



MINERAL SEPARATION LOG

Sample Code: Age estimate:.....

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Key minerals: Apatite and zircon Date:

- ☐ Crush/grind
- ☐ Sieve: 500 μm

- ☐ Water table
- ☐ 10% HAc (CH_3COOH) for >12 hours
- ☐ 3% H_2O_2 for >12 hours

- ☐ Frantz magnetic separator
 - ☐ 10° 10° 0.6 amp magnetic
 - ☐ 10° 10° 0.9 amp magnetic
 - ☐ 10° 10° 1.2 amp magnetic
 - ☐ 10° 10° 1.2 amp non-magnetic →

- ☐ SPT 2.87
 - ☐ Float (Qtz/San/etc)
 - ☐ Sink (Ap/Zr) →

- ☐ DI/MEI
 - ☐ Float (Ap)
 - ☐ Sink (Zr) →

- ☐ Ap and/or Zr mounted

Notes: