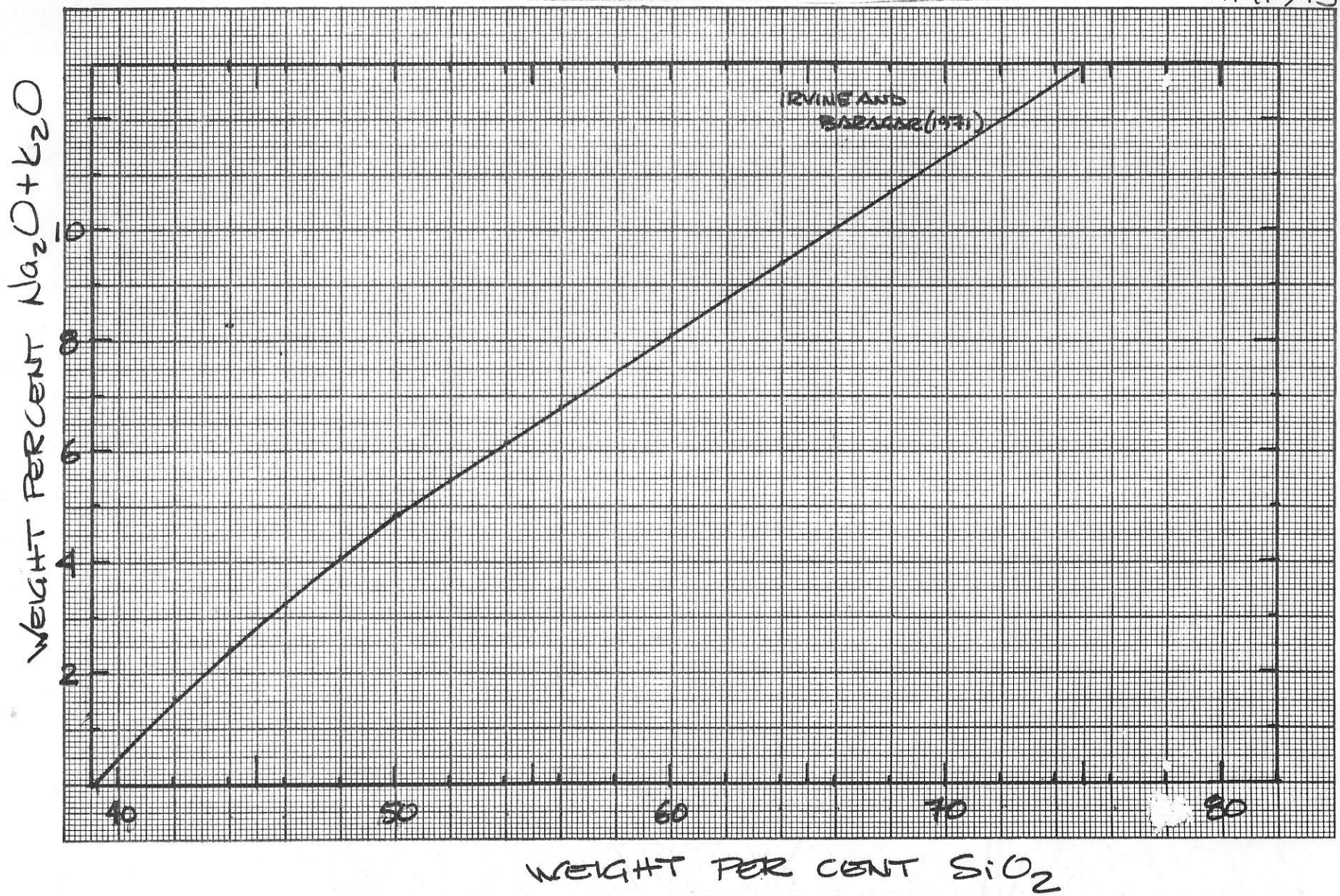
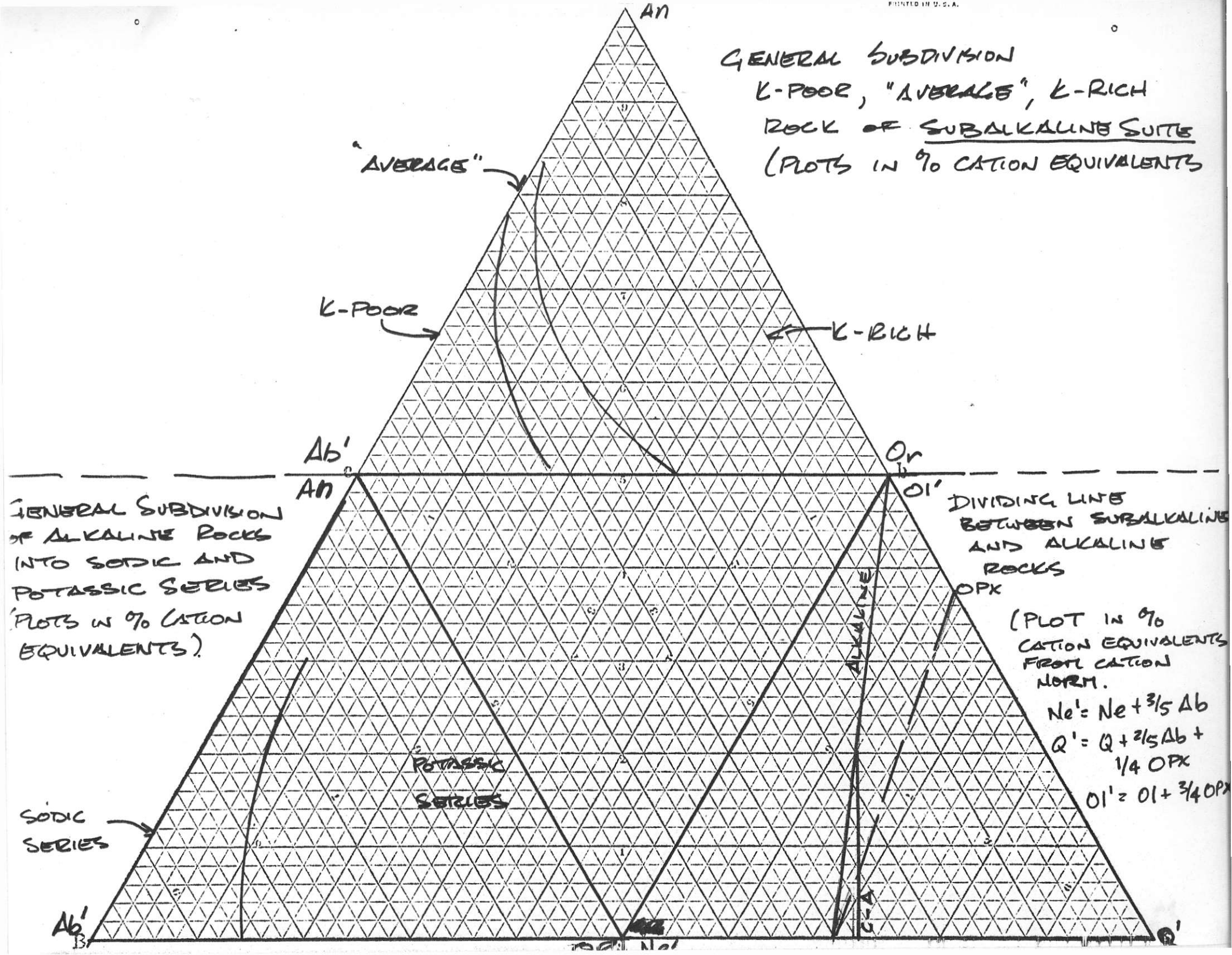
CALCULATED NON VOLATILE

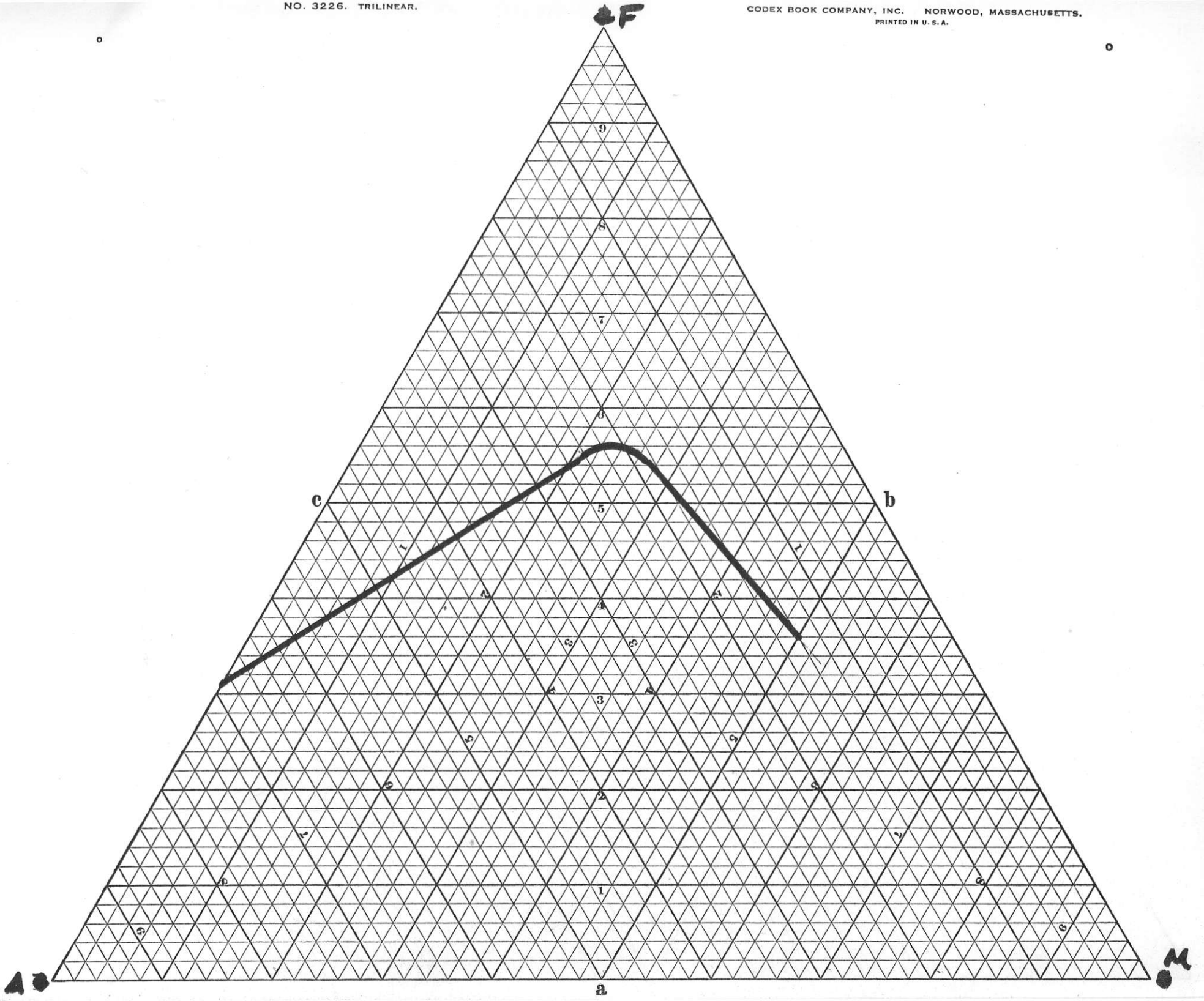
676019
Windy Craggy
114P/13




An
GENERAL SUBDIVISION
K-POOR, "AVERAGE", K-RICH
ROCK OF SUBALKALINE SUITE
(PLOTS IN % CATION EQUIVALENTS
"AVERAGE"
K-POOR
K-RICH
Ab'
An
Or
Di'
GENERAL SUBDIVISION OF ALKALINE ROCKS INTO SODIC AND POTASSIC SERIES (PLOTS IN % CATION EQUIVALENTS)
DIVIDING LINE BETWEEN SUBALKALINE AND ALKALINE ROCKS
OPX
(PLOT IN % CATION EQUIVALENTS FROM CATION NORM.
Ne' = Ne + 3/5 Ab
Q' = Q + 2/5 Ab + 1/4 OPX
Di' = Di + 3/4 OPX
POTASSIC SERIES
SODIC SERIES
ALKALINE
C-A
Ab'
Ne'
Q'

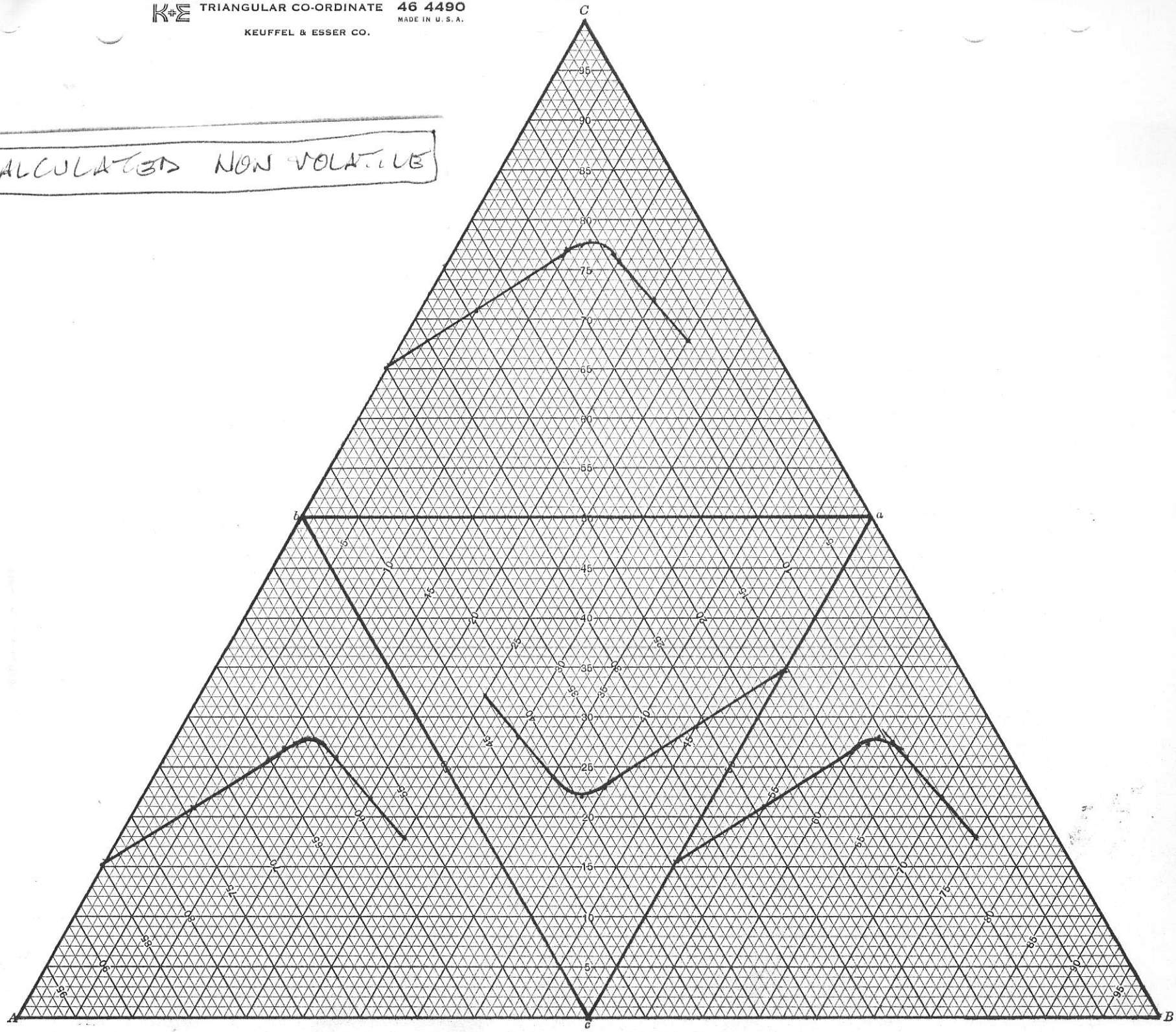
NO. 3226. TRILINEAR.

CODEX BOOK COMPANY, INC. NORWOOD, MASSACHUSETTS.
PRINTED IN U. S. A.



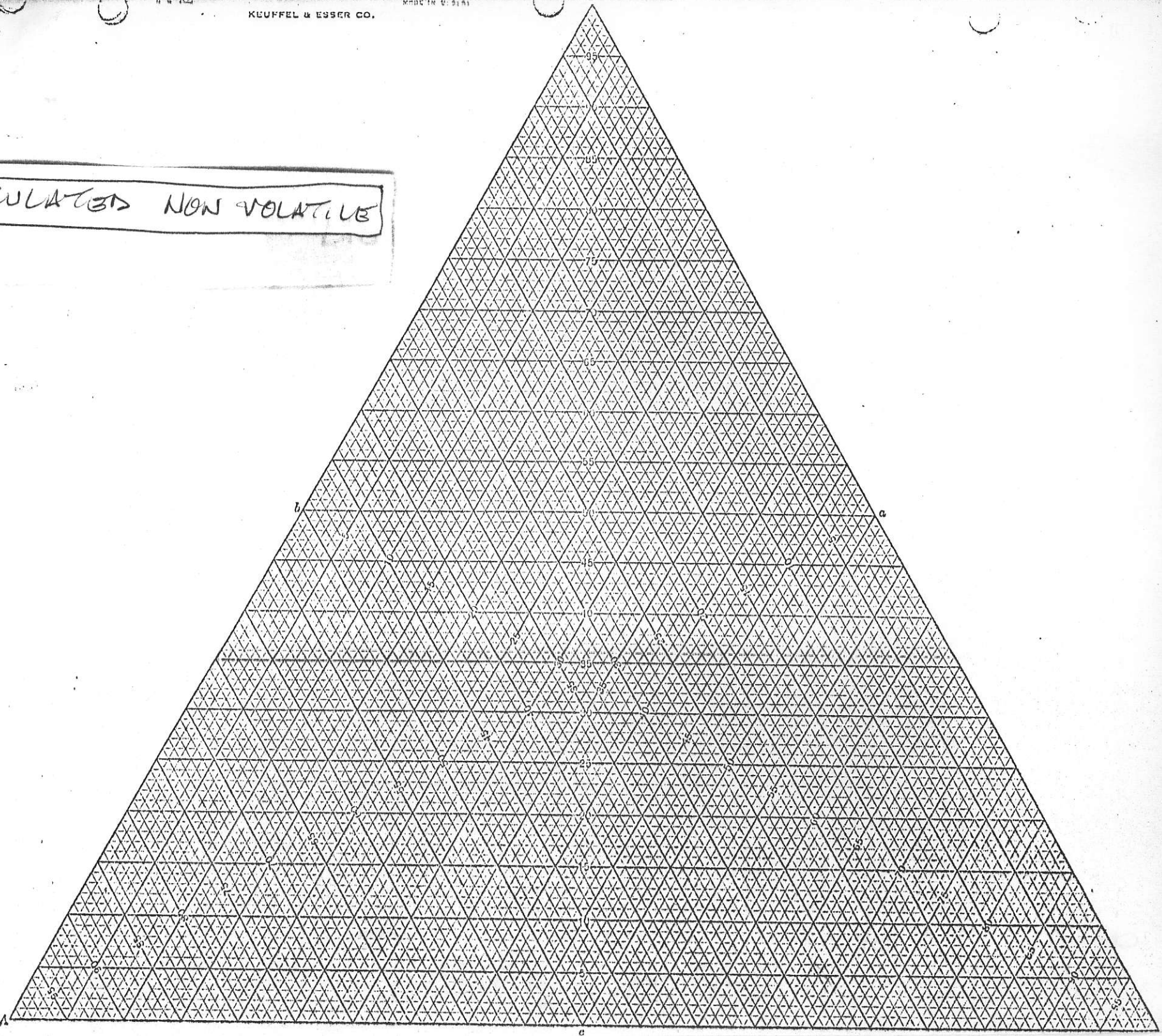
K+E TRIANGULAR CO-ORDINATE 46 4490
MADE IN U.S.A.
KEUFFEL & ESSER CO.

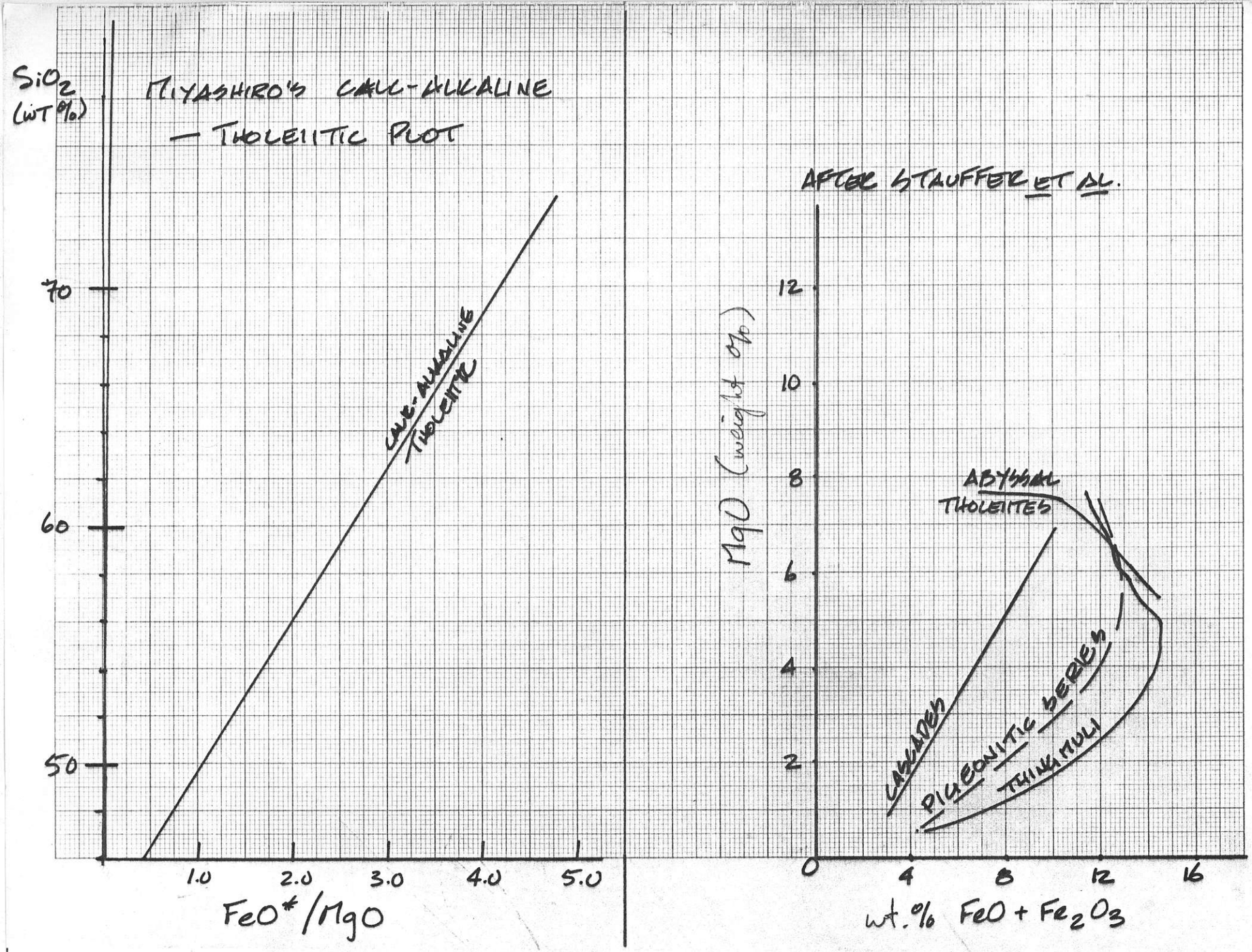
CALCULATED NON VOLATILE



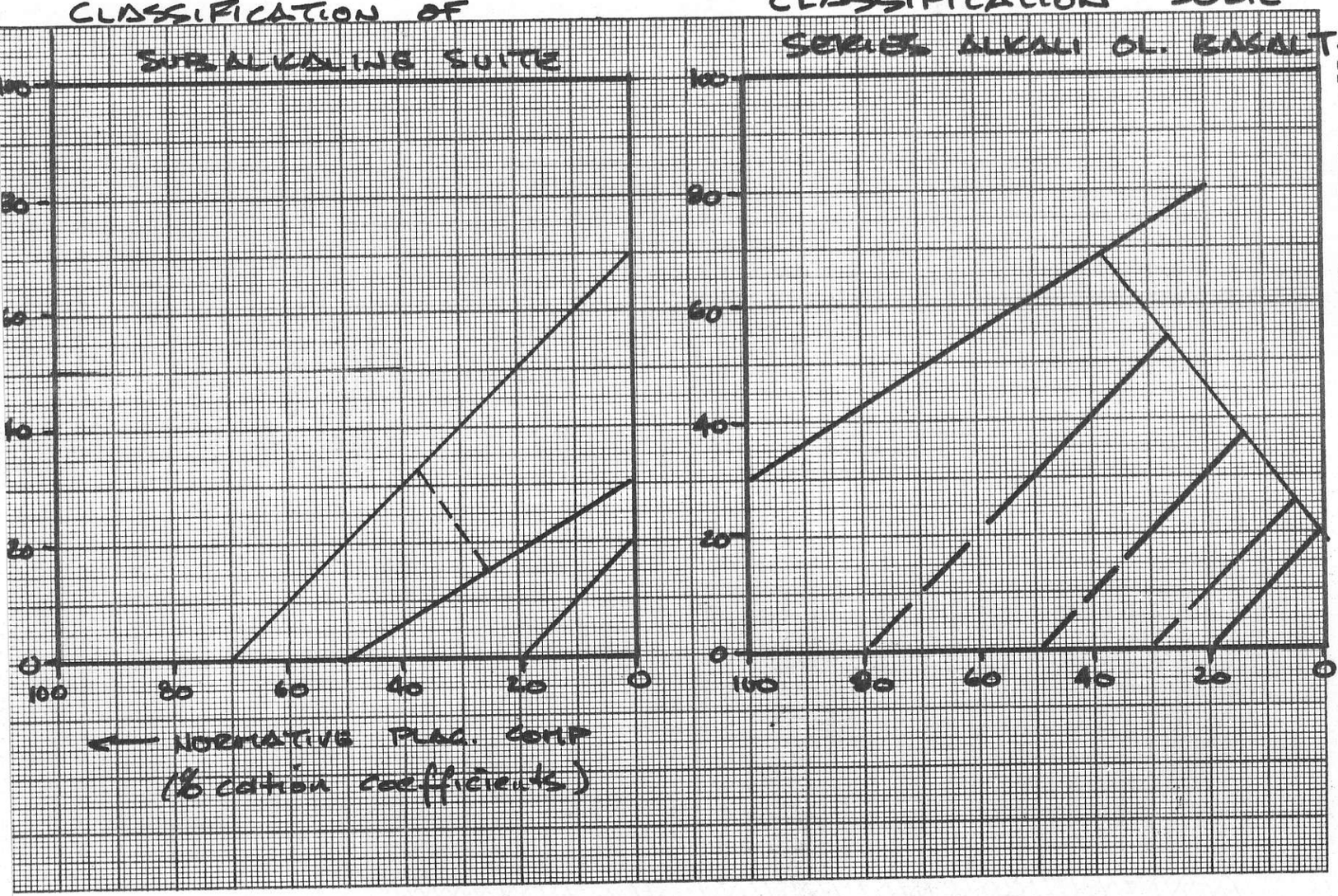
KEUFFEL & ESSER CO.

CALCULATED NON VOLATILE

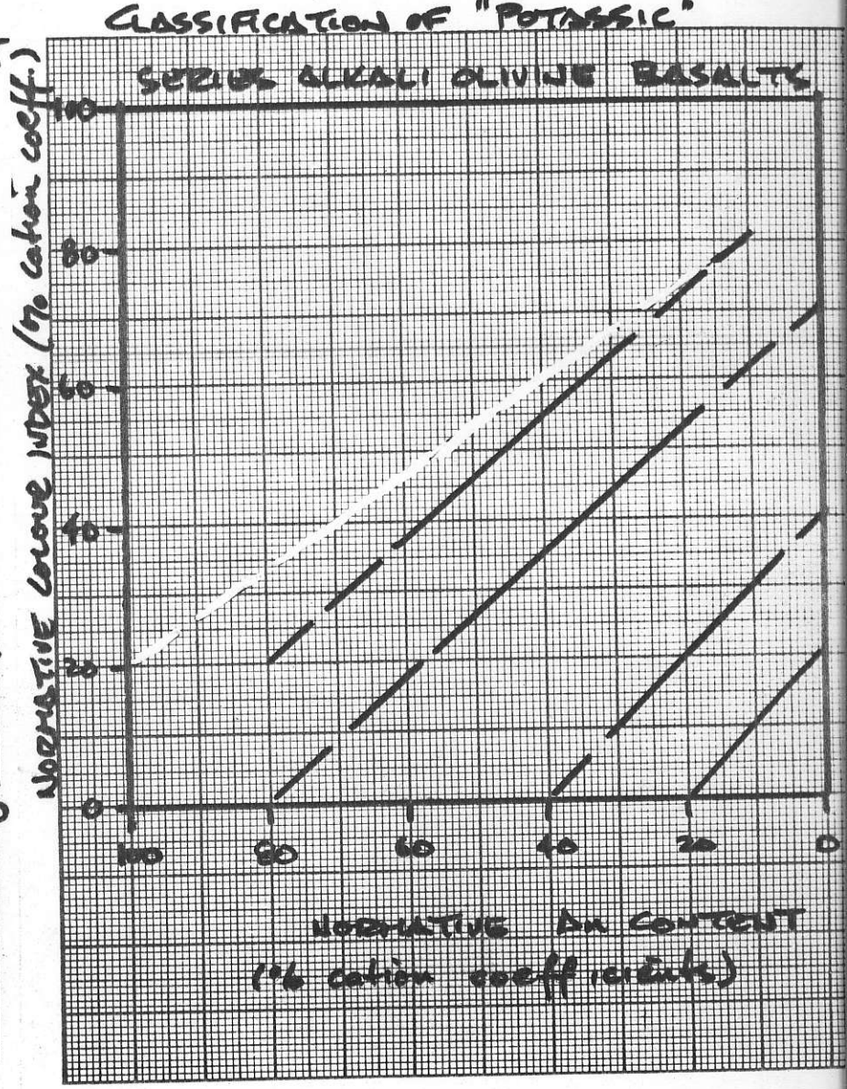



MIYASHIRO'S CALC-ALKALINE
— THOLEIITIC PLOT
SiO_2 (WT %)
70
60
50
CALC-ALKALINE
THOLEIITIC
1.0
2.0
3.0
4.0
5.0
FeO*/MgO

AFTER STAUFFER ET AL.
MgO (weight %)
12
10
8
6
4
2
0
ABYSSAL
THOLEIITES
CALCALKALI
PIGEONITIC SERIES
THINGMULI
4
8
12
16
wt.% FeO + Fe_2O_3

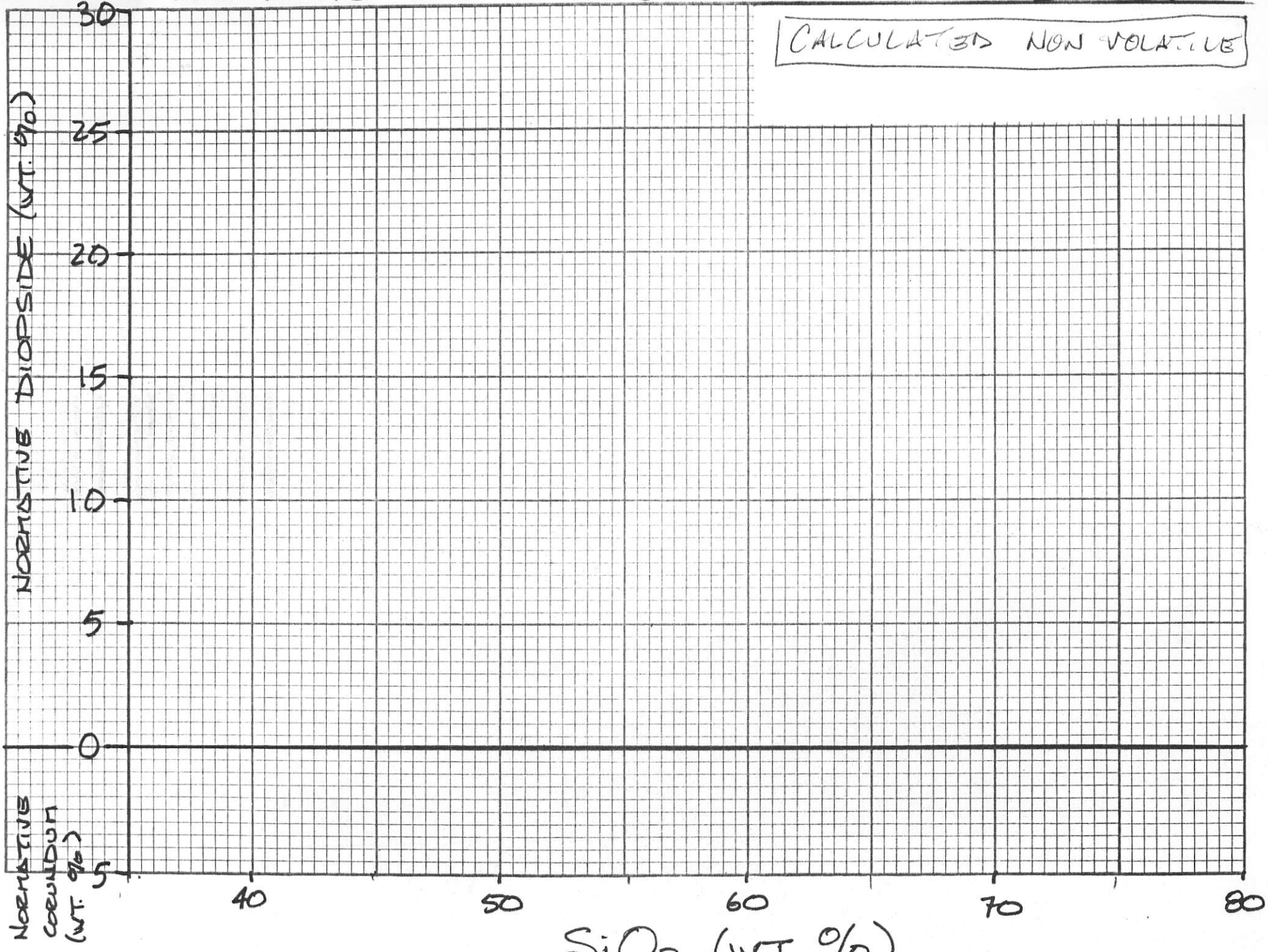

CLASSIFICATION OF
SUB ALKALINE SUITE
100
80
60
40
20
0
100
80
60
40
20
0
← NORMATIVE PLAG. COMP
(% cation coefficients)

CLASSIFICATION "SODIC"
SERIES ALKALI OL. BASALT
100
80
60
40
20
0
100
80
60
40
20
0


CLASSIFICATION OF "POTASSIC"
SERIES ALKALI OLIVINE BASALTS
NORMATIVE COLOUR INDEX (% cation coeff.)
100
80
60
40
20
0
100
80
60
40
20
0
NORMATIVE An CONTENT
(% cation coefficients)

NORMATIVE DIOPSIDE - CORUNDUM VS. SiO_2 PLOT

CALCULATED NON VOLATILE



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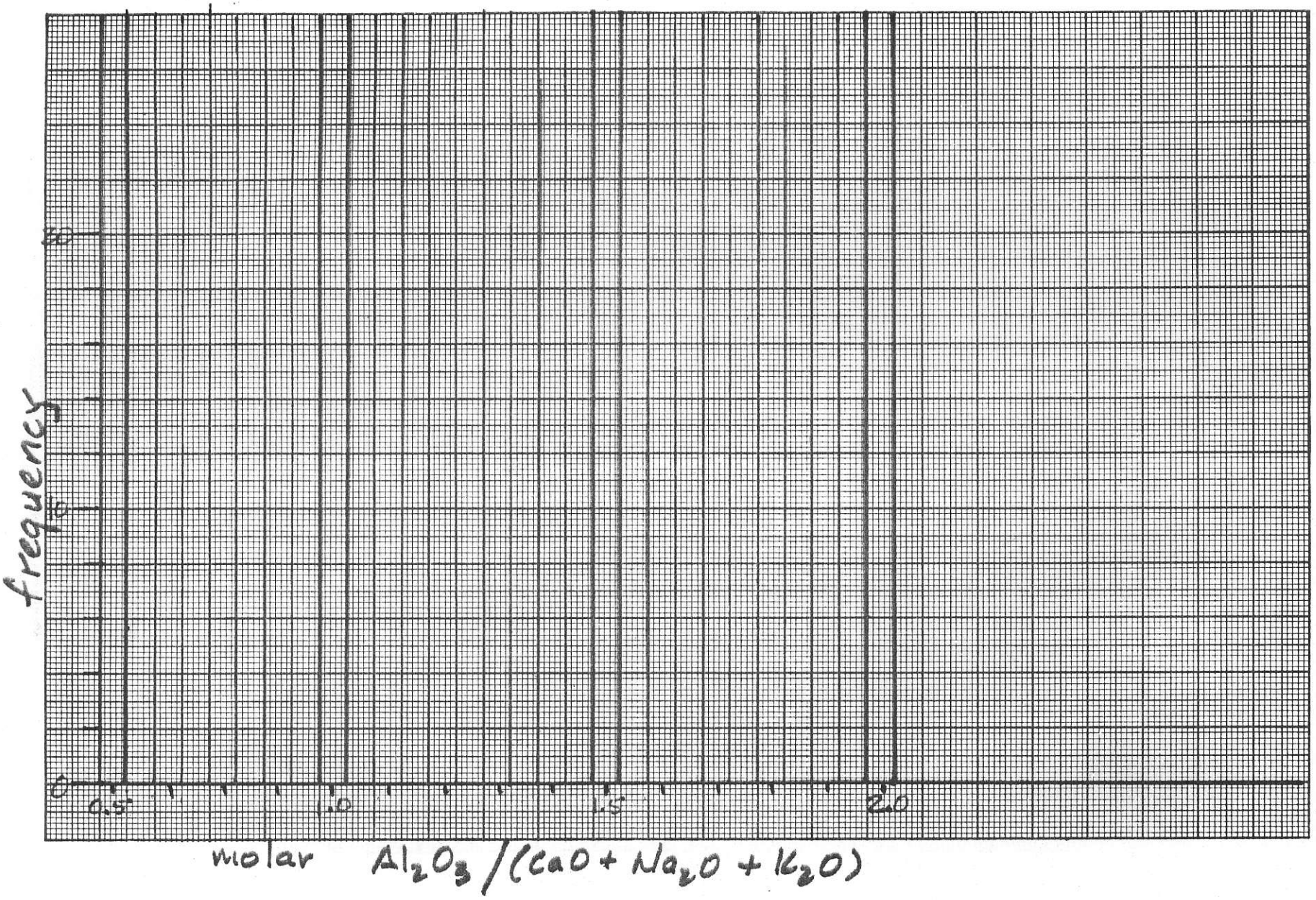
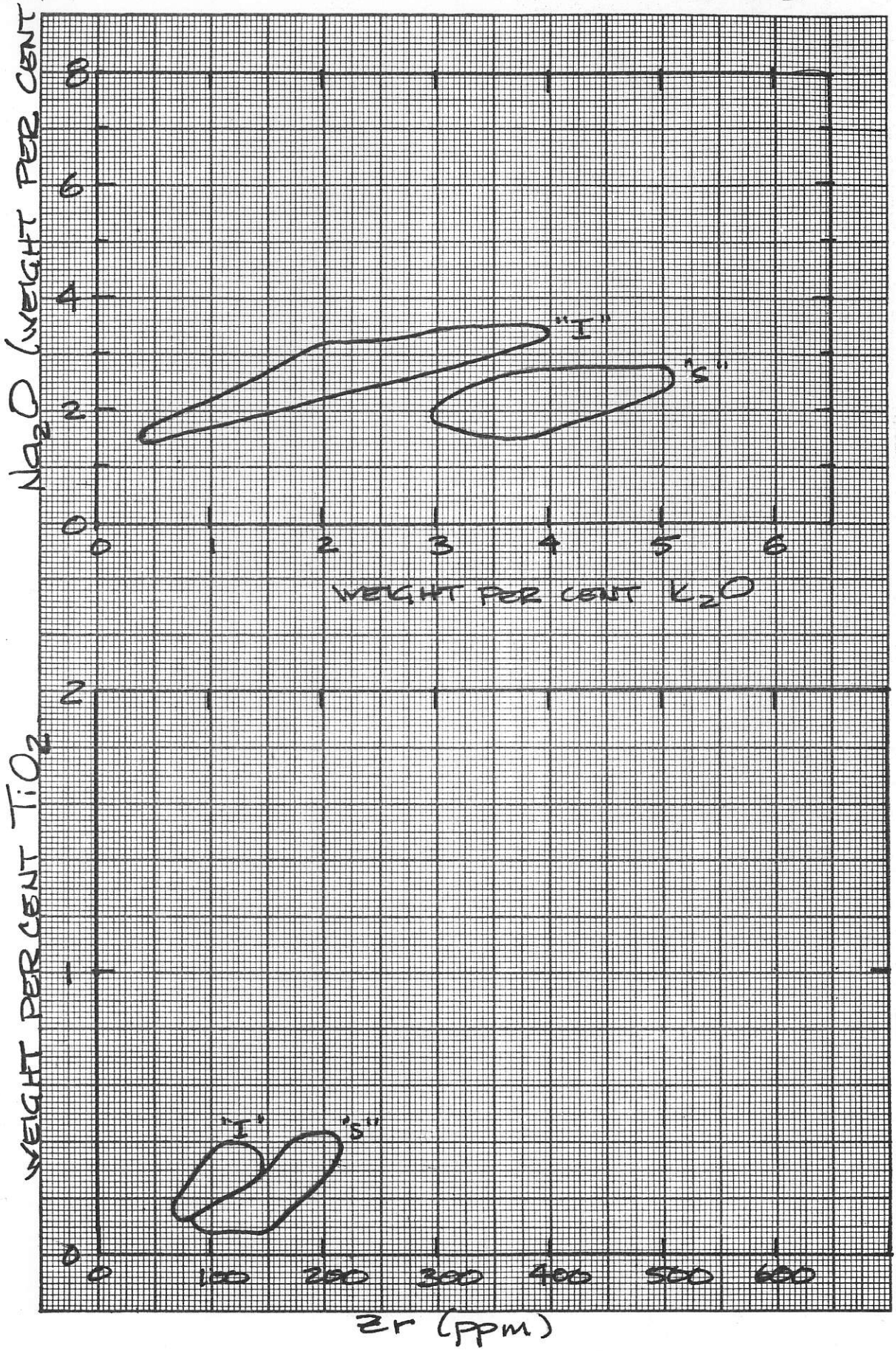
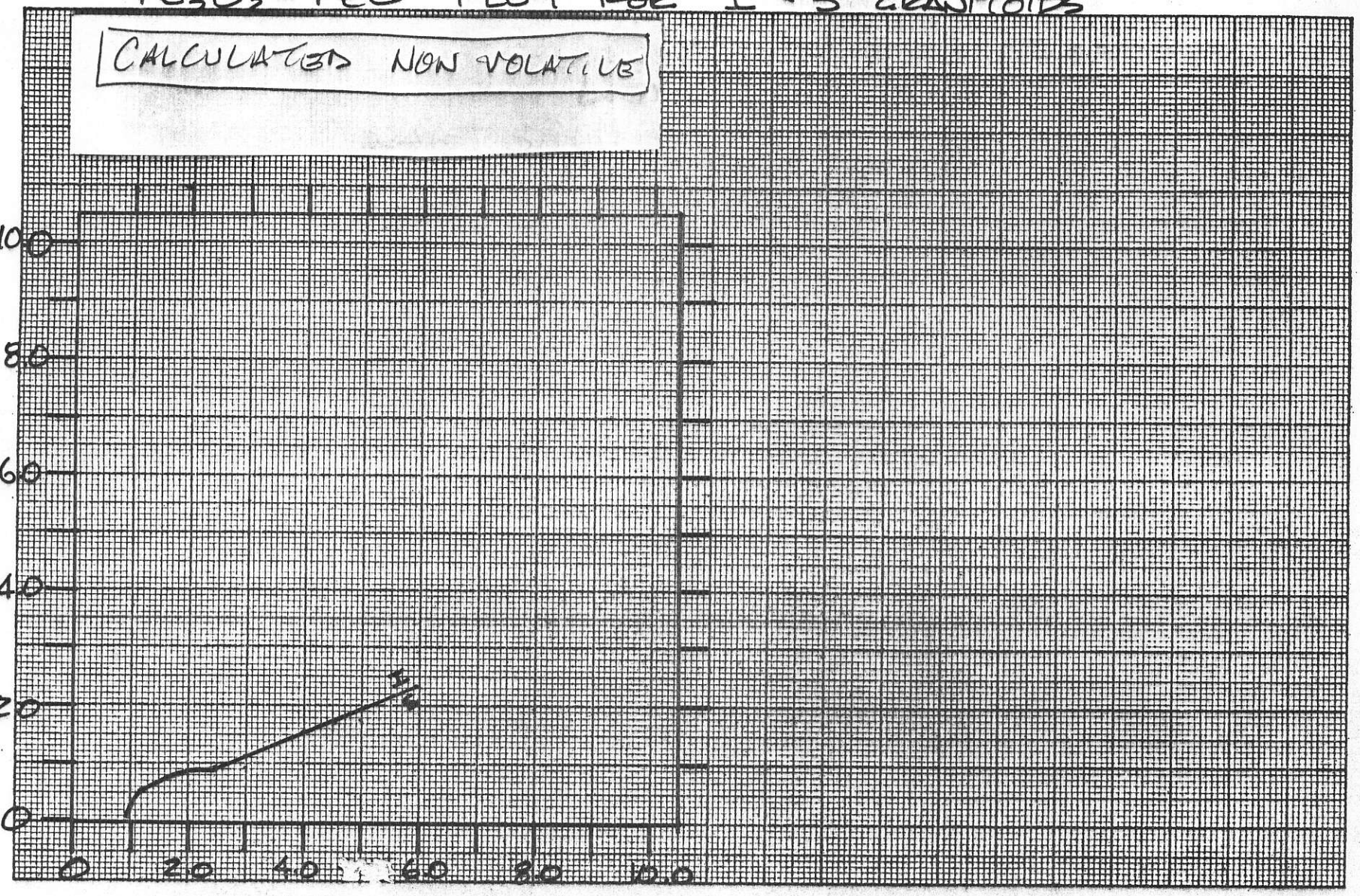


$Na_2O - K_2O$ & $TiO_2 - Zr$ PLOTS FOR I- & S-TYPE GRANITOIDS



CALCULATED NON VOLATILE

Fe_2O_3 - FeO PLOT FOR I & S GRANITOIDS



(compiled from Hine et al 1978, Figure 6;
EQN FOR STRAIGHT PART OF I-S DIVIDING LINE
IS $Fe_2O_3 = 0.4\ FeO - 0.06$)