

TRENCH ①

East Dawson - trench one ENE wall

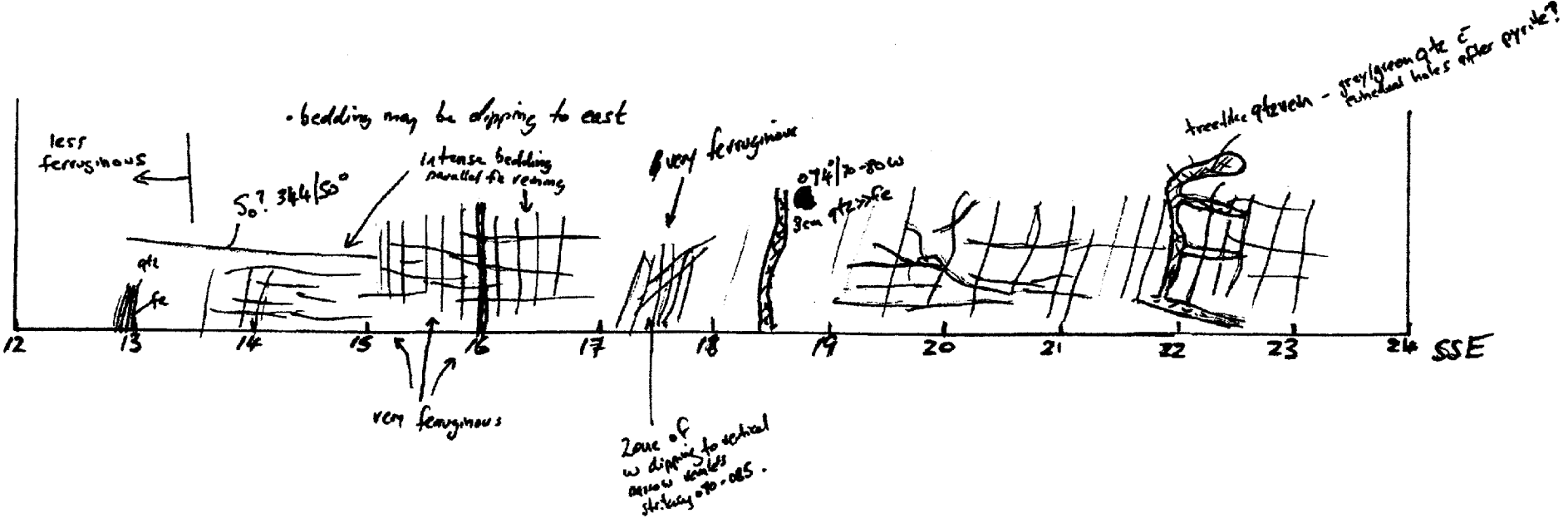
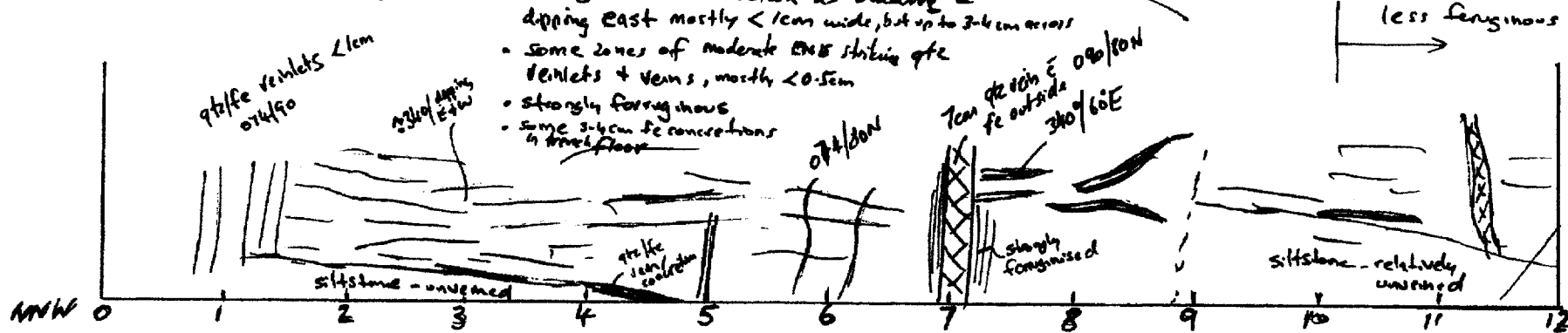
← 340°
4703N

- Bedding strikes 340-355° dipping 36° SW at Onches
- Cleavage, developed in Siltstones 346/steep SW 60° NW

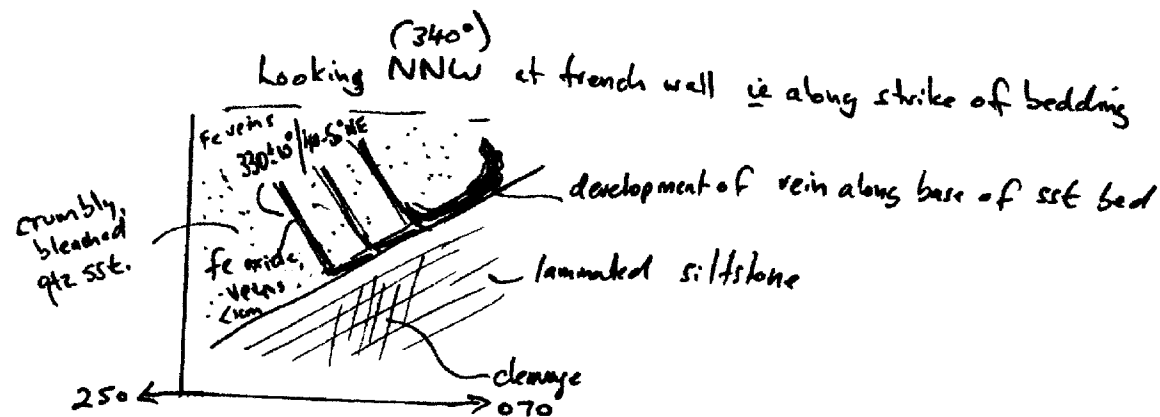
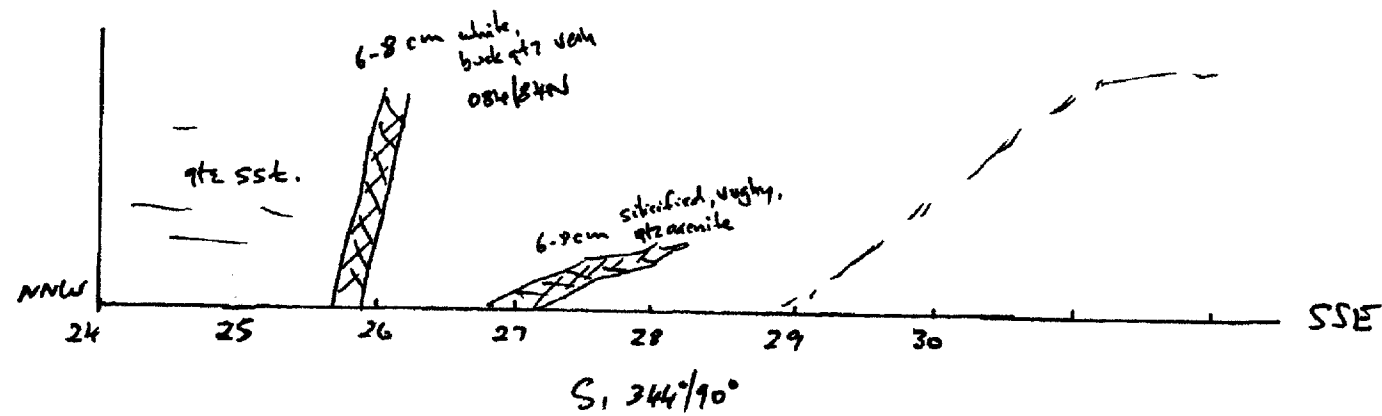
① to 10 metres

- predominantly sub-horizontal iron oxide veins striking in same direction as bedding & dipping east mostly < 1cm wide, but up to 3-4cm across
- Some zones of moderate cross striking qtz veinlets & veins, mostly < 0.5cm
- strongly ferruginous
- some 3-4cm Fe concretions in lower floor

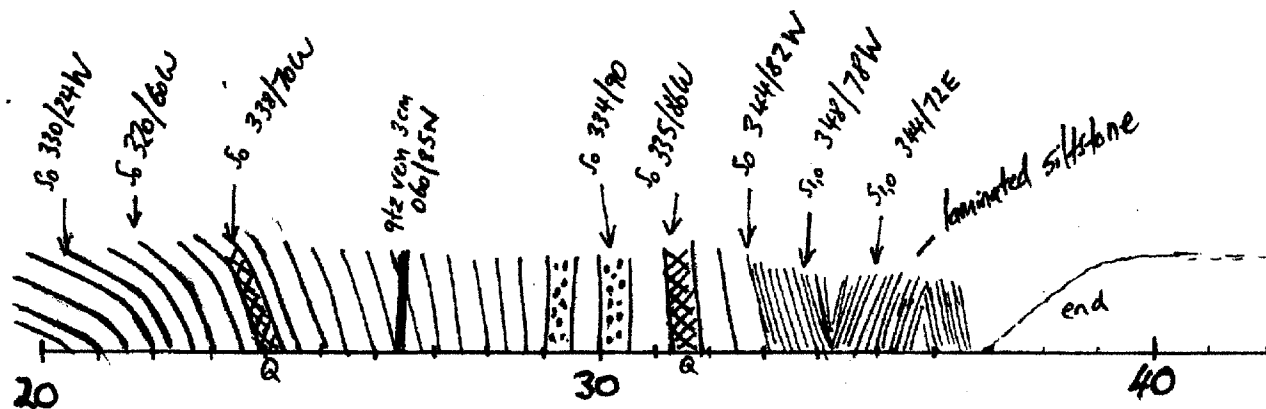
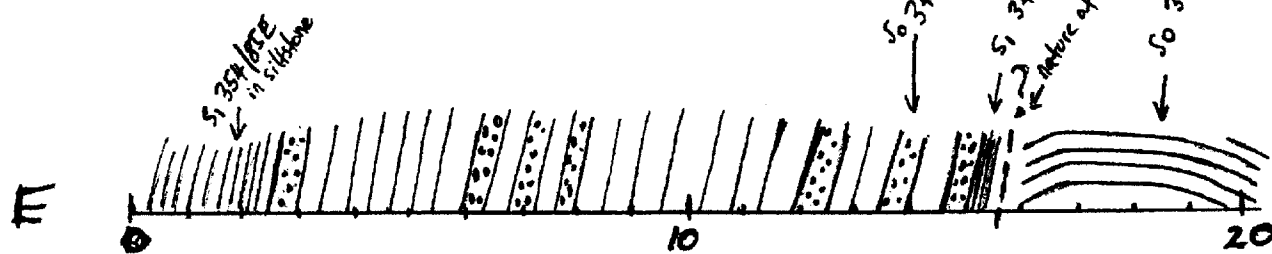
- Interbedded fissile, sub-laminated pale cream grey & darker bands (Fe) siltstone & pale grey cream, bleached qtz granite to qtzite with much iron oxide veining & staining in first 10 metres of trench.
- Sandstone has a crumbly texture.
- Sandstone is predominant in ENE wall



TRENCH ① cont.



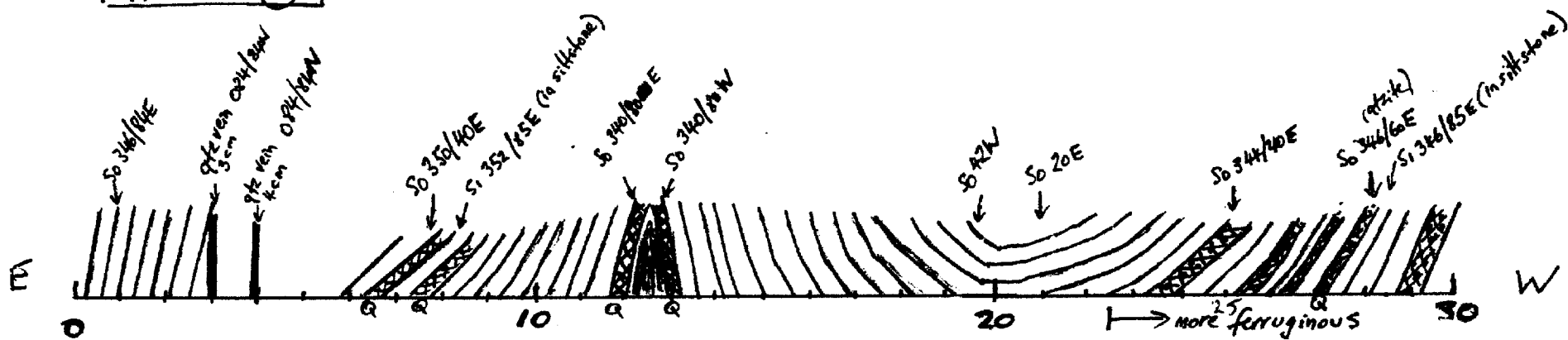
TRENCH ⑥



- | qtz vein
- Q very hard, silicified units - qtzite
- ||||| very ferruginous units

• Sequence consists of interbedded sandstone & siltstone units (may be part of same Baume Sequence). Sandy units 20 to 50 cm, silty units 10-20 cm thick). Sandy units are hard white sandstones with prominent secondary mica. In places, the sst is ferruginous, containing veinlets of iron oxide (now). Especially ferruginous from 2 to 15 metres along trench, most ferruginous at 6 to 8 metres.

TRENCH (7)



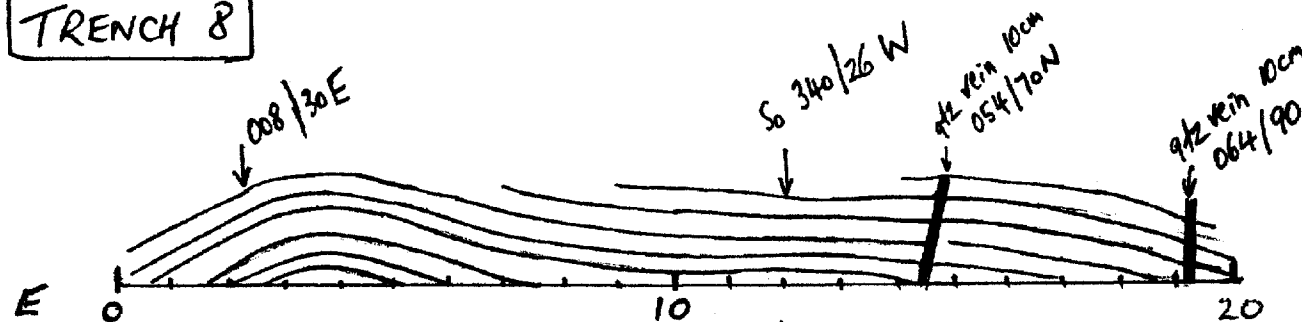
1 - qtz veins

2 - very hard, silicified units - quartzite

3 - very hard micaceous sst ± Fe veinlets

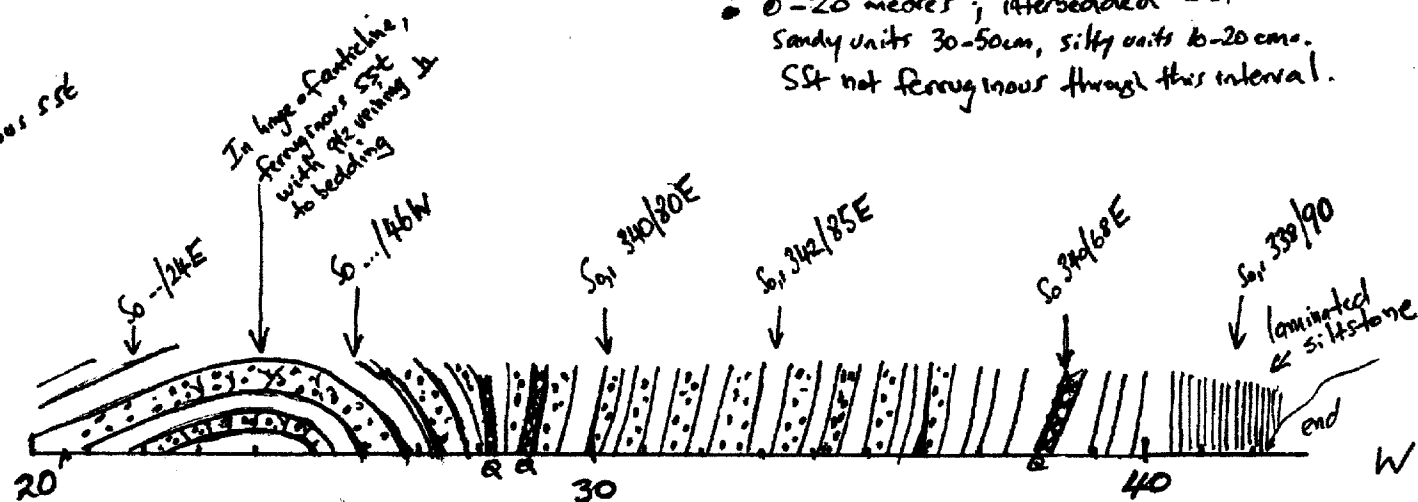
- Sequence consists of well-bedded turbidites with thickness varying from 30-50 centimetres. Predominantly white sandstone fining upwards to silt. Silty part mostly ≤ 15 centimetres. Sandy part forms up to 90% of individual beds and has prominent secondary mica flakes up to 2mm across.
- From about 17 metres, sandstones become more ferruginous, especially from about 22 metres to end of trench. In the hardest sandstone, there are parallel veinlets of iron, in places similar to lieegang rings.

TRENCH 8

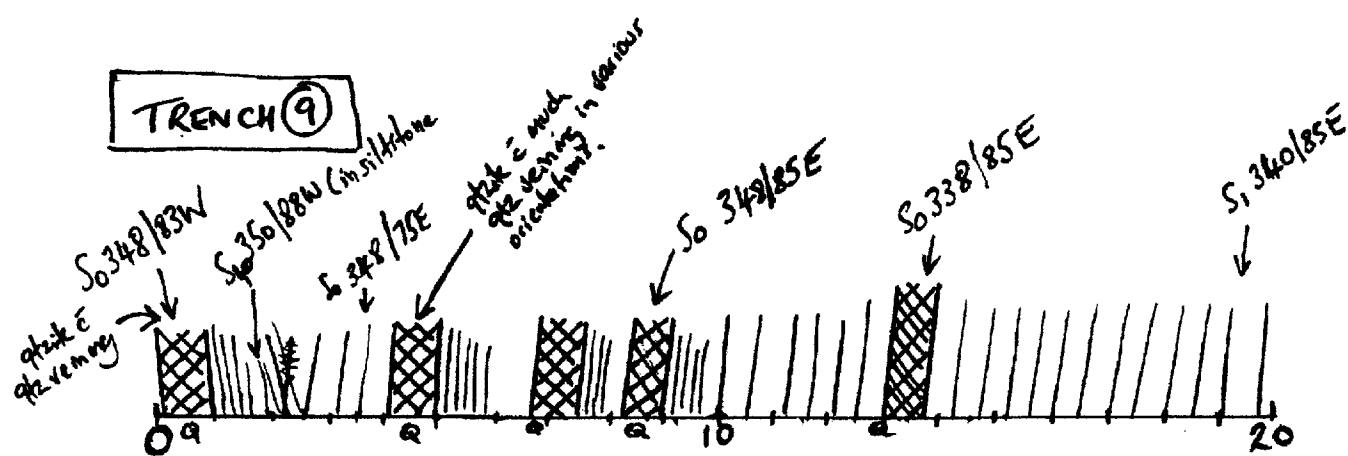


- 0-20 metres ; interbedded white micaceous sst & siltstones
Sandy units 30-50cm, silty units 10-20cm.
Sst not ferruginous through this interval.

| - qtz
 ▨ - qtzite
 ▤ - ferruginous micaceous sst
 c Fe veinlets



- 20-40 metres predominantly sandy units - white micaceous sst with Fe veinlets.
 becoming siltier, sandy units peter out



- 0-15 metres
interbedded hard white, micaceous sst & siltstone. Some very hard qtz-veined qtzite units - trench only 1/2-1 metre deep & qtz-veined boulders on surface.

- 15-20 metres
Interbedded hard white micaceous sst & siltstone similar to other trenches - not much Fe.

- 20-35 metres.
As above, predominantly sandy units. Some ferrug. units but not as prominent as in trench ⑧ etc.

- 35-40
Increasingly silty; laminated siltstone near end.

