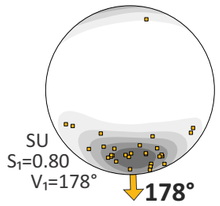
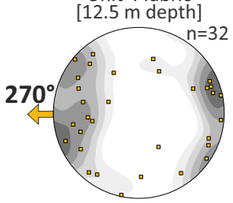
Section 112-16-416 / 112-17-505 (composite)
Unnamed tributary of the Echoing River
Elevation (top): 114 m asl
NAD83 UTM 15N: 6191871N, 564895E

Ice-flow data

Unit 7 fabric
[5.2 m depth]



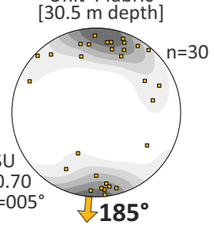
Unit 4 fabric
[12.5 m depth]
n=32



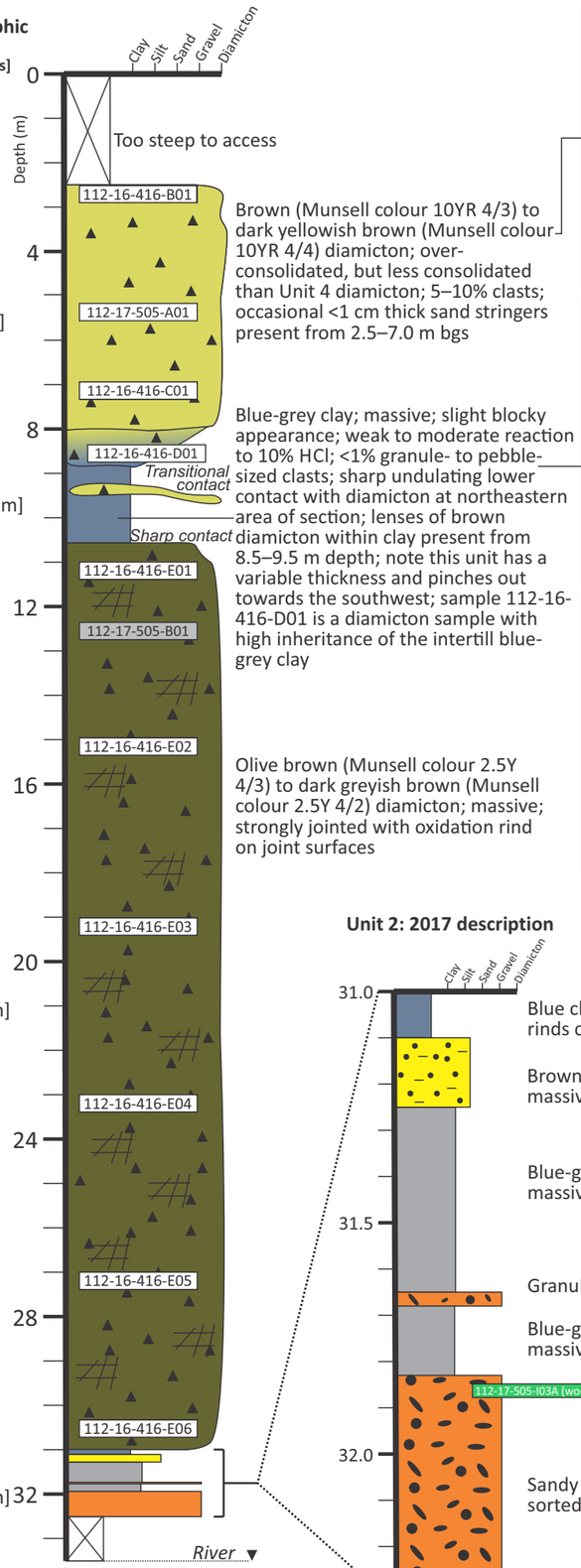
SU; S_1=0.56; V_1=270°

276°;
lodged cobble;
19.0 m depth

Unit 4 fabric
[30.5 m depth]
n=30



Stratigraphic unit [thickness]



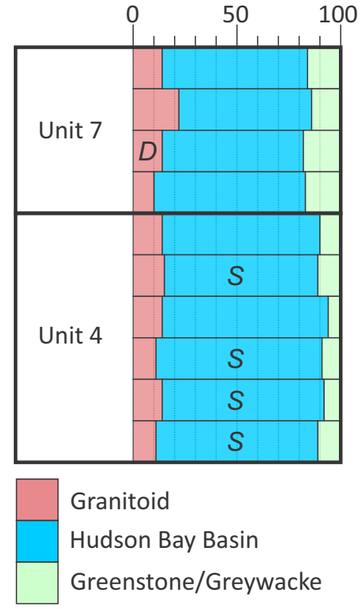
7 [5.5 m]: Brown (Munsell colour 10YR 4/3) to dark yellowish brown (Munsell colour 10YR 4/4) diamicton; over-consolidated, but less consolidated than Unit 4 diamicton; 5–10% clasts; occasional <1 cm thick sand stringers present from 2.5–7.0 m bgs

5 [0.0–2.5 m]: Blue-grey clay; massive; slight blocky appearance; weak to moderate reaction to 10% HCl; <1% granule- to pebble-sized clasts; sharp undulating lower contact with diamicton at northeastern area of section; lenses of brown diamicton within clay present from 8.5–9.5 m depth; note this unit has a variable thickness and pinches out towards the southwest; sample 112-16-416-D01 is a diamicton sample with high inheritance of the intertill blue-grey clay

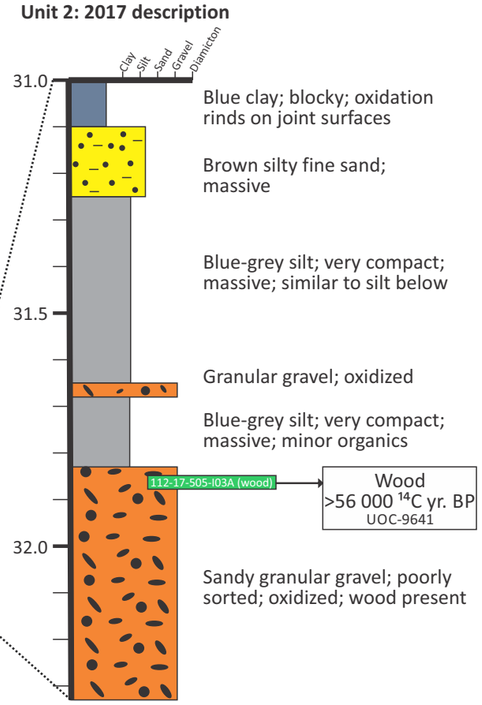
4 [20.5 m]: Olive brown (Munsell colour 2.5Y 4/3) to dark greyish brown (Munsell colour 2.5Y 4/2) diamicton; massive; strongly jointed with oxidation rind on joint surfaces

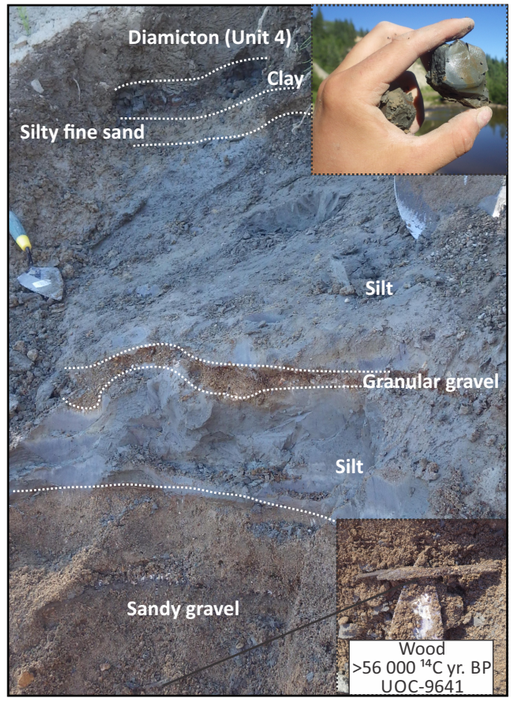
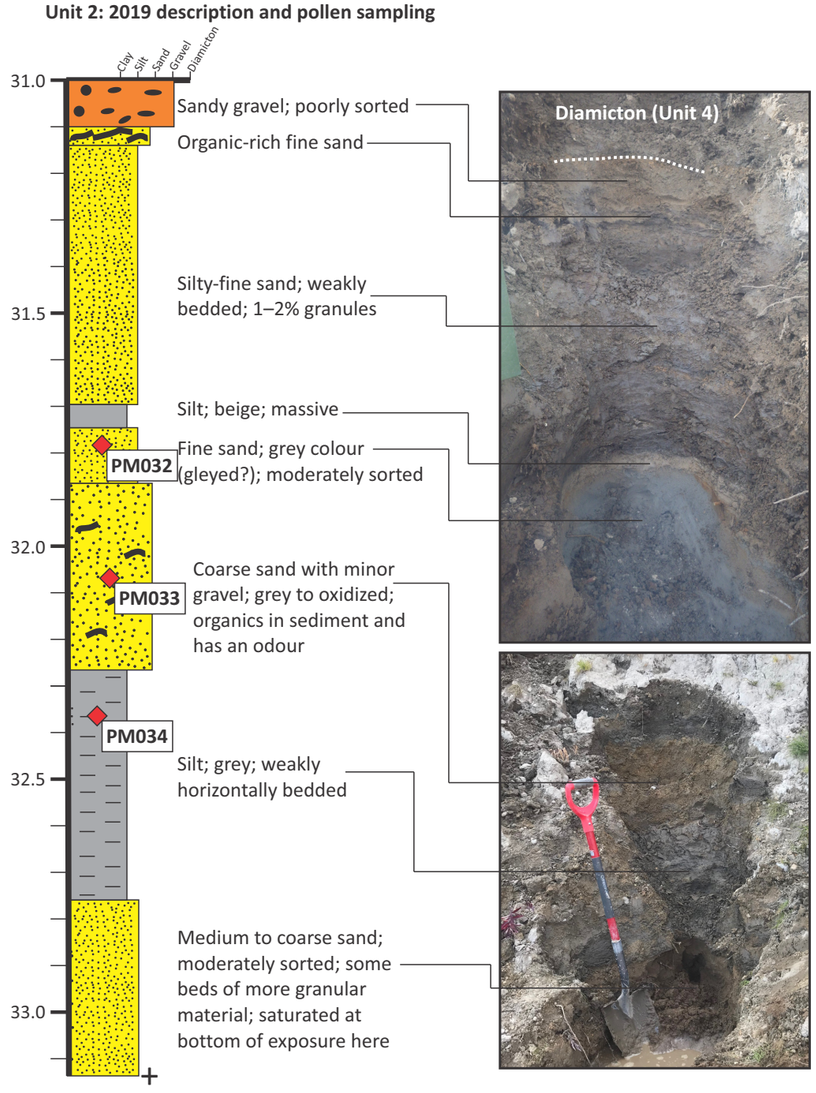
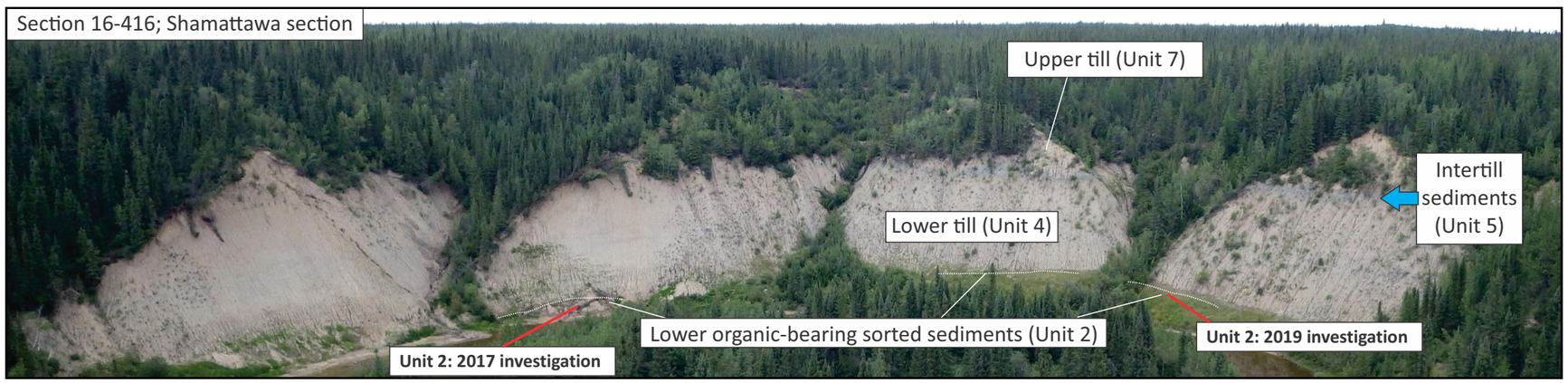
2 [2.1+ m]: Sandy granular gravel; poorly sorted; oxidized; wood present

Simplified till clast-lithology (ct. %)



Unit 2: 2017 description





Unit 2: 2019 description and pollen sampling