

UWA SHRIMP DATA LOG

Date: **2/4/04** UWA Mount No.: **04-03**
04-02
04-05 Whose sample?: **MB** Operator(s): **MB**

Indicate any change to the following: 196 204 bkg 206 207 208 238 248 254 270

Precambrian Count time (secs): 2 10 10 10/20* 30/10* 10 5 5 2

Phanerozoic* Delay time (secs): 8 3 1 2 1 1 3 2 2

Steel: Wein volts / nA = for O⁻; = for O₂⁻; = for NO⁻

dead-time = **24** nanosecs expected resolution = >4200 actual resolution = **5853**

aperture = **30** microns retardation lens = **10/6** volts

Expected offsets (amu): 196-204 = 8.170; 204-bkg = 0.045; 204-206 ~ 2.000; 206-207 = 1.000; 206-208 = 2.000

Actual: 196-204 = 204-bkg = **0.04614** 204-206 =

206-207 = **1.004** 206-208 = **2.02256 central.**

Primary-epoxy = nA Primary-CZ3 = **Fr 0.42** nA PESABM-CZ3 = pA

Raster time (mins): **2 mins** Raster aperture (microns): **60** No. of scans: **7**

Comments:

| Rejection over-ride | Sample/ Std ID | Time - printout | U ²⁰⁷ /U ²⁰⁶ 270/254 | ²⁰³ U ¹⁹⁶ Kcps | 206 cps | U ²⁰⁷ ppm Kcps | 204Pb ppb cps | ^{Th202} f ²⁰⁶ % Kcps | Age ±1σ (Ma) 206/238 254 | 207/206 | Offsets OK? |
|---------------------|----------------|-----------------|--|---|---------|---------------------------------|---------------------|---|--------------------------------|---------|-------------|
| | Fr. 1-1 | 16:20 | 1.4554 | 1938 | 5171 | 7.2 136 | 6 | 136 | 0.2075 | 0.0670 | |
| | PD95. 1-1 | 16:42 | 1.3746 | 2147 | 699k | 253k | 3 | 160 | 0.7606 | 0.1041 | |
| | Fr. 1-2 | 17:14 | 1.5309 | 2133 | 5470 | 7.3 | 1 | 140 | 0.2291 | 0.0629 | |
| | 0403A.1-1 | 17:44 | 1.6006 | 1653 | 10902 | 1.5 | 510 | 27.3 | 2.3446 | 0.7621 | |
| | 0403B.1-1 | 18:11 | 1.1219 | 1814 | 6210 | 2.01 | 12 | 17 | 0.6670 | 0.1449 | |
| | Fr. 1-3 | 18:47 | 1.4715 | 2927 | 7057 | 9.1 | 5 | 176 | 0.2280 | 0.0547 | |

Do OFF
 gas pressure
 has dropped
 from 300 to
 <200 → increased
 to 300 and continue