Section 14115MT435

Subvertical, Churchill River
Elevation: 175 m
Latitude: 57.729 N Longitude: -95.460 W
Overlies Precambrian shield
Situated 9 km west of the Paleozoic platform

Till-matrix total carbonate

Till-matrix texture

Till-clast lithology

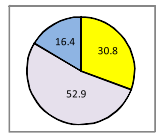
Depth (m)

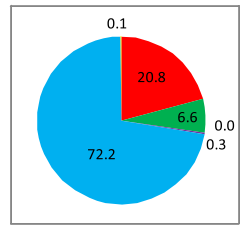
Increased carbonate

(14115MT435A01)

Massive, grey-brown, slightly blocky diamict with 10-15% clasts and a clayey sandy silt, calcareous matrix.

48.47%



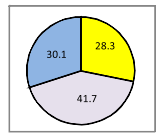


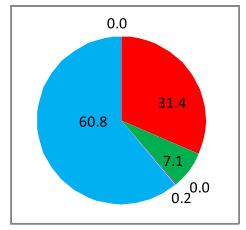
Increased granitiod, greenstone

(14115MT435A02)

Massive, grey-brown, dense, blocky diamict with 10-15% clasts and a sandy clayey silt, calcareous matrix.

31.89% shell fragment



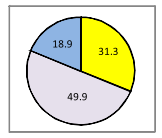


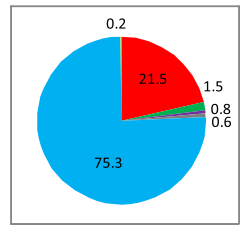
Increased carbonate

(14115MT435A03)

Massive, grey-brown, dense, blocky diamict with 10-15% clasts and a clayey sandy silt, calcareous matrix.

47.70%





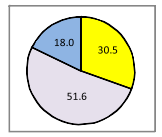
Carbonate clast ct. %
Pink carbonate clast ct. %
Exotic eastern clast ct. %
Granitoid clast ct. %
Greenstone clast ct. %
Exotic northern clast ct. %
Sand wt%
Silt wt%
Clay wt%

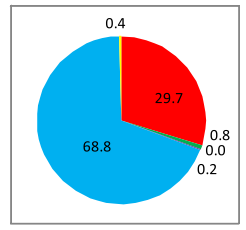
Till

(14115MT435A04)

Massive, grey-brown, dense, blocky diamict with 10-15% clasts and a clayey sandy silt, calcareous matrix; manganese staining on some joint surfaces.

51.66%



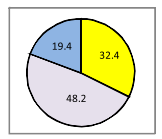


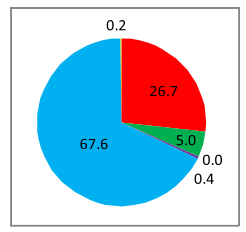
Till

(14115MT435B01)

Massive, grey, dense, blocky diamict with 5-10% clasts; clayey sandy silt, calcareous matrix; manganese staining on joint surfaces; rare sand and gravel or sand stringers.

43.17%





obscured

?

Bedrock

Outcrops in middle of river

Granite

Clay
Silt
Sand
Gravel