

Transect geometric and soil properties

September 29, 2022

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1 Individual transects

1.1 aslp5

Free face height: 2.4 m

Channel width: 24.0 m

No. CPTs: 2

Spreading type: Moderate

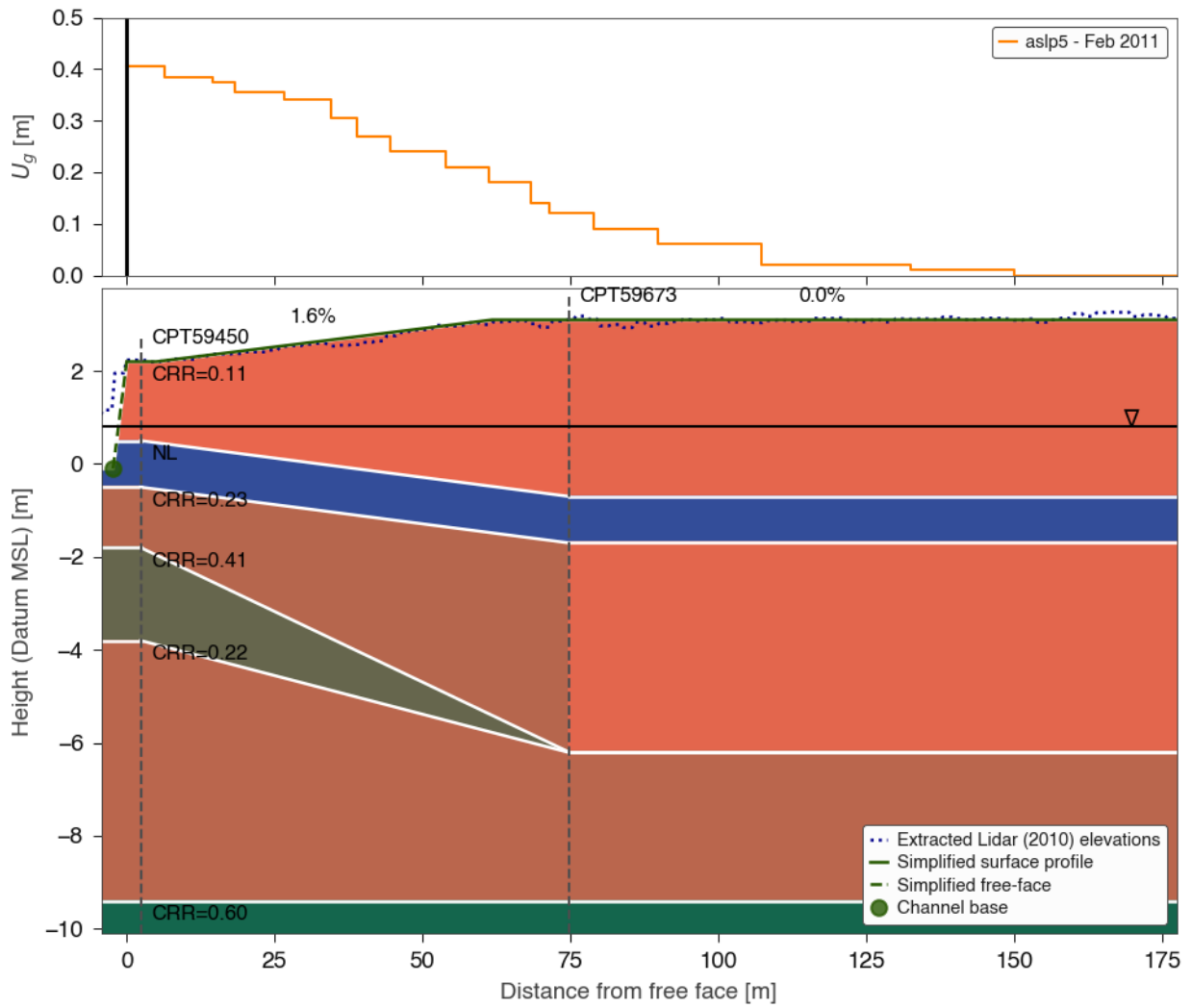


Figure 1: a) Measured ground displacement of aslp5 b) Simplified ground profile

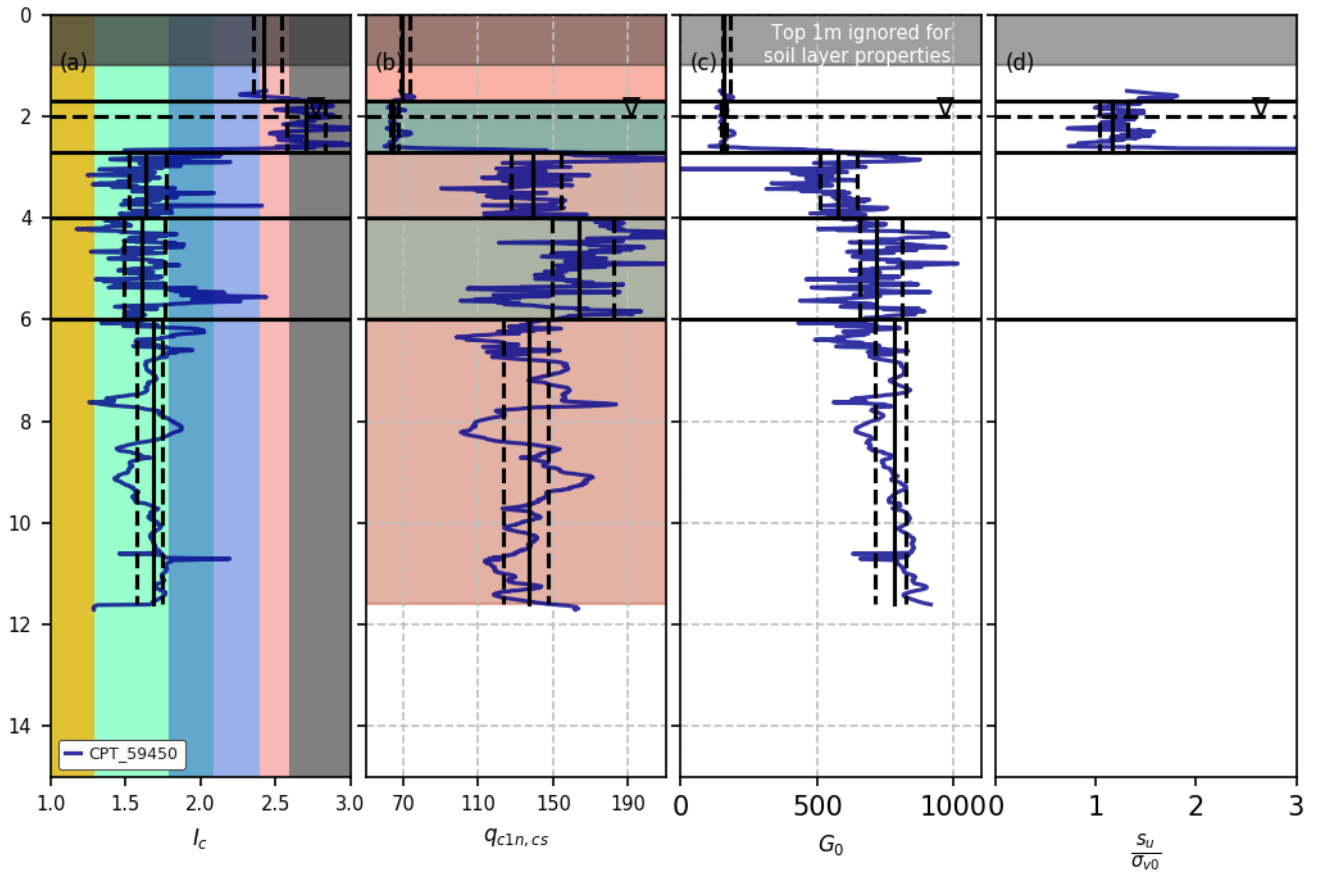


Figure 2: Simplified profile at free-face - aslp5

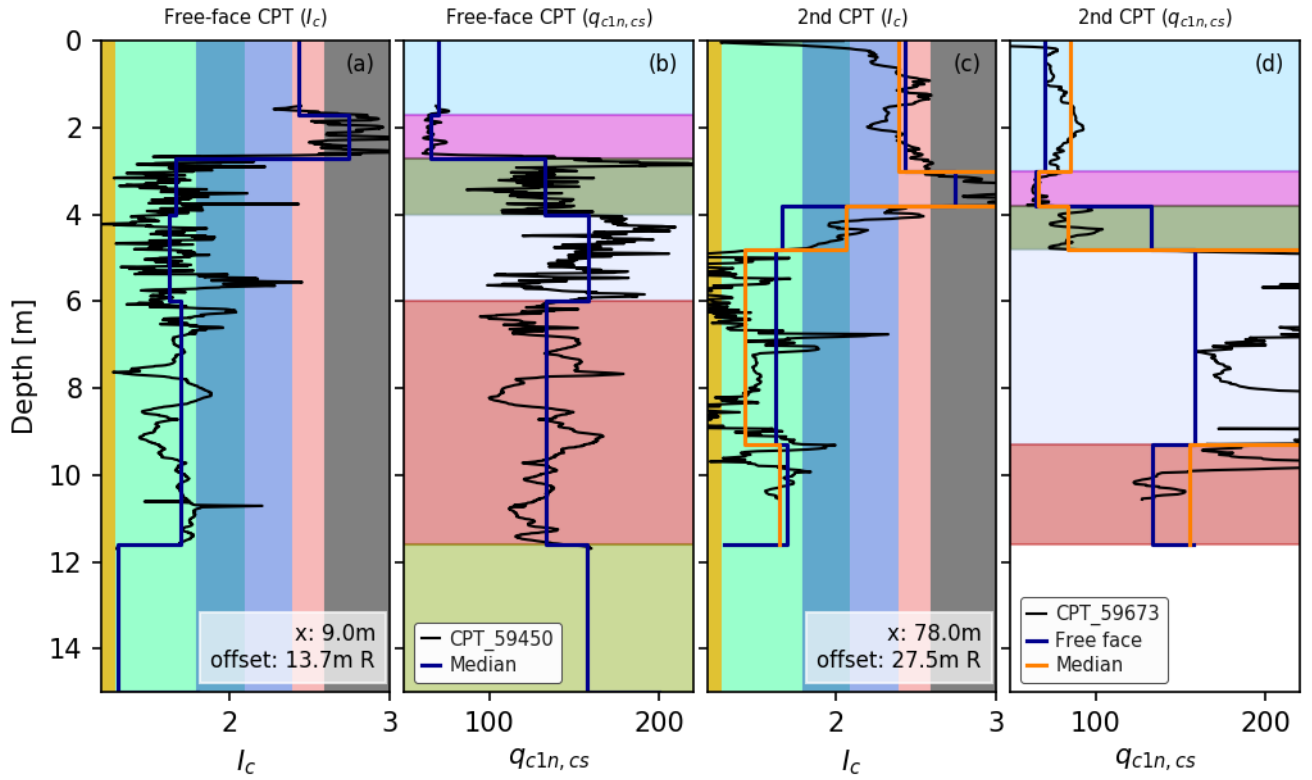


Figure 3: Simplified profile of aslp5 with 1st CPT

1.2 avd1

Free face height: 3.6 m

Channel width: 54.0 m

No. CPTs: 2

Spreading type: Large

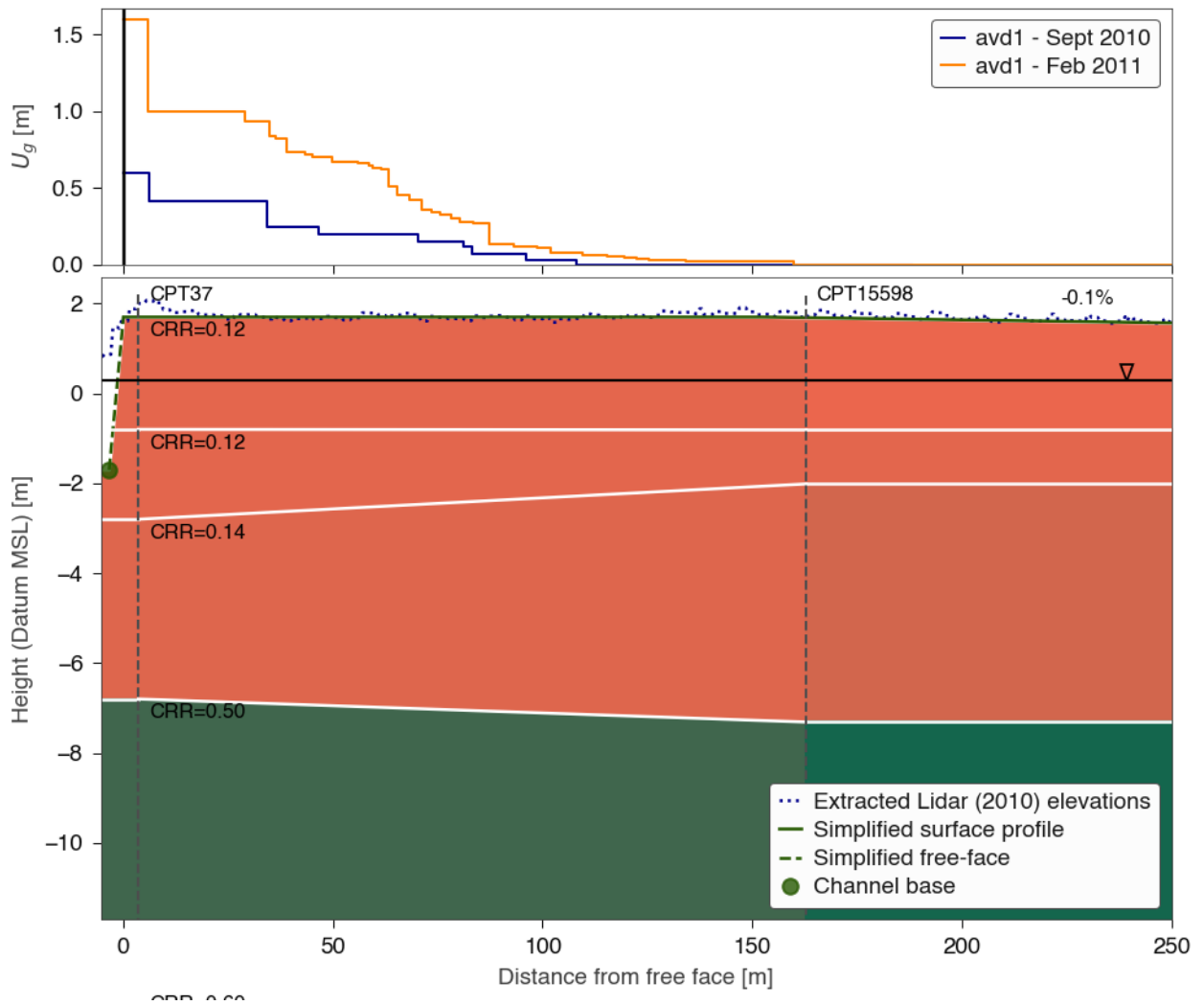


Figure 4: a) Measured ground displacement of avd1 b) Simplified ground profile

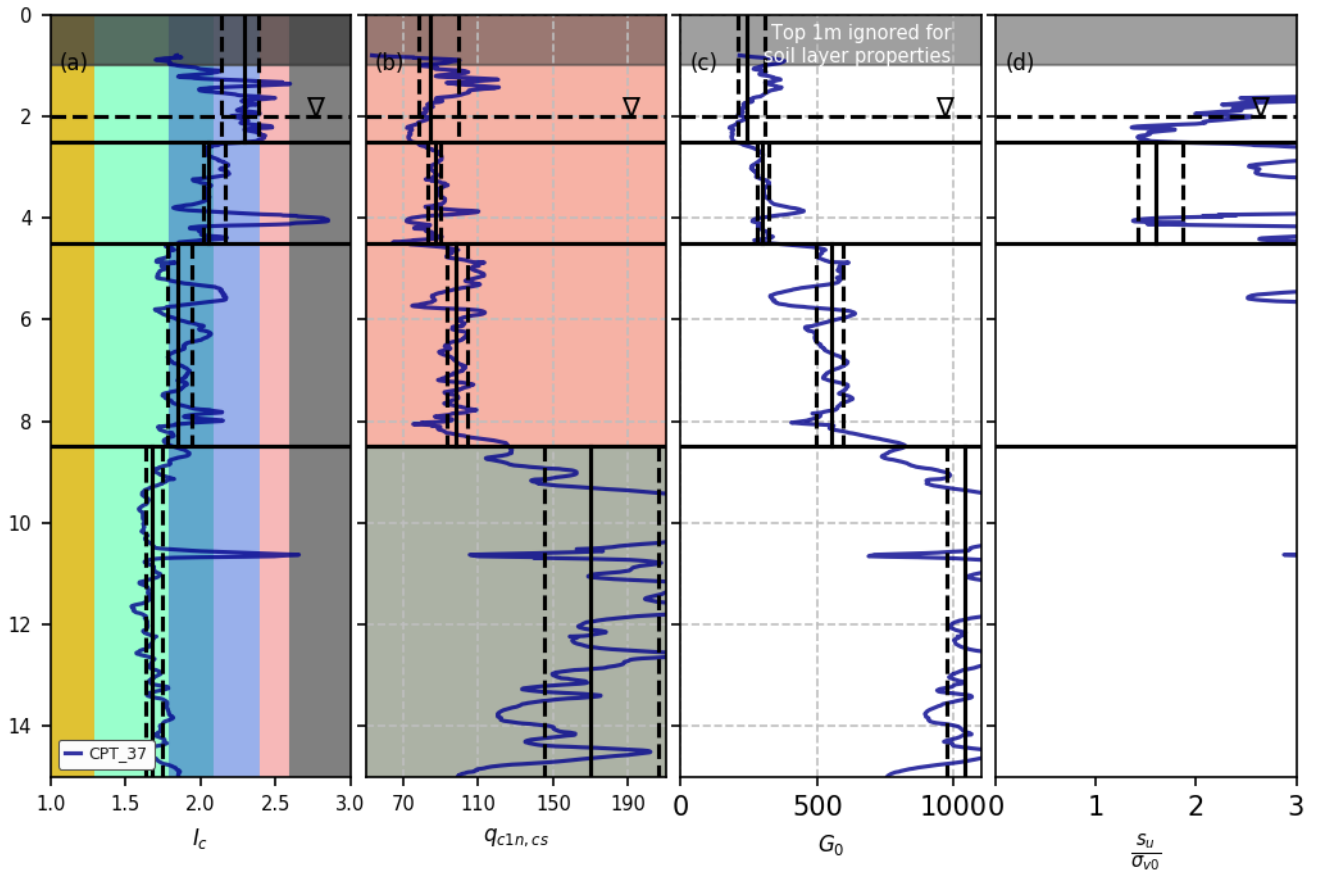


Figure 5: Simplified profile at free-face - avd1

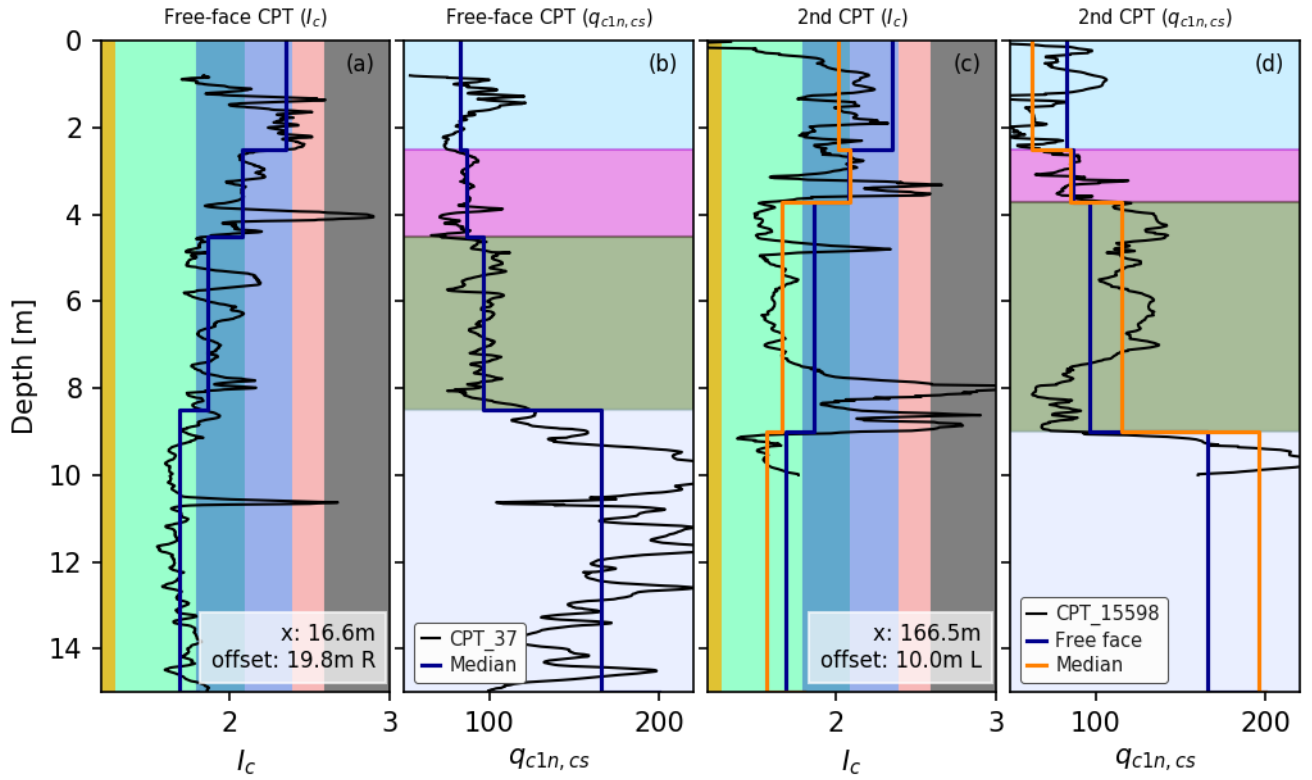


Figure 6: Simplified profile of avd1 with 1st CPT

1.3 avd4

Free face height: 3.4 m

Channel width: 26.0 m

No. CPTs: 2

Spreading type: Moderate

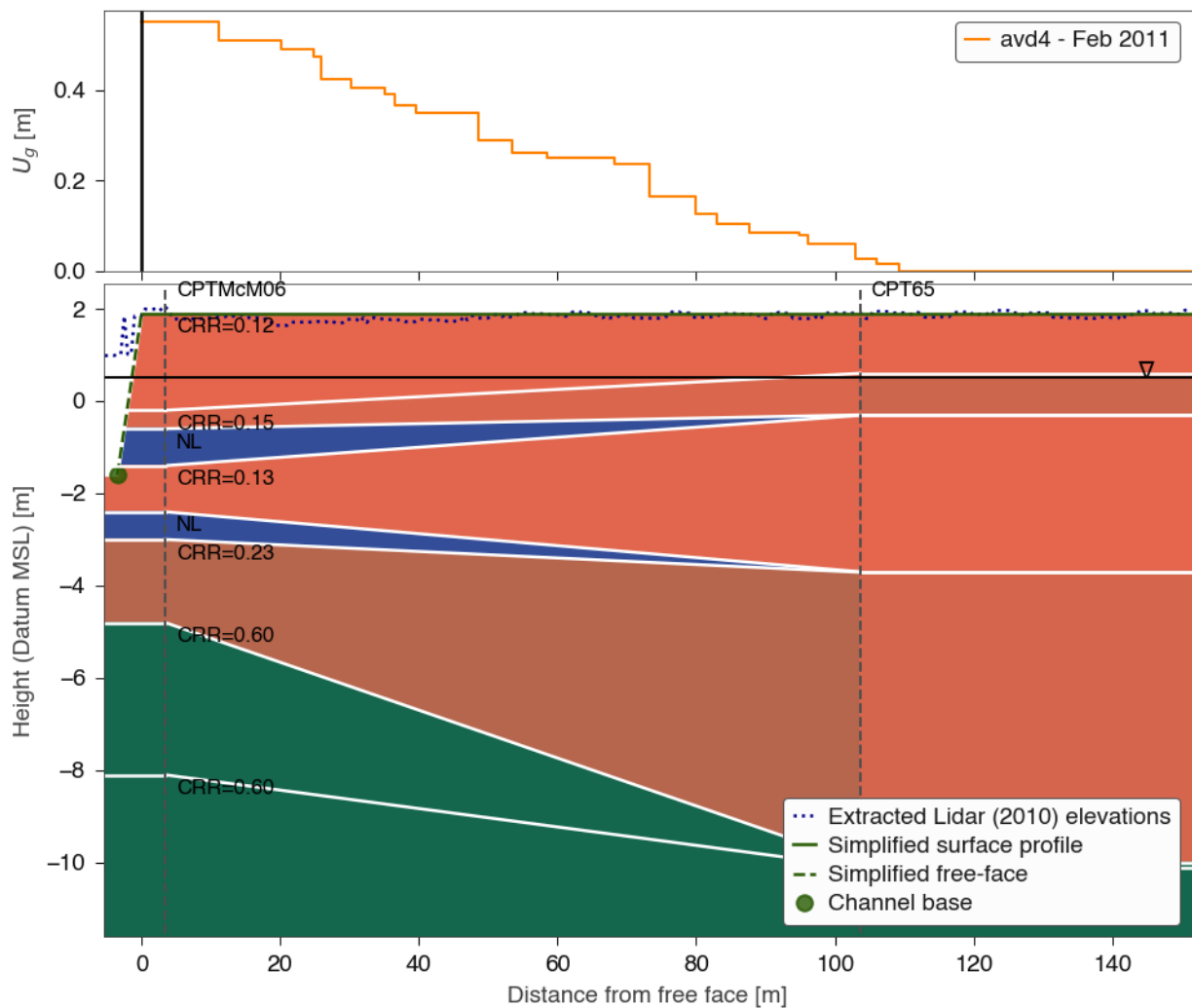


Figure 7: a) Measured ground displacement of avd4 b) Simplified ground profile

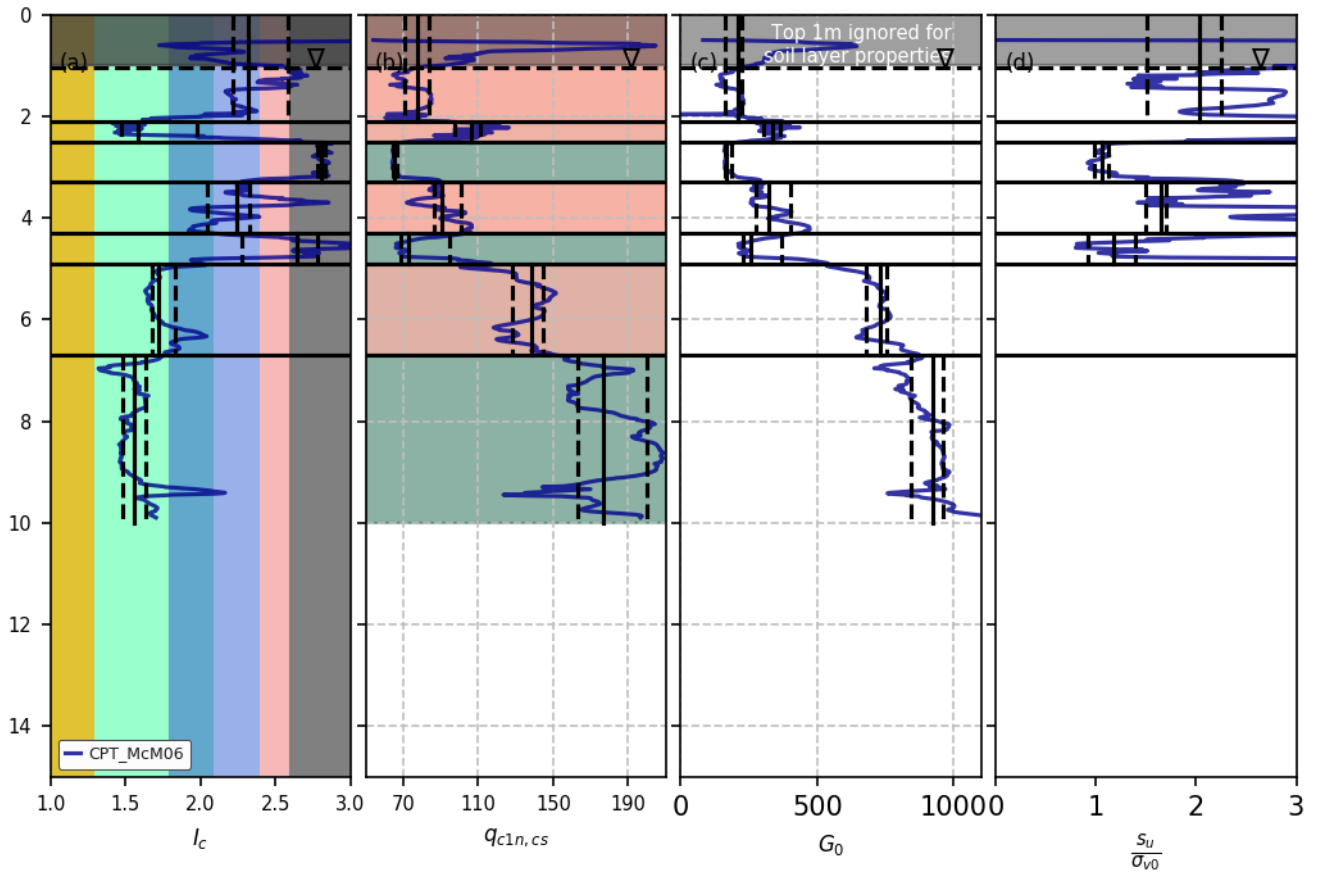


Figure 8: Simplified profile at free-face - avd4

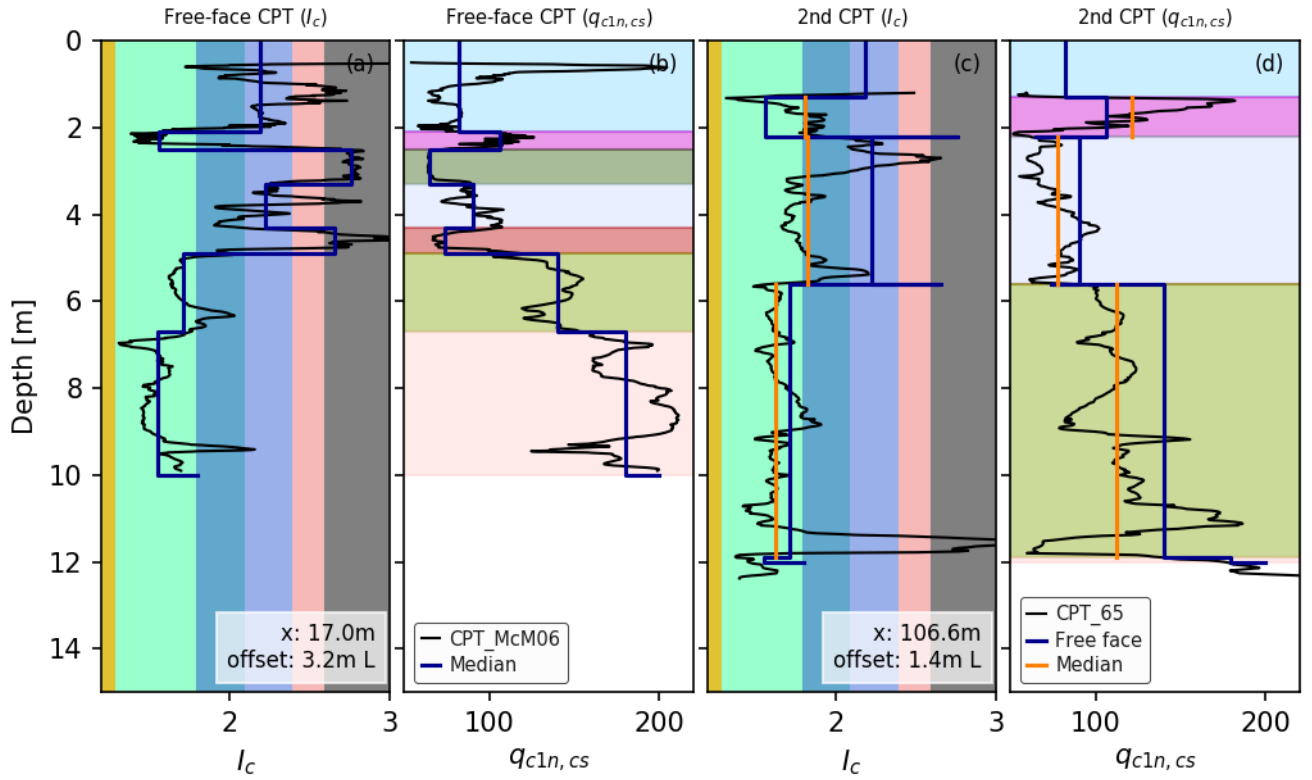


Figure 9: Simplified profile of avd4 with 1st CPT

1.4 avnlp2

Free face height: 2.5 m

Channel width: 13.0 m

No. CPTs: 1

Spreading type: Large/Localised

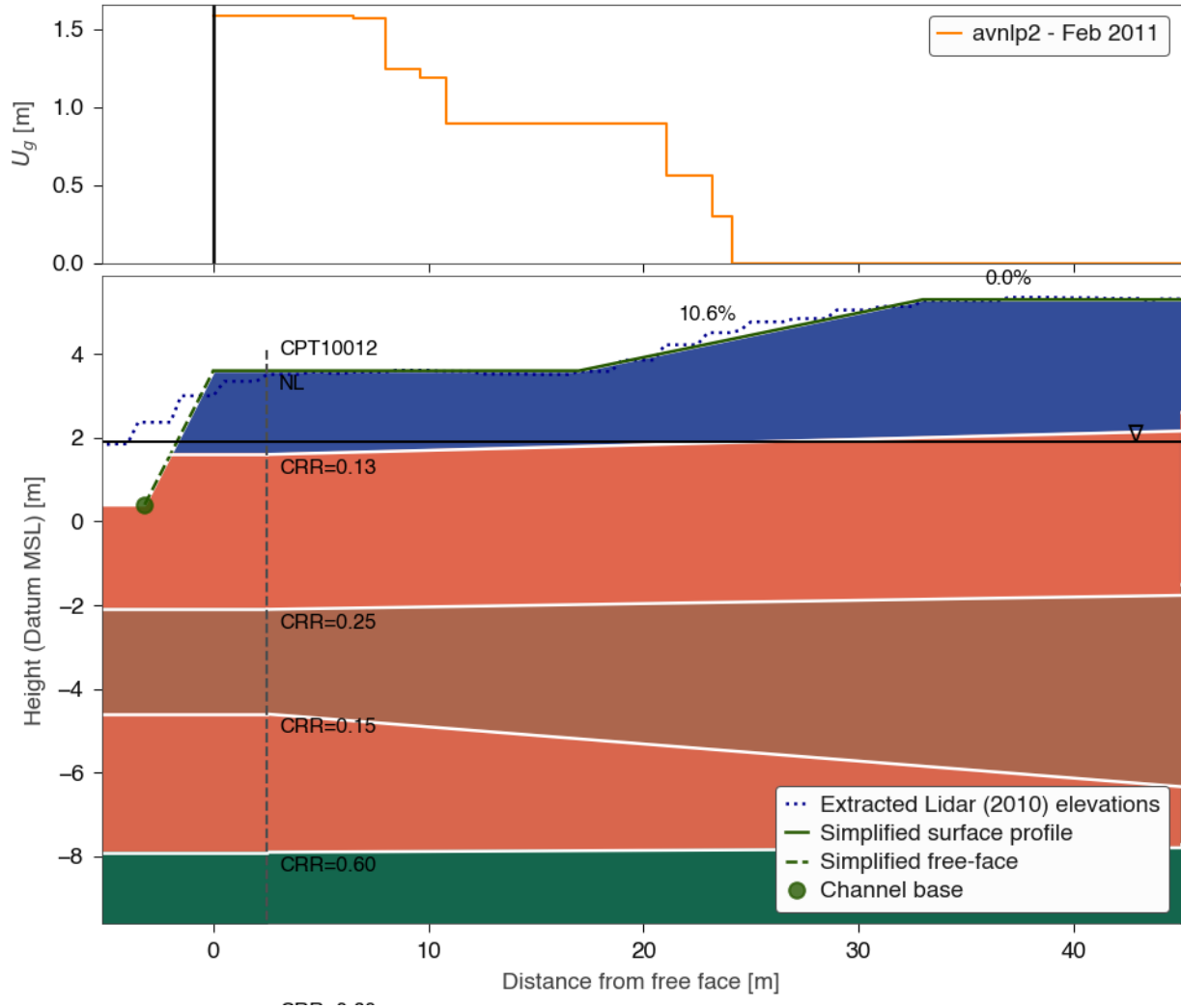


Figure 10: a) Measured ground displacement of avnlp2 b) Simplified ground profile

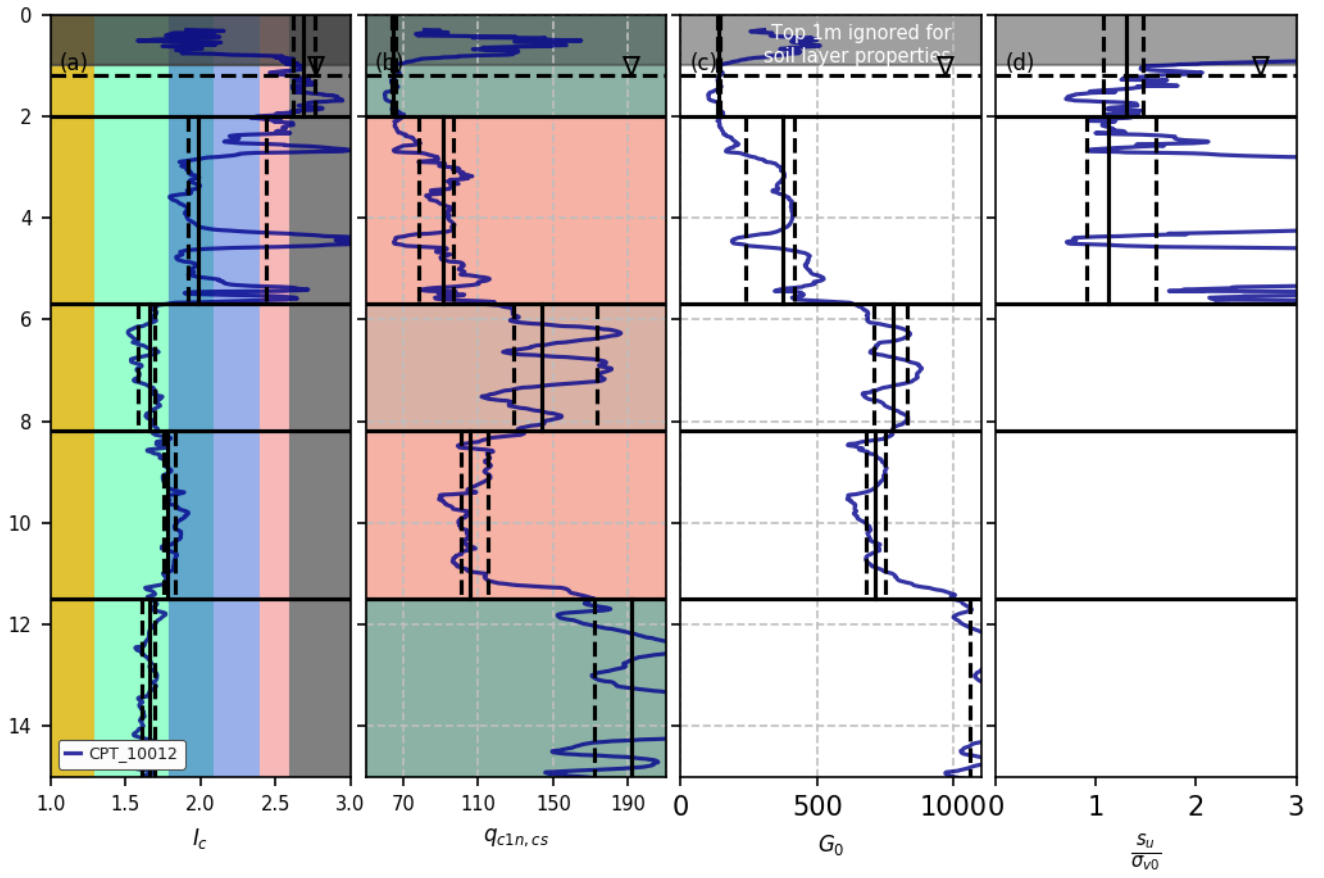


Figure 11: Simplified profile at free-face - avnlp2

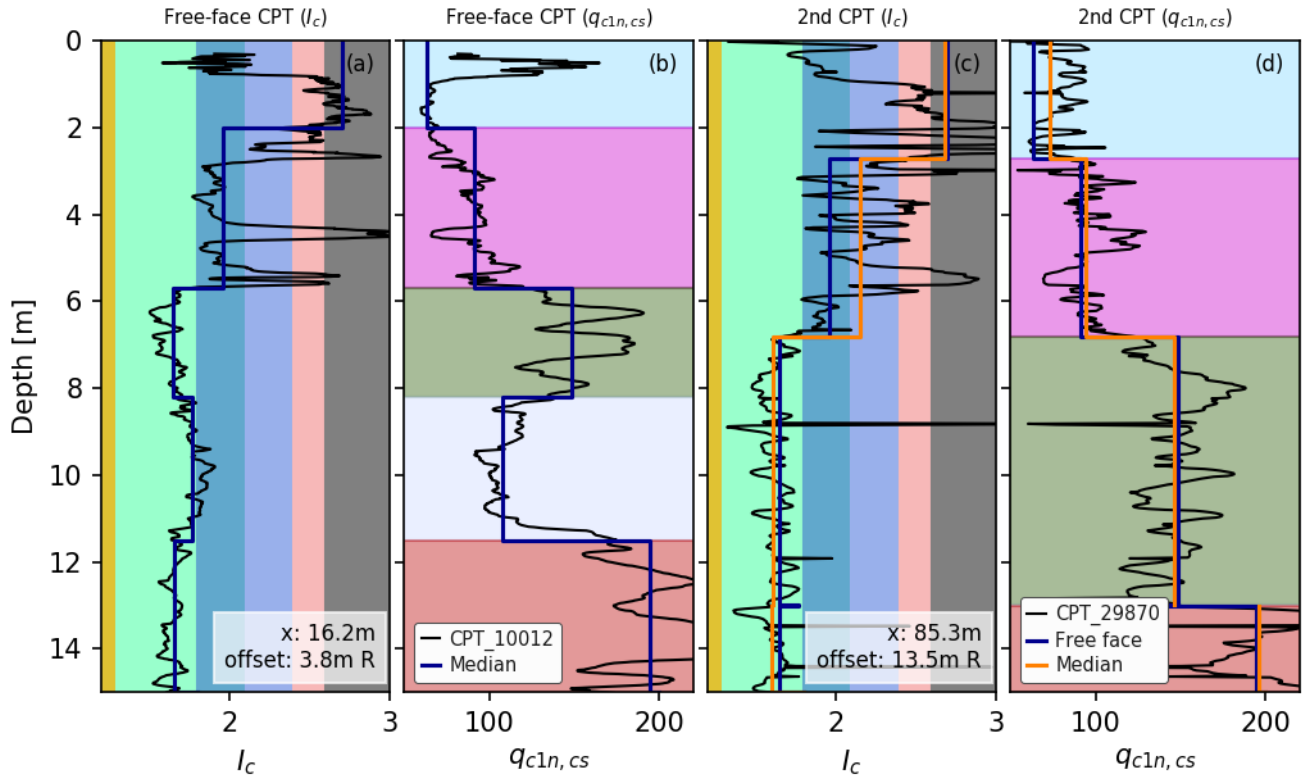


Figure 12: Simplified profile of avnlp2 with 1st CPT

Free face height: 2.2 m
Channel width: 13.0 m
No. CPTs: 4
Spreading type: Small



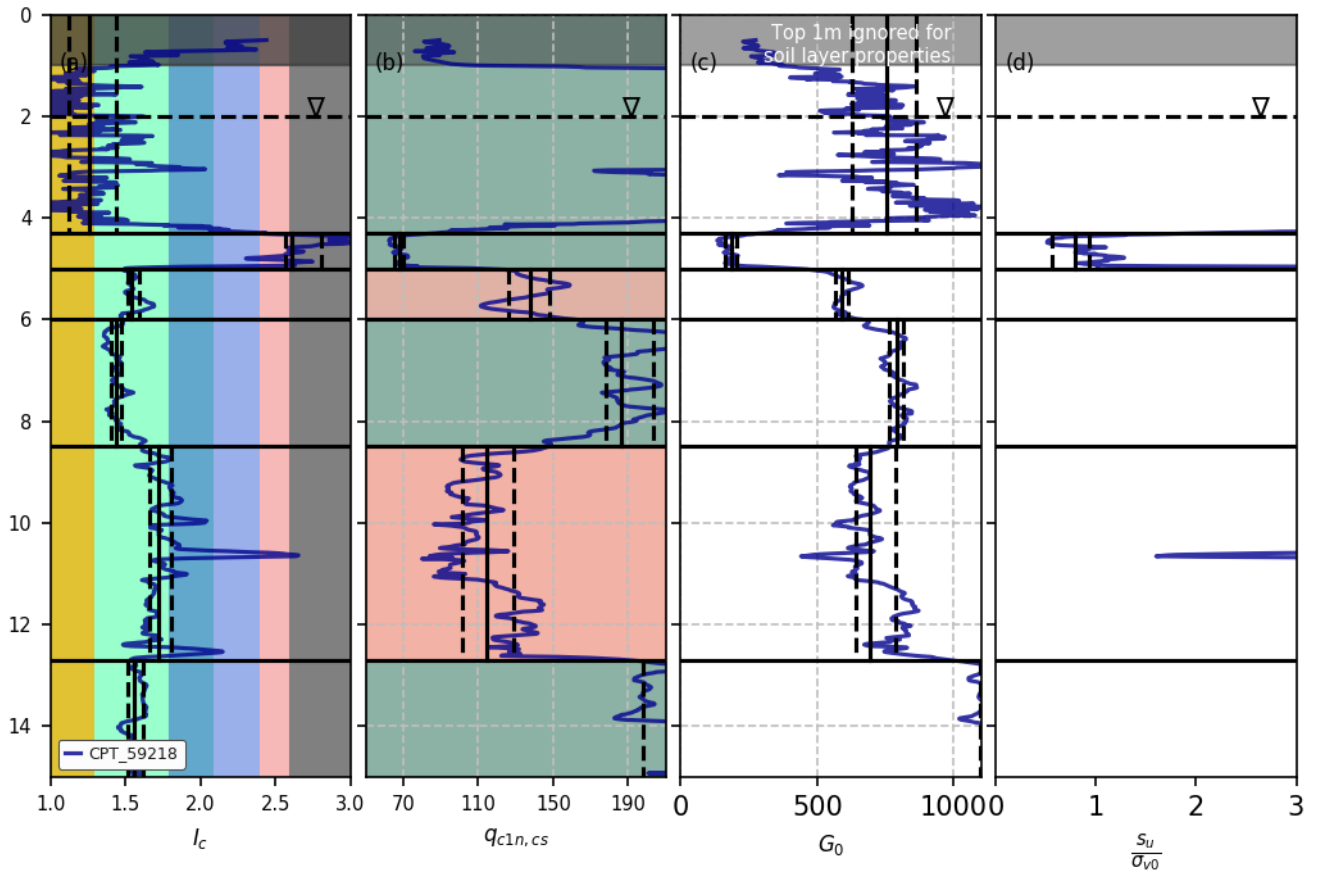


Figure 14: Simplified profile at free-face - avnlp9

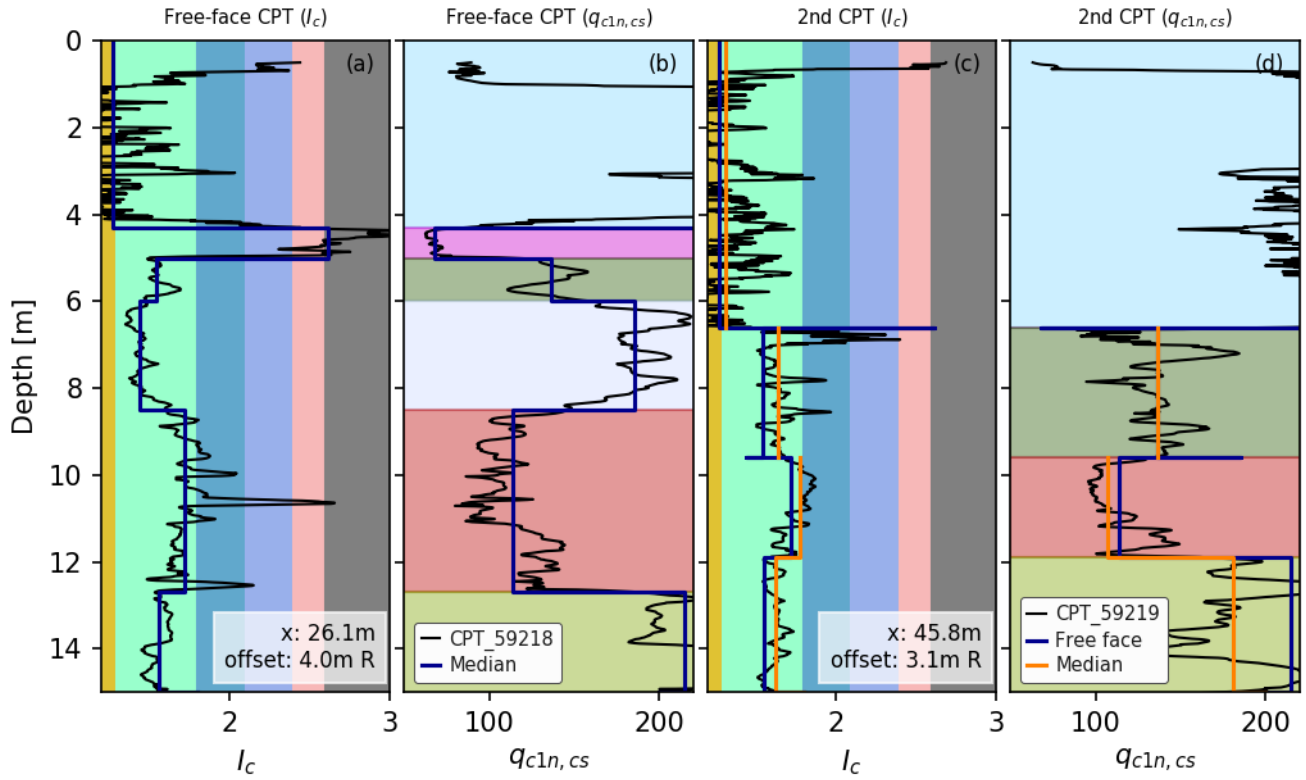


Figure 15: Simplified profile of avnlp9 with 1st CPT

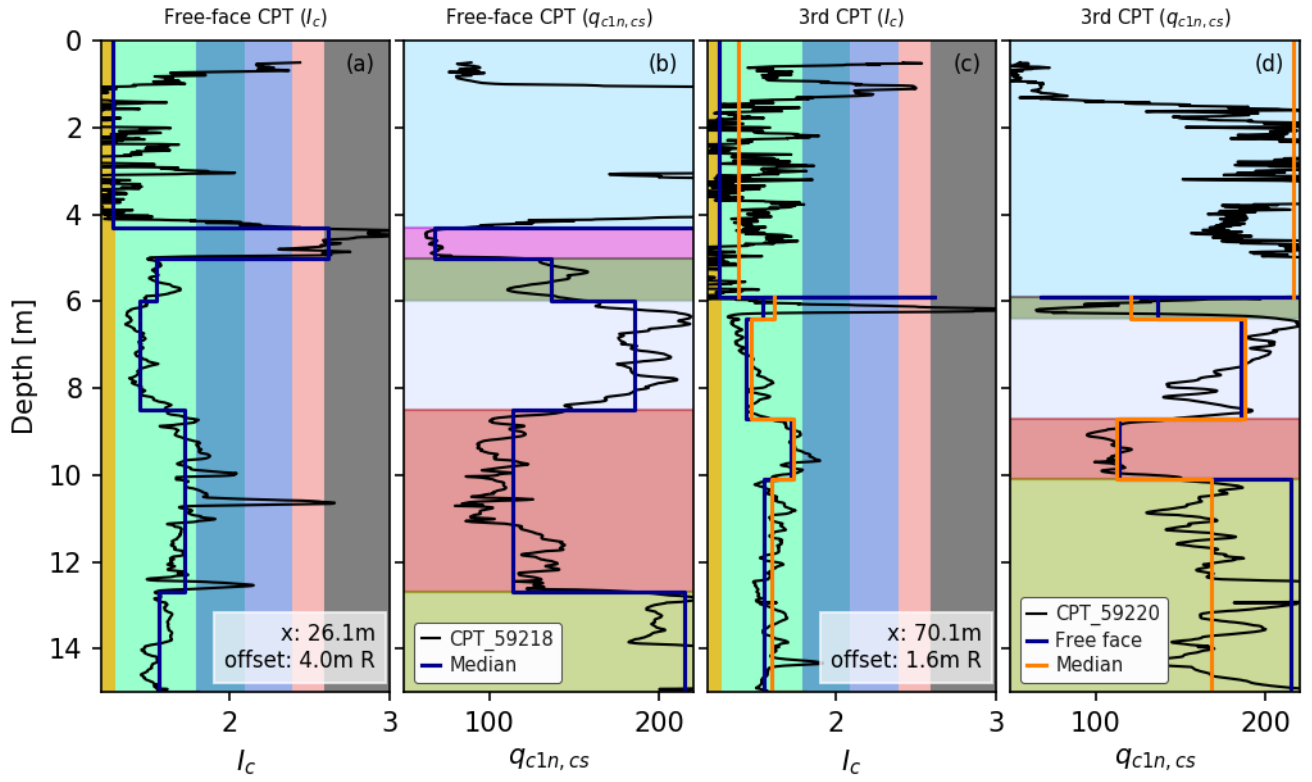


Figure 16: Simplified profile of avnlp9 with 2nd CPT

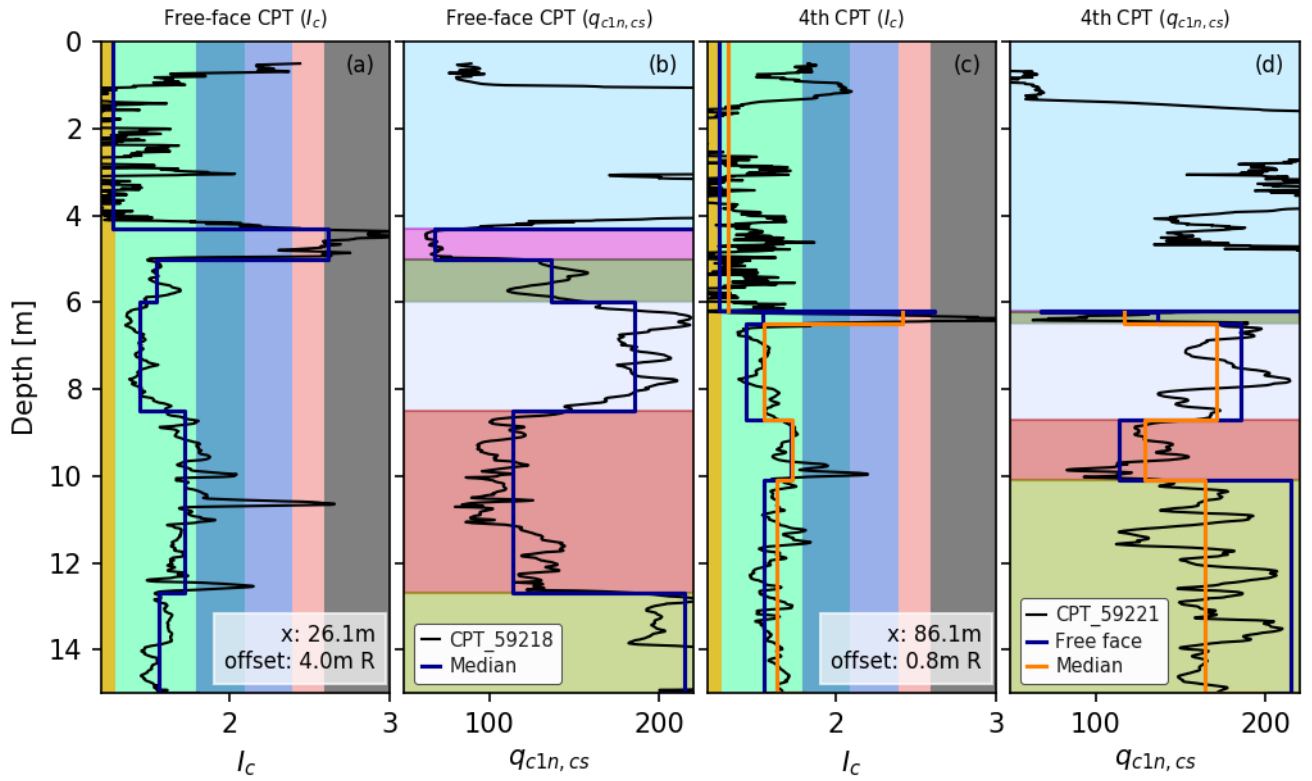


Figure 17: Simplified profile of avnlp9 with 3rd CPT

1.6 sm1

Free face height: 2.4 m

Channel width: 11.0 m

No. CPTs: 2

Spreading type: Heathcote

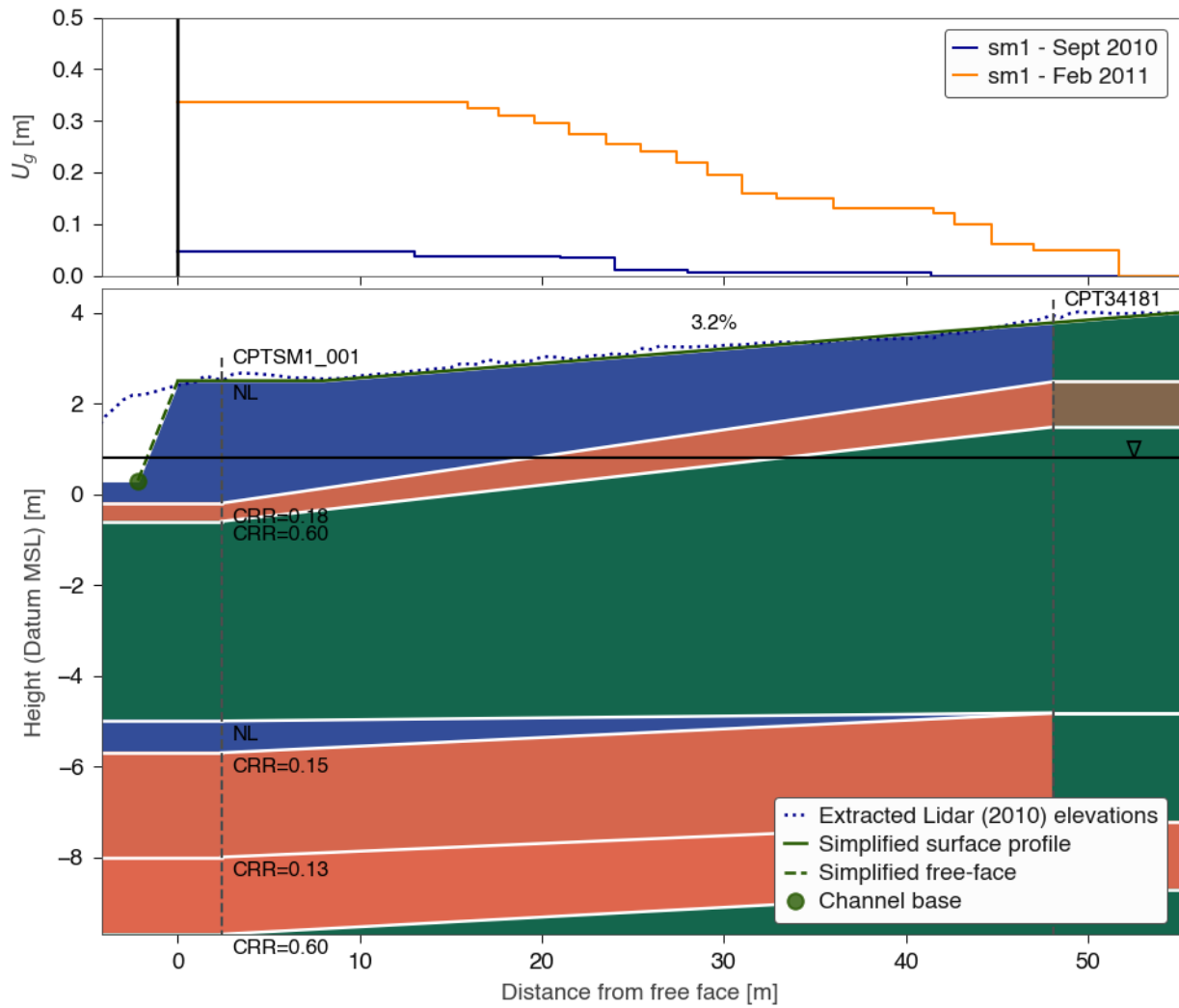


Figure 18: a) Measured ground displacement of sm1 b) Simplified ground profile

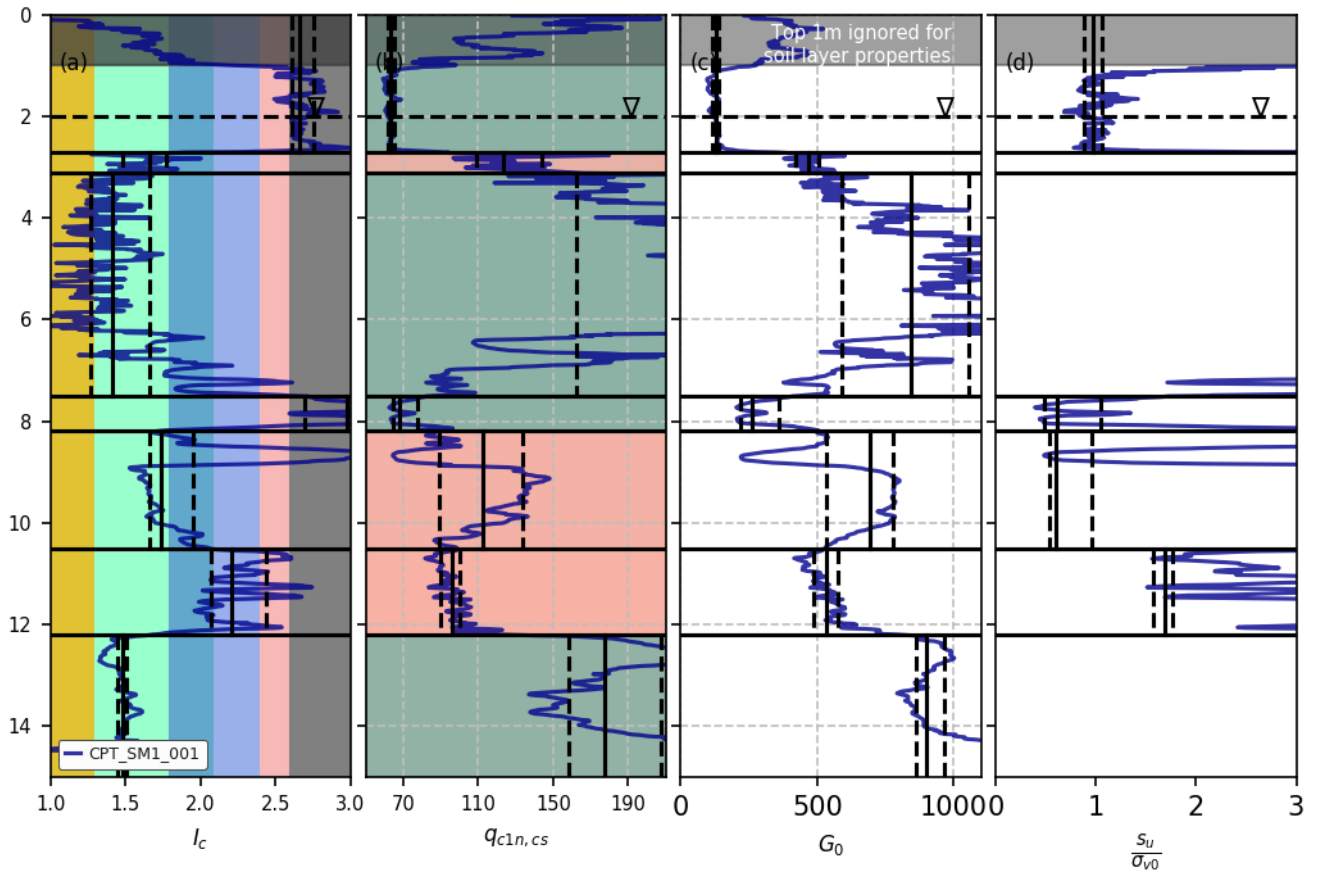


Figure 19: Simplified profile at free-face - sm1

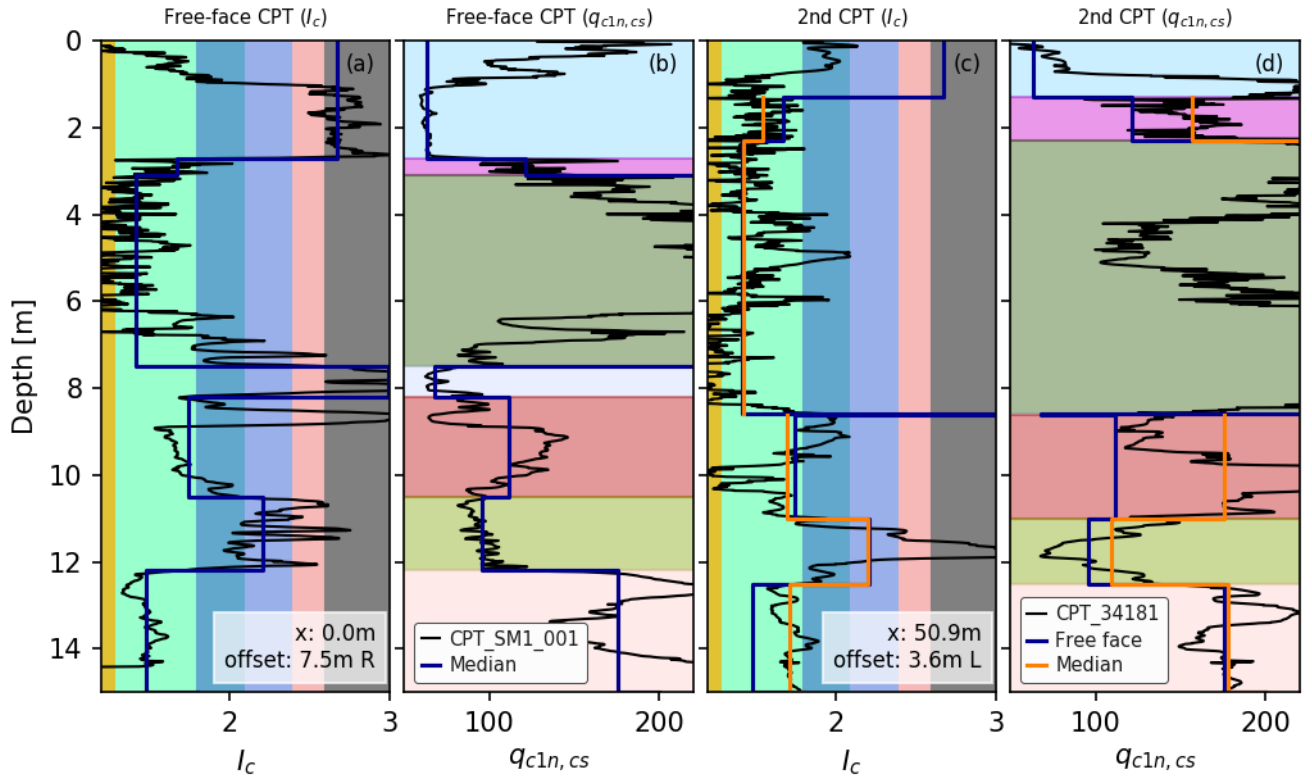


Figure 20: Simplified profile of sm1 with 1st CPT

1.7 sm2

Free face height: 2.5 m

Channel width: 11.0 m

No. CPTs: 3

Spreading type: Heathcote

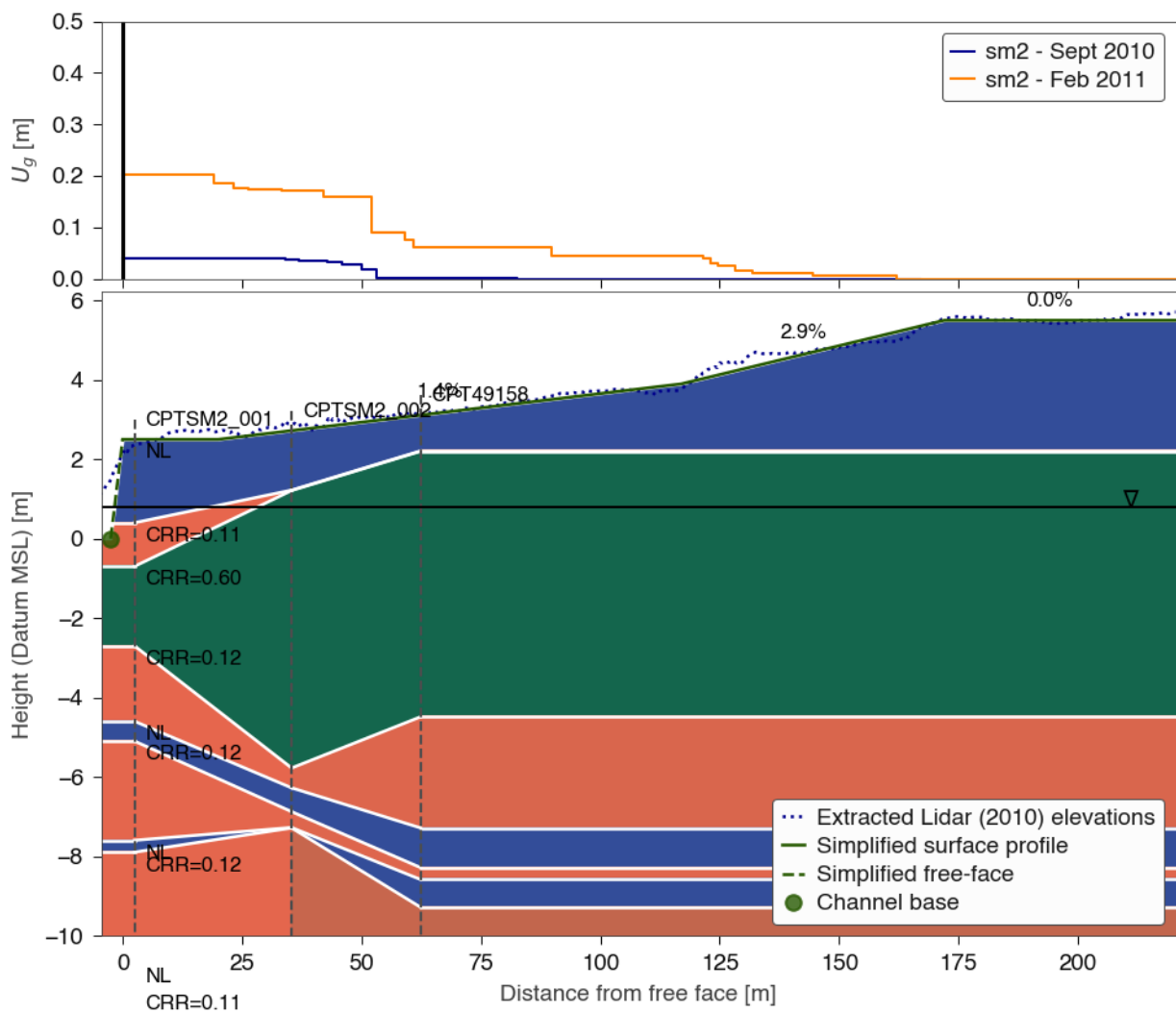


Figure 21: a) Measured ground displacement of sm2 b) Simplified ground profile

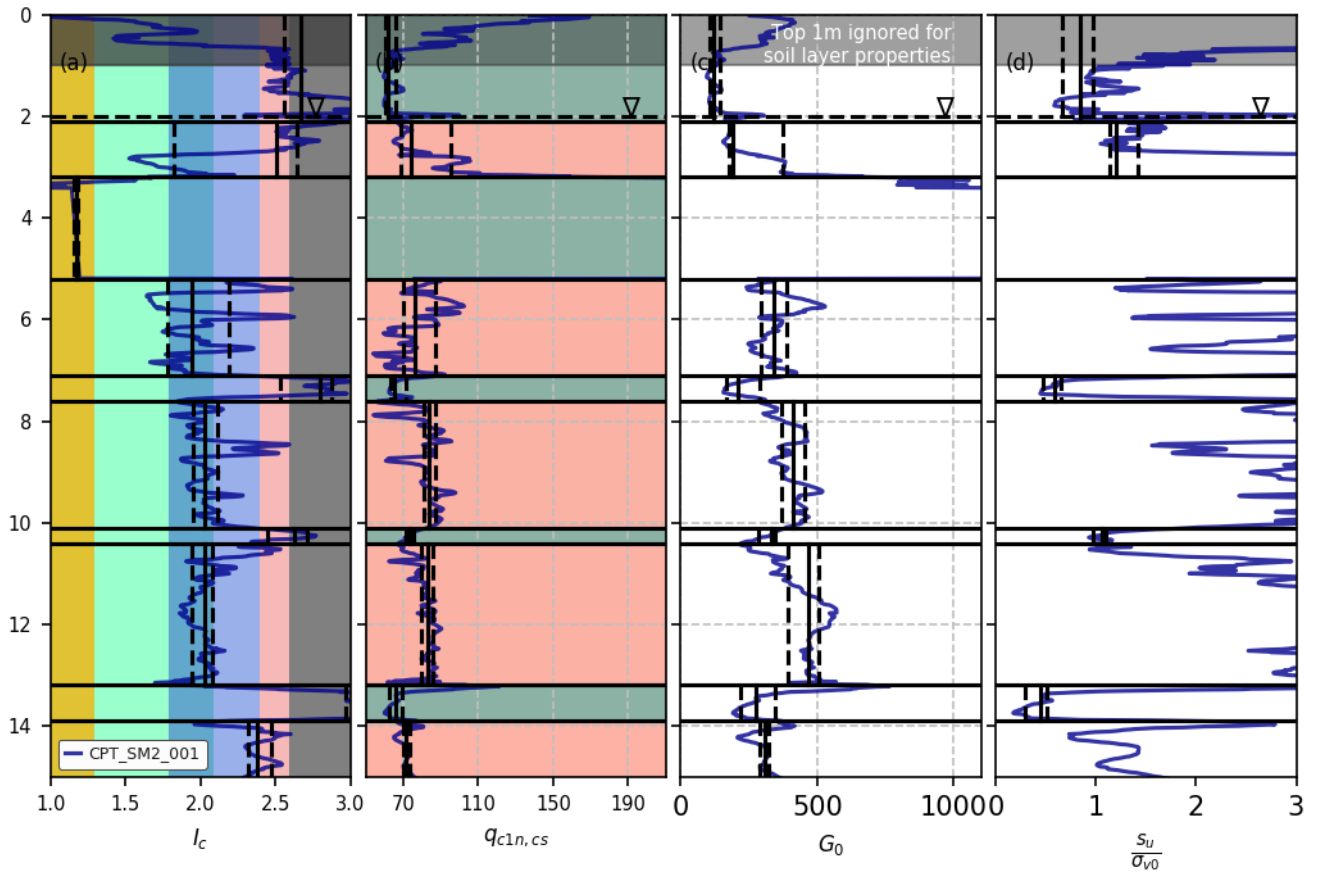


Figure 22: Simplified profile at free-face - sm2

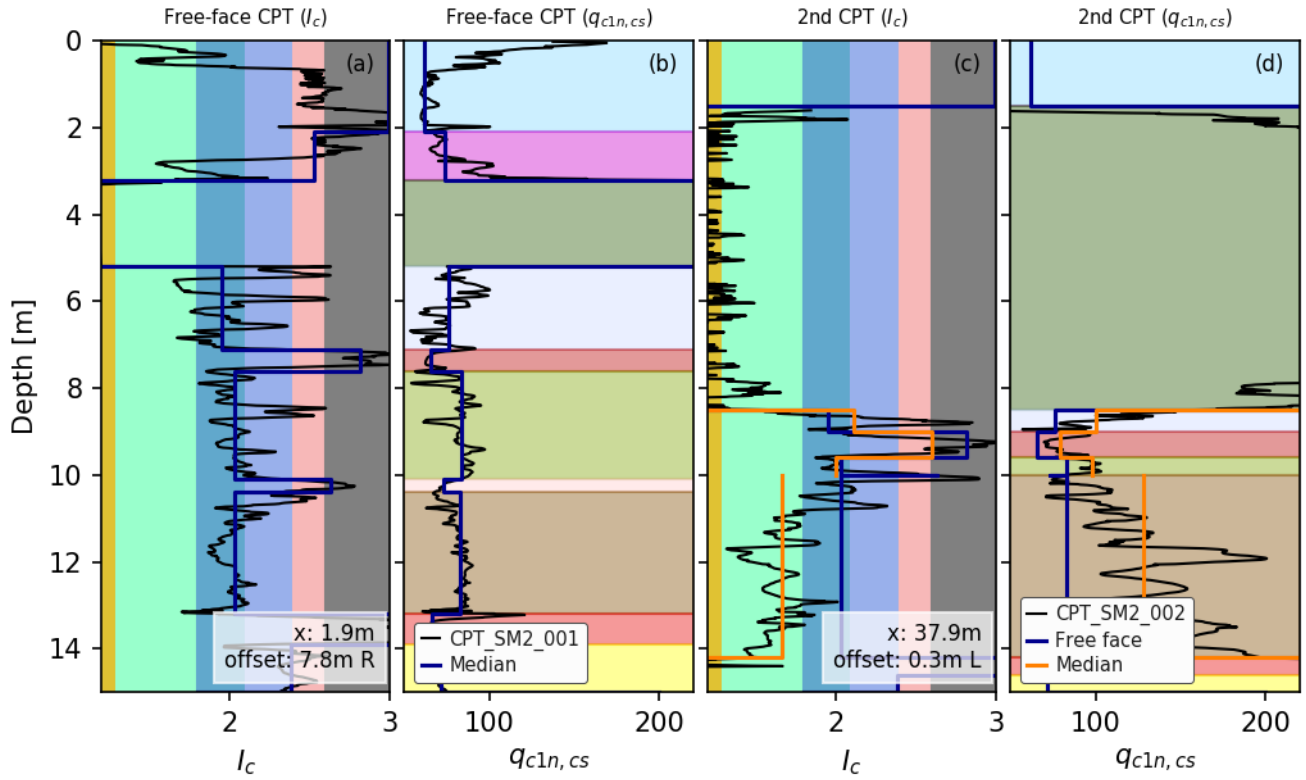


Figure 23: Simplified profile of sm2 with 1st CPT

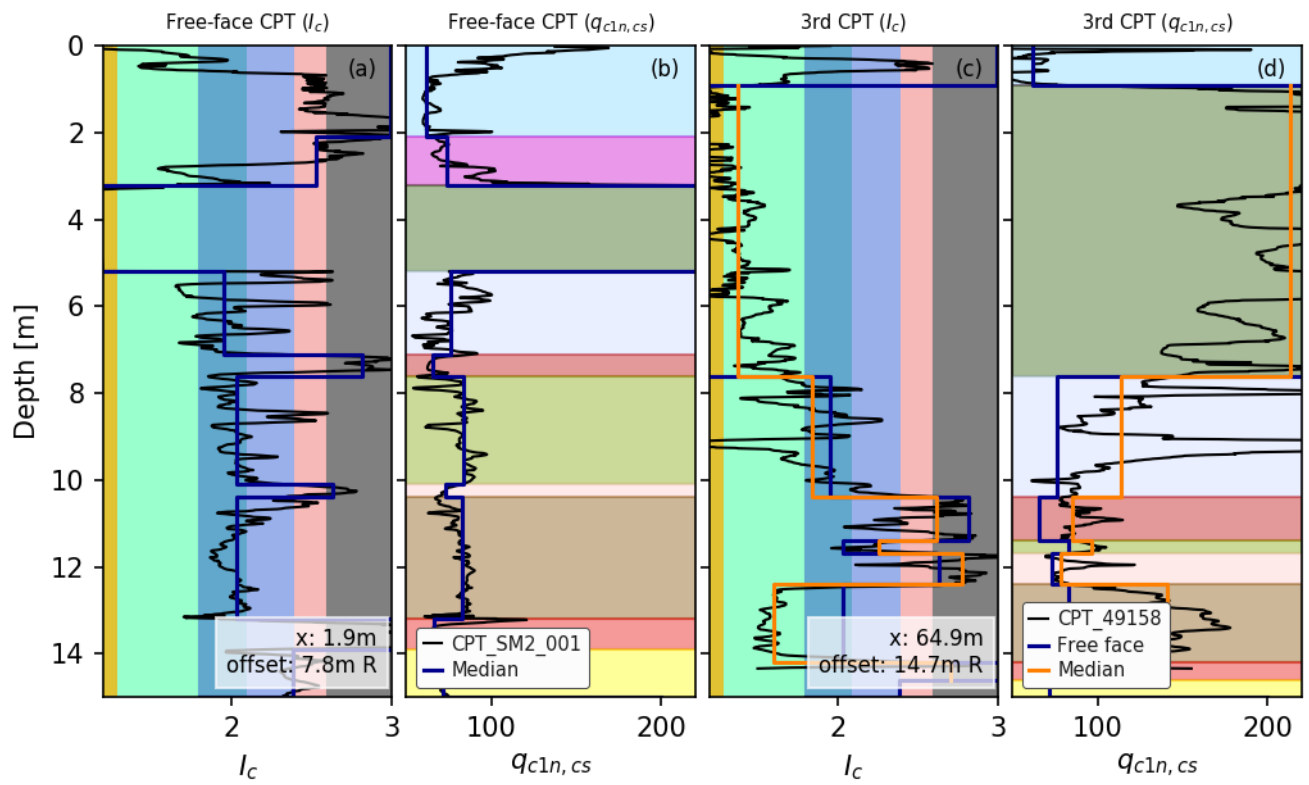


Figure 24: Simplified profile of sm2 with 2nd CPT