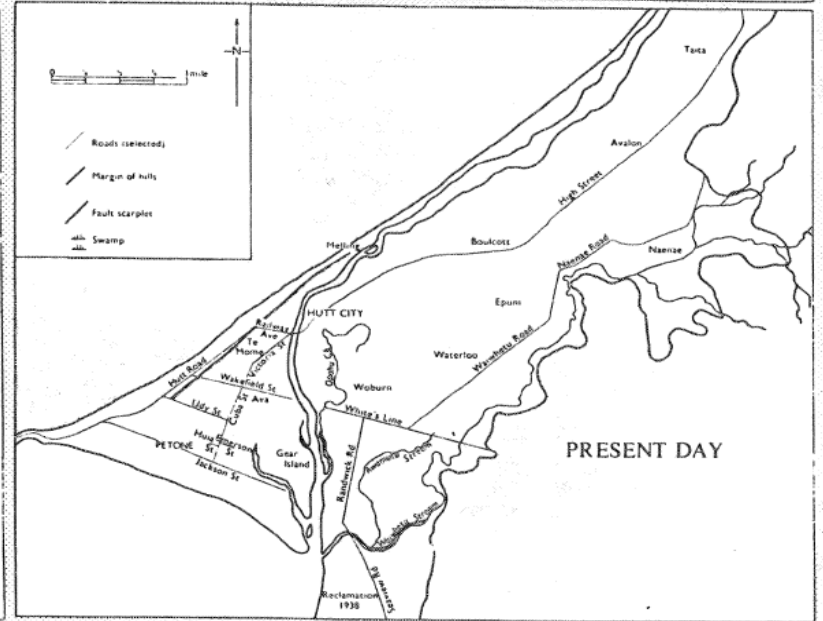
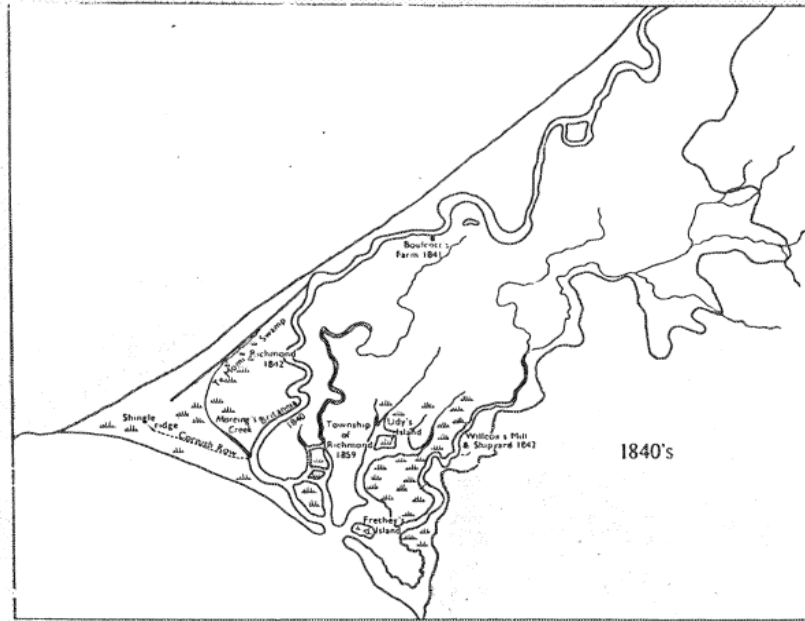
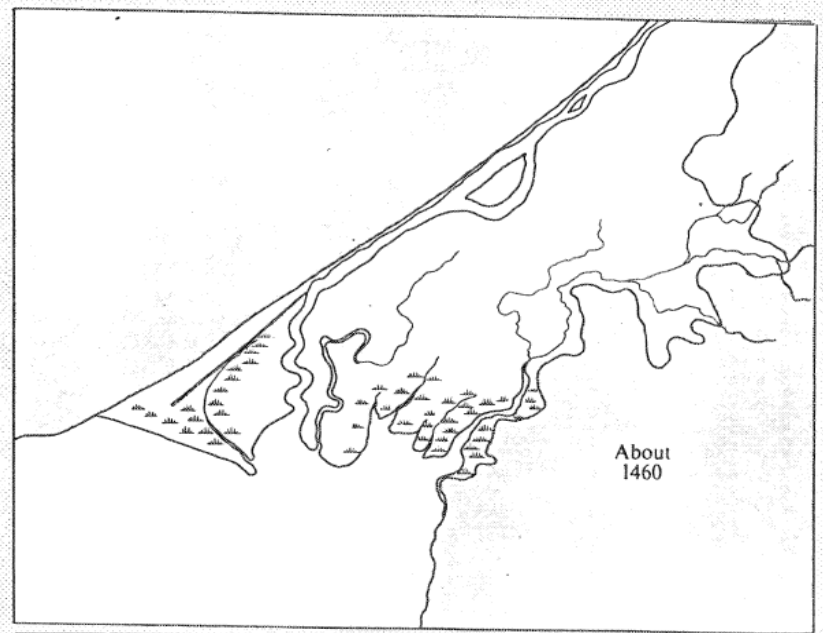
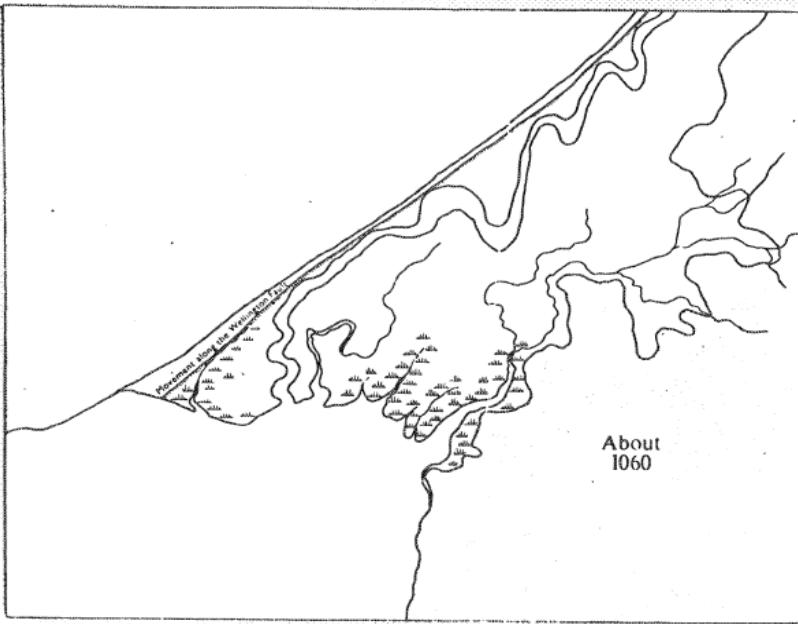
FLOOD PROTECTION DEPARTMENTAL STRUCTURE
Update : 10 July 2019
By : P.Cook
File : #617578



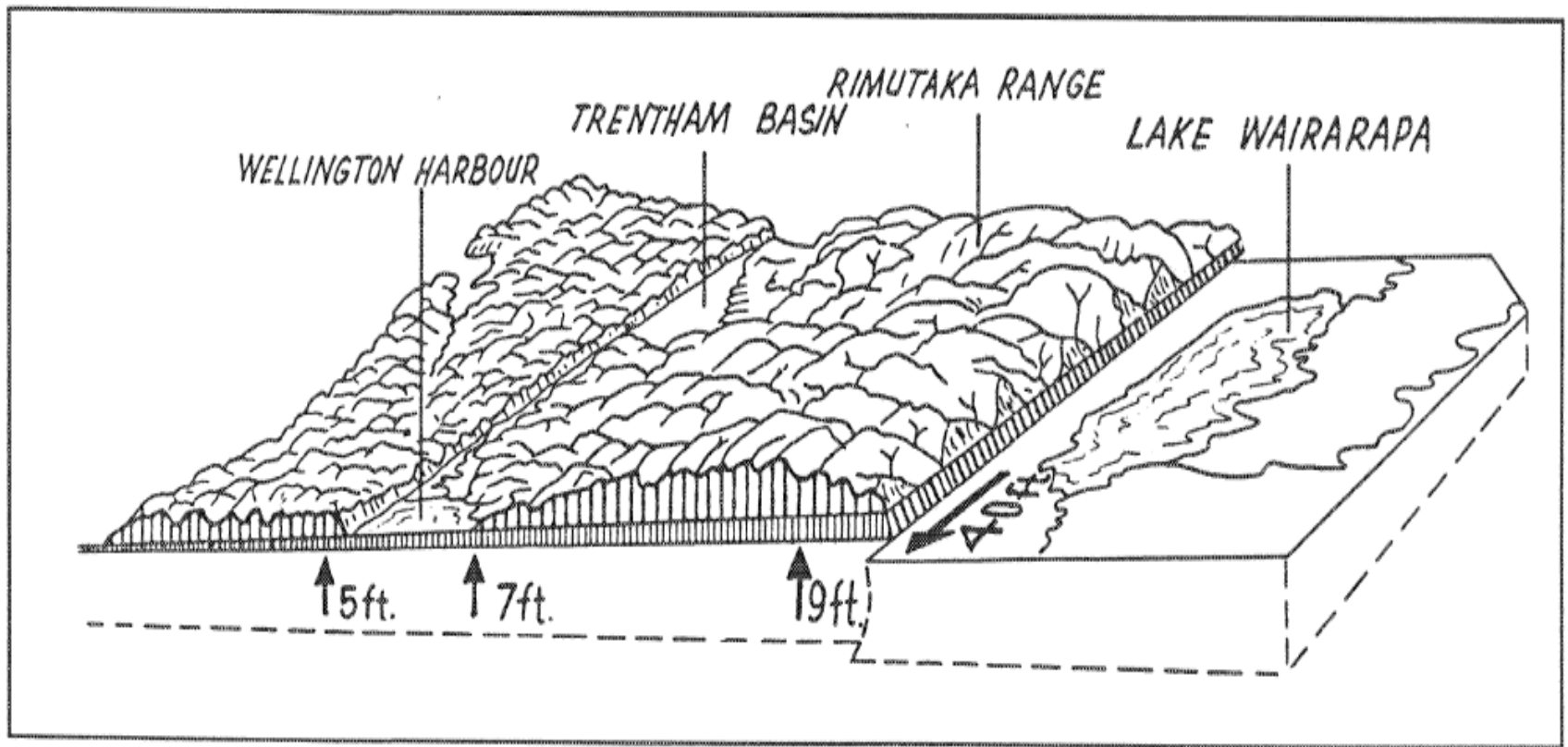
Presentations Today

- Recent development on the Floodplain
- The work we currently do
- Opportunitites into the future

DEVELOPMENT ON THE FLOODPLAIN



Petone foreshore and Hutt River Estuary

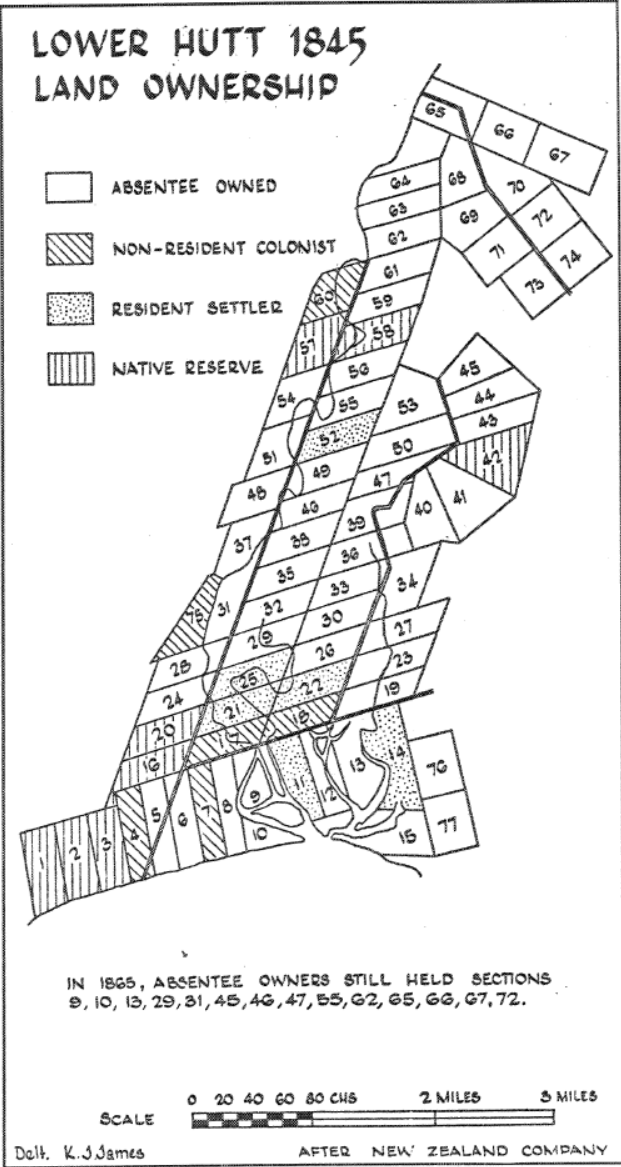


Fault movement, 1855 earthquake

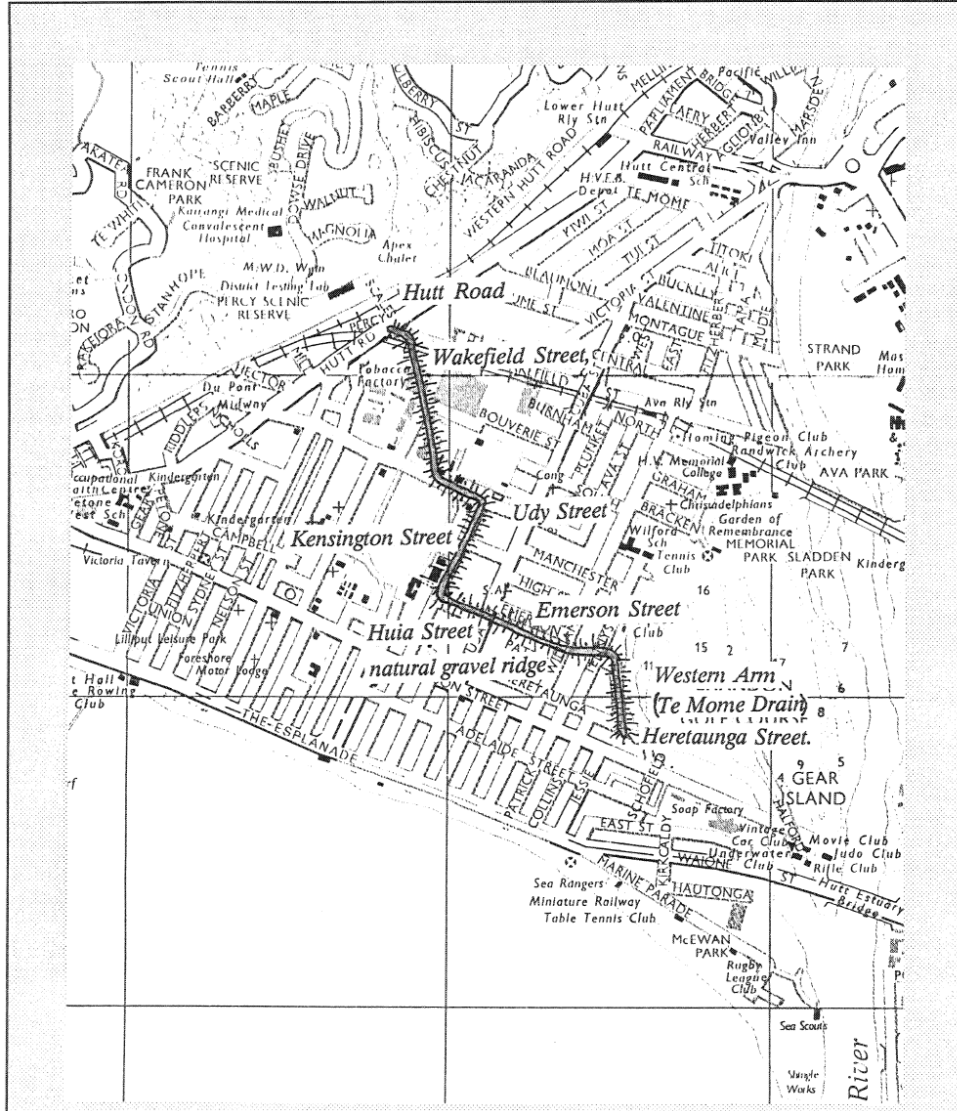
Port Nicholson from the Hills above Petone, 1847



Land ownership in 1845



1894 Petone Stopbank



1898 Flood, Hutt River



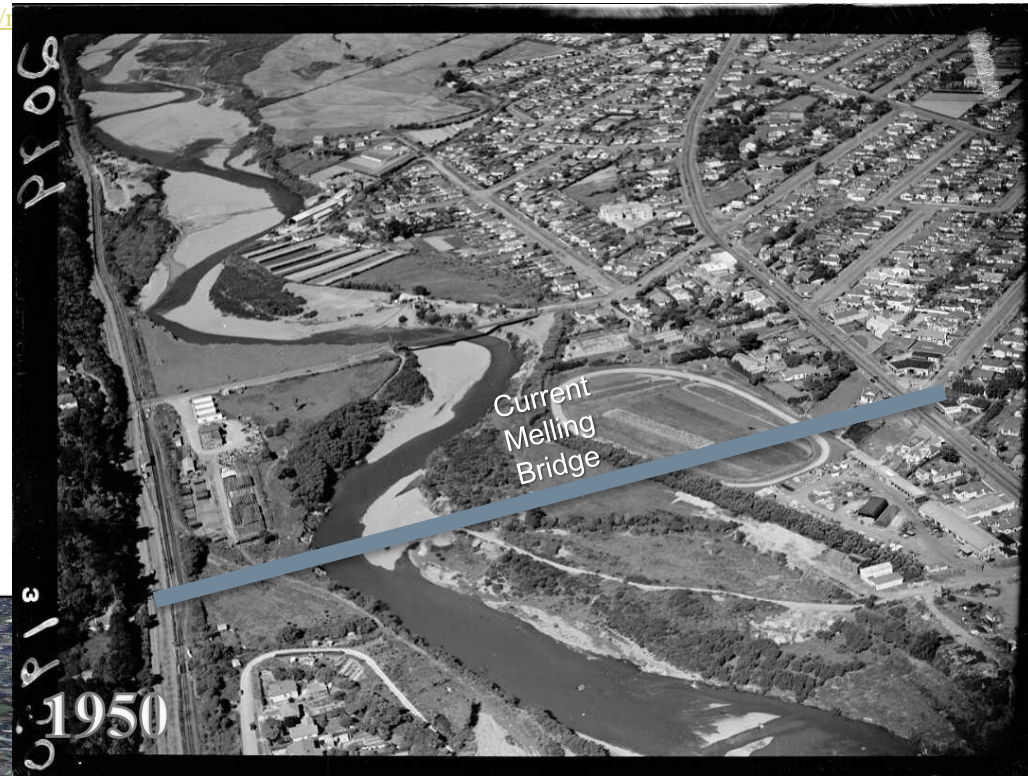
Melling Bridge in Flood 1915



Aerial view of Melling, Wellington. Evening post (Newspaper. 1865-2002) :Photographic negatives and prints of the Evening Post newspaper.
Ref: 114/241/03-F. Alexander Turnbull Library, Wellington, New Zealand. [View image](#)



Melling Bridge



Hutt City Centre Jan 2005 (25 yr event)

Design event 440 year return period



1847



P e t o n e

1870



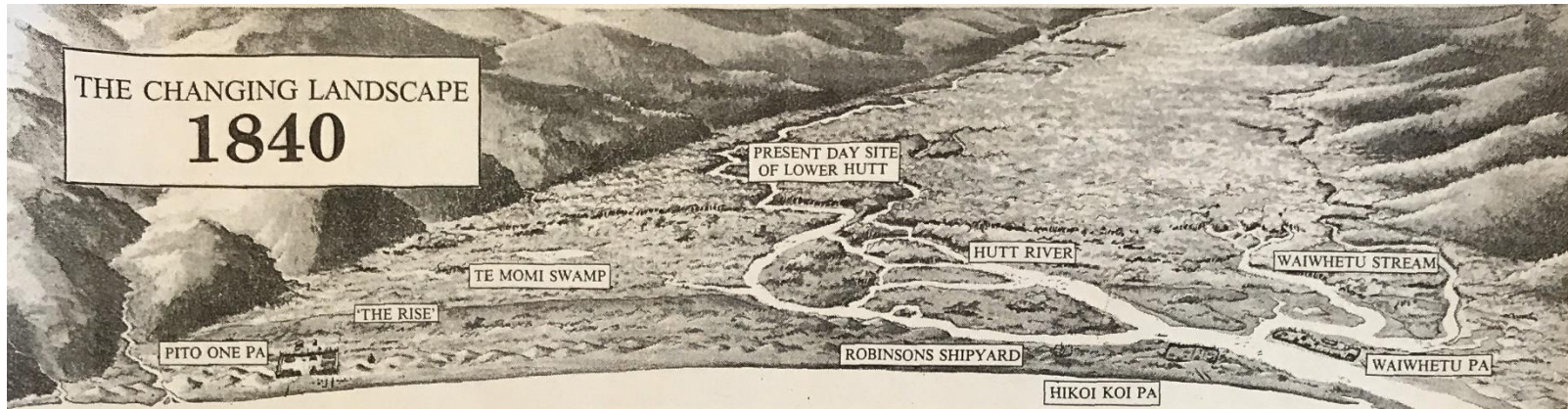
1920



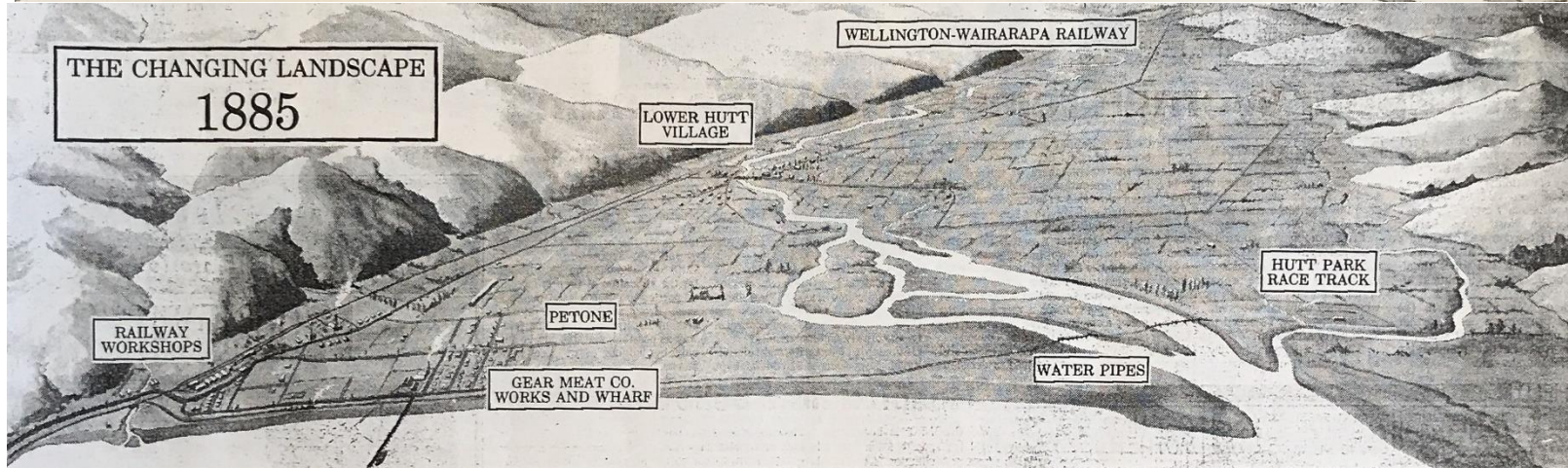
2009



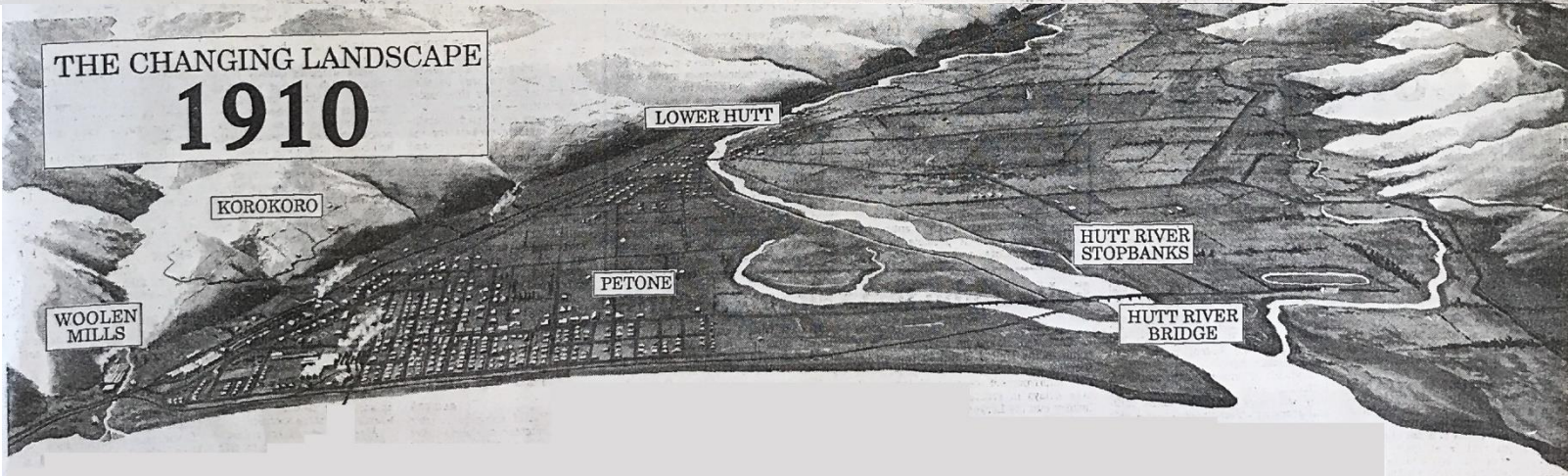
THE CHANGING LANDSCAPE
1840

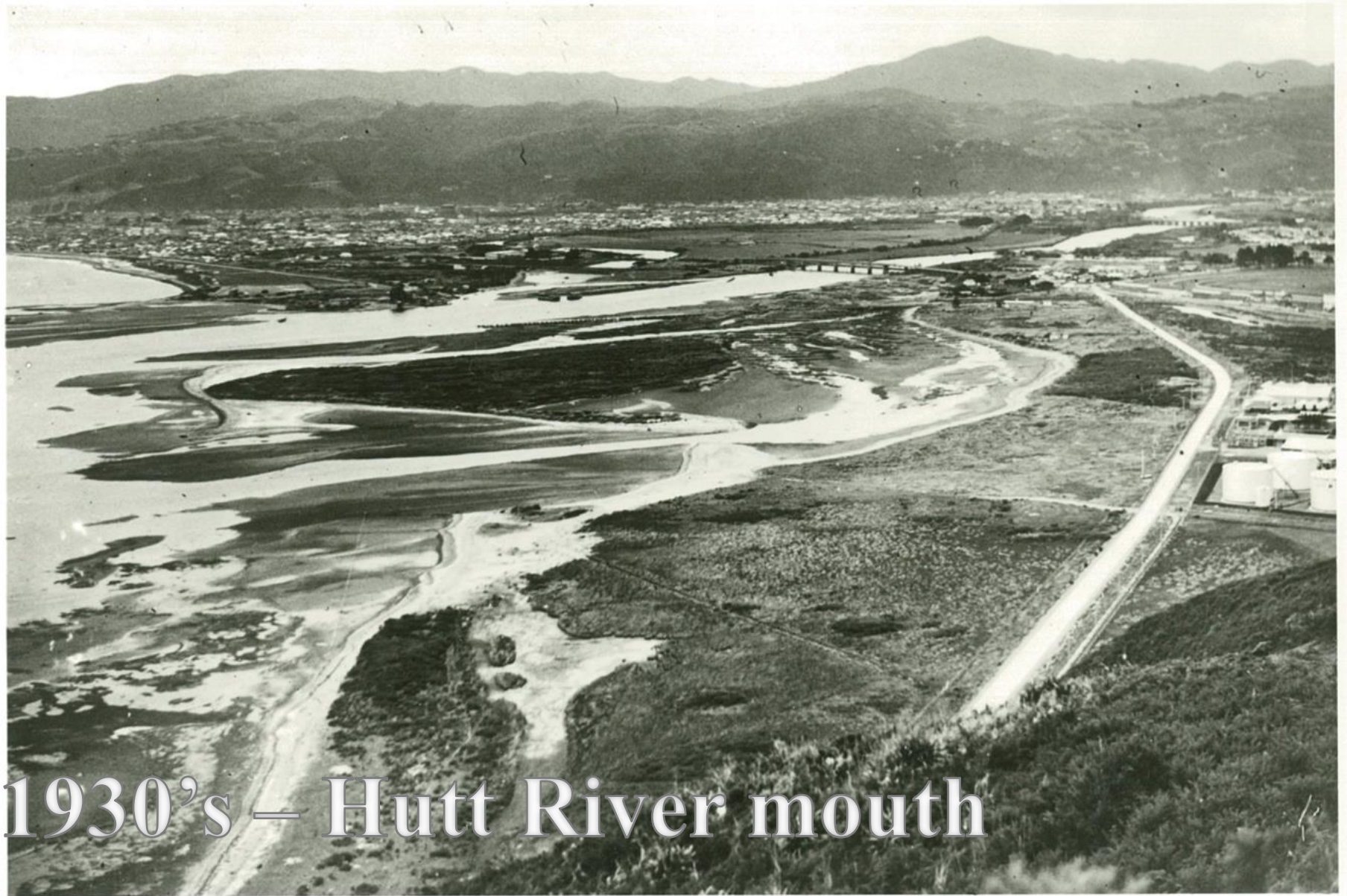


THE CHANGING LANDSCAPE
1885

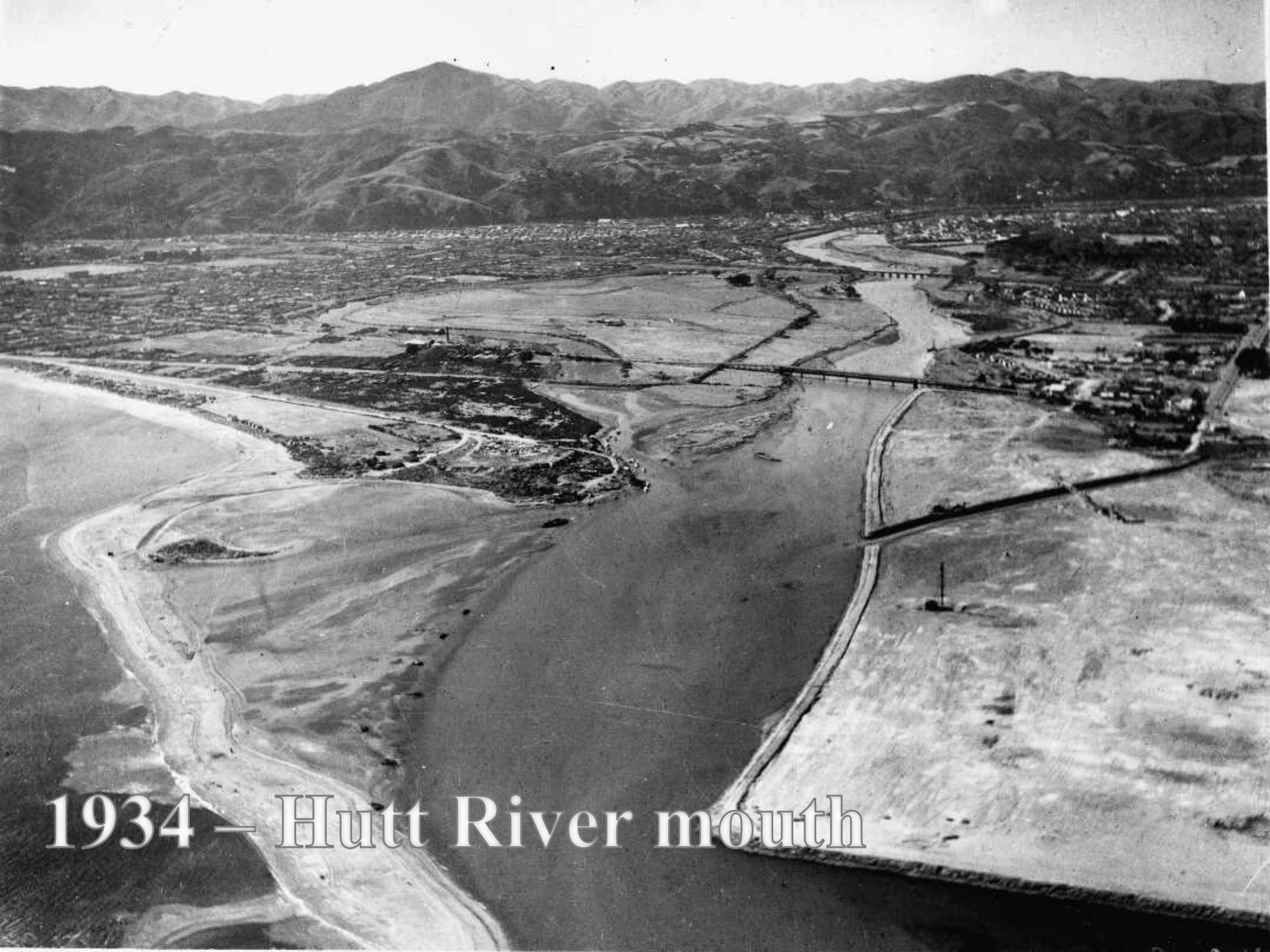


THE CHANGING LANDSCAPE
1910





1930's – Hutt River mouth



1934 – Hutt River mouth

Lower Hutt today showing reclaimed land





AERIAL PHOTOGRAPH DATED : 1943

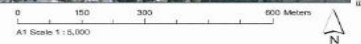


AERIAL PHOTOGRAPH DATED : 1974



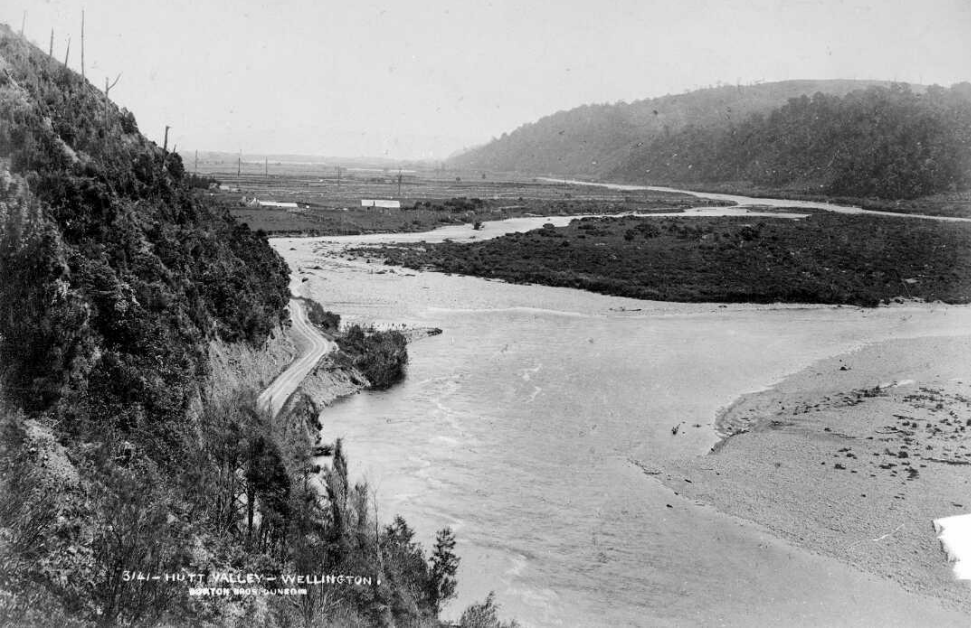
AERIAL PHOTOGRAPH DATED : 2009

HUTT RIVER CHANNEL COMPARISONS 1943, 1974 & 2009 (Sheet 3)



File Ref : 1943 - 1974 - 2009 Hutt River - Historical Channel Comparison - Sheet 3.mxd

1868 – 1898



1947

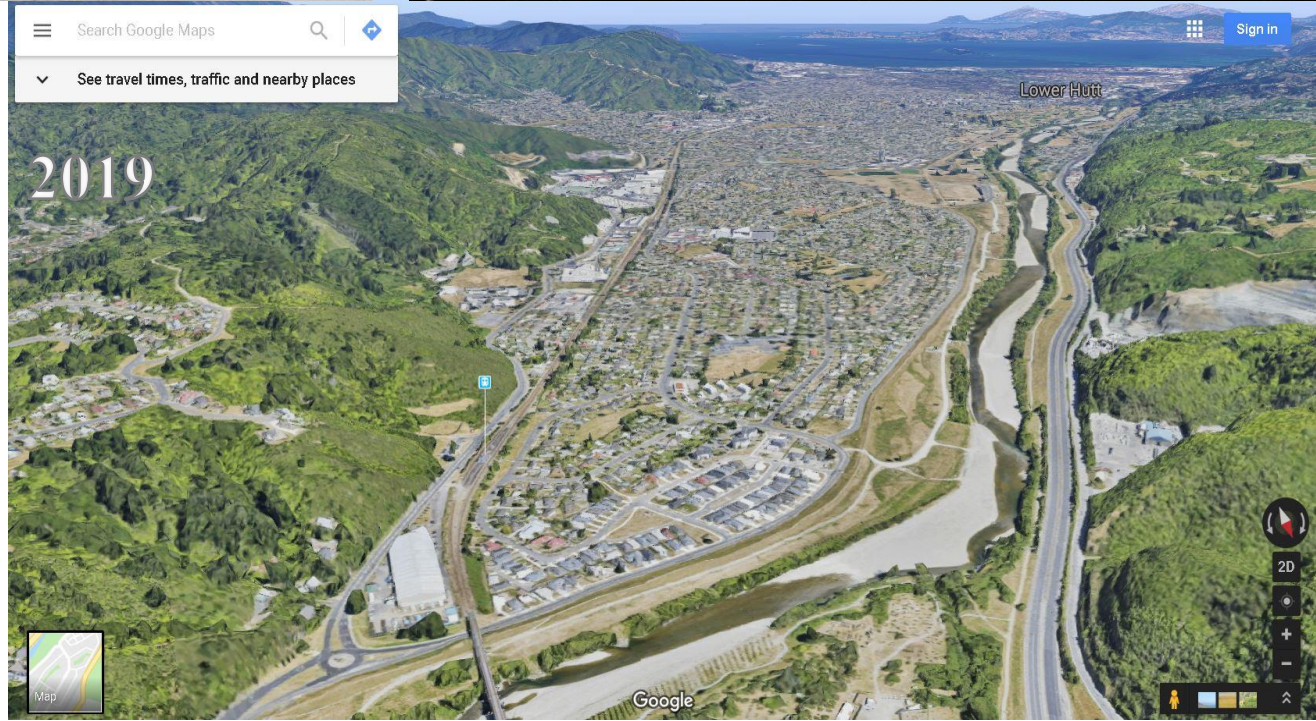


3/4 - HUTT VALLEY - WELLINGTON
MARTIN BROWN GALLERY

Pomare

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2019



Sign in

Lower Hutt



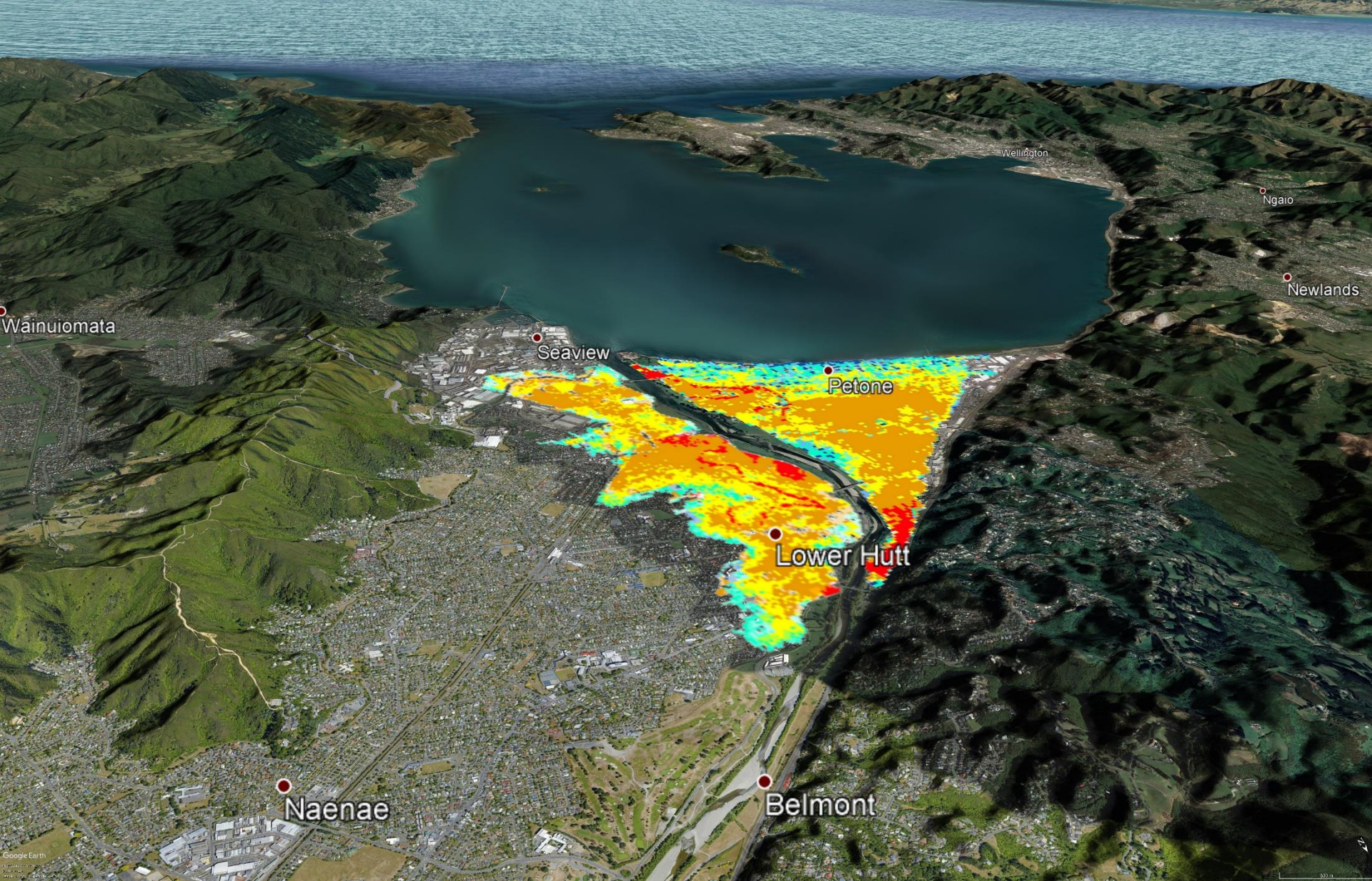
Google



River Road Construction - 1986







WHAT WE DO AND WHY