

107642

16868

7421

$$\begin{array}{r}
 +0021 \pm 7.6 \\
 +0030 \\
 \hline
 17
 \end{array}$$

$$\begin{array}{r}
 12 \\
 19.7 \\
 -15 \\
 \hline
 17
 \end{array}$$

$$\begin{array}{r}
 9.122 \\
 +10.36 \\
 \hline
 19.482
 \end{array}$$

$$\begin{array}{r}
 42.877 \\
 1900.9 \\
 -15 \\
 \hline
 16 \quad 38.97 \quad 1899.6
 \end{array}$$

$$\begin{array}{r}
 -103 \\
 \hline
 774
 \end{array}$$

$$\begin{array}{r}
 25.282 \\
 17.541 \\
 \hline
 42.823
 \end{array}$$

$$\begin{array}{r}
 42.835 \\
 86.2 \\
 \hline
 129.035
 \end{array}$$

$$\begin{array}{r}
 884 \\
 \hline
 1110
 \end{array}$$

$$\begin{array}{r}
 36.6
 \end{array}$$

$$\begin{array}{r}
 0 \\
 \hline
 20.68
 \end{array}$$

$$\begin{array}{r}
 17.00 \\
 \hline
 1933.85
 \end{array}$$

$$\begin{array}{r}
 37.14 \\
 \hline
 37.54
 \end{array}$$

$$\begin{array}{r}
 37.54 \\
 +3.2 \\
 \hline
 40.74
 \end{array}$$

$$\begin{array}{r}
 293 \\
 146 \\
 \hline
 439
 \end{array}$$

37.

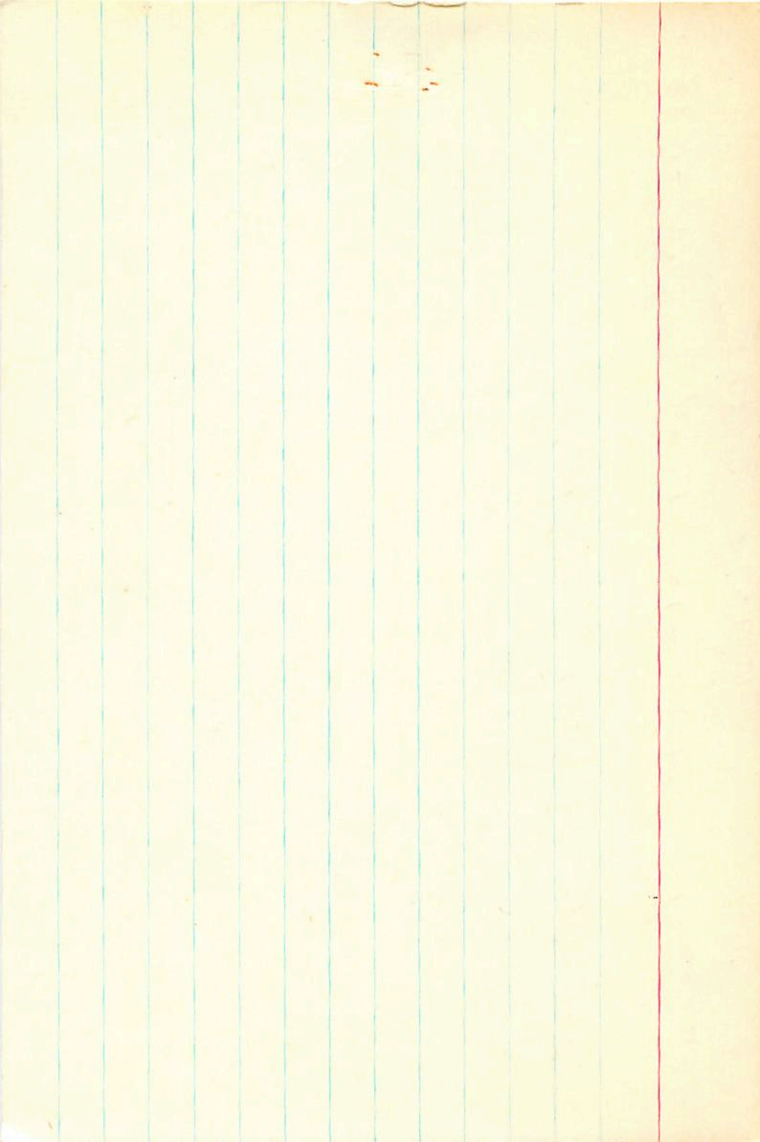
$$\begin{array}{r}
 1941.49 \\
 7534 \\
 \hline
 37.7
 \end{array}$$

$$\begin{array}{r}
 20.45 \\
 19.73 \\
 \hline
 40.18
 \end{array}$$

$$\begin{array}{r}
 40.18 \\
 +4 \\
 \hline
 44.18
 \end{array}$$

$$\begin{array}{r}
 37.7 \\
 \hline
 37.9
 \end{array}$$

$$\begin{array}{r}
 40.18 \\
 \hline
 40.18
 \end{array}$$



Com B

12

4.5

20.0

+ 26

40

$$R-A = 4.5$$

$$P = 0$$

126m

$$-0085 \quad -0142$$

$$-0113 \quad -0142$$

$$\boxed{-010 \quad -010}$$

126m: $-0085 \quad -0142$

$$+16 \quad +44$$

$$-0150 \quad -0165$$

$$\boxed{-013 \quad -012} \quad \leftarrow$$

+16

$$+26 \quad +33 \quad -0011 \quad -016$$

$$+25 \quad +21 \quad -0013 \quad -008$$



$$\rightarrow \boxed{-012 \quad -011}$$

86m $-0013 \quad -014$

$$-0012 \quad -015$$

$$+ \quad -00110 \quad -0147$$

$$-015$$

$$+16$$

$$\boxed{-013 \quad -010}$$



52



9.000*

12.000*

20.000*

25.000*

40.000*

-3.015*

-3.012*

4.500*

79.433

3.000

0.025

0.069

1.985

-3.000

-3.069

-5.328

-3.000

3.994

-3.621

57



9.898*

12.000*

23.000*

25.000*

43.000*

-3.012*

-3.011*

4.500*

73.433

3.000

3.023

3.089

1.847

-3.073

-3.089

-3.816

-3.007

3.994

-3.572

52

T A 3

-15.3 pcu

10.81 + 0.90 + 0.57

→ 4.00



3.000*

12.000*

23.000*

25.000*

43.000*

-3.010*

-3.010*

3.500*

73.433

3.000

3.017

3.039

1.383

-3.064

-3.069

T A 14

5

ocw

759.9

10.00 10.79 10.33

3.80

→

108

T A 21

10.88 + 0.83 + 0.42

⇒ (3.90)

(28.1) OCH

126m 4.83 + 0.495 + 0.265 + 11.443_{Jan} A Sp: B, P = 396.
107700 12 20.0 + 26.07 4.8 dF2 + 0.5a

16873 46 8.3 dF8 -1.68

7429 -0011 -016 N30

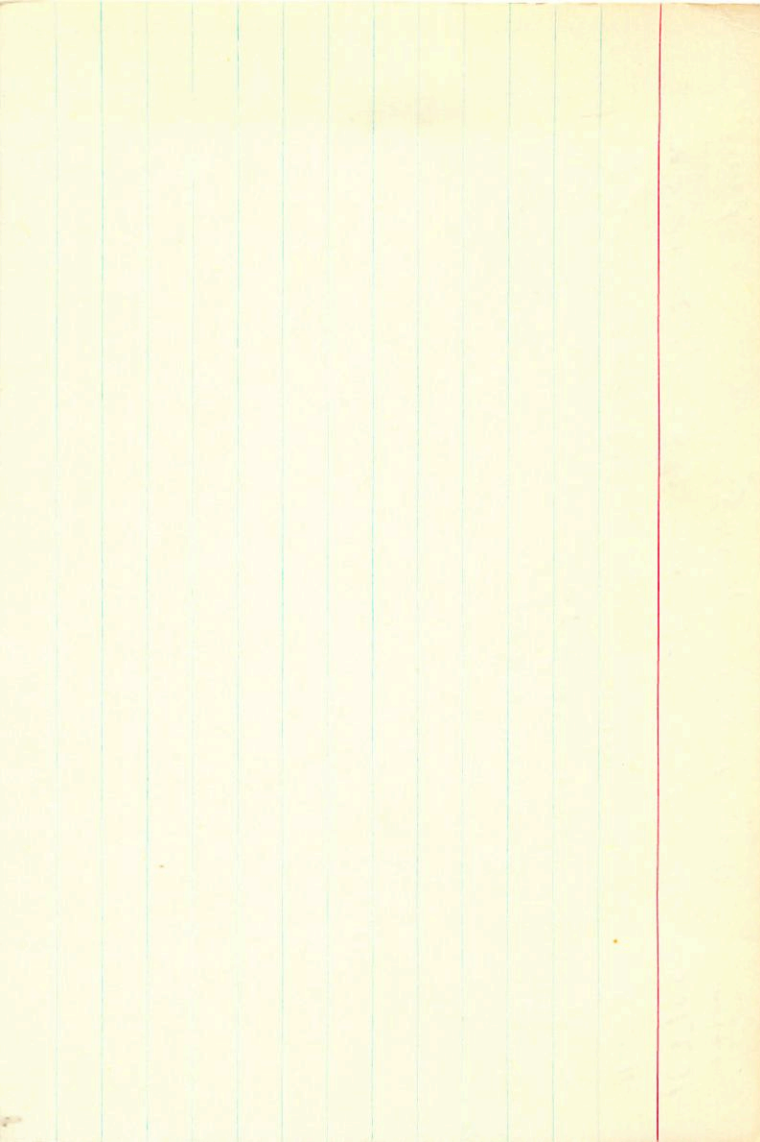
A059530 -0007 ± 1.4 -011 ± 1.4

GO III - IV + A3 X

Monstrata n2

9m 66"

Dm = 0.75



+49,2132

40107740

12

20.1 448

38

-0018 1004

$$\begin{array}{r}
 53.03 \\
 13.682 \\
 \hline
 66.712 \\
 66.090 \\
 \hline
 .622 \\
 \hline
 624
 \end{array}$$

1926.1

$$-0039 + 014$$

$$-0030 + 010$$

$$\begin{array}{r}
 + 2 \\
 \hline
 -0028 + 010
 \end{array}$$

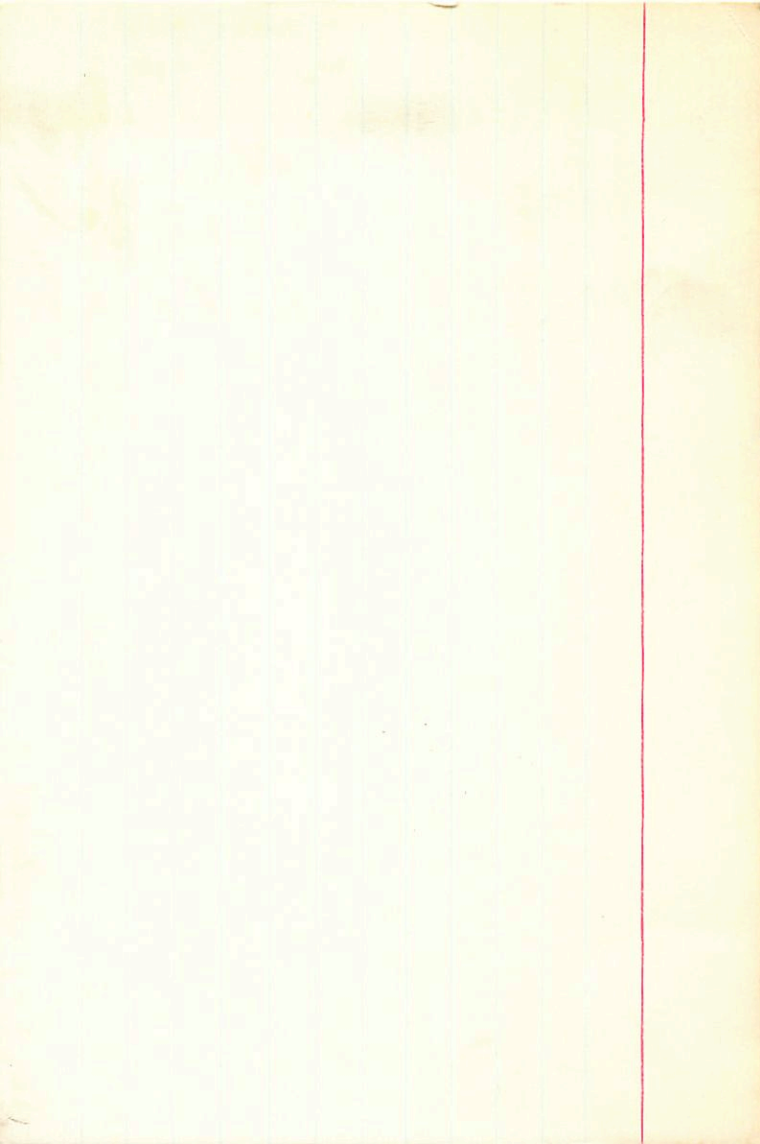
-028

$$\begin{array}{r}
 66.4 \\
 19.42 \\
 \hline
 46.98 \\
 + 14 \\
 \hline
 47.12 \\
 \hline
 47.02
 \end{array}$$

$$\begin{array}{r}
 6.502 \\
 21 \\
 \hline
 523 \\
 \hline
 .103
 \end{array}$$

$$47.68 \quad 1952.25$$

$$\begin{array}{r}
 -30 \\
 \hline
 4738 \\
 \hline
 36
 \end{array}$$



98.4 Dabit used
d66 -57.92

containing

8.00 +0.73 +0.26 G>E R
G>E K<N
18(w)

-457 460 G<

107760 12 20.1 473 3/

G<16874

W7430

Y2852

4740493

+30 -77 -93 .030
+44 -81 -95 .025

$m_1 \text{ mid } C = 0.73$
 $m_2 \text{ " " " } = 0.90$

$\gamma = -92.1$

$K_1 = 67.2 \pm 0.9$

$K_2 = 70$

$C = -0.973 \pm 0.014$

$W = 272950$

$0.32 \pm 11 \text{ G}(18) P = 5.45$

$m_1/m_2 = 1.04$

$Am_v \approx 0.4 \text{ Spectrophotometer}$

-1072 ± 73
-1065

+160 ± 10.0
+179

3.92 / 1907.2 +73 81 21.88 1909.7

4.588
8.509

- 6.45
15.43

4.459
33
485

21.91 1944.82

30.3

10562
5281
3.228

19.1 1930.2

6.067
077

-17
8.93

7502
37.5
27.8

4084
20.42
44.99

-816 (3)

107774

12

20.5

+12

57

120

+1302526

-31.4 Huppin

-056 -009 Tade

-056 -014 GC

-056 -012 FLY

-057 -008

9.26 +1095 +0.93 (2)

8.86 +0.385 (1)

8.5

7.95

8.0

!



Van

-0047 +7.8 -023 +6.9
-0035 -017
20.7 -11 32

107814 12 20.7 -11 32 6.7 9.13 +3.58

16884

7433

43.903 1900.5 -11 32 5.94 1897.5

233
136

6.85 492 965

44.136
454
127
320

-0041 -020
-00415 -0185
+ 44

26.572

17.390

43 + 968
992

31.4

609

132

46.54 193436

19.32

5.86

5.71

+ 256
513

511.8

141.43

51.9

11.014

-061

-059 -014

75

13.0036

50.5706

44.0005

506 1015

468

3135

476

45.96

14.67

5.5 + 220
45
5.46

54



107814.000*

12.000*

20.700*

-11.000*

-32.000*

-0.059*

-0.014*

235 7.000*

331 295 363.078

3.500

0.212

-0.239

469 62 76.092

-0.180

-0.590

-62 -55 -67.527

54 -0.072

0.771

22 -19 -23.513

107813 12 20.8 -6 46 25 -248 R(2)

-603559 9.41 10.35 -0.11 F2E with line

$$\delta = .14$$

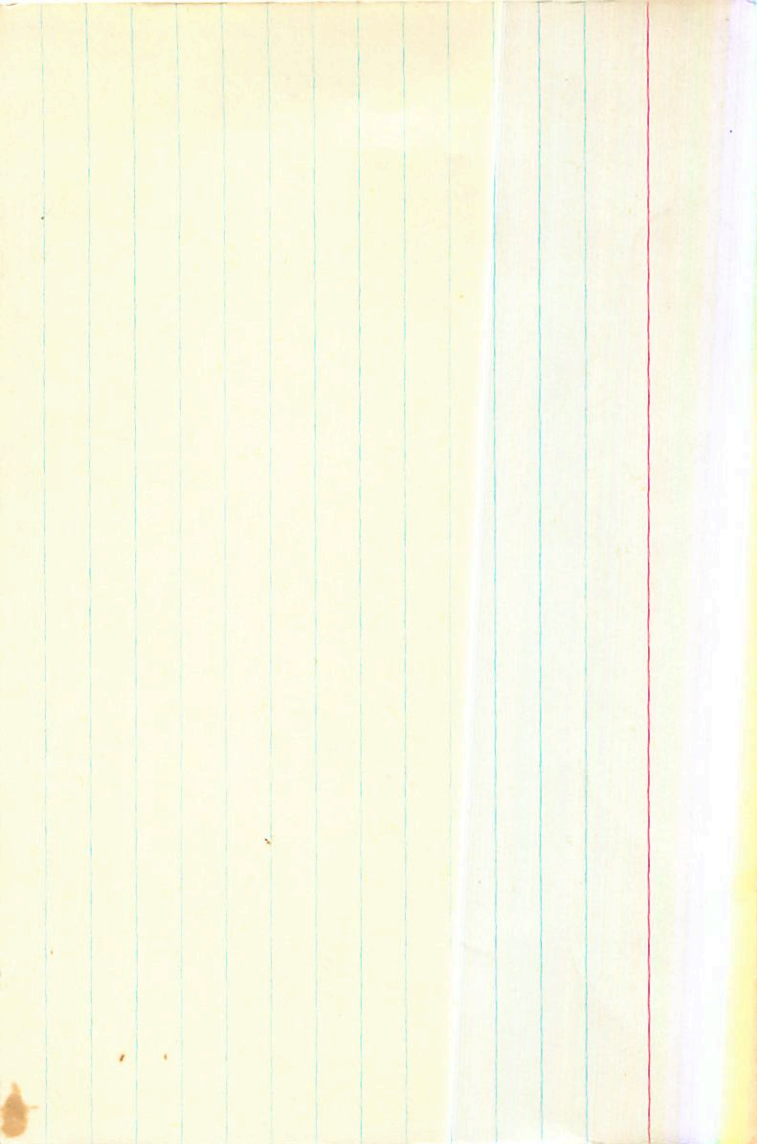
21
2729
13

179
110

-56 115 -34 .010
-34 115 -31 .015

$$+110.7 - 0.71 \div 7 \quad \rightarrow$$

-068



G 59-18

12/11/44

W 11/11/44

12/11/44

12

21.0

+17

10

10.18

+71.5

+10

215

3.90

→

+26.7

+28.6

+29.7

107906

12 244 +16 42 122

+539 (3)

+1702475

(NO)

+53.9 *Thyphus*

8.92 +0.835 +0.32 (2)

867 +0.26 (1)

-069 239 *Male*

7.95
40 / 3.05 M6

-0047 248 *Female*
~~Number GC~~ *GC*

-071 -244 GC

-055 -241 GC

-065 -242

-065 -240 *F124*

-065 -236

-060 -210 *CPM*

Handwritten scribble or mark at the top center of the page.

Handwritten initials or signature at the bottom right of the page.

107537

1.46

6.19 1.17

591 6.016 9.07

73
44

8.9

5.87
1.56
4.3
1.7
9.0

9.0

12 21.6 + 6 15 8.09 m4

+ 262 SR (28 days)

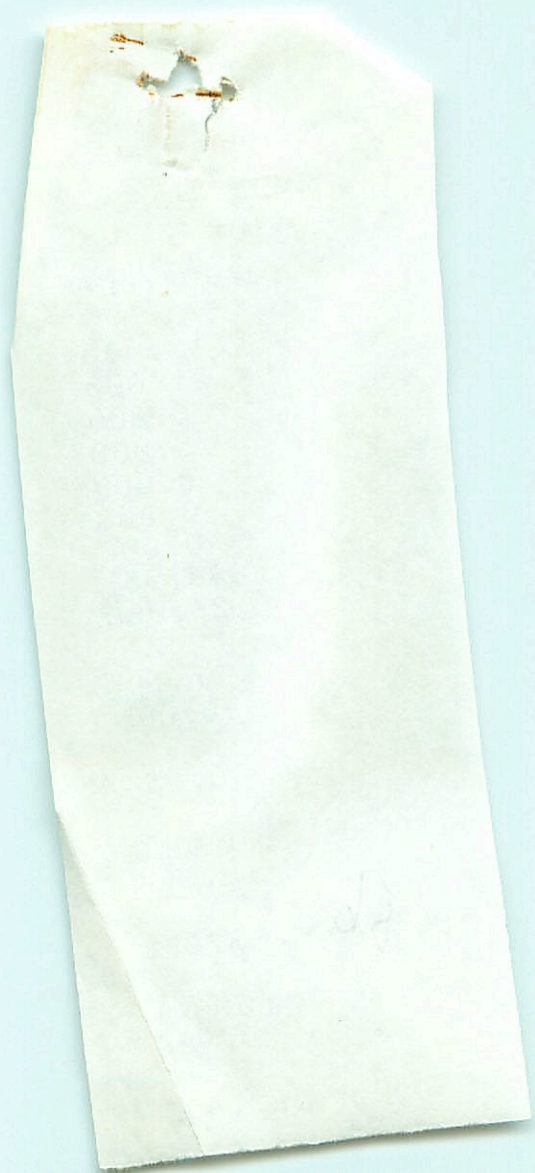
+0005-007
Lutina

~~0 +~~

~~+1007-6003~~

+22 + 41
+009 +003

56



107937.000*

12.000*

21.600*

6.000*

15.000*

0.009*

-0.003*

9.000*

630.957

26.000

-0.044

-0.095

-30.154

0.010

-0.364

-3.238

-0.001

0.926

23.692

50

4058539

12

21.9

+25

52

-fc

,0112

-009

-014

4

103
125

-095 -556 424 502 -009 -014 -5 -007 -4 -062
001 001 009 007 -025 047 -7.2 +7 +1 0112

+4 +5 -10

-1 -5 -7

⑤ 5.5

S Cen 12 21.9 -4.9 10

N

$$\begin{array}{r} -0.067 \\ + 4 \\ \hline -0.003 \end{array}$$

$$\begin{array}{r} -0.26 \\ + 1 \\ \hline -0.25 \end{array}$$

$$\begin{array}{r} 6.64 - 0.07 - 0.195 \\ + 0.03 \\ \hline 6.1 \end{array}$$

$$\begin{array}{r} 864 \ 210 \ -459 \\ 452 \ 148 \ -858 \\ 112 \ 967 \ 230 \\ \hline 8123 \ -0.248 \\ -0.070 \ -0.175 \\ -0.016 \ -0.146 \\ \hline 512.5 \ -0.125 \\ 9110 \ -0.245 \\ 9111 \ -0.172 \\ \hline +12.7 \\ +23.1 \\ -46 \\ \hline 818.8 \\ 1.534 \\ 4.5 \end{array}$$

↓ ~~9.924~~

71

N.A

6

404

0.26

+ 4

HW107431

10.03

89(2)

6.64 - 0.07 - 0.195

6.1

0.003

0.25

512.5

9110

9111

1162

+12.7

-0.125

8123

-0.248

-0.070

-0.175

-0.146

512.5

-0.125

+23.1

9110

-0.245

9111

-0.172

1.534

4.5

-46

818.8

S 298 +13

2-14

UG902 297 +17 7.55 -08 -56 89 +11 860

108021

132.224

12 22.0

131

33

G-41B

108063 12 22.5 -42 14 64 $\sqrt{14}$ +33.5^{C4}

FD1189

6.10 + 0.65 (1.80)

-0118 ~032 N30

-0130 -032 64

-0124 -032

57

108105

12 22.6

705 90

F5E

mm

0.10

750

1022 (2)

8.50

187

1.0-0.4

1000 121

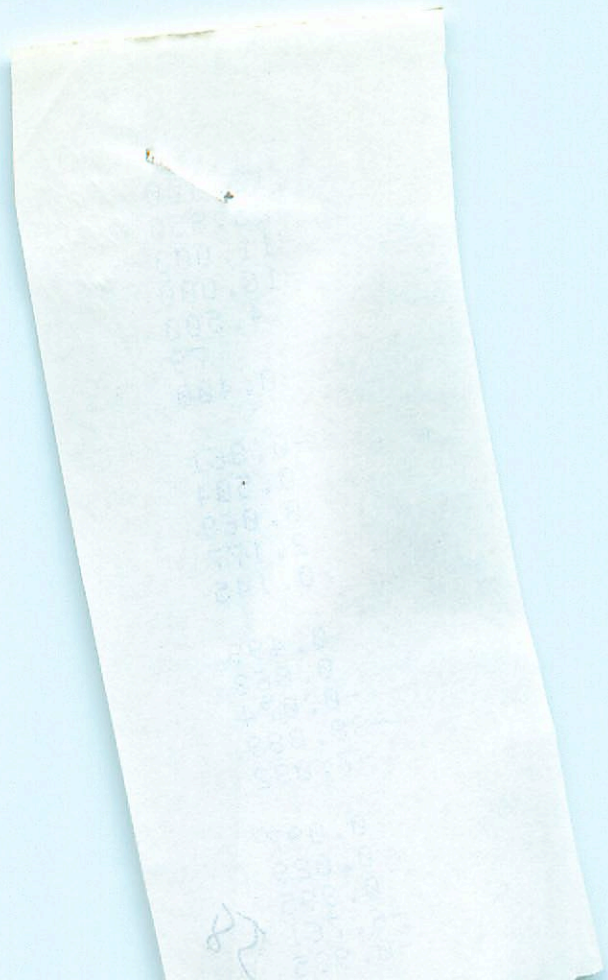
-12 -12

-10 -16

P-115-10-D



58



12.400
25.850
-11.000
-16.000
4.500
79
-0.400

-0.861
0.504
0.069
2.177
0.145

0.499
0.863
-0.074
-08.899
-7.032

0.097
0.029
0.995
-6.761
-0.935

58

9.10 + 22 + 12
19

+ 1.9

- 19

+ 3502337

12 22.6 + 35 02

5.4

108101

AG12-1 0005

+ 013 N30

+ 14 ± 3
19 ± 2
35.82

② SWC

② MWT

0027
0016
+ 019

+ 012
+ 012

9.13 + 139 + 215 + 816

9.10 + 118 256 823

29.78 1500.1

14
884

(+ 019)

- 18
29.52

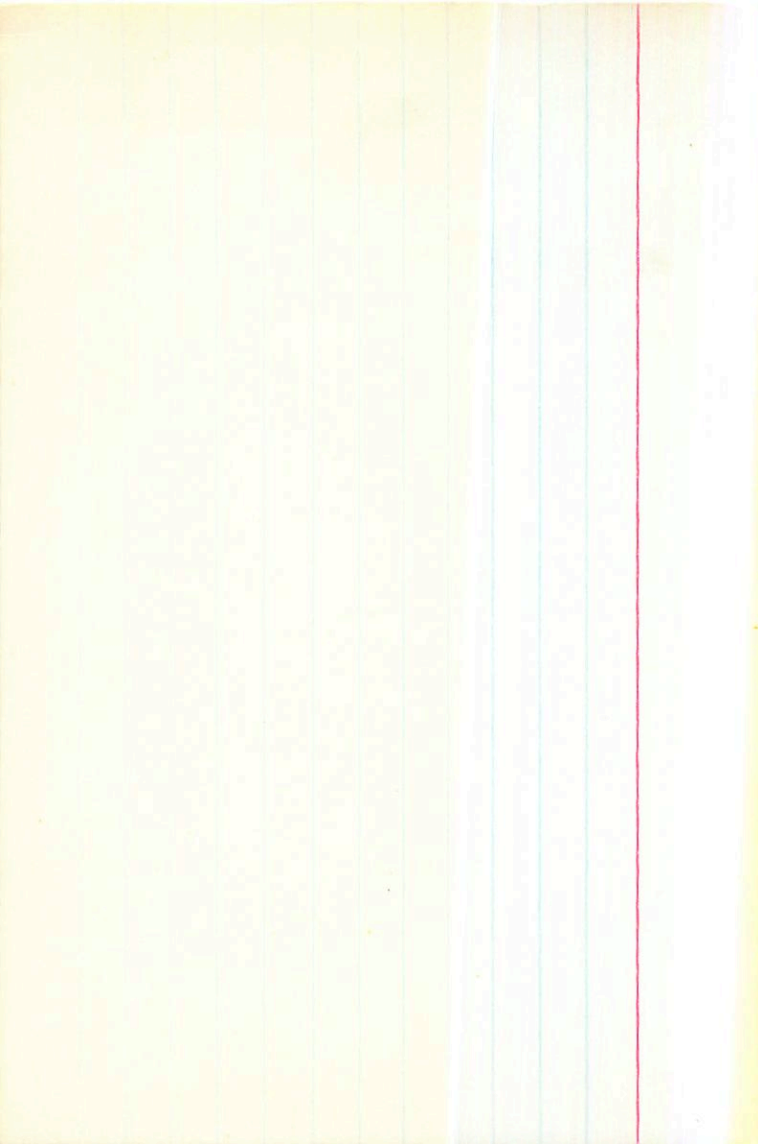
35769

29.52 1900.1

14
883

29.52

1501



168134

$+0197 \pm 15.0$ $+003 \pm 10.0$ -451 (5)
 $+0198$ -009 7.4 260 -46.28

16937

7457 42-933 1913.7 +60 55 27.13 1913.1

$$\begin{array}{r} 715 \\ \hline 218 \end{array}$$

$$\begin{array}{r} -0.11 \\ \hline 27.02 \end{array}$$

$$\begin{array}{r} 31.47 \\ 11.142 \\ \hline 42.612 \end{array}$$

$$\begin{array}{r} 45.12 \\ 15.90 \\ \hline 61.02 \end{array}$$

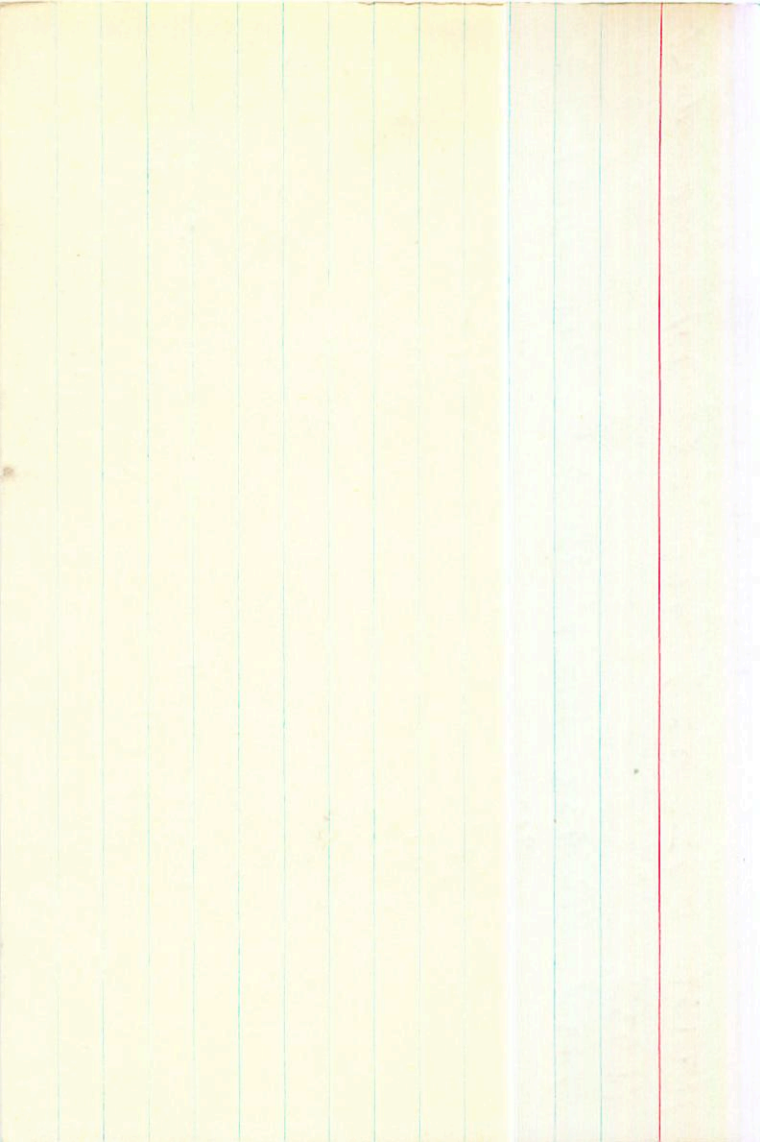
$$\begin{array}{r} 42.612 \\ -132 \\ \hline 41.292 \\ 1.489 \\ \hline 42.781 \\ 1324 \\ \hline 44.105 \end{array}$$

$$\begin{array}{r} 26.14 \\ 26.46 \\ \hline 52.60 \\ 106 \\ \hline 26.82 \end{array}$$

$$\begin{array}{r} 7225 \\ 86.1 \\ \hline 23.0 \end{array}$$

$$\begin{array}{r} 42.806 \\ 29 \\ \hline 42.835 \\ +444 \\ \hline 47.279 \end{array}$$

$$\begin{array}{r} 27.38 \\ -14 \\ \hline 27.24 \\ 194495 \\ - \\ \hline 20 \end{array}$$



108114

12 22.7

-34 5.8

89 -11.48

16938
7458

-11356

-0032 ± 3.9
-0042
-013 ± 3.0
-014

-0058

43.258 1906.3

-34 54 34.22

1905.2

$\frac{148}{1398}$

$\frac{7.58}{33.64}$

42.2

43.260
-13 249
247

34.00 1941.06

-14
34.16

5445
~~43222~~
43222
-1776

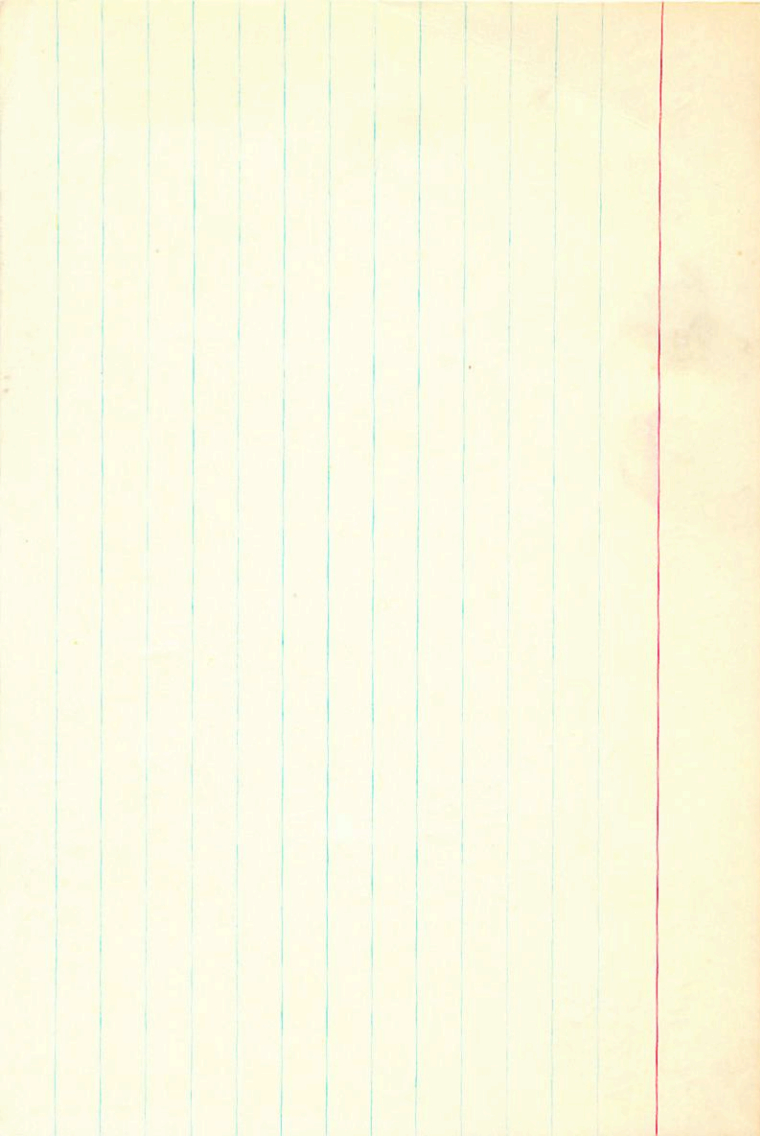
34.25
-1.61

97.03
4815
43.3

43.206
-1.51
41.696

43.196

3406
-2.5
34.34
1955.97



+3202241 2.30

-0287 ± 8.0 -220 ± 8.0
- 273 -250

300

12 22.8

09 9.3 d 114 -196

108153

16942

7461

50.509 1906.9 +320 8 40.60 1507.7

1.237

9.31

51.746

49.91

148554

51.09

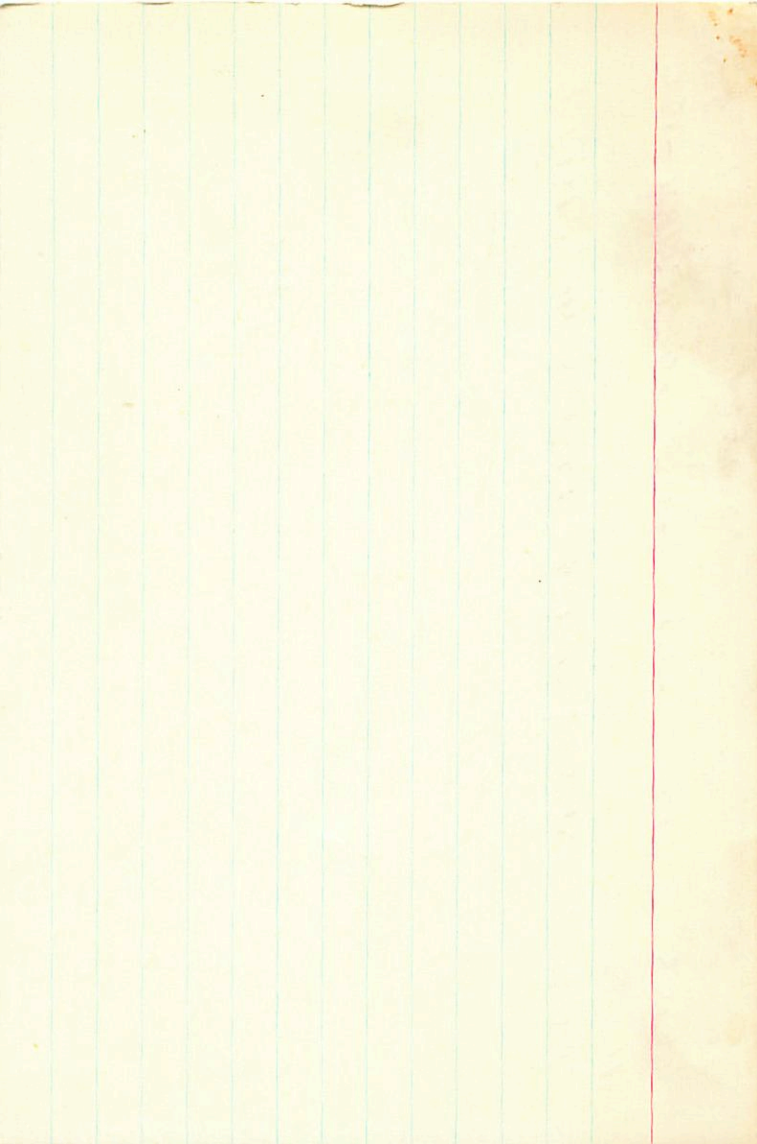
44.5 1930.1

23

-21

113

44.29



W Vni

1.2 23.4 -03 07

-65.4

-0007 +0007 N30

-0003 +0005 FN3

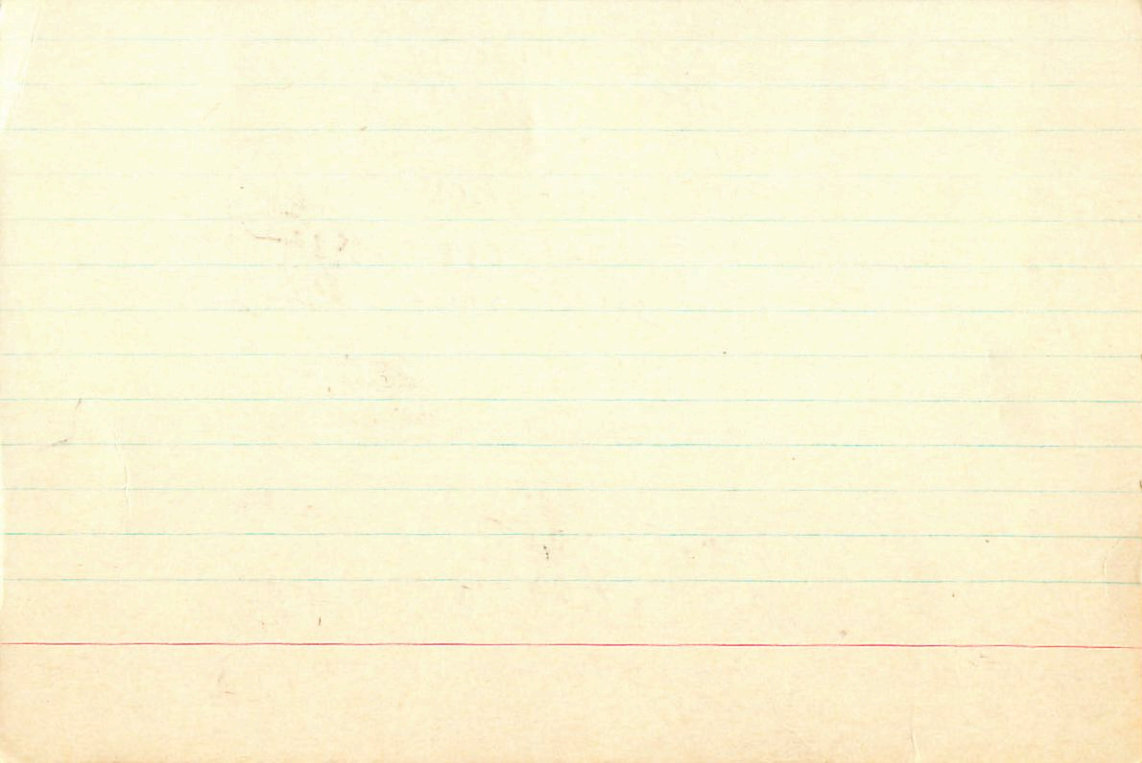
N(30)	-862	475	-178	+0143	+0158	+0301	+90.3	+11.6
	497	720	-485	-0082	+0239	+0157	447.1	+31.7
	102	506	856	-0017	+0168	+0151	445.3	+56.0

3000

+0184 +0112 +0296

-0106 +0171 +0065

-0022 +0120 +0098



14600

For shell

105253

12

23.9

+27

33

5.2

AF -4.3 B

16955

-0013³⁹ -008 N30

7474

-0011 ± 2.0 - 010 ± 1.6 DC → N30

-36 (5)

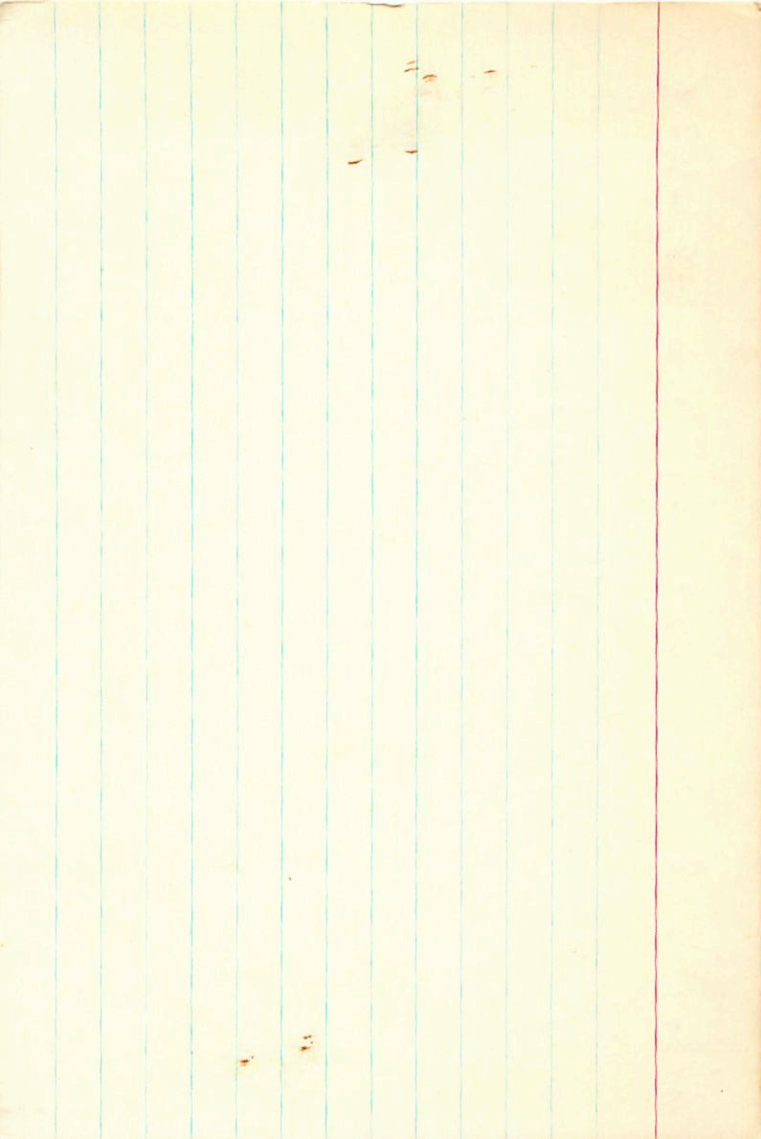
HRV 33

4.95

+0.275

+0.175

44 (1)



HR4734

108309 6.26 +68 +0.24 505 +29.7 75A
12 24.2 -45 35 +29.3 20.3 C₂(4)

G-C16957 25.5(4.0)

6.25 10.68 +0.21 6-5.12-B Cam 577
6.25 10.67 +0.21 18" (1) 595 545
18.40 11.25 5=00 974

-4807426

9.40 11.12 233 377 13
6.25 408 209 371 4
6.25 416 223 371
4.25 414 145 371 2009
6.25 422 220

CPM umb
-4807440

-639 -091 6-2
-635 -080 CP
-631 -076 N30
-635 -080

428 -51 -4 106

-0650 -060 Sky
-0646 -084

436 -41 -7 05

B
44 X (10)

449 -43 -9 04

502 (16) 28 L (16)

472 -76 -13 03

22 (17) 21 - C (16)
36 ± 6 32 ± 6

u v n

22567 72869

G0321

3.0

-105 -994
~~924~~ -750 661 -635 -058 +24.3 066 -22 -275 ✓

-0645 46.7 -091549
-0648 -086

-067 007 634 -066 0 3.037 419.4 -19 ~2

-19 +85 -30 035
+59 -20 -11

9.164 1807.3 -4838 7.61 1902.8

2.754
N.918

39.6

9832

420
3.41

6.21 1935.4

814

15
7.36

18679

9119
47.1

8883

7.46 1954.33

43.3

403

578

7.88 142.4

7.12
-3.191

(XX)

4724

12 242 -48 44

G5R24

108205

6.30 + 0.68 + 0.215 4E

16957

6.05 + 0.21 3E

26
8 Feb

597
545 → +23
315 → +33 → 1104

10.75 + 1.12 + 0.96 4E
740

3.15 10.12 + 0.485 3E

+ 7.57
2.555

59

W7483 44754 12

26.3

+42 49 605 AM Spd
-100

Ge16899

ms
615

e=+5

+43
-17
-2

+0.8

12.8

-077 +006
+009

ms
+11
+09
+48

16.1

-584 451 225
452 553 178
162 -264 958

+8153 +0193
-1754 +0364
-0409 -0113

+3344 +345
-2.2 -17
-15.7 -1.8 -5.6 -16

1524
5.50

+11

+334 41.7 483

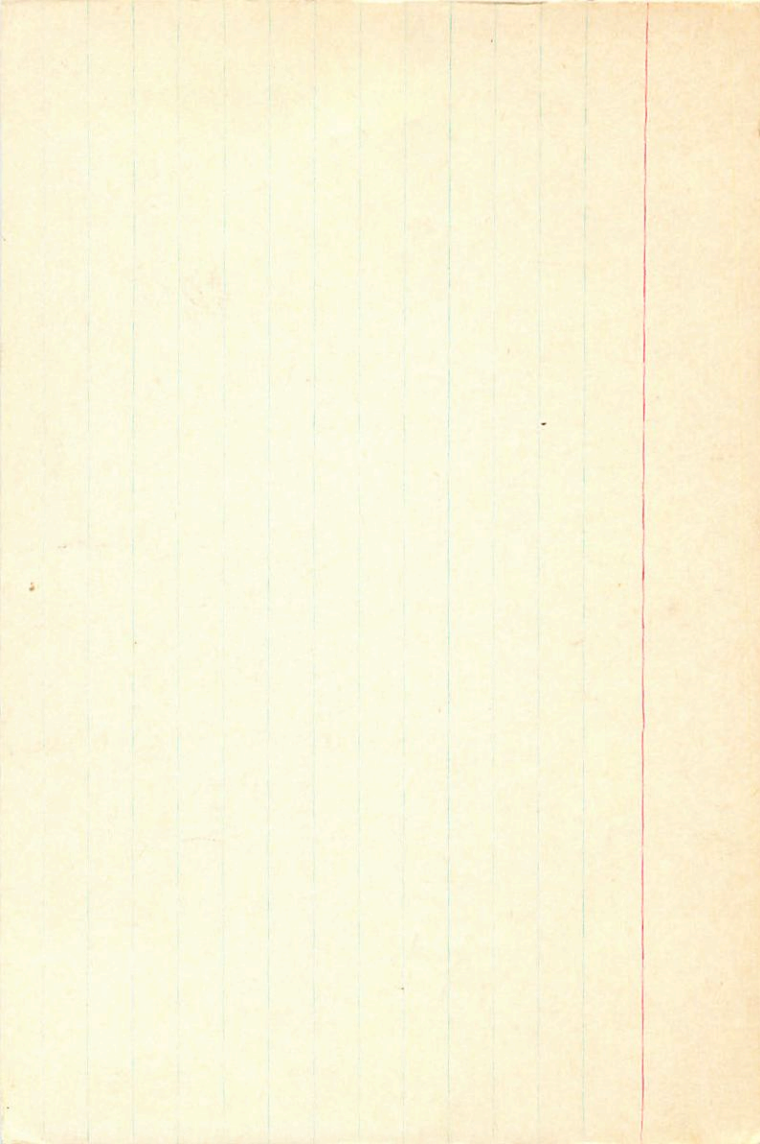
+0.8

1.1 -14.3 -17.9 -17

+4.8

-5.2 -6.6 -2

890 90



+270 2134 690

12 24.5

5.01 +08 +14
1.5

+2.5

+27 06 ~~AVD~~

5.1

108392

GC16965

29.426 1892.7

$\frac{0.25}{454}$

-0005 -014
-016
-0009

-2.4 (8)

40.4 (3)

8.45 1893.5

$\frac{90}{9.35}$

29.405

$\frac{+9}{414}$

$\frac{-0007 -011}{-0009}$

8.88 1441.02

$\frac{-5}{8.83}$

71.65

29.403

$\frac{+10}{713}$

$\frac{414}{-040}$

8.61

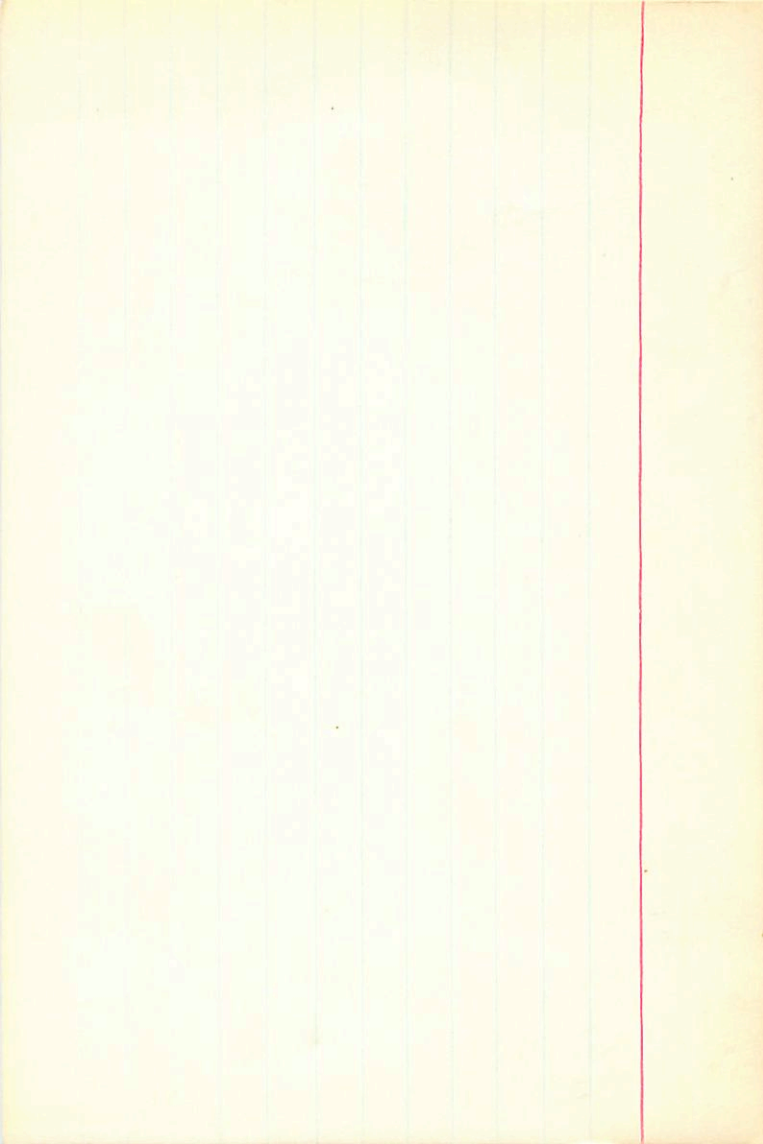
$\frac{+6}{8.67}$

1430.63

8.75

1435.8

$\frac{-0.60}{8.15}$



3722278

108408

12 247

+36

-216 (16)
(3)
-177
-2 (2)

+636 -019

29.82

14.262

44.082

-0.55

44.037

1.032

15247

18

(274)

2486

18.48

6.37

6.50

44016

-107

1530.1

43.44

11

44

43.990

+9

43.999

24.0

18.48

5.52

5.17

5.68

5.51

1530.1

5.4

-2.19

5.69

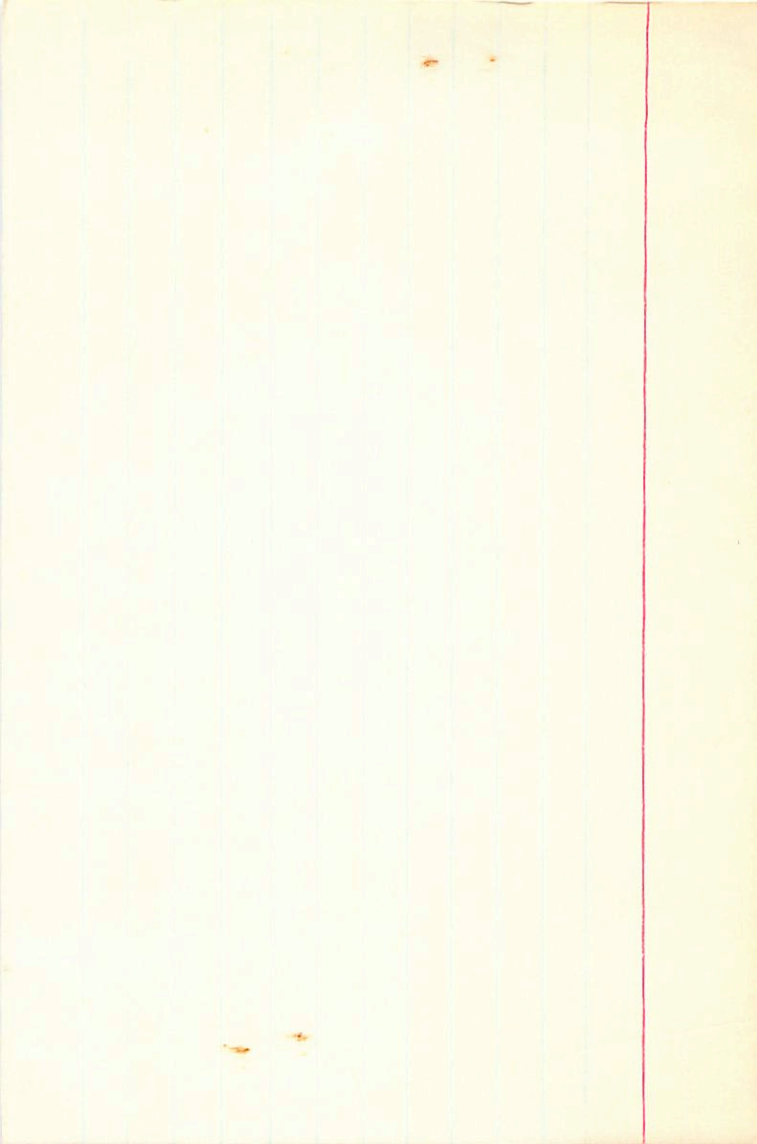
5.04 1952.41

-2.0

4.84

0.23

-0007 -020



7.74 + 1.5 + 1.3 - 23.0

43702278

12 24.7 + 36 39 7.5

108408 23. 29.82 47 24.0 + 0036 - 019 6m 2.5

14.242
44.06
- 6.0
43.44 - 3.017 34 5.52 5.88 546
244 020 5.9 - 1.549 5.1930.1 1927.9

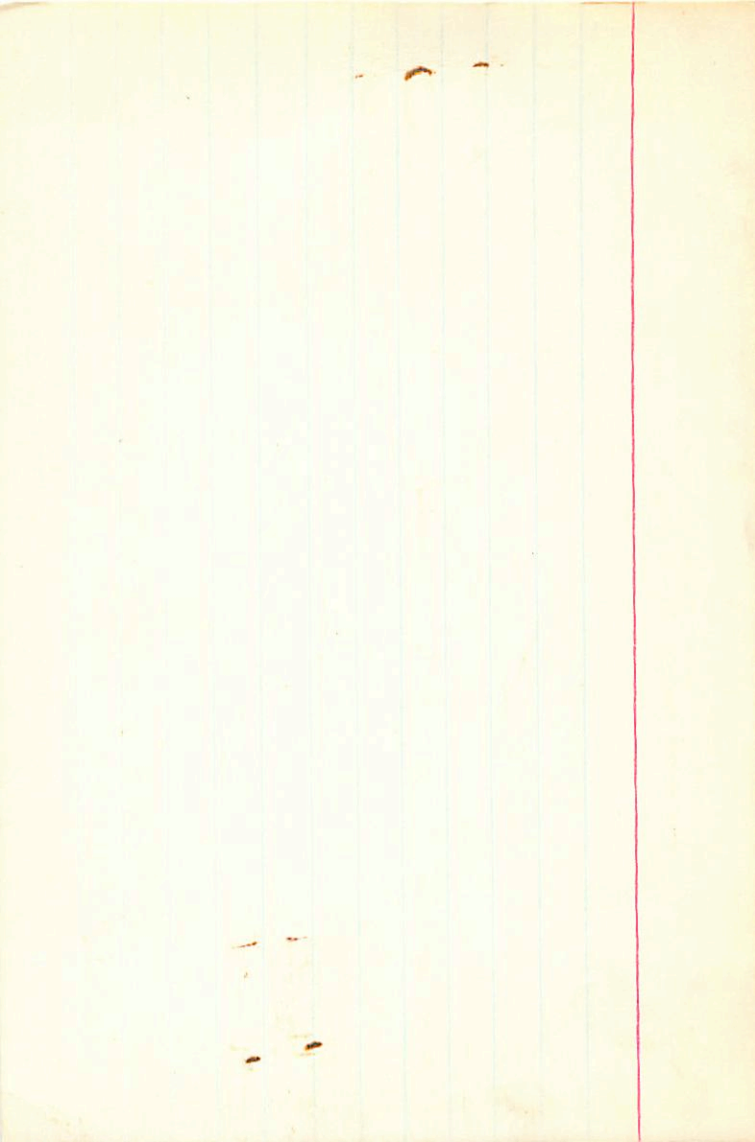
44. 244 01.020 - 19 5.71 5.70

~~0.034~~
- 0015 - 031
0 + 3
- 0015 - 028

24 43.990 - 037

05.04 195241
1.4
67.95 - 75

- 7
983



4740

12 24.2 + 72 13

6.31 + 776 (10)

468 + 6.38

6.24 + 106 + 0.85 320" 68 14

-155 - 0.21 GL

-0.22

-44
17.364
318

65.90 -9
23.81
23.72

60



10

10

4740:000*

12.000*

24.200*

72.000*

13.000*

-0.155*

-0.022*

5.000*

100.000

6.300

0.601

0.412

62.726

-0.435

0.574

60

-39.868

0.003

0.708

4.713

17 JUN 71

428 32

4737

188 D01

91-2197

3884

1013-080 FAT Sample

|

|

11849 12 250 +24 52 -13.5 (4)

Var?

1052507

for m A B -070 -068 AGMB

551 28 8.31 .172 142 754 2075 -046 -054 4

$B/(1+r) = 0.03$

$\sigma = 0.1185$

m.v. = 2.6

$\frac{-0.68}{-0.015}$

-74
-57
5.7
~13.9

$\frac{-0.67}{-0.57}$

61

174. ...

174. 400
174. 350
174. 300

108464

19 25.1 +41

38 6.8 dF4 -5.68

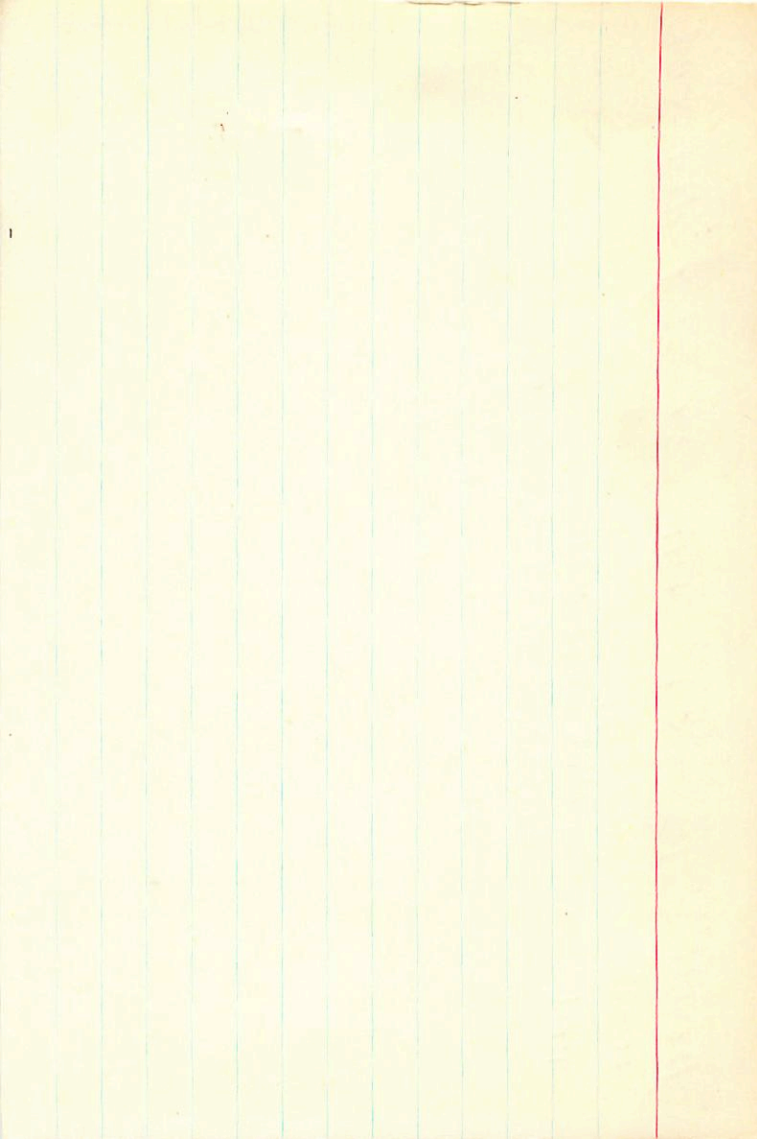
16978

21

-0014 -018 N30

7456

-0022±3.2 -011±2.566 → N30



-001453.3
-0005
+005

108477 12 25.2 -16 21 6.5 964 -8.3 1

16984

7490 13.417 1904.9 -16 21 19.84 1900.5

$\frac{063}{480}$

55.583
17.832
 $\frac{13.417}{40}$

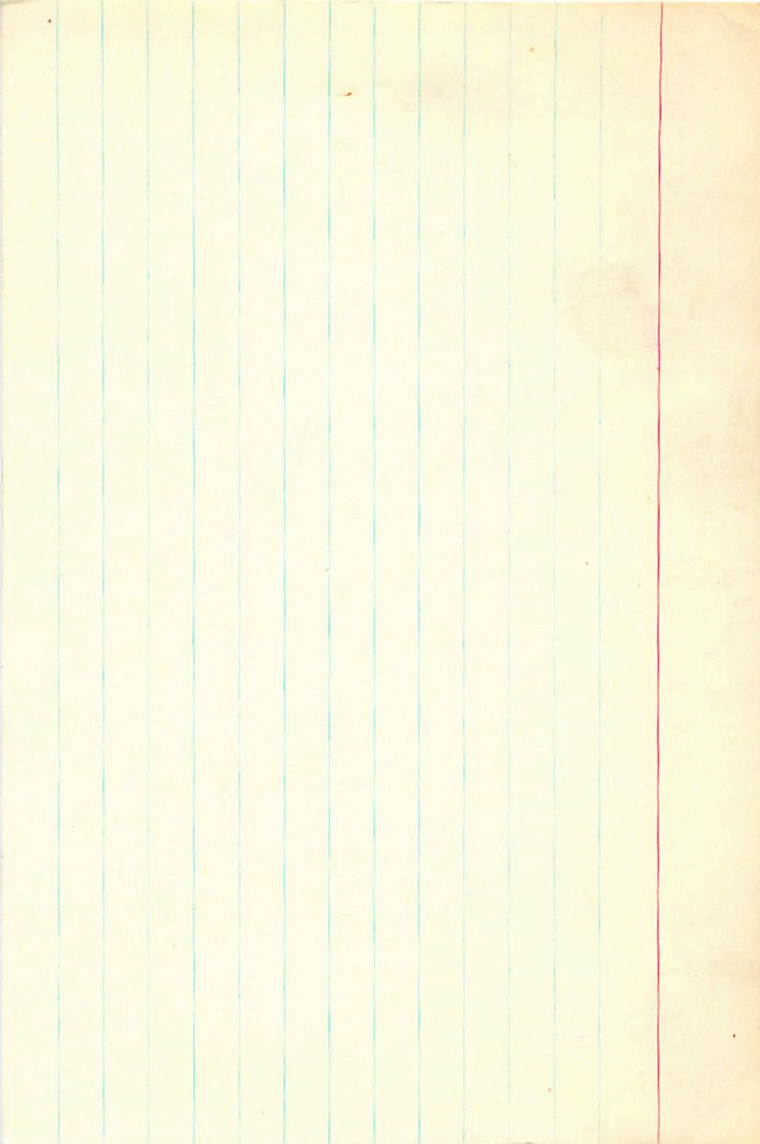
1.48 1903.89

32.4

$\frac{464}{455}$
1.2
467 -016

13.464
 $\frac{1}{402}$

18.40
 $\frac{19.84}{19.18}$
19.70
 $\frac{19.35}{19.35}$
19.07 1940.66
 $\frac{19.51}{1.18}$
7455
37.3
36.8



-140352-1

108523

12

25.5

-15

22

8.3 884 421.26

34

61576

$$8.34 + 0.685 + 1.8 = 2.24''$$

7464

12874

$$-29 - .13$$

29512 C

$$-226 \pm 9 \quad -100 \pm 5 \quad CR$$

$$-294 \pm 14 \quad -123 \pm 10 \quad Y$$

$$\begin{array}{r} -7 \\ \hline -301 \end{array} \quad \begin{array}{r} -10 \\ \hline -136 \end{array}$$

62

101
102
103
104
105
106
107
108
109
110

111
112
113
114
115
116
117
118
119
120

121
122
123
124
125
126
127
128
129
130

12.400
-15.350
-270.000
-136.000
3.000
40
21.200

-0.861
0.425
-0.280
788.917
25.467

0.499
0.601
-0.624
-1003.585
-53.188

0.097
0.677
0. -

HD/08569

103469

12

0.55

-16

85

Angewandt
+81.7 (2)

-590 000

^{5.1%}
-1080 -110

544 + 0.13 CR

- 545 000

0.33 un 7 0

13000

$\frac{10658}{12} = 21.0$
 $\frac{23.5}{12} = 25.956.0$
 $-17 \ 3632 \ \text{WUB}$
 $-17 \ 29.45$
 $-18 \ 0.54$
 658

$9780 \ 6805$
 $2087 \ -1227$
 2645
 0083
 0.35
 07.70
 2064
 207
 823
 813
 $8.66 + 0.475 \textcircled{3}$

Yale Zone $+1.85$
 -3
 $+1$
 $35''$
 -188
 -99710
 $+32087$
 -1327
 $9.2: 190 + 8.7$

2666
 -1059
 -0.35
 $+140 - 194$
 $+2.7$
 1.75

$+0.183$
 -0.194
 171178
 $201 - 154$

0711
 074
 9.55



53



32

658.000*

12.000*

25.900*

-18.000*

-1.000*

0.190*

-0.194*

1.750*

22.387

2.700

-1.150

-0.306

-26.575

-0.073

-0.648

-3.389

63

-0.573

0.698

-10.949

658

-1703632

611866

12 25.4 -18 01

= 2964

Wp gm

17180

10054

8.13

1 me

9.16 +1.21 +1.13 ①

+0.47 ②

Sum

5780
2087

6808
-9327

2468

2057

20072

-39

6453 +04

+2.7

