Supplementary: Core loggings in the Labu peatland, Temburong, Brunei Darussalam

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Coring Site: TB1
Co-ordinates: 4°45'15.6"N 115°09'58.0"E (4.754340, 115.166110)
Altitude: +1 m
Vegetation: low, open vegetation, sparse Cyperaceae (Cyperus platystylis, Cyperus sp.)

Depth (cm)
0 - 10 peat, hg6, plant remains 3 / telmatic / light brown greyish
10 - 60 clayey mud, plant remains 2 / limnic? / dark brown greyish
60 - 70 peaty mud; hg6, plant remains 2 / limnotelmatic / dark brown
70 - 100 peat, hg7, plant remains 1 / telmatic / dark brown
100 - 130 clayey mud / limnic? / dark grey
130 - 150 clay, dry, compact / limnic / dark grey
Remarks: water level at the surface

Coring Site: TB2
Co-ordinates: 4°45'51.4"N 115°10'56.8"E (4.764270, 115.182450)
Altitude: +2 m
Vegetation: jungle forest

Depth (cm)
0 - 5 peat, hg6, plant remains 3 / telmatic / dark brown
5 – 14 clayey mud / limnotelmatic / light brown greyish
14 - 60 alternations clayey mud and peat
60 - 100 peat, hg7, plant remains 2 / telmatic / light brown
100 - 159 clayey mud, plant remains 1 / limnotelmatic / dark brown greyish
159 - 178 clay, plant remains 1 / limnic / dark brown greyish
178 - 195 sandy silt, mollusc shells fragments 2

Coring Site: TB3
Co-ordinates: 4°45'52.3"N 115°10'57.4"E (4.764530, 115.182620)
Altitude: +2 m
Vegetation:

Depth (cm)
0 - 10 peat, hg6, plant remains 3 / telmatic / dark brown
10 - 15 peaty mud, plant remains 2 / telmatic / dark brown
15 - 150 clayey mud, plant remains 1 / limnotelmatic / dark grey brownish
150 - 220 clay, occasionally clayey mud / limnic, limnotelmatic /dark grey
220 - 240 sandy silt / whitish
240 - 250 sand (sandstone chips) / fluvial? / whitish
Remarks: water level at -5 cm, water pH 3.3

Coring Site: TB4
Co-ordinates: 4°45'01.0"N 115°09'44.2"E (4.750290, 115.162270)
Altitude: ±0 m
Vegetation: low, open vegetation

Depth (cm)
0 - 10 clay mud, modern roots / dark grey brownish
10 - 100 clay, plastic, upper part humic, lower part clayey silt / limnic / dark grey

Coring Site: TB5
Co-ordinates: 4°44'49.5"N 115°09'01.4"E (4.747070, 115.150380)
Altitude: +4 m
Vegetation: Cyperaceae (*Cyperus platystylis, Cyperus sp*.), few ferns

Depth (cm)
0 - 133 peat, hg7, plant remains 2 / telmatic / dark brown reddish
133 - 150 clayey mud / limnotelmatic / dark grey brownish
150 - 280 alternations of clayey mud and clay layers, bottom 30 cm silty clay / limnotelmatic / dark grey brownish
280 - 350 clay, plastic, plant remains 1 / limnic / dark grey
Remarks: water level at -25 cm

Coring Site: TB6
Co-ordinates: 4°44'30.4"N 115°08'23.3"E (4.741790, 115.139810)
Altitude: +2 m
Vegetation: at the border of a rice paddy to non-cultivated land

Depth (cm)
0 - 8 peat, hg7, dry / telmatic / dark brown
8 - 75 peat, hg6, plant remains 2 (woody tissues) / telmatic / dark brown reddish
75 - 105 peaty mud, plant remains 2 / telmatic / dark brown
105 - 150 clayey mud, plant remains 1 (woody tissues) / limnotelmatic / dark brown greyish
150 - 200 ditto
200 - 450 clay, plastic, plant remains 1, bottom mollusc shells 1/ limnic / light grey
450 - 550 sandy silt, mollusc shells 1
Remarks: water level at -30 cm

Coring Site: TB7
Co-ordinates: 4°46'00.2"N 115°10'37.7"E (4.766720, 115.177150)
Altitude: +2 m
Vegetation: jungle forest

Depth (cm)
0 - 50 peaty mud, in parts alternations with clay mud layers, plant remains 1 (woody tissues) / dark grey brownish
50 - 100 clayey mud; plant remains 1 (woody tissues) / limnotelmatic / dark grey brownish
100 - 280 clay / limnic / dark grey

Coring Site: TB8

Co-ordinates: 4°46'00.2"N 115°10'37.0"E (4.766710, 115.176930)
Altitude: +2 m
Vegetation: jungle forest

Depth (cm)
0 - 100 peaty mud, in parts alternations with clay mud layers; plant remains 1 (woody tissues) / limnotelmatic / dark grey brownish
100 - 200 clay, plastic / limnic? / dark brown greyish
Remarks: water level at the surface

Coring Site: TB9
Co-ordinates: 4°45'41.1"N 115°10'08.5"E (4.761410, 115.169030)
Altitude: +2 m
Vegetation: forest, close to the bridge

Depth (cm)
0 - 80 peat, hg6, plant remains 3 / telmatic / dark brown
80 - 90 peaty mud, in parts alternations with clay mud layers, plant remains 2 / dark grey brownish
90 - 100 clayey mud; plant remains 1 / limnotelmatic / dark grey brownish
100 - 180 clay / limnic? / dark brown greyish

Coring Site: TB10
Co-ordinates: 4°45'42.1"N 115°10'07.8"E (4.761690, 115.168830)
Altitude: +2 m
Vegetation: jungle forest

Depth (cm)
0 - 25 peat, hg6 at the top, hg7 at the bottom, plant remains 1 / telmatic / dark brown
25 - 91 peaty mud in parts alternations with clay mud layers; plant remains 1 (woody tissues at the bottom) / limnotelmatic / dark grey brownish
91 - 102 clayey mud; plant remains 1 (woody tissues) / limnotelmatic / dark grey brownish
102 - 120 clay, plant remains 1 / limnic? / dark grey
120 - 150 sandy silt, plant remains 1 / fluvial? / dark grey
Remarks: water level at -5 cm, water pH 4.2