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GSA Data Repository Item 2020109

Supplementary material

Table 1S. Samples coordinates Lambert93 Projection

Name	East	North	Elevation
vo-1	844374	6422231	203
vo-2	844445	6424657	217
vo-3	844097	6428006	213
vo-4	842449	6427130	323
vo-6	832567	6429961	725
vo-7	820504	6433782	463
vo-8	821136	6438032	928
vo-9	809353	6442480	1181
vo-12	818391	6482055	556
vo-13	819103	6480391	729
vo-14	819598	6477142	1123
vo-15	823279	6477571	1358
vo-16	817533	6484610	461
vo-18	827435	6461207	392
vo-19	832735	6452122	366
vo-21	843981	6443564	120

Table 2S. Single grain age vs equivalent Uranium content

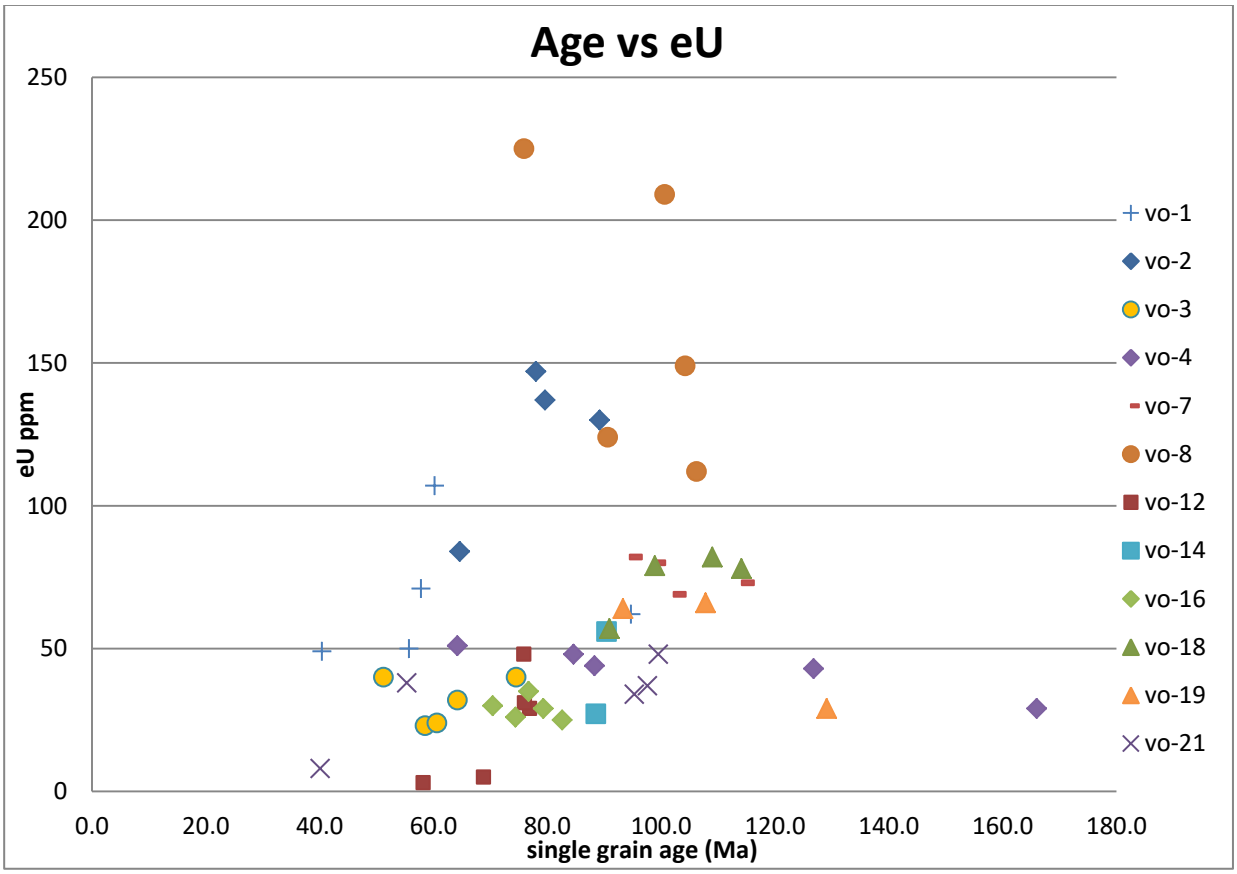
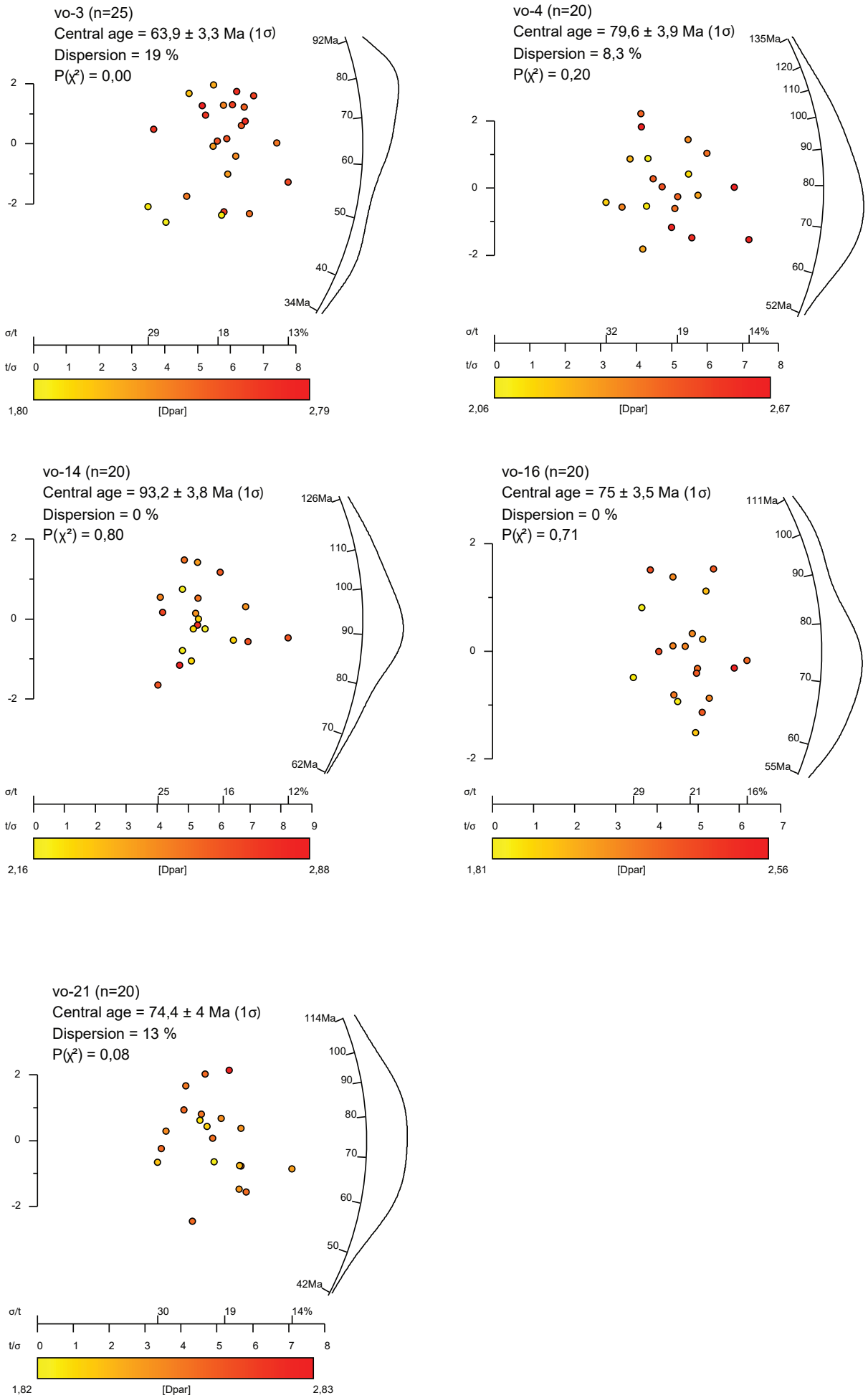


Figure S1.


vo-3 (n=25)
Central age = 63,9 ± 3,3 Ma (1σ)
Dispersion = 19 %
P(χ²) = 0,00
92Ma
80
70
60
50
40
34Ma
2
0
-2
σ/t
29
18
13%
t/σ
0 1 2 3 4 5 6 7 8
1,80
[Dpar]
2,79
vo-4 (n=20)
Central age = 79,6 ± 3,9 Ma (1σ)
Dispersion = 8,3 %
P(χ²) = 0,20
135Ma
120
110
100
90
80
70
60
52Ma
2
0
-2
σ/t
32
19
14%
t/σ
0 1 2 3 4 5 6 7 8
2,06
[Dpar]
2,67
vo-14 (n=20)
Central age = 93,2 ± 3,8 Ma (1σ)
Dispersion = 0 %
P(χ²) = 0,80
126Ma
110
100
90
80
70
62Ma
2
0
-2
σ/t
25
16
12%
t/σ
0 1 2 3 4 5 6 7 8 9
2,16
[Dpar]
2,88
vo-16 (n=20)
Central age = 75 ± 3,5 Ma (1σ)
Dispersion = 0 %
P(χ²) = 0,71
111Ma
100
90
80
70
60
55Ma
2
0
-2
σ/t
29
21
16%
t/σ
0 1 2 3 4 5 6 7
1,81
[Dpar]
2,56
vo-21 (n=20)
Central age = 74,4 ± 4 Ma (1σ)
Dispersion = 13 %
P(χ²) = 0,08
114Ma
100
90
80
70
60
50
42Ma
2
0
-2
σ/t
30
19
14%
t/σ
0 1 2 3 4 5 6 7 8
1,82
[Dpar]
2,83