

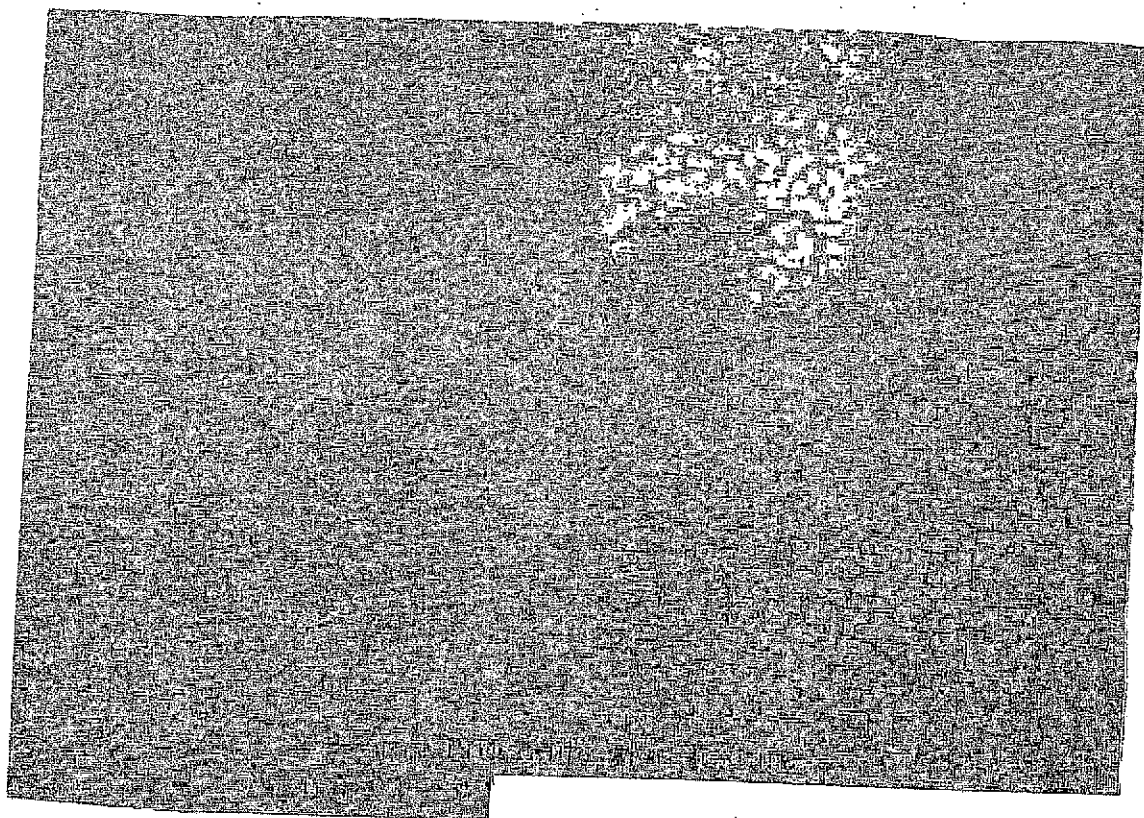


Fig. 1

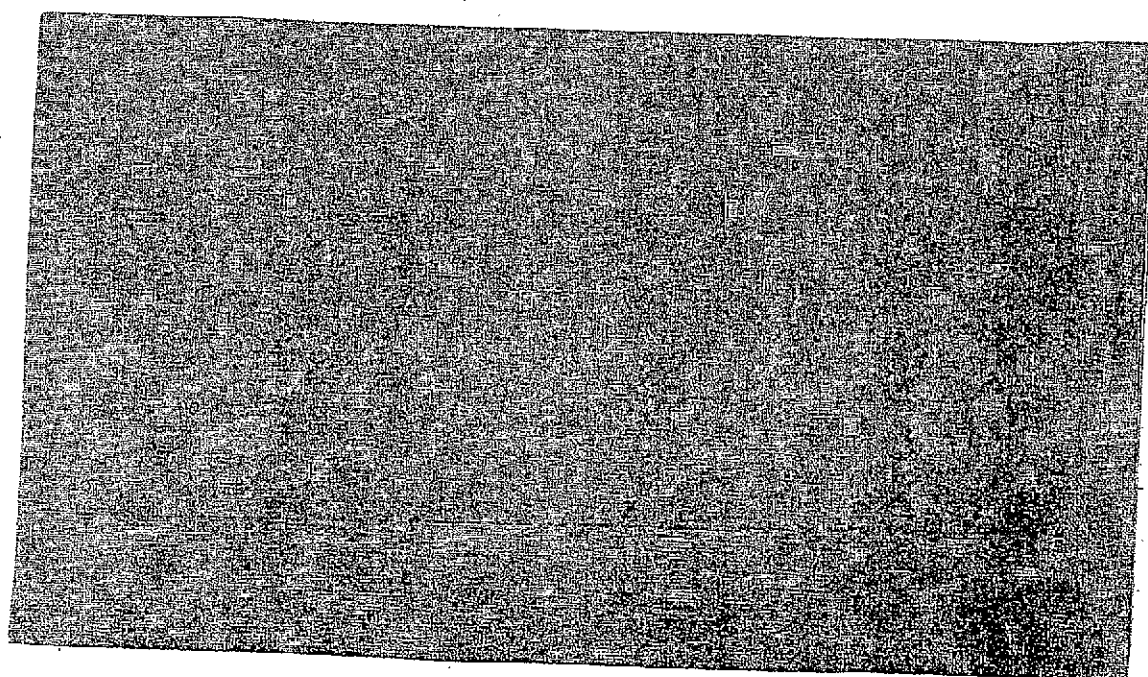
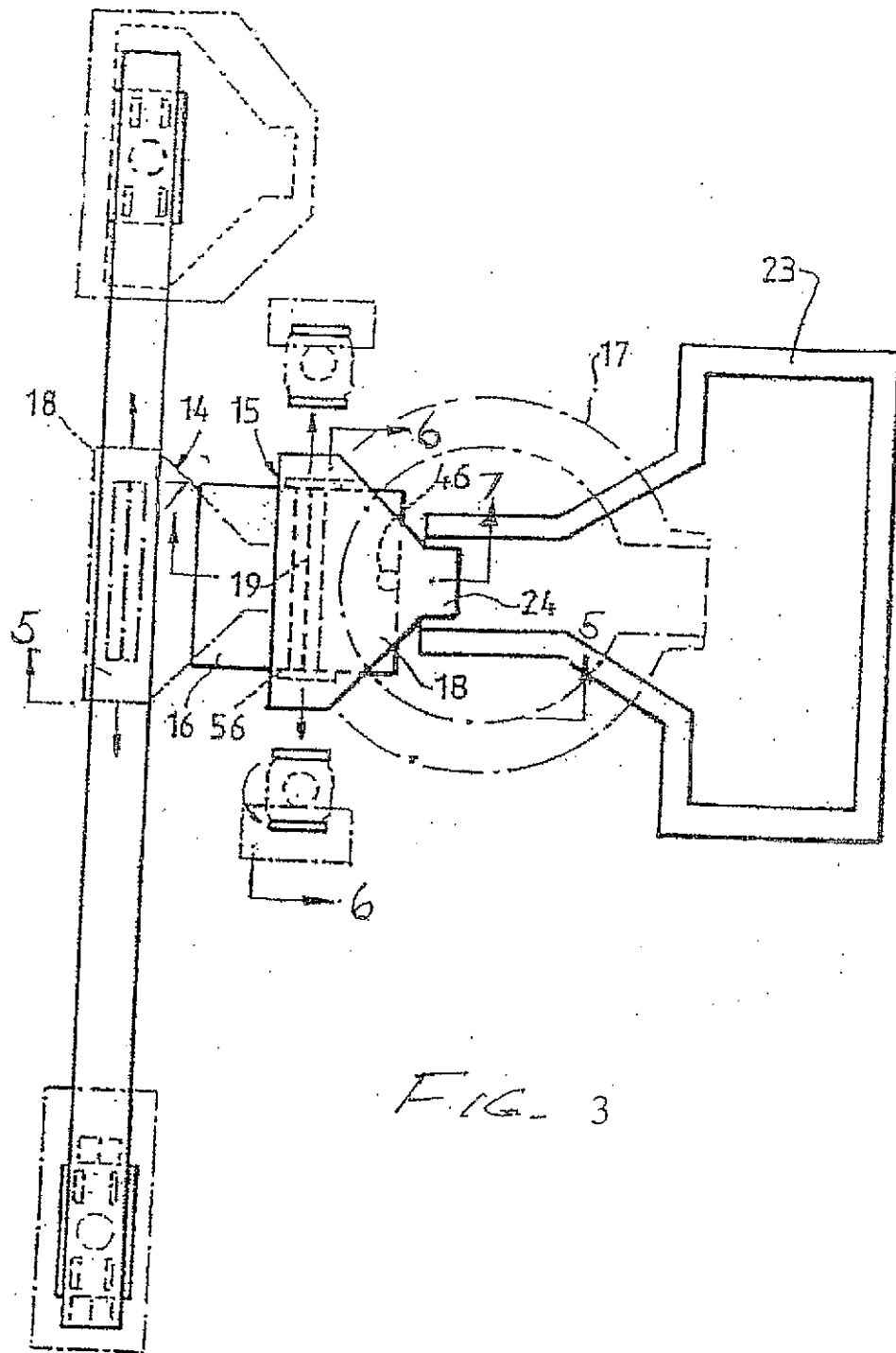


Fig. 2



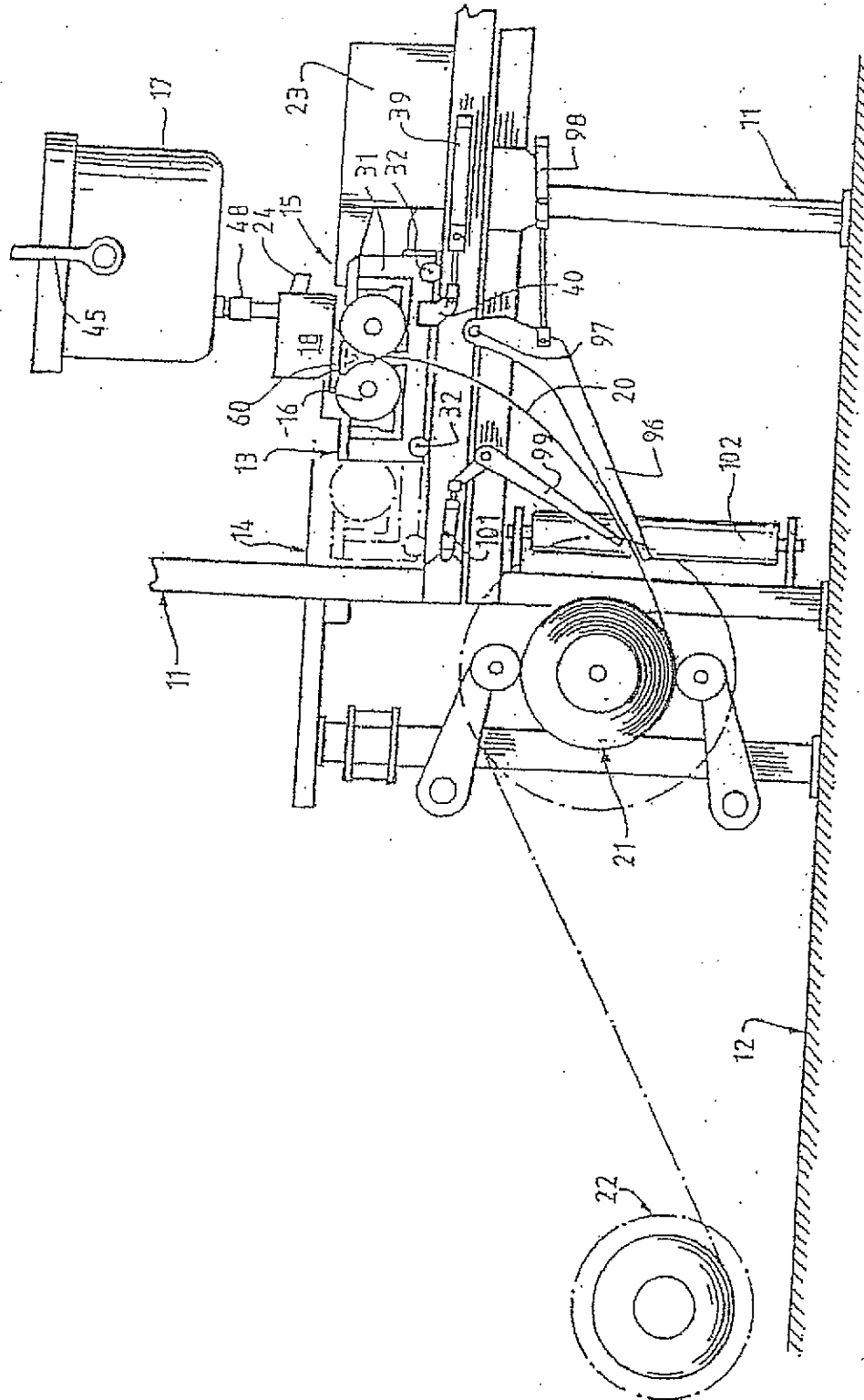


FIG. 4

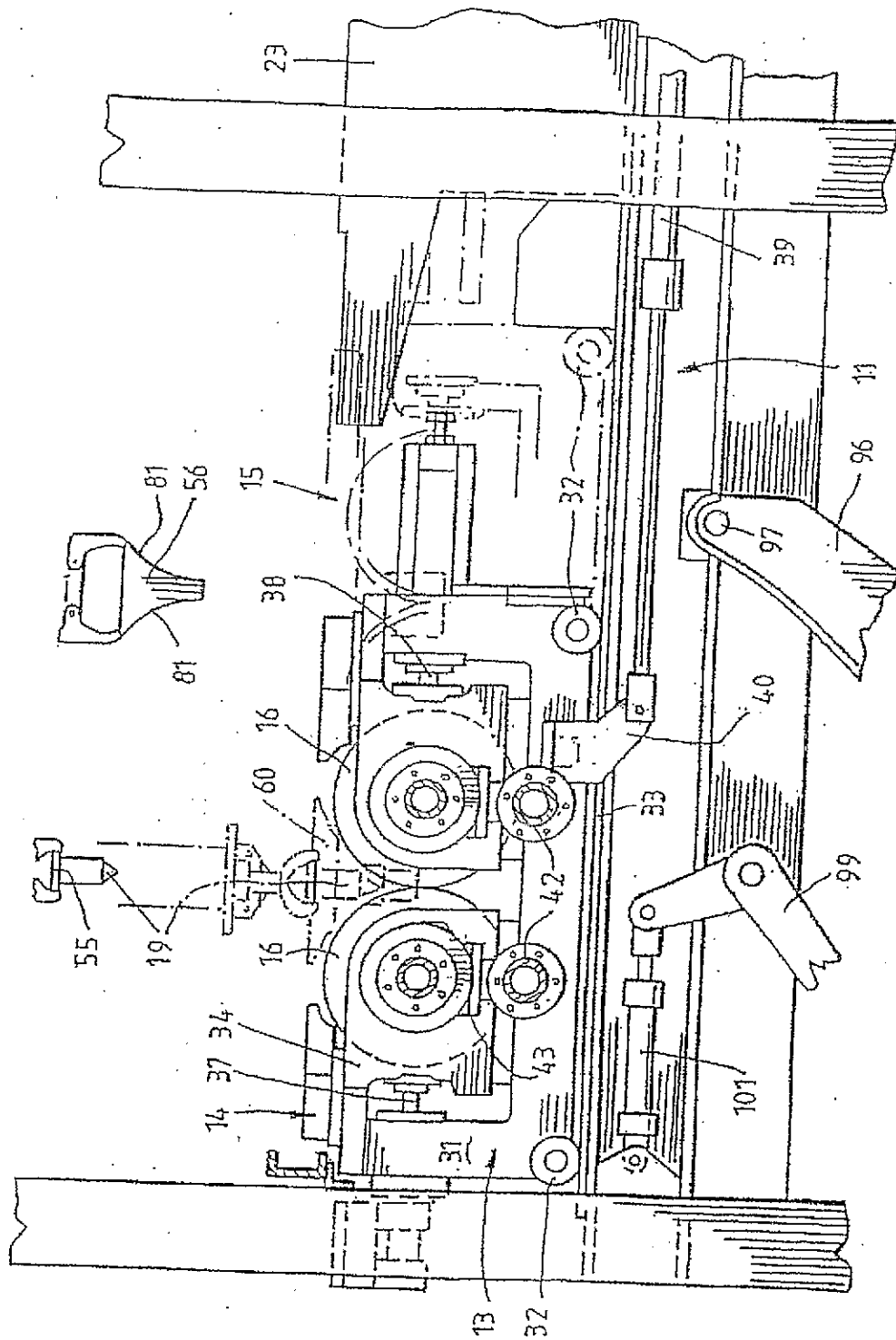
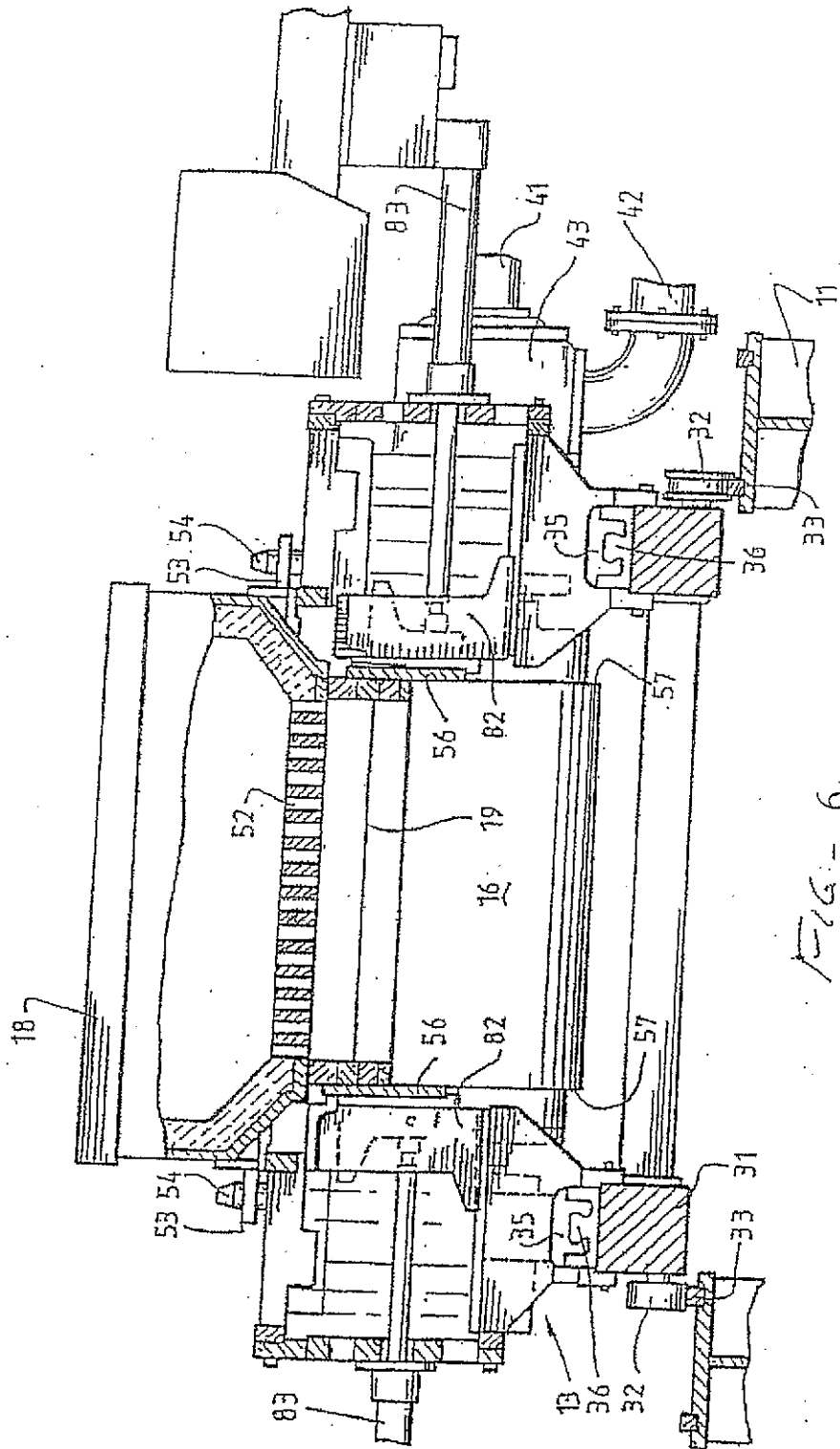
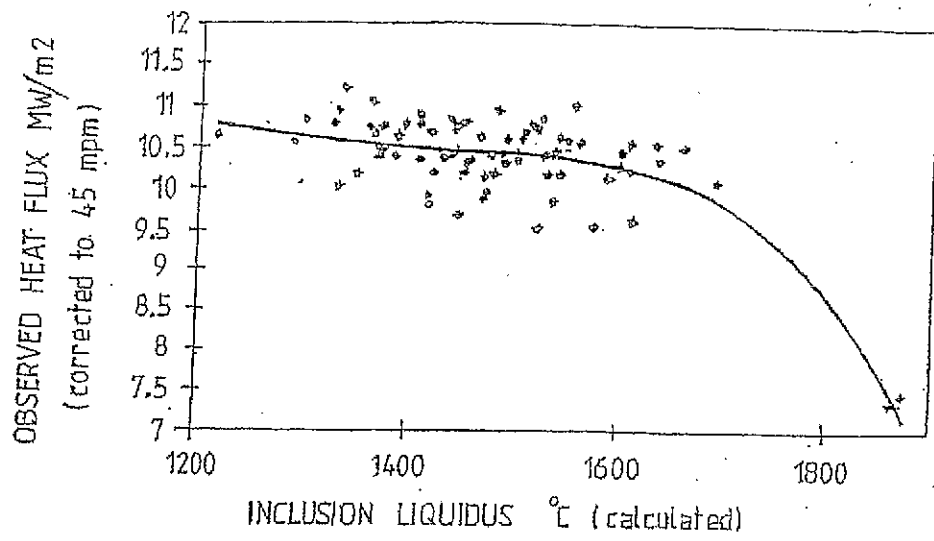


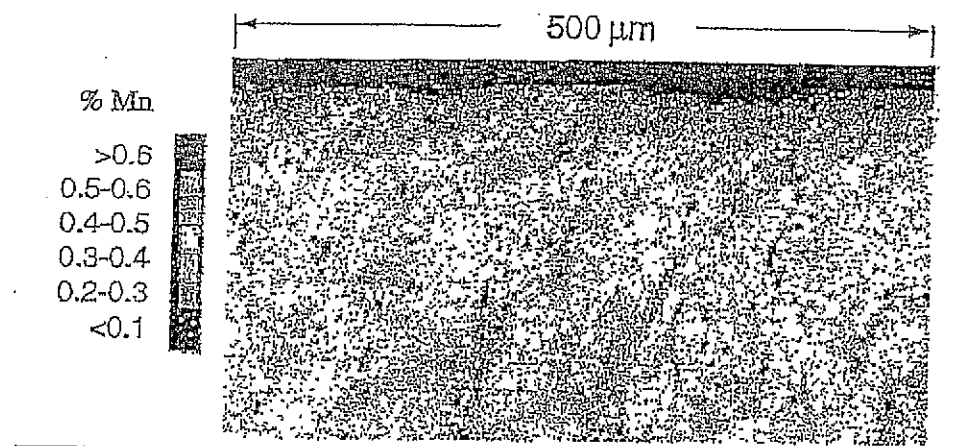
FIG. 5



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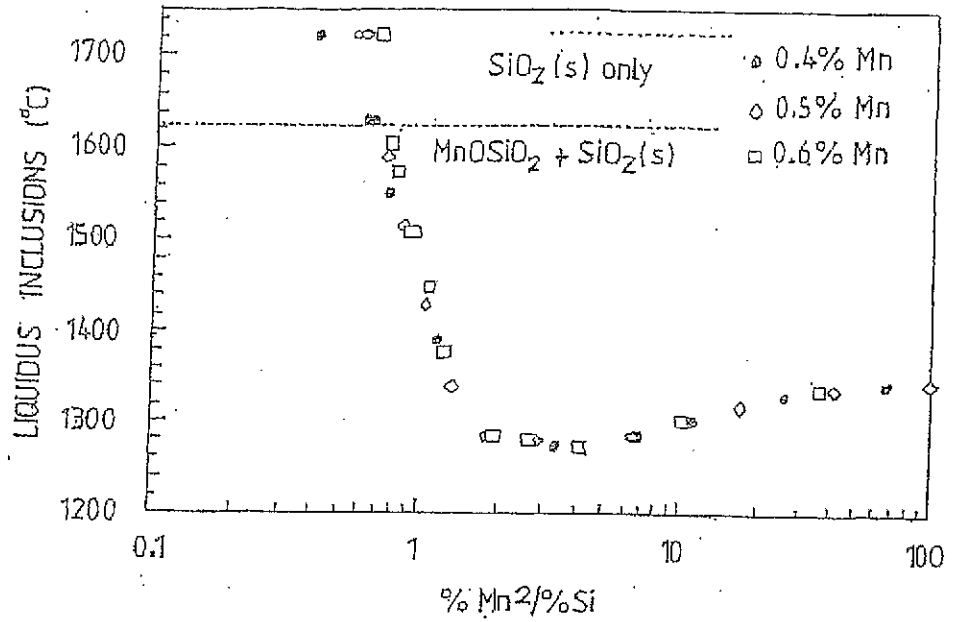


III 8

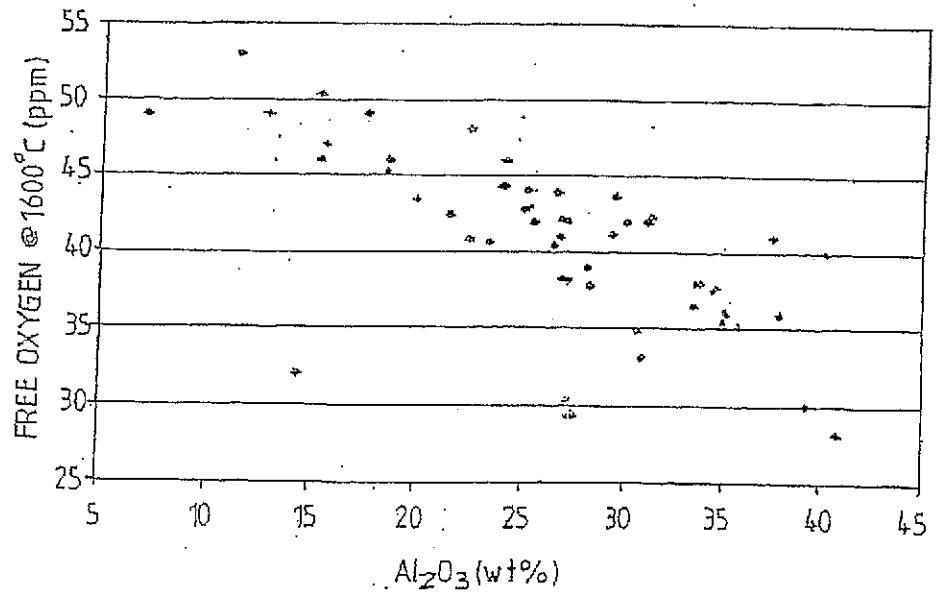


III 9

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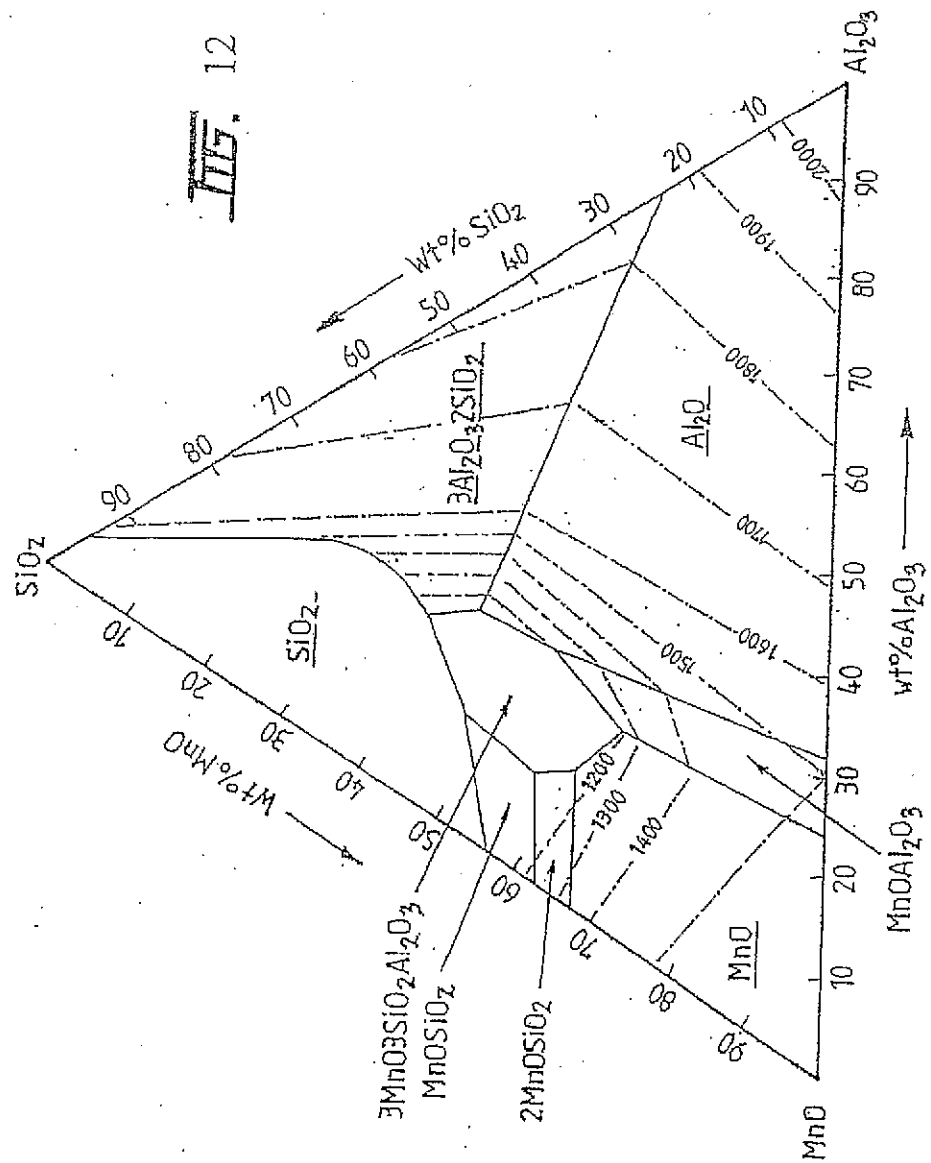


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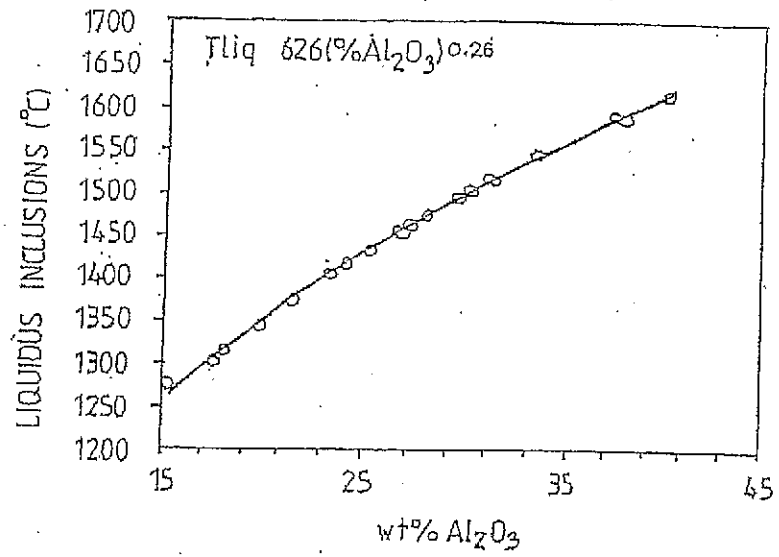


III 11

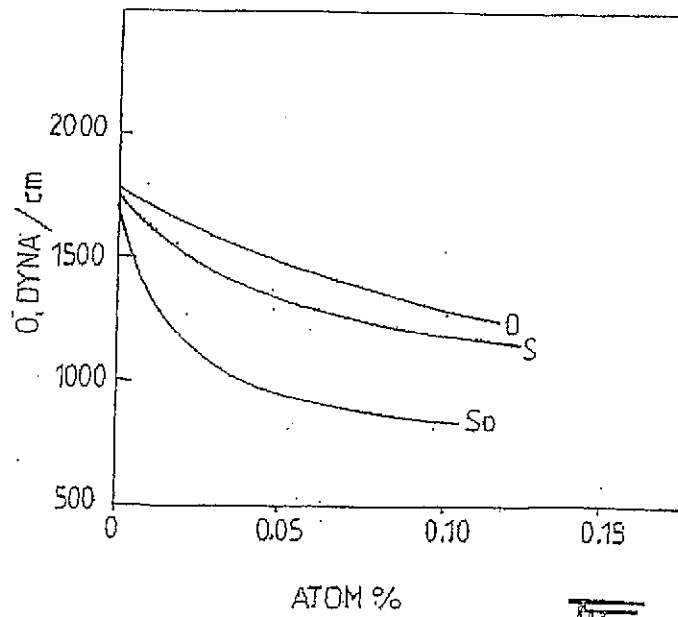
Fig. 12



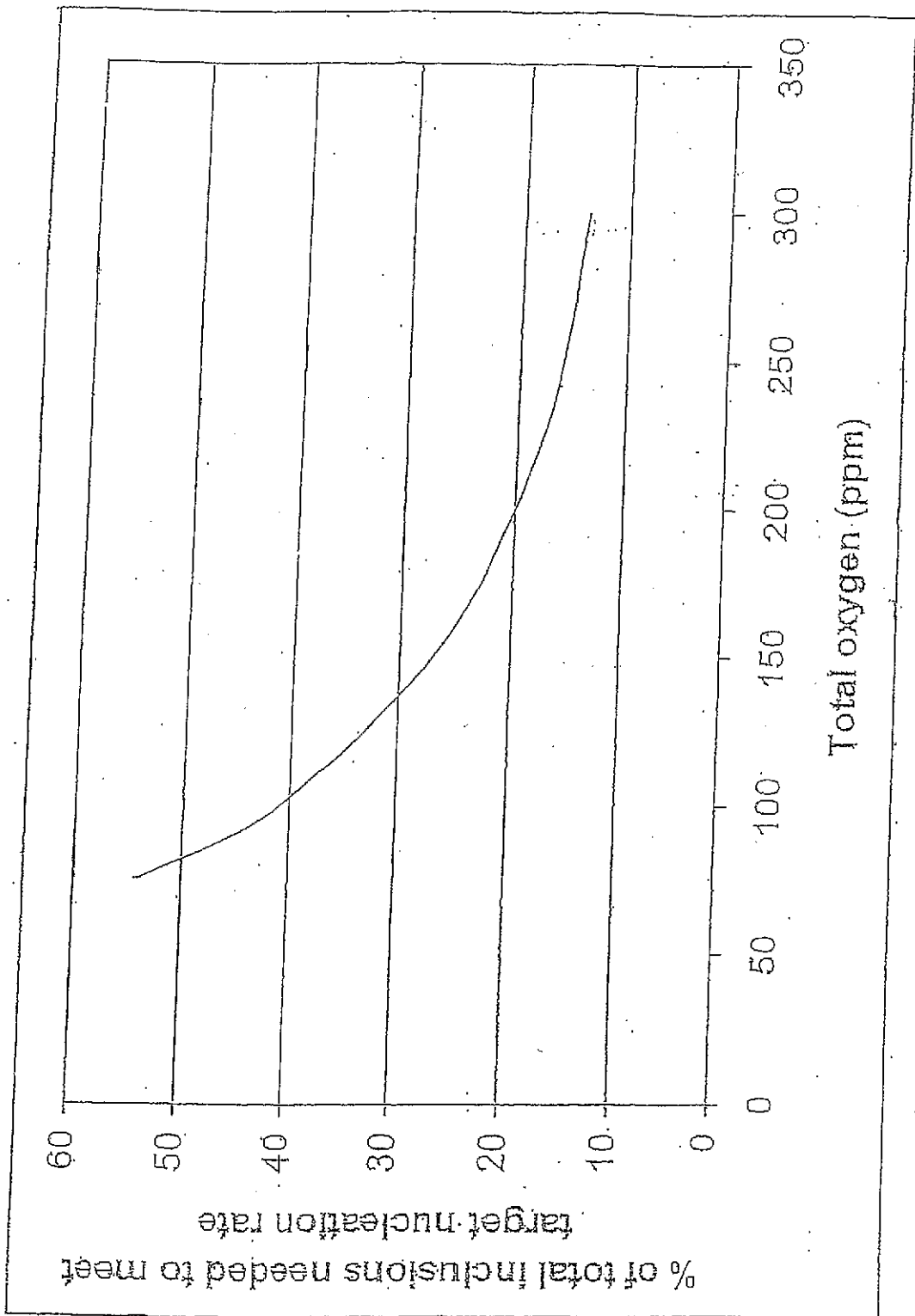
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III. 13



III. 14



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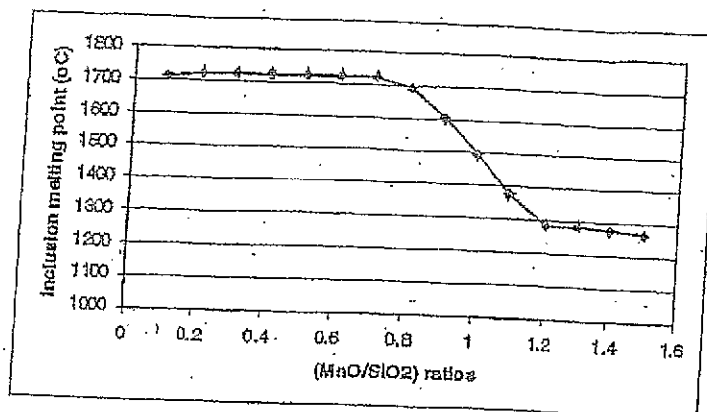


FIG. 16

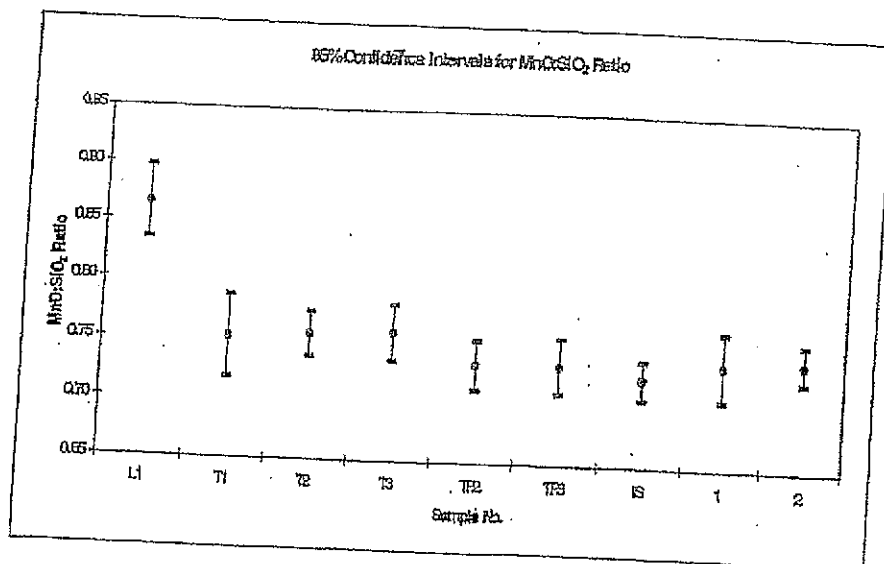


FIG. 17

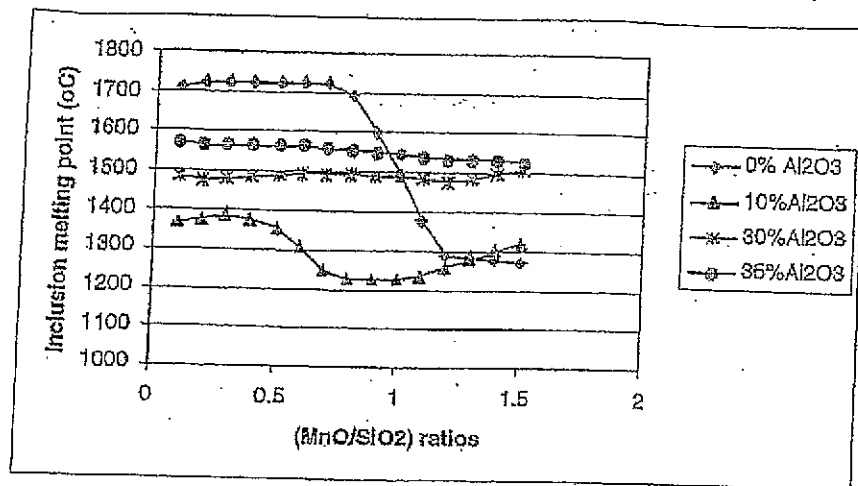


FIG. - 18

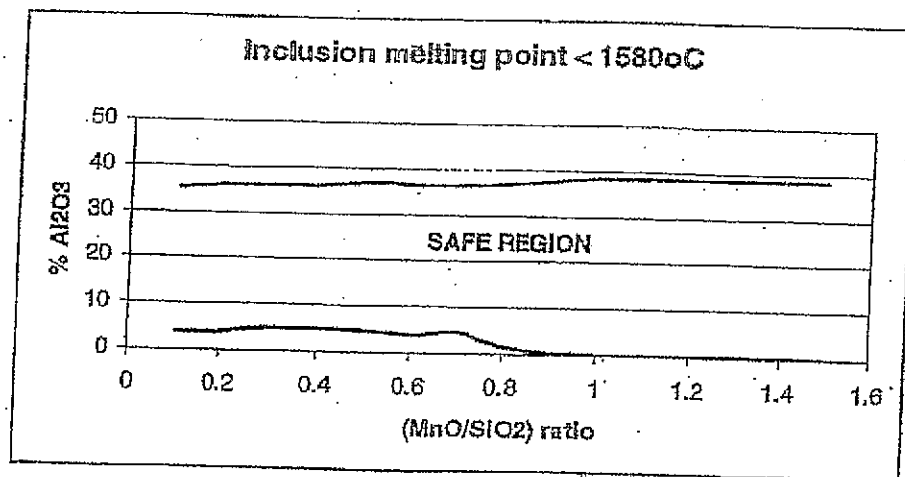


FIG. - 19

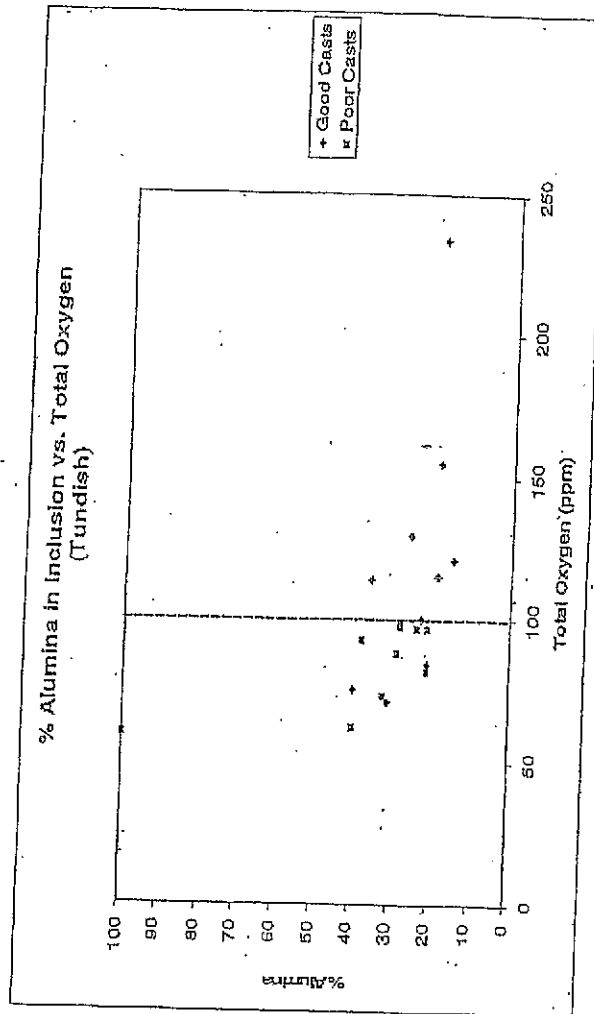
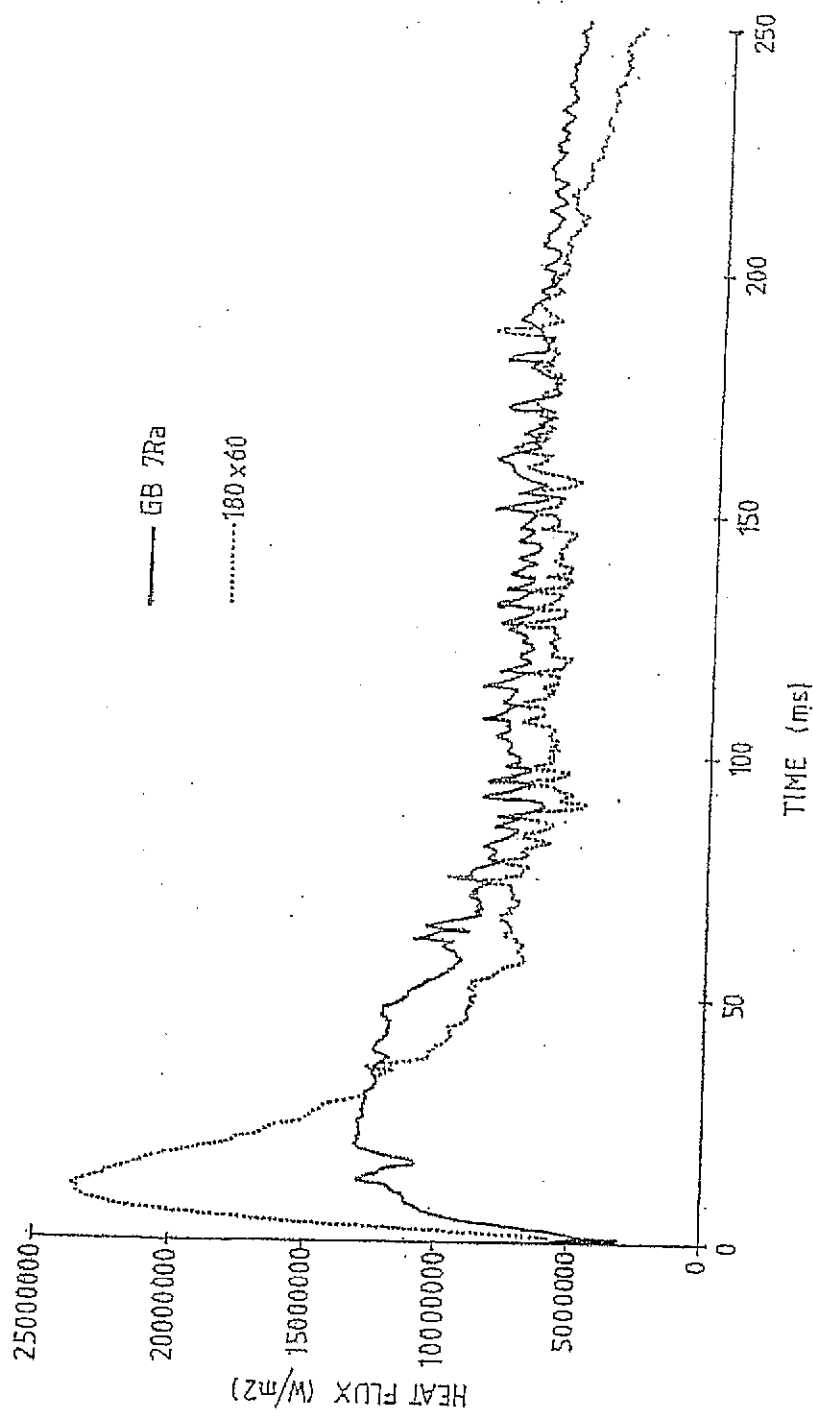


Fig. 20

III. 21

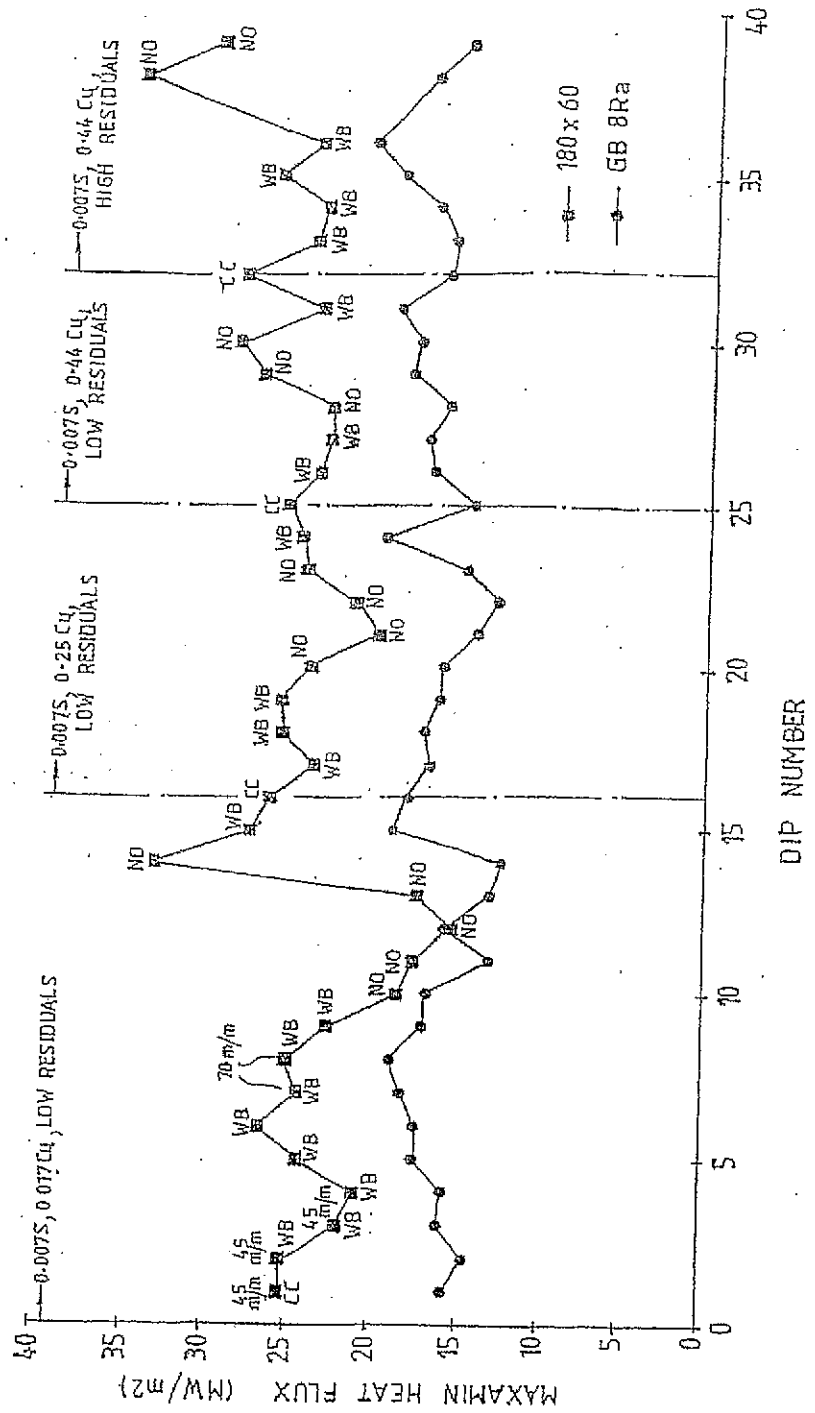
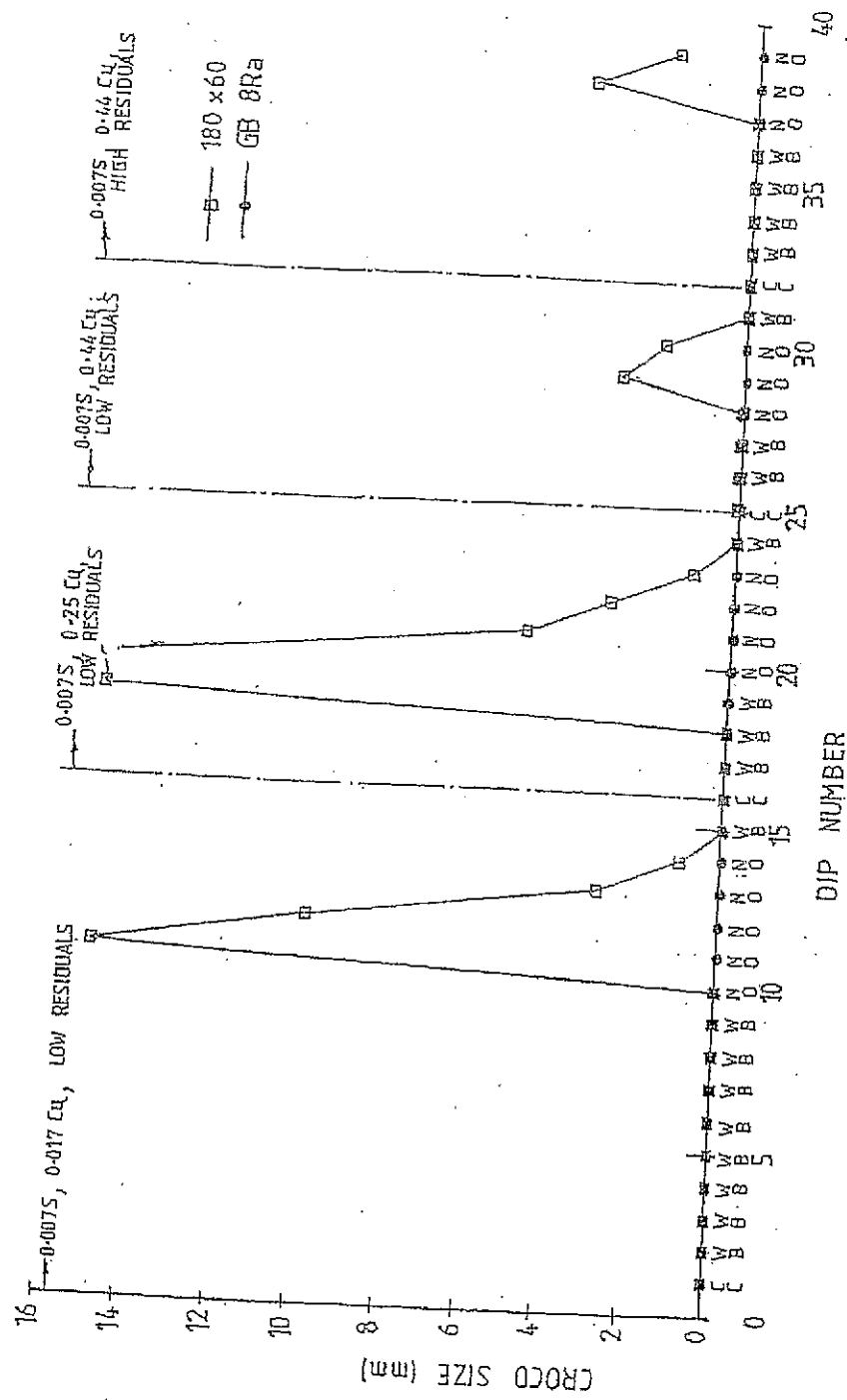
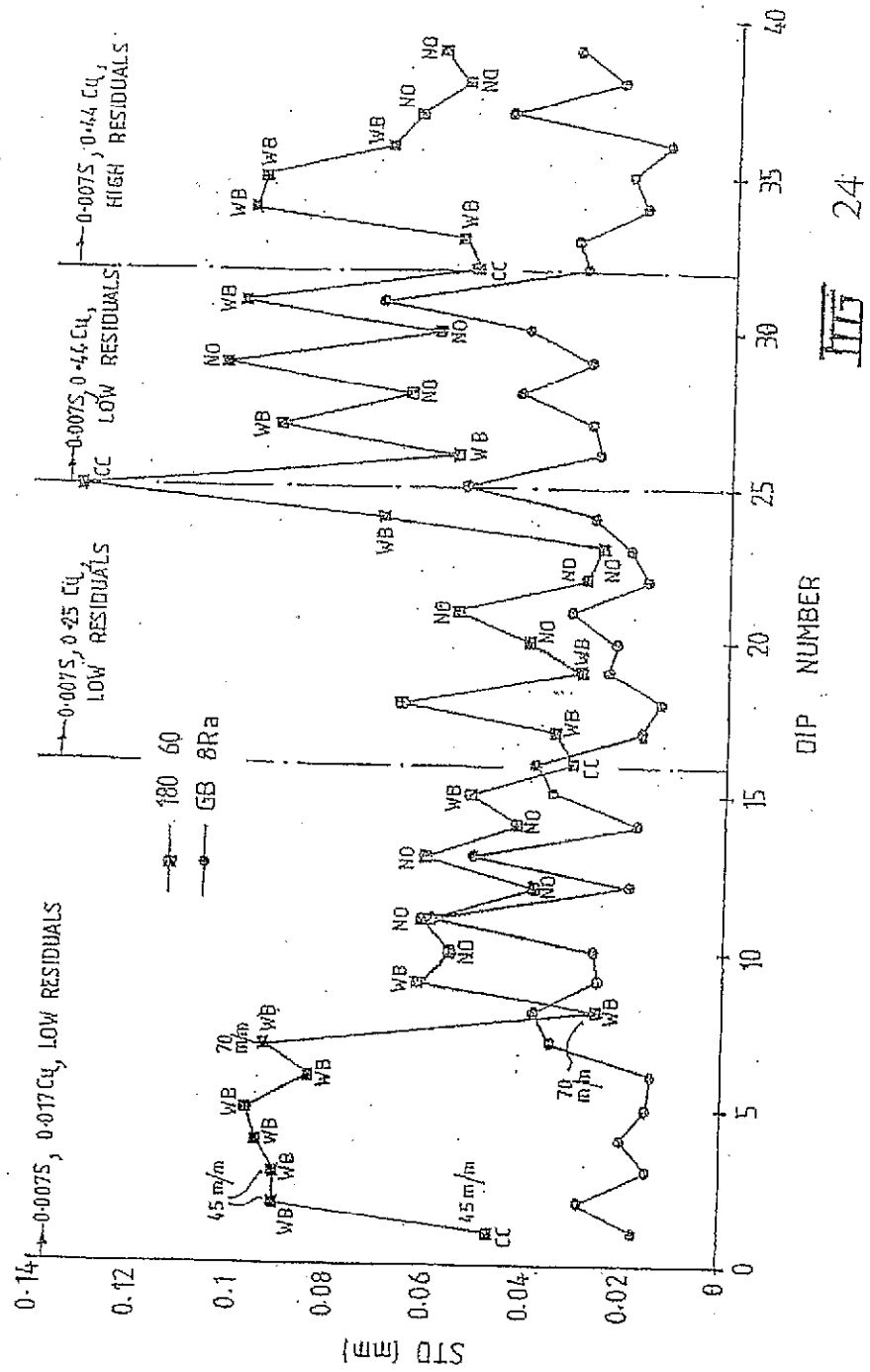


Fig. 22

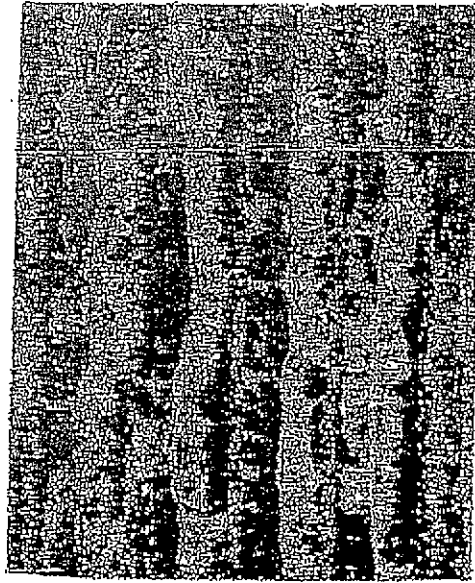


III 23

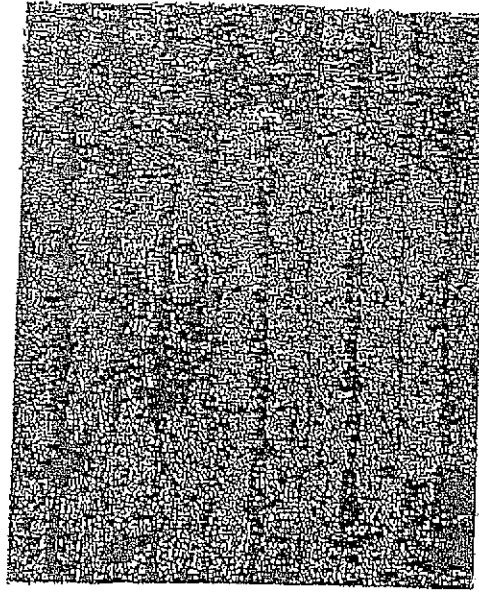


SURFACE NUCLEATION, Ridge Textures: 180x20 and 180x60, (0.06 C, 0.01 S)
(After several no cleaning steps)

180x20 ridges



180x60 ridges



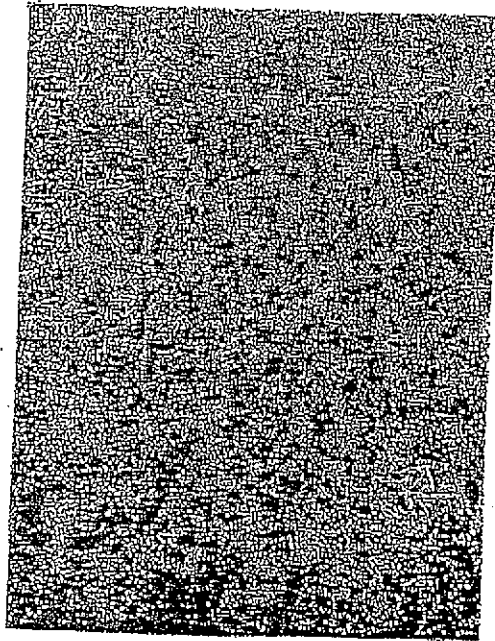
III 25

MAGNIFICATION X100

III 26

SURFACE NUCLEATION, PYRAMID AND GRIT BLAST SUBSTRATES, (0.06 C, 0.01 S)
(After several no cleaning steps)

Pyramid (160x20)



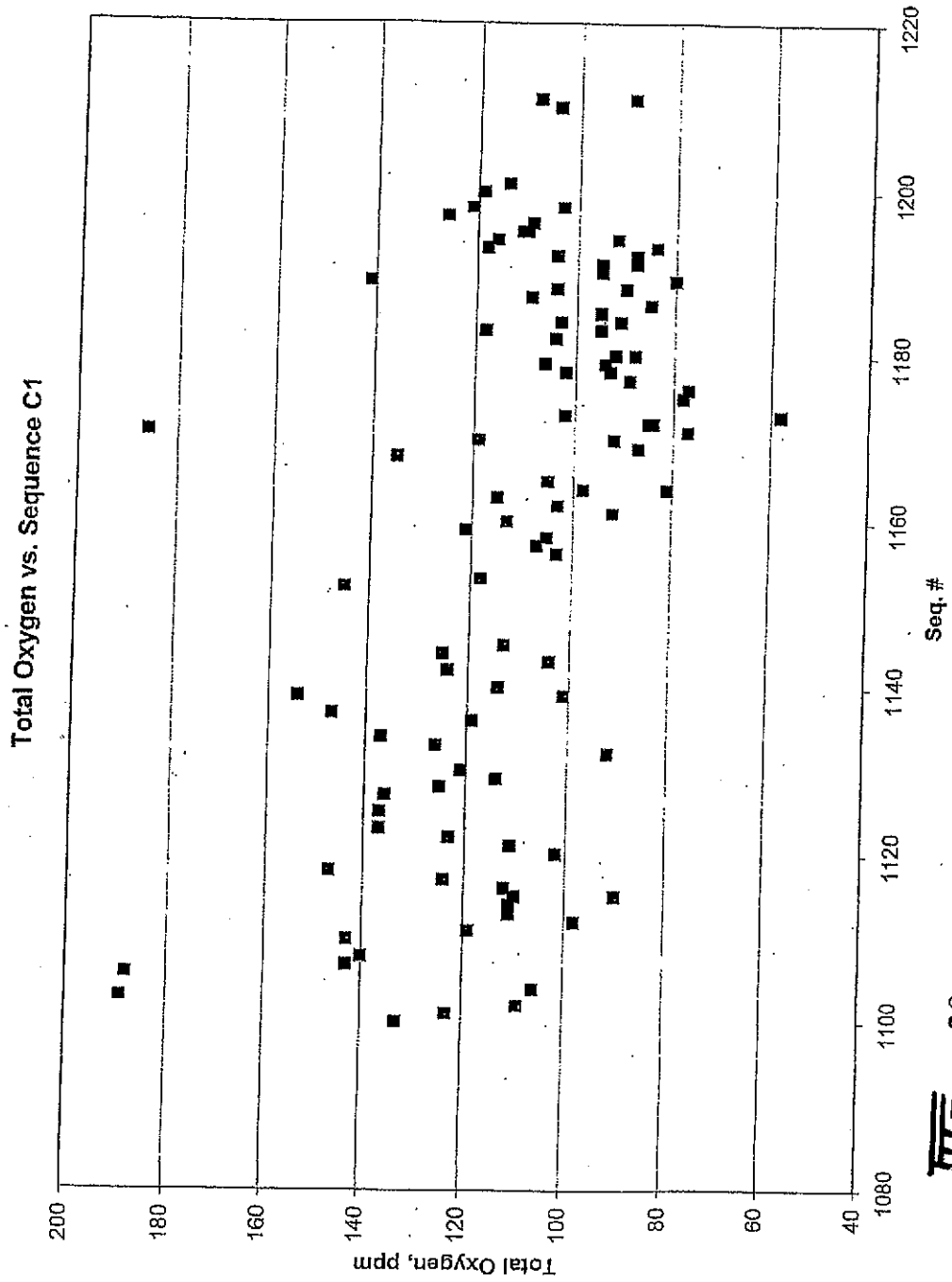
III - 27

MAGNIFICATION X100

Grit Blast (Ra = 10)

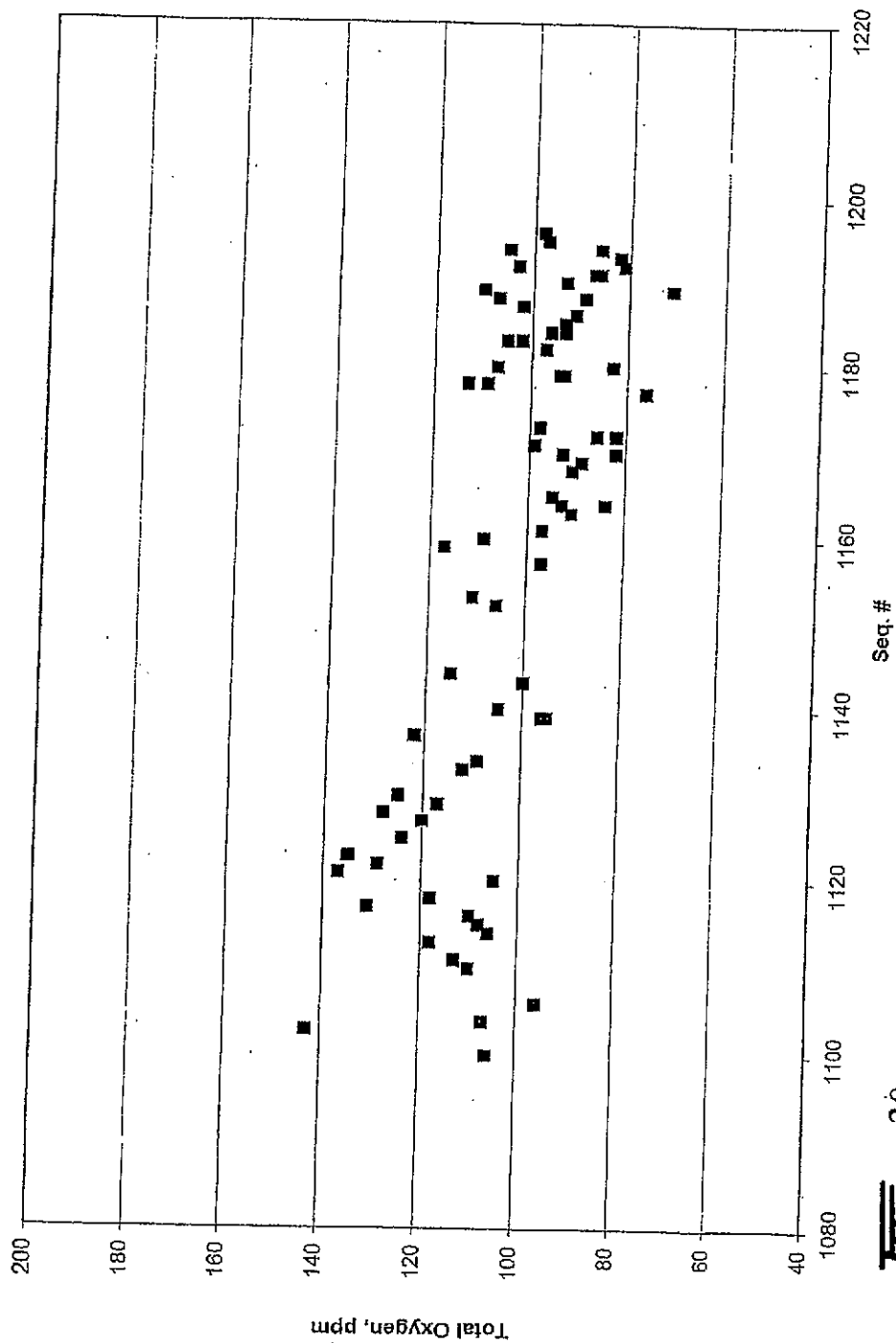


III - 28

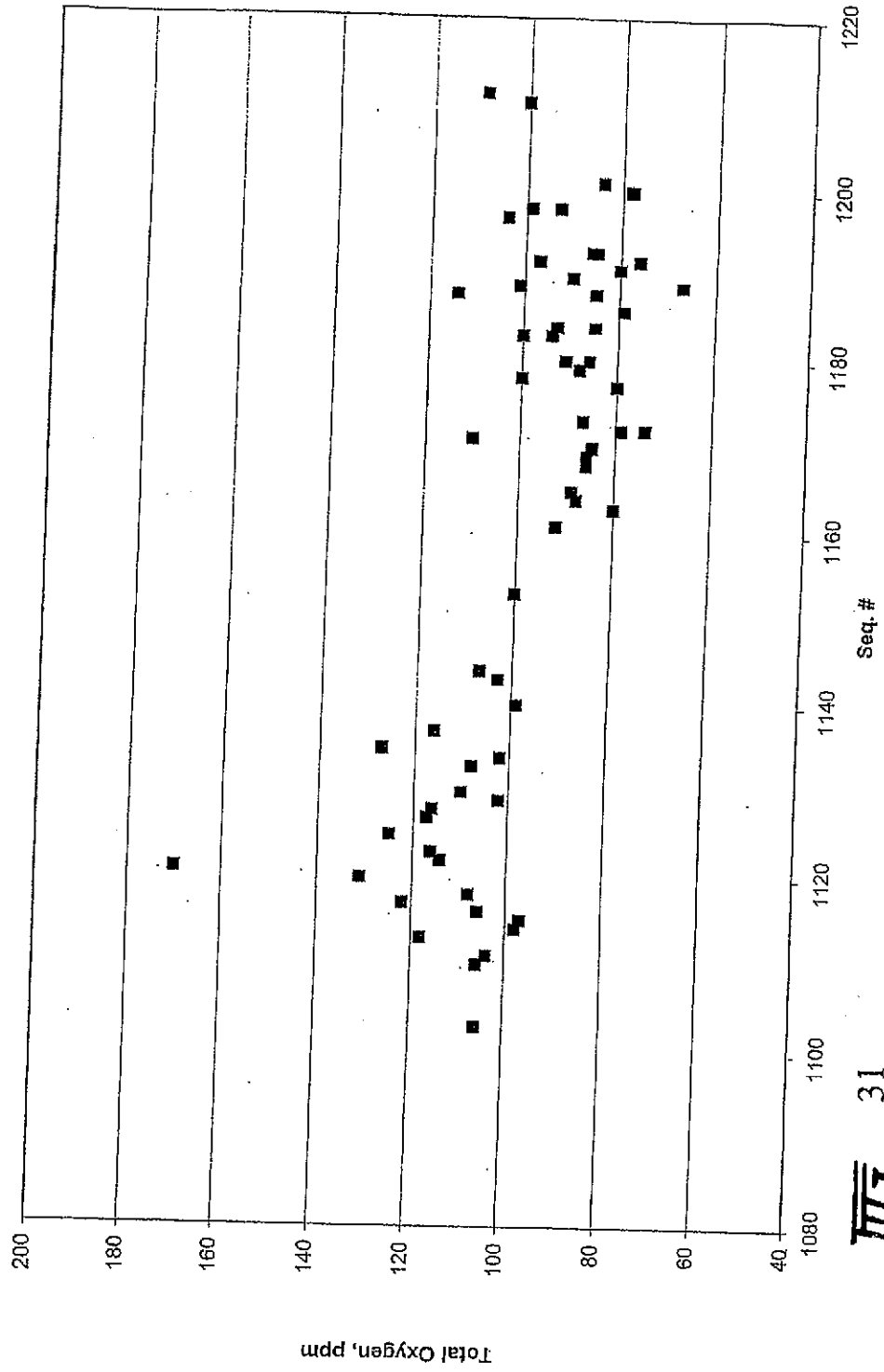


III . 29

Total Oxygen vs. Sequence C2

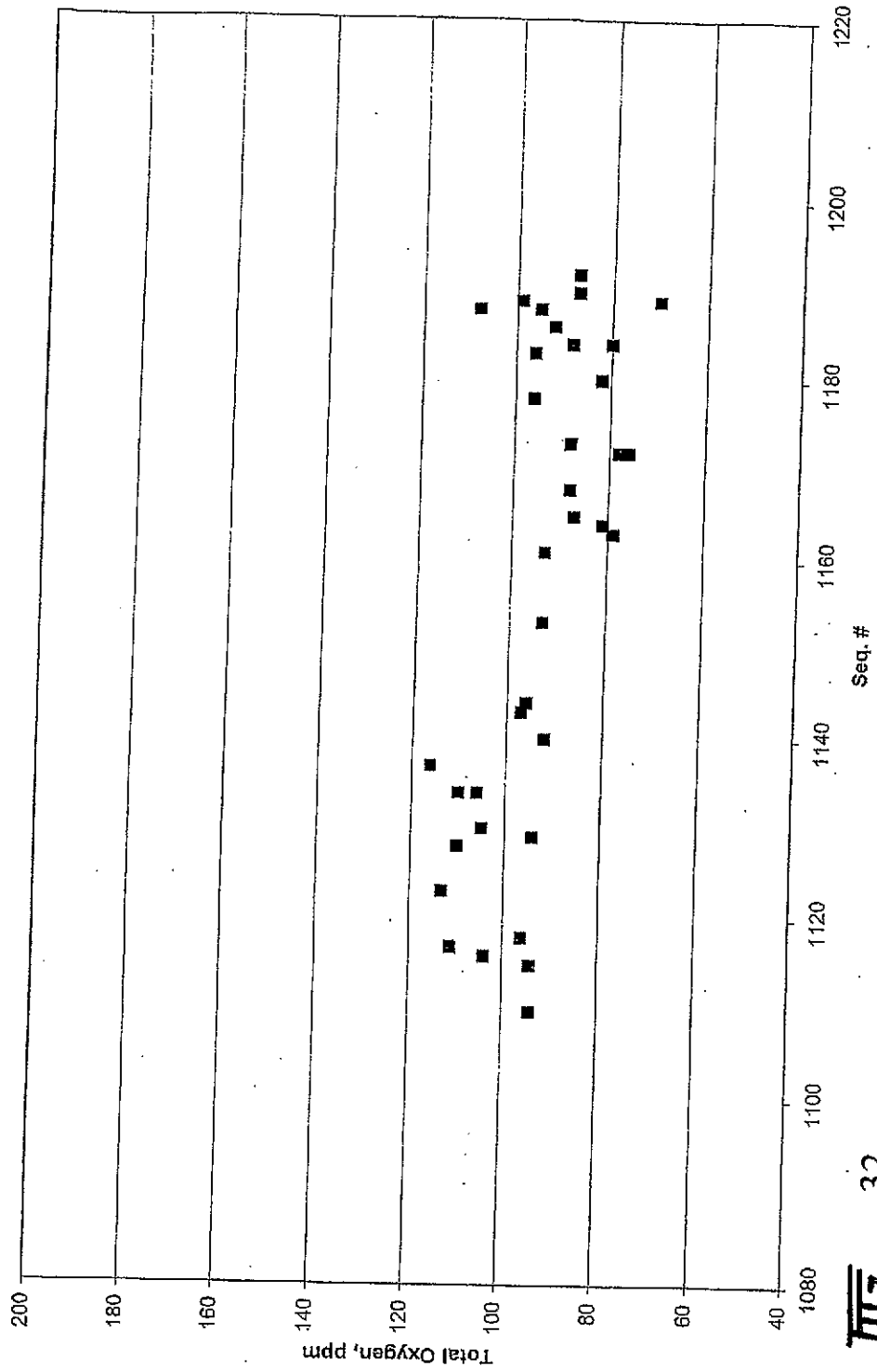
III. 30

Total Oxygen vs. Sequence C3

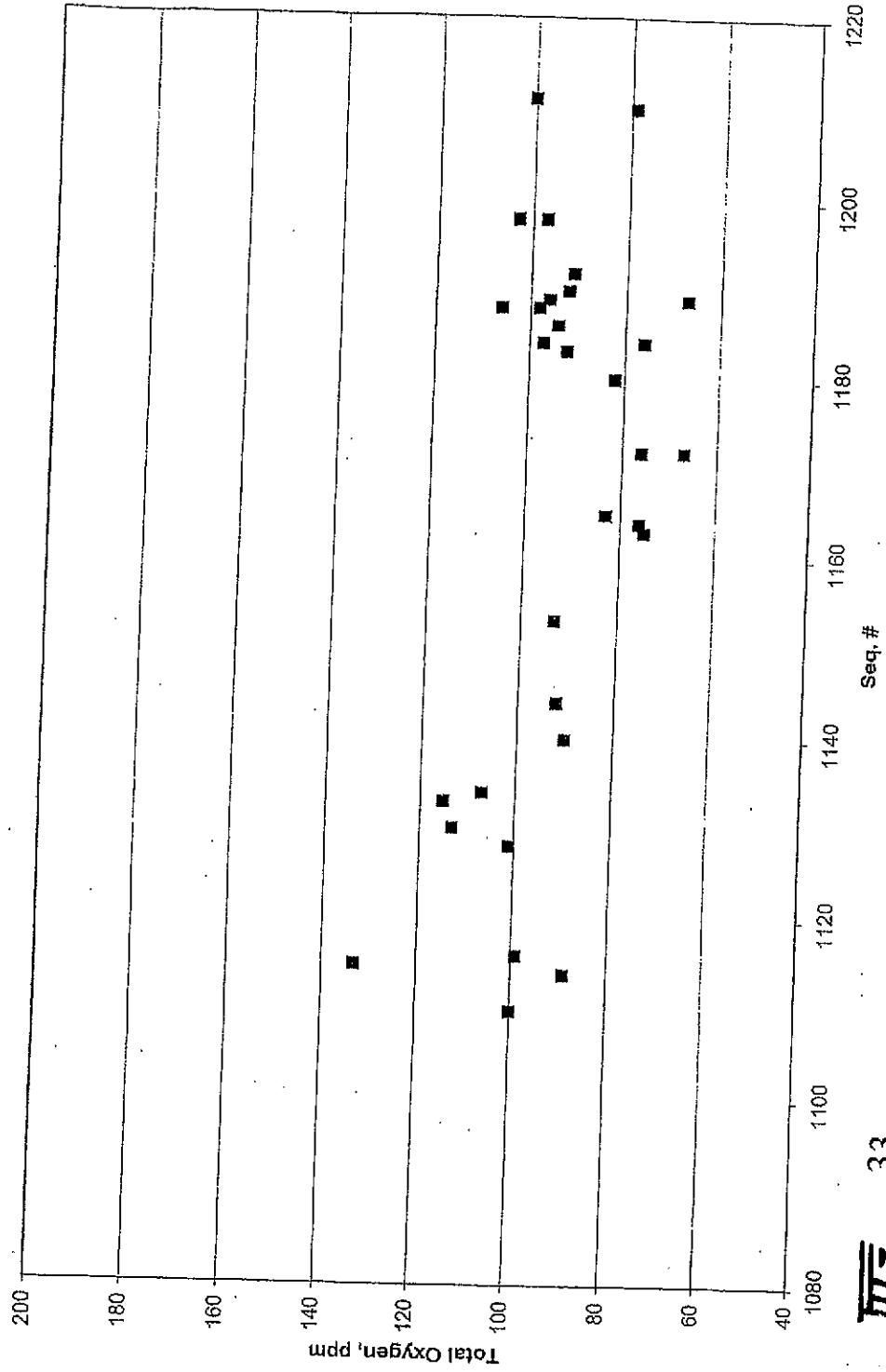


III. 31

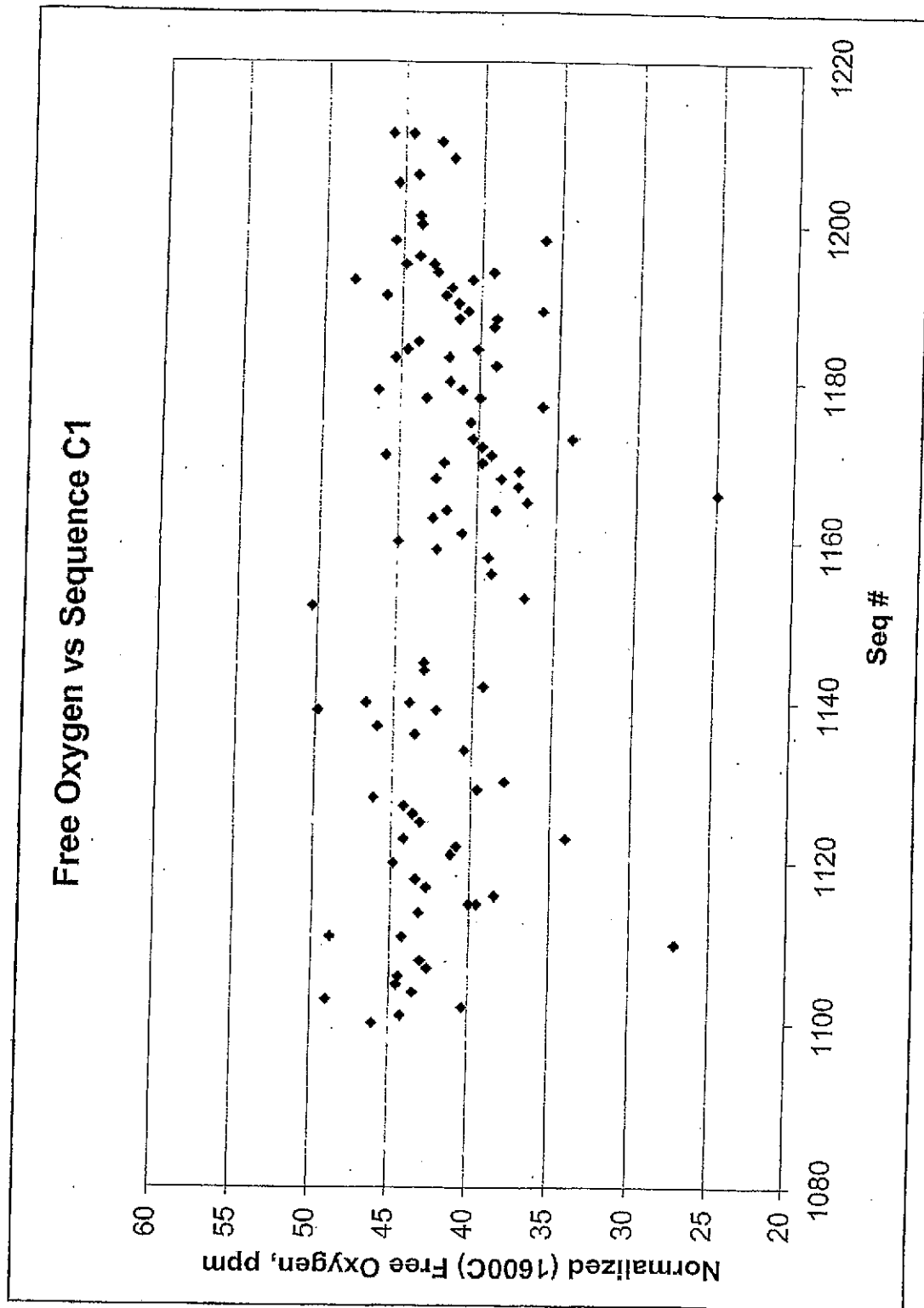
Total Oxygen vs. Sequence C4



Total Oxygen vs. Sequence C5



III. 33



Free Oxygen vs Sequence C2

