Data Repository

Cascadia subduction zone earthquakes during the latter half of the Holocene, Yaquina River estuary, Oregon, USA

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We completed reconnaissance coring at eight tidal marsh sites in Yaquina Bay in order to select one site for more detailed field work (Fig. 2B). The site selected was Sallys Bend, (Fig. 3A). In this Data Repository, we provide more detailed site locations for the ten cores at the Sallys Bend research site (Table DR1). We also provide location information (Table DR2) and core logs (Figs. DR1, DR2, DR3, DR4, DR5, DR6 and DR 7) for the seven reconnaissance core sites other than Sallys Bend. Reconnaissance core site names: JST, Johnston Slough; JS, Johnson Slough; VS, Van Eck Slough; OS, Olalla Slough; MC, Mill Creek; SL, Slack Slough.

Table DR1. Locations of cores at Sallys Bend, Yaquina River estuary

Core ID	Latitude* (decimal degrees north)	Longitude* (decimal degrees)	Y (meters)* UTM Zone 10N WGS83 datum	X (meters)* UTM Zone 10N WGS83 datum
SS-3	44.62471	-124.00487	4941753	420286
SS-5	44.62523	-124.00473	4941811	420297
SS-6	44.62472	-124.00449	4941754	420316
SS-7	44.62480	-124.00413	4941762	420345
SS-8	44.62485	-124.00363	4941767	420384
SS-9	44.62498	-124.00468	4941783	420301
SS-10	44.62550	-124.00437	4941840	420326
SS-11	44.62503	-124.00453	4941788	420313
SS-12	44.62518	-124.00455	4941804	420312
SS-13	44.62495	-124.0044	4941779	420320

* A Garmin GPS 60CSX hand-held unit was used for positions of core sites.

Table DR2. Locations of reconnaissance cores, Yaquina River estuary

Core ID	Latitude* (decimal degrees north)	Longitude* (decimal degrees)	Y (meters)* UTM Zone 10N WGS83 datum	X (meters)* UTM Zone 10N WGS83 datum
JST-1	44.62773	-124.01185	4942095	419736
JST-2	44.62806	-124.01173	4942132	419746
JST-3	44.62857	-124.01157	4942188	419759
JS-1	44.57936	-123.98923	4936700	421465
JS-2	44.57916	-123.9859	4936674	421727
VS-1	44.58385	-123.94629	4937158	424880
VS-2	44.58443	-123.94670	4937224	424848
VS-3	44.58499	-123.94770	4937287	424769
FS-1	44.57048	-123.98724	4935712	421611
OS-1	44.61185	-123.92443	4940249	426651
OS-2	44.61656	-123.92585	4940773	426544
OS-3	44.61191	-123.92507	4940256	426600
OS-4	44.61177	-123.9238	4940239	426701
OS-5	44.61149	-123.92442	4940209	426650
OS-6	44.61106	-123.92416	4940161	426671
OS-7	44.61061	-123.9236	4940110	426711
MC-1	44.5855	-123.90224	4937297	428378
MC-2	44.58543	-123.90236	4937294	428369
MC-3	44.58545	-123.90261	4937297	428349
MC-4	44.58548	-123.90285	4937301	428330
SL-3	44.59458	-123.91132	4938319	427670

* A Garmin GPS 60CSX hand-held unit was used for positions of core sites.

Johnston Slough

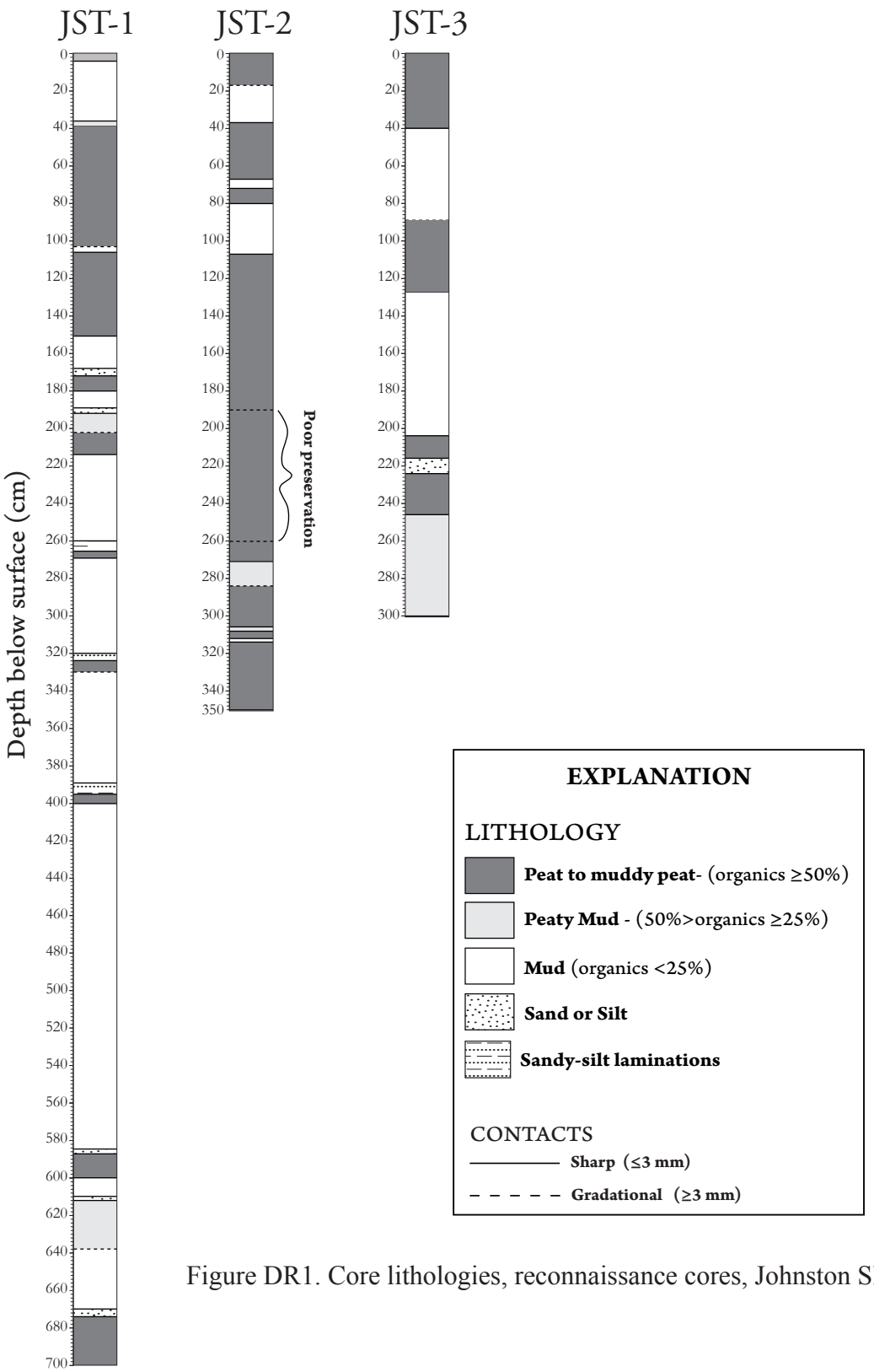


Figure DR1. Core lithologies, reconnaissance cores, Johnston Slough

Johnson Slough

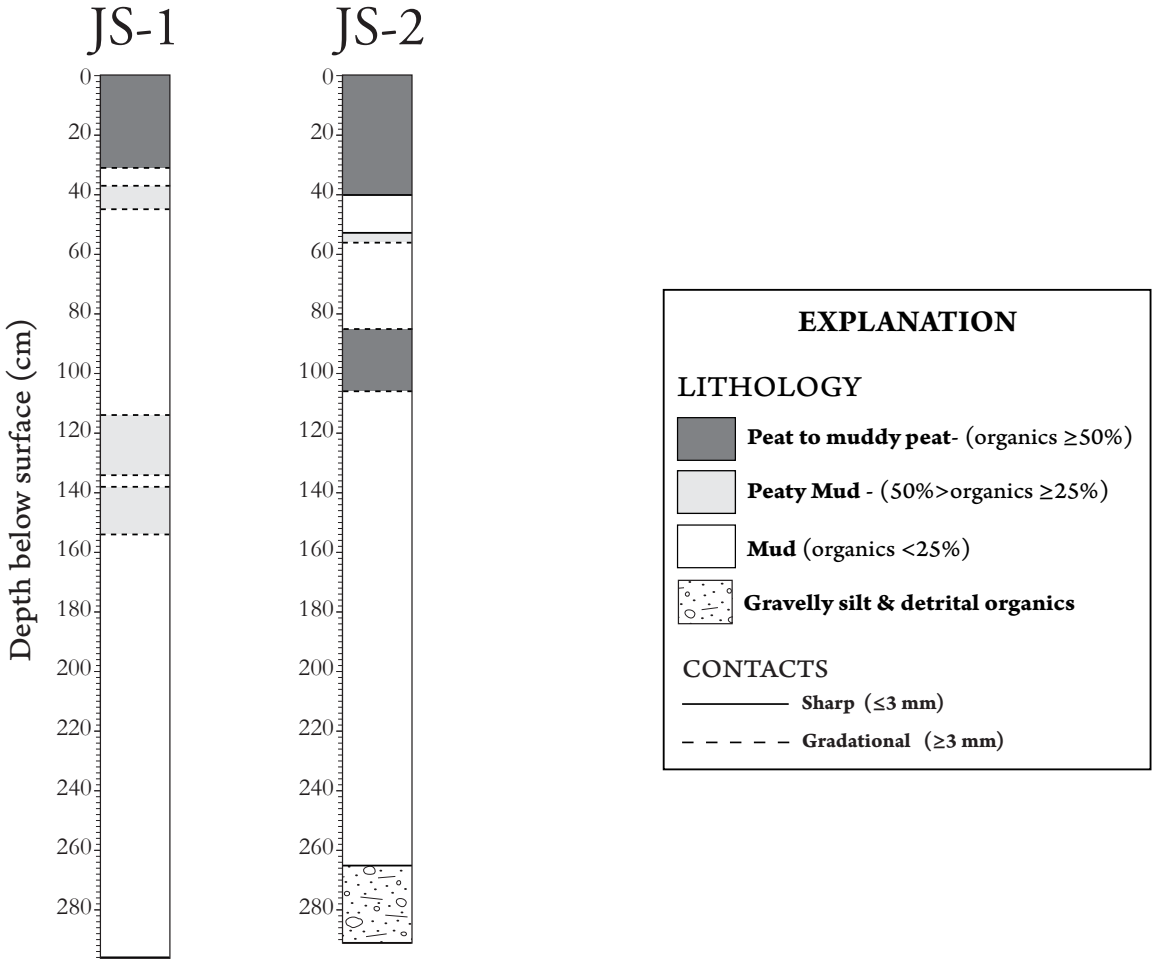


Figure DR2. Core lithologies, reconnaissance cores, Johnson Slough

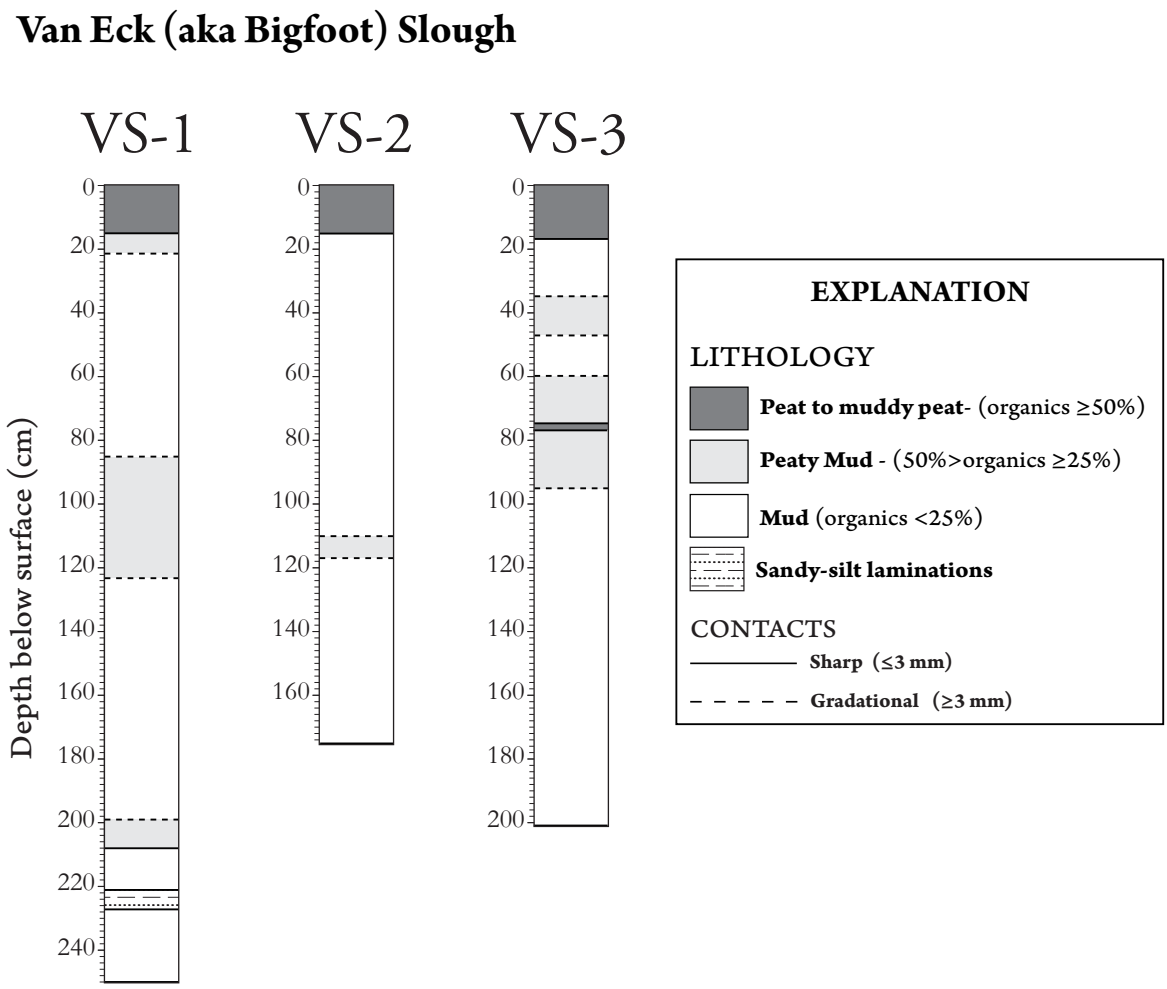


Figure DR3. Core lithologies, reconnaissance cores, Van Eck Slough

Flesher (aka McIntyre's) Slough

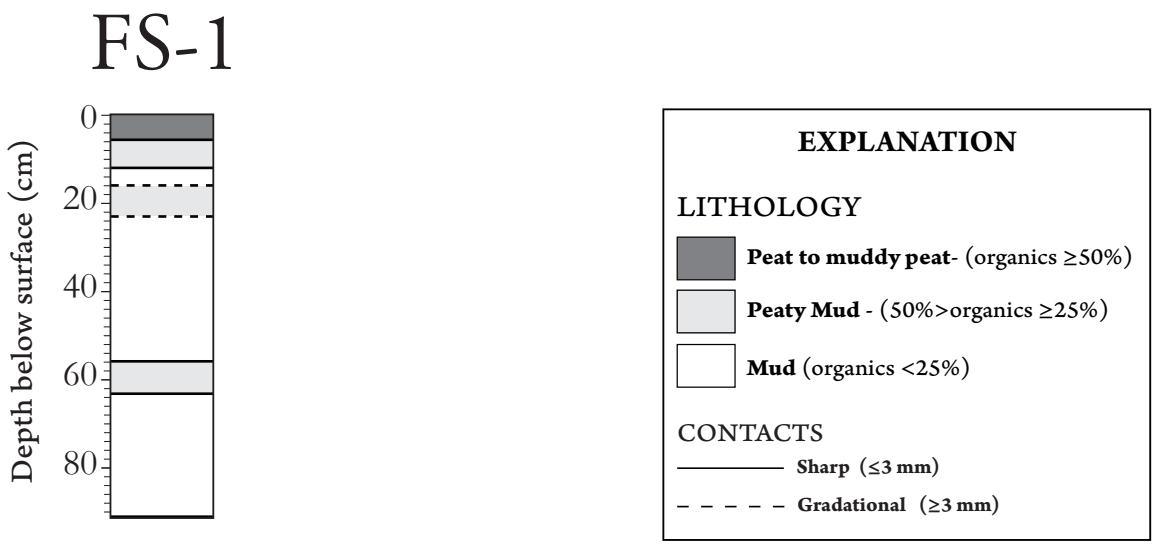


Figure DR4. Core lithology, reconnaissance core, Flesher Slough

Olalla Slough

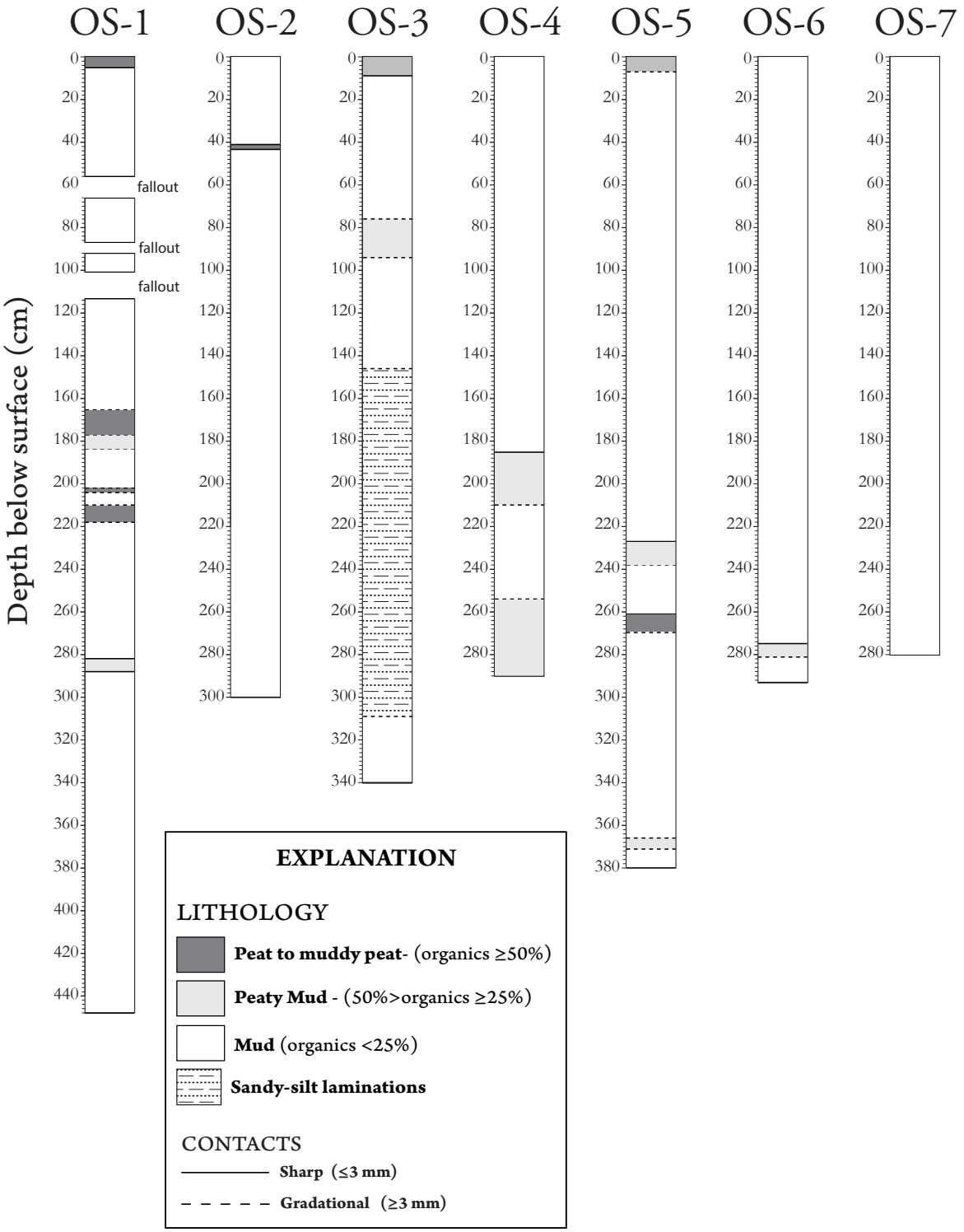
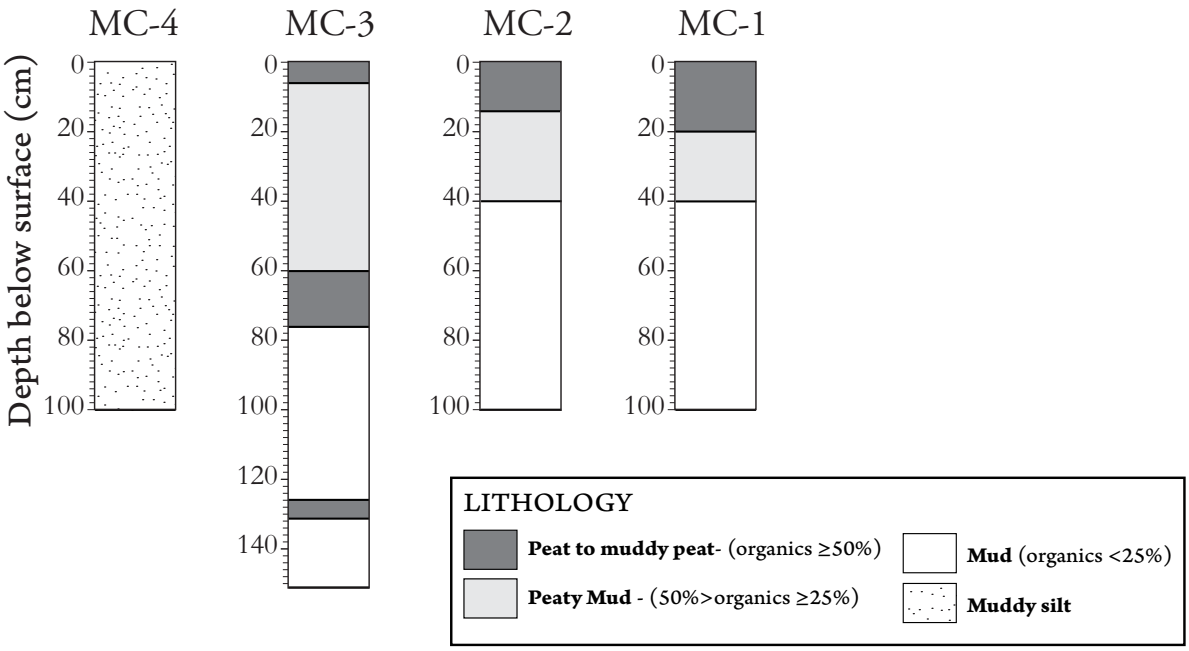


Figure DR5. Core lithologies, reconnaissance cores, Olalla Slough

Mill Creek



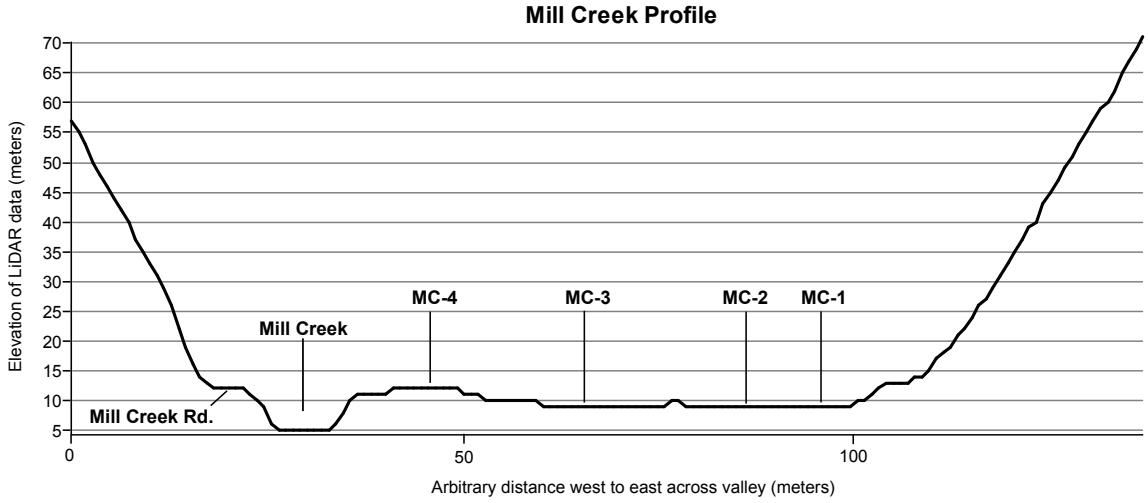


Figure DR6. Core lithologies, reconnaissance cores, Mill Creek

Slack Slough

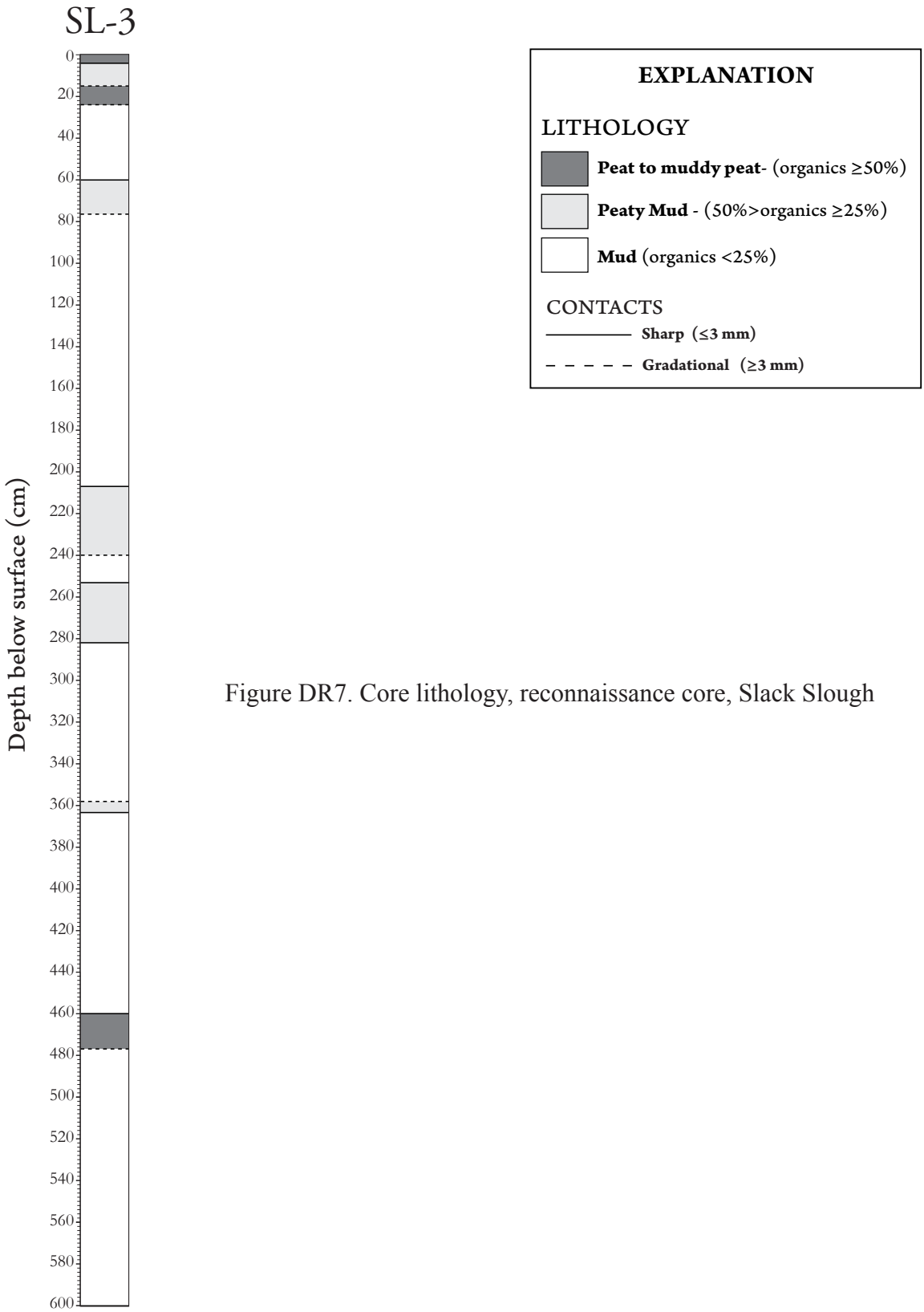


Figure DR7. Core lithology, reconnaissance core, Slack Slough