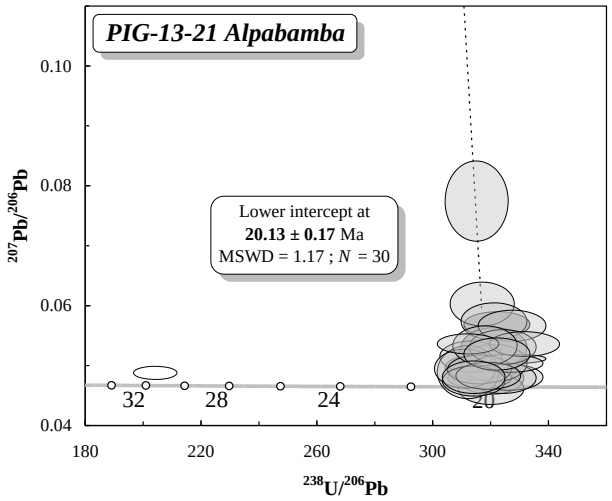
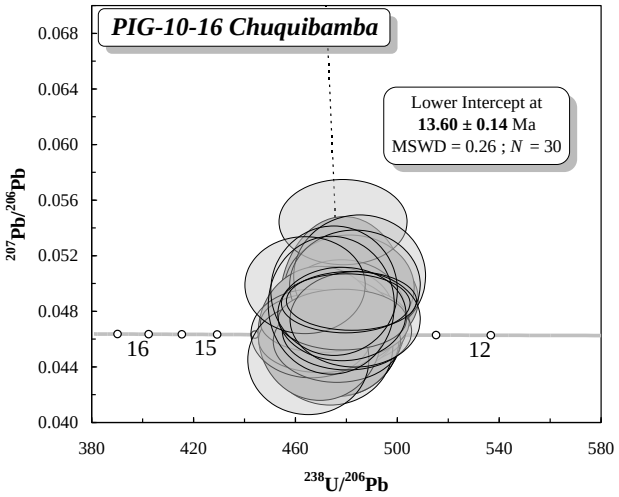
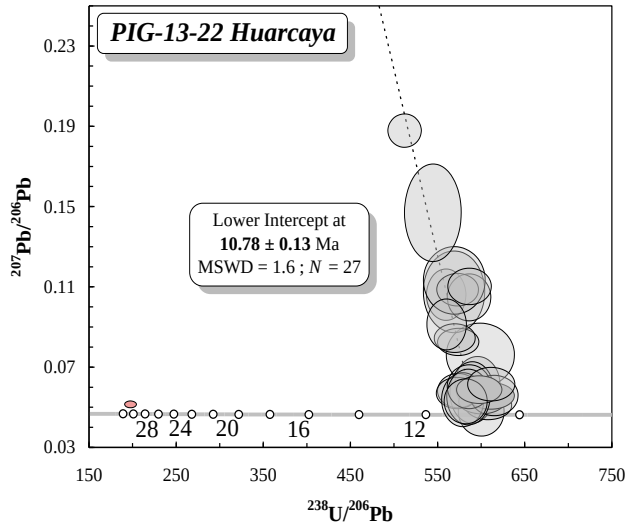
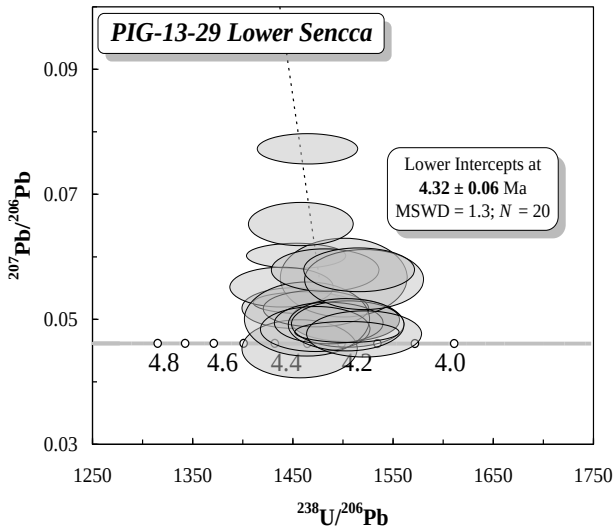
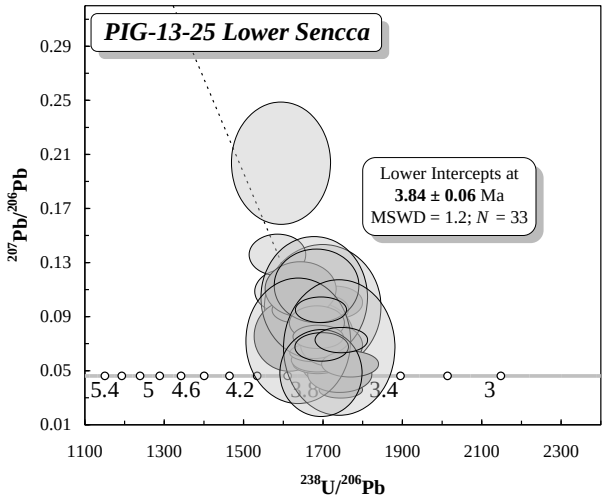
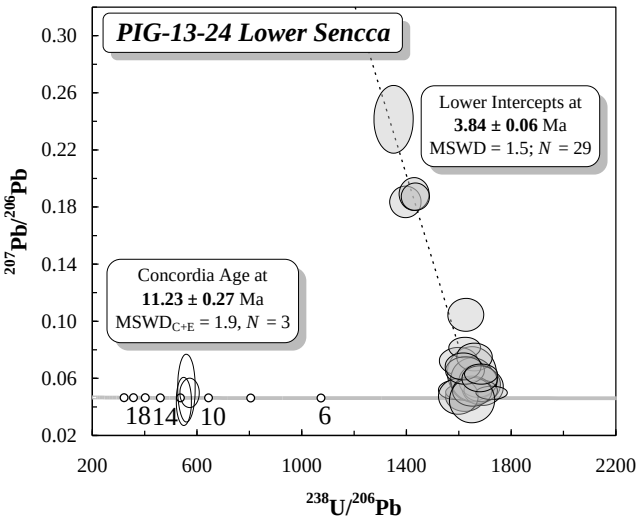

PIG-13-21 Alpabamba
Lower intercept at
20.13 ± 0.17 Ma
MSWD = 1.17 ; N = 30
32
28
24
20
0.10
0.08
0.06
0.04
180
220
260
300
340
207Pb/206Pb
238U/206Pb

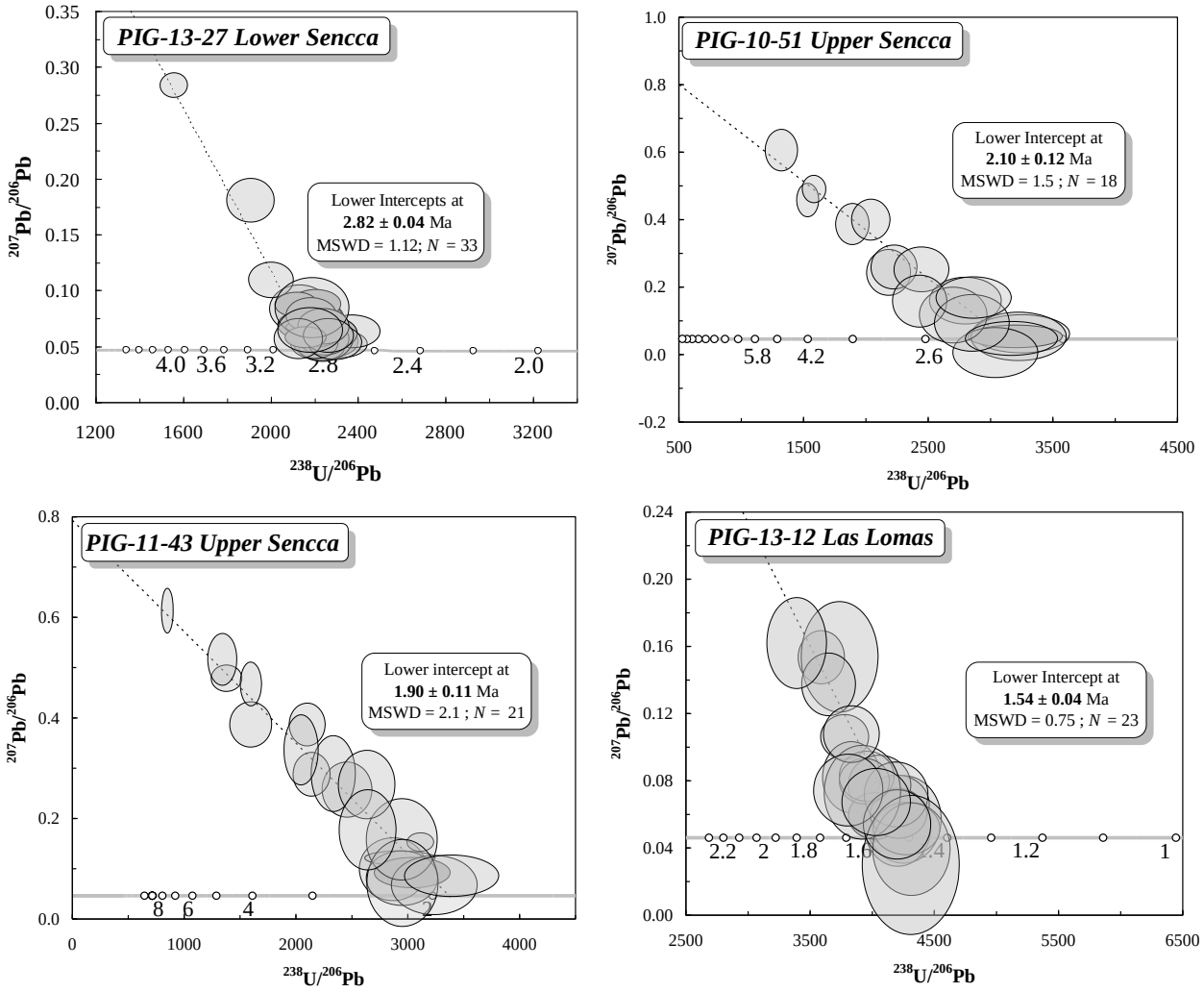

PIG-10-16 Chuquibamba
Lower Intercept at
13.60 ± 0.14 Ma
MSWD = 0.26 ; N = 30
16
15
12
0.068
0.064
0.060
0.056
0.052
0.048
0.044
0.040
380
420
460
500
540
580
207Pb/206Pb
238U/206Pb


PIG-13-22 Huarcaya
Lower Intercept at
10.78 ± 0.13 Ma
MSWD = 1.6 ; N = 27
28
24
20
16
12
0.23
0.19
0.15
0.11
0.07
0.03
150
250
350
450
550
650
750
207Pb/206Pb
238U/206Pb


PIG-13-29 Lower Sencca
Lower Intercepts at
4.32 ± 0.06 Ma
MSWD = 1.3; N = 20
4.8
4.6
4.4
4.2
4.0
0.09
0.07
0.05
0.03
1250
1350
1450
1550
1650
1750
207Pb/206Pb
238U/206Pb


PIG-13-25 Lower Sencca
Lower Intercepts at
3.84 ± 0.06 Ma
MSWD = 1.2; N = 33
5.4
5
4.6
4.2
3.8
3.4
3
0.29
0.25
0.21
0.17
0.13
0.09
0.05
0.01
1100
1300
1500
1700
1900
2100
2300
207Pb/206Pb
238U/206Pb


PIG-13-24 Lower Sencca
Lower Intercepts at
3.84 ± 0.06 Ma
MSWD = 1.5; N = 29
Concordia Age at
11.23 ± 0.27 Ma
MSWD C+E = 1.9, N = 3
18
14
10
6
0.30
0.26
0.22
0.18
0.14
0.10
0.06
0.02
200
600
1000
1400
1800
2200
207Pb/206Pb
238U/206Pb


PIG-13-27 Lower Sencca
Lower Intercepts at
2.82 ± 0.04 Ma
MSWD = 1.12; N = 33
PIG-10-51 Upper Sencca
Lower Intercept at
2.10 ± 0.12 Ma
MSWD = 1.5 ; N = 18
PIG-11-43 Upper Sencca
Lower intercept at
1.90 ± 0.11 Ma
MSWD = 2.1 ; N = 21
PIG-13-12 Las Lomas
Lower Intercept at
1.54 ± 0.04 Ma
MSWD = 0.75 ; N = 23
207Pb/206Pb
238U/206Pb

SD Figure 2