

Appendix B CPT for geotechnical units

B.1 CPT data presented by geotechnical units

This appendix presents the CPT data available from each of the geotechnical units. The data is differentiated in two ways, hence two plots per geotechnical unit is presented. The first figure indicate what data is from the investigation campaign for the Island area and what is from the investigation campaign for the Site area. Hence, this first figure aims at evaluating if similar behaviour is observed from the two site investigation campaigns. This is generally seen to be the case. However, it is observed that the depth range at which the geotechnical units is encountered vary between the Island area and the Site area. The second figure indicate which integrated model unit the data is represented by. Hence, this second figure addresses whether the integrated model units show similar behaviour and hence if the integrated model units fit well into the geotechnical unit.

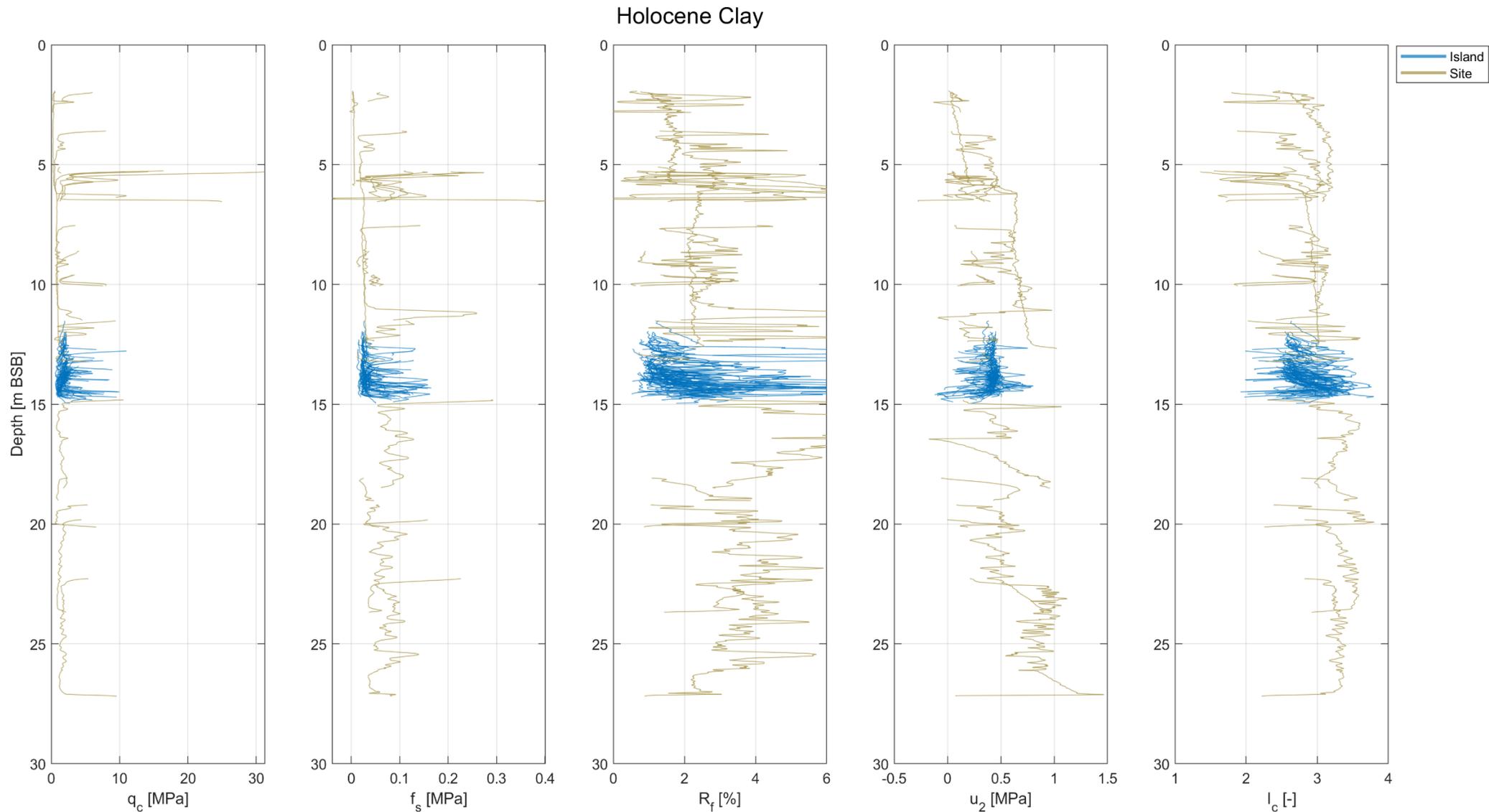


Figure B-1 Grouping of Holocene clay. Island area vs site area.

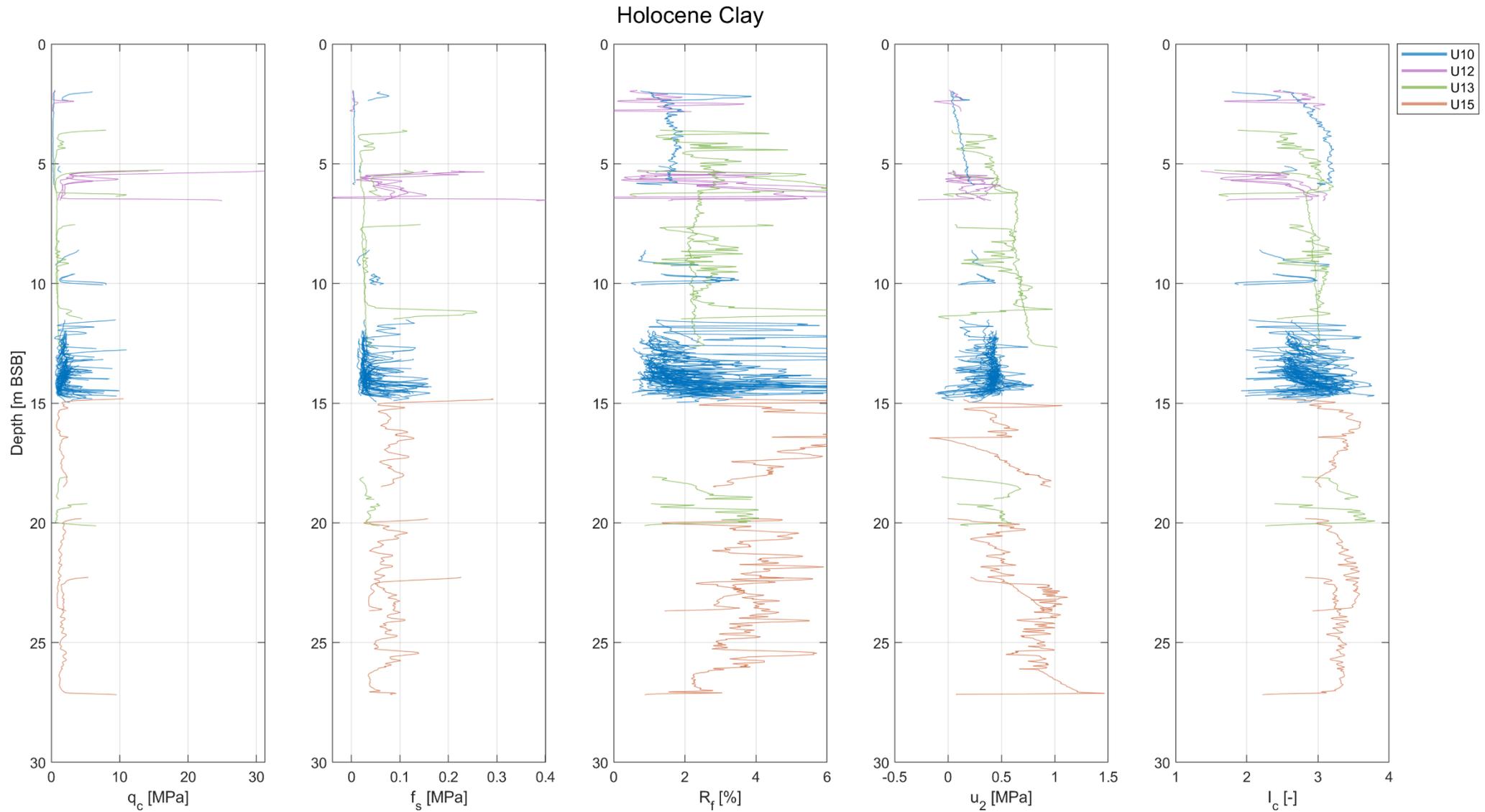


Figure B-2 Grouping of Holocene clay. Info for each integrated model unit.

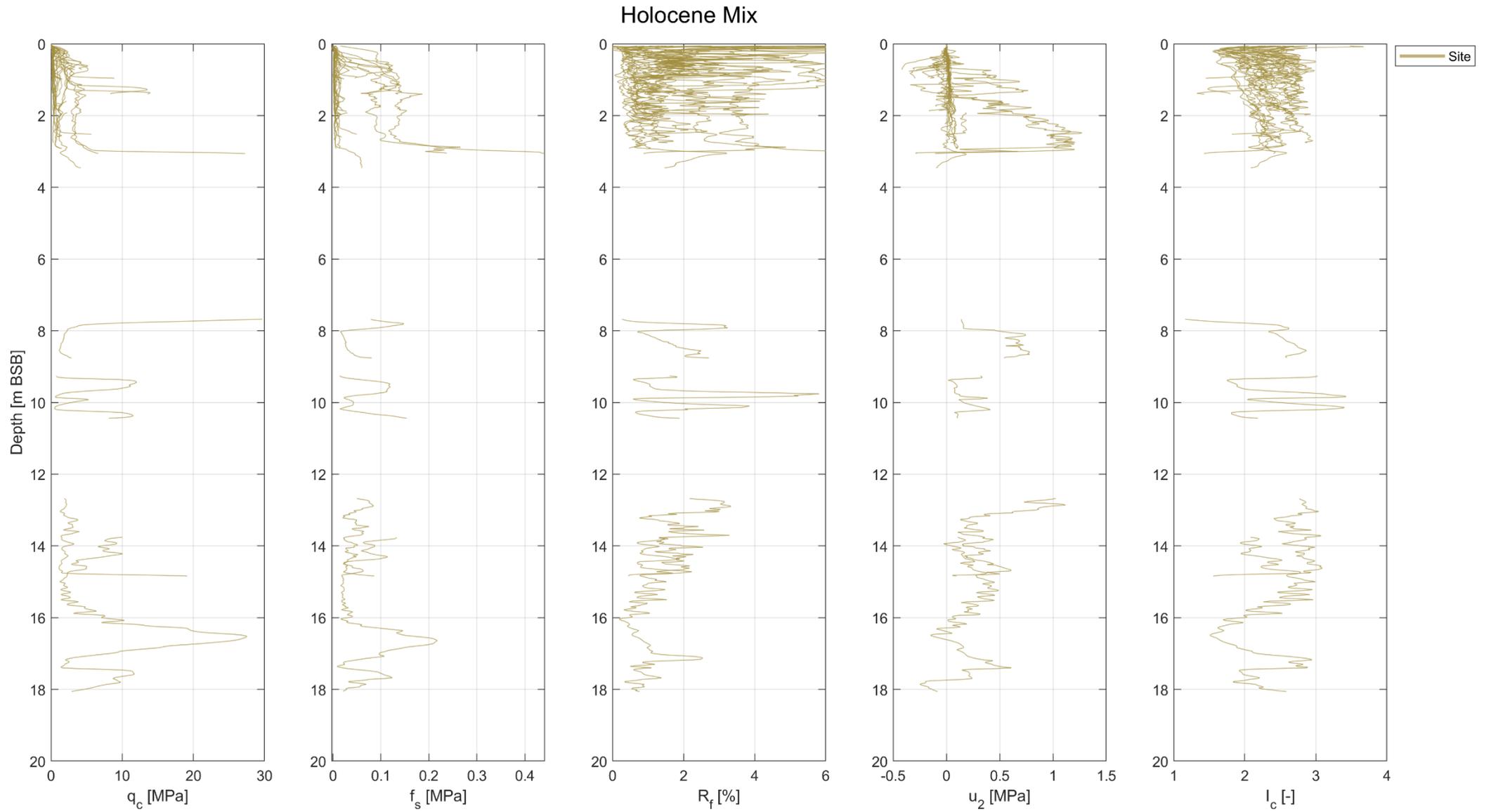


Figure B-3 Grouping of Holocene mix. Island area vs site area.

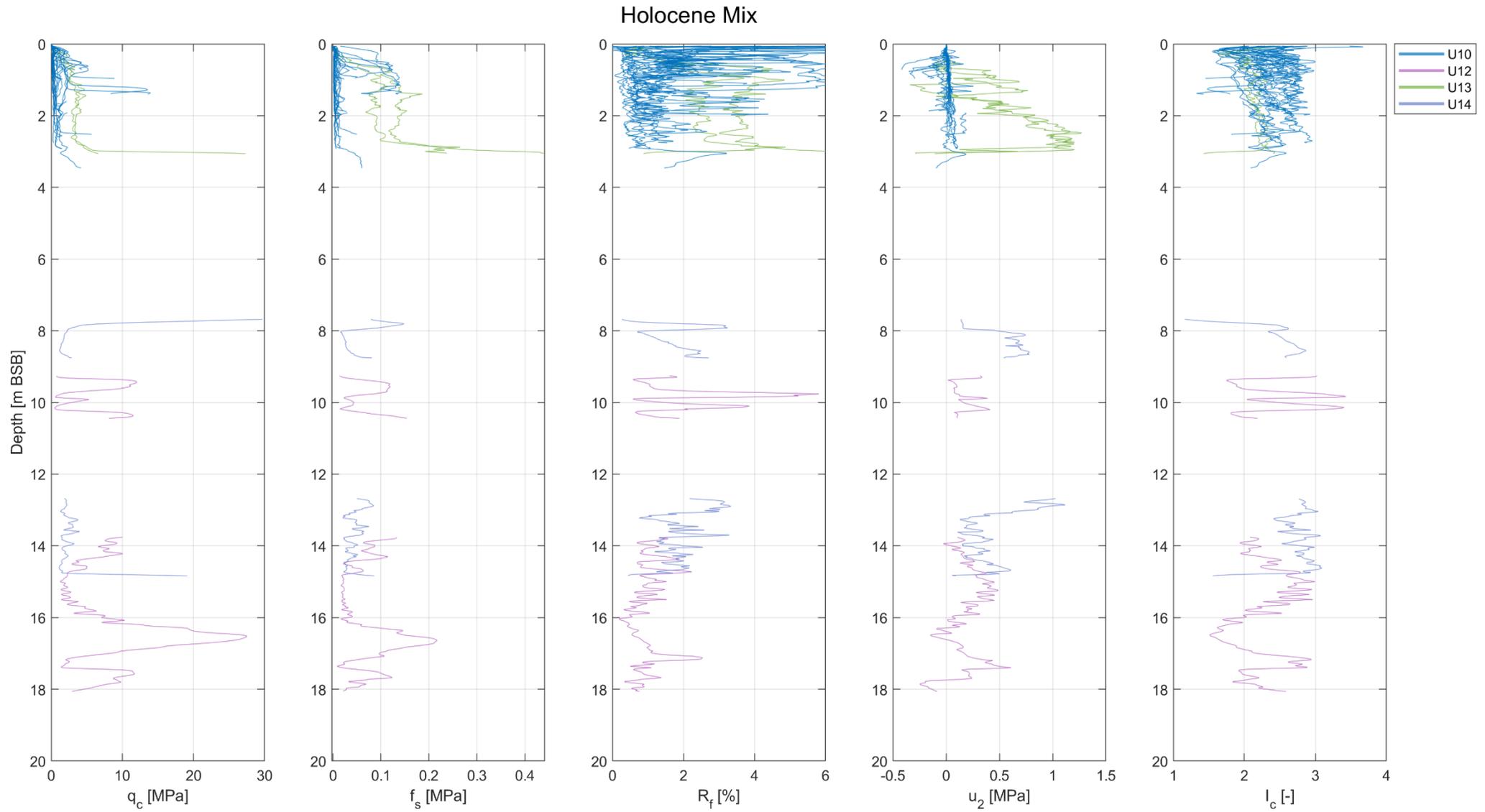


Figure B-4 Grouping of Holocene mix. Info for each integrated model unit.

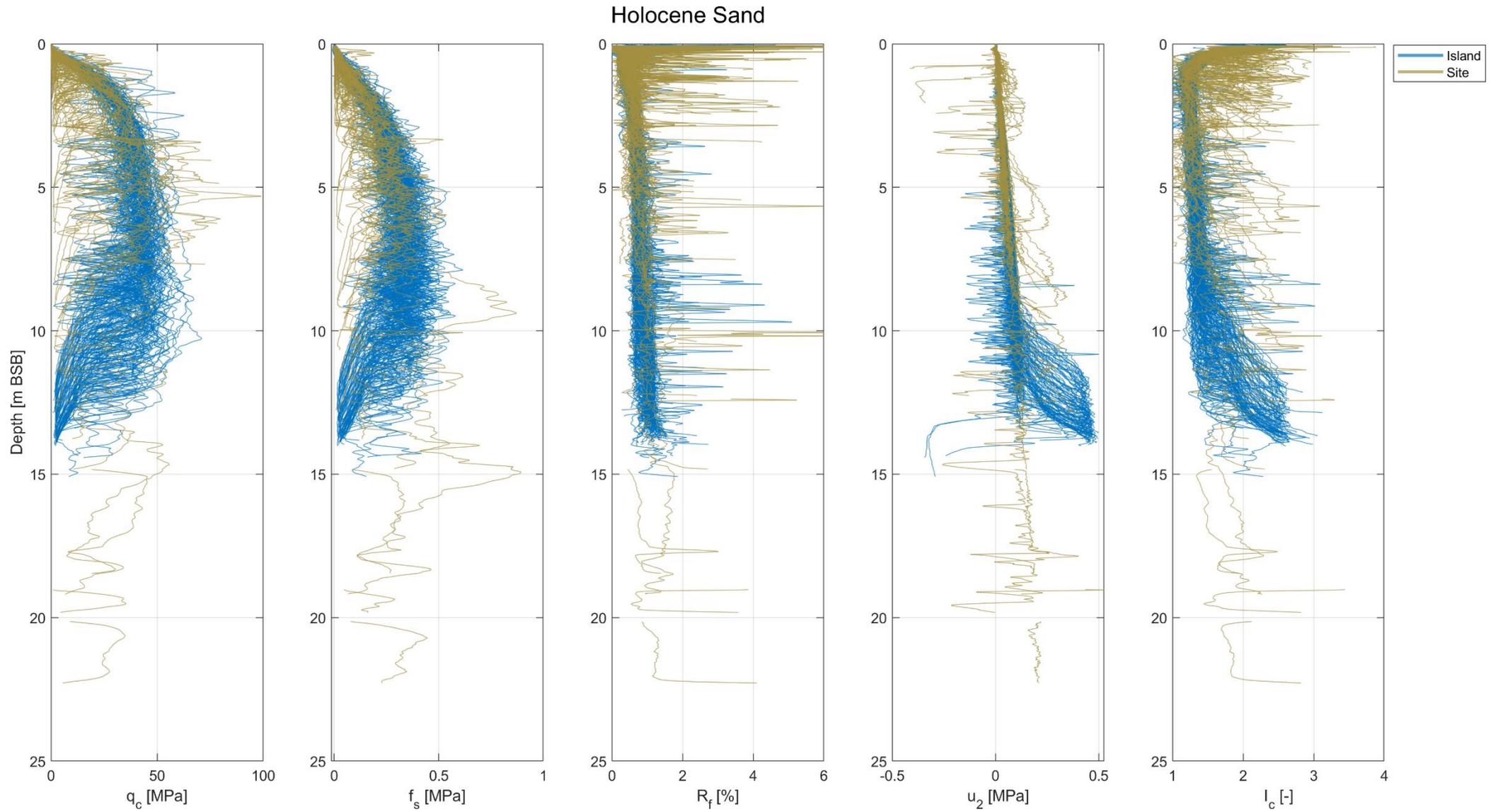


Figure B-5 Grouping of Holocene sand. Island area vs site area.

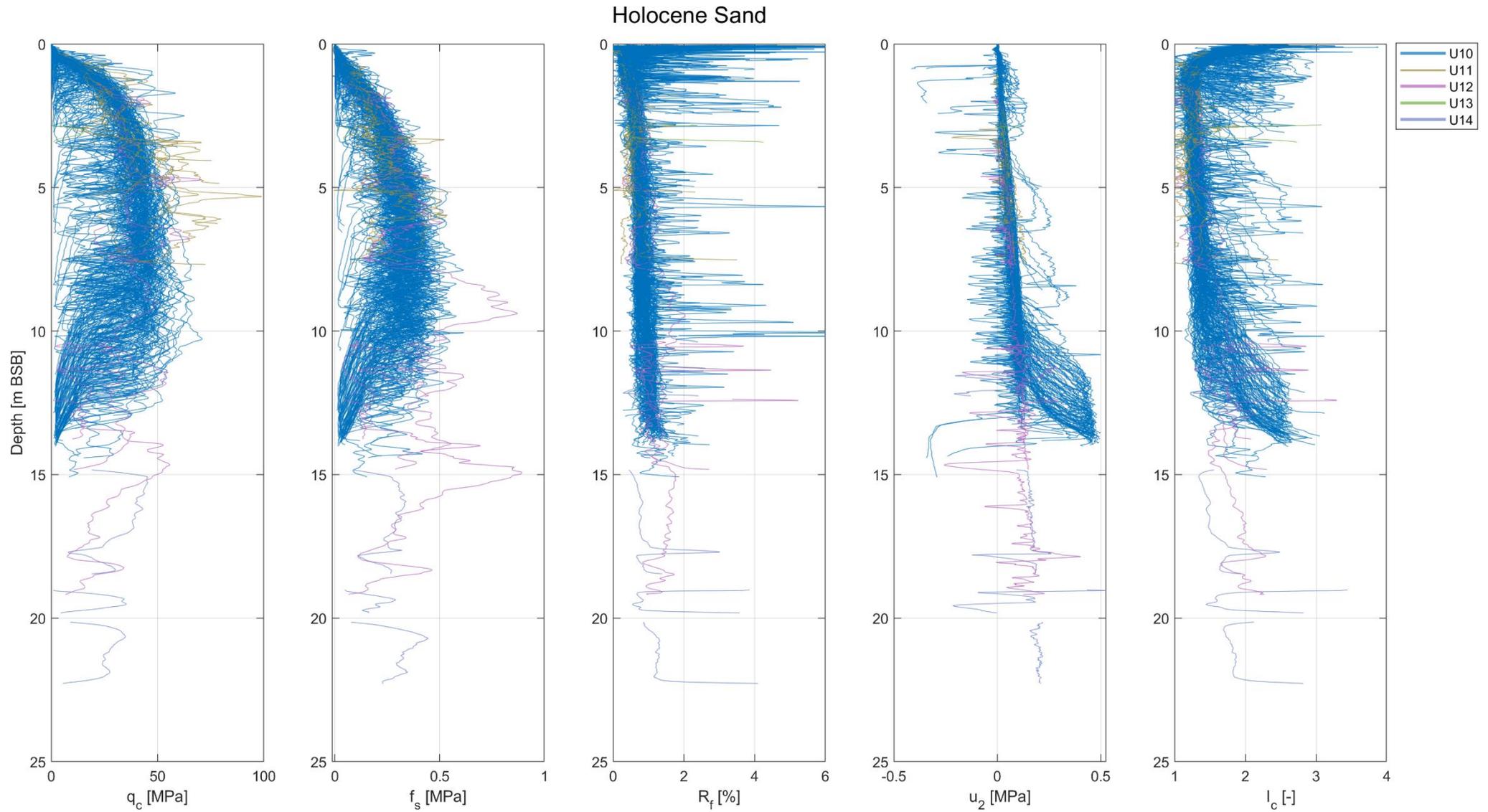


Figure B-6 Grouping of Holocene sand. Info for each integrated model unit.

Late Weichselian Clay

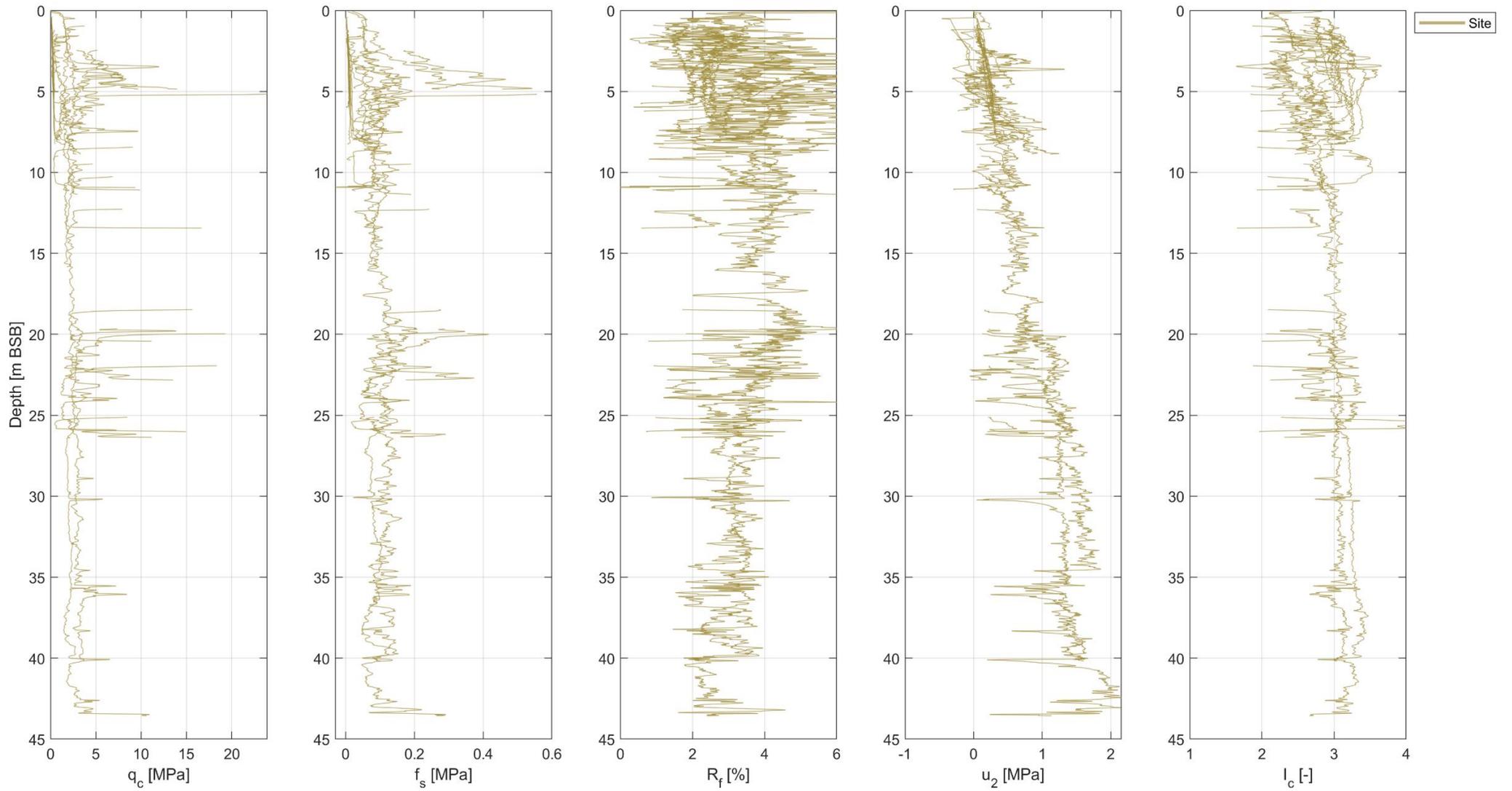


Figure B-7 Grouping of Late Weichselian clay. Island area vs site area.

Late Weichselian Clay

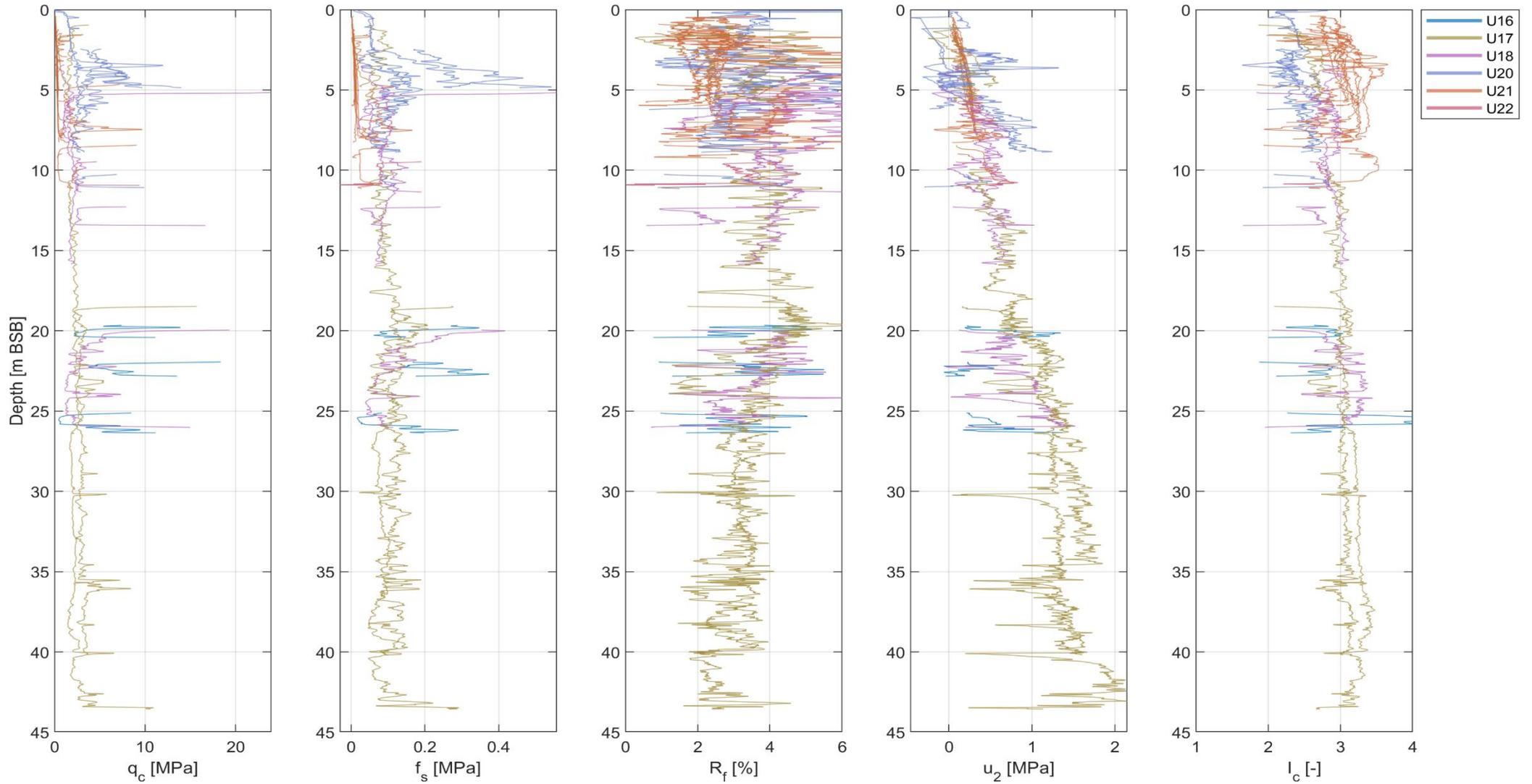


Figure B-8 Grouping of Late Weichselian clay. Info for each integrated model unit.

Late Weichselian Mix

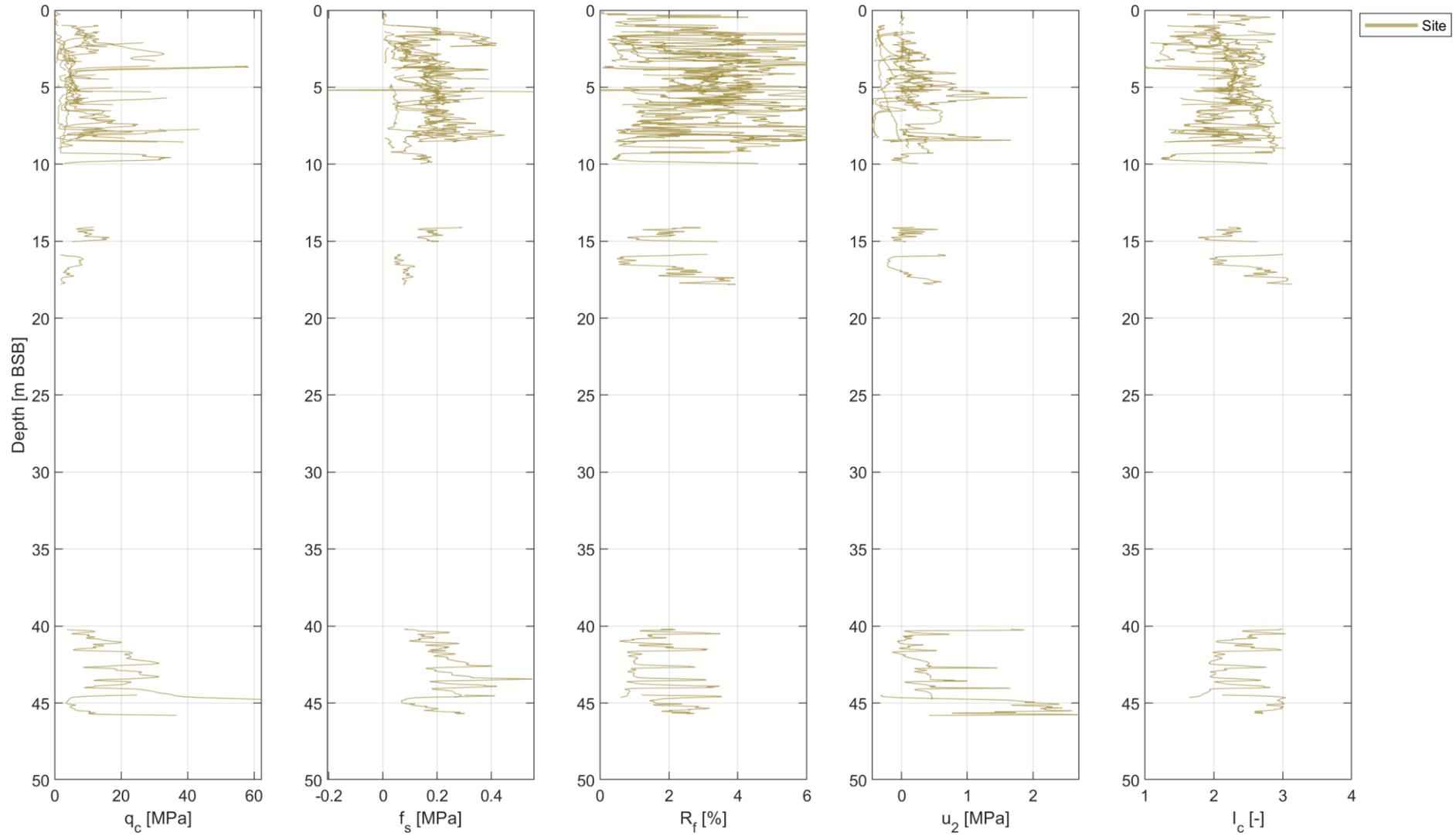


Figure B-9 Grouping of Late Weichselian mix. Island area vs site area.

Late Weichselian Mix

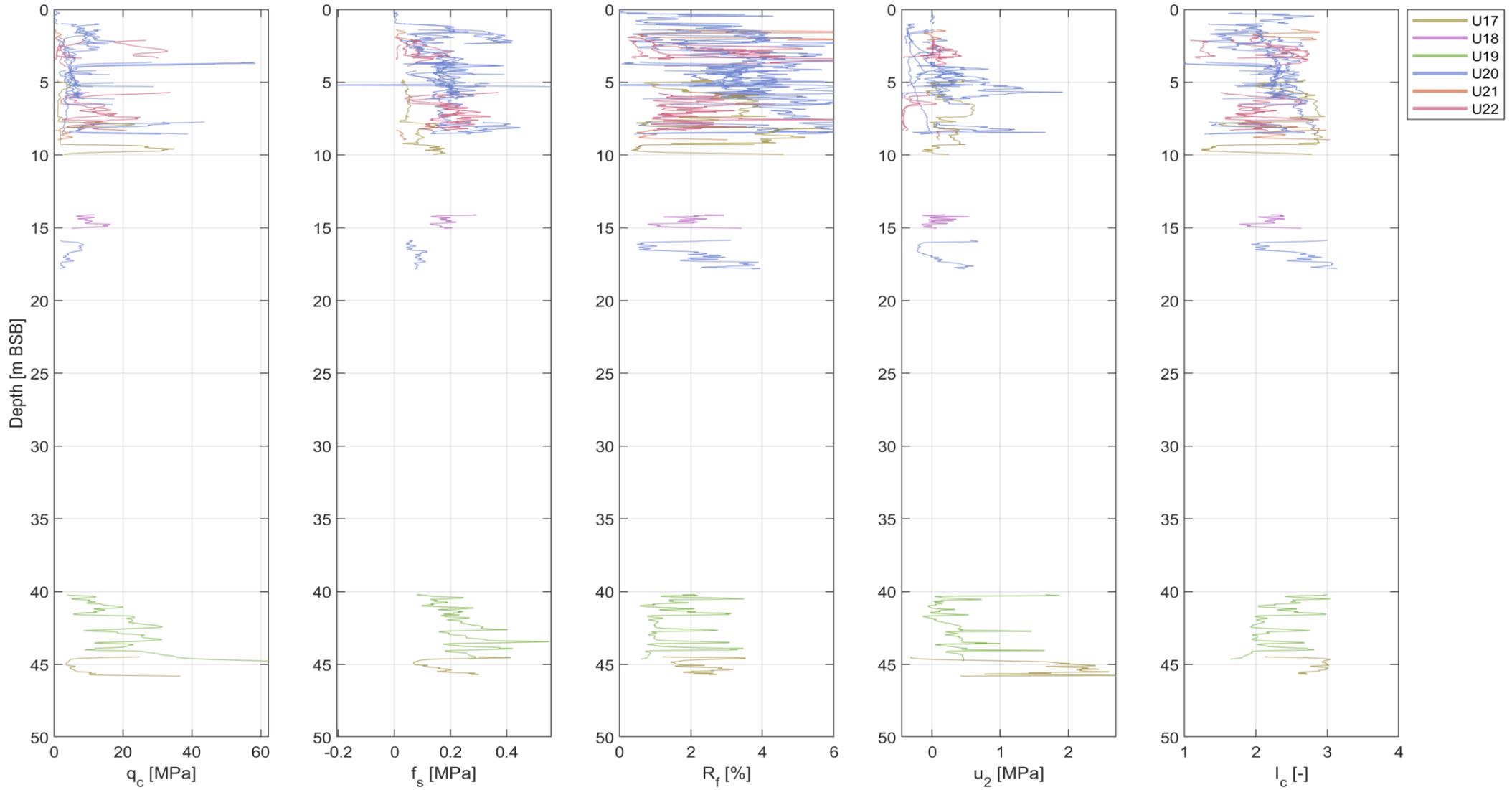


Figure B-10 Grouping of Late Weichselian mix. Info for each integrated model unit.

Late Weichselian Sand

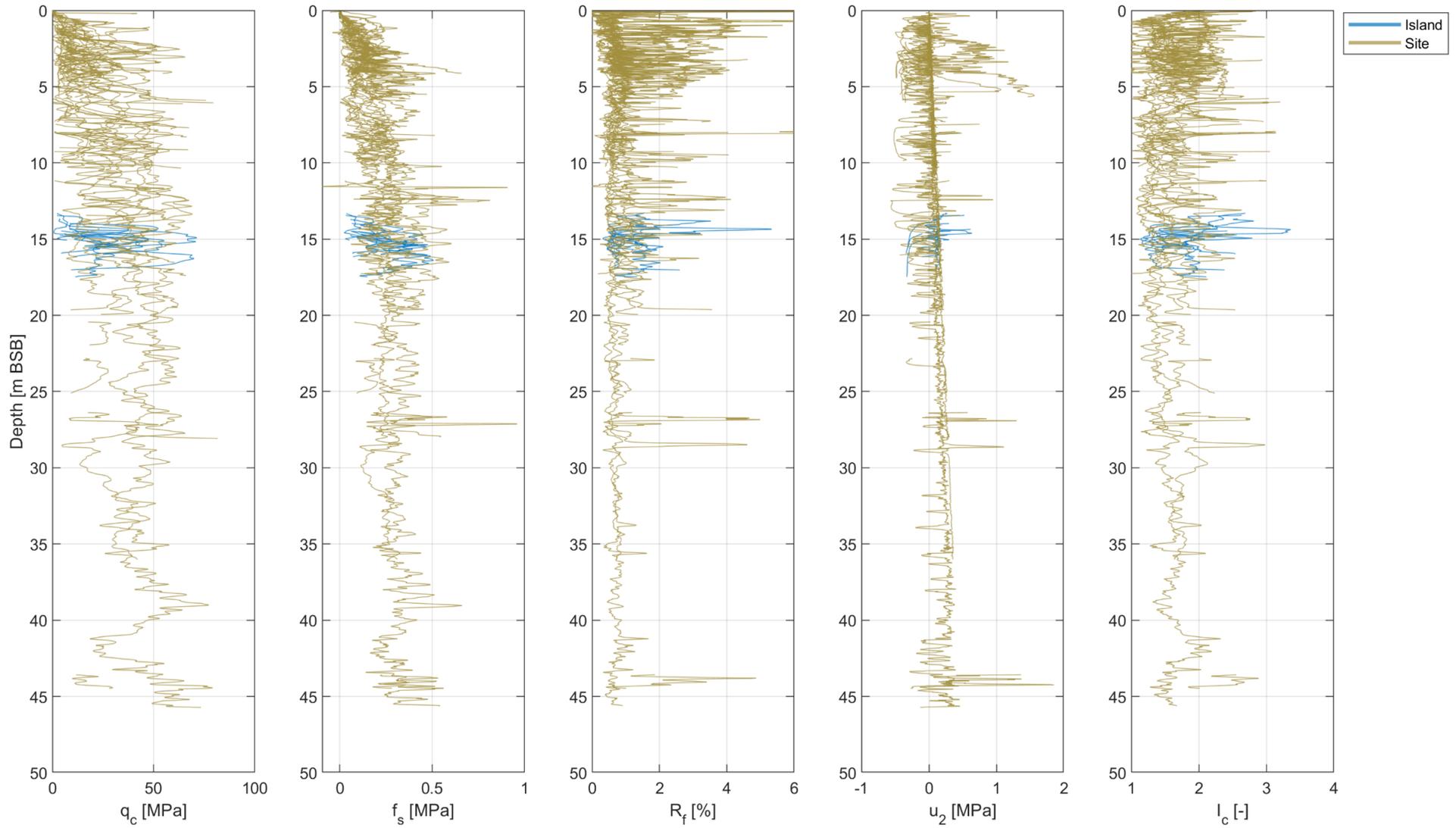


Figure B-11 Grouping of Late Weichselian sand. Island area vs site area.

Weichselian Sand

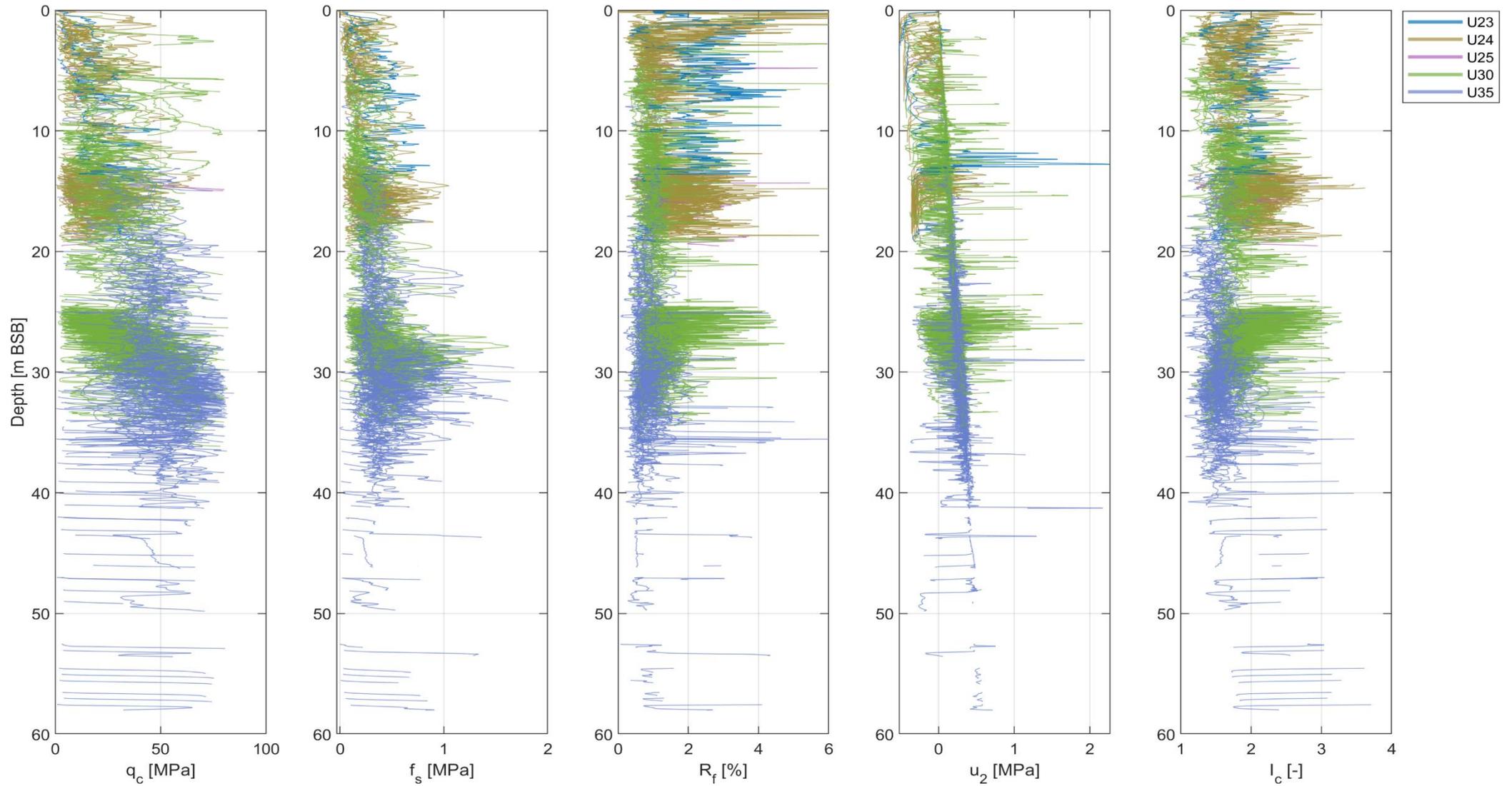


Figure B-12 Grouping of Late Weichselian sand. Info for each integrated model unit.

Weichselian Clay

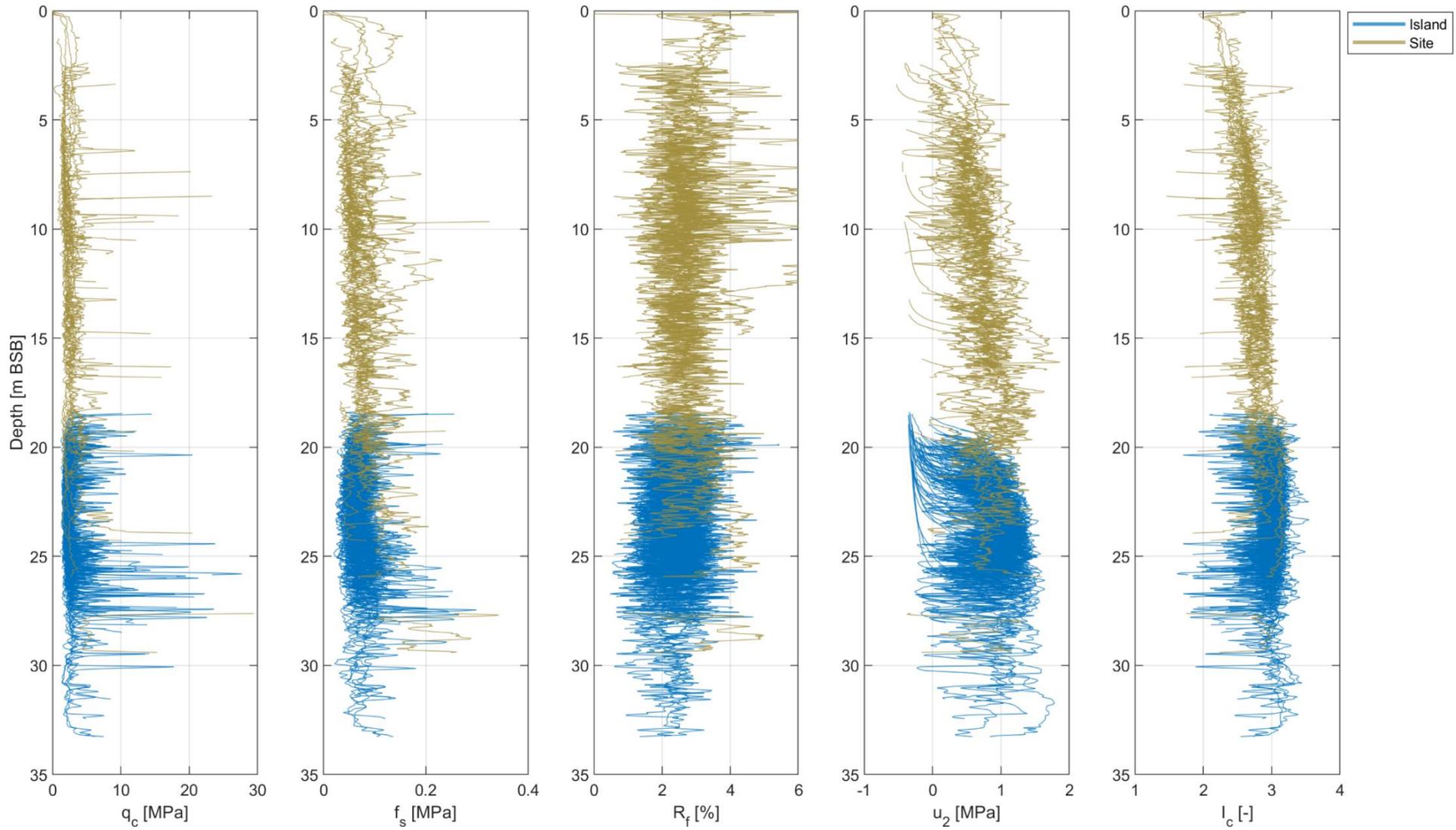


Figure B-13 Grouping of Weichselian clay. Island area vs site area.

Weichselian Clay

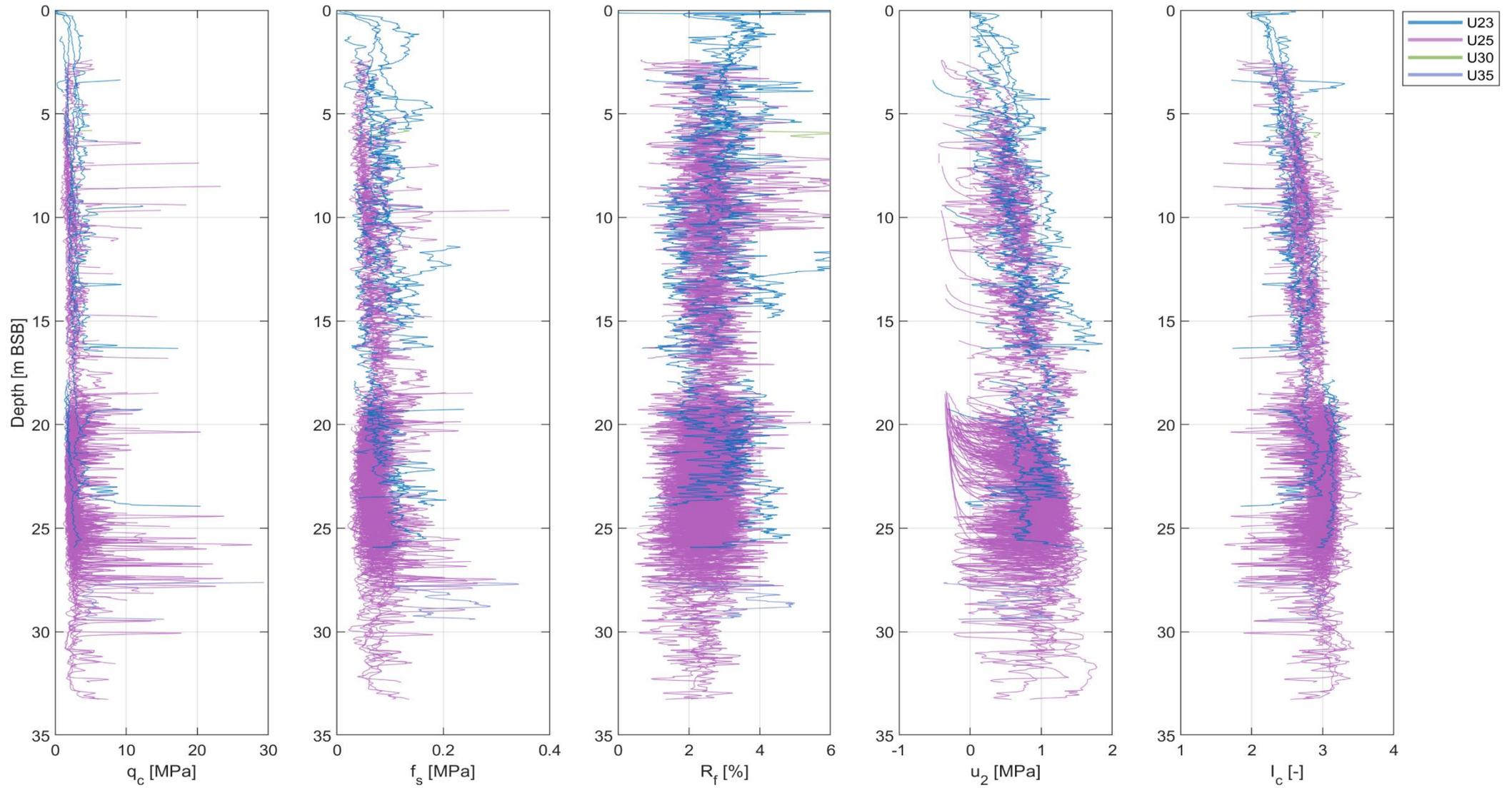


Figure B-14 Grouping of Weichselian clay. Info for each integrated model unit.

Weichselian Mix

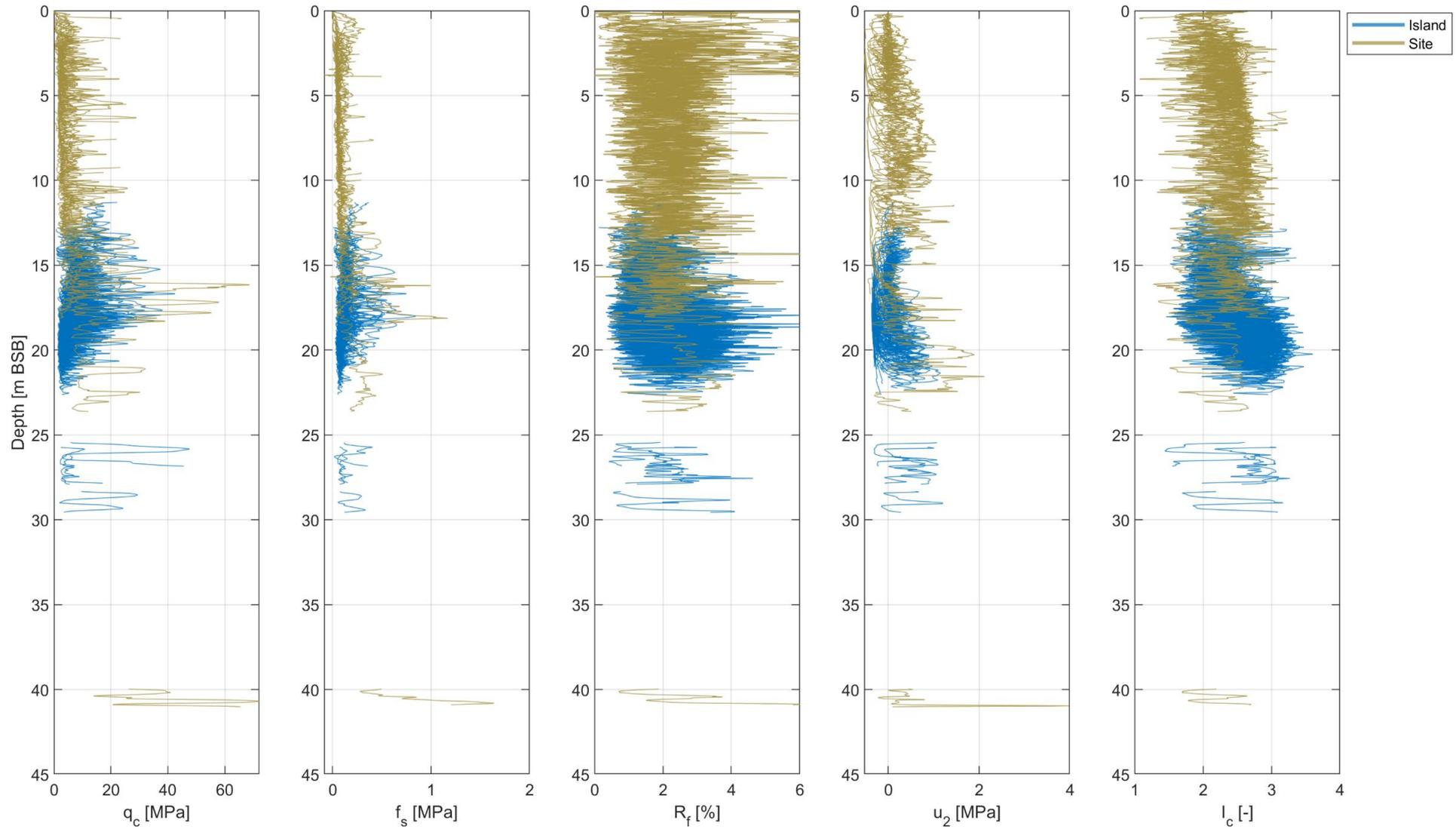


Figure B-15 Grouping of Weichselian mix. Island area vs site area.

Weichselian Mix

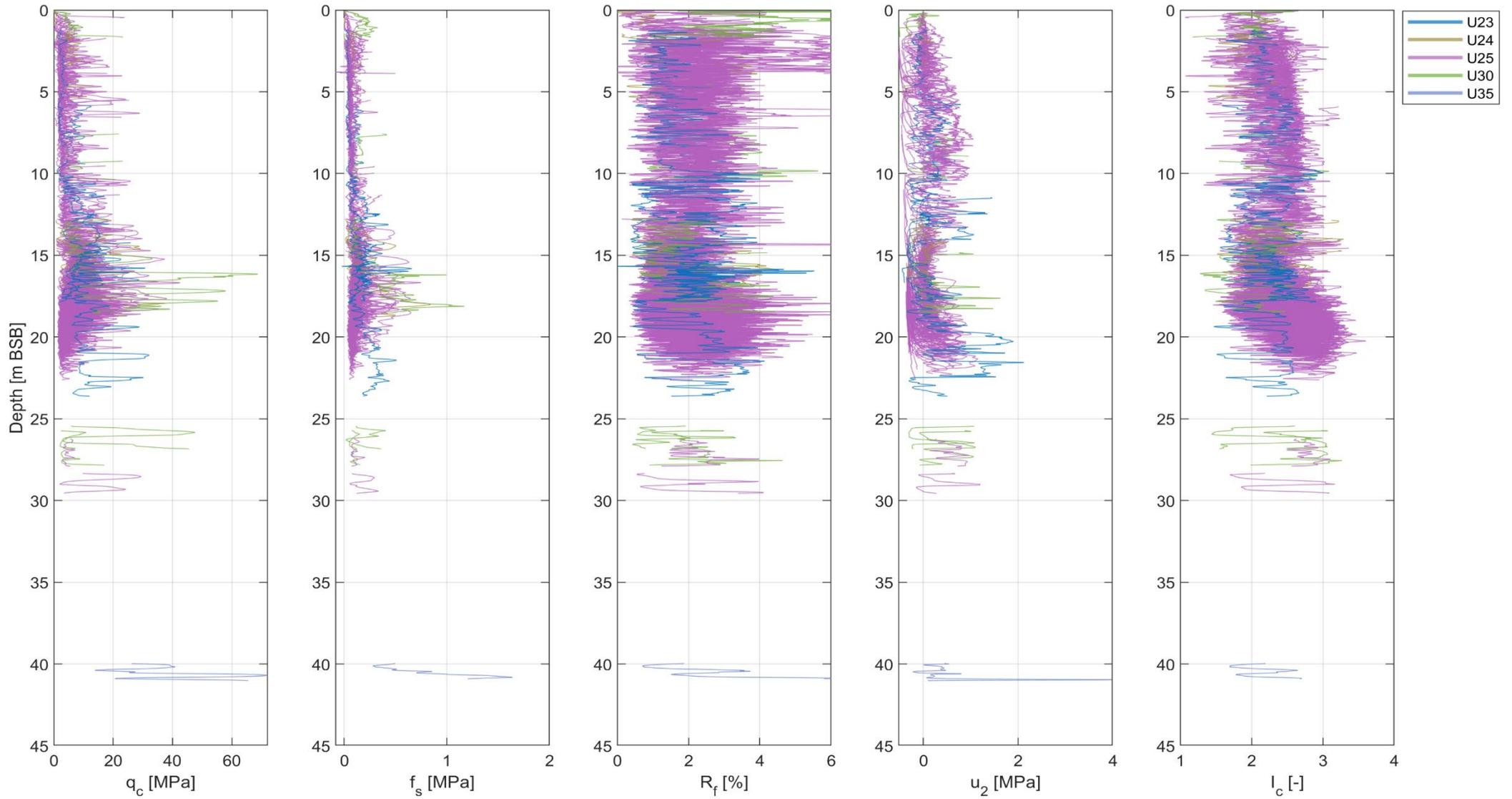


Figure B-16

Grouping of Weichselian mix. Info for each integrated model unit.

Weichselian Sand

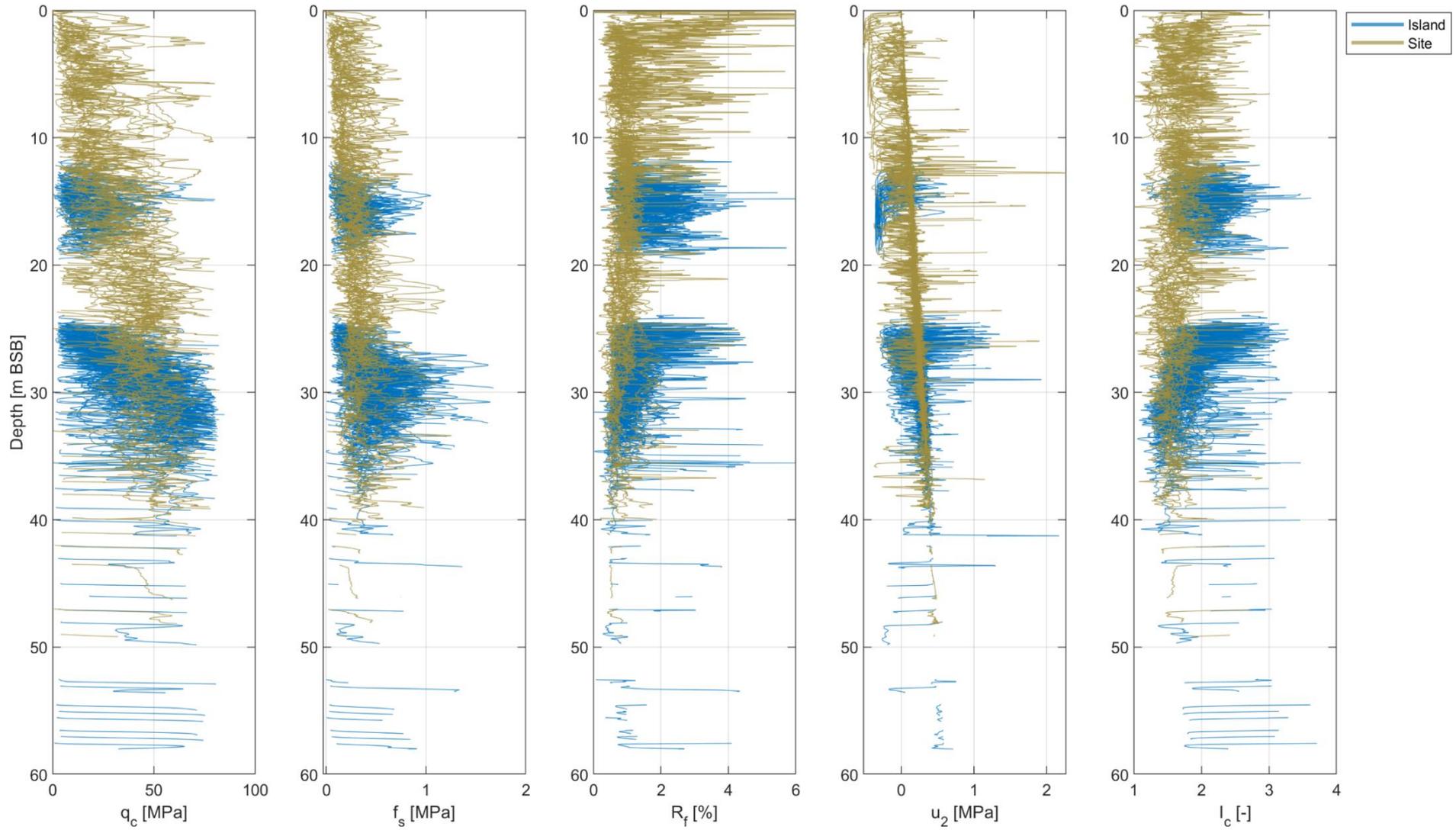


Figure B-17 Grouping of Weichselian sand. Island area vs site area.

Weichselian Sand

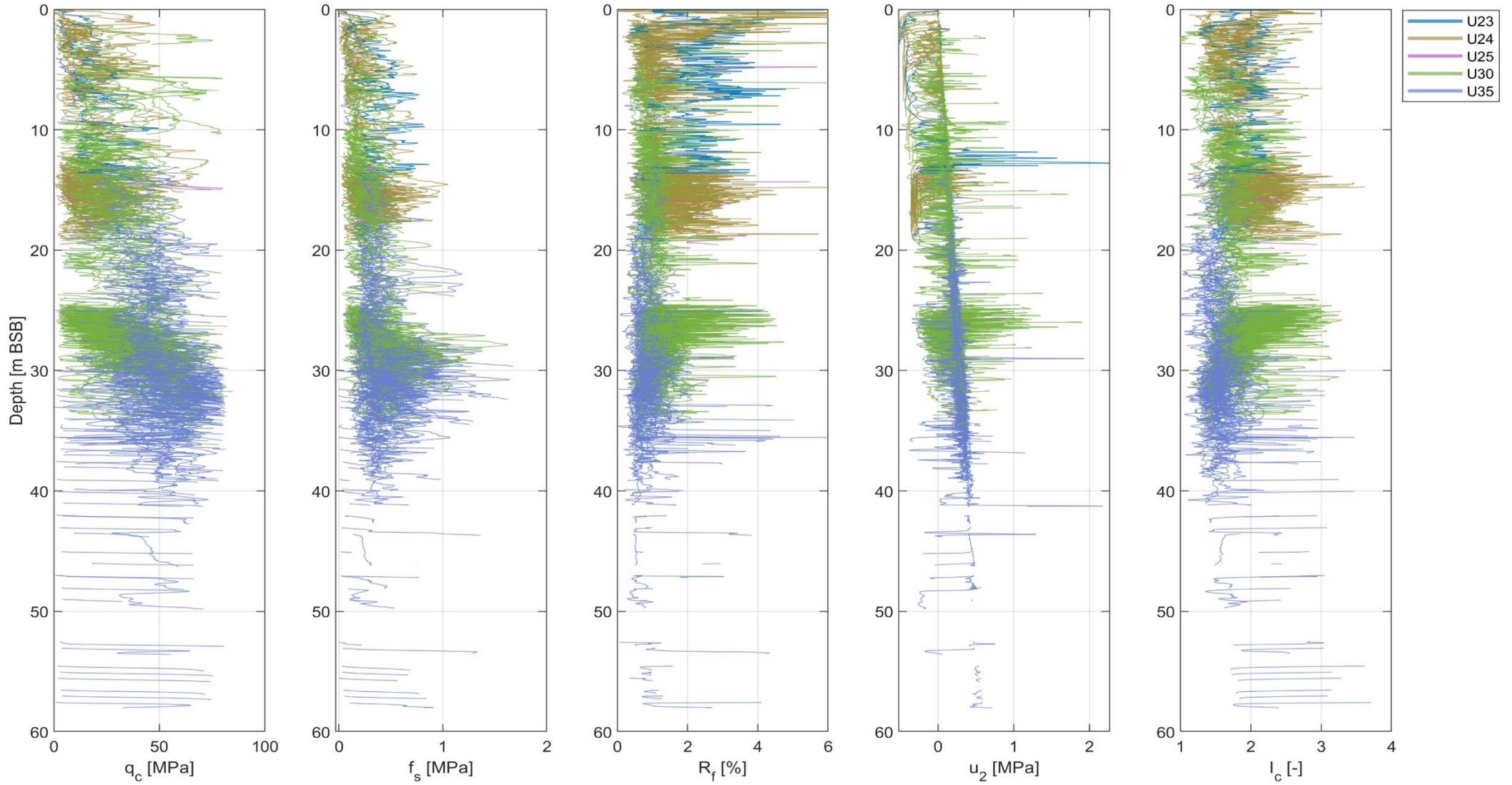


Figure B-18 Grouping of Weichselian sand. Info for each integrated model unit.

Saalian Clay

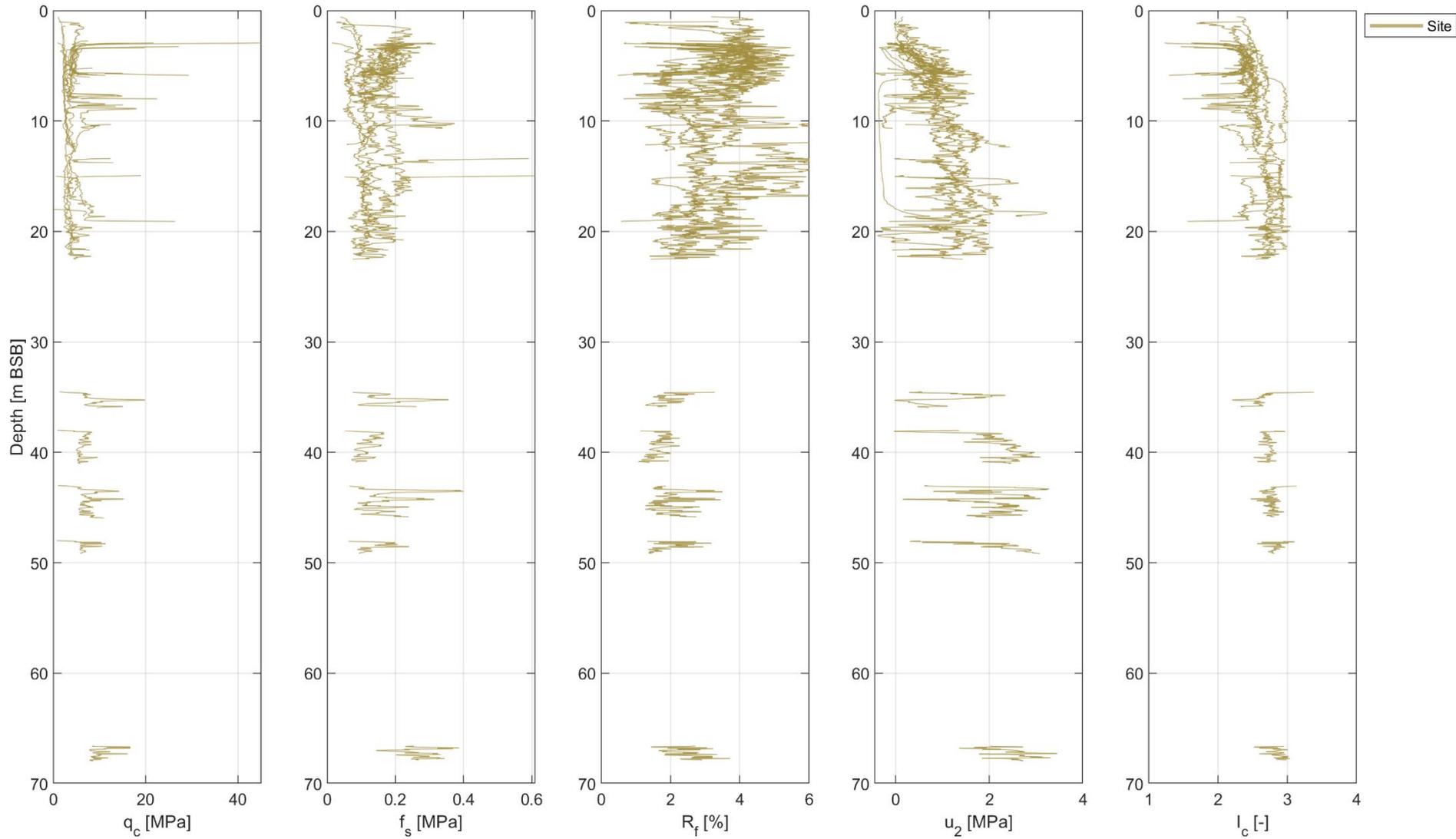


Figure B-19 Grouping of Saalian clay. Island area vs site area.

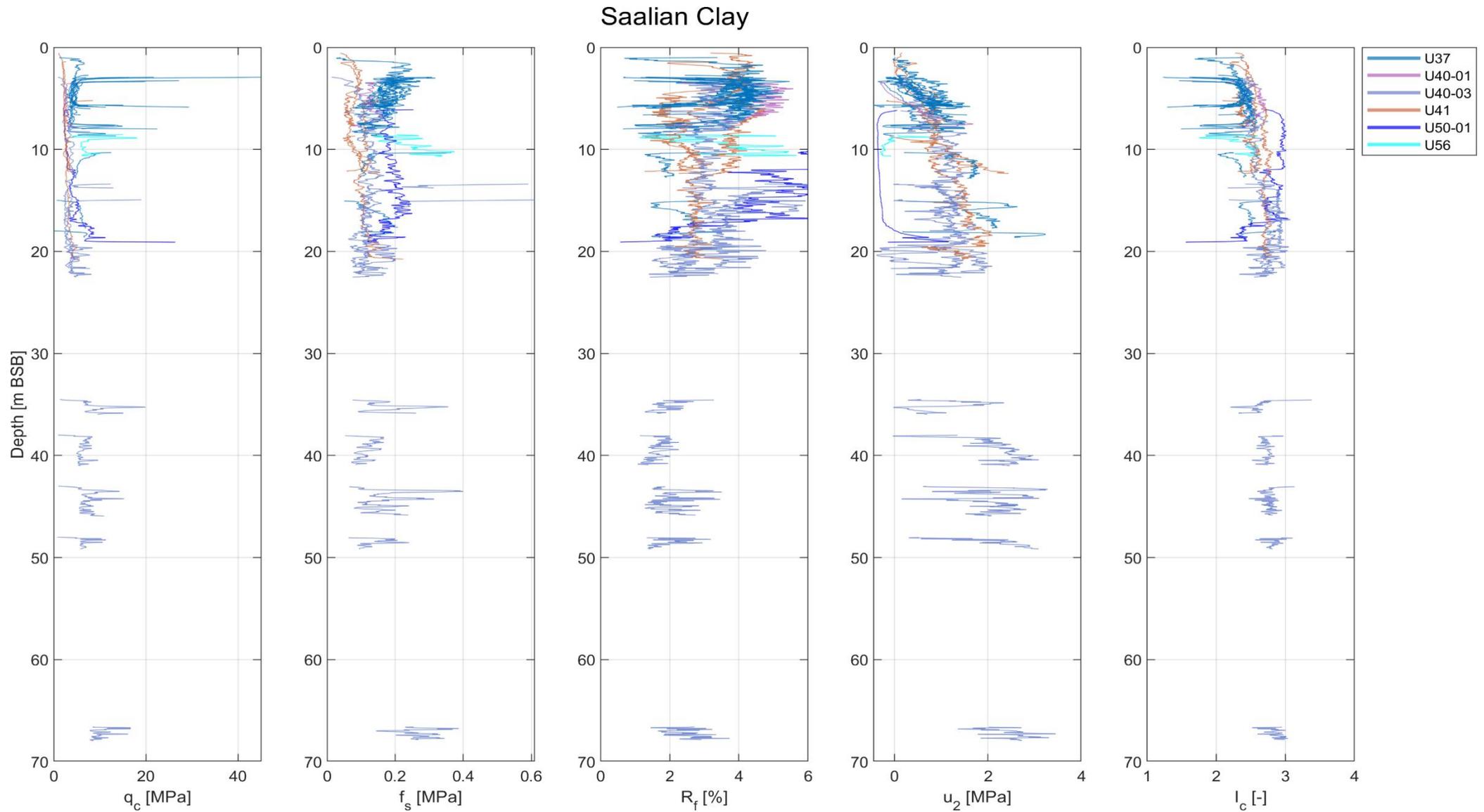


Figure B-20 Grouping of Saalian clay. Info for each integrated model unit.

Saalian Mix

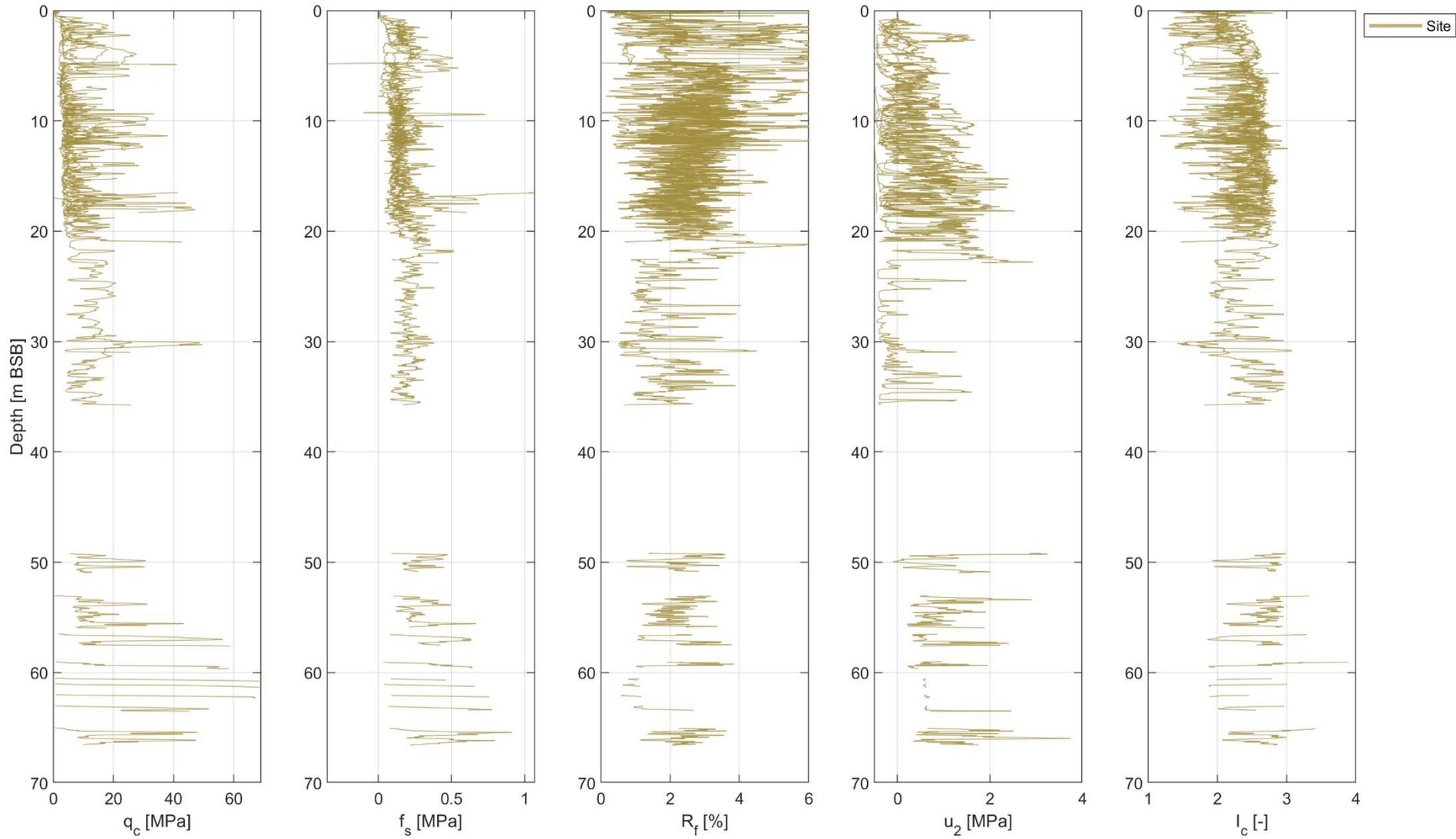


Figure B-21 Grouping of Saalian mix. Island area vs site area.

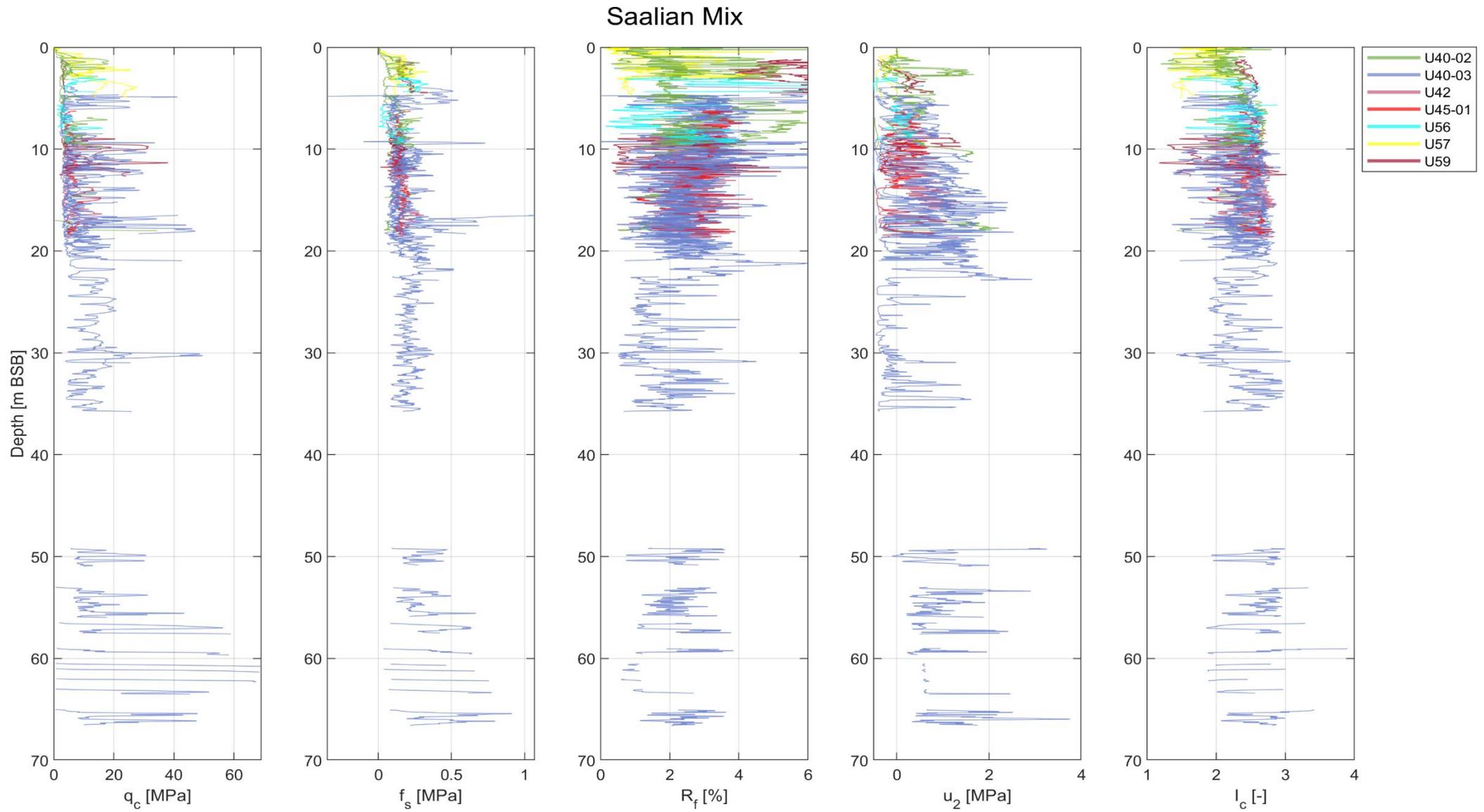


Figure B-22 Grouping of Saalian mix. Info for each integrated model unit.

Saalian Sand

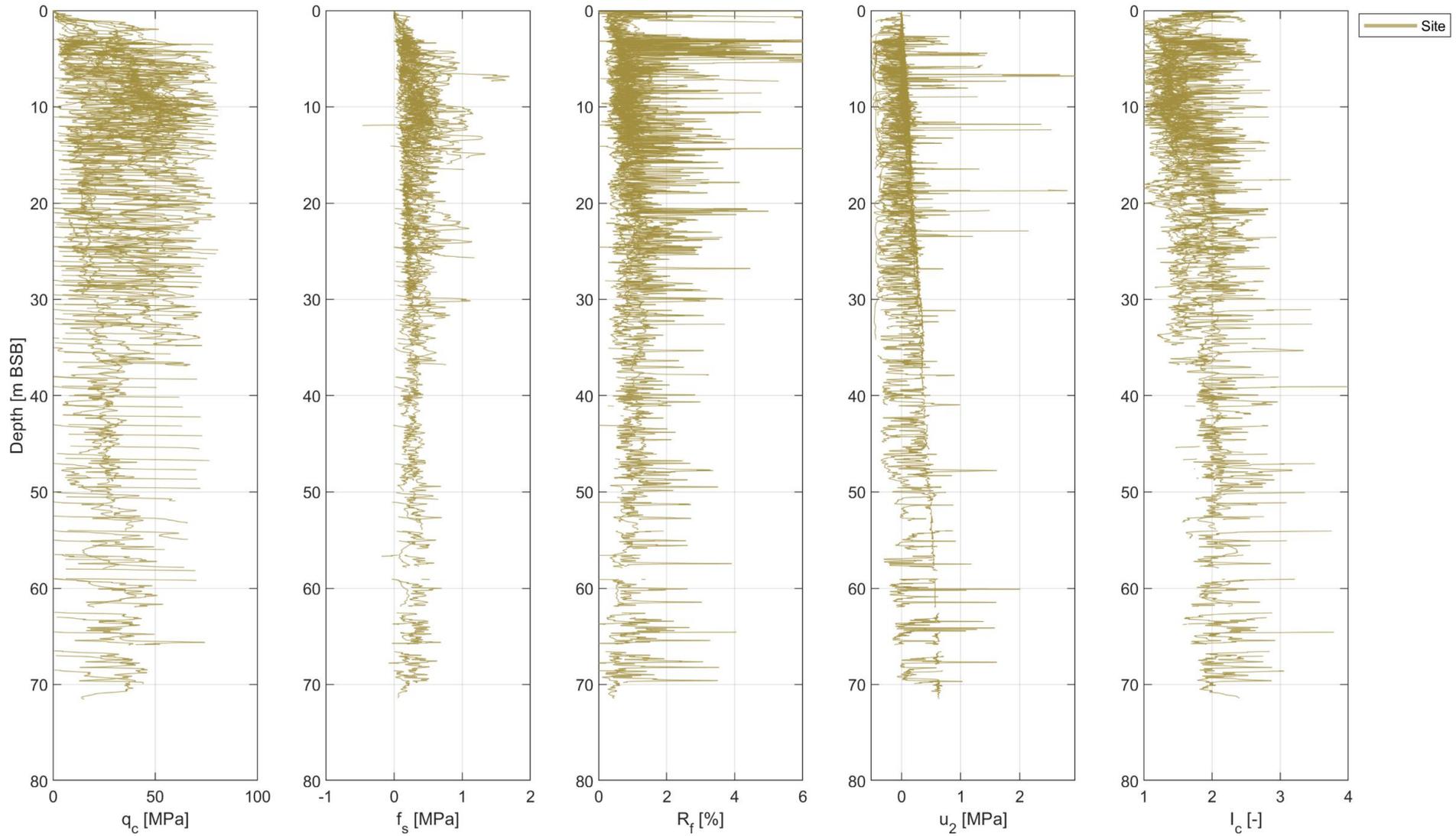


Figure B-23 Grouping of Saalian sand. Island area vs site area.

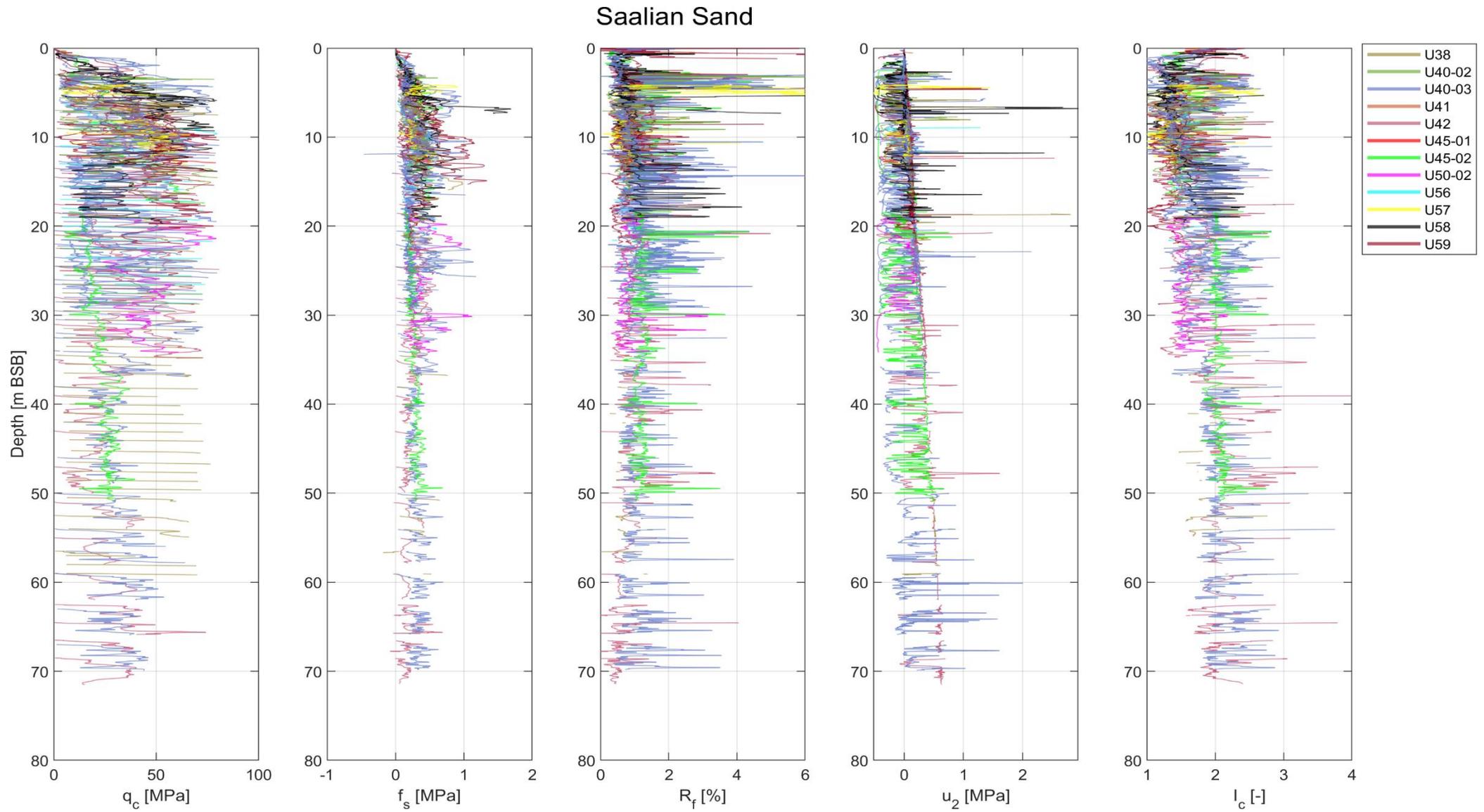


Figure B-24 Grouping of Saalian sand. Info for each integrated model unit.

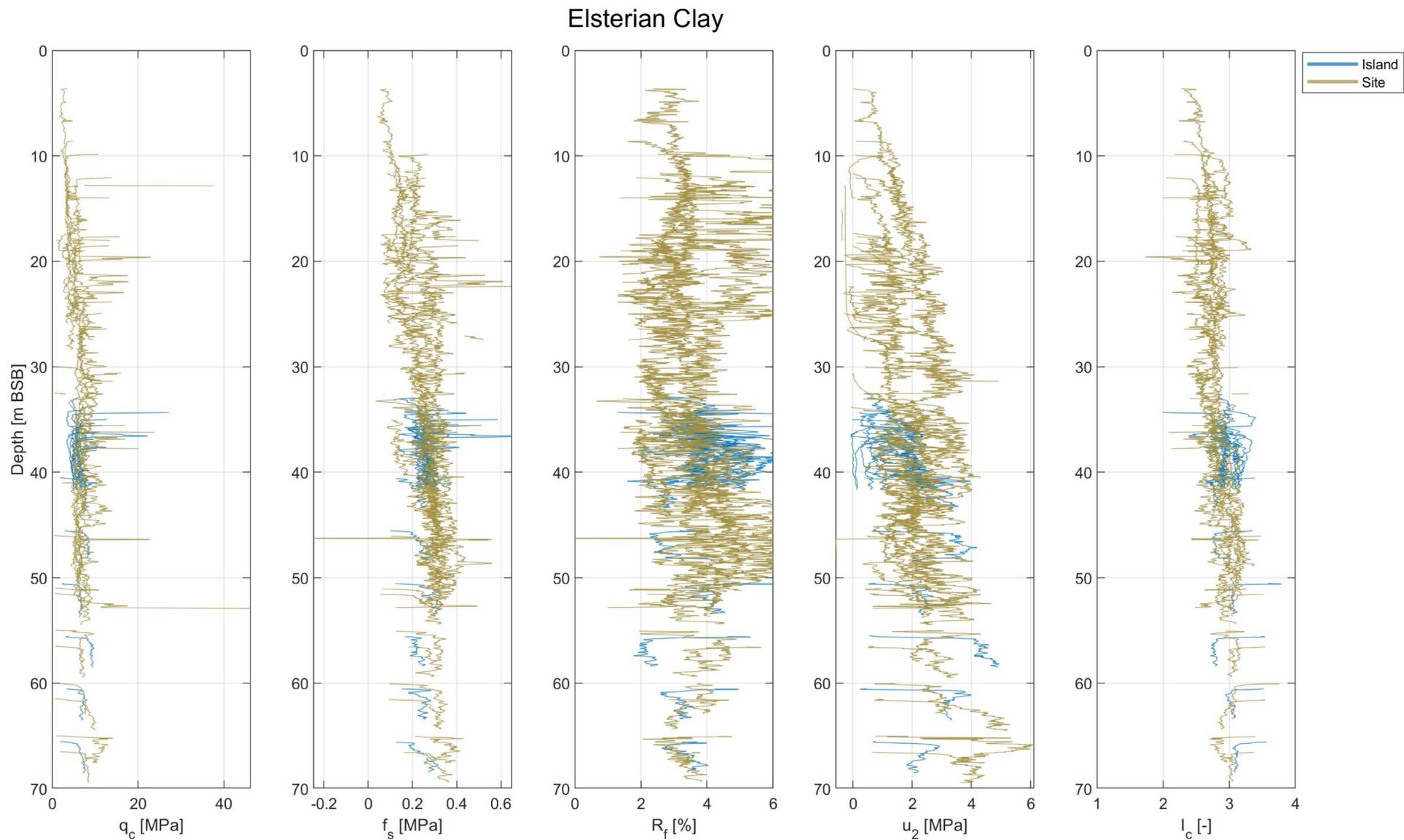


Figure B-25 Grouping of Elsterian clay. Island area vs site area.

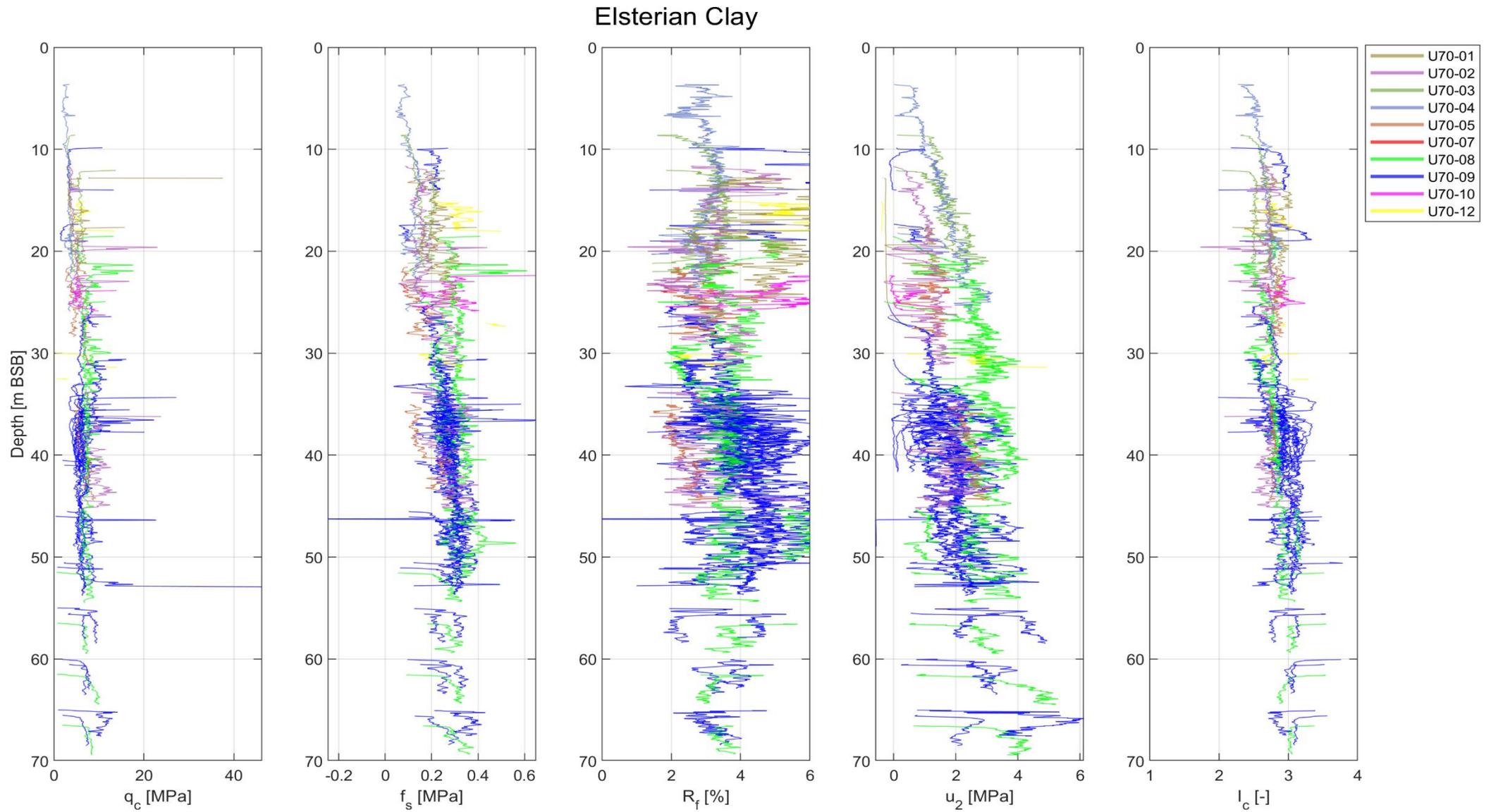


Figure B-26 Grouping of Elsterian clay. Info for each integrated model unit.

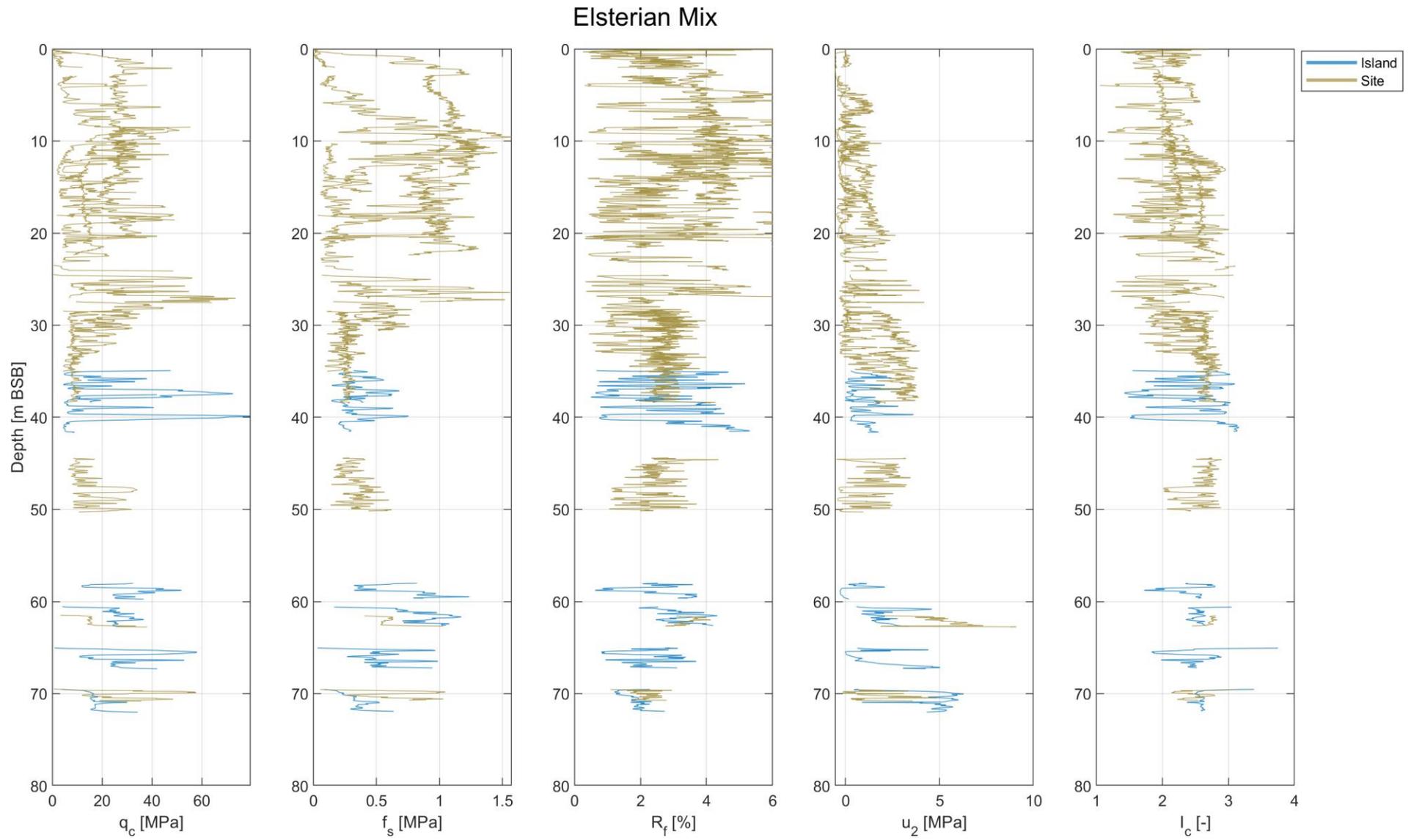


Figure B-27 Grouping of Elsterian mix. Island area vs site area.

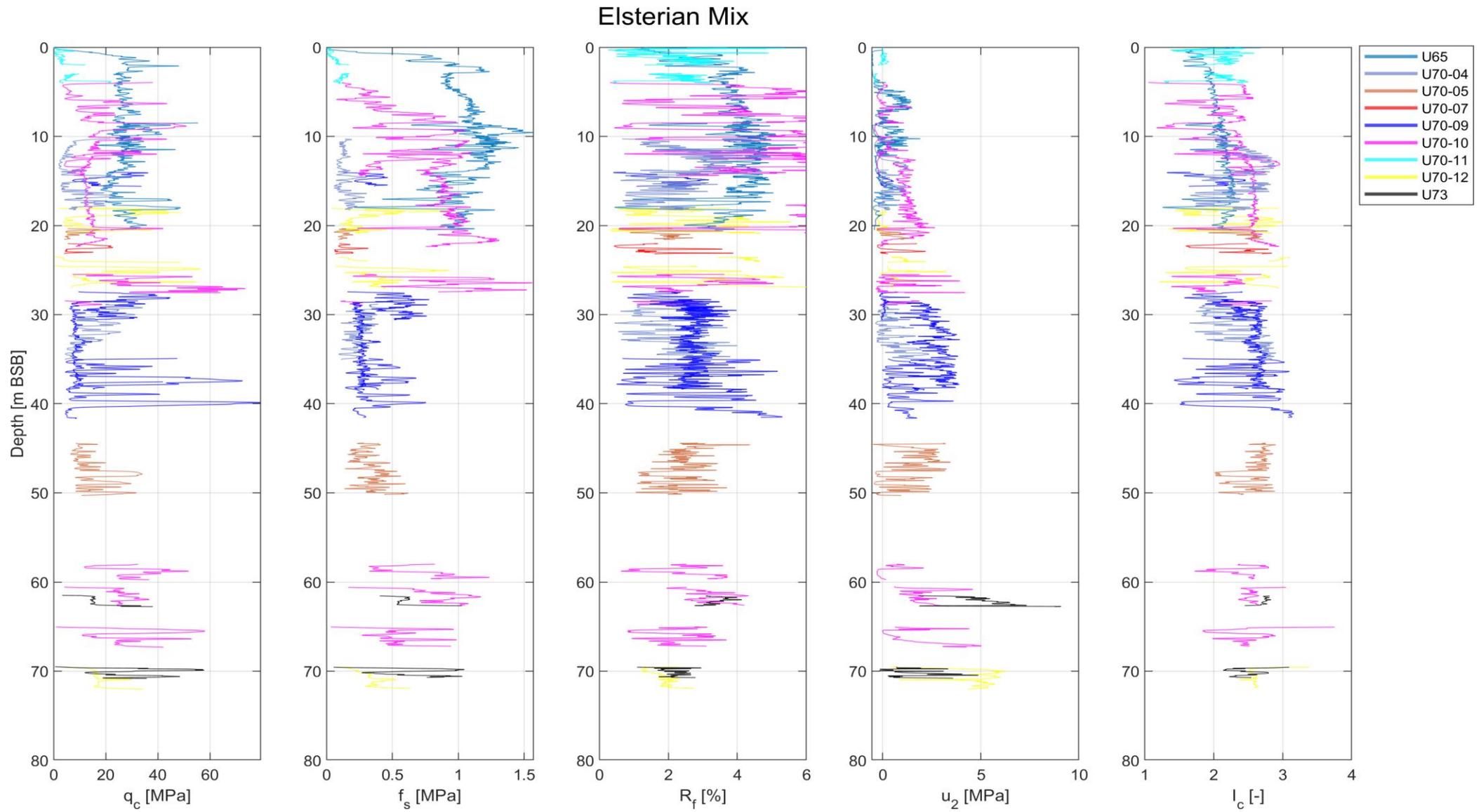


Figure B-28 Grouping of Elsterian mix. Info for each integrated model unit.

Elsterian Sand

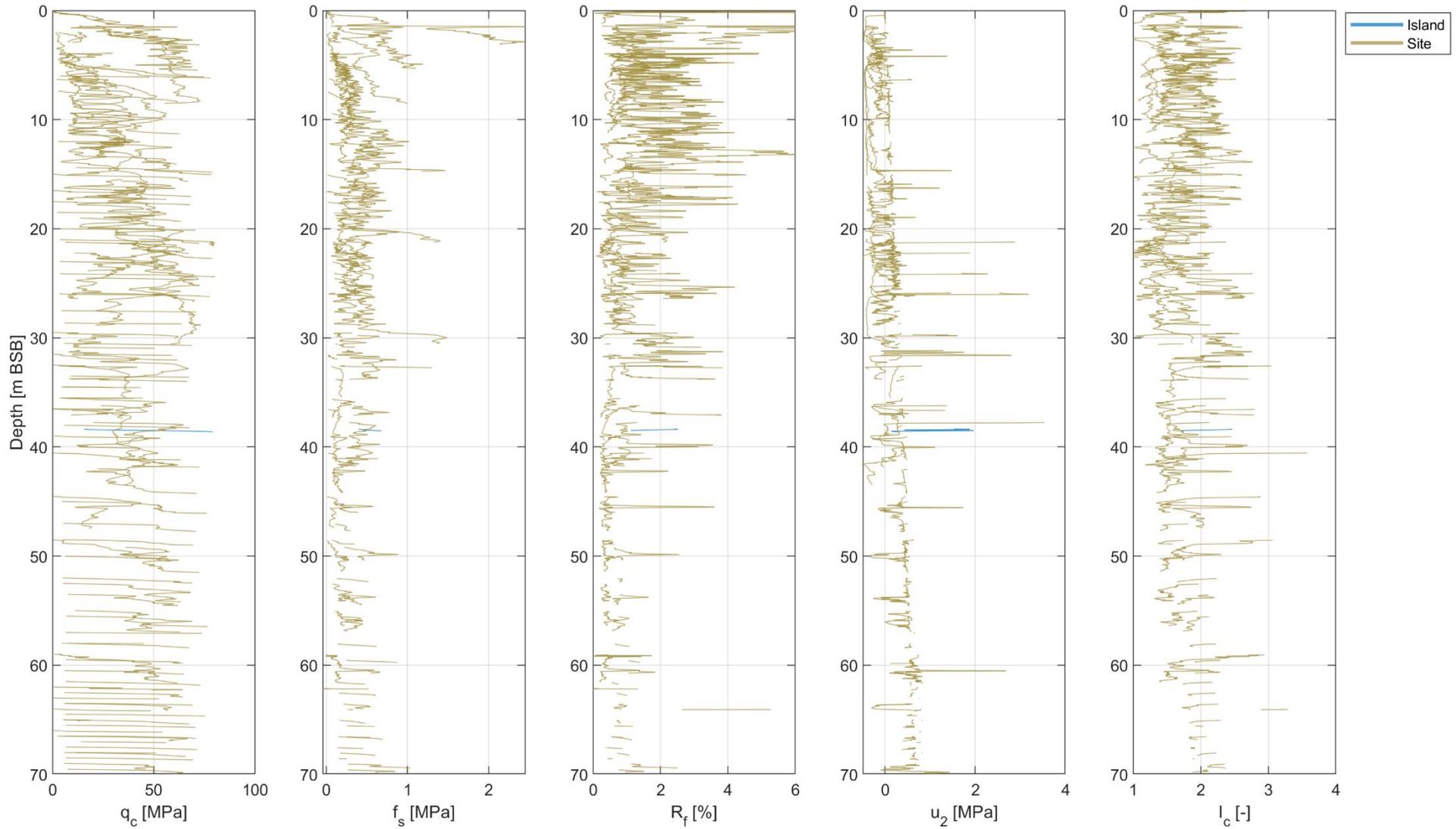


Figure B-29 Grouping of Elsterian sand. Island area vs site area.

Elsterian Sand

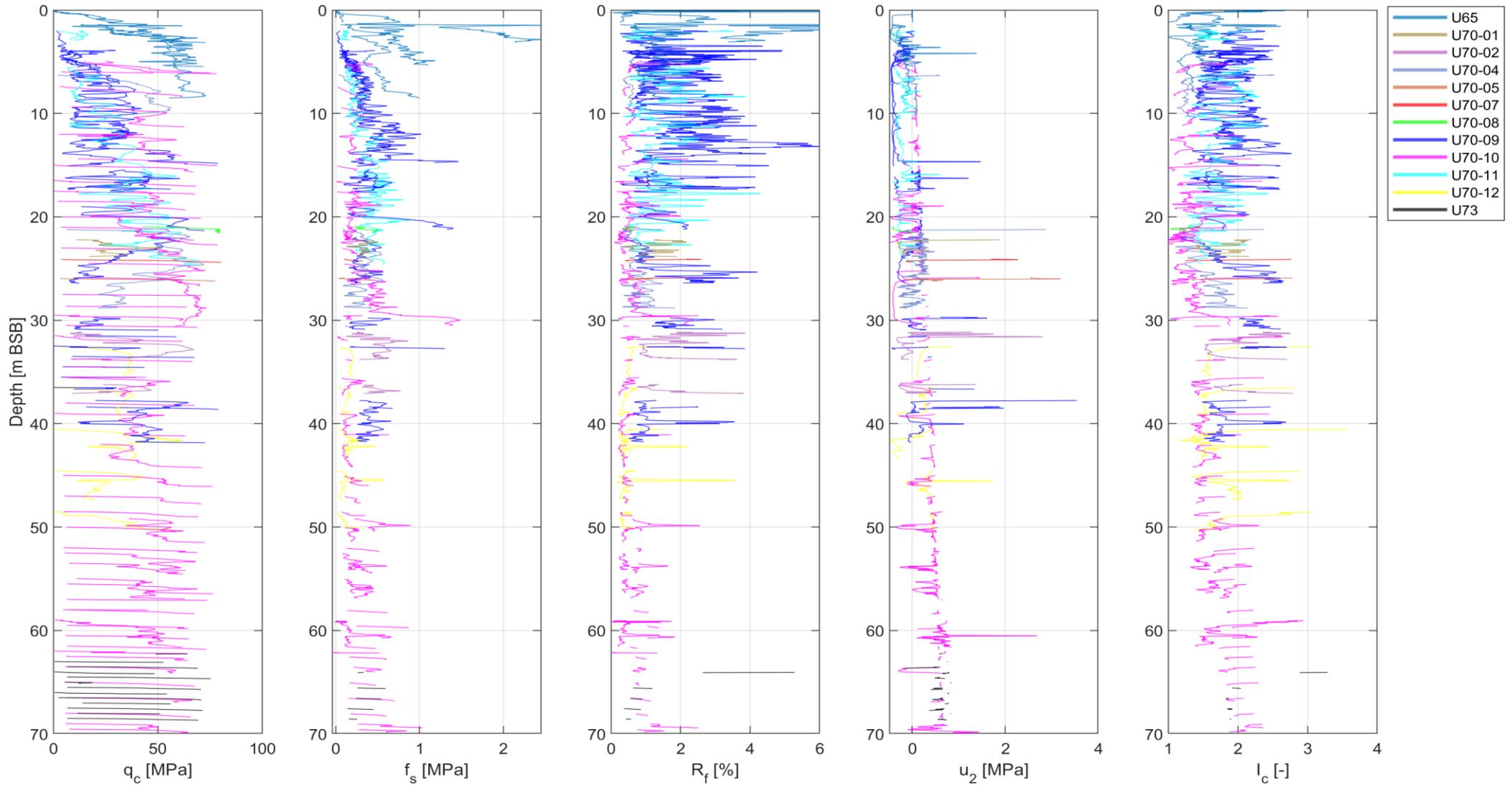


Figure B-30 Grouping of Elsterian sand. Info for each integrated model unit.

Elsterian & older Mix

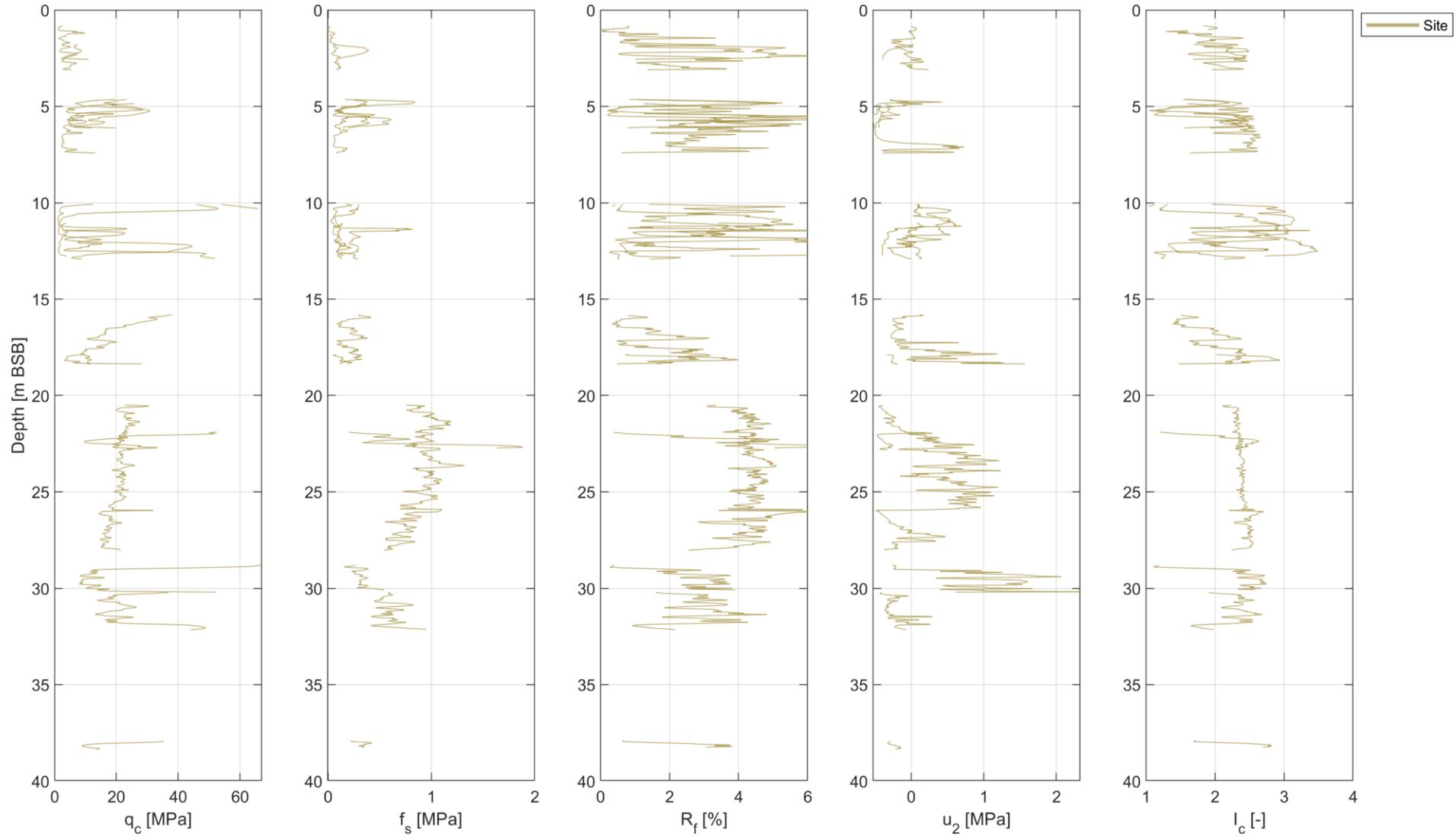


Figure B-31 Grouping of Elsterian & older mix. Island area vs site area.

Elsterian & older Mix

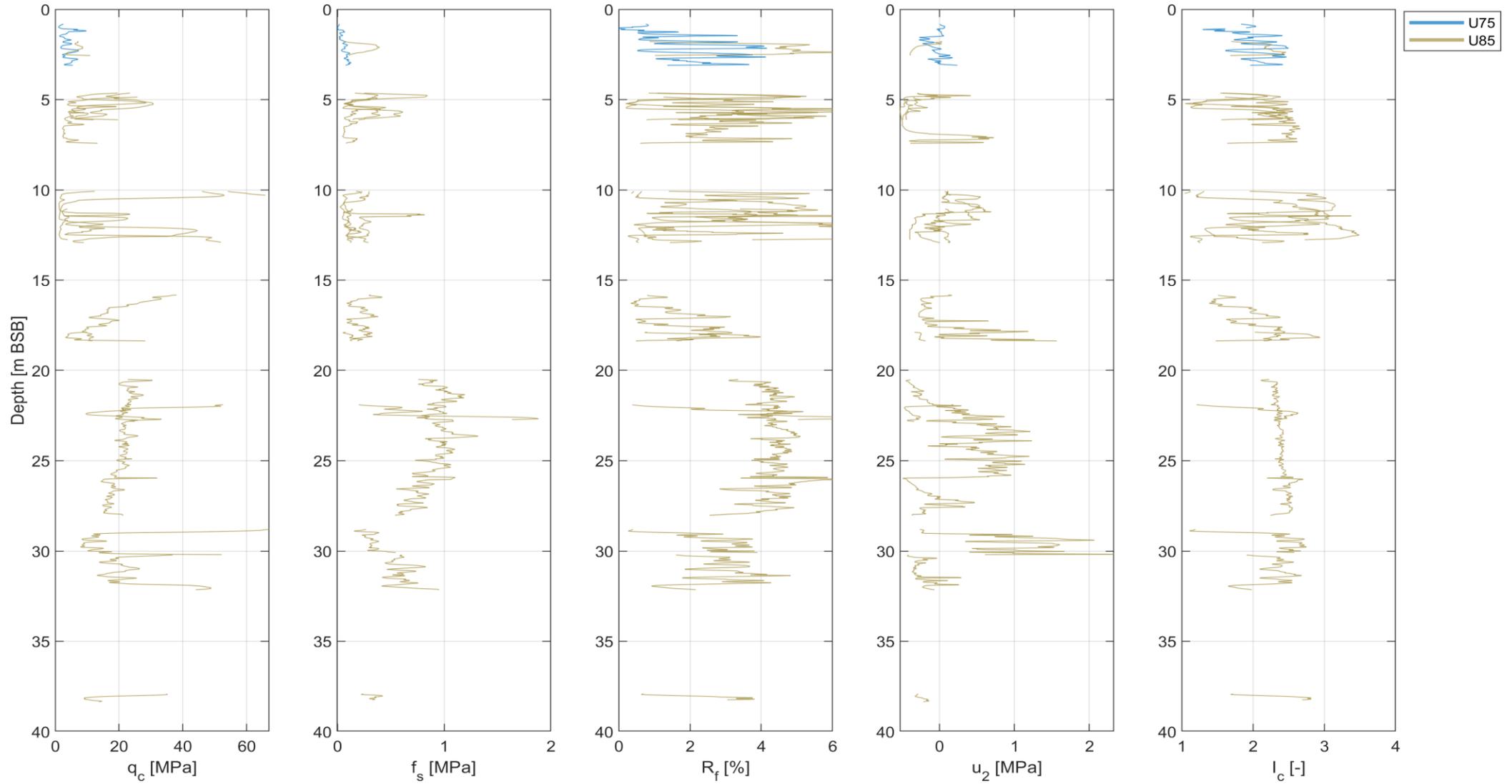


Figure B-32 Grouping of Elsterian & Older mix. Info for each integrated model unit.

Elsterian & older Sand

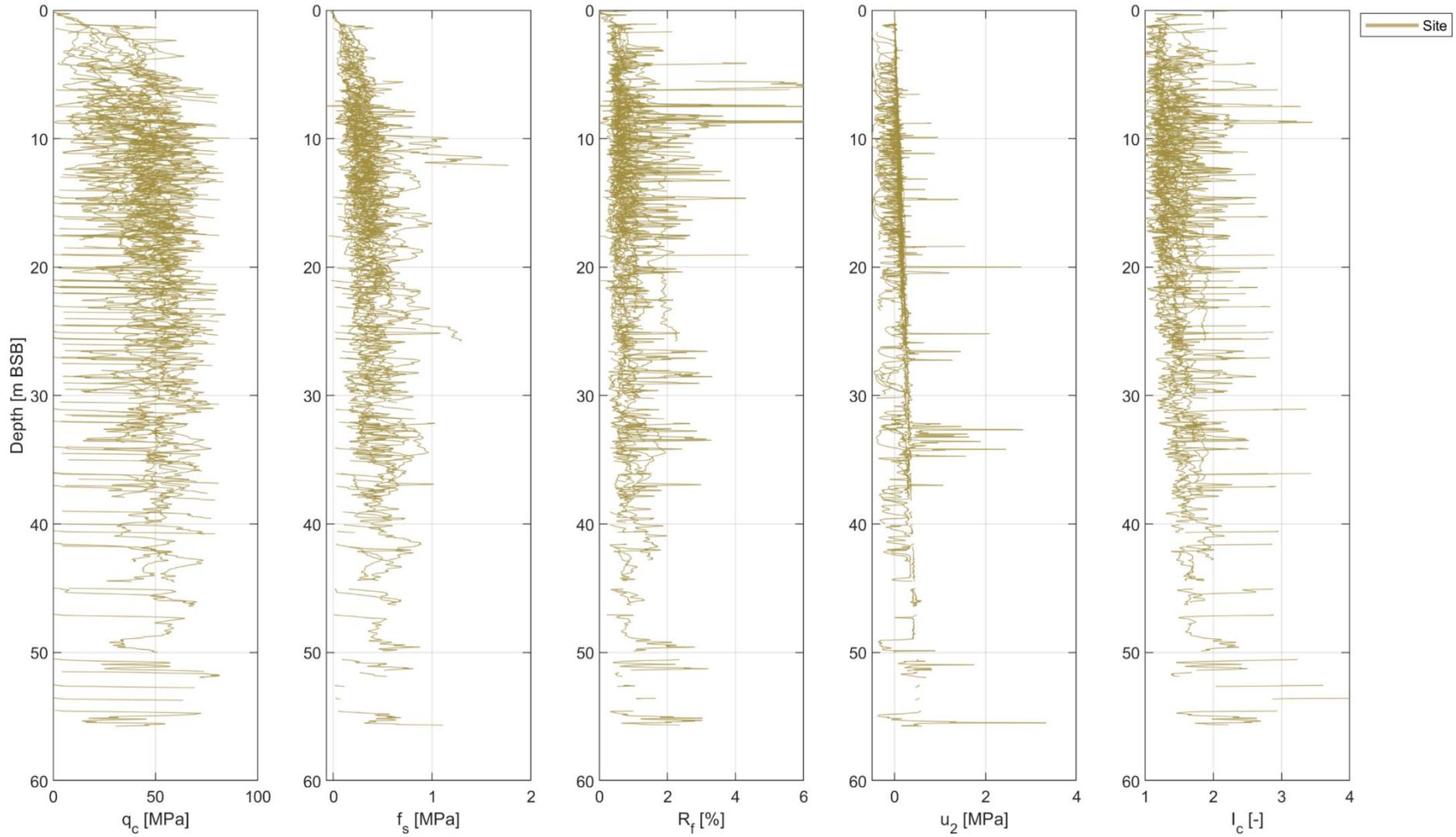


Figure B-33 Grouping of Elsterian & older sand. Island area vs site area.

Elsterian & older Sand

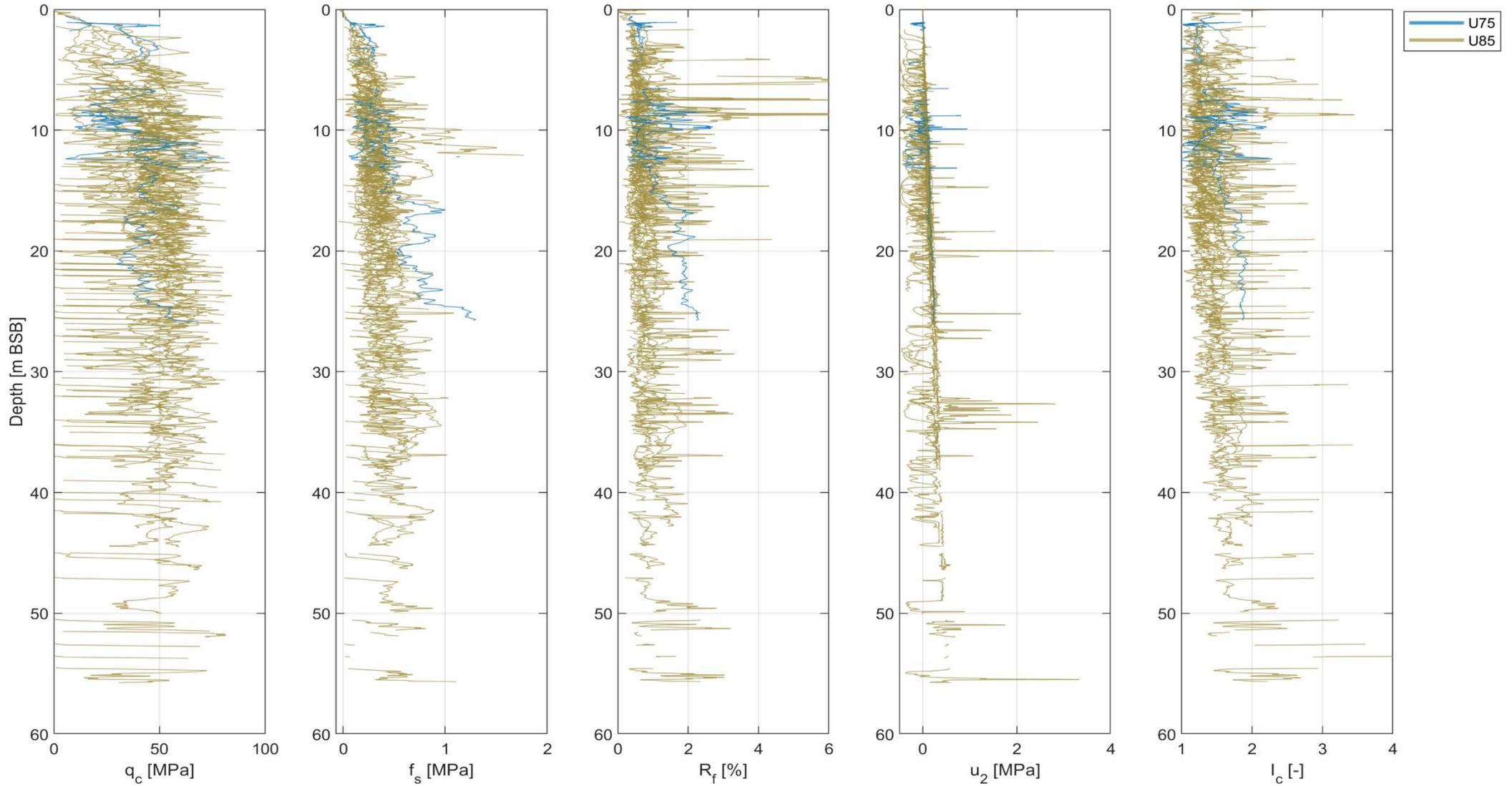


Figure B-34 Grouping of Elsterian & Older sand. Info for each integrated model unit.

Miocene Clay

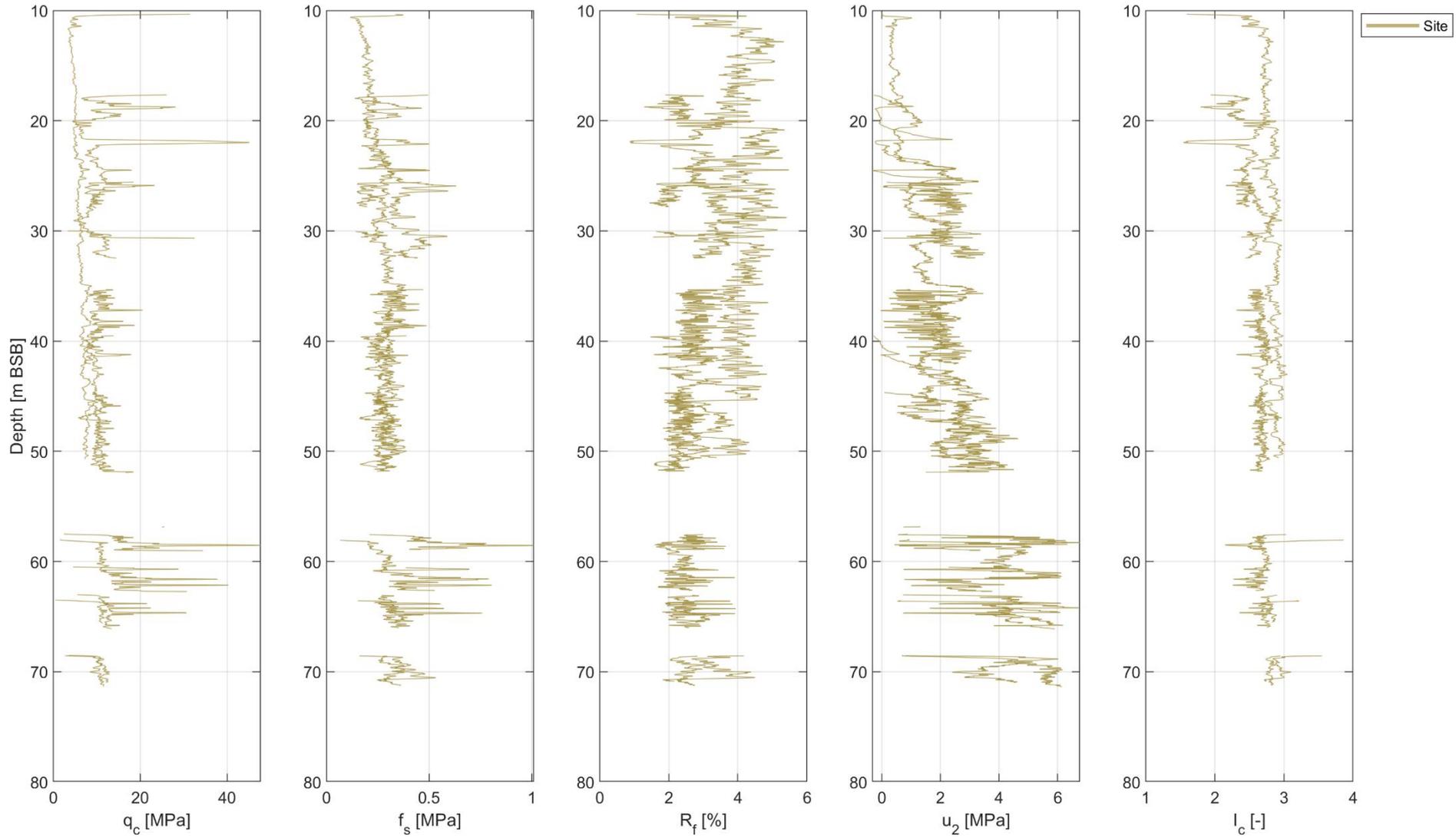


Figure B-35 Grouping of Miocene clay. Island area vs site area.

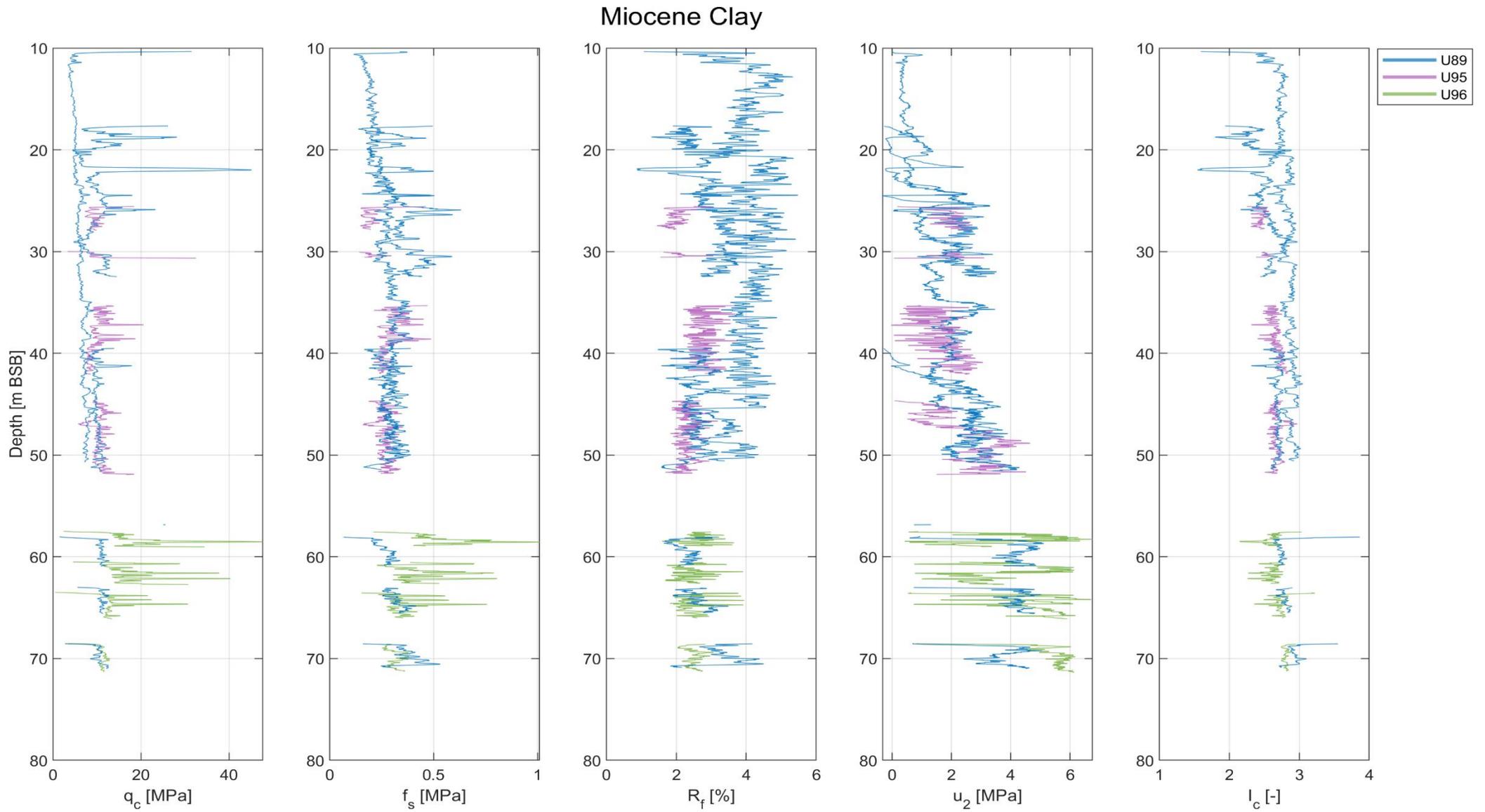


Figure B-36 Grouping of Miocene clay. Info for each integrated model unit.

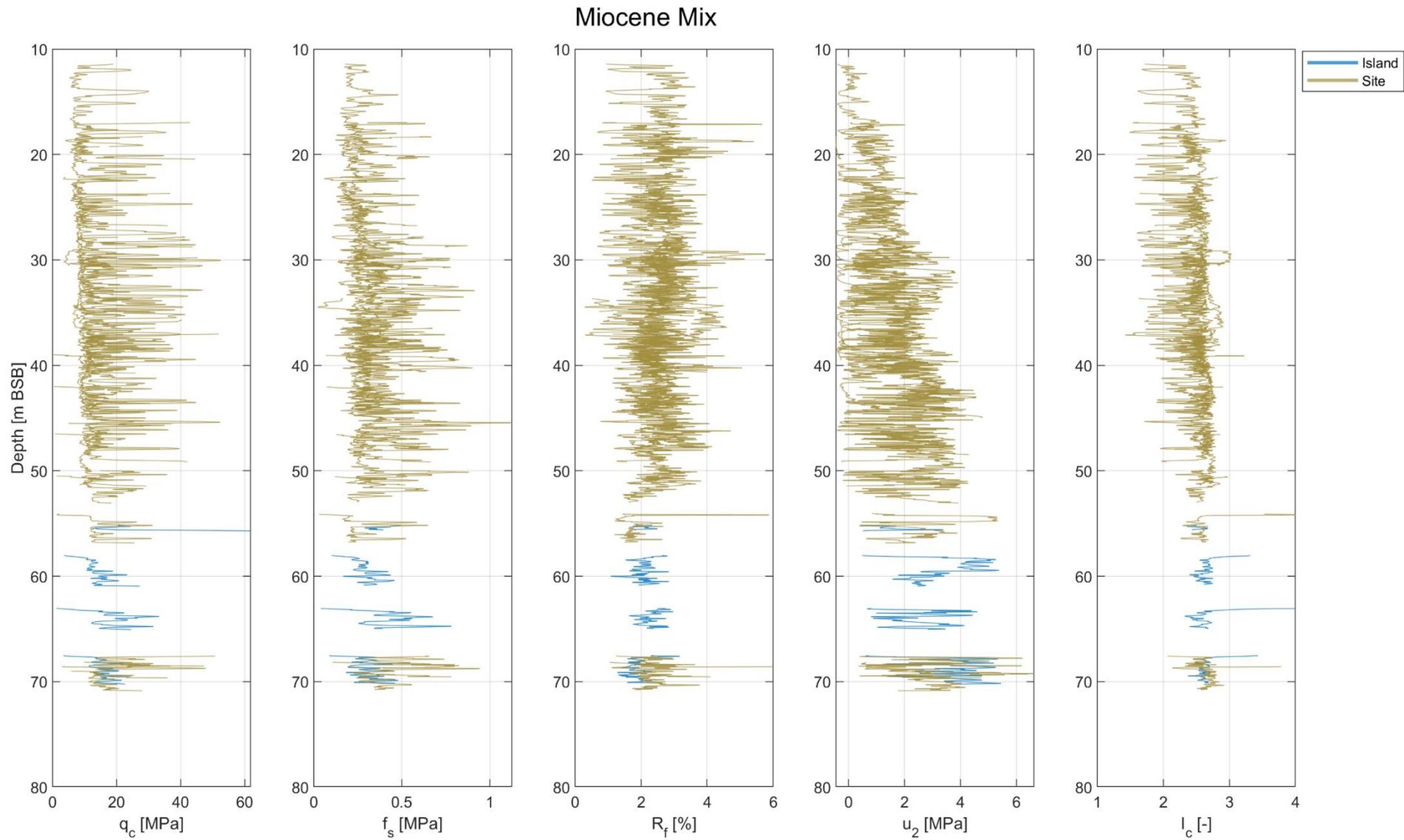


Figure B-37 Grouping of Mioene mix. Island area vs site area.

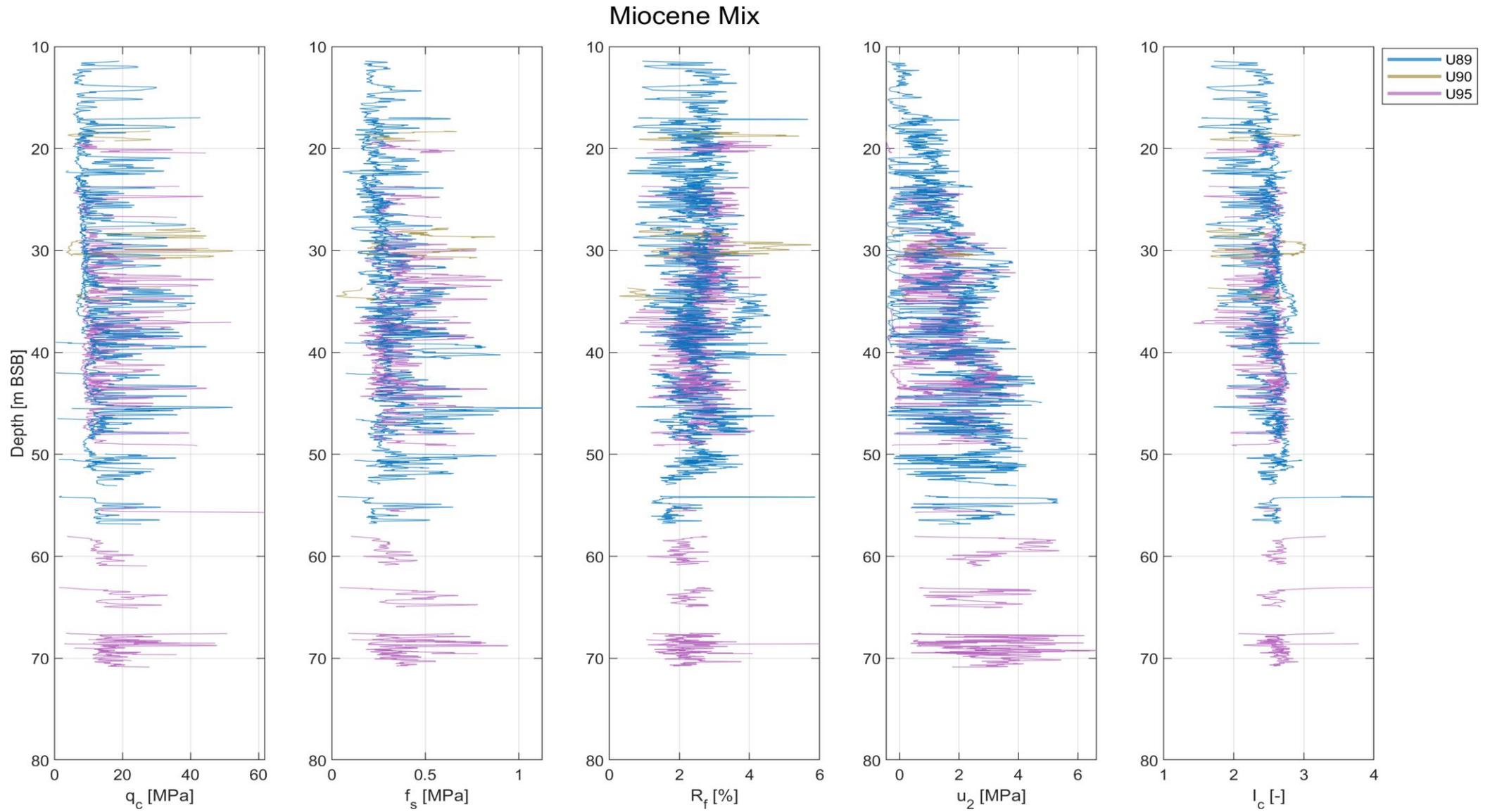


Figure B-38 Grouping of Miocene mix. Info for each integrated model unit.

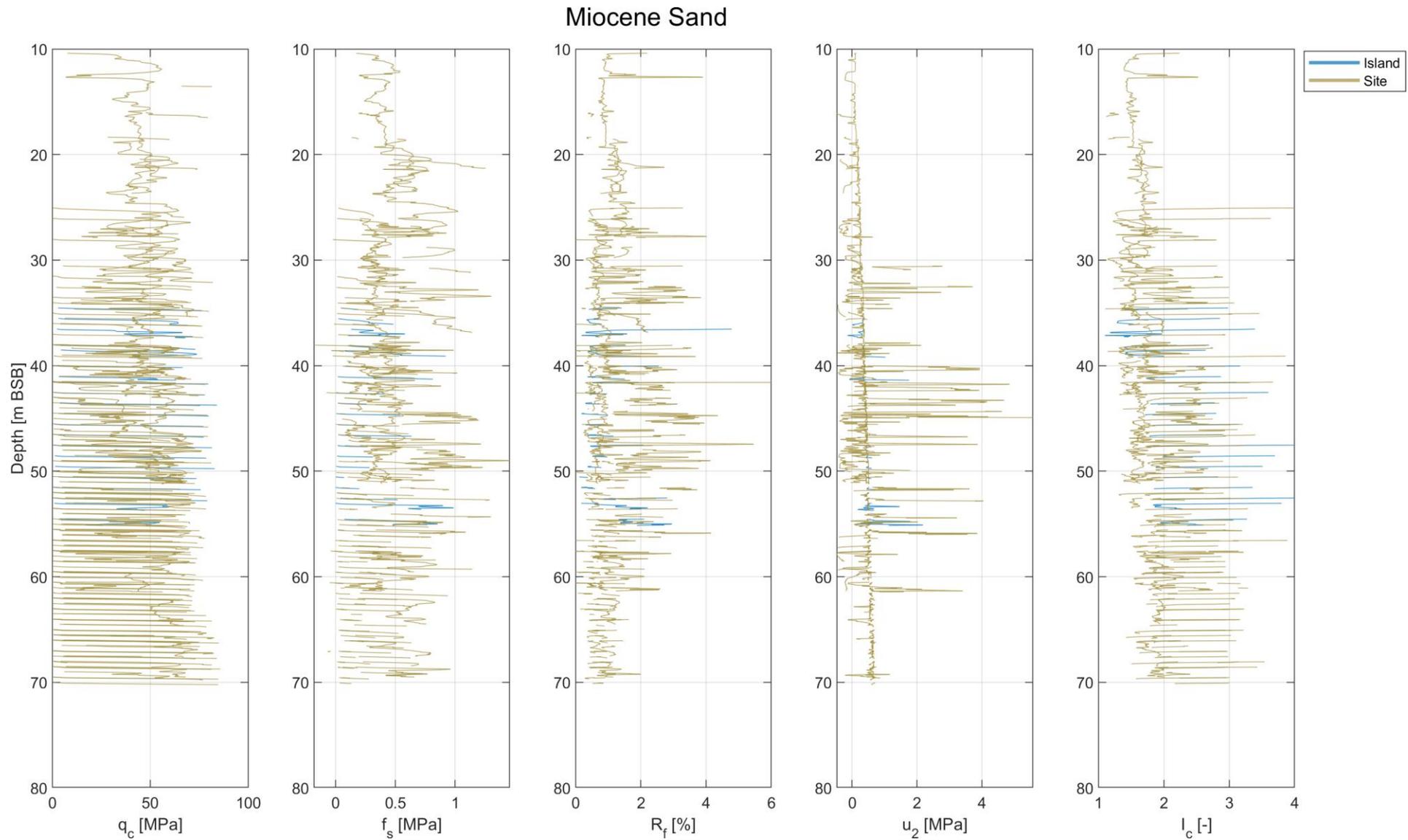


Figure B-39 Grouping of Miocene sand. Island area vs site area.

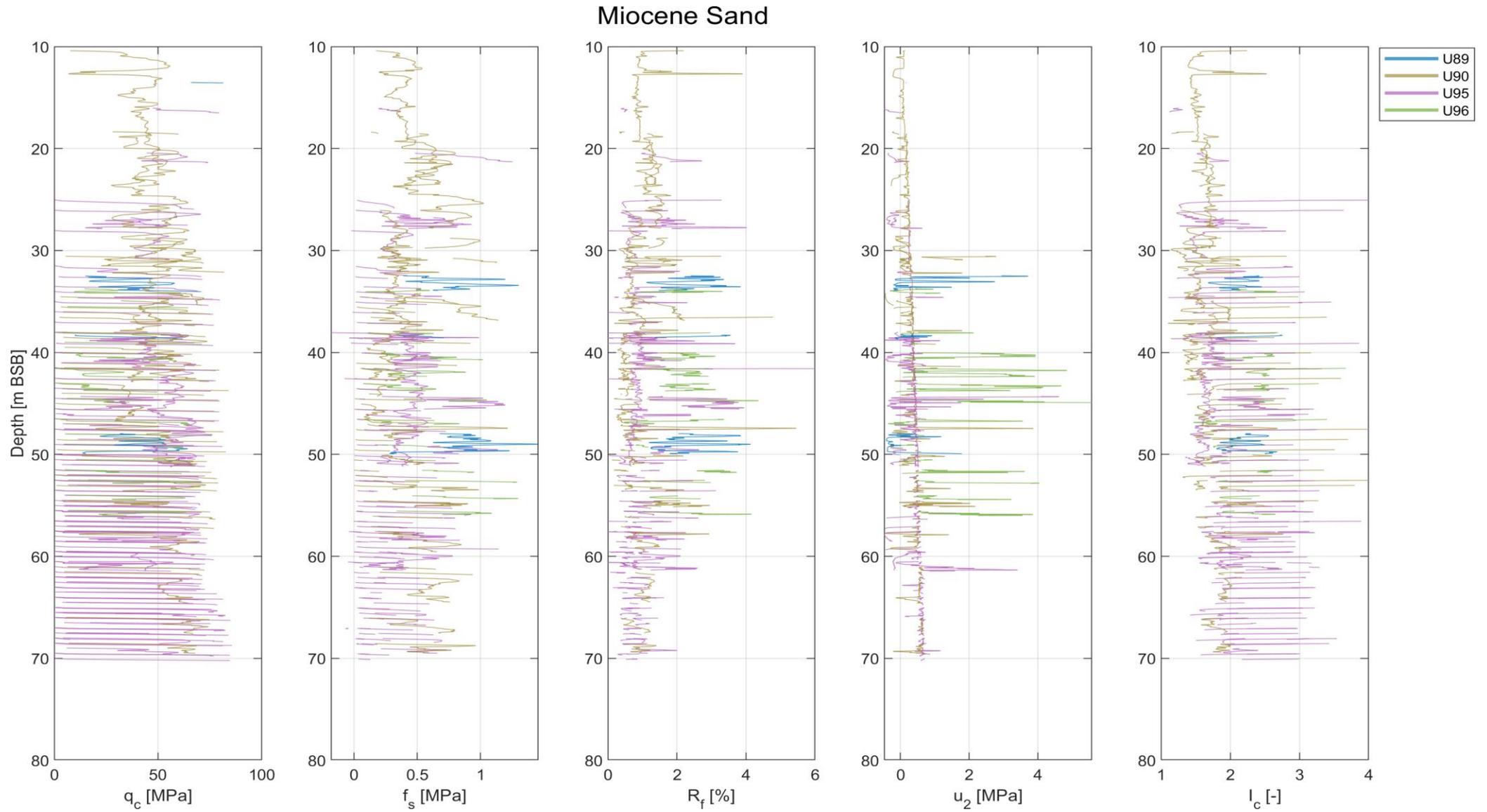


Figure B-40 Grouping of Miocene sand. Info for each integrated model unit.

B.2 Presentation of geotechnical unit groupings by Robertson charts

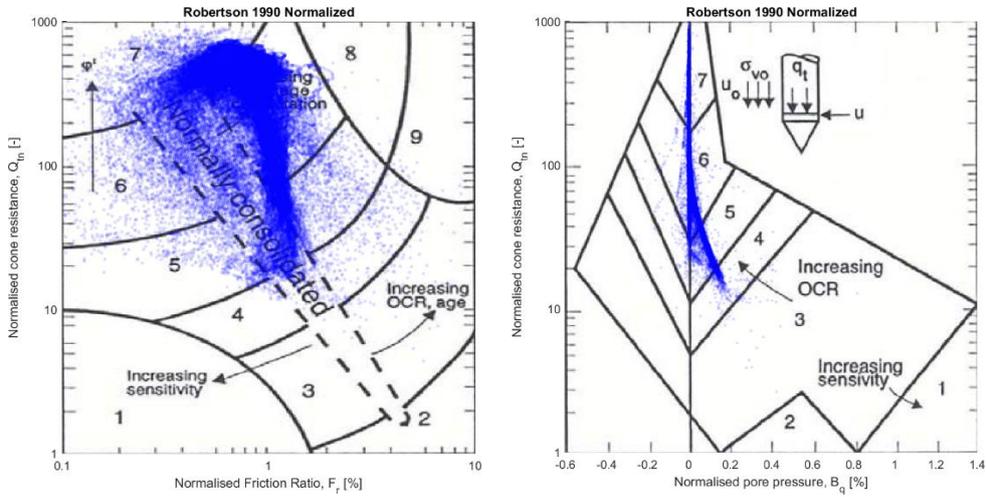


Figure B-41 Grouping of Holocene sand.

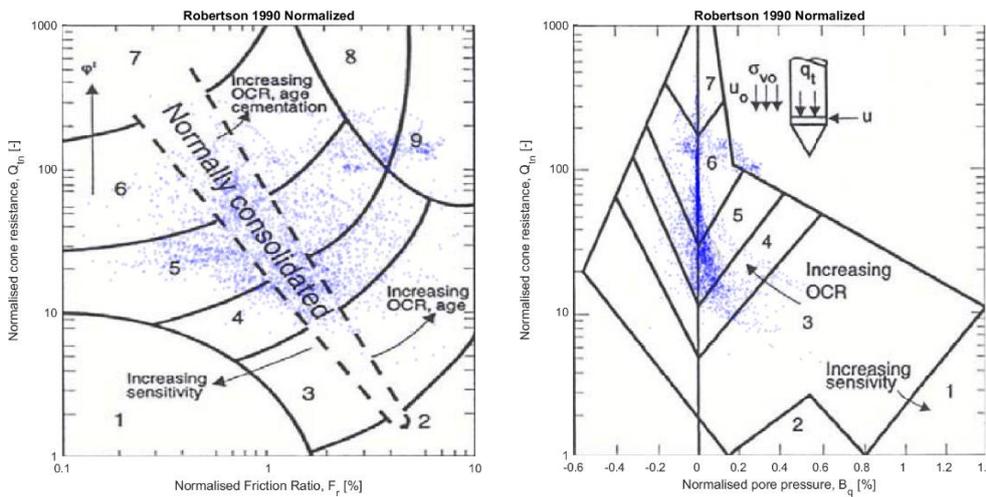


Figure B-42 Grouping of Holocene mix.

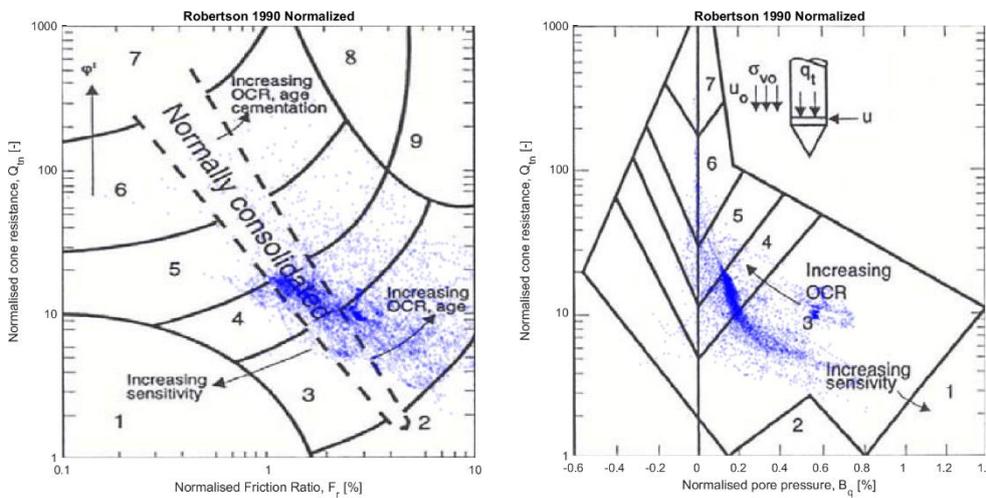


Figure B-43 Grouping of Holocene clay.

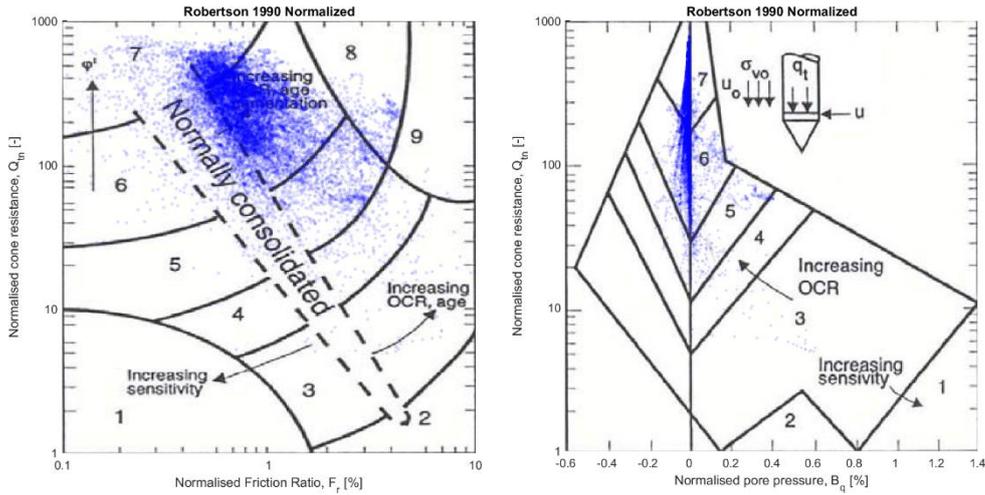


Figure B-44 Grouping of Late Weichselian sand.

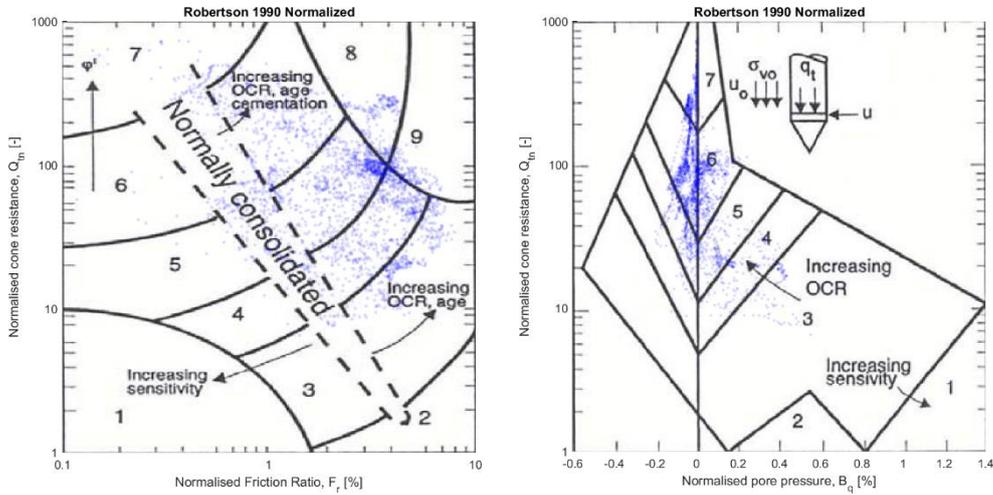


Figure B-45 Grouping of Late Weichselian mix.

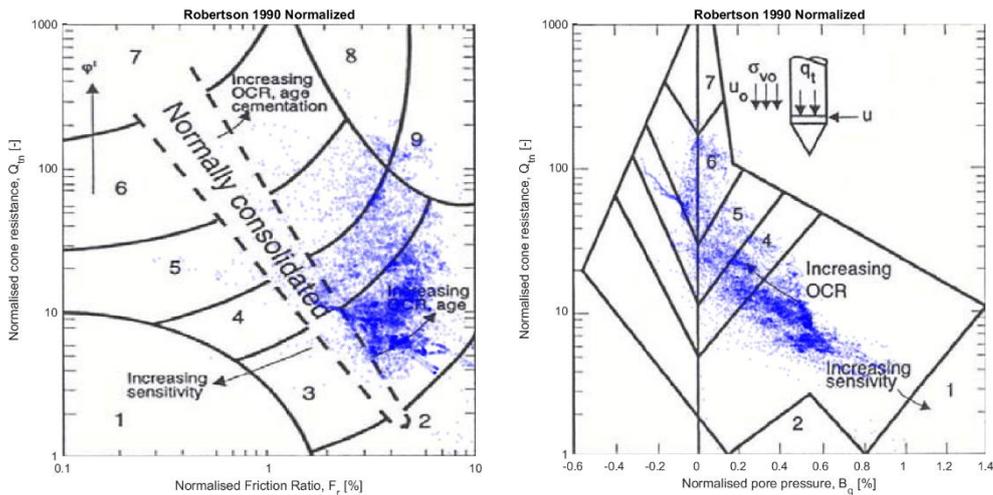


Figure B-46 Grouping of Late Weichselian clay.

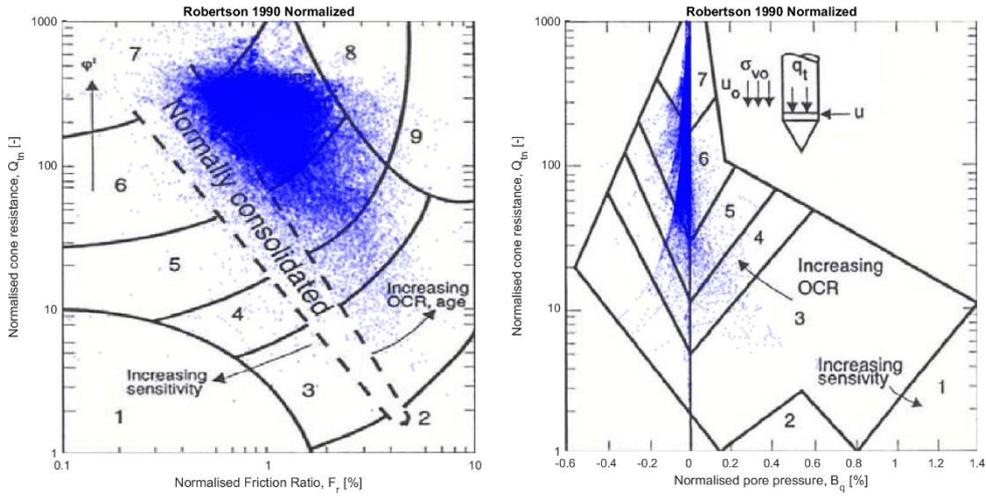


Figure B-47 Grouping of Weichselian sand.

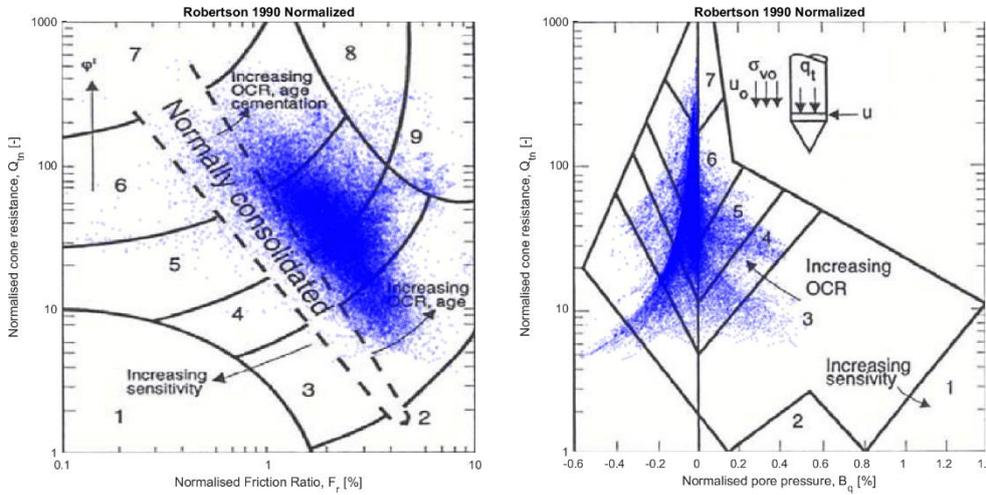


Figure B-48 Grouping of Weichselian mix.

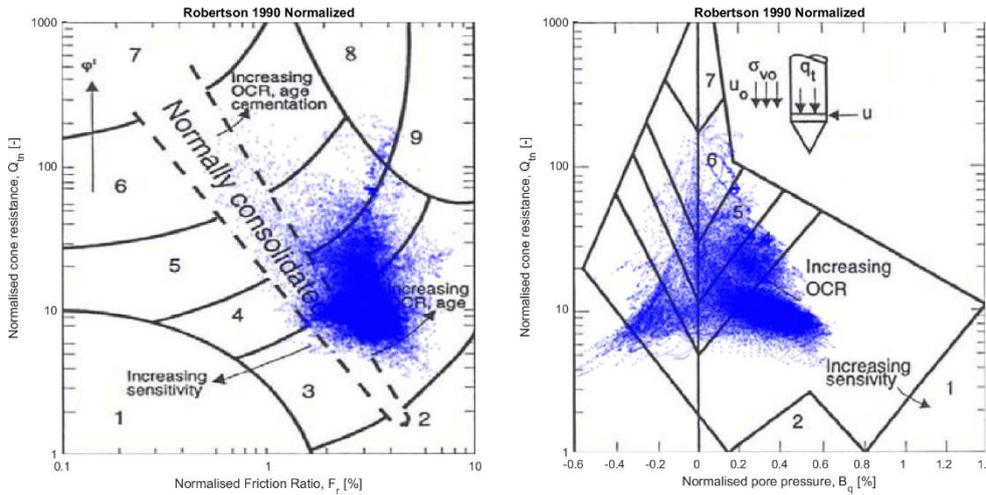


Figure B-49 Grouping of Weichselian clay.

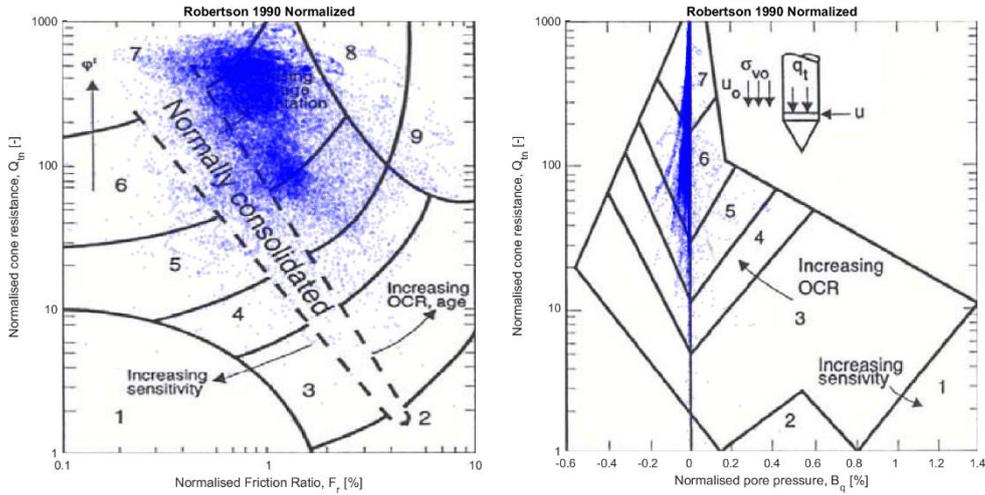


Figure B-50 Grouping of Late Saalian sand.

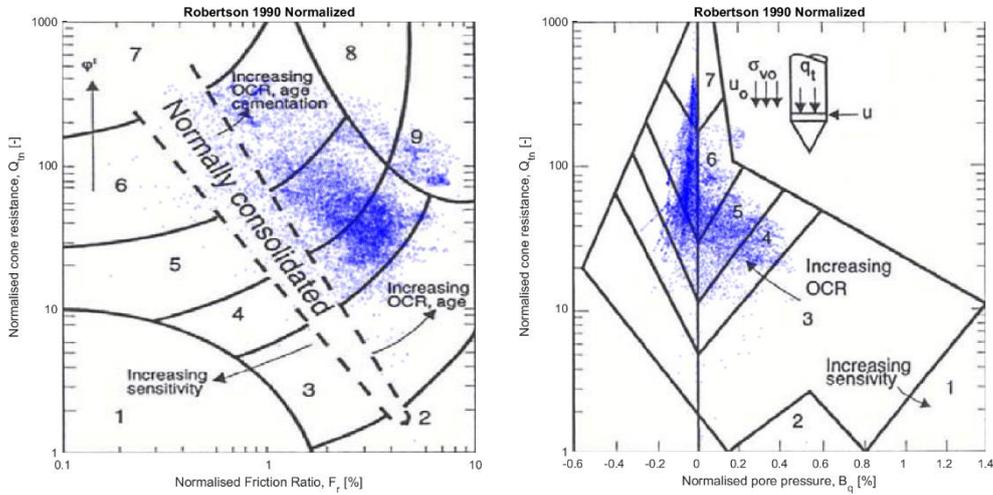


Figure B-51 Grouping of Late Saalian mix.

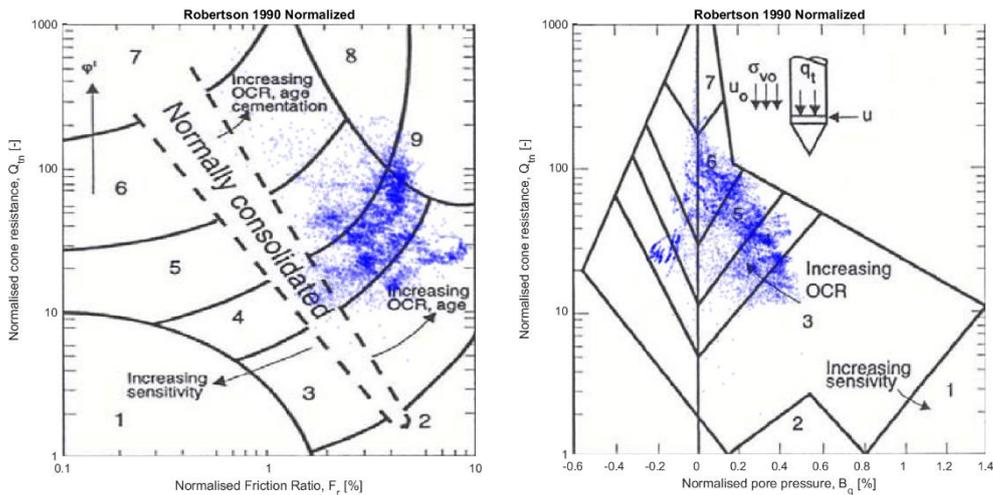


Figure B-52 Grouping of Late Saalian clay.

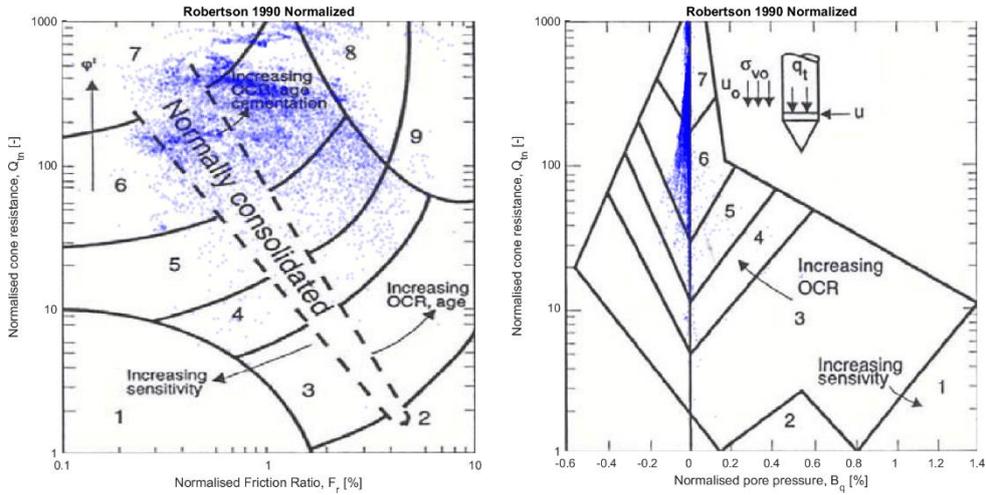


Figure B-53 Grouping of Elsterian sand.

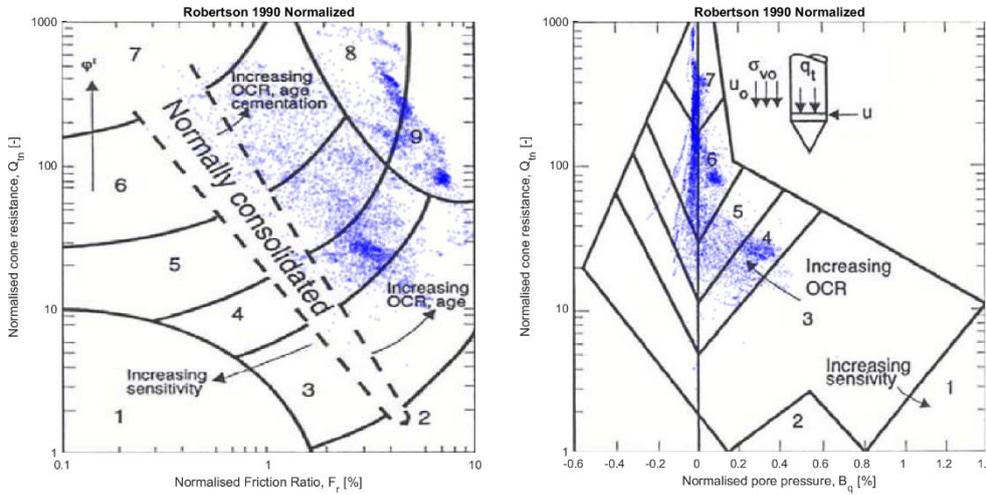


Figure B-54 Grouping of Elsterian mix.

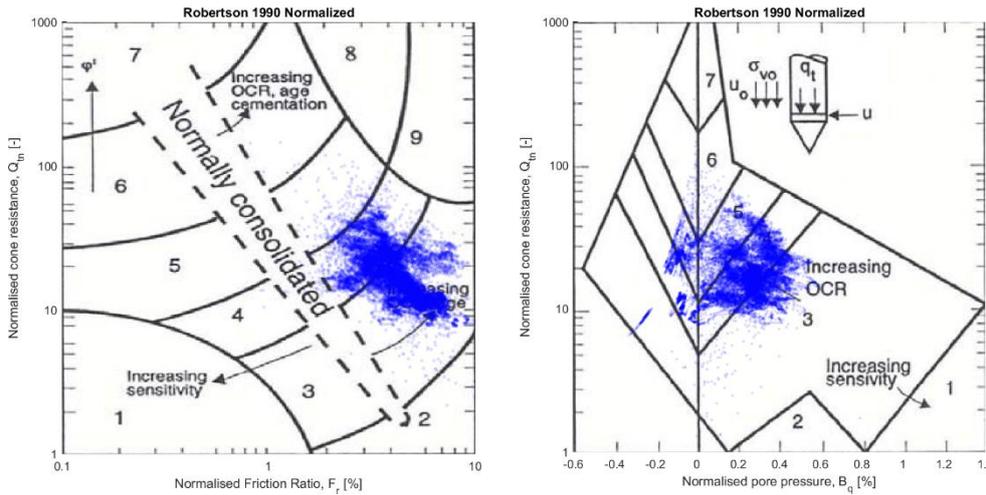


Figure B-55 Grouping of Elsterian clay.

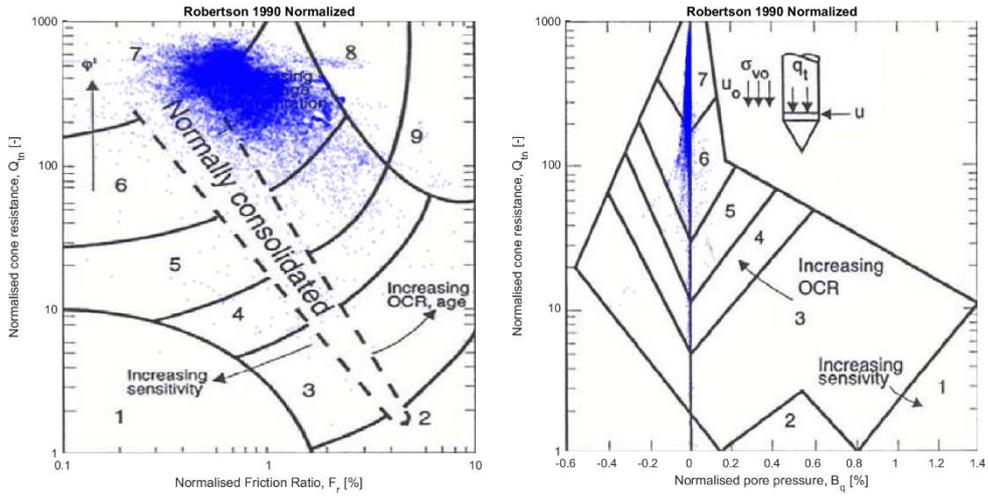


Figure B-56 Grouping of Elsterian & older sand.

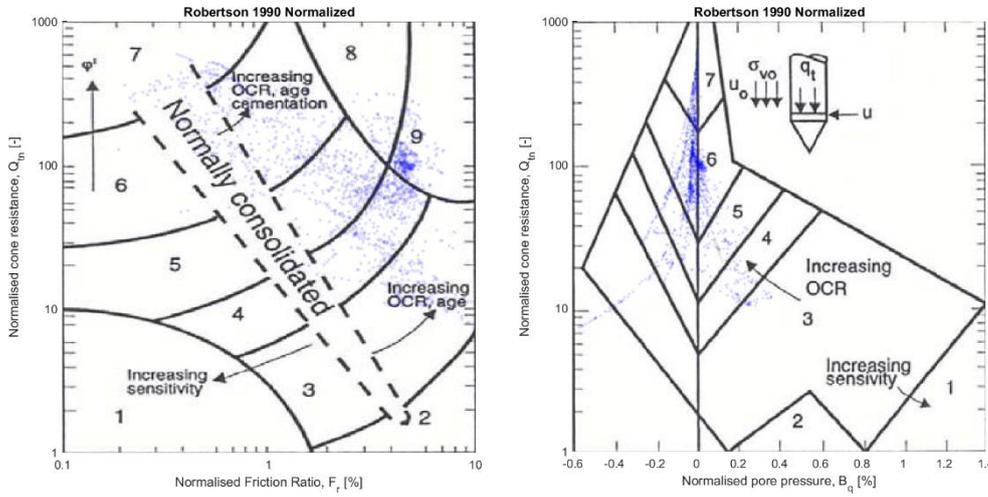


Figure B-57 Grouping of Elsterian & older mix.

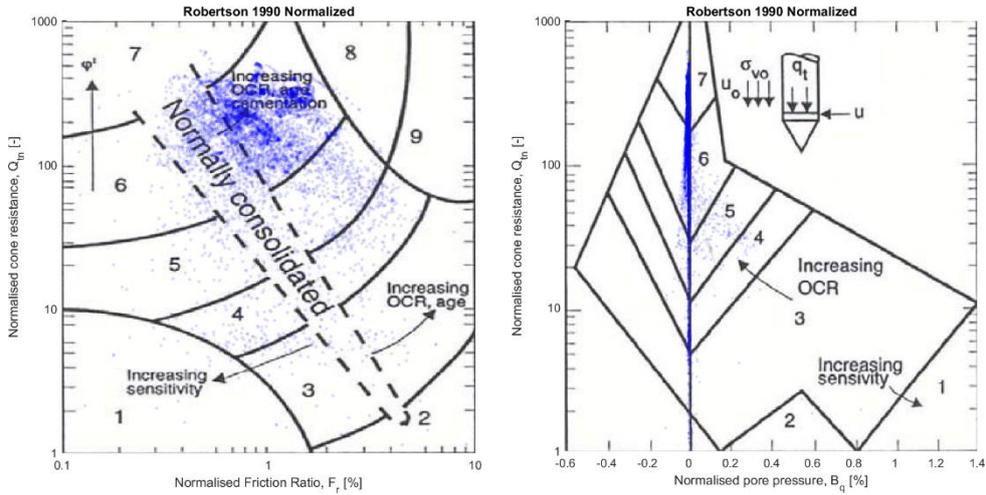


Figure B-58 Grouping of Miocene sand.

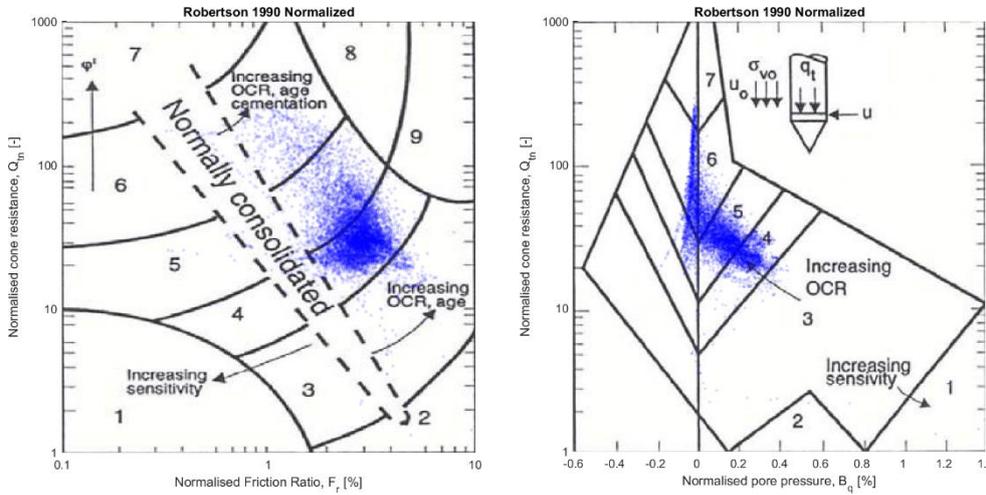


Figure B-59 Grouping of Miocene mix.

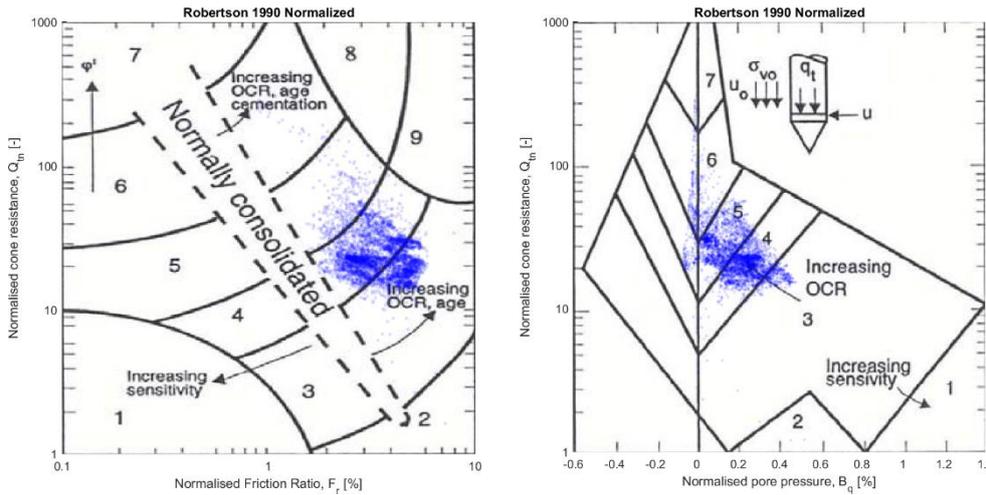


Figure B-60 Grouping of Miocene clay.