



CENTRE FOR ANTHROPOLOGICAL RESEARCH



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RE: Geological Samples for Export - Flowstone rock samples from Drimolen for U-Pb dating

Flowstone Samples:

1. **FS1** – Flowstone sample

Location: Northern side of main quarry against the dolomite wall.

Survey: E 198.6425; N193.4089; Ht -2.8920 (top of flowstone block)

Pics: FS1-1 to FS1-2, see below



2. **FS2** – Flowstone sample

Location: Northern side of main quarry against the dolomite wall, few meters east of FS1.

Survey: E197.6578; N194.1485; Ht -1.6407 (central point)

Pics: FS2-1 to FS2-2, see below



3. **FS3**– Flowstone sample (two pieces)

Location: Northern side of main quarry against the dolomite wall, few meters east of FS1 and just above FS2

Survey: E197.4981; N193.9146; Ht -1.0879 (central point)

Pics: FS3-1, see below



4. **FS4**– Flowstone sample

Location: Just below the siltstone in the southwestern part of the main quarry. This is at the lower cave entrance.

Survey: E213.0392; N202.9175; Ht -5.8247 (central point)

Pics: FS4-1 – FS4-2, see below



5. **FS5** – Flowstone sample

Location: In the northwest entrance cut just out of the main quarry on the path towards the trench. Could only survey to the backsight nail as the point cannot be seen from DML1.

Notes: Possibly a stalagmitic boss

Survey: E ~214; N ~184; Ht ~-1.3 (point estimated from BS pin)

Pics: FS5-1 – FS5-2, see below



6. **FS6** – Flowstone sample

Location: At top of pinnacle on the western side of the main quarry. Just north of the witness section.

Notes: Ceiling stalactite within breccia at top of pinnacle.

Survey: E 214.5713; N194.2231; Ht +1.0952 (central point)

Pics: FS6-1 – FS6-2, see below



7. **FS7** – Flowstone sample (3 small pieces)

Location: Just above rim pool in trench. This is west of the main quarry.

Notes: Stalactite above rim pool.

Survey: E 225.0426; N197.3784; Ht + 2.8618 (central point)

Pics: FS7-1 – FS7-2, see below



8. **FS8** – Flowstone sample

Location: Just west of DML3 beacon and below breccia before the sinkhole

Notes: stalacmitic boss

Survey: E ~264; N~201; 3 meters below the height of DML3 (central point)

Pics: FS8-1 – FS7-2, see below



9. **FS9** – Flowstone sample

Location: Just west of DML3 beacon and below breccia before the sinkhole

Notes: stalacmitic boss

Survey: E212.9152; N187.5897 Ht -0.5614

Pics: below



10. **DNFS10** – Flowstone sample

Location: Western Wall of Main Quarry, west of main pinnacles.

Survey #	East	North	Height
DNFS10-1	215.1302	199.8560	-0.9413

Pics:



11. **DNFS11** – Flowstone sample (flowstone sample 10 fits onto this larger piece)

Location: Western Wall of Main Quarry, west of main pinnacles.

Survey: East North Height
DNFS11-1 215.1220 199.8930 -0.8783

Pics: see below



12. **DNFS12**– Flowstone sample

Location: In small cave, above entrance to lower cave,

Survey: East North Height
DNFS12-1 214.1038 203.6615 -3.3116



13. **DNFS13**– Flowstone sample

Location: Western Wall of Main Quarry, west of main pinnacles.

Survey:	East	North	Height
DNFS13-2	216.5269	196.8499	-0.4840

Pics:



14. **DNFS14**– Flowstone sample

Location: Western Wall of Main Quarry, west of main pinnacles. FS13,14 and 15 are all very close together and are a vertical sequence

Survey:	East	North	Height
DNFS14-1	216.5574	196.9221	-0.1969

Pics:



15. **DNFS15** – Flowstone sample

Location: Western Wall of Main Quarry, west of main pinnacles. FS13, 14 and 15 are all very close together and are a vertical sequence

Survey	East	North	Height
DNFS15-2	216.5866	196.7904	-0.0223

Pics:

