## Thesis appendix 2.3: fieldwork

**11th March 2019**

**Ammons Hill**

Recon of section for dig and any possible outcrop. Access assessed, found to be good. Railway cutting mostly clear at this time of year (fig. a). Some outcrop of Freshwater West formation but all red beds (fig. b)

Also visited **Tin Mill Race.** Access gained, no samples taken.

**15 – 18th, 20th July 2019**

**Ammons Hill SO 7020 5298**

14.5m long, 0.68m deep trench dug from 70200, 52994.

Missed Ap. Sp. E zone, started too low in sequence; ‘lost in the Pridoli’, too far below brockhampton fault. Bad GPS readings despite repeated verifications.

Collected seven samples from sequence, fine sandstones.

Stream sectioned mentioned was also explored: overgrown and appears to be used for sewage runoff. Two samples taken where possible: 003.1 at 6978, 52797 and 004 at 6890, 52780.

Collected samples AH001 – AH005. [no spores recovered].

**19th July 2019**

**M50 lane at SO 65495 27060.**

Visited M50 motorway in attempt to find outcrops. No outcrops along motorway, but lane cutting to the north of the motorway exposes a long sequence of the Freshwater West formation. Lane near Marsh Farm at SO 65495 27060.

**16th September 2020**

**Sapey Common.**

Explored fall dingle. Long sections of freshwater west formation exposed with waterfalls. Some Moor Cliffs exposed.

Samples S001 – 006 collected.

**1 – 2nd October 2020**

**Anglesey (SH 49349 87698)**

Traeth Ligway beach (Devonian section)

Samples AN001 – 006 [barren] collected from beach sections.

Also investigated area around Fedw Uchaf (where Devonian rests unconformably on Precambrian basement). No samples recovered from this area.

**7th November 2020**

**Monkhopton and Hudwick Dingle (SO 62741 93151)**

Logged up Hudwick Dingle to foot bridge.

Samples MO001 – MO007 collected [barren]. Also looked into Sudford Dingle but no horizons sampled.

**27 – 28th March 2021**

**Sapey Common (SO70123 64833)**

Exploring dingles along edge of Bromyard Platau. Temple Dingle to Sapey Brook. Good sections of freshwater West formation exposed. Rare exposure of Moor Cliffs exposed.

Samples SO007 – 016 collected.

[samples mostly barren; productive samples from Temple Dingle and Witchery Hole].

**22nd October 2021**

**British Geological Survey, Keyworth**

Sampling of Rumney and Usk boreholes from KW corestore.