

THIS PROGRAM PLOTS HISTOGRAMS OF MOL PERCENT
FERROSILITE OR FAYALITE AND CALCULATES
WEIGHT PERCENT AND PERCENT MEAN DEVIATION OF FEO

OFFSET = 1
CELL WIDTH = 1
DATA (FA)

19.0000
18.1000
18.6000
18.6000
18.5000
18.4000
18.4000
18.7000
18.1000
18.9000
18.6000
18.5000
18.4000
18.6000
18.4000
18.9000
18.6000
17.7000
18.5000
18.4000
18.0000
17.9000
18.0000
18.5000
18.2000
18.8000
18.0000
18.3000
17.6000
18.1000
17.9000
18.0000
18.6000
18.4000
18.1000

*Random olivines
in
La Villa*

PERCENT MEAN DEVIATION OVER 35 OBSERVATIONS CONVERTED
TO WEIGHT PERCENT FEO (MEAN FEO WT% = 17.31744286 %) IS::::
1.416243408

N= 35
MEAN= 18.3514
STD. DEV= 0.3425
SKEWNESS= -0.2020
KURTOSIS= 2.2804