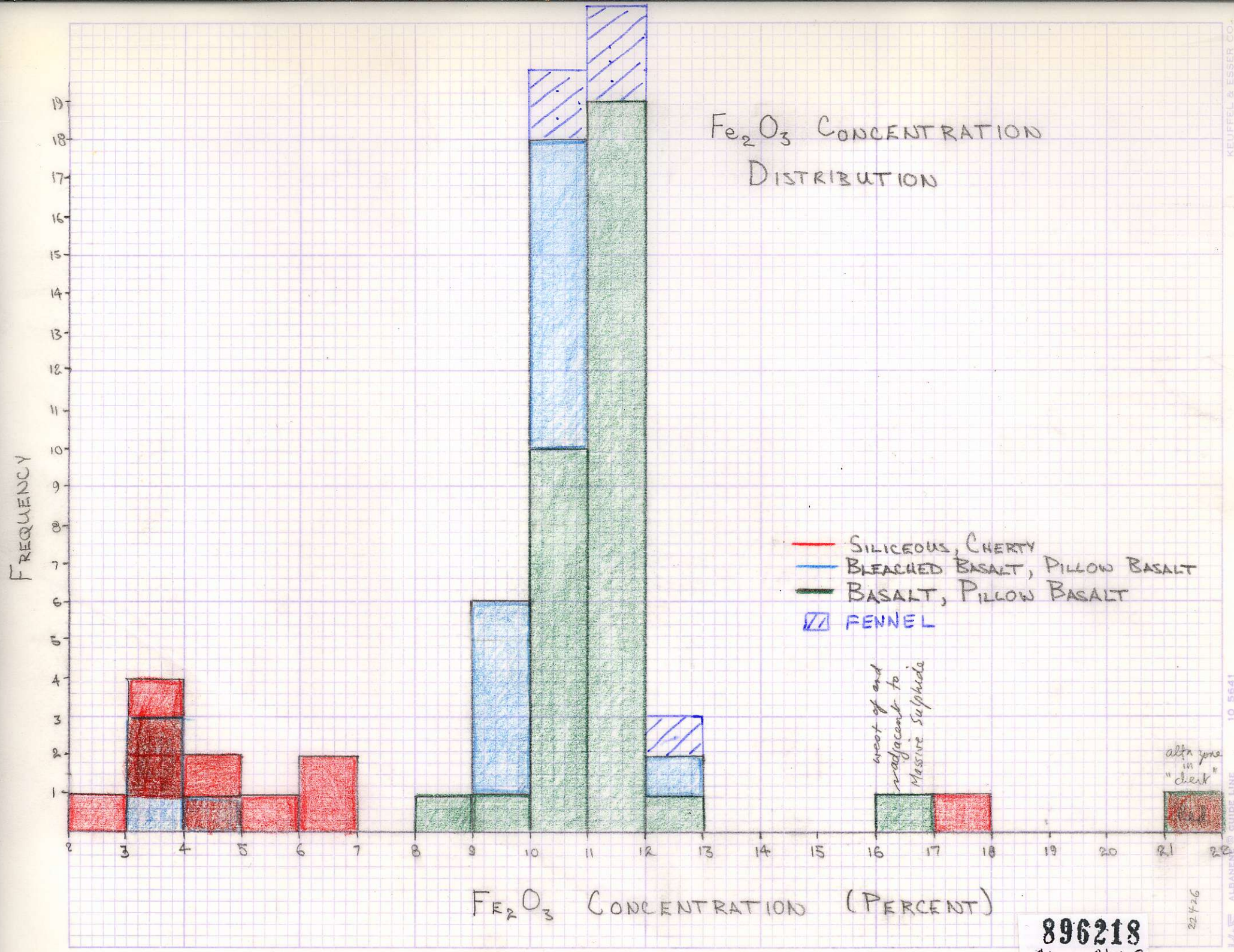
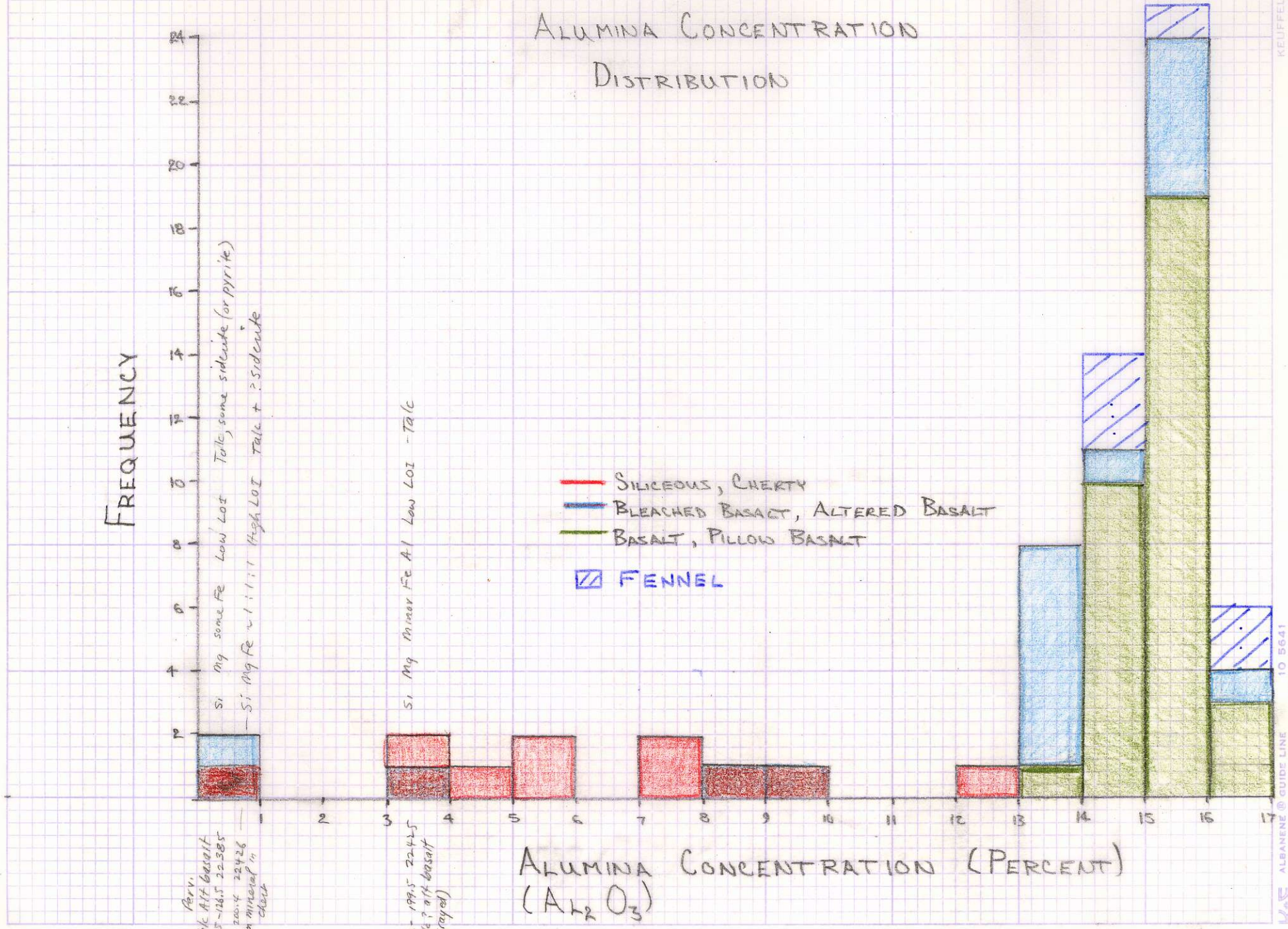
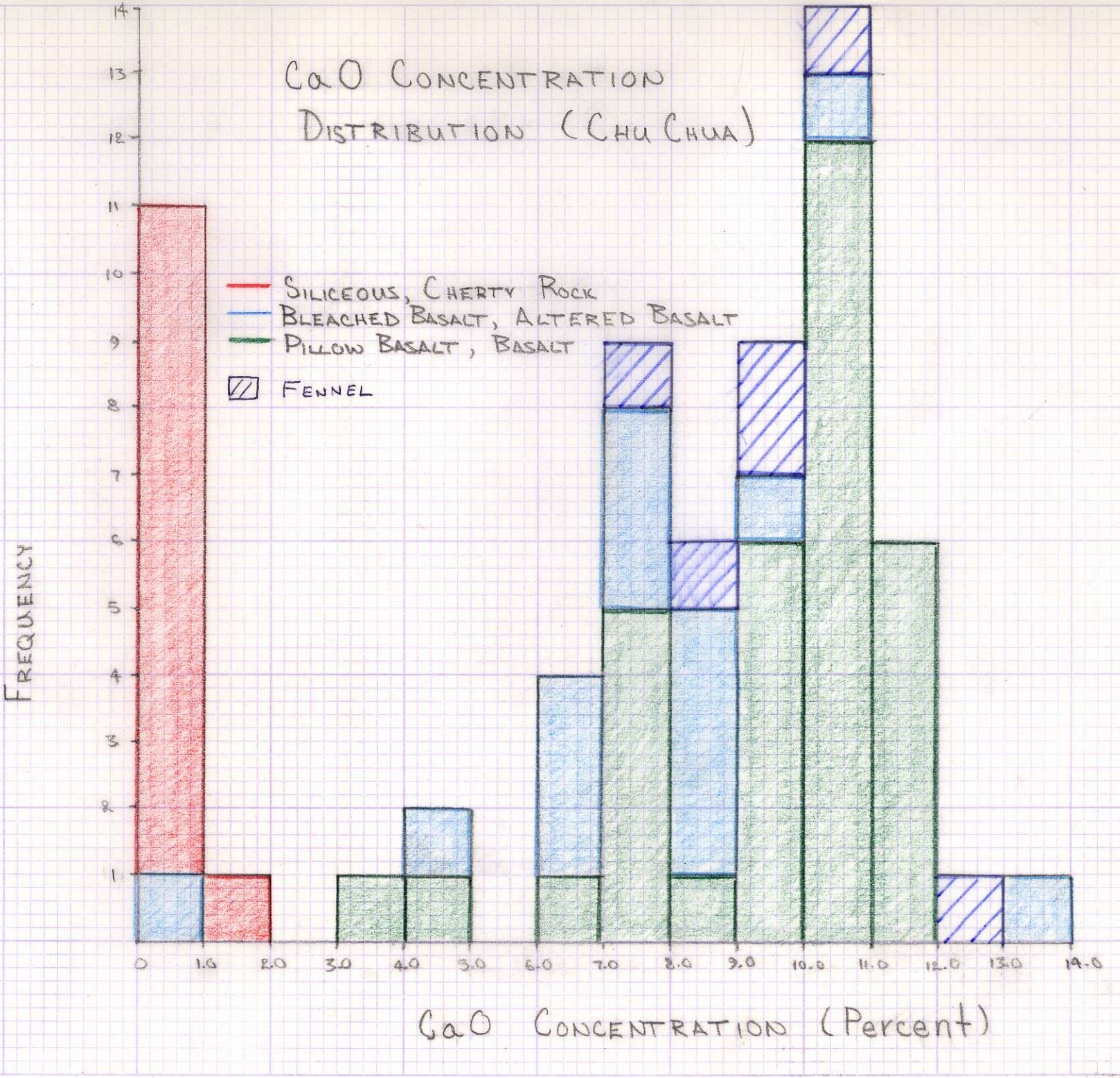
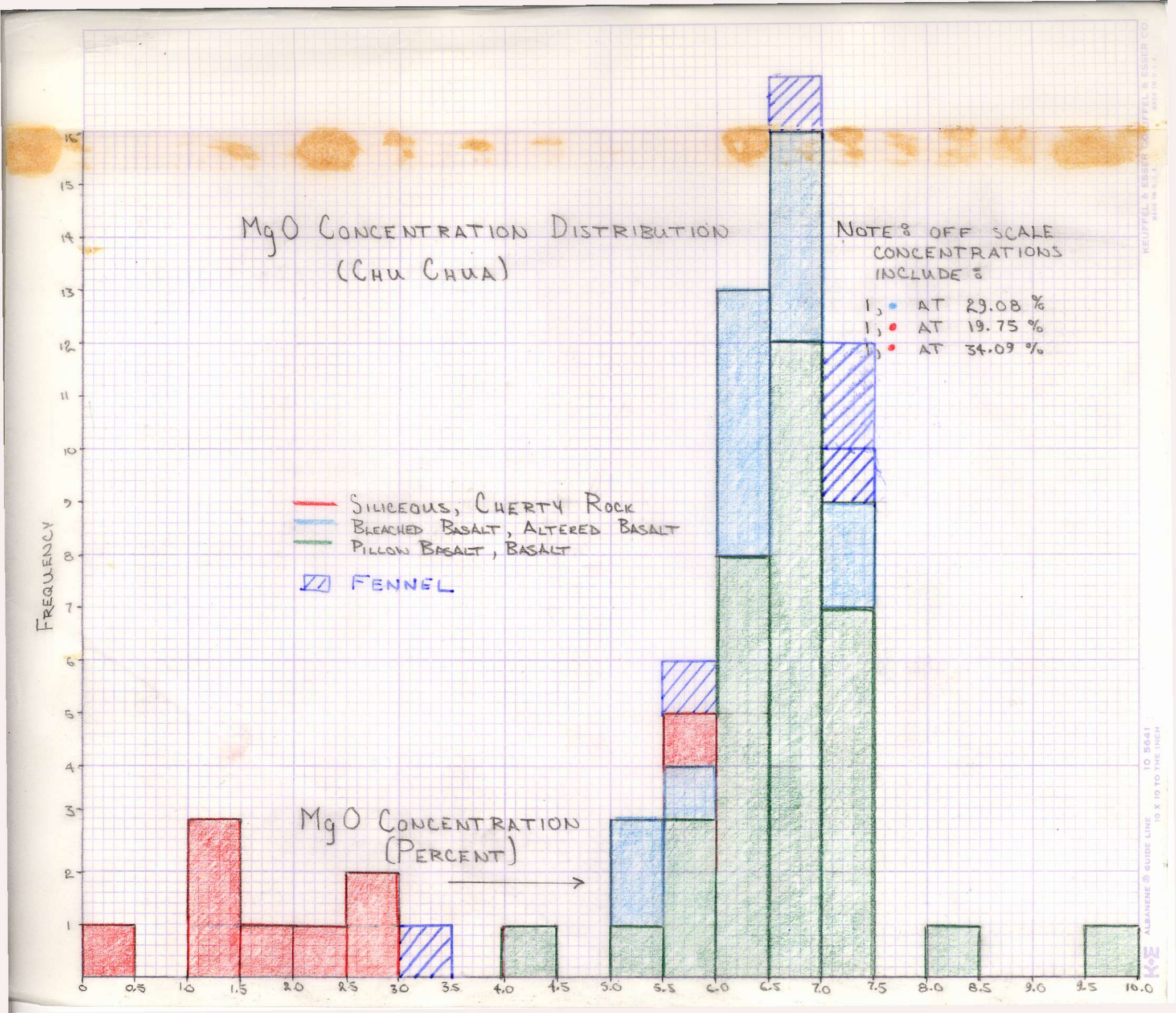
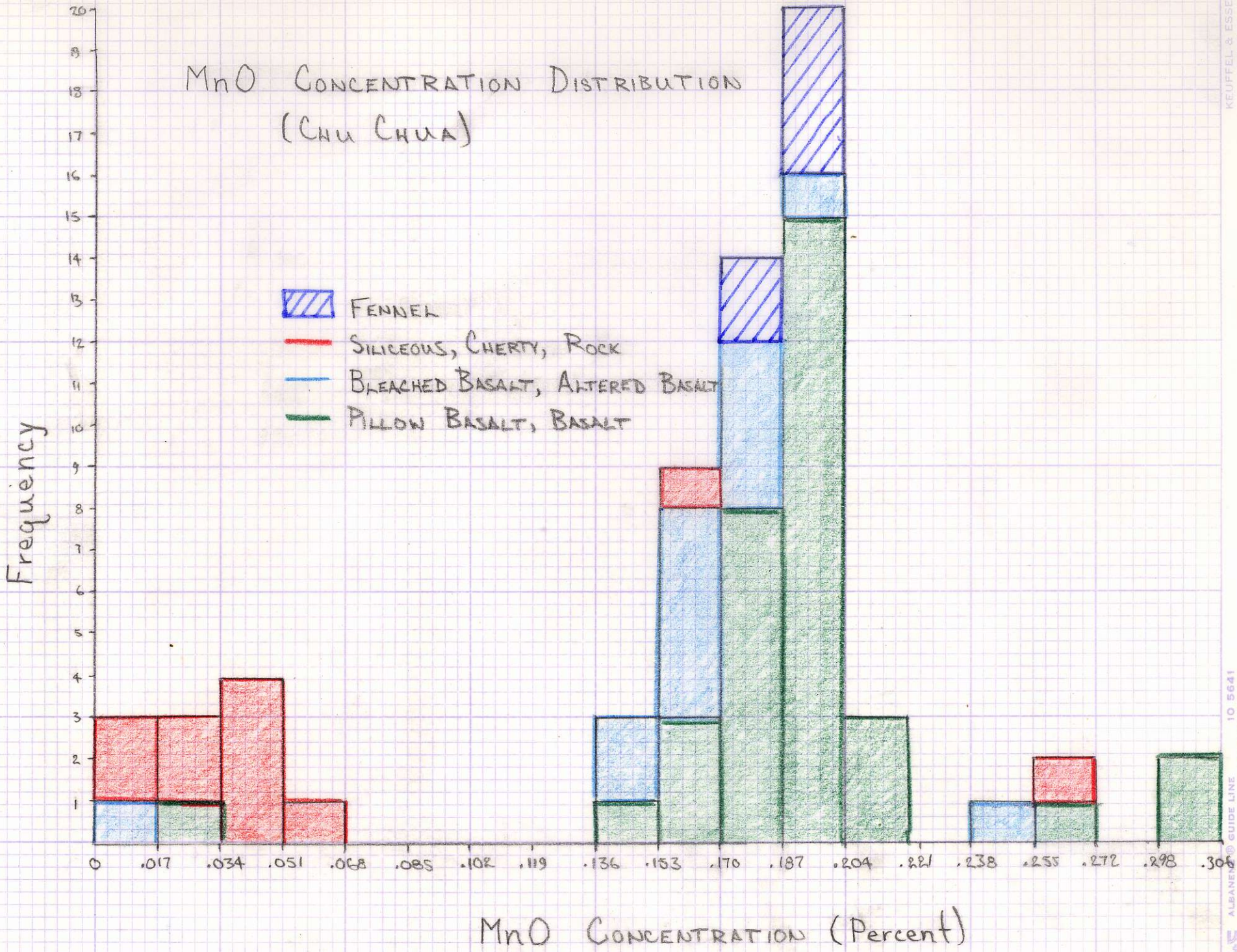
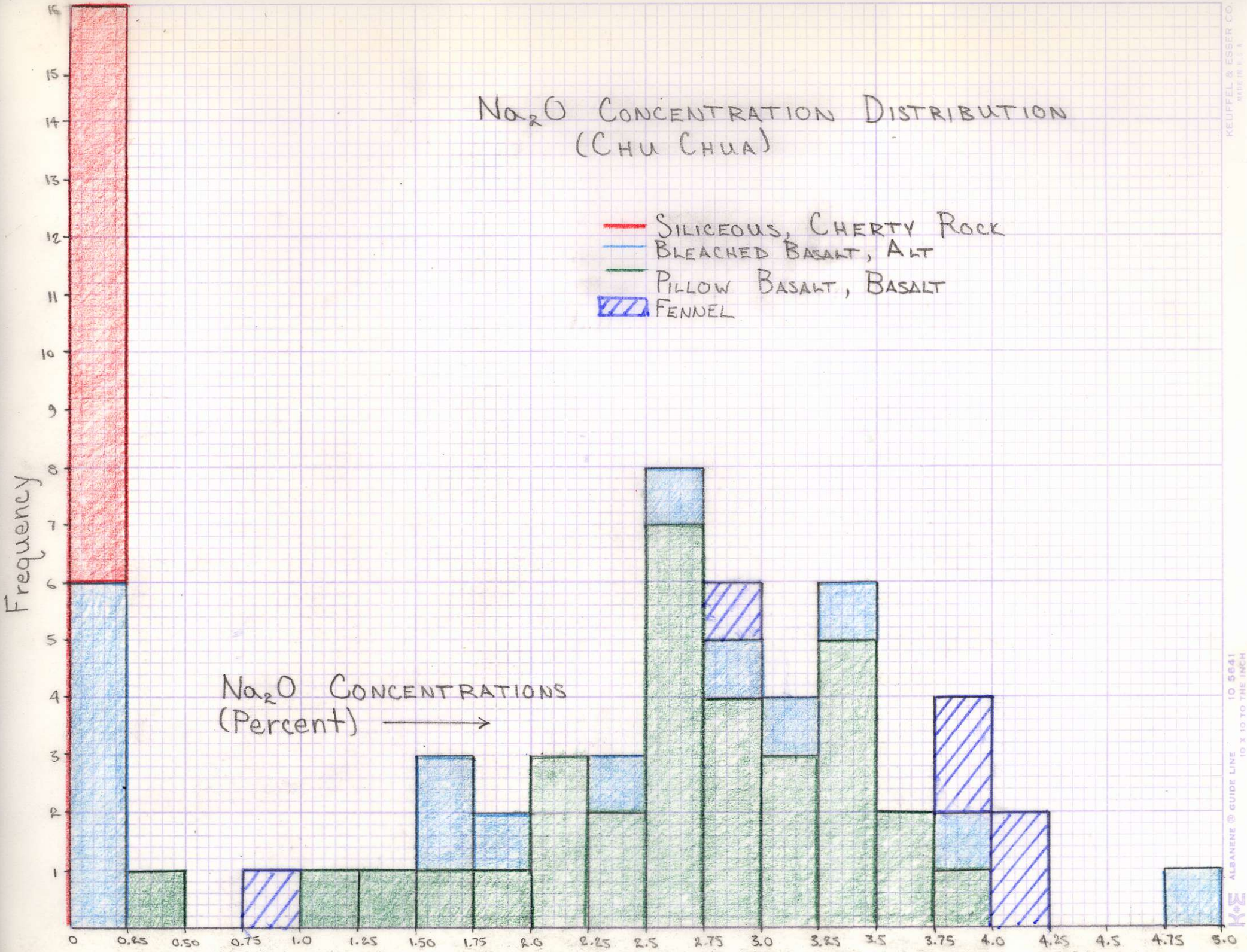



ALUMINA CONCENTRATION
DISTRIBUTION
FREQUENCY
SILICEOUS, CHERTY
BLEACHED BASALT, ALTERED BASALT
BASALT, PILLOW BASALT
FENNEL
ALUMINA CONCENTRATION (PERCENT)
(Al2O3)

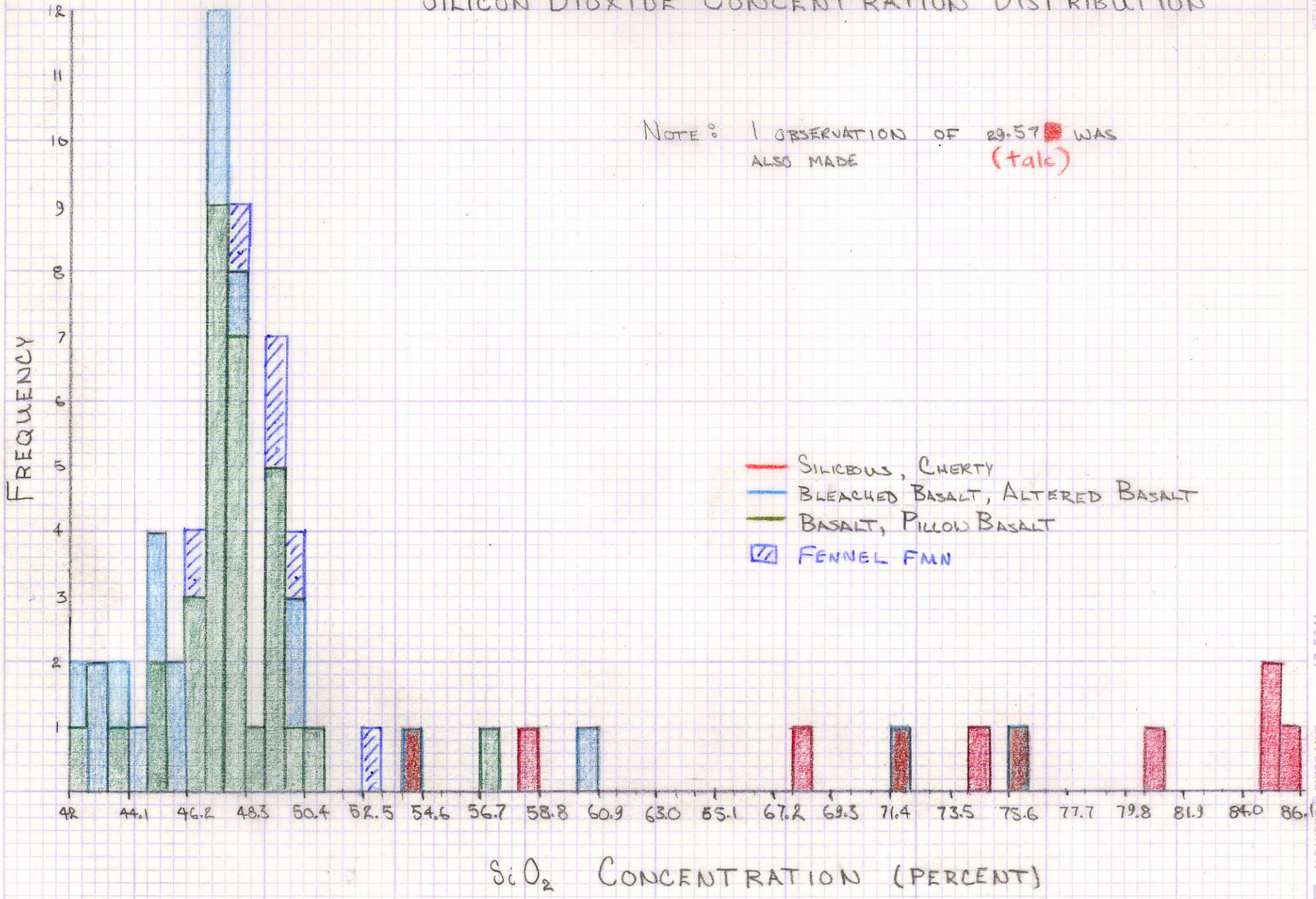

CaO Concentration Distribution (Chu Chua)
Siliceous, Cherty Rock
Bleached Basalt, Altered Basalt
Pillow Basalt, Basalt
Fennel
Frequency
0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
10.0
11.0
12.0
13.0
14.0
CaO Concentration (Percent)

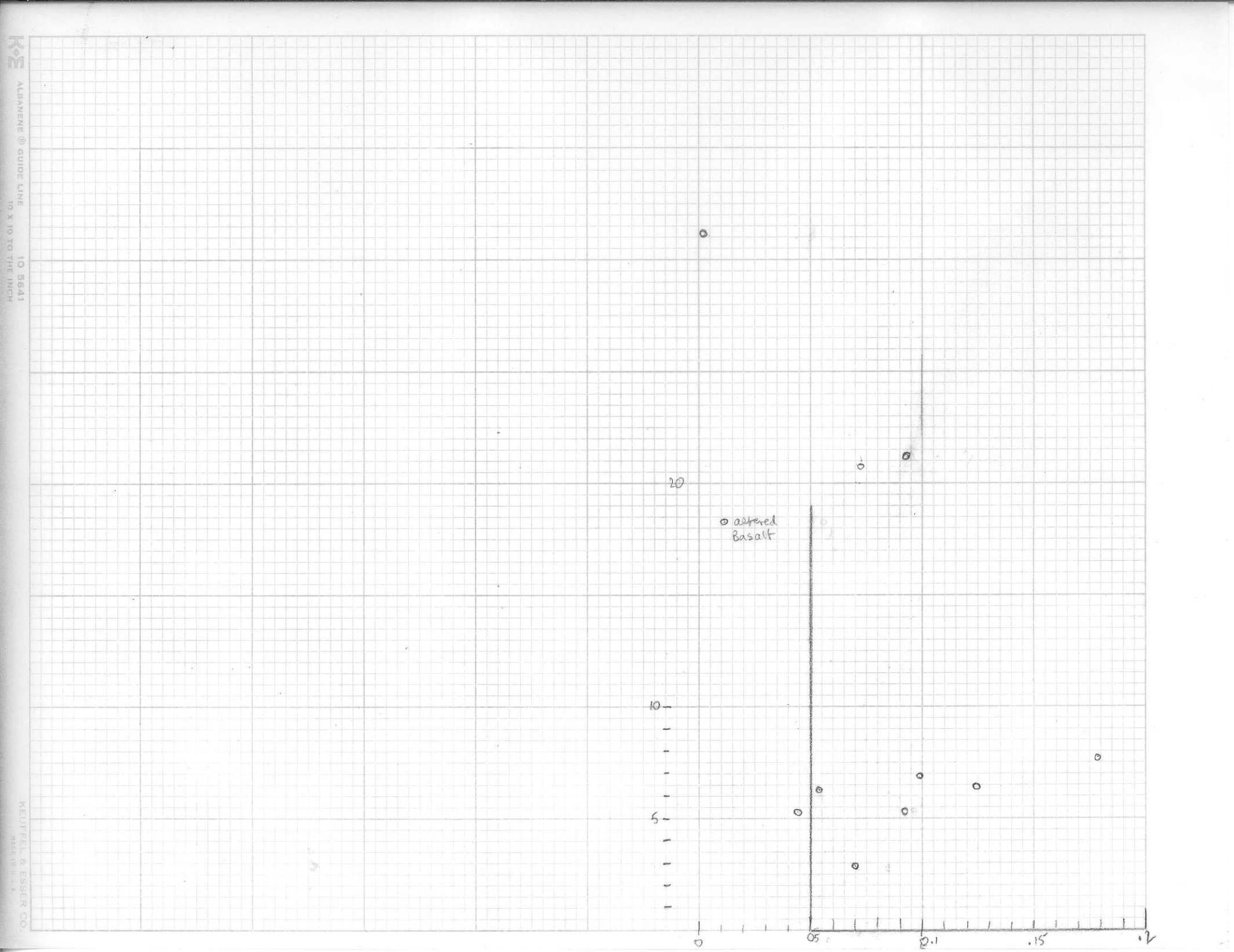

MgO Concentration Distribution
(Chu Chua)
Note: Off scale concentrations include:
1, * at 29.08 %
1, • at 19.75 %
1, • at 34.09 %
Siliceous, Cherty Rock
Bleached Basalt, Altered Basalt
Pillow Basalt, Basalt
Fennel
Frequency
MgO Concentration (Percent)
0 0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16


MnO Concentration Distribution
(Chu Chua)
Fennel
Siliceous, Cherty, Rock
Bleached Basalt, Altered Basalt
Pillow Basalt, Basalt
Frequency
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
0
.017
.034
.051
.068
.085
.102
.119
.136
.153
.170
.187
.204
.221
.238
.255
.272
.298
.306
MnO Concentration (Percent)


Na_2O Concentration Distribution
(Chu Chua)
Siliceous, Cherty Rock
Bleached Basalt, Alt
Pillow Basalt, Basalt
Fennel
Frequency
Na_2O Concentrations
(Percent)
0
0.25
0.50
0.75
1.0
1.25
1.50
1.75
2.0
2.25
2.5
2.75
3.0
3.25
3.5
3.75
4.0
4.25
4.5
4.75
5.0

Silicon Dioxide Concentration Distribution

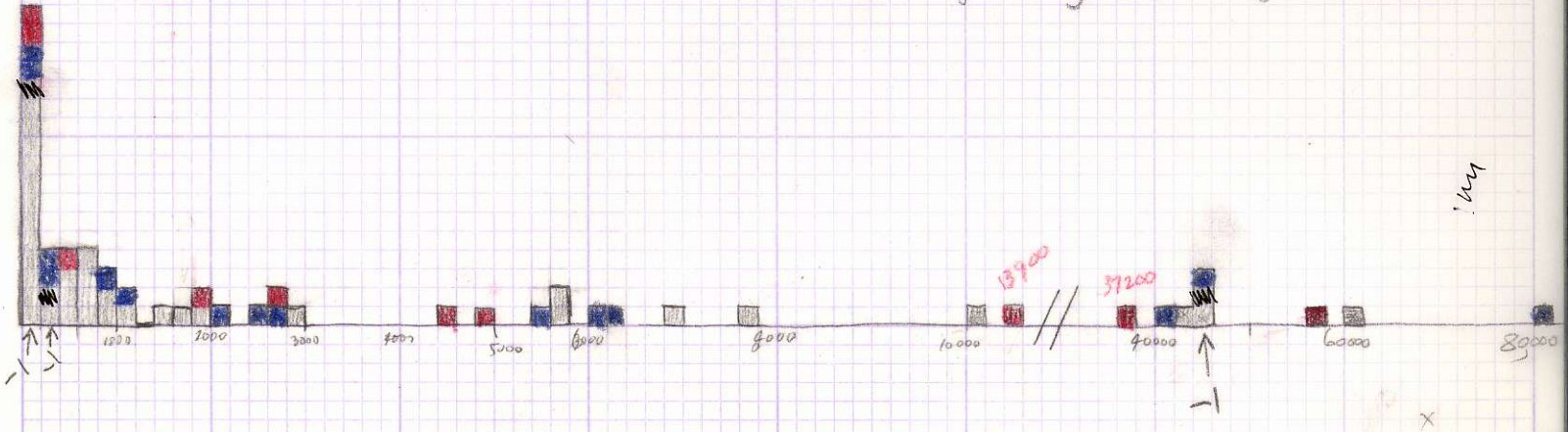


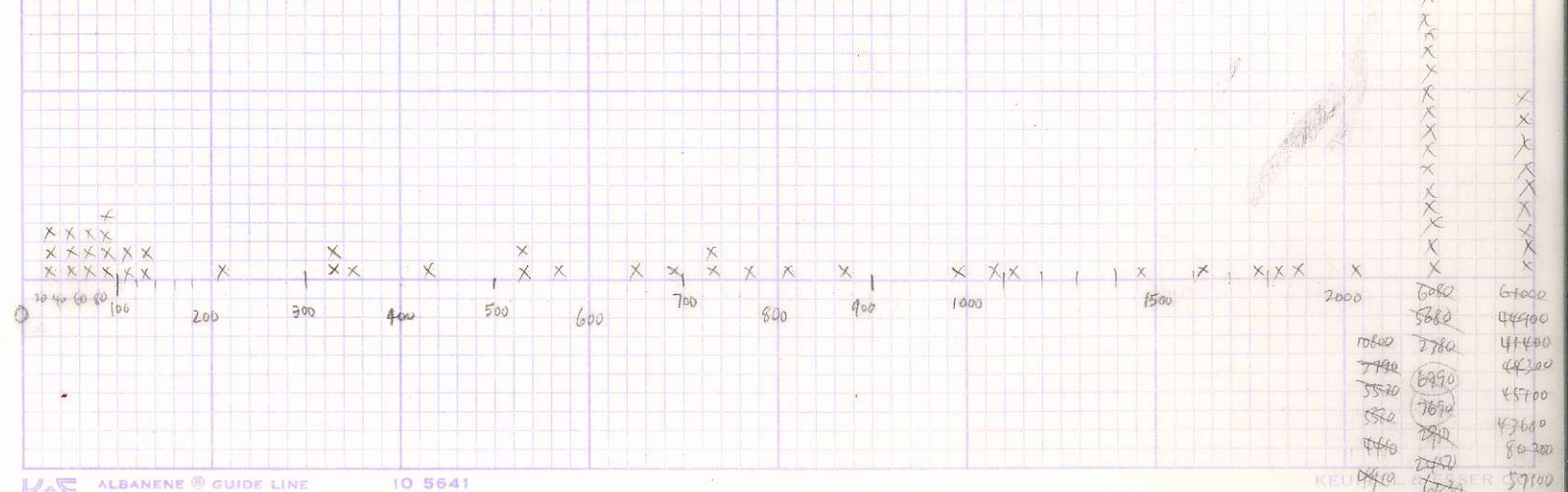

20
altered Basalt
10
5
0
05
.1
.15
.2

305 130 2000 8000 61000

Barium ± 8%

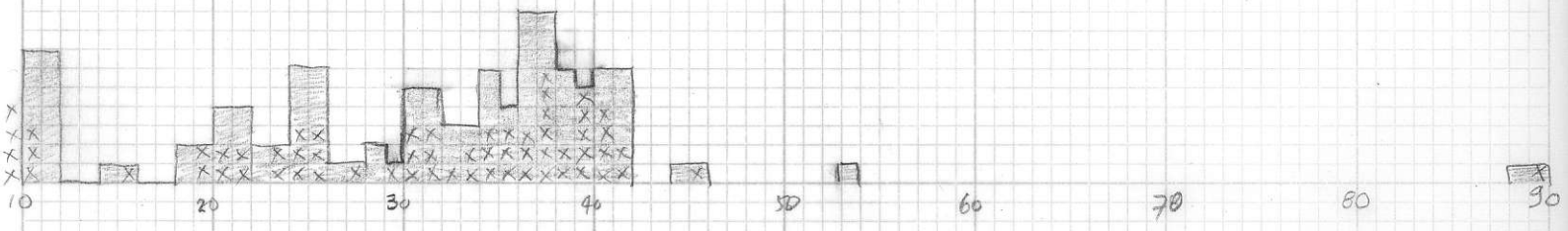
* compared to standard samples
is generally lower by 20 odd % or worse





LEAD ± 20%

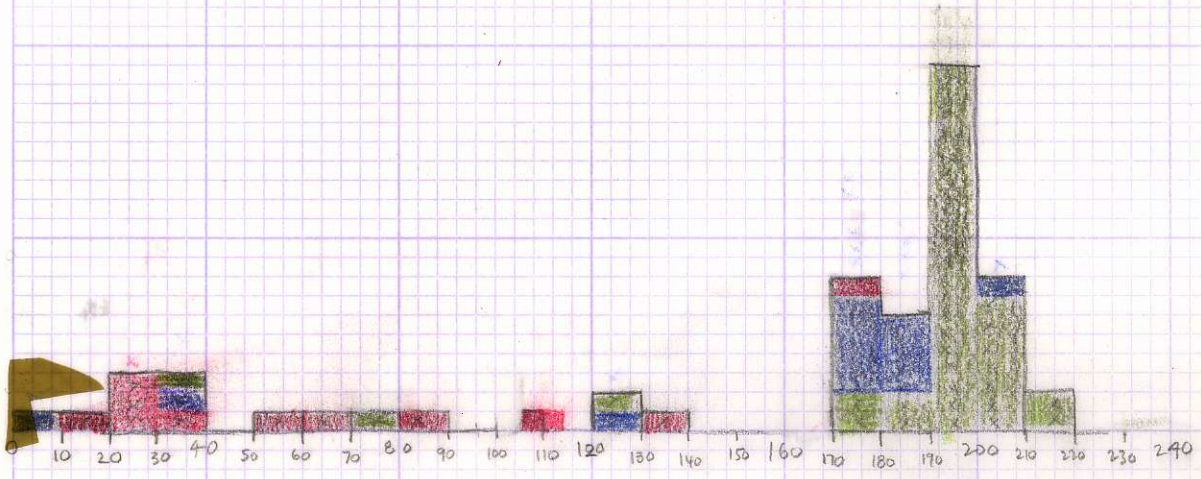
i 40 ± 8
30 ± 6



* 40 + 30 NOT SEPARABLE *
(error overlap)

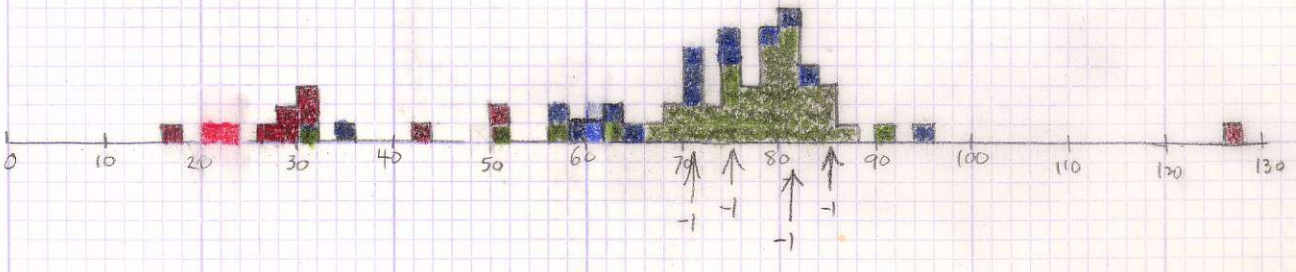
CHROMIUM ± 1%

Match with standards variable - dead on to 35% away (one sample out by 10x)



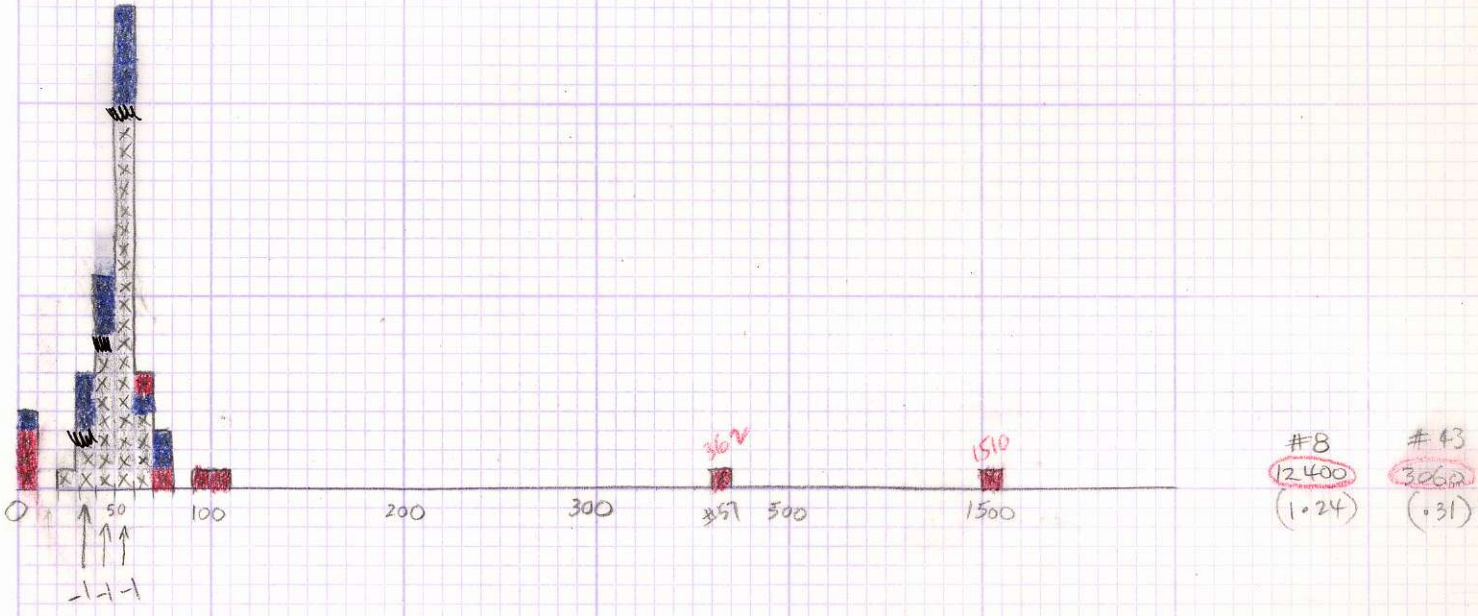
NICKEL ± 5%

Match with standards ± 30% but in right ballpark



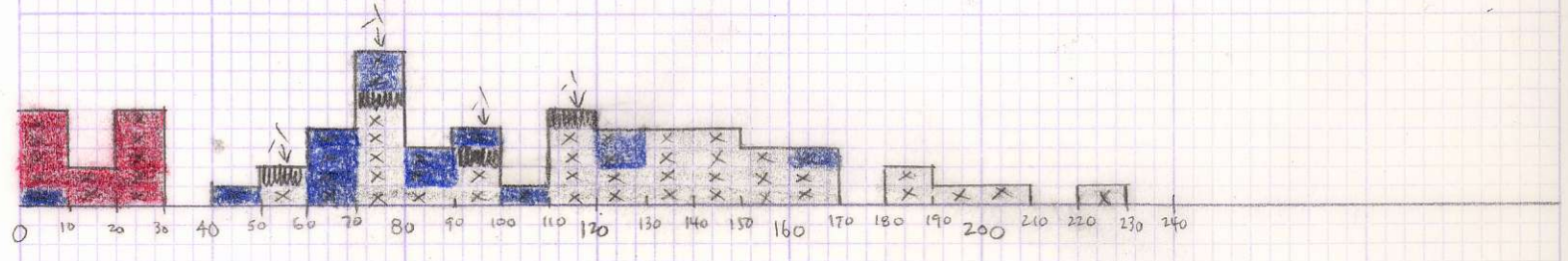
COPPER ± 15%

Poor match with Standards



STRONTIUM ± 3%

Poor but ballpark match with standards



Not Plotted V, Nb

CHU CHUA TRACE ELEMENTS

FEB/80

ZINC ± 5%

Good match with standards