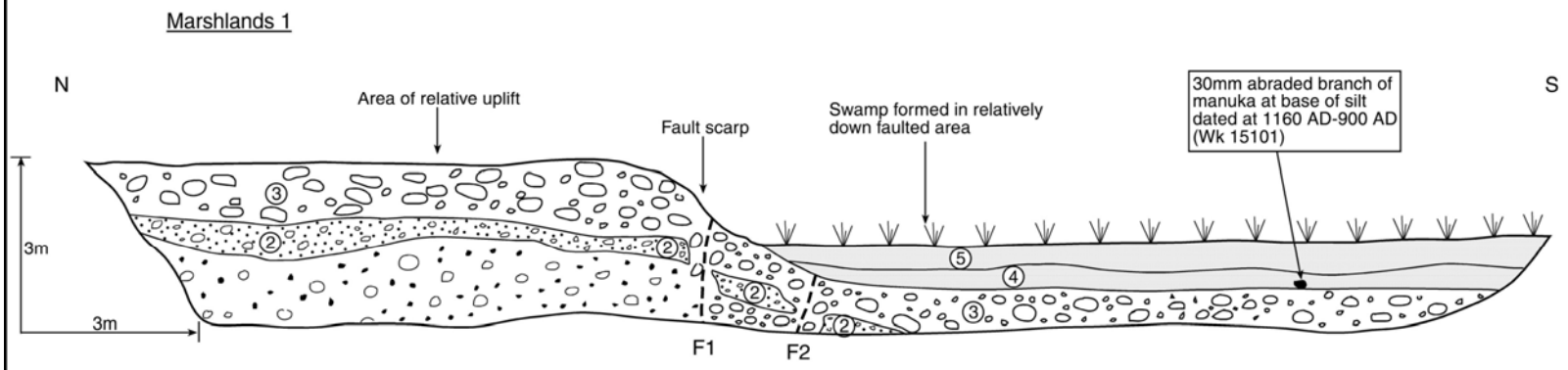

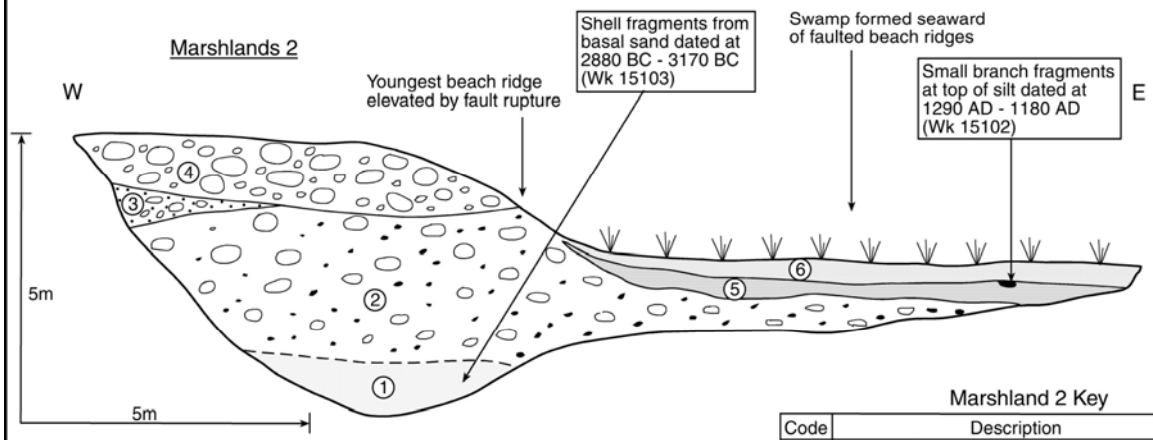

SUMMARY

- Silt under swamp post - dates rupture event indicated by geomorphology and F2 truncation.
- Rupture older than 1160 AD and most probably around 1000 AD.

Marshland 1 Key

Code	Description	Interpretation
5	Soft brown fibrous peat and clayey silt	Swamp deposits
4	Stiff grey blue clayey silt with rare wood fragments	Overbank silts from flooding of the Wairau River
3	Coarse well rounded clast supported slightly sandy gravel. Clasts of greywacke and some finer clasts of Amuri Limestone	Old beach gravels
2	Medium well rounded matrix supported sandy gravel and gravelly sand	Old beach gravels
1	Medium - coarse well rounded matrix supported sandy gravel	Old beach gravels or near shore marine sediments

Marshland 2 Key

Code	Description	Interpretation
6	Soft brown fibrous peat and clayey silt	Swamp deposits
5	Stiff grey blue clayey silt with rare wood fragments	Overbank silts from flooding of the Wairau River
4	Coarse to very coarse well rounded clast supported slightly sandy gravel	Old beach ridge gravel
3	Medium well rounded clast and matrix supported sandy gravel	Old beach ridge gravel
2	Coarse to medium well rounded matrix supported sandy gravel	Old beach ridge gravel
1	Medium sand with some fine gravel and rare shell fragments	Near shore marine sediment

Figure 3
PALEOSEISMIC TRENCH FACE LOGS