

RUNAL

F/C ① V/G 1 OK NONE
 V/G 2 OK 2 SAMPLES 100%
 V/G 3,4,5,6 OK NONE NEEDED
 V/G 7 1 SELECTED 2 NONE NEEDED
 ✓ — 031 002700001864 1.80 —
 ✓ — 031 002700002044 1.65 —
 V/G 8 OK NONE NEEDED
 V/G 9 & GREATER NONE NONE NEEDED

F/C ② V/G 1,2,3,4,5,6,7,8 OK NONE NEEDED
 V/G 9 OK 1 SAMPLE 100%
 V/G 10 OK NONE NONE NEEDED
 V/G 11 OK 2 SAMPLES 100%
 V/G 12 & GREATER NONE NONE NEEDED

F/C ⑥ V/G 1,2,3,4,5,6 OK NONE NEEDED
 V/G 7 & GREATER NONE NONE NEEDED

F/C ⑦ V/G 1,2,3,4,5 OK NONE NEEDED
 V/G 6 OK ~~1 SAMPLE~~ NONE NEEDED
 V/G 7 ~~1 SAMPLE~~ ~~GREATER~~ ~~100%~~ NONE NEEDED
 V/G 8 & GREATER NONE NONE NEEDED

F/C ⑧ V/G 1,2,3,4,5,6 OK NONE NEEDED
 V/G 7 - 1 SELECTED 2 NEEDED

— 035 200030000813 0.10 —

— 035 200080000838 0.07 —

V/G 8 & GREATER NONE NONE NEEDED

ANNA

025 ✓ 000950001289
VOL GRP = 7

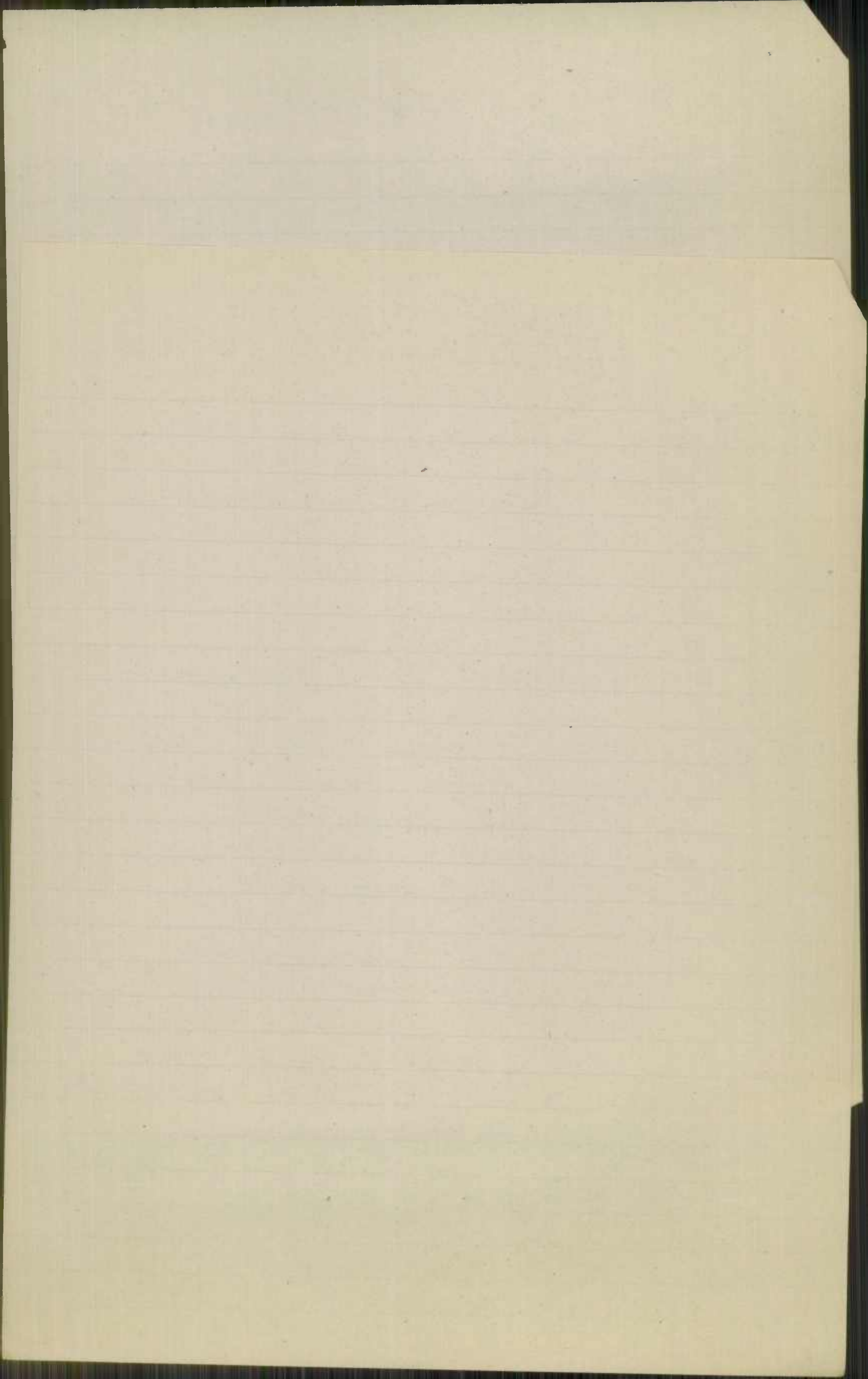
TOLL = 4
2.80

POT
IN BOOK

VIG 8 - need 3 SAMPLES

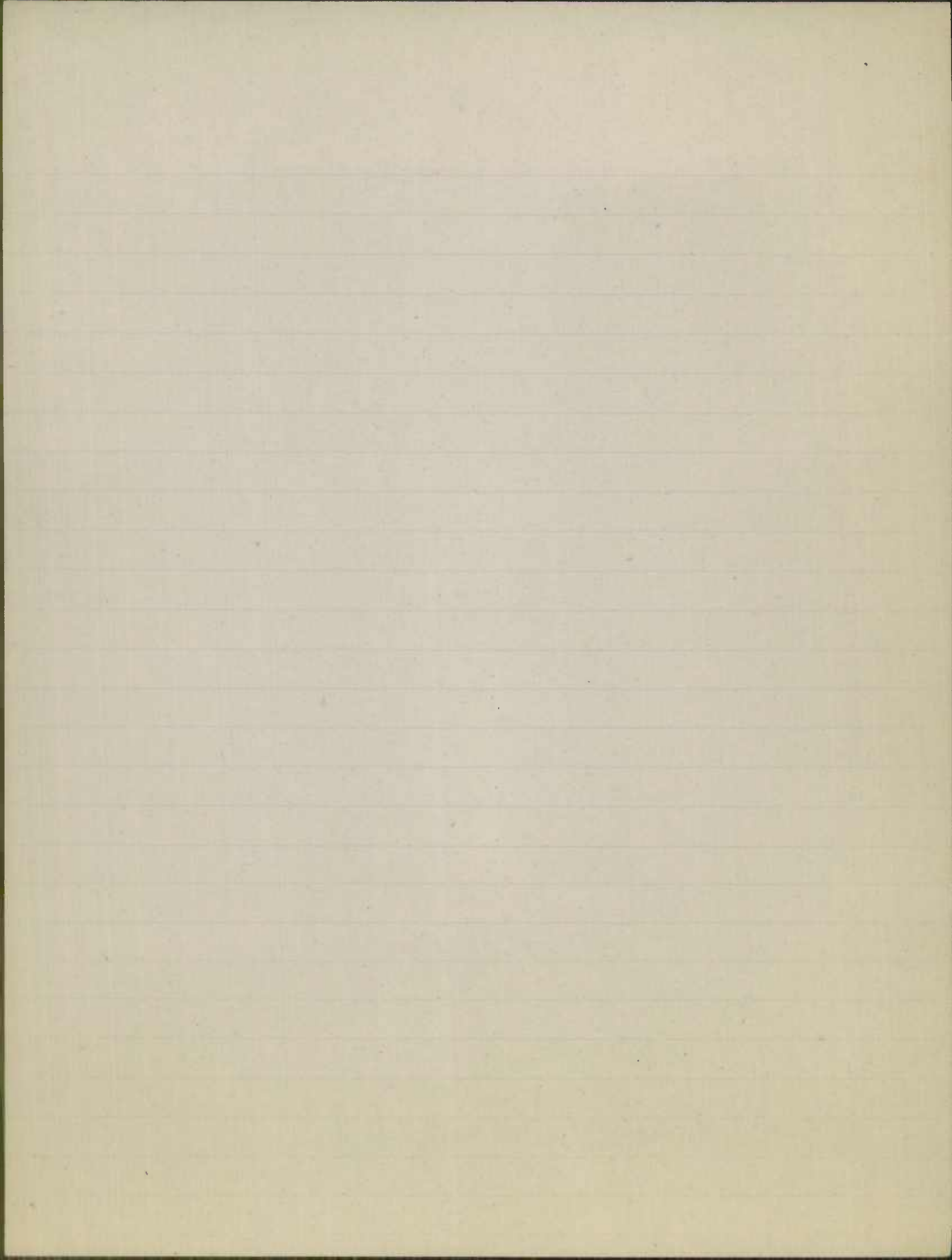
X	003	200700000015	0.09
X	003	200700000027	0.19
X	003	200700000046	0.24

VIG 9 & GREAT - none none needed



URBAN
00331

F/L (17) V/G 1, 2, 3, 4, 5 OK none needed
V/G 6 2 samples 100% OK
V/G 7 1 sample need 2
~~X~~ 003 204360000026 0.10
~~X~~ 007 204360000072 0.10
V/G 8 2 samples 100% OK
V/G 9 & Greater none none needed



URBAN 00008

F/C (11) V/G (1) - none - none needed

F/C (11) V/G (2) - one - 2 needed

X	031	003700000116	0.26	---
X	031	003700000142	0.15	---

F/C (11) V/G 3,4,5,6,7 - o/k 3 on none

F/C (11) V/G (8) - one - 2 needed

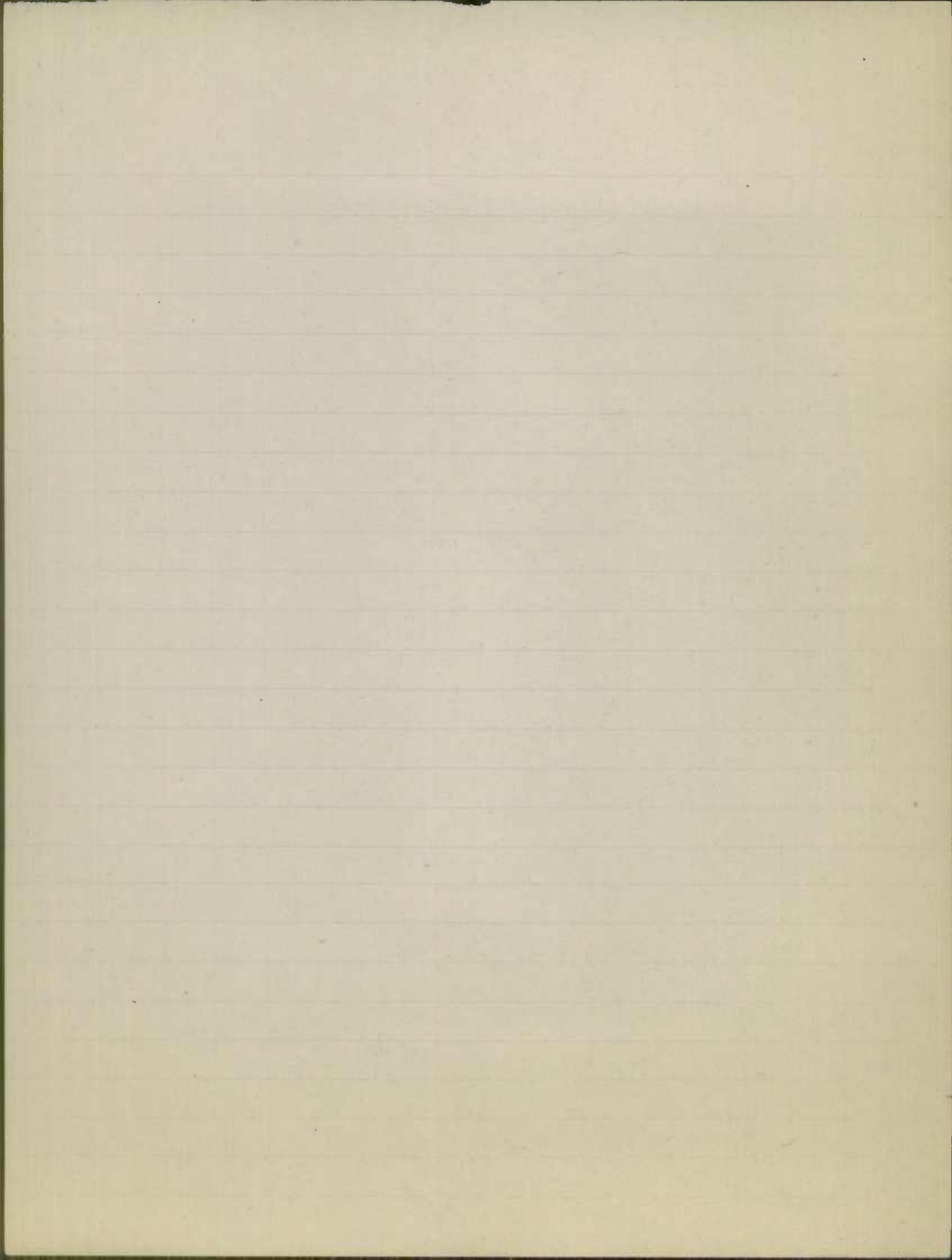
X	033	000950002076	0.24	---
X	033	000950002181	0.34	---

F/C (11) V/G 9 & GREATER none - none needed

F/C (12) V/G 1,2,3,4 o/k ^{3 on none} ~~none needed~~

F/C (12) V/G 5 - 2 SAMPLES 100 to ^{none} needed

F/C (12) V/G 6 & GREATER none - none needed

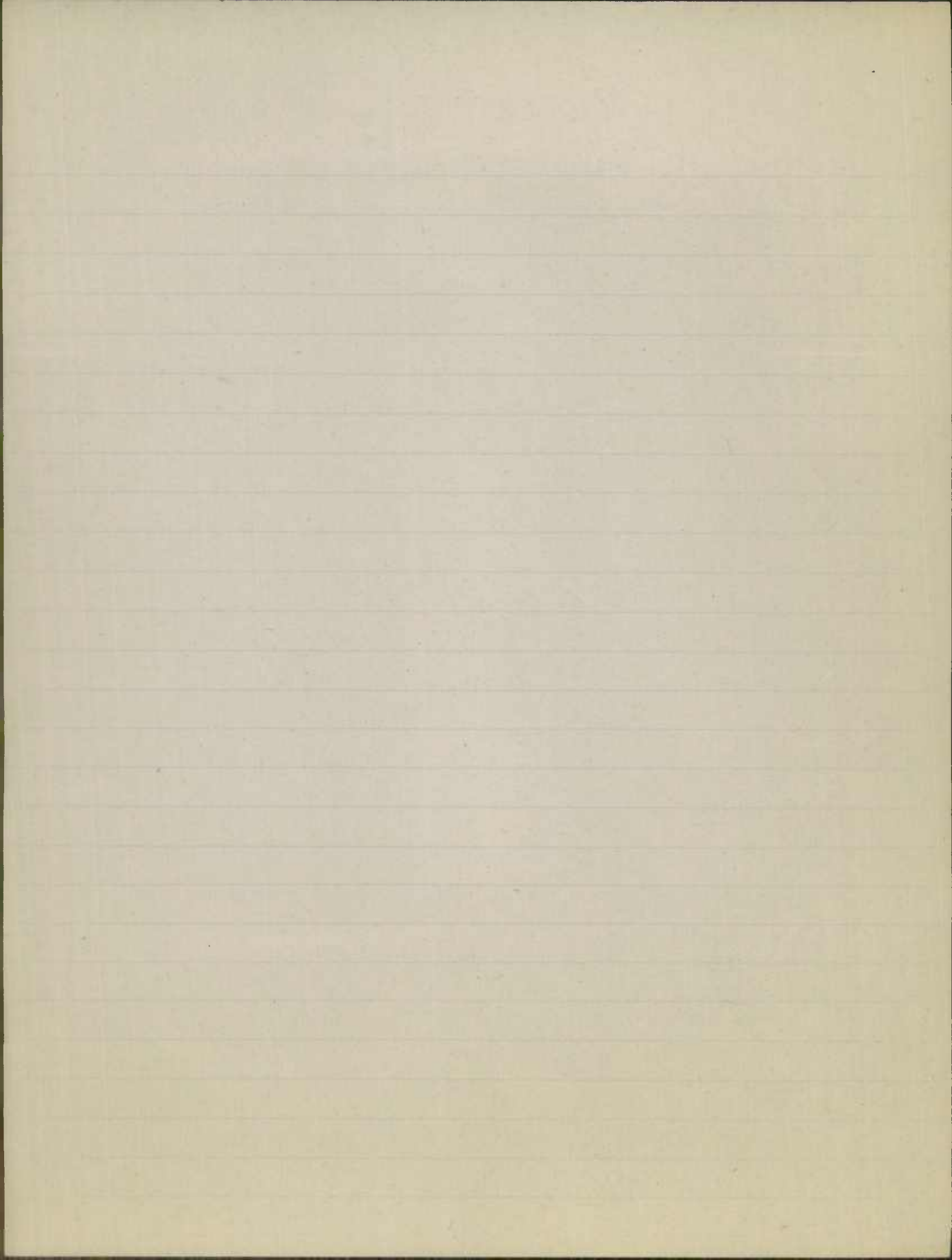


URBAN 100008

F/C (14) V/G 1 O/K ^{3 or more} ~~none needed~~
 V/G 2 2 SAMPLES 100% ^{none} needed
 V/G 3 O/K ^{3 or more} ~~none needed~~
 V/G 4 2 samples 1 needed
~~X~~ 031 200280001521 0.27
 V/G 5, 6, 7, 8, 9, 10, 11 O/K ^{3 or more} ~~none needed~~
 V/G 12 & GREATER NONE - none needed

F/C (16) V/G 1, 2, 3, 4, 5, 6, 7, 8, 9 O/K ^{3 or more} ~~none needed~~
 V/G 10 & GREATER NONE - none needed

F/C (17) V/G 1, 2, 3, 4, 5, 6, 7, O/K
 V/G 8 - 1 SAMPLE 2 needed
~~X~~ 033 600590280038 0.75
~~X~~ 033 600590280113 0.04
 V/G 9 O/K
 V/G 10 & GREATER NONE - none needed



SMALL URBAN

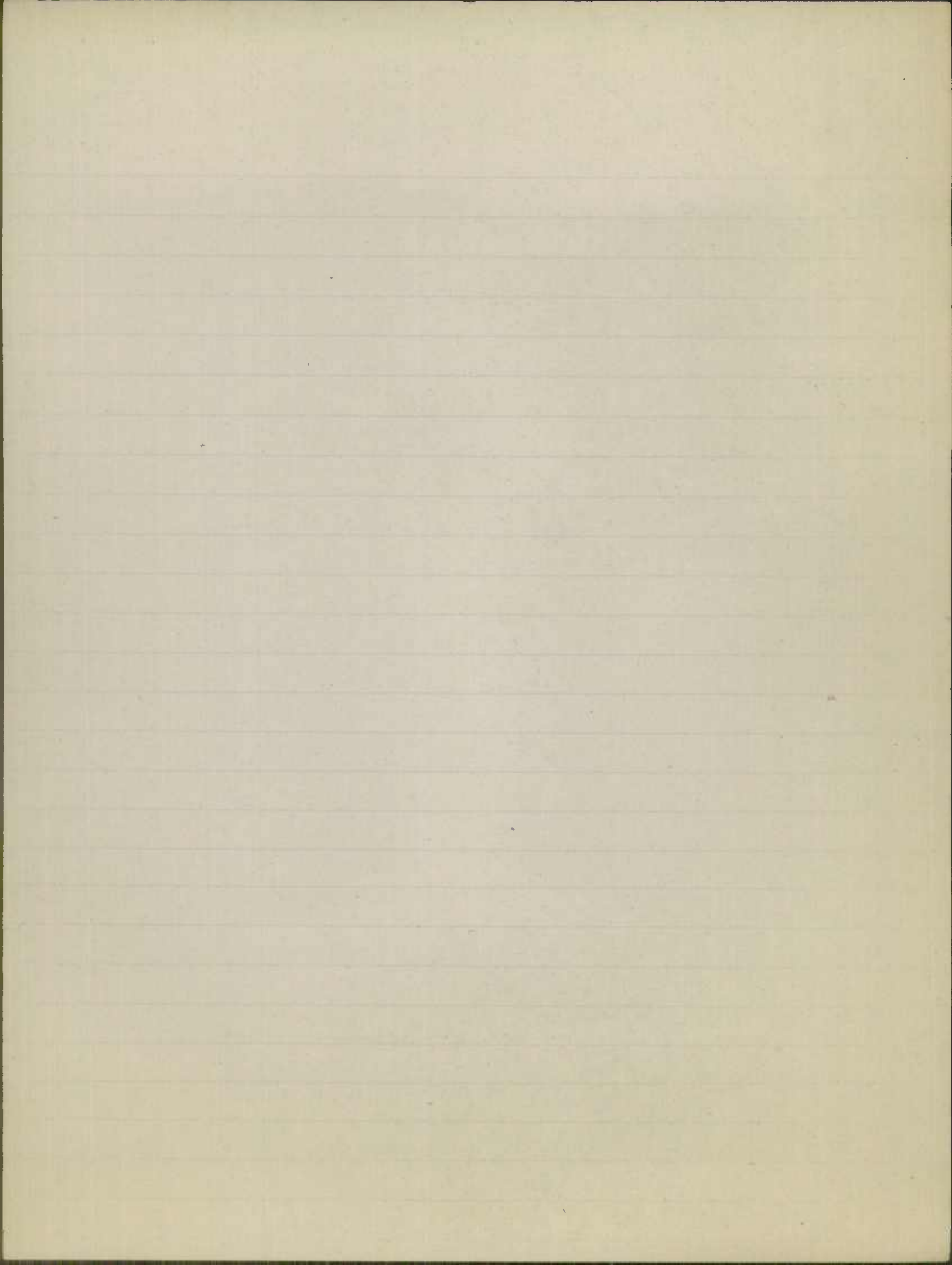
F/C (11) V/G 1,2,3,4,5 none none needed
 V/G 6 OK 3 on more
 V/G 7 none none needed
 V/G 8 OK 3 on more
 V/G 9 on greater nine none needed

F/C (12) V/G 1 none 3 ~~needed~~ - Z = 100%
 ✓ 047 200900000609 3.19
 ✓ 047 200900000928 0.25
 V/G 2,3,4 OK - 3 on more
 V/G 5,6,7,8 100% none needed
 V/G 9 on greater none none needed

F/C (14) V/G 1,2,3,4,5,6,7 OK 3 on more
 V/G 8 OK 2 samples 100%
 V/G 9,10 OK 3 on more
 V/G 11 OK 2 samples 100%

F/C (16) V/G 1,2,3,4,5 OK 3 on more
 V/G 6 - ~~3 needed~~ none none needed
 V/G 7 OK 3 on more
 V/G 8 on greater none none needed

F/C (17) V/G 1,2,3,4,5 OK 3 on more
 V/G 6 on greater nine none needed



URBAN

10063

F/C (11) - NONE -

(12) VLG 1 OK none needed

VLG 2 & greater none none needed

(14) VLG 1, 2 none none needed

VLG 3, 4 OK none needed

VLG 5 2- 1 SAMPLE needed

~~0.15 202130001904 0.15~~

VLG 6 none none needed

VLG 7 OK none needed

VLG 8 & greater none none needed

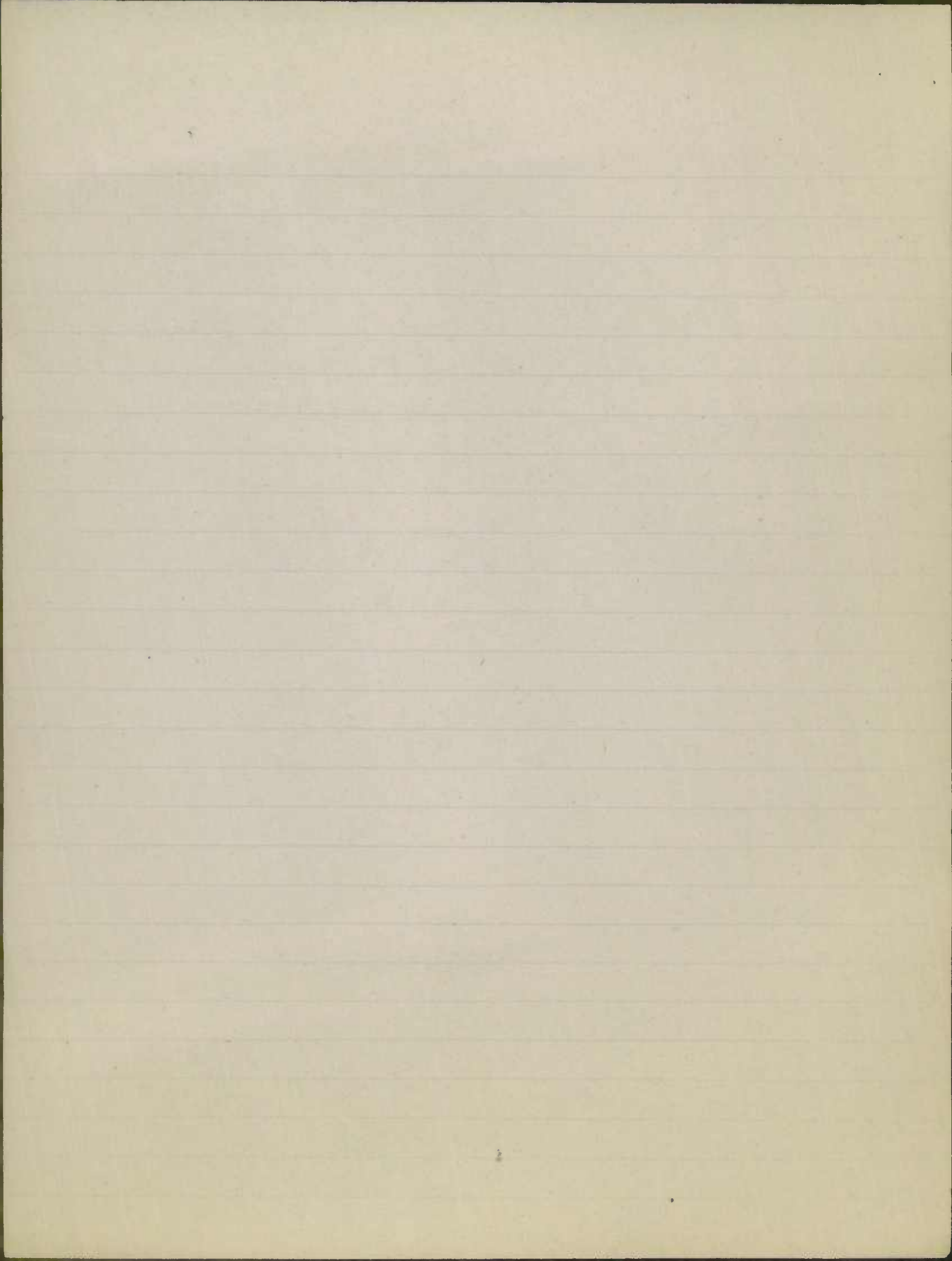
(16) VLG 1, 2, 3, 4 OK none needed

VLG 5 & greater none needed

(17) VLG 1, 2 OK none needed

VLG 3 OK 100%

VLG 4 & greater ~~none~~ none needed



URBAN

00285

F/C (11) none none needed OK

F/C (12) none none needed OK

F/C (14) V/G 1,2,3,4,5 OK none needed
V/G 6 & greater none none needed OK

F/C (16) V/G 1,2 OK none needed
V/G 3 2 samples 1 needed

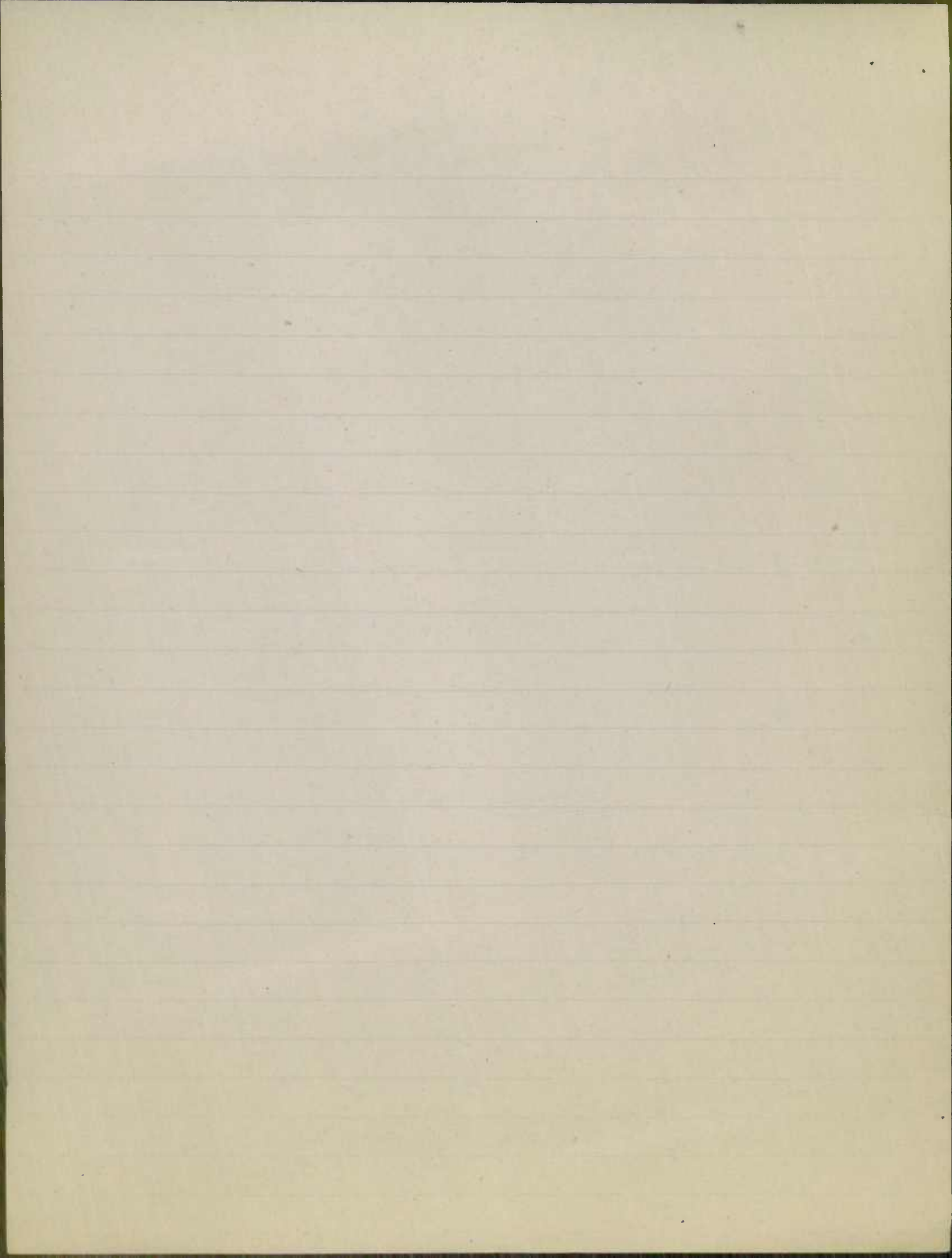
~~001 200490000003~~

~~1.74~~

V/G 4 OK none needed

V/G 5 & greater none none needed

F/C (17) V/G 1,2,3 OK none needed
V/G 4 & greater none none needed



URBAN

00284

F/C (11) V/G 1 - none none needed OK
V/G 2, 3 OK none needed
V/G 4 & greater ~~OK~~ none, none needed

F/C (12) none none needed OK

F/C (14) V/G 1, 2, 3, 4, 5, 6, 7 OK none needed
V/G 8 & greater none, none needed OK

F/C (16) V/G 1, 2, 3, 4 OK none needed
V/G 5 1 sample - 2 needed

✓ - 043 100110000062 0.13 -
✓ - 043 100110000075 0.10 -

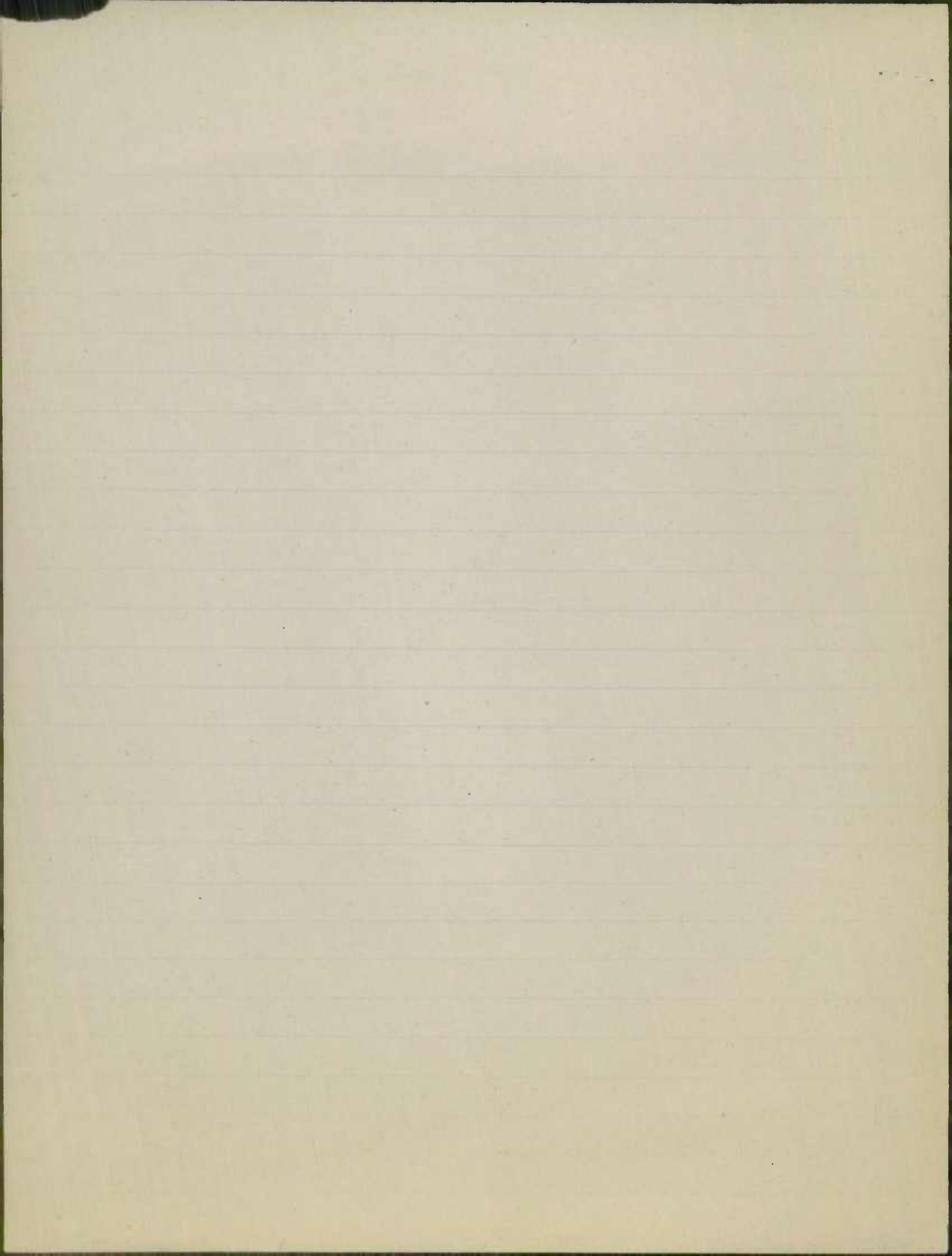
V/G 6 & greater none none needed

F/C (17) V/G 1, 2. OK none needed
V/G 3 2 samples 1 needed

✓ - 043 200660001032 0.12 -

V/G 4, 5 OK none needed

V/G 6 & greater none needed



1996 HPMS SAMPLES

STANDARD SAMPLES ADDED

001 200530000250
001 206380000000
001 206380000007
001 206380000012

005 200450000226

015 202130001817

017 200060002929
017 306230000000

031 002702500019
031 004950000676
031 004950000717
031 004950000735
031 203550000383

033 005950000808
033 005950000908

035 100500000645
035 100500000665

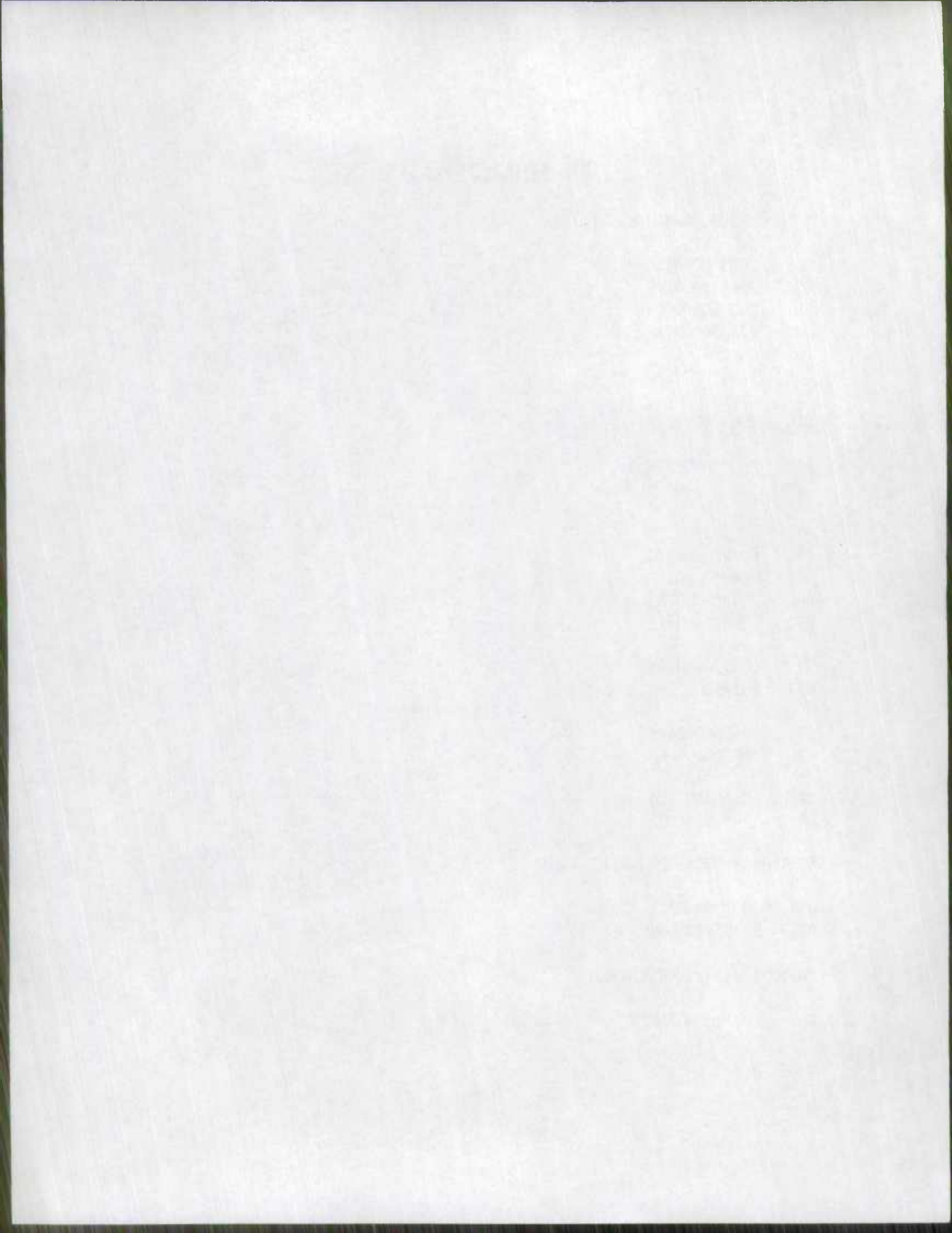
045 100500001586
045 100500001603

STANDARD SAMPLES DELETED

031 200970000031
031 625921300000

DONUT SAMPLES ADDED

003 202140000000708



~~005 20295000 1317 .51~~
~~005 20295000 1412 .23~~
~~005 20295000 1374 .10~~

PICK 2

FUNC CL 12
VIA 5

PICK 2

FUNC CL 12
VIA 4

005 206950000000 .18
 005 206950000000 .99
 005 206950000000 .02

10070

FUNC CL = 14
 VIA 5

PICK 2

025 20024000 0000 .15 ✓
 025 20024000 0172 .17 ✓
~~025 20024000 189 .93~~
~~025 20024000 1186 .12~~

FUNC CL 14
 VIA 8

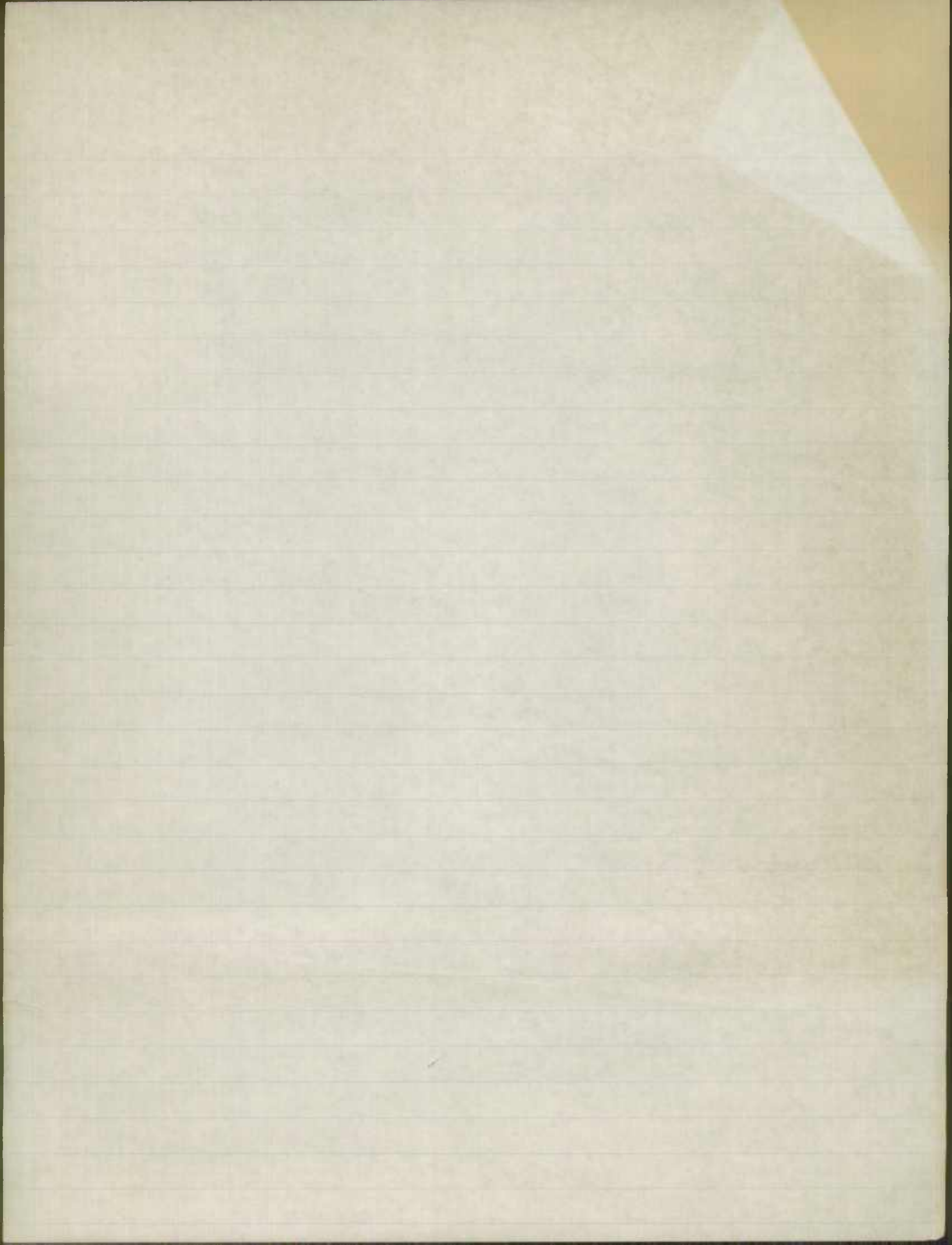
005 20002000 3587 0.35

use this one

FUNC CL 16 VIA 9 - NONE - none w VIA 11 in data

FUNC CL 11 TOLL 2 VIA 1 NONE ✓
 FUNC CL 11 TOLL 2 VIA 5 NONE
 FUNC CL 11 TOLL 4 VIA 1 NONE
 FUNC CL 11 TOLL 4 VIA 2 10070
 FUNC CL 11 TOLL 4 VIA 3

025 200095000 0728 76 -1070



WASH. UNJ - Area

UNJ-008 FIC 11 VIG 8 AADT

031 004950000000 223 180,200 ← use this
~~004950000052~~

UNJ 331 FIC 12 VIG 1

PICK 3 9999

003 206650000000
→ 68 15
~~83 23~~
→ 106 13
→ 119 11
~~130 05~~

VIG 1

~~UNJ 331 FIC 16 VIG 1~~

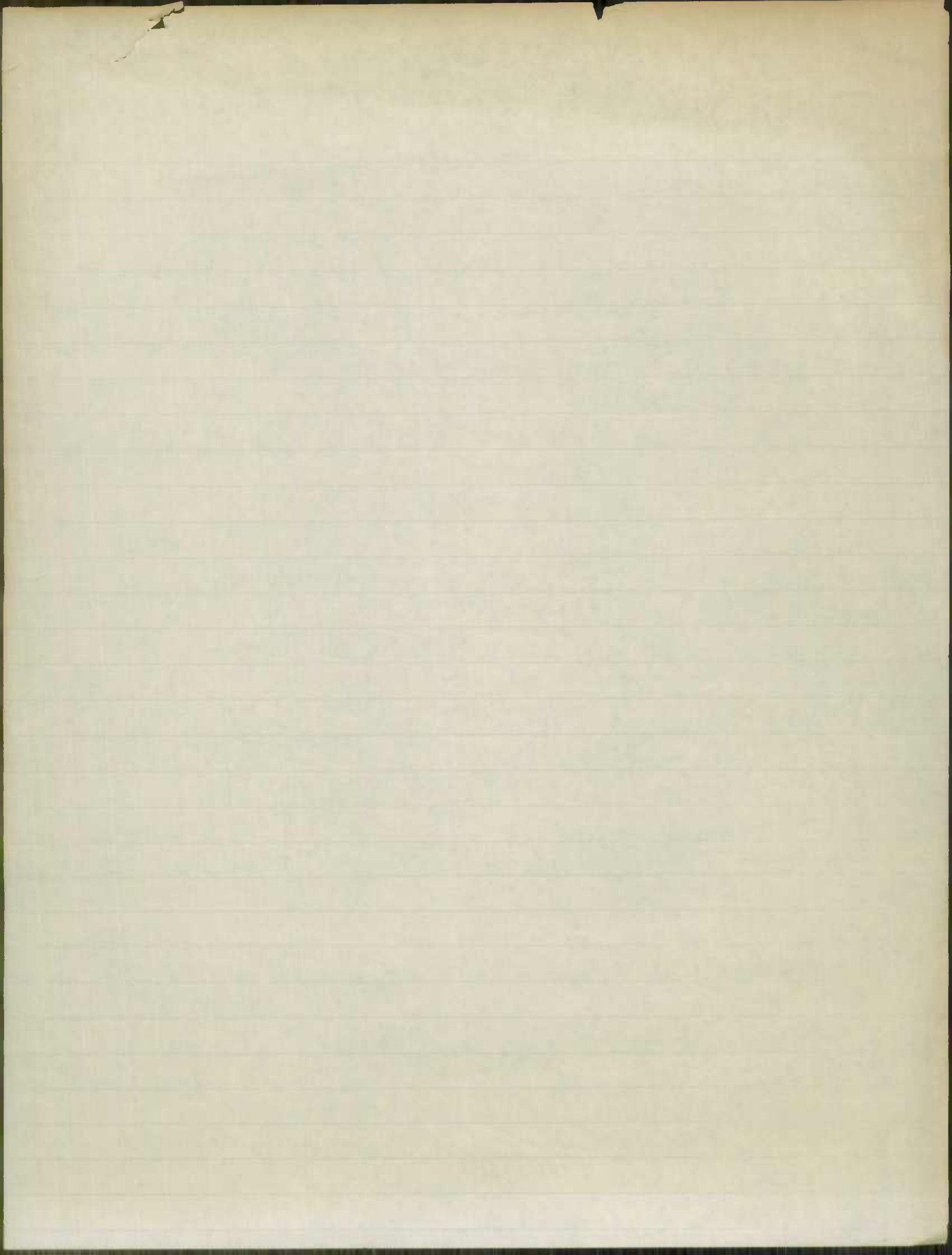
~~003 327490000322 .09 ← pick this one~~
~~013 7~~

UNJ 331 FIC 17 VIG 4 PICK 4

~~329300000078 0.50 ✓~~
~~330960000000 0.75~~
~~632200000057 0.64~~

SMALL LADDER

013



New Samples

Anne Arundel

State

✓ 0009700000000

✓ 000970000038

200020002070 ✓

200020002084 ✓

200020002739 ✓

200020002745 ✓

Balto. Co.,

State

000830000356 ✓

201220000008 ✓

201220000041 ✓

201220000259 ✓

Carrroll

State

201400000612 ✓

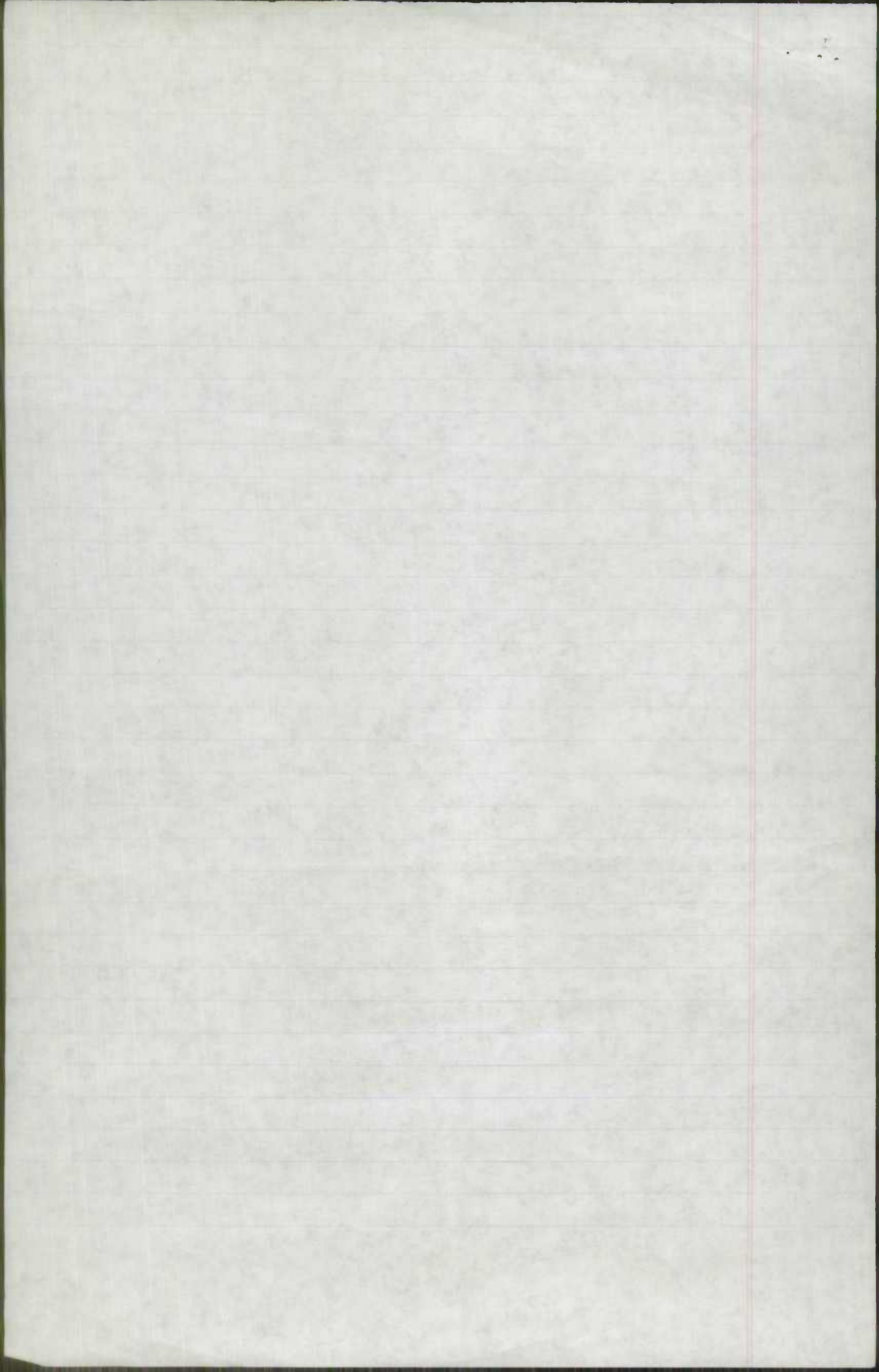
Cecil

State

✓ 100400000058

✓ 202130001856

✓ 202130001874



Charles
Local

- ✓ 303450000000
- ✓ 303450000078
- ✓ 303450000089
- ✓ 303450000107
- ✓ 303450000124
- ✓ 303450000162

imprmnt, cyl
 municipl
 HPMSmun, DB3
 mun_HPMS, DBF
 mun_EDID, NDX

Frederick
State

- ✓ 200850000655
- ✓ 200850000679
- ✓ 100403800925

Local

- ~~303730000163~~ State
- ✓ 601200570046

Harford
State

- ✓ 100400001224
- ✓ 100400001264
- ✓ 201320000051
- ✓ 200230000000

1200
1200
1200

1310
1200
1200

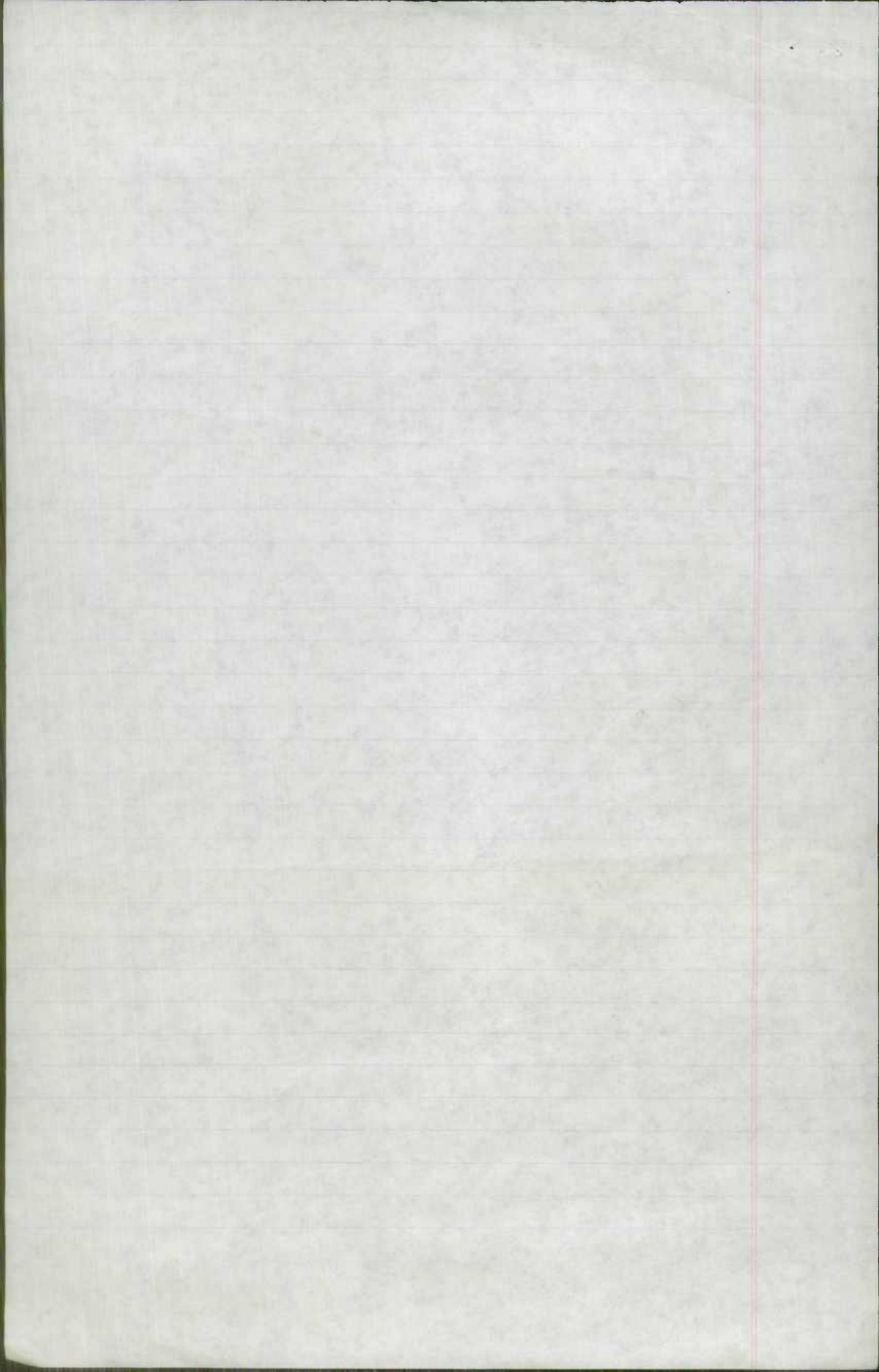
Local

- ✓ 800220000000

Howard
State

- ✓ 201750000677

DB3Data \ Howard
 HPMSmun, DB3



Montgomery
Local

✓ 34226 0000405
✓ 34226 000042

Prince Georges
State

✓ 00095 240 0030
✓ 00095 240 0041

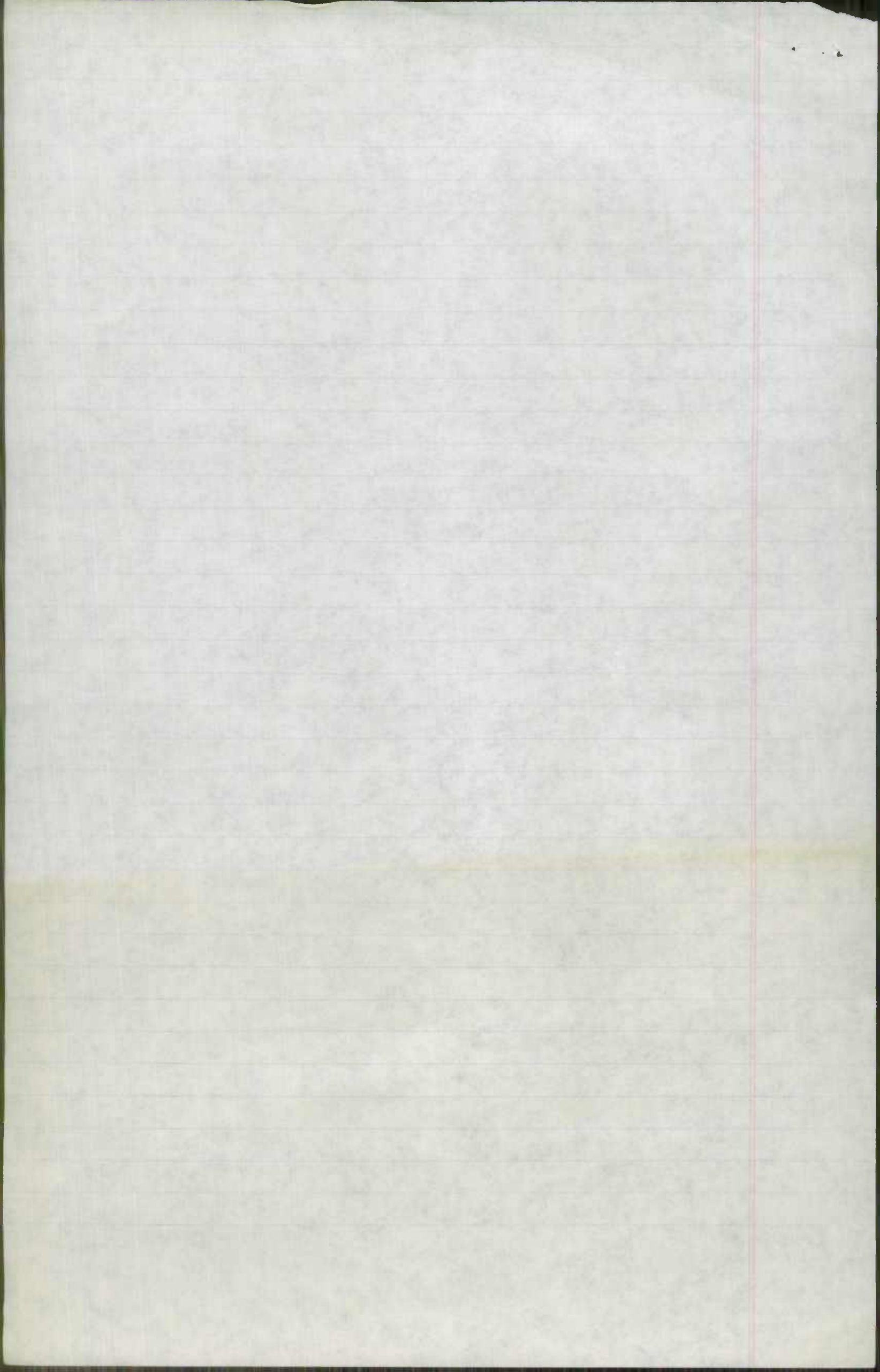
✓ 20005 000 0255
✓ 20004 000 0208
✓ 20004 000 0008

Local

✓ 30950 000 0005
✓ 30974 000 0000
✓ 31203 000 0112

Balto City
State

✓ 20295 000 0325
✓ 20295 000 0341

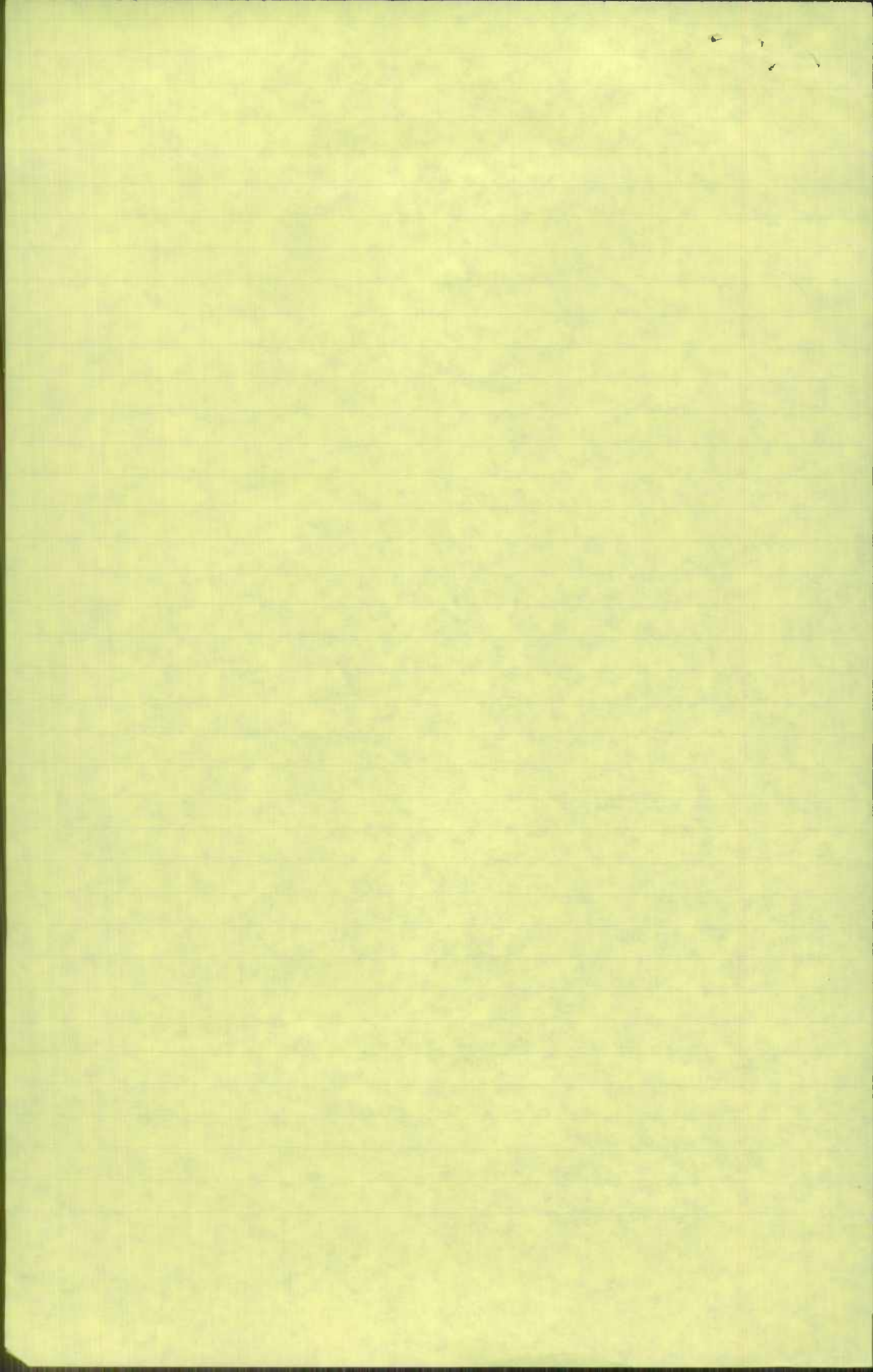


RURAL # OF SAMPLES NEEDED

Total = 1

SPEC 5/6 1/30

FC	VG	# NEEDED	
6	7	3	NONE
6	8	3	NONE
6	9	3	NONE
6	10	3	NONE
6	11	3	NONE
6	12	3	NONE
6	13	3	NONE
<hr/>			
7	6	3	NONE
7	7	2	NONE
7	8	3	NONE
7	9	3	NONE
7	10	3	NONE
7	11	3	NONE
7	12	3	NONE
7	13	3	NONE



RURAL

SAMPLERS NEEDED

TOLL = 2

SPECIAL SYS 1130

FC	VG	# NEEDED
----	----	----------

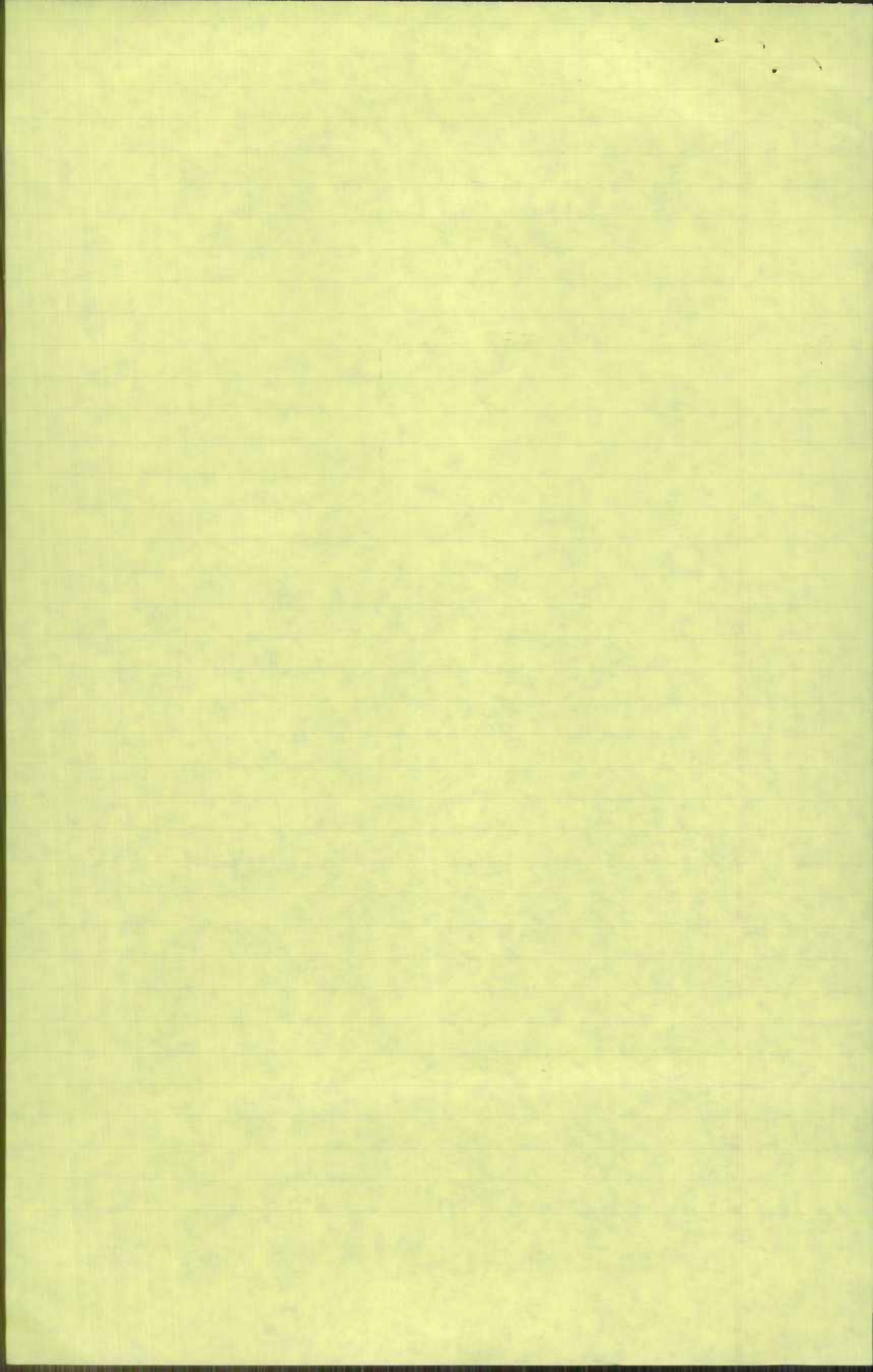
1	1	3
1	2	3
1	3	3
1	4	3
1	5	3
1	7	3
1	8	3
1	9	3
1	10	3
1	11	3
1	12	3
1	13	3

NONE
 NONE
 NONE
 NONE
 NONE
 NONE
 NONE
 NONE
 NONE
 NONE
 NONE
 NONE

2	ALL	ALL
6	ALL	ALL
7	ALL	ALL
8	ALL	ALL

8 US 301 @ .00
 8 US 301 @ 1.90
 8 US 301 @ 2.11

VG = 3 ✓
 VG = 3 ✓
 VE = 3 ✓

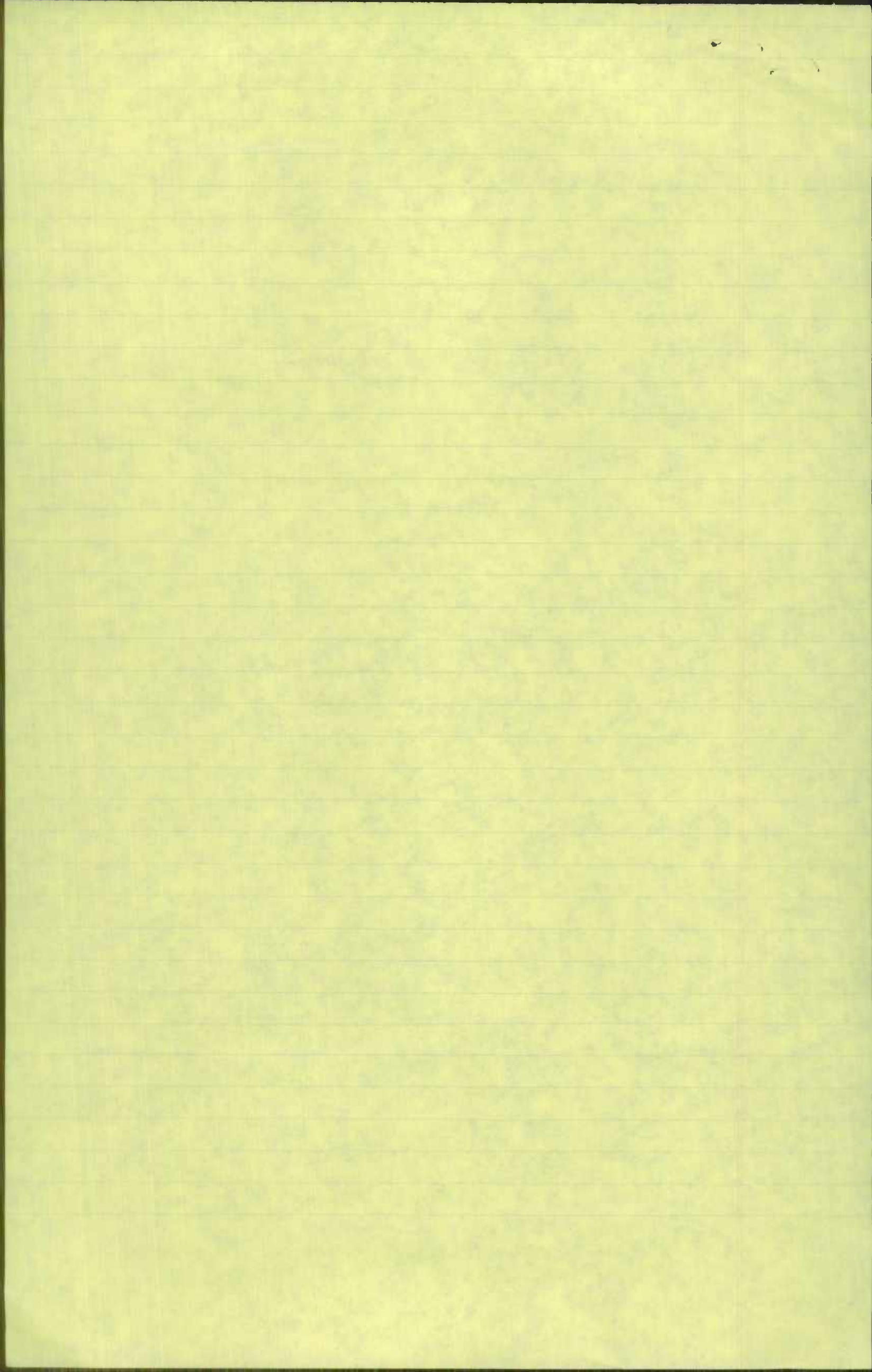


RURAL SAMPLES NEEDED

TOLL - 1

PEC 5/5 1 130

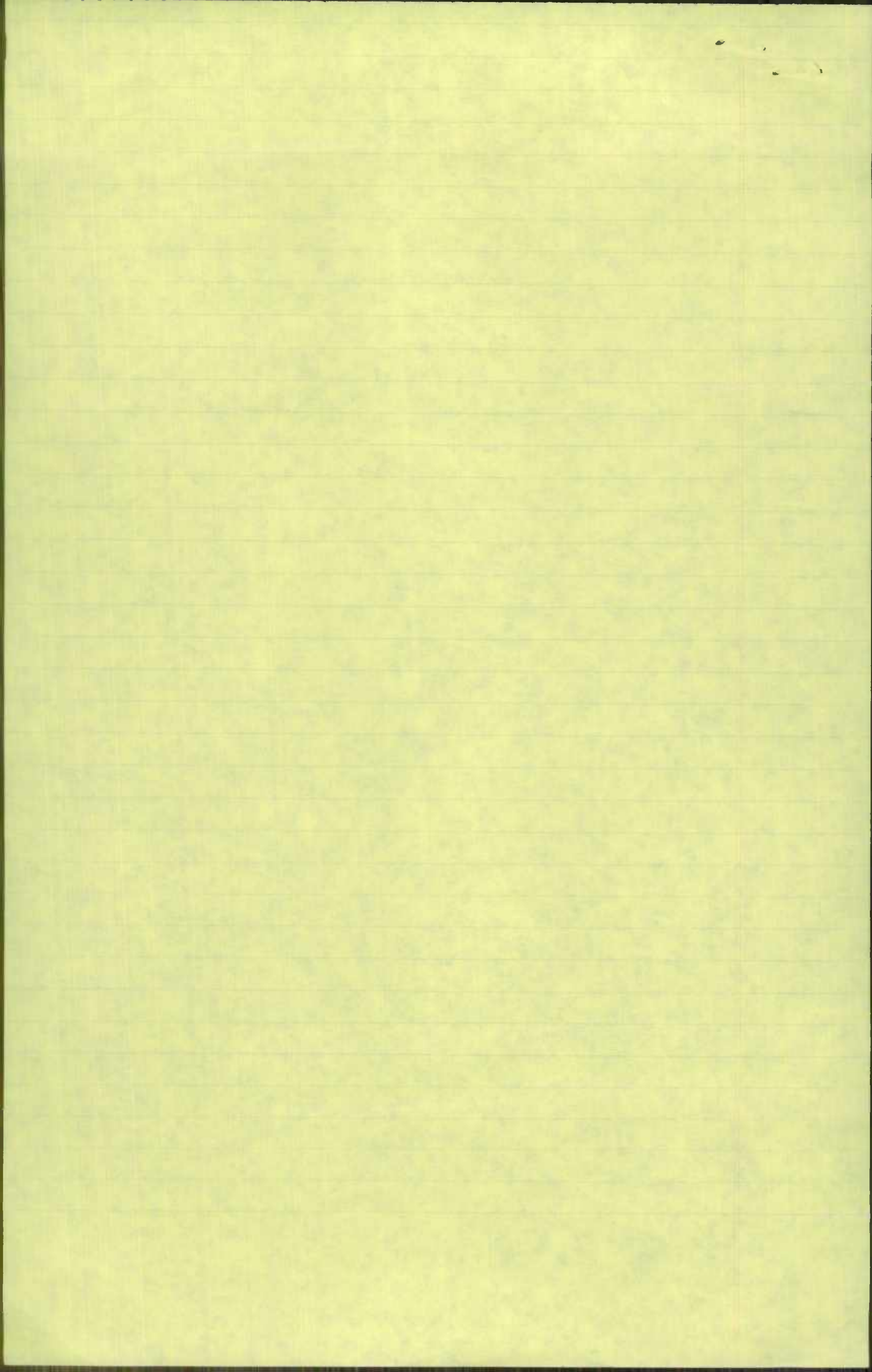
FC	VG	# NEEDED	
8	6	2	MD 1791 @ .35 ✓ ANNE ARUNDEL MD 261 @ 1.24 ✓ CALVERT
8	7	2	MD 231 @ 5.64 ✓ CALVERT ✓ MD 231 @ 5.70 ✓ CALVERT ✓
8	8	3	NONE
8	9	3	NONE
8	10	3	NONE
8	11	3	NONE
8	12	3	NONE
8	13	3	NONE



RURAL # SAMPLES NEEDED

SPEC. SYS 7 30

F/C	V/C	# NEEDED	
1	1	1	co 11 IS 68 @ 10.60 ✓ .52
1	3	3	co 01 IS 68 @ 3.28 1.55
1	4	3	4.83 2.04
1	5	3	6.87 .55
1	6	3	
1	7	3	
1	8	3	
1	9	3	
1	10	3	
1	11	3	
1	12	3	
1	13	3	
2	ALL	ALL	
6	ALL	ALL	
7	ALL	ALL	
8	ALL	ALL	



RURAL SAMPLES SELECTED

TOLL = 1

SPEC SYS Between 1 and 30

F/C	VG	Co	ROUTE	MP	SECT LENGTH
08	6	2	MD 179	.35	1.62 X
08	6	2	MD 261	7.24	.25 X
08	7	4	MD 231	5.64	.06 X ✓
08	7	4	MD 231	5.70	.05 X

TOLL = 2

SPEC SYS

Between 1 and 30

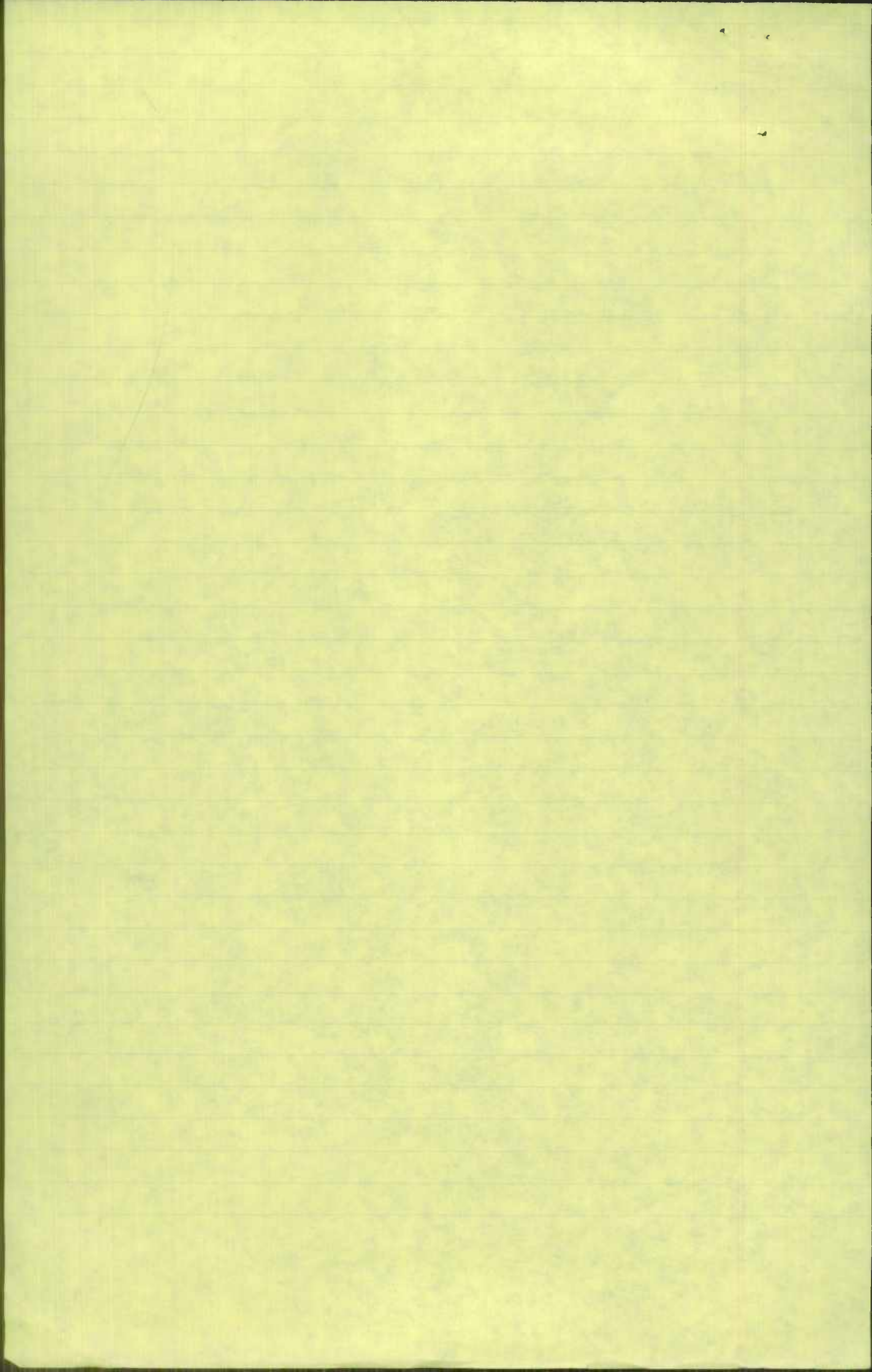
02	3	08	US 301	.00	1.90 X
02	3	08	US 301	1.90	.18 X
02	3	08	US 301	2.08	.03 X

TOLL = 2

spec sys

is greater 30

01	1	11	IS 68	10.60	.52 X
01	3	01	IS 68	3.28	1.55 X
01	3	01	IS 68	4.83	2.04 X
01	3	01	IS 68	6.87	.55 X



$$FC = 11$$

SMALL URBAN # SAMPLES NEEDED

TOLL = 1

SPECIAL SYSTEMS between 1 & 30

F/C	VG	# SAMPS NEEDED	
11	1	3	NONE
11	2	3	NONE
11	3	3	NONE
11	4	3	NONE
11	5	3	NONE
11	7	3	NONE
11	9	3	NONE
	10	3	NONE
	11	3	NONE
	12	3	NONE
	13	3	NONE

12

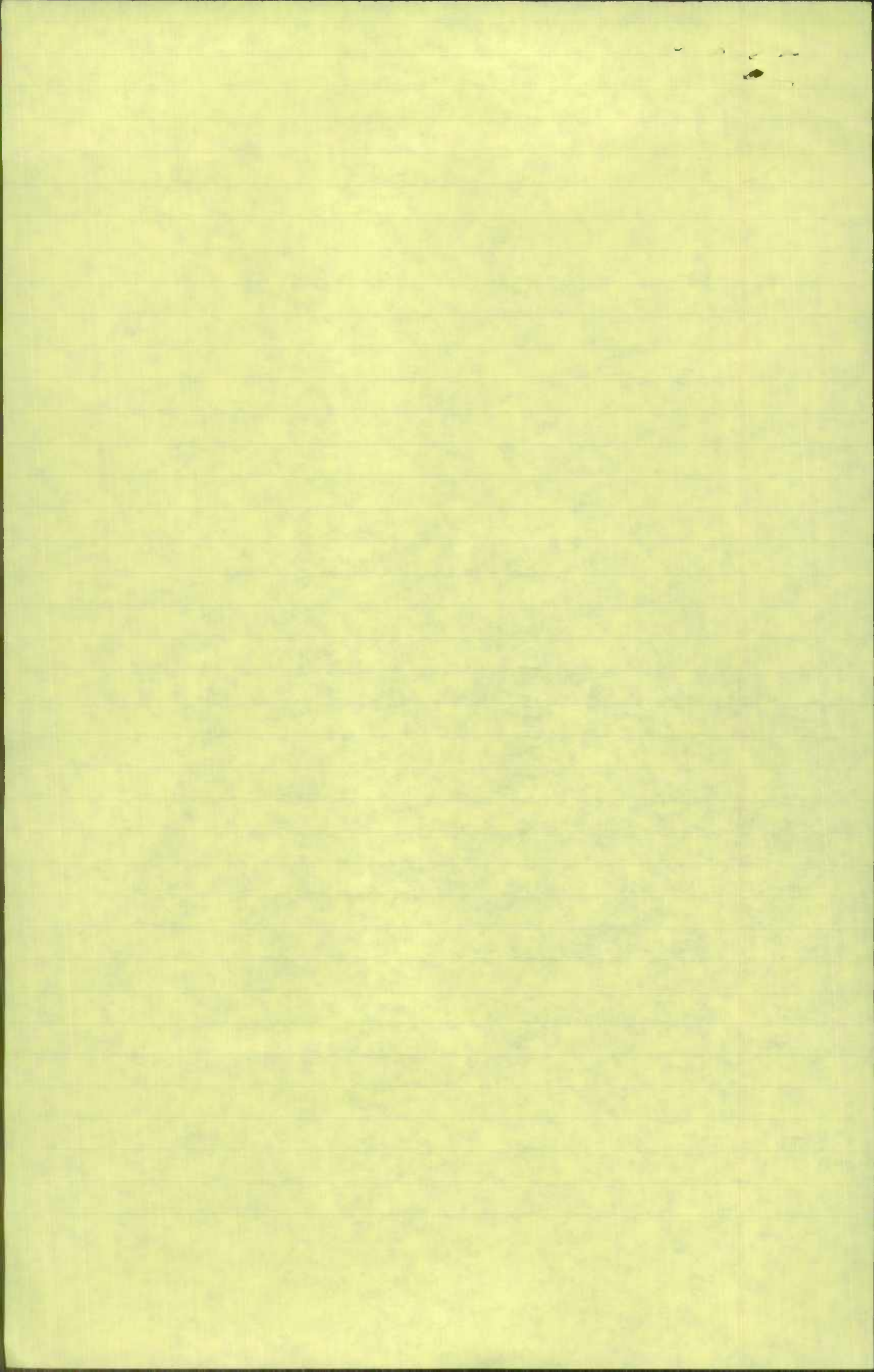
12

SMALL URBAN
SAMPLES NEEDED

TOLL = 1

SPEC-SYS 1/30

FC	VG	# SAMPS NEEDED	
12	1	1	NONE
12	5	2	NONE
12	6	2	NONE
12	7	2	NONE
12	8	1	NONE
12	9	3	↓
12	10	3	
12	11	3	
12	12	3	
12	13	3	
14	9	1	
14	11	1	NONE
14	12	3	NONE
14	13	3	NONE



16

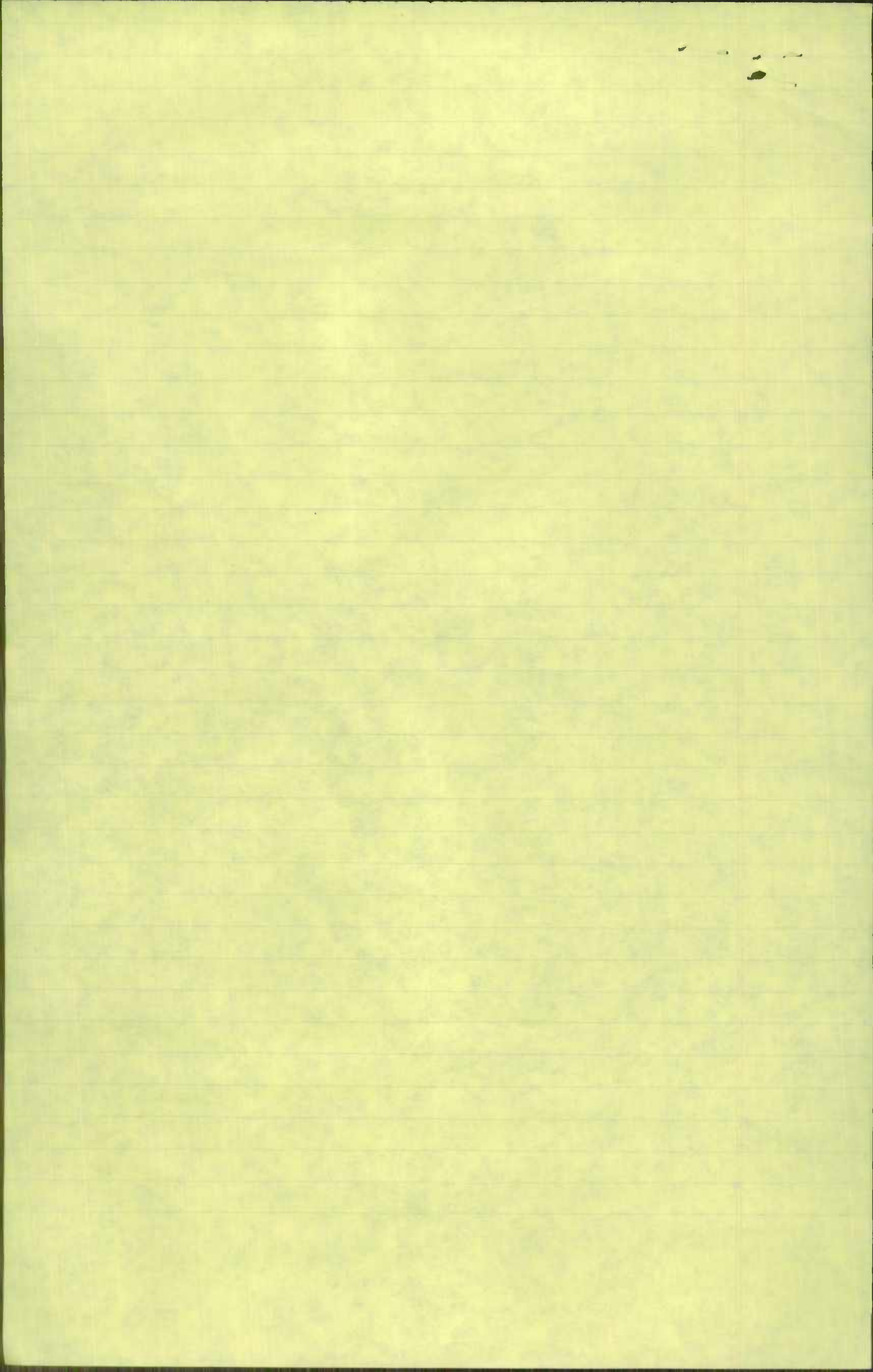
SMALL URBAN

SAMPLES NEEDED

TOLL = 1

SPEC-SYS = 1130

F/C	V6	# NEEDED	
16	6	3	10 MD 85 @ 7.75 ✓ 10 MD 85 @ 8.27 ✓ 10 MD 85 @ 8.74 ✓
16	8	3	NONE
16	9	3	~
16	10	3	
16	11	3	
16	12	3	
16	13	3	
17	6	3	
17	7	3	
17	8	3	
17	9	3	
17	10	3	
17	11	3	
17	12	3	
17	13	3	



SMALL URBAN
SAMPLES NEEDED

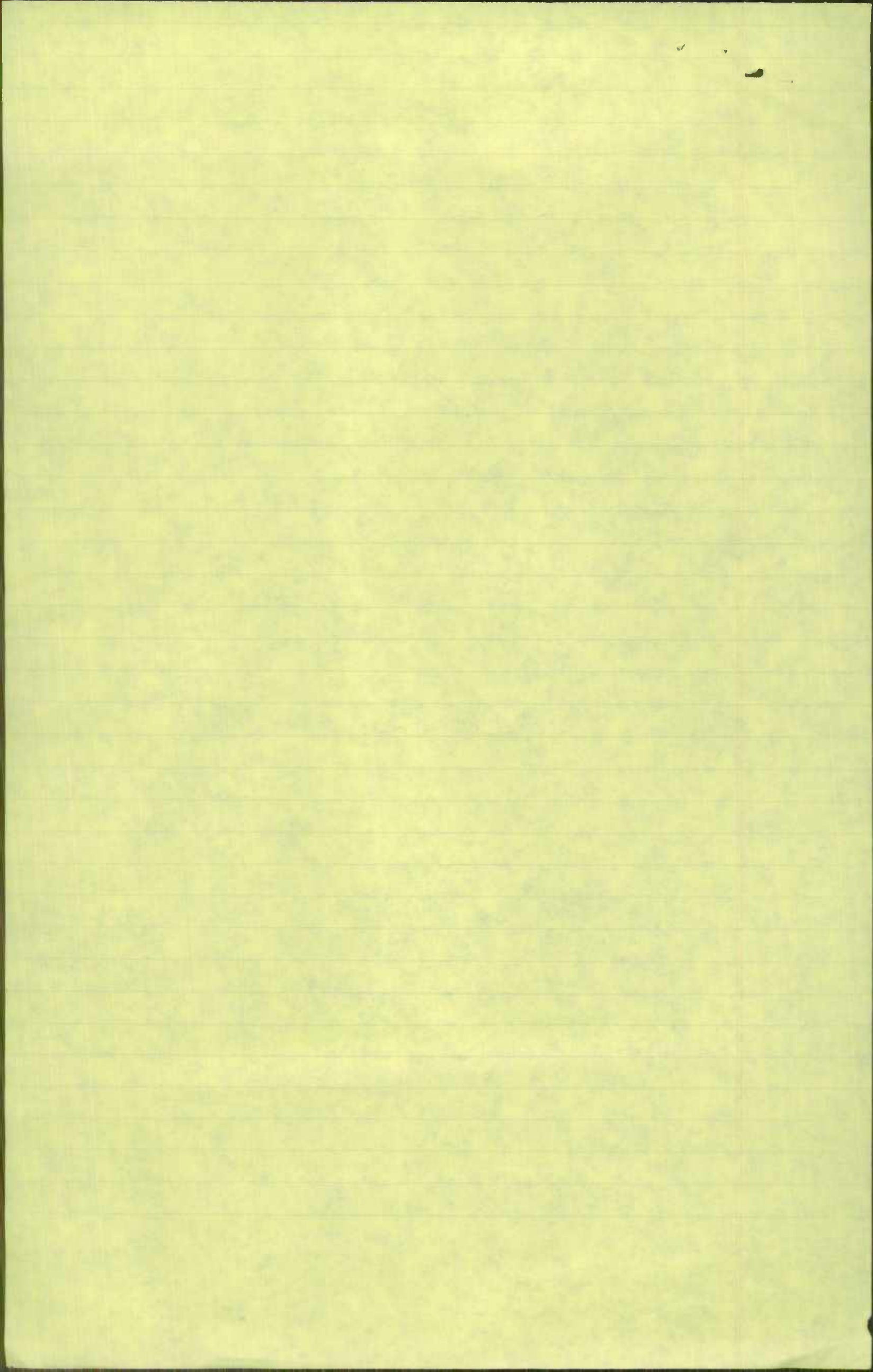
TOLL = 2
SPECIAL SIS ≥ 30

<u>FC</u>	<u>VG</u>	<u># SAMPS</u>
11	ALL	ALL
12	ALL	
14	ALL	
16	ALL	
17	ALL	

SMALL URBAN

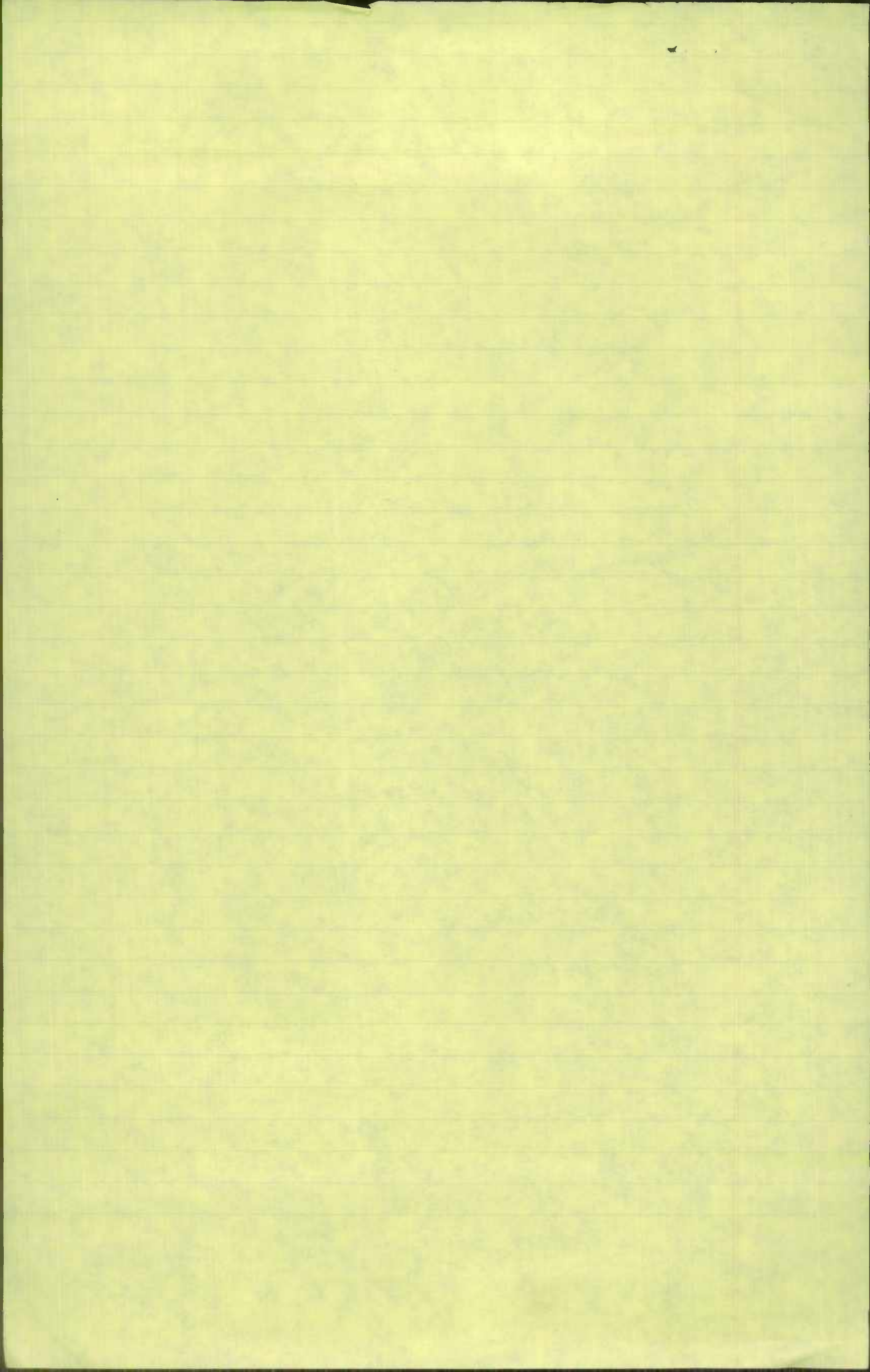
SPECIAL SIS > 30

<u>FC</u>	<u>VG</u>	<u># SAMPS</u>
11	ALL	ALL
12		ALL
14		ALL
16		ALL
17		ALL



TOLL = 1 SPEC SYS Between 1 + 30
 SMALL URB SAMPLES SELECTED

F/c	VG	CO	ROUTE	MP	SECT LENGTH	
14	09	06	MD 140	8.81	.53	X
16	06	10	MD 85	7.75	.52	X
16	06	10	MD 85	8.27	.47	X
16	06	10	MD 85	8.74	.21	X
17	06	10	CO 719	1.27	.85	X
17	06	10	MU 1310(057)	.03	.26	X
17	06	10	MU 1615(057)	3.07	.51	X



1991 FMR

no. area new SAMPLES selected

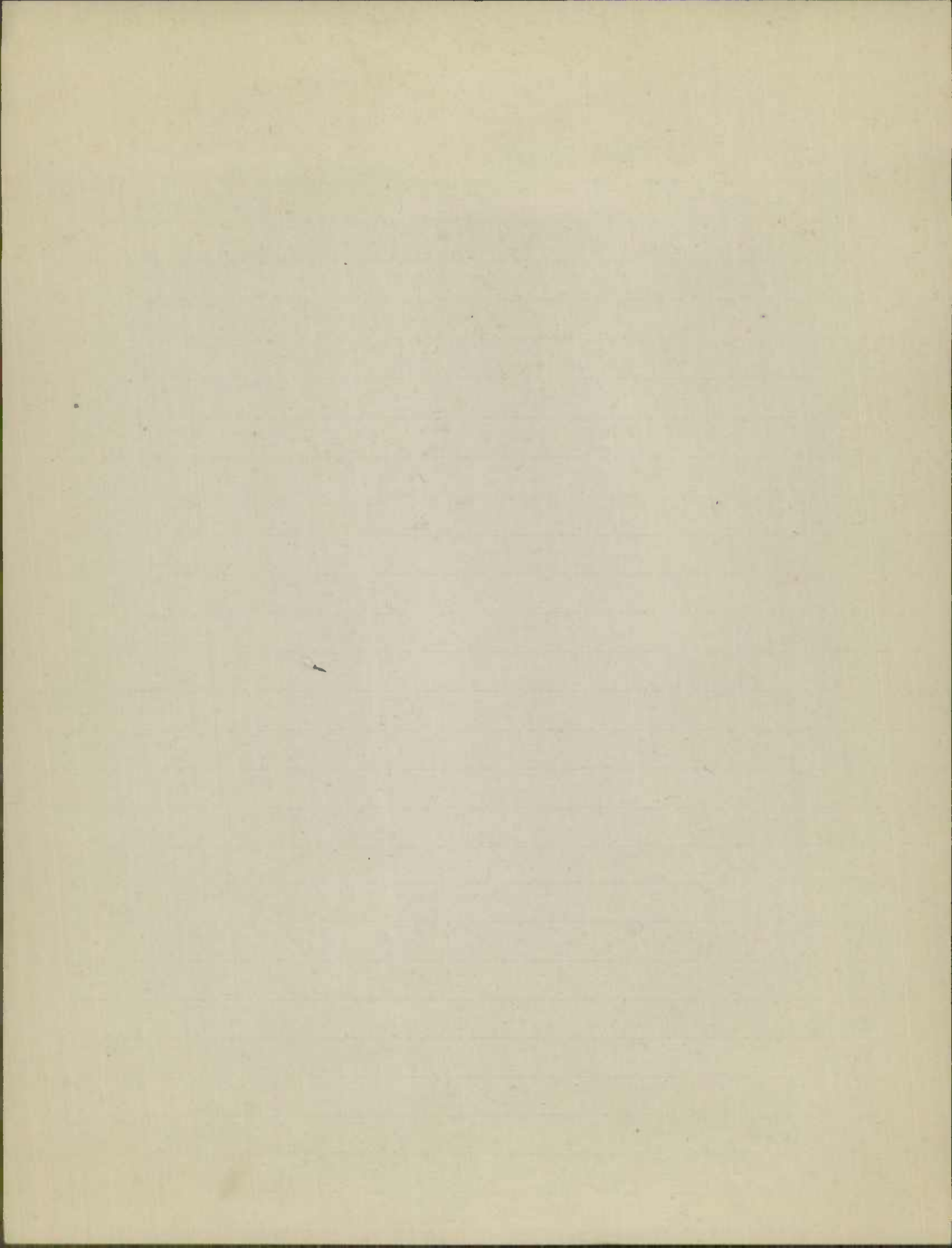
285

001	0006800000220	0.19	✓
001	0006800000239	0.49	✓
001	614120410047	0.22	✓
001	636900410050	0.02	✓
001	63690410052	0.04	✓

no area 331

no

62920	0030000	0.08	✓
20253	0100006	0.11	✓
20253	0100017	0.21	✓
20253	0100000	0.06	✓
61500	0030038	0.19	✓
32930	0000052	0.15	✓
32801	0000101	0.17	✓
32930	00000128	.10	✓



00012

new SAMPLES selected
24 008950000046 0.58 ✓

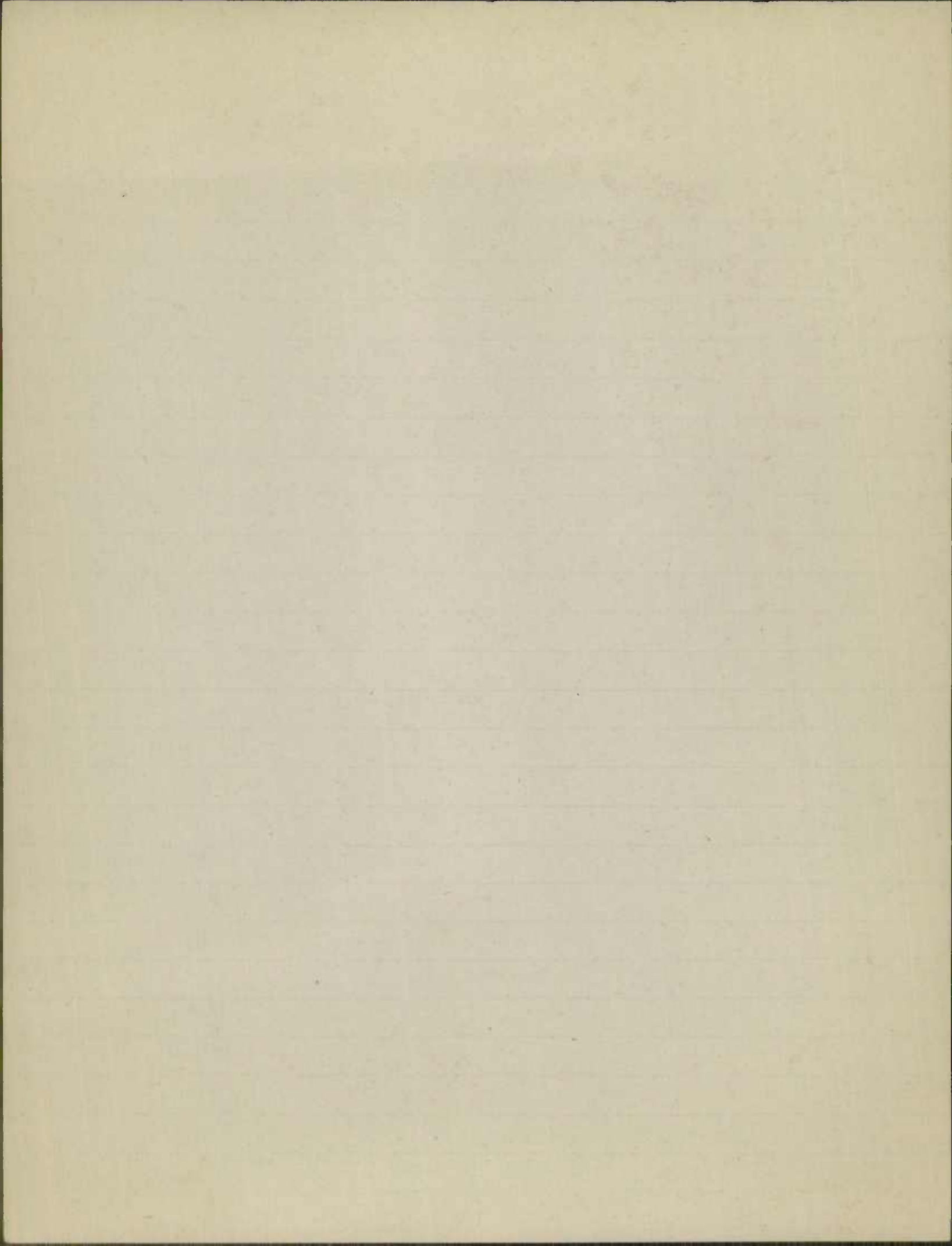
00063

NONE

00284

↑

21 200640000256 .21 ✓

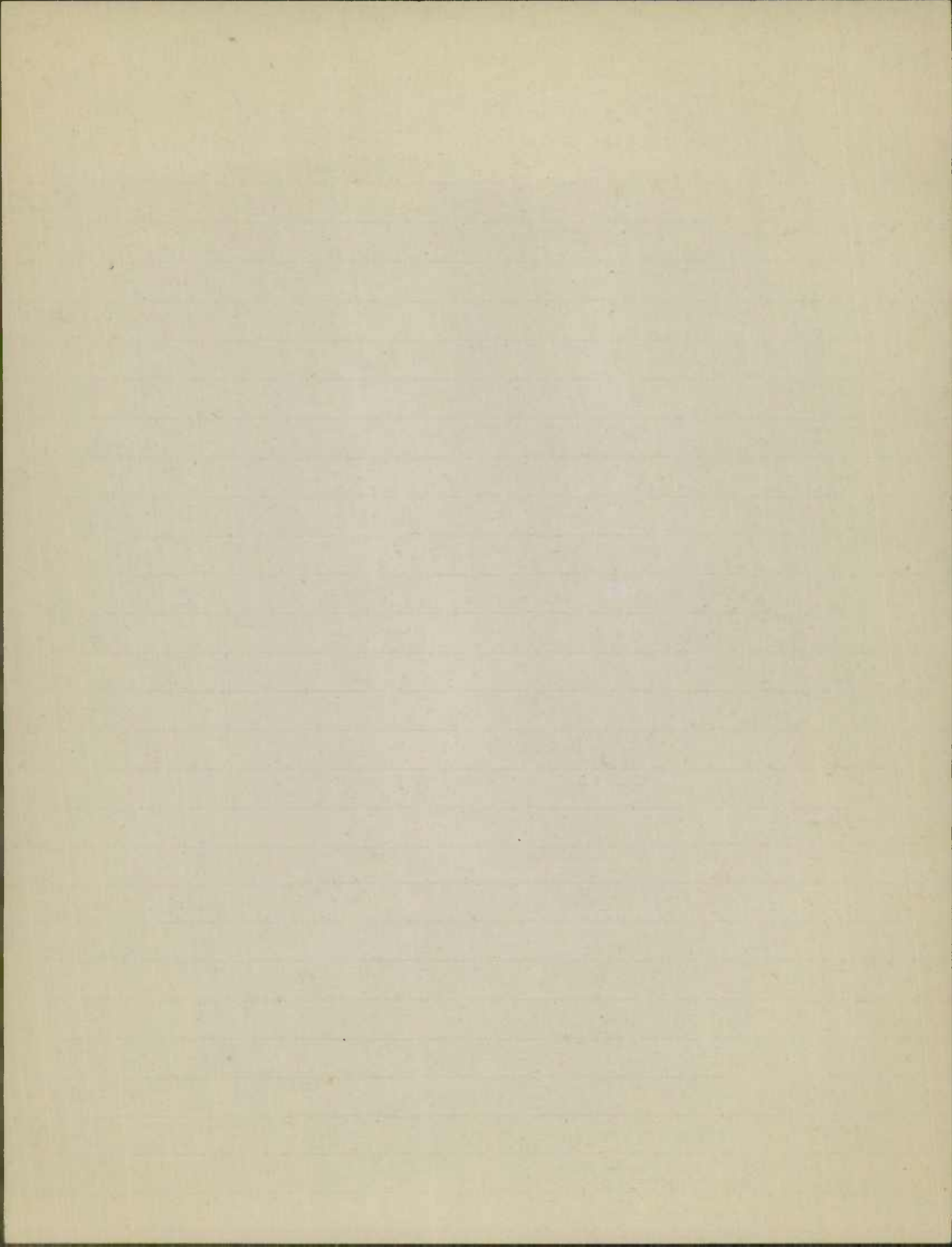


new samples selected

00008

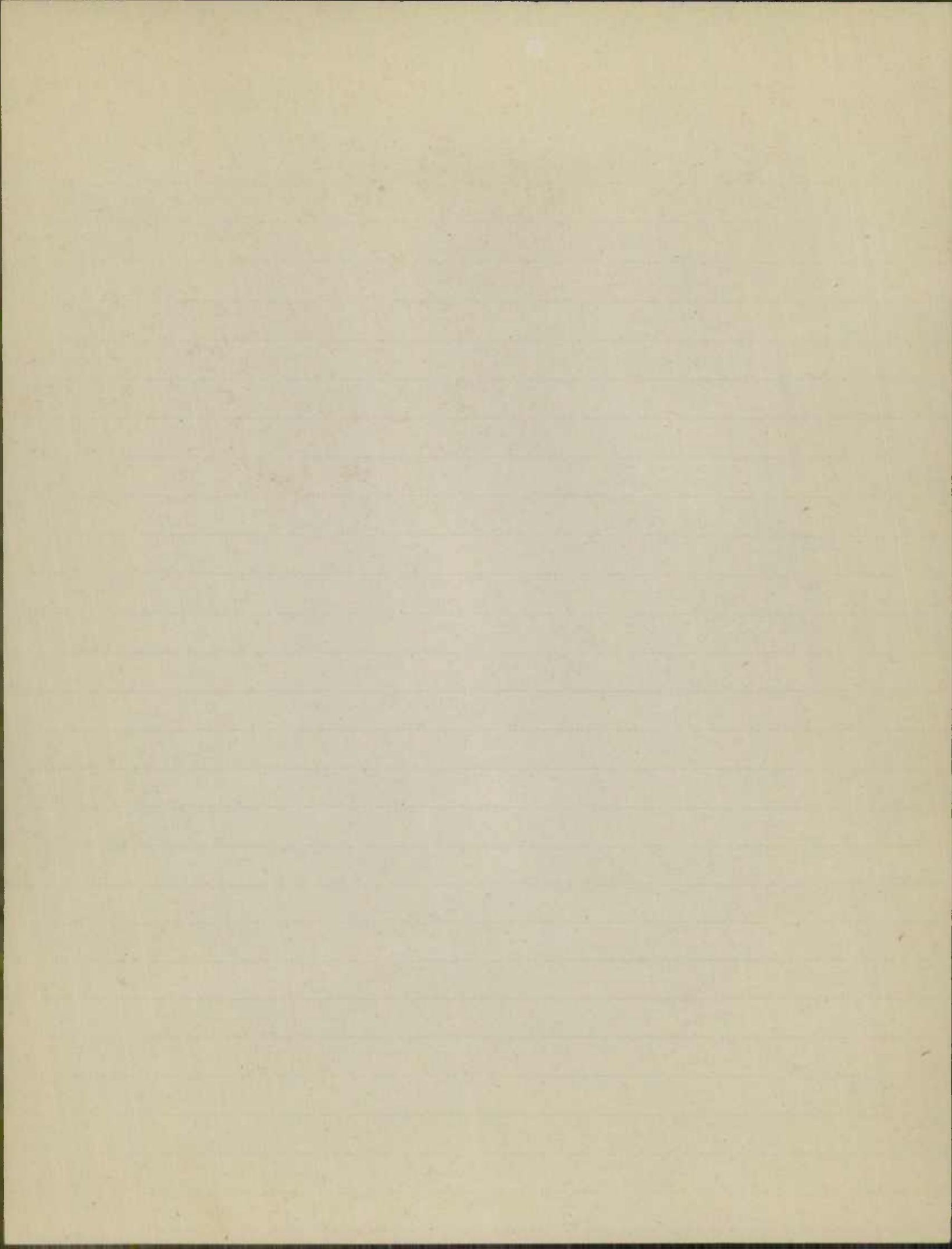
16	202010000000	0.13	4
16	202230000650	0.31	+
16	100010000438	0.48	+
15	201240000322	0.15	+
15	201240000337	0.22	+
16	202120000336	0.30	+
16	205640000129	0.50	+
16	202120000005	0.12	+
16	202120000739		

copy - 500
on map =



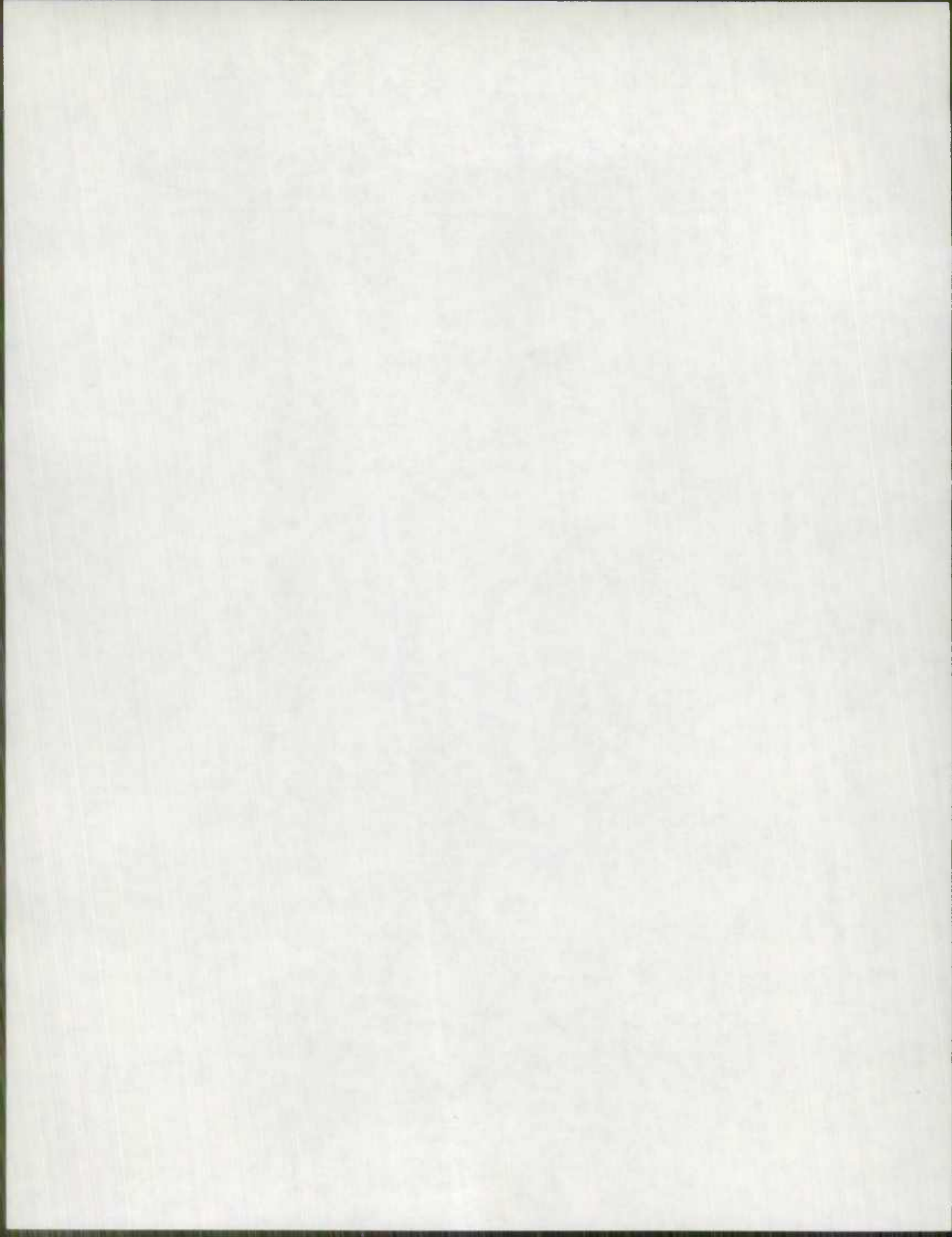
V/G samples needed

<u>VRS-AREA</u>	<u>FIC</u>	<u>V/G</u>	<u>needed</u>	<u>SPEC. SYSTEM</u>	<u>TOLL</u>
00008	11	01	3? NONE	01	1
		02	OK		
		03	OK		
		04	OK		
		05	OK		
		06	OK		
		07	OK		
		08	OK		
		09+	need 3? NONE		



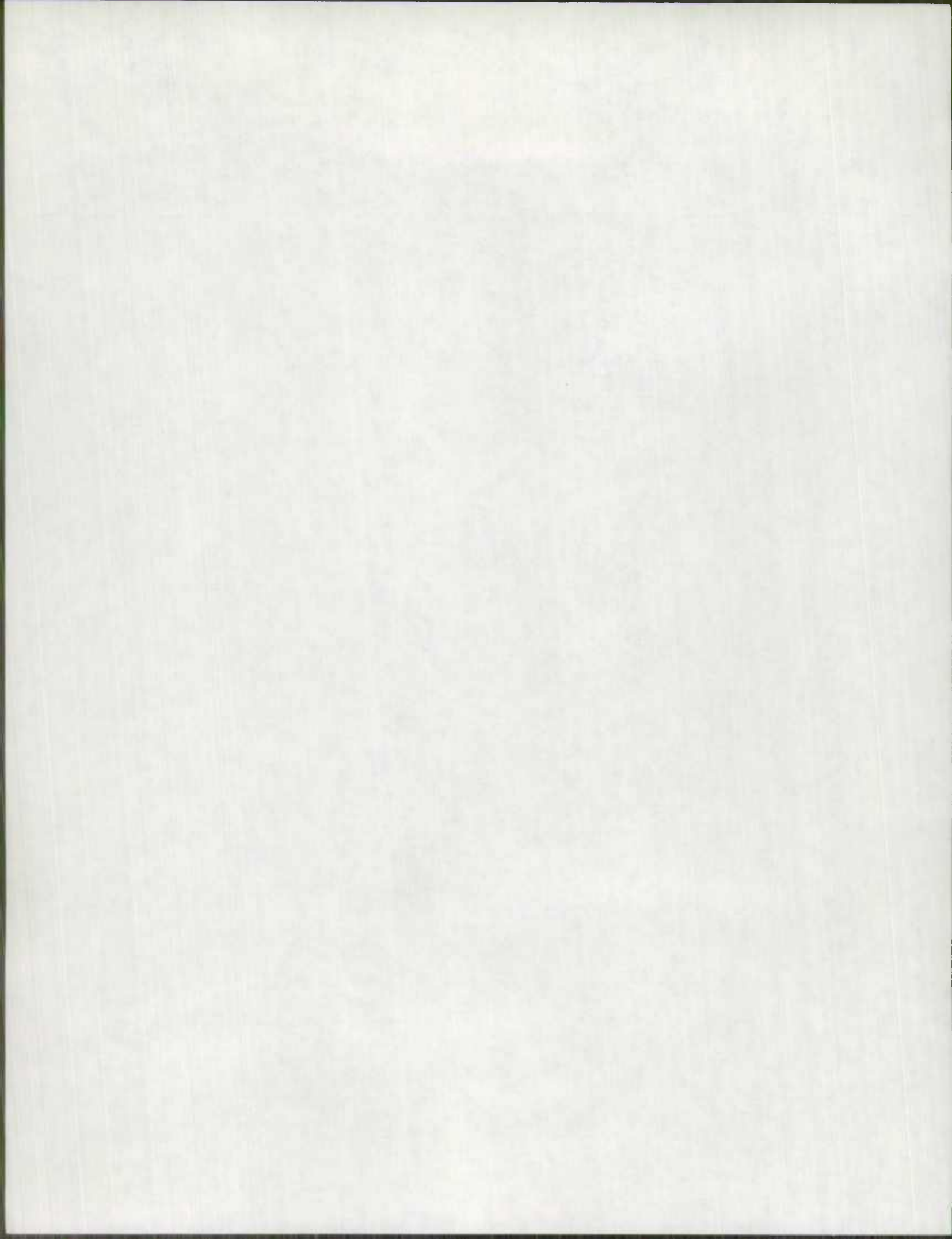
V/G SAMPLES needed

<u>URB-ANA</u>	<u>K/C</u>	<u>V/G</u>	<u>needed</u>	<u>SPEC. SYSTEM</u>	<u>TOLL</u>
00008	12	01	OK	01	1
		02	OK		
		03	OK		
		04	OK		
		05	3? none		
		06	1?	2020100000000	
		07 +	3? none		



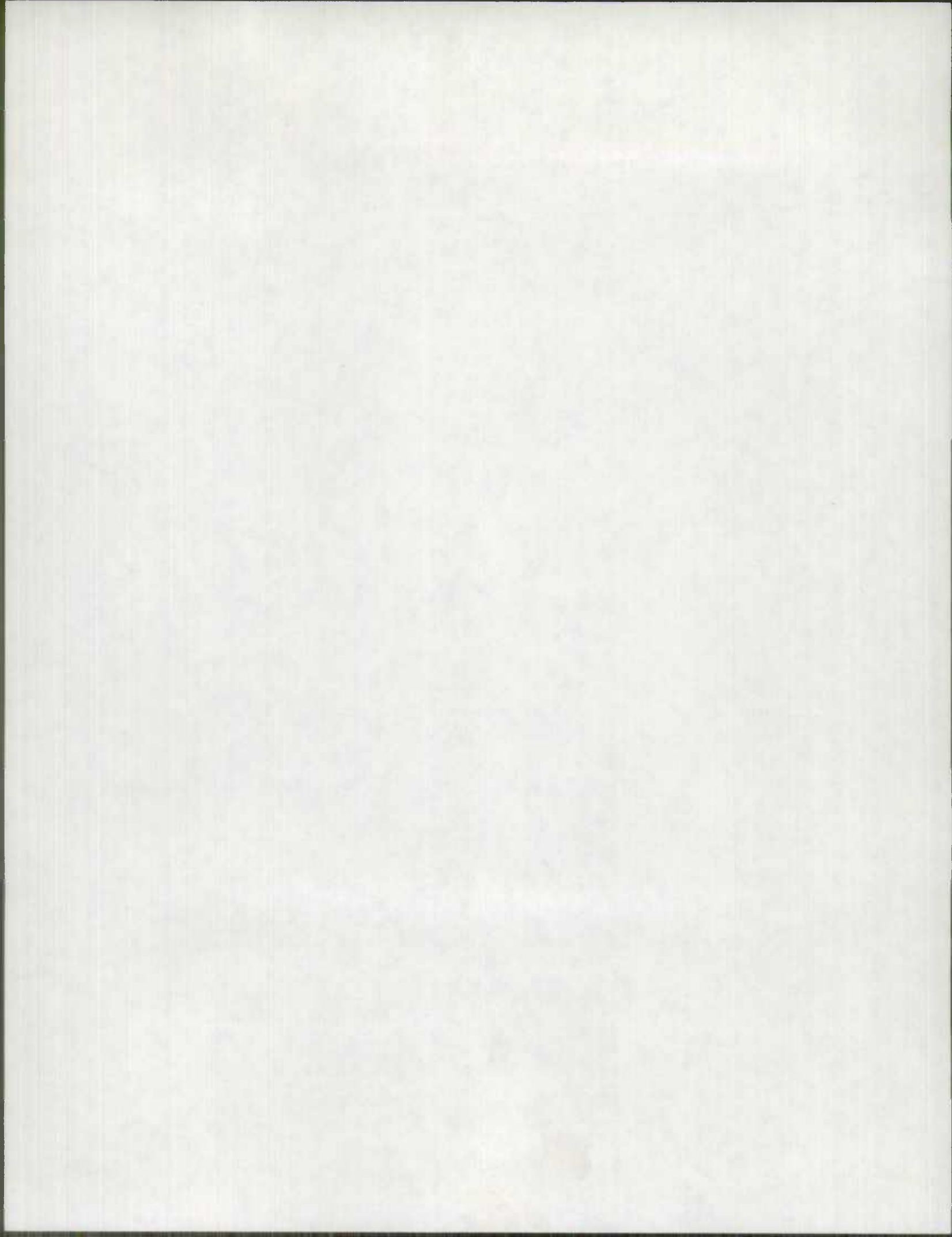
V/G SAMPLES needed

<u>URB-ANA</u>	<u>F/C</u>	<u>V/G</u>	<u>needed</u>	<u>SPEC. SYSTEM</u>	<u>TOLL</u>
00008	14	01	OK	01	1
	✓	02	3? none		
		03	OK		
	✓	04	1? 202230000650		
		05	OK		
		06	OK		
		07	OK		
		08	OK		
	✓	09	1? 100010000438		
		10	OK		
		11	OK		
	✓	12+	3? only 2	20124000 322 337	



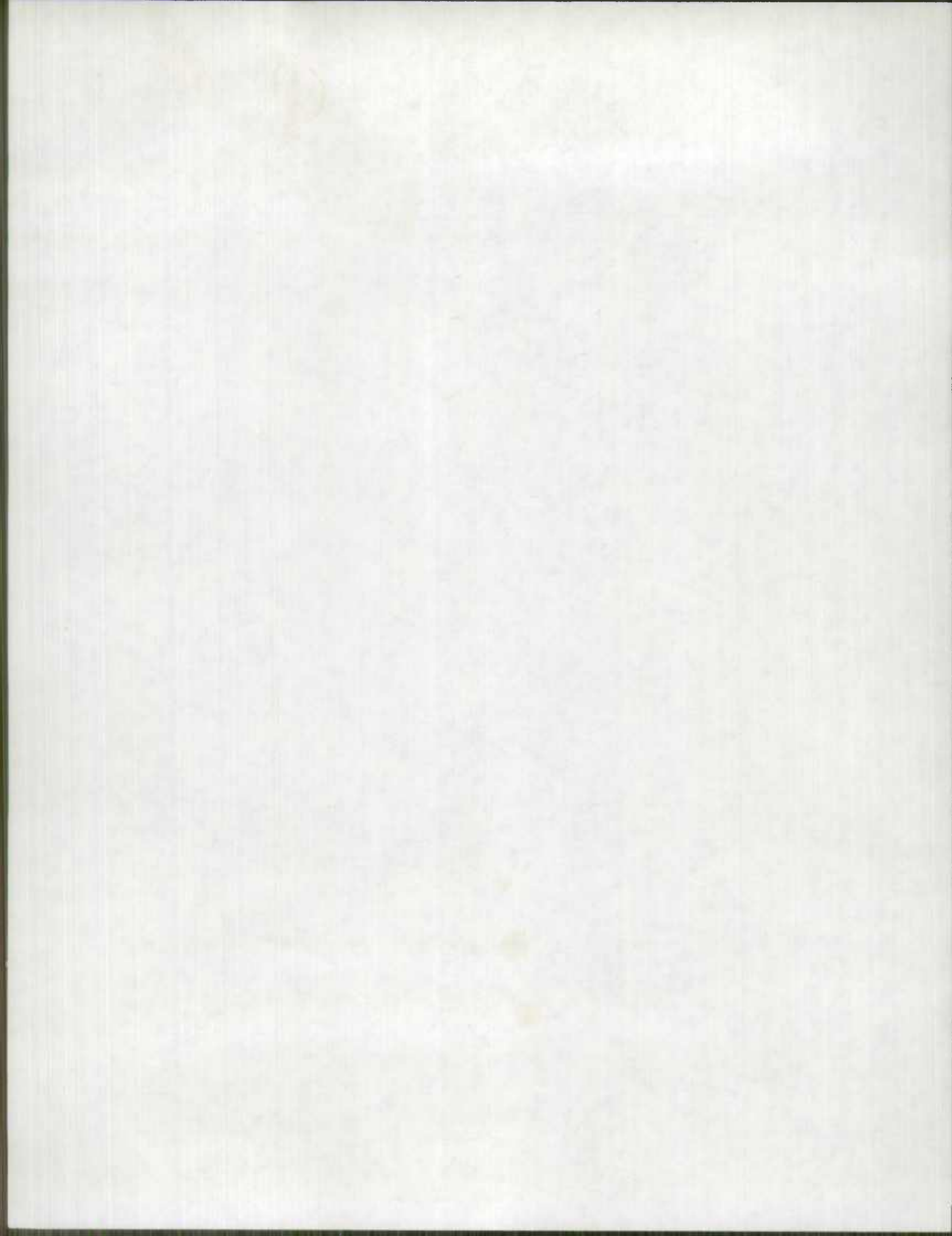
V/G SAMPLES needed

<u>URB-ANA</u>	<u>F/C</u>	<u>V/G</u>	<u>needed</u>	<u>SPEC. SYSTEM</u>	<u>TOLL</u>
00008	16	01	OK	01	1
		02	OK		
		03	OK		
		04	OK		
		05	OK		
		06	2?	202120000376 205640000129	
		07	1?	202120000005	
		08	OK		
		09	OK		
		10+	3? none		



V/G SAMPLES needed

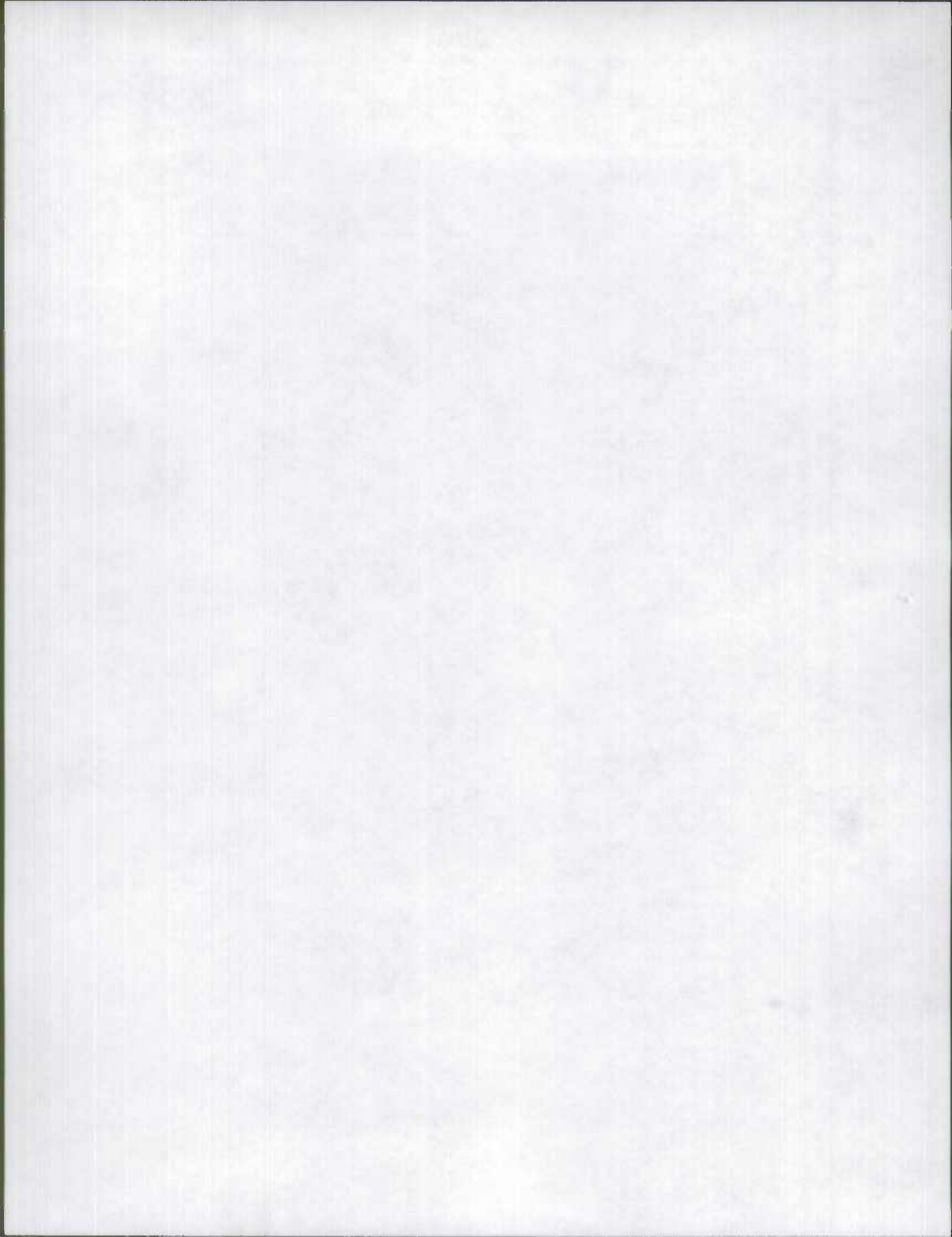
<u>URB-ANA</u>	<u>F/C</u>	<u>V/G</u>	<u>needed</u>	<u>SPEC. SYSTEM</u>	<u>TOLL</u>
00008	17	01	OK	01)
		02	OK		
		03	OK		
		04	OK		
		05	OK		
		06	OK		
		07	OK		
		08	OK		
		09	OK		
		10+	3 ²	NONE	



NEW SAMPLES FOR 1992

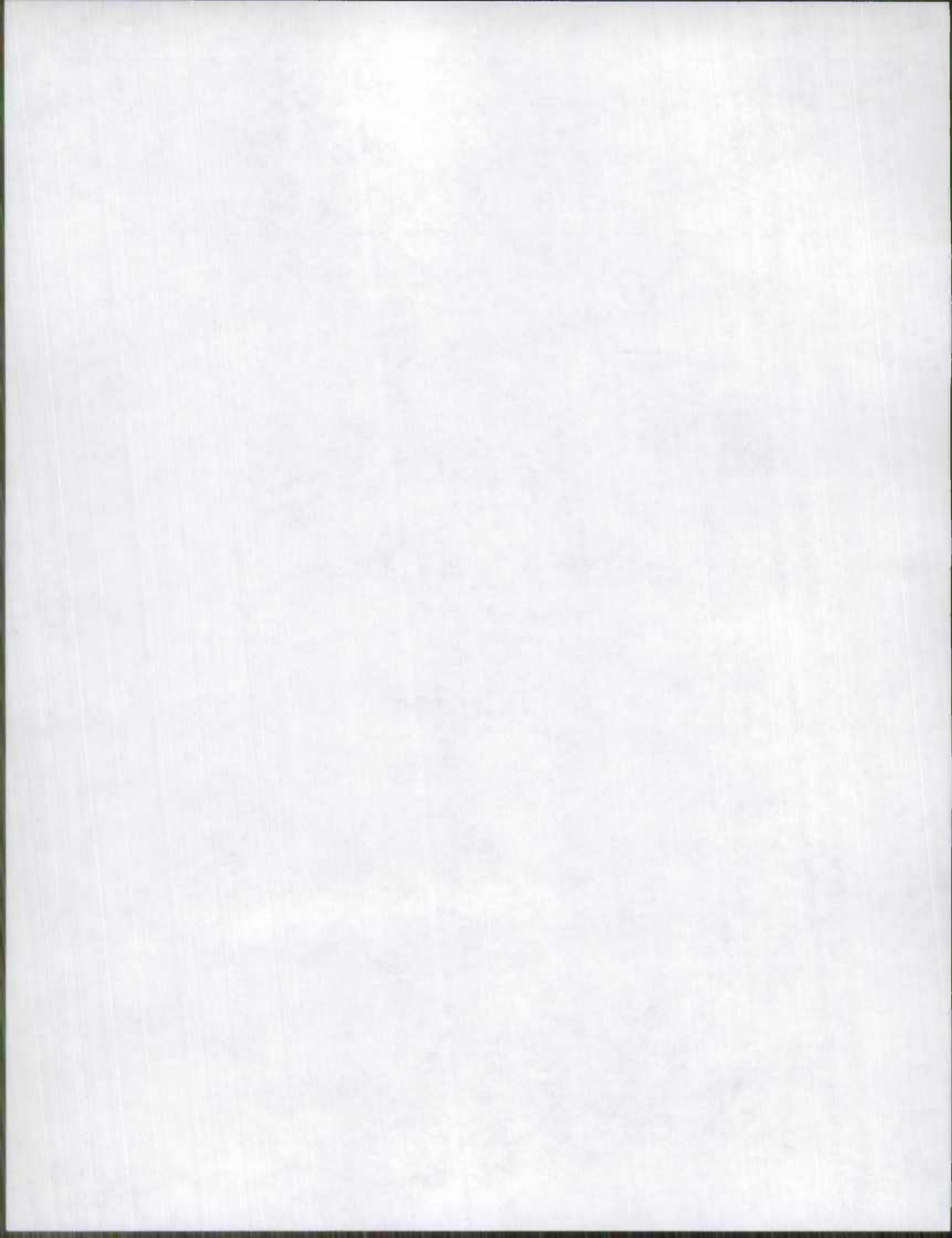
CO SAMPLE NUMBER

01	200350000000
02	005950000535
02	005950000546
02	005950000668
02	201760000231
02	201760000269
02	201760000289
02	206650400000
02	610700030002
02	632200030057
03	201500000799
03	203720000181
03	307730000301
03	307730000313
03	308100000203
06	201400000781
07	100400001646
07	100400001716
07	200070300943 - 953
07	202790000108
07	202790000110
08	204880000000
10	000700001729
10	100406000000
10	200260000083
10	200260000125
10	200260000203
10	201800001449
10	203510000438
10	203550001008
10	203550001018
10	303240000991
10	304750000005
12	000950000863
12	201320000040
16	200040000052
16	200040000144
16	204500000470
16	204500000485
16	204500000491
22	613301330120
24	630409990157



NEW SAMPLES FOR 1992

CO	SAMPLE NUMBER
01	200350000000
02	005950000535
02	005950000546
02	005950000668
02	201760000231
02	201760000269
02	201760000289
02	206650400000
02	610700030002
02	632200030057
03	201500000799
03	203720000181
03	307730000301
03	307730000313
03	308100000203
06	201400000781
07	100400001646
07	100400001716
07	200070300943
07	202790000108
07	202790000110
08	204880000000
10	000700001729
10	100406000000
10	200260000083
10	200260000125
10	200260000203
10	201800001449
10	203510000438
10	203550001008
10	203550001018
10	303240000991
10	304750000005
12	000950000863
12	201320000040
16	200040000052
16	200040000144
16	204500000470
16	204500000485
16	204500000491
22	613301330120
24	630409990157



5

URBAN 00063

F/C

V/G

11

1 & 2

- none

3

- 1 - 100% OK

4 thru 13

- none

12

1

- 3 + OK

2 thru 13

- none

14

1

- none

2

- 1 need 2

✓ 07	202790000108
✓ 07	202790000110

3

- 3 OK

4

- 3 + OK

5

- 3 + OK

6

- 0 need 3 - only 2 AVAILABLE

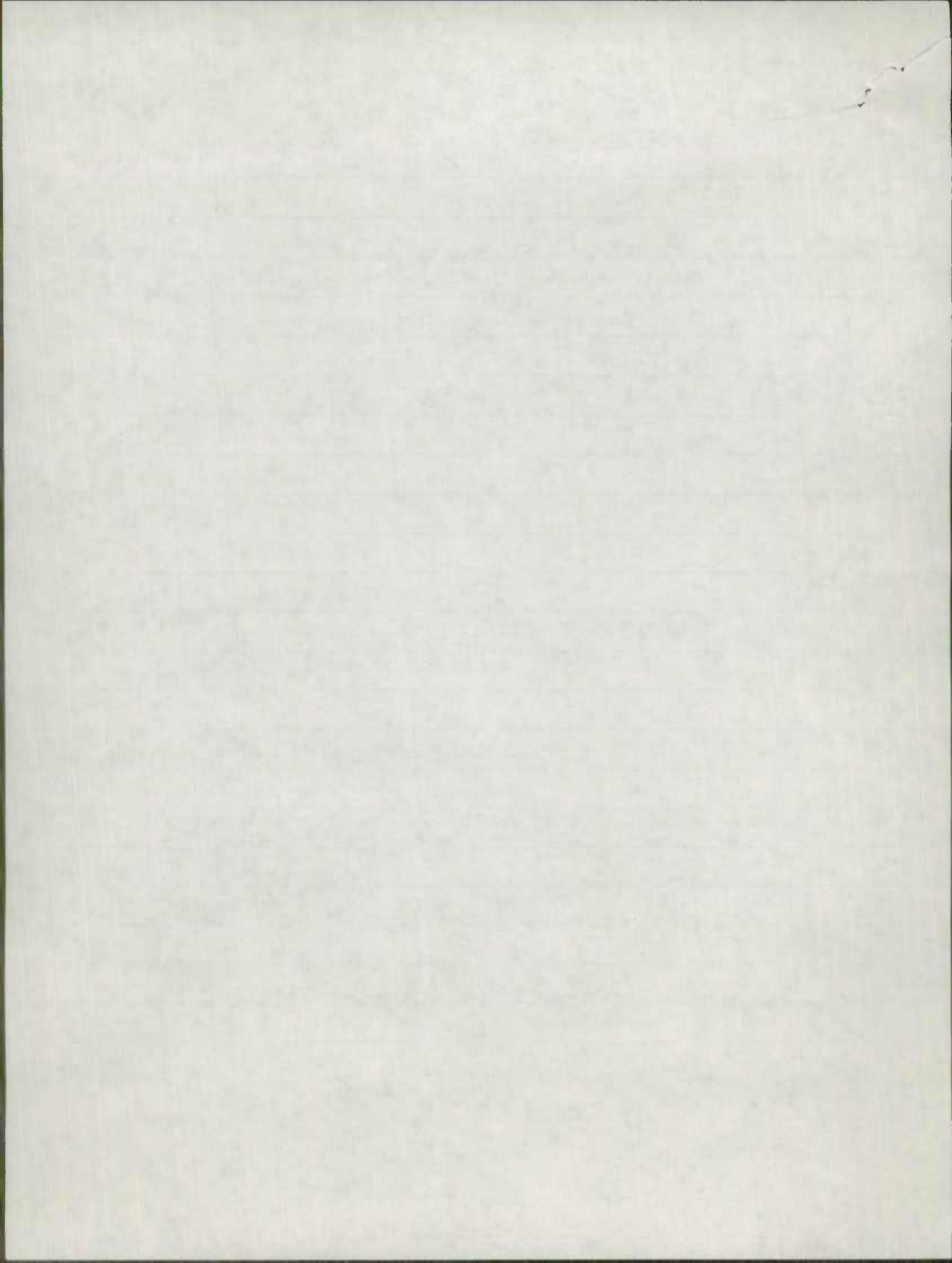
✓ 07	10400001646
✓ 07	10400001716

7

- 3 + OK

8 thru 13

- none



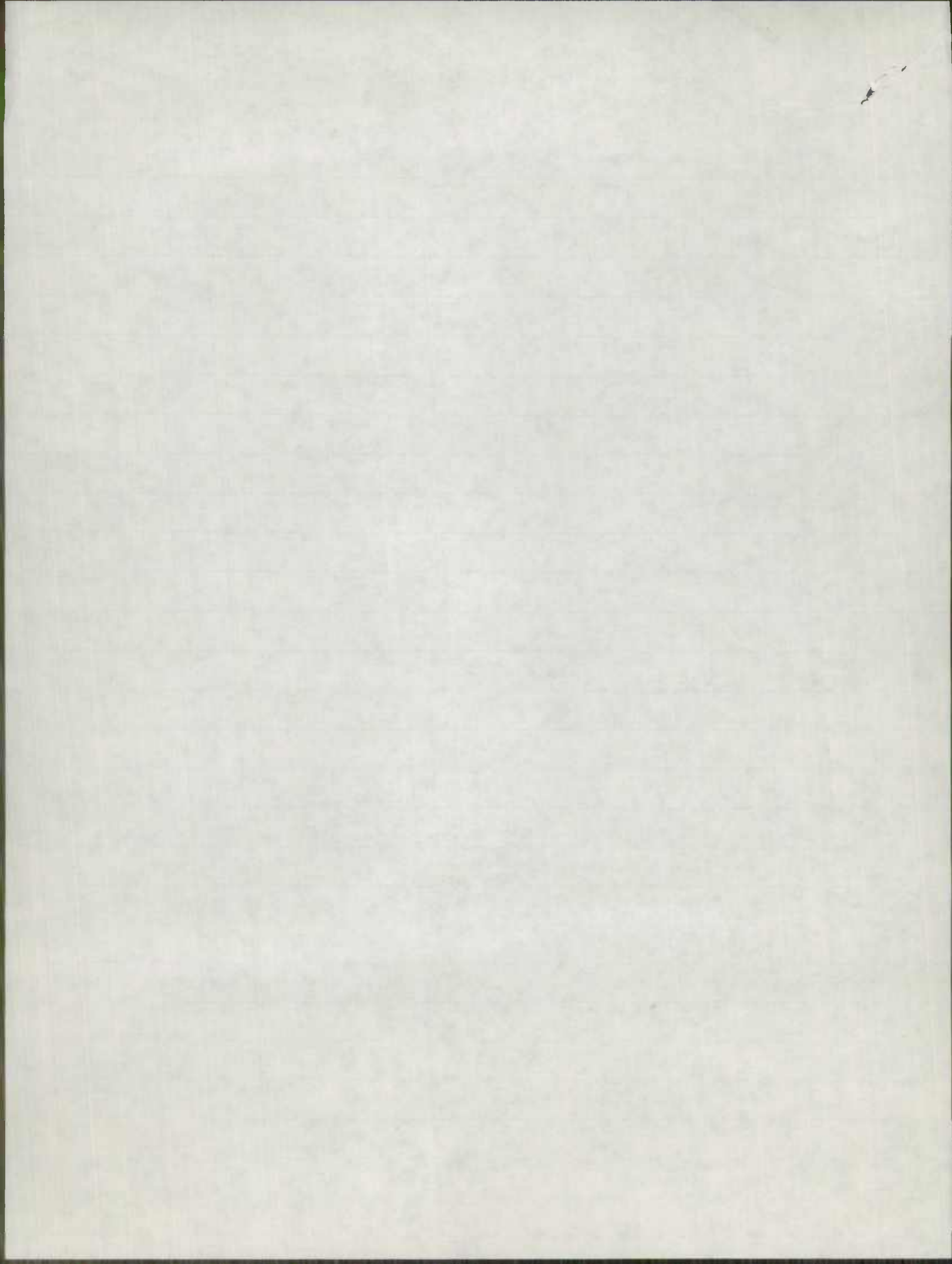
UNSAN 00063

<u>F/C</u>	<u>V/G</u>	
(16)	1	- 2 need 1
		✓ 07 20007 039 0953
	2	- 3 OK
	3	- 3 OK
	4	- 3 OK
	5 thru 13	- none

(17)	1	- 3+ OK
	2	- 3+ OK
	3	- 1 - 100% OK

UNSAN INTERSTAGE - TALL

<u>F/C</u>	<u>V/G</u>	
(11)	1+2	- none
	3	- 1 - 100% OK
	4 thru 13	- none



①

URBAN 00285

F/C

V/G

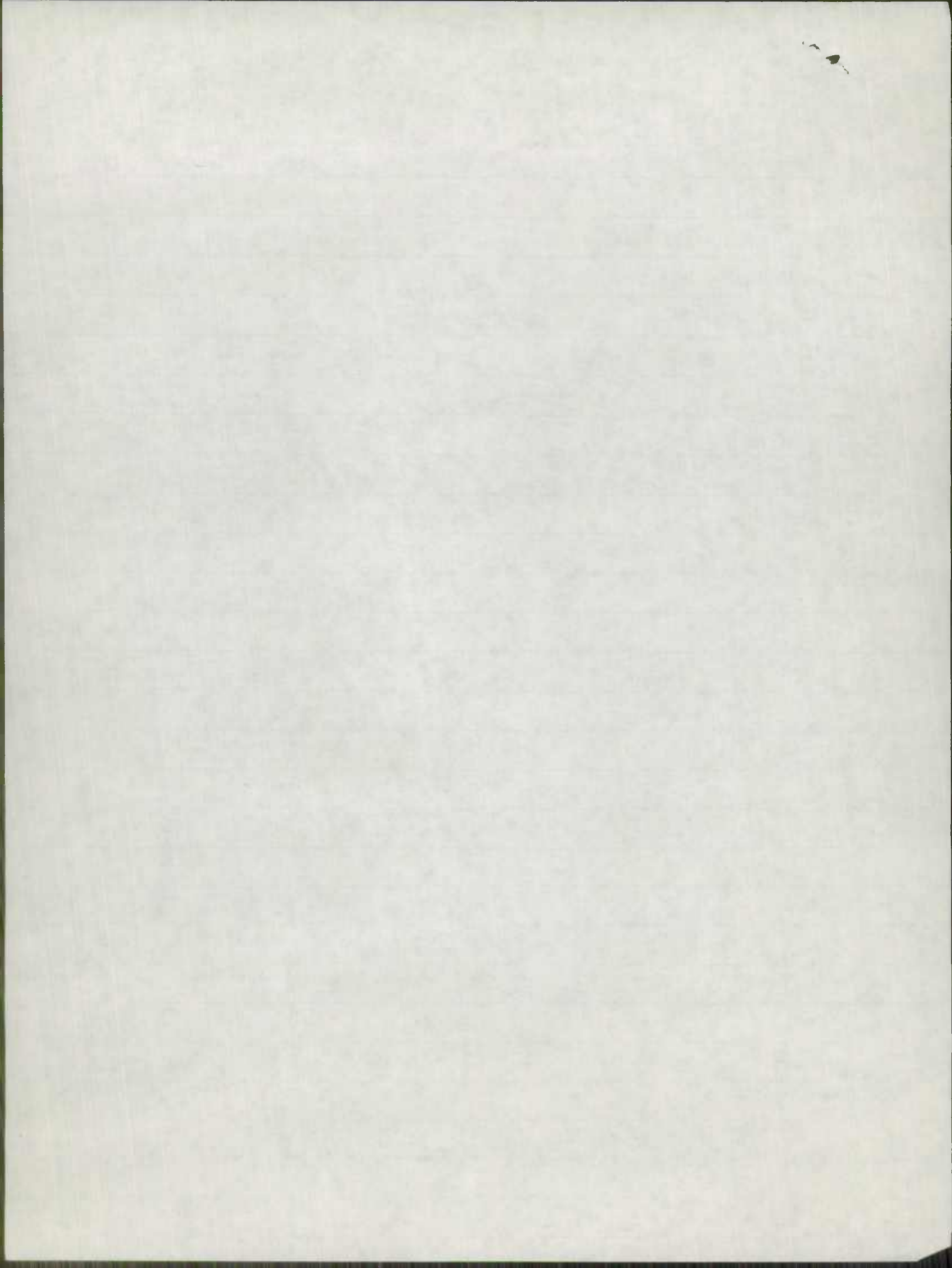
11	1-10	none
12	1-10	none
14	1	3+ ok
	2	2 - need 1
		001 20035000 0000
	3	3+ ok
	4	3 ok
	5	3+ ok
	6 thru 10	none

16

1	3+ ok
2	3+ ok
3	3+ ok
4	3+ ok
5	3+ ok
6 thru 10	none

17

1	3+ ok
2	3+ ok
3	3+ ok
4 thru 10	none

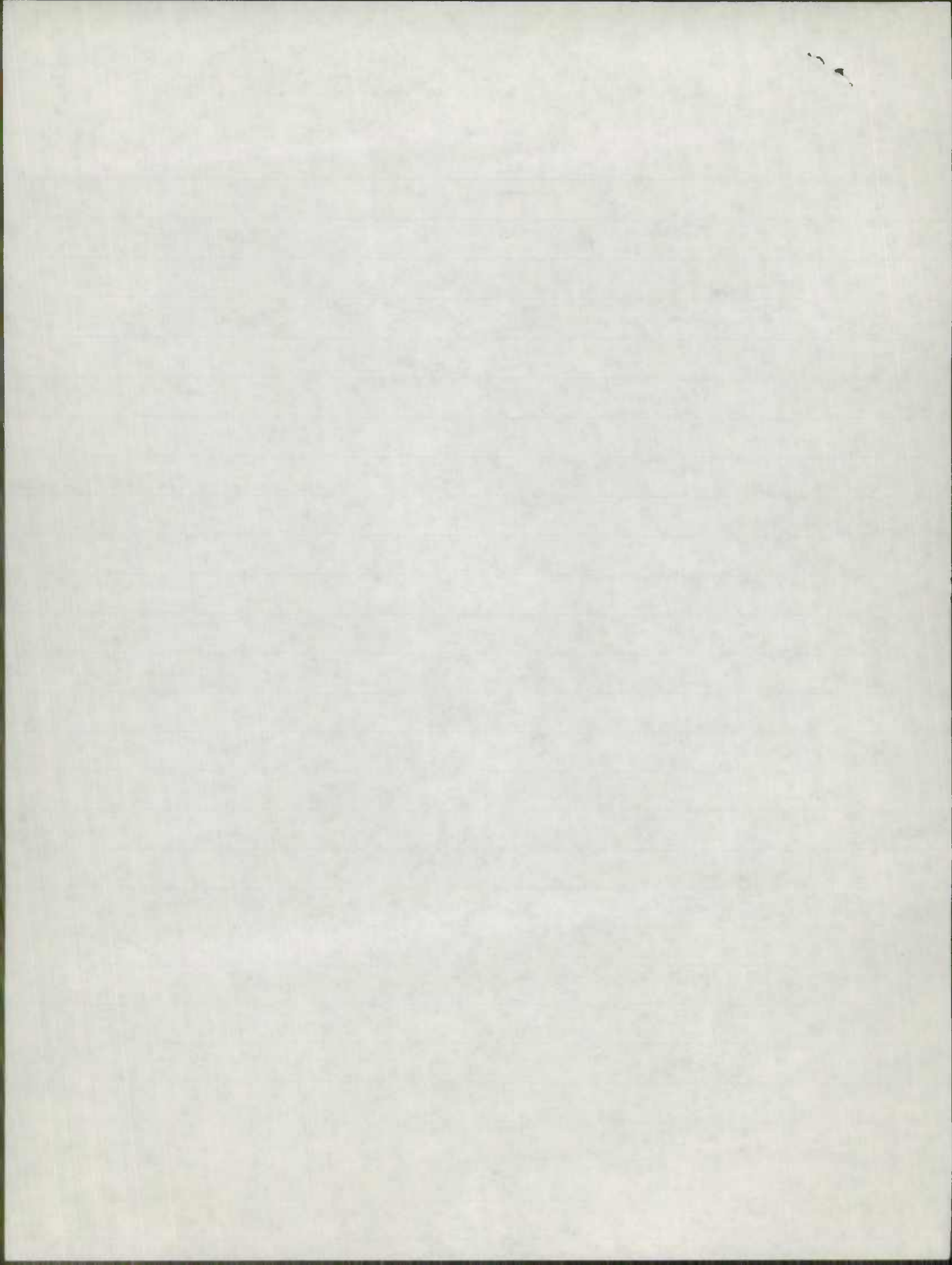


URBAN 00285 - 139. A

P/c
11

V/G
1
2
J+KWD

3 OK
3+OK
NONE



(11)

URBAN 00388 - Fresh

F/C
(11)

V/LG

1

- none ok

2

- 1 - only 1 other available 1070

✓

10 00070 000 1729

3

- 3 + ok

4

- 3 ok

(12)

1

- 3 ok

2

- 3 + ok

3

- 3 + ok

4 + thru 10

- none ok

(14)

1

✓

0 - 3 needed only 1 available
FA

10 10040 600 0000

2

- 3 ok

3

- 3 + ok

4

- 3 + ok

5

- 3 ok

6

- 3 + ok

7

- 0 - 3 needed

✓

10 20026 000 00 83

✓

10 20026 000 0125

✓

10 20026 000 0203

8

- none

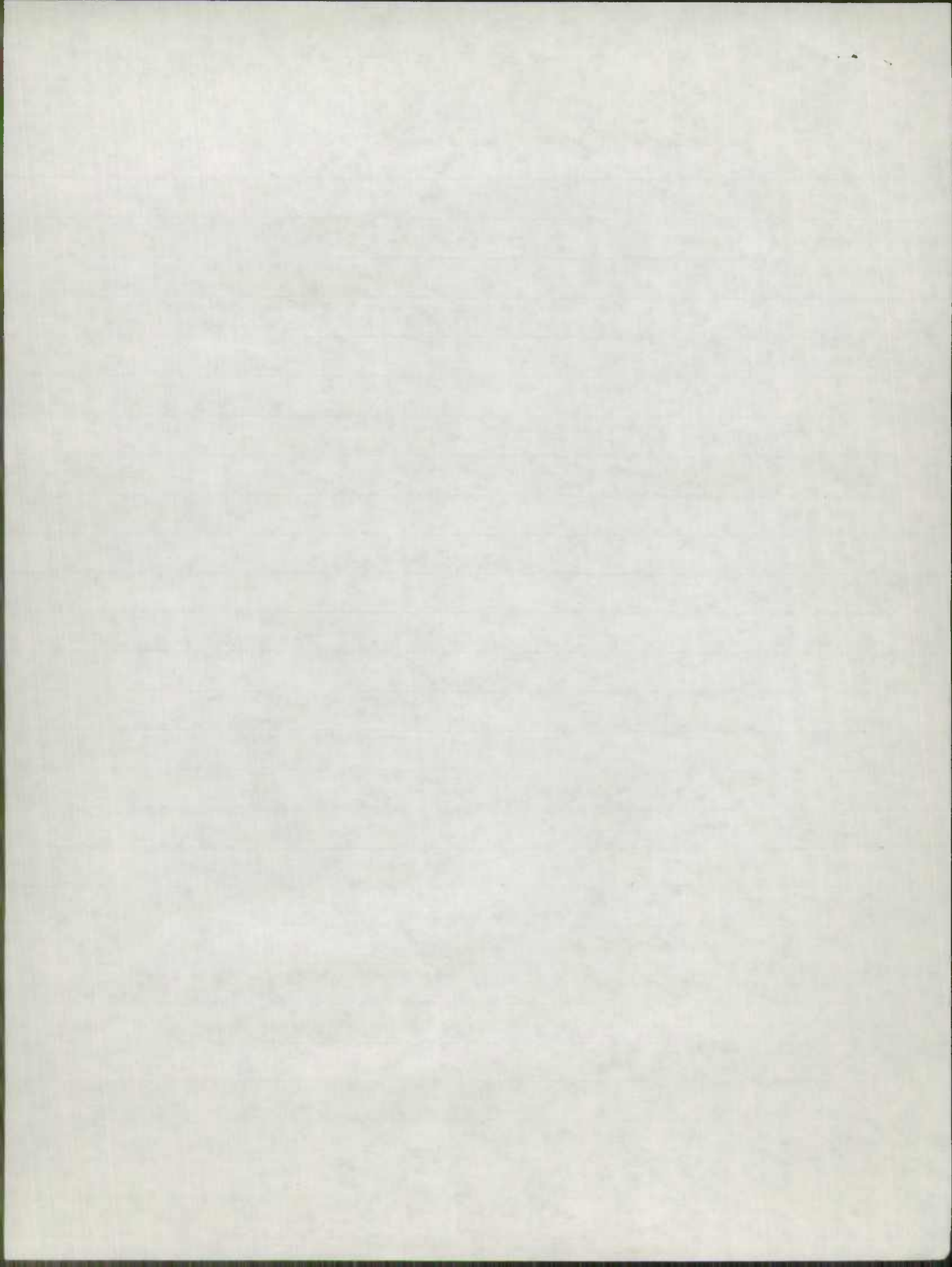
9

- 3 ok

10 thru 13

-

none



URBAN 00388 - final

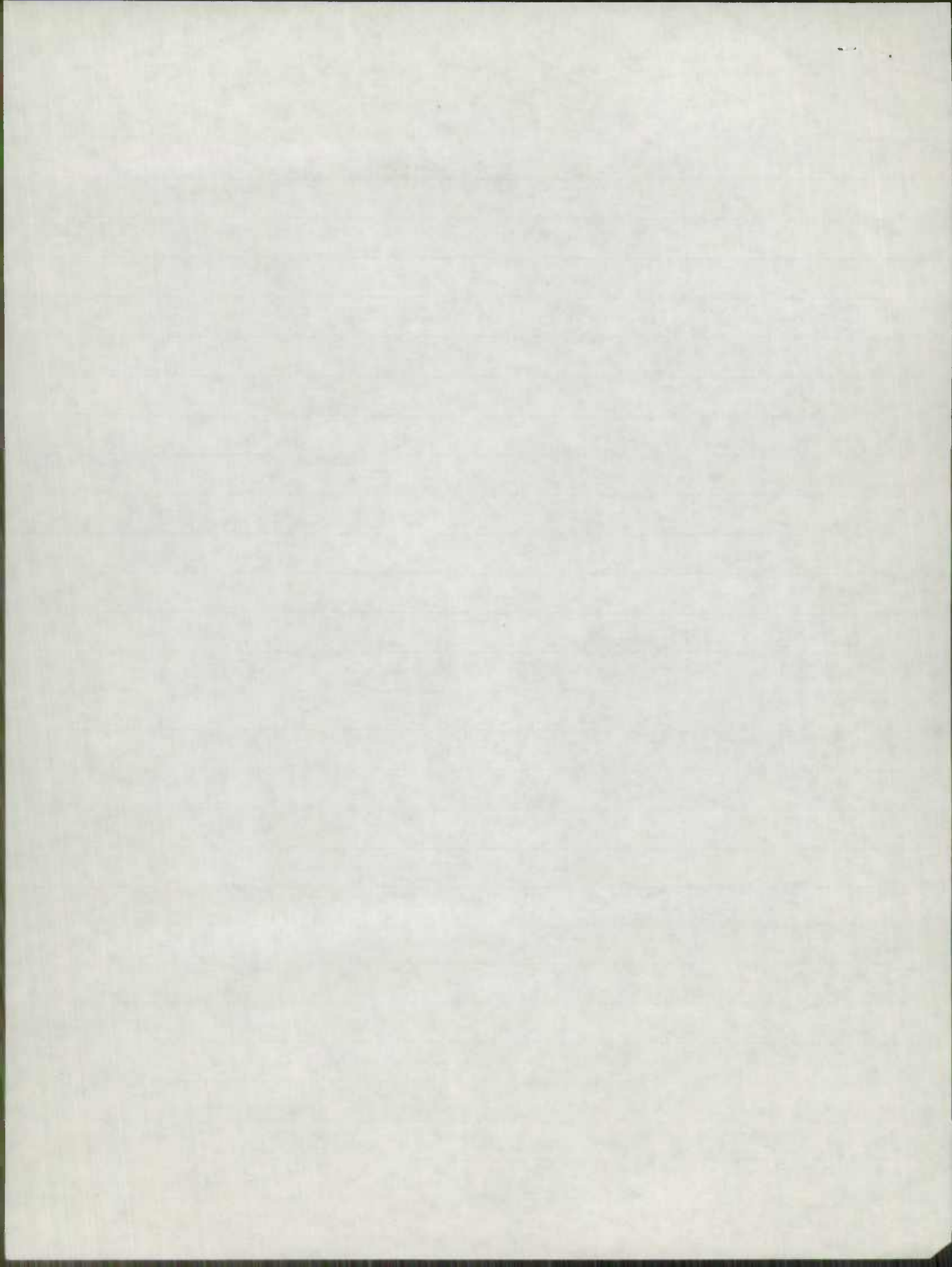
F/C
16

V/G

- | | |
|------------|---------------------|
| 1 | - 2 need 1 |
| | ✓ 10 303240000991 |
| 2 | - 3 + OK |
| 3 | - 3 + OK |
| 4 | - 3 + OK |
| 5 | - 1 - need 2 |
| | ✓ 10 20355 000 1008 |
| | ✓ 10 20355 000 1018 |
| 6 | - 3 OK |
| 7 + hrs 10 | - name OK |

17

- | | |
|---|--------------------|
| 1 | - 3 + OK |
| 2 | - 2 need 1 |
| | ✓ 10 3047500000005 |
| 3 | - 3 + OK |
| 4 | - 3 + OK |
| 5 | - 1 need 2 |
| | ✓ 10 20180000 1449 |
| | ✓ 10 20351000 0438 |



URBAN 00331

FIC
11

VIG
1
2

- none oik
- 0, need 3

✓ 02 005950000535
✓ 02 005950000546
✓ 02 005950000668

3
4
5

- 3 oik
- 3 oik
- 1 - 100% oik

6 thru 13

- none oik

12

1
2,3,4
5

- 3 oik
- none oik
- 2 - 100%

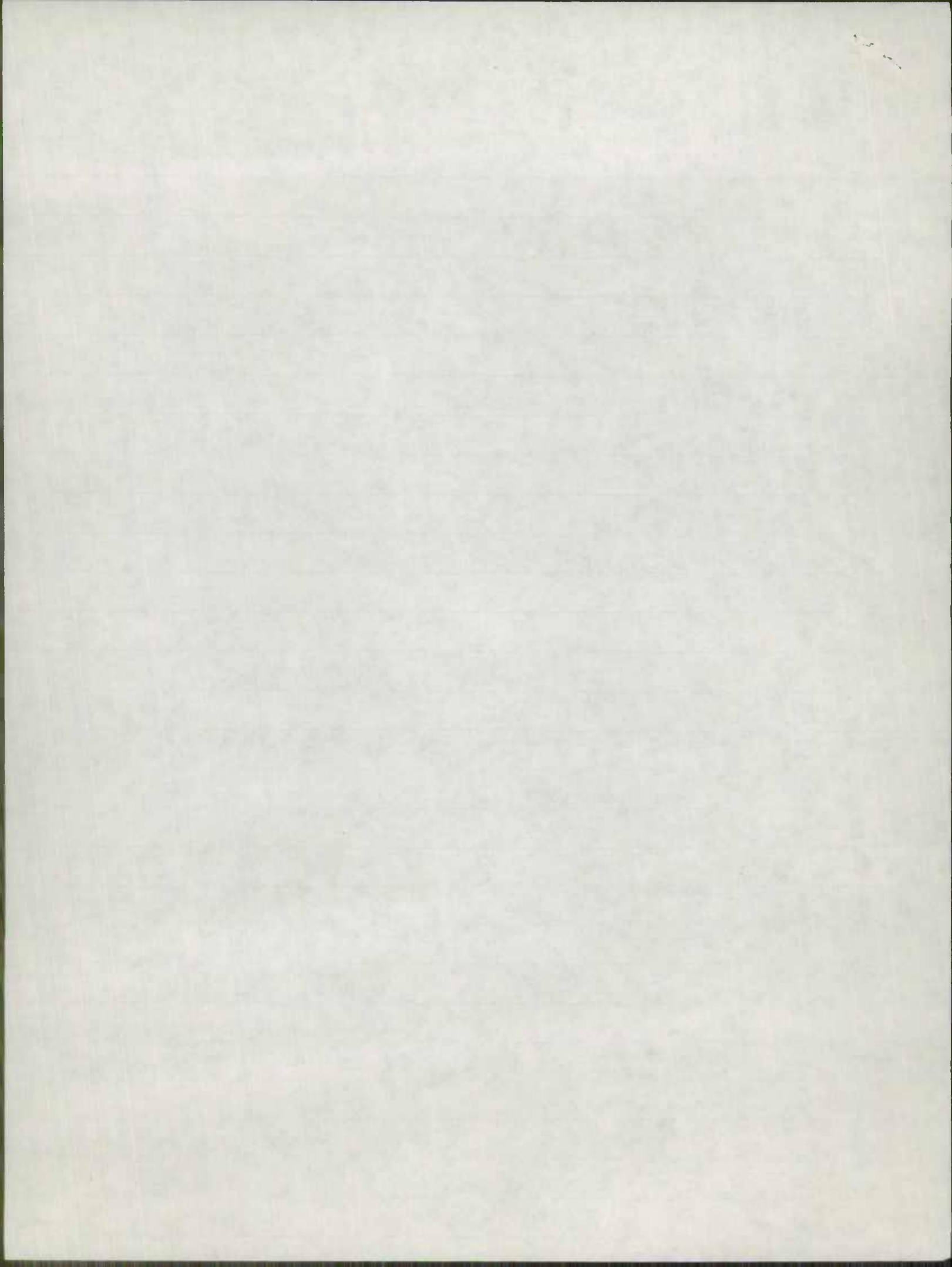
6 thru 13

- none

14

1
2
3
4
5
6
7
8

- 2 - 100% oik
- 3 oik
- none
- 3 + oik
- 3 + oik
- none oik
- 3 oik
- 3 + oik



URBAN 00331

F/C

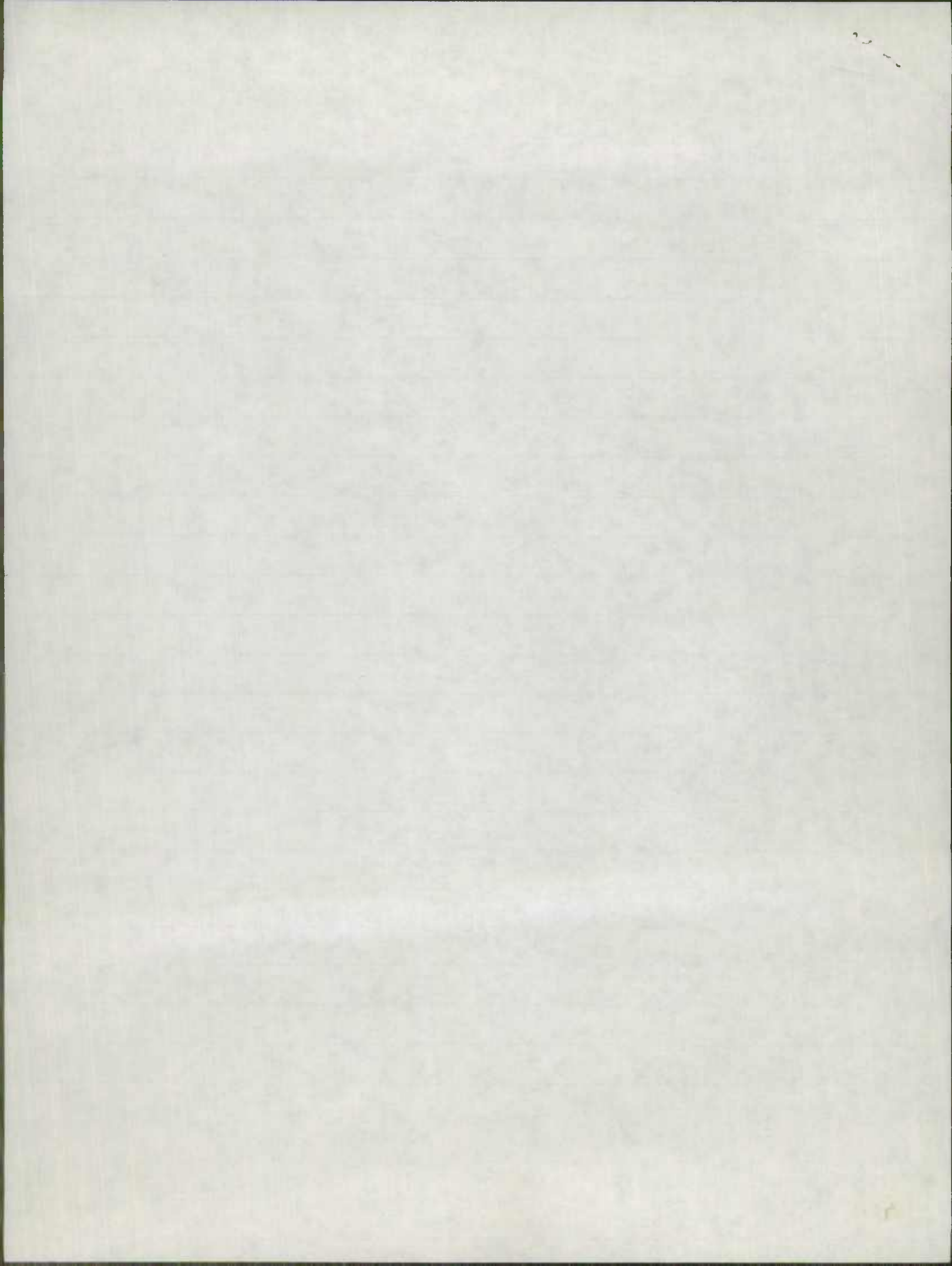
V/LG

16

- 1 - 1 - 2 needed
 ✓ 003 206650400000
 ✓ 003 610700030002
- 2 - 2 - 100% OK
- 3 - 3 + OK
- 4 - 3 + OK
- 5 - 3 + OK
- 6 - 3 + OK
- 7 - 3 + OK
- 8 - 3 + OK
- 9 thru 13 - none

17

- 1 - 3 + OK
- 2 - 3 OK
- 3 - 3 + OK
- 4 - 2 - need 1
 ✓ 003 632200030057
- 5 - 3 + OK
- 6 - 3 + OK
- 7 - 3 OK
- 8 - 2 100% OK
- 9 thru 13 - none OK



3

OK
on
TURDE

621

AB

URBAN 00008

FK

11

VIG

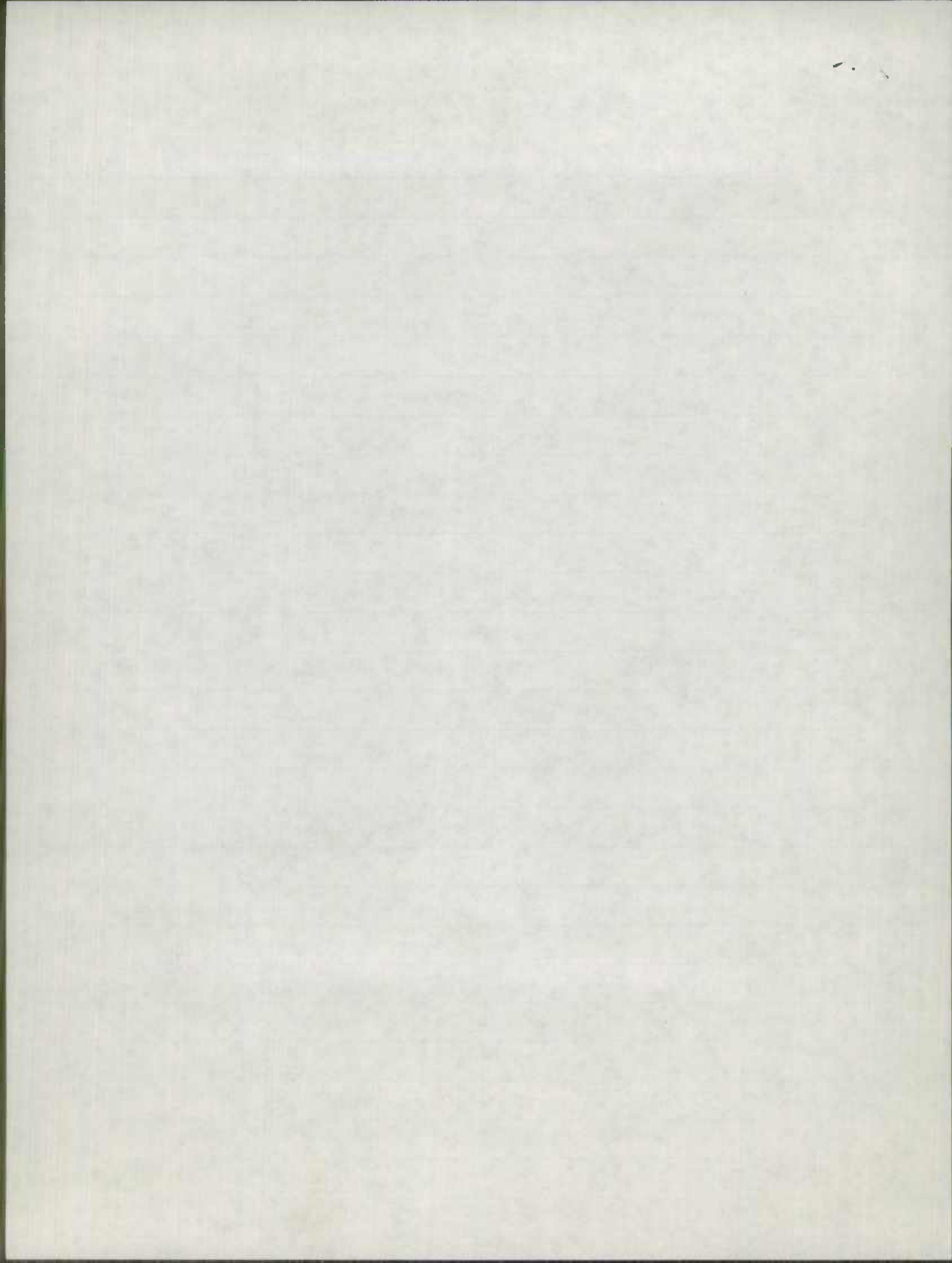
- 1 - none
- 2 - 1 100 70 OK
- 3 - 3+ OK
- 4 - 3+ OK
- 5 - 3 OK
- 6 - 3+ OK
- 7 - 3+ OK
- 8 - 3+ OK
- 9 thru 13 - none

12

- 1 - 3+ OK
- 2 - 3+ OK
- 3 - 3+ OK
- 4 - 3+ OK
- 5 - none
- 6 - 3 OK
- 7 thru 13 - none

14

- 1 - 3+ OK
- 2 - none
- 3 - 3+ OK
- 4 - 3+ OK
- 5 - 3+ OK
- 6 - 3+ OK
- 7 - 3+ OK
- 8 - 3+ OK



VINDAN 00008

F/C

V/G

14 continued

9	-	3 + OK
10	-	3 + OK
11	-	3 OK
12 + 13	-	none

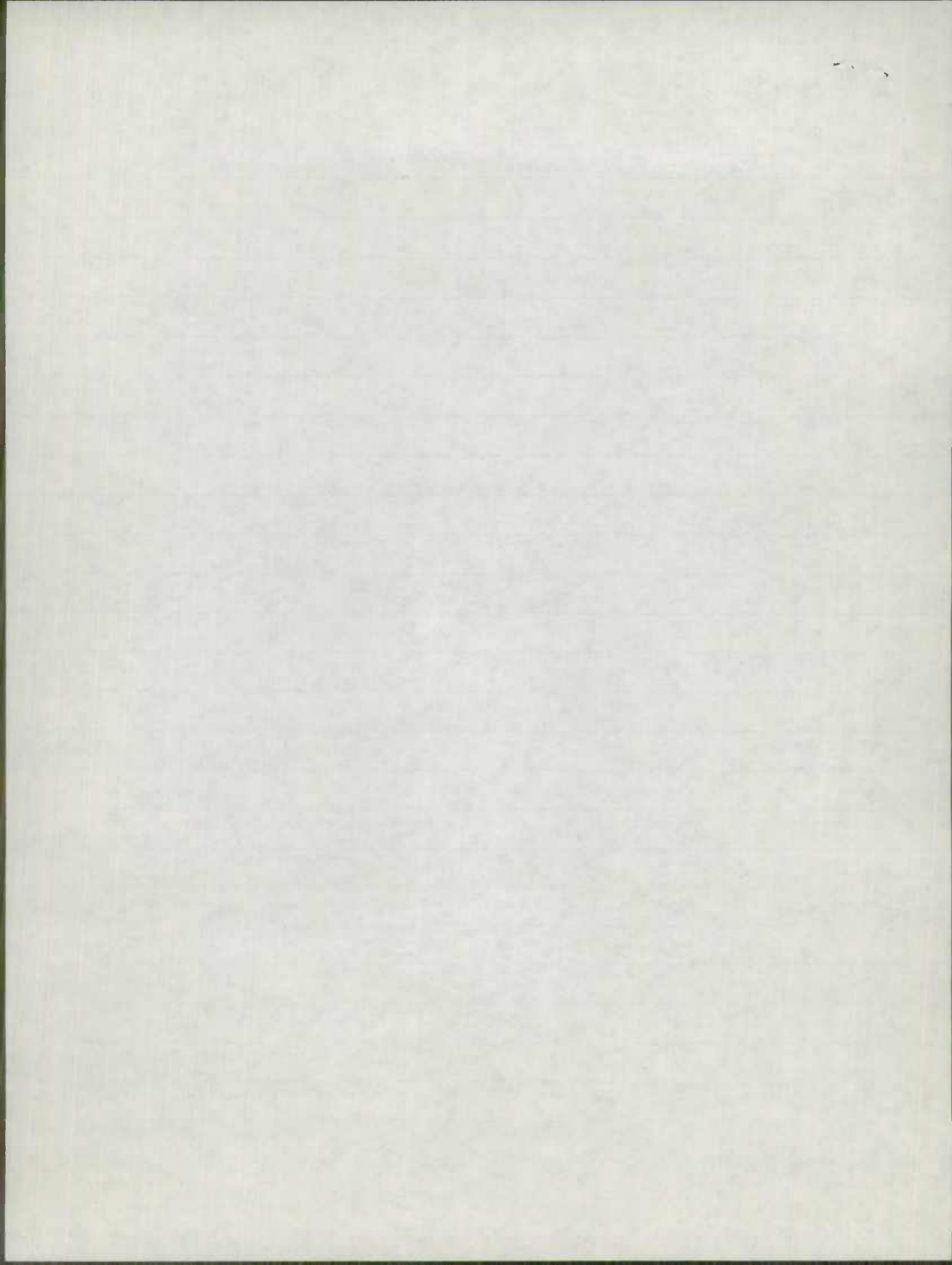
16

1	-	3 + OK
2	-	3 + OK
3	-	3 + OK
4	-	3 + OK
5	-	3 + OK
6	-	3 + OK
7	-	3 + OK
8	-	3 + OK
9	-	3 OK
10	-	none - need 3

16	20450 000	0470
16	20450 000	0485
16	20450 000	0491

11 thru 13

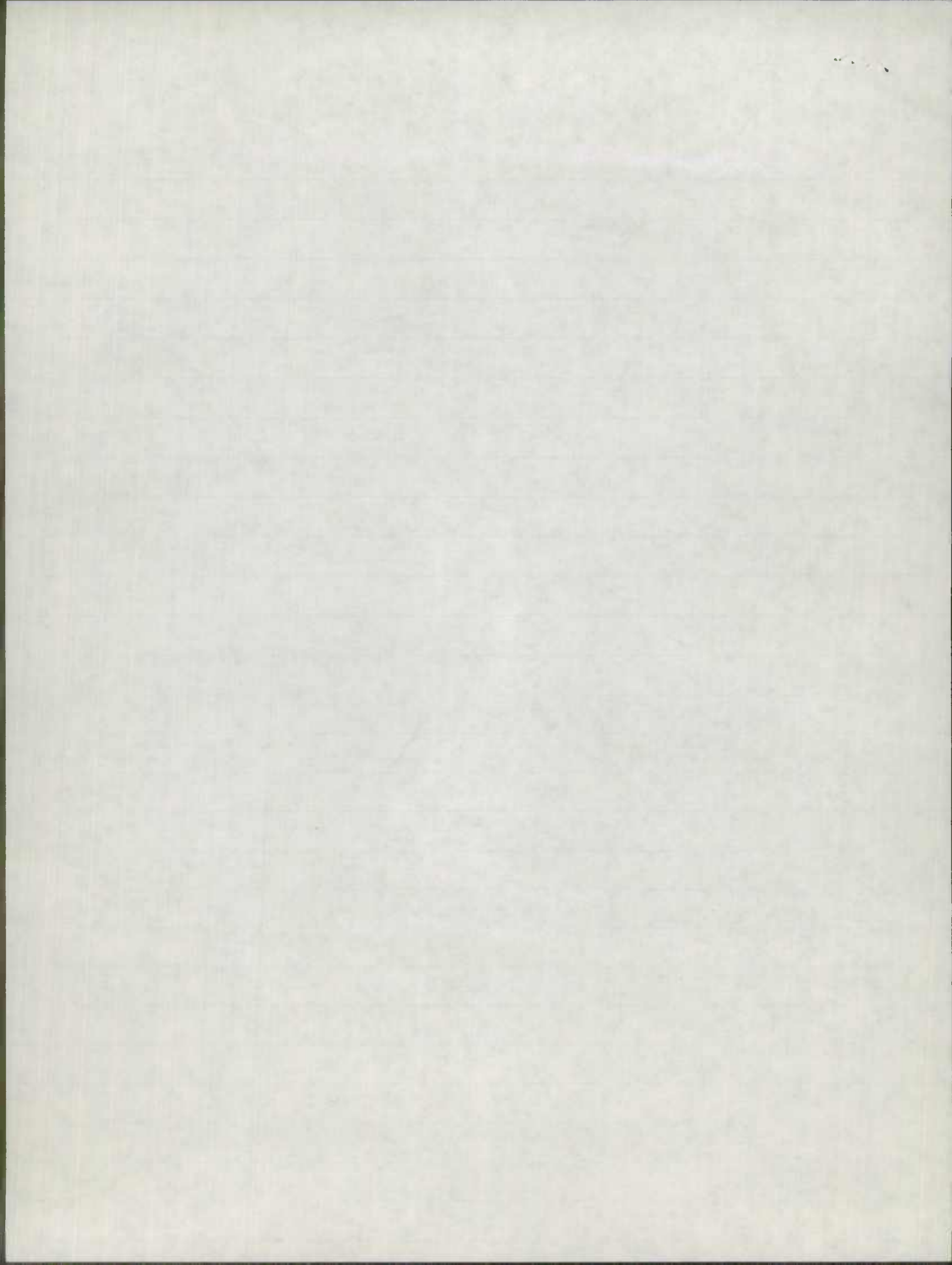
- none



URBAN 00008

F/c
17

<u>V/c</u>			
1	-	3 +	OK
2	-	3 +	OK
3	-	3 +	OK
4	-	3 +	OK
5	-	3 +	OK
6	-	3 +	OK
7	-	3	OK
8	-	3	OK
9 thru 10	-		None



URBAN 00012

F/C
11

V/G

1	3 + OK
2	3 + OK
3	3 + OK
4	3 + OK
5	3 + OK
6	3 + OK
7	3 + OK
8 thru 13	none OK

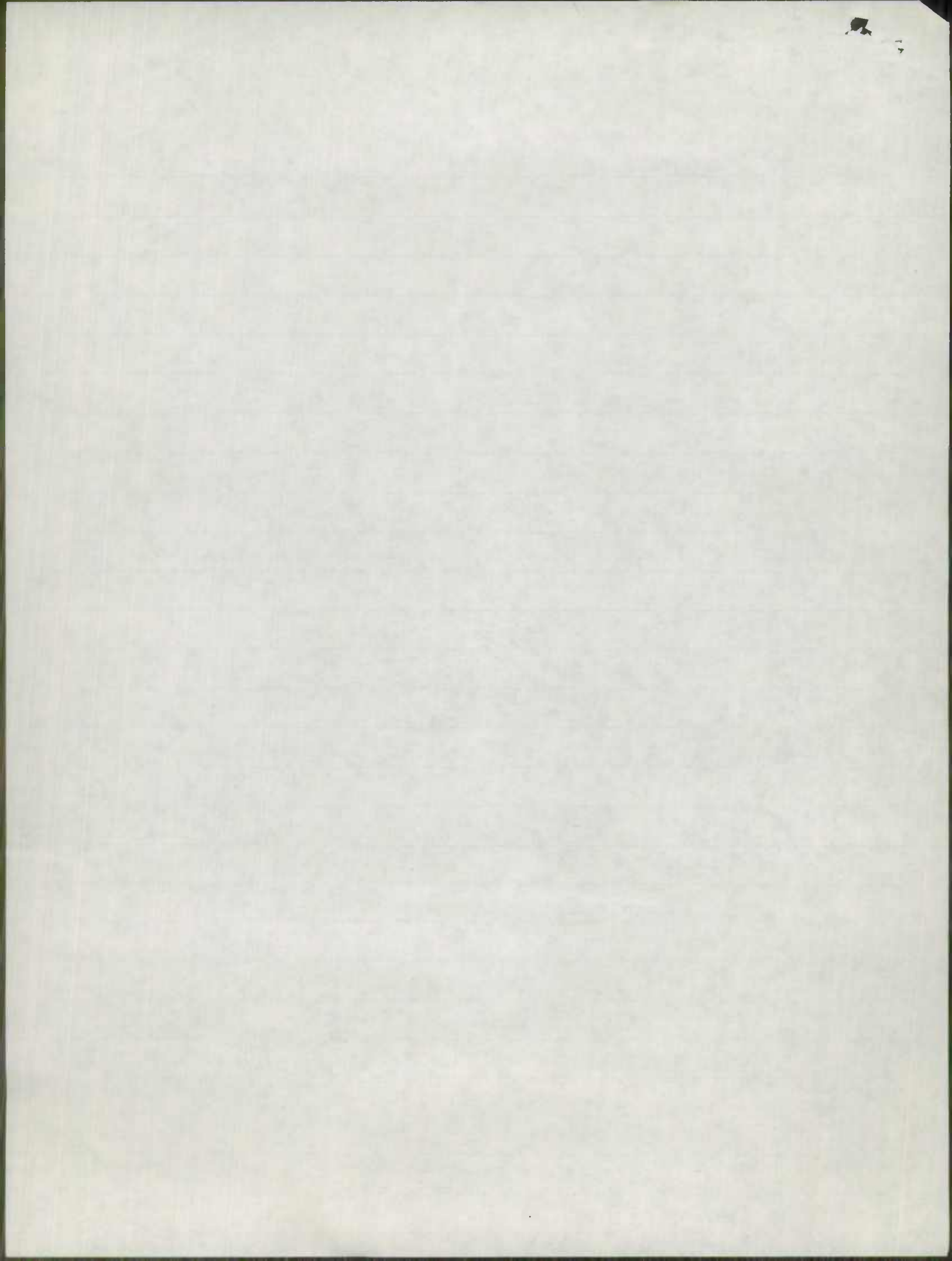
12

1	3 + OK
2	3 + OK
3	3 + OK
4	none OK
5	3 + OK
6 thru 13	none OK

14

1	3 + OK
2	2 - need 1
3	3 + OK
4	3 + OK
5	3 + OK
6	3 + OK
7	3 + OK
8	3 + OK
9	3 + OK
10, 11	3 + OK
12, 13	none OK

✓ 24 6 3040 999 0157 BOSTON ST



UNSAN 00012

ELC
16

V/G

1	3 + OK
2	3 + OK
3	3 + OK
4	3 + OK
5	3 + OK
6	3 + OK
7	2 - need 1

✓ 03 20372 000 0181

8
1 - need 2

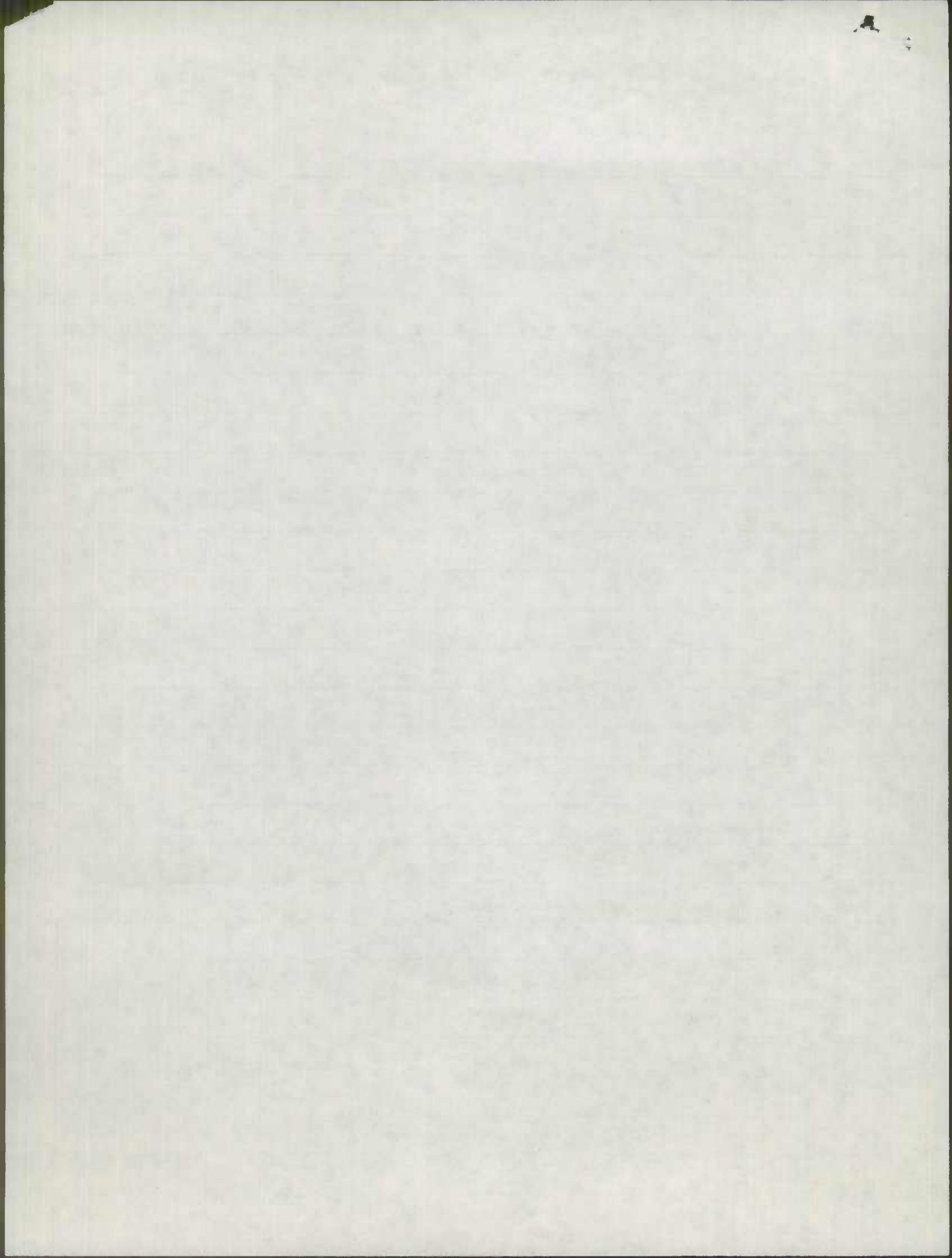
✓ 03 30810 000 0203
 ✓ 03 20150000 0799

9
1 - need 2

✓ 03 30773000 0301
 ✓ 03 30773000 0313

10thru 13

wine - OK



URBAN 00012

F/C
17

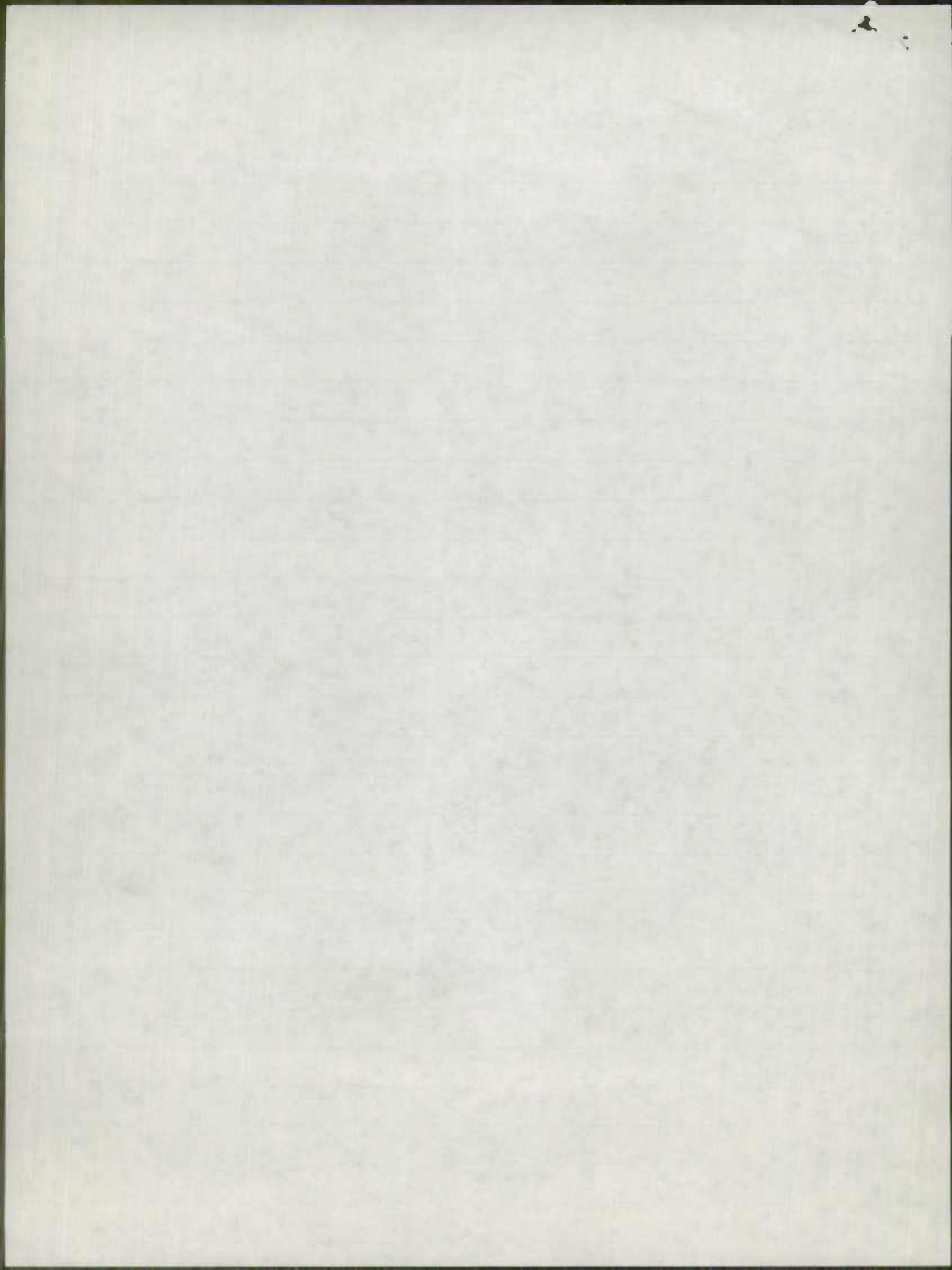
V/G
1
2
3
4
5
6
7
8

3+ OK
3+ OK
3+ OK
3+ OK
3+ OK
3+ OK
3+ OK
0 - need 3

✓ 02 201760000231
✓ 02 201760000269
02 201760000289

9th 13

none



URBAN 00012

INTERSTATE TOLL

FIC
11

VLG

1

3 OK

2

3 OK

3

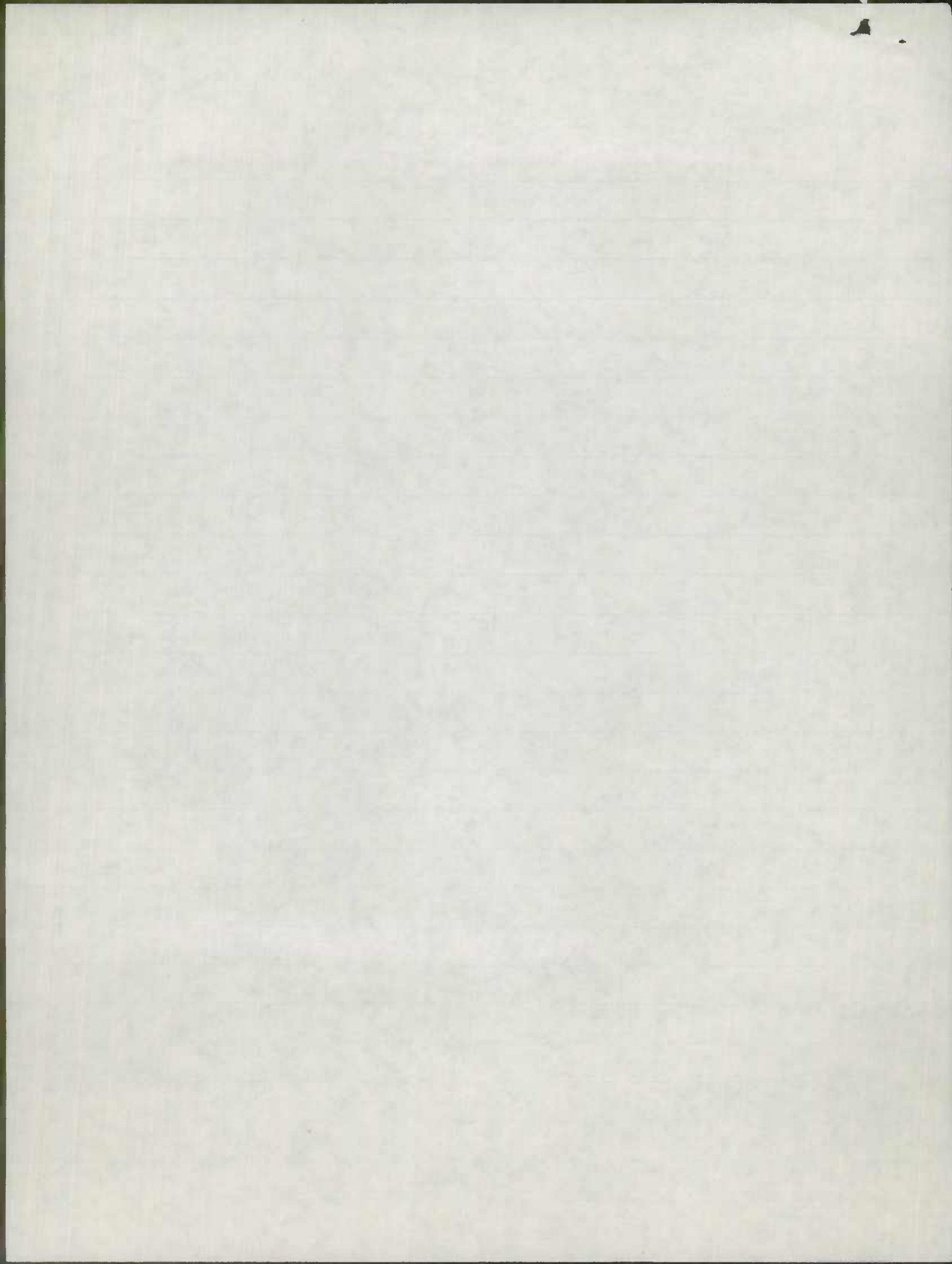
3 OK

4

3 OK

5 thru 12

none OK



①

annual
Dine
6-18
1CA

JW
TUST

ANAL

F/C

V/G

01

1

- none OK

2

- 2 - 100% OK

3

- 3+ OK

4

- 3+ OK

5

- 3+ OK

6

- 3+ OK

7

- 3+ OK

8

- 2 need ① for 100%

✓

12 000 95 000 863

1.02 length

9,10,11

- none OK

12

- 3+ OK

13

- none OK

02

1

- 3+ OK

2

- 3+ OK

3

- 3+ OK

4

- 3+ OK

5

- 3+ OK

6

- 3+ OK

7

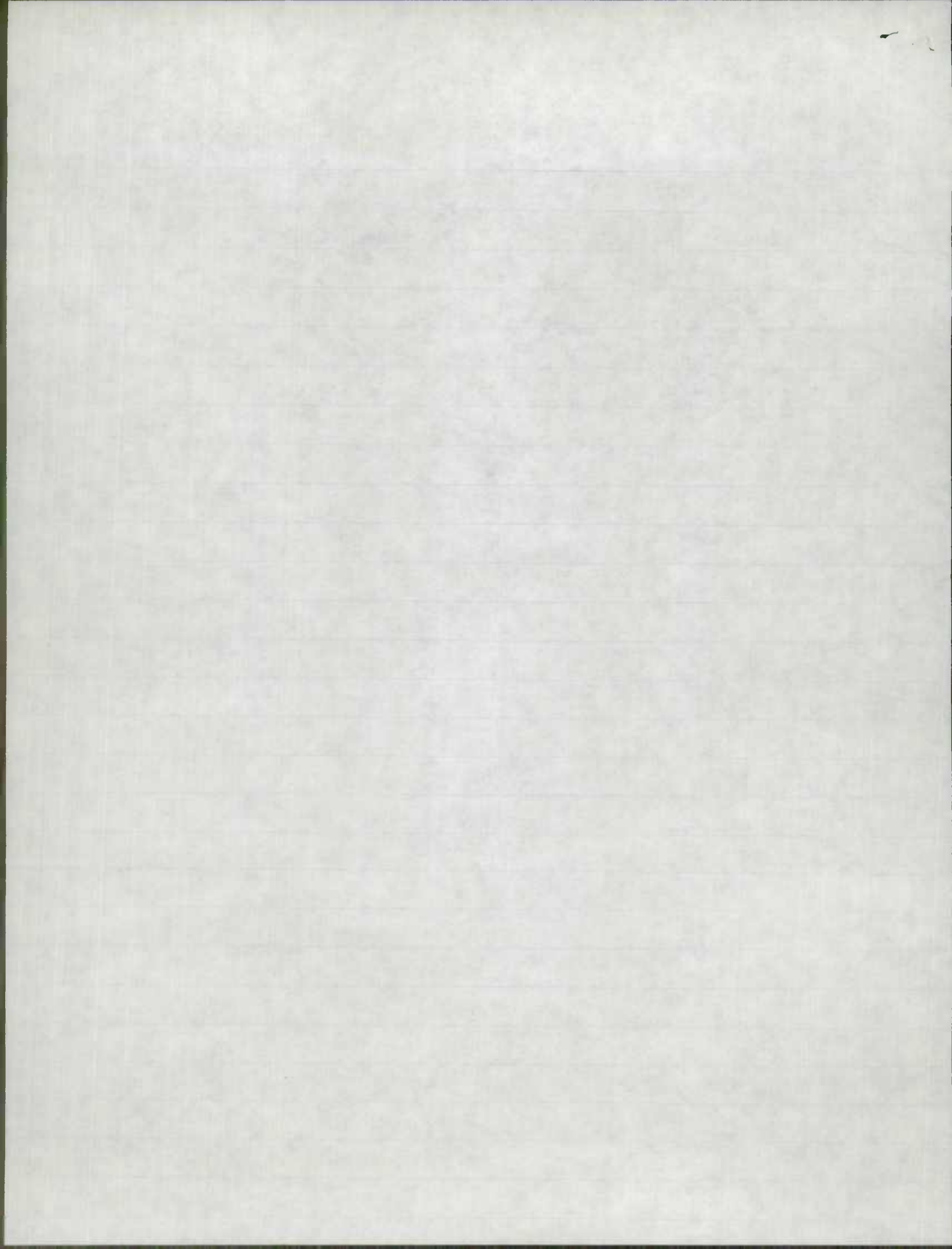
- 3+ OK

8

- 3 OK

9,10,11,12,13

- none OK



Normal

F/C

V/G

06

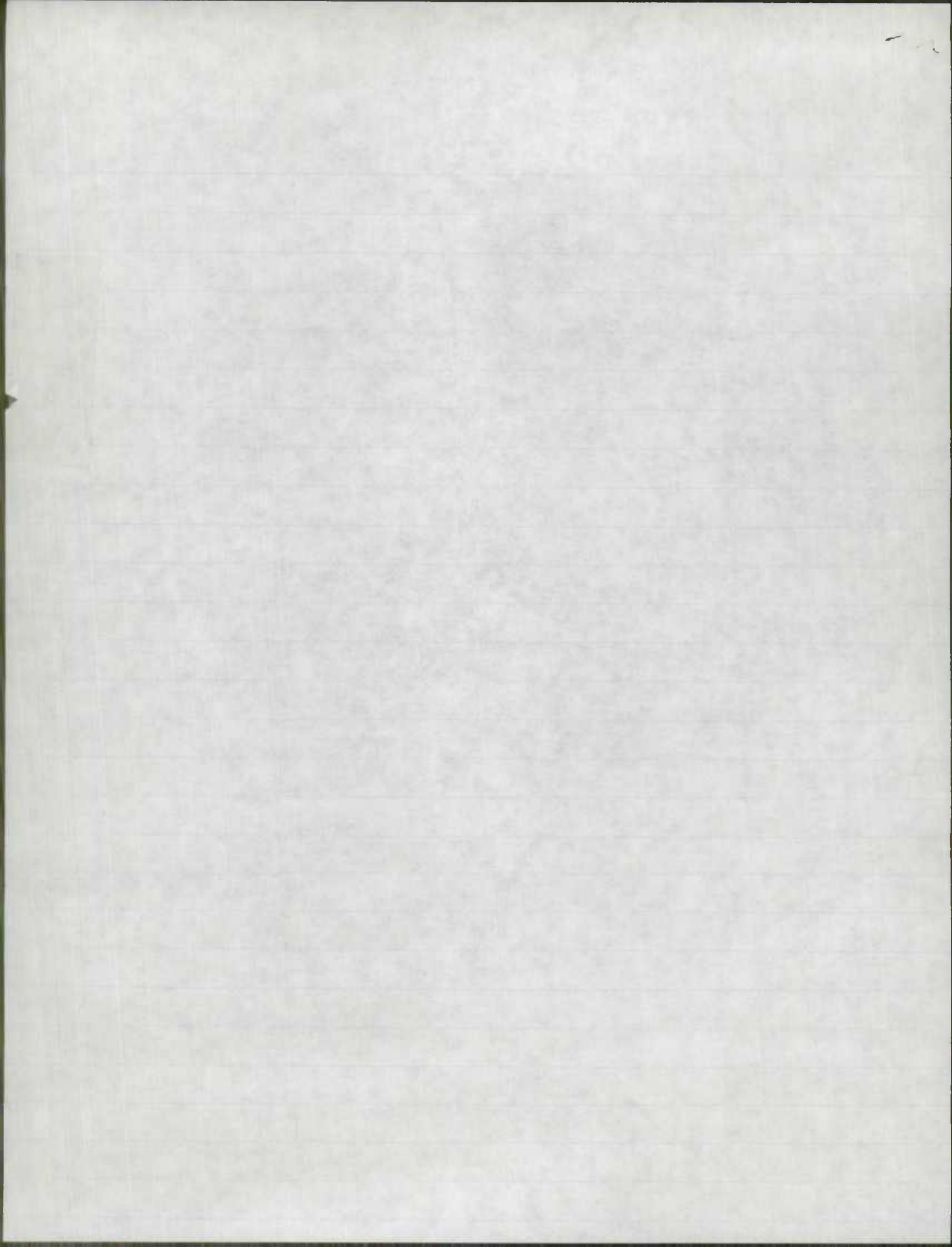
1	-	3+ OK
2	-	3+ OK
3	-	3+ OK
4	-	3+ OK
5	-	3+ OK
6,7,8,9,10,11,12,13	-	none OK

07

1	-	3+ OK
2	-	3+ OK
3	-	3+ OK
4	-	3+ OK
5	-	3+ OK
6 thru 13	-	none OK

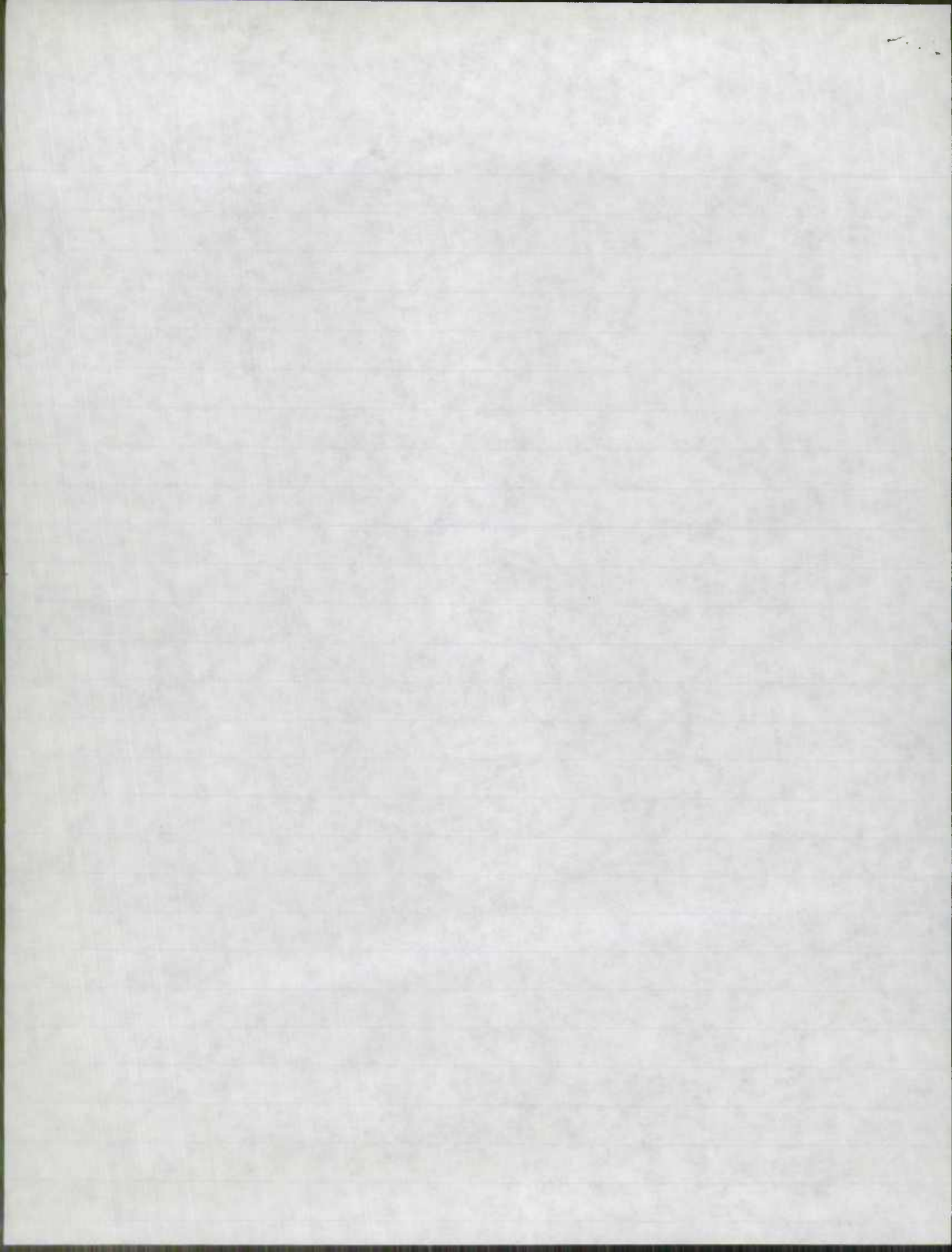
08

1	-	3+ OK
2	-	3+ OK
3	-	3+ OK
4	-	3+ OK
5	-	3+ OK
6	-	3+ OK
7 thru 13	-	none OK



139A

<u>FIC</u>	<u>NUM</u>	<u>INTERSTATE</u>	<u>SPECIAL SYSTEM</u>
01	1	-	3 01
	2	-	3 01
	3 thru 10	-	none 01



⑥

ON TVISE

OK
6-24
5/13

SMALL VARIAN

FC

VIG

11

1 thru 13

- none OK

12

1

- none OK

2

- 3+ OK

3

- 3 OK

4

- 1 need 2

✓ 16	20004 000 0052
✓ 16	20004 000 0144

5 thru 13

- none OK

14

1

- 2 need 1

✓ 09	20488 000 0000
------	----------------

2

- 3+ OK

3

- 3+ OK

4

- 3+ OK

5

- 3+ OK

6

- 3+ OK

7

- 3+ OK

8

- 2 need 1

✓ 06	20140000 0781
------	---------------

9

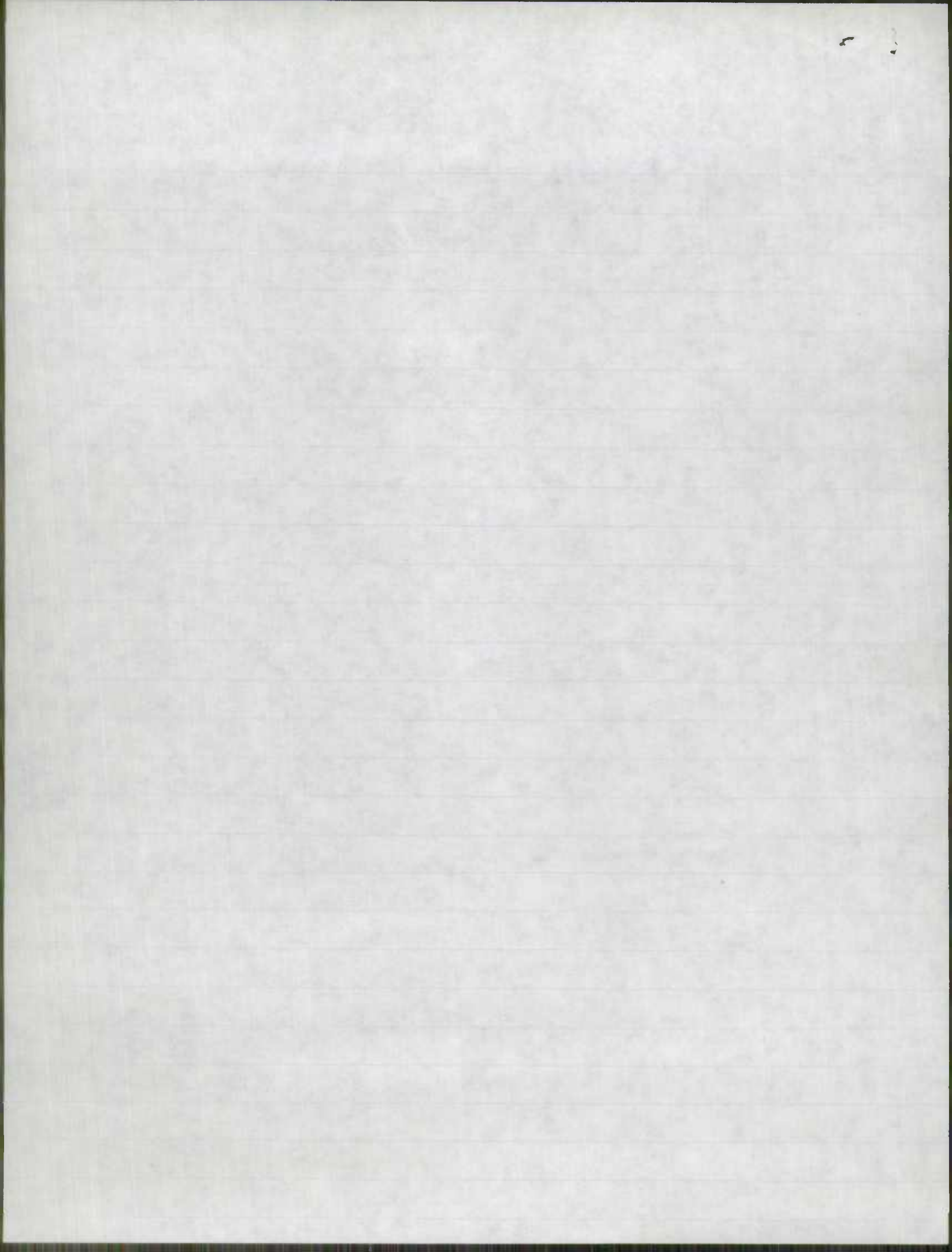
- 3 OK

10

- 3 100% OK

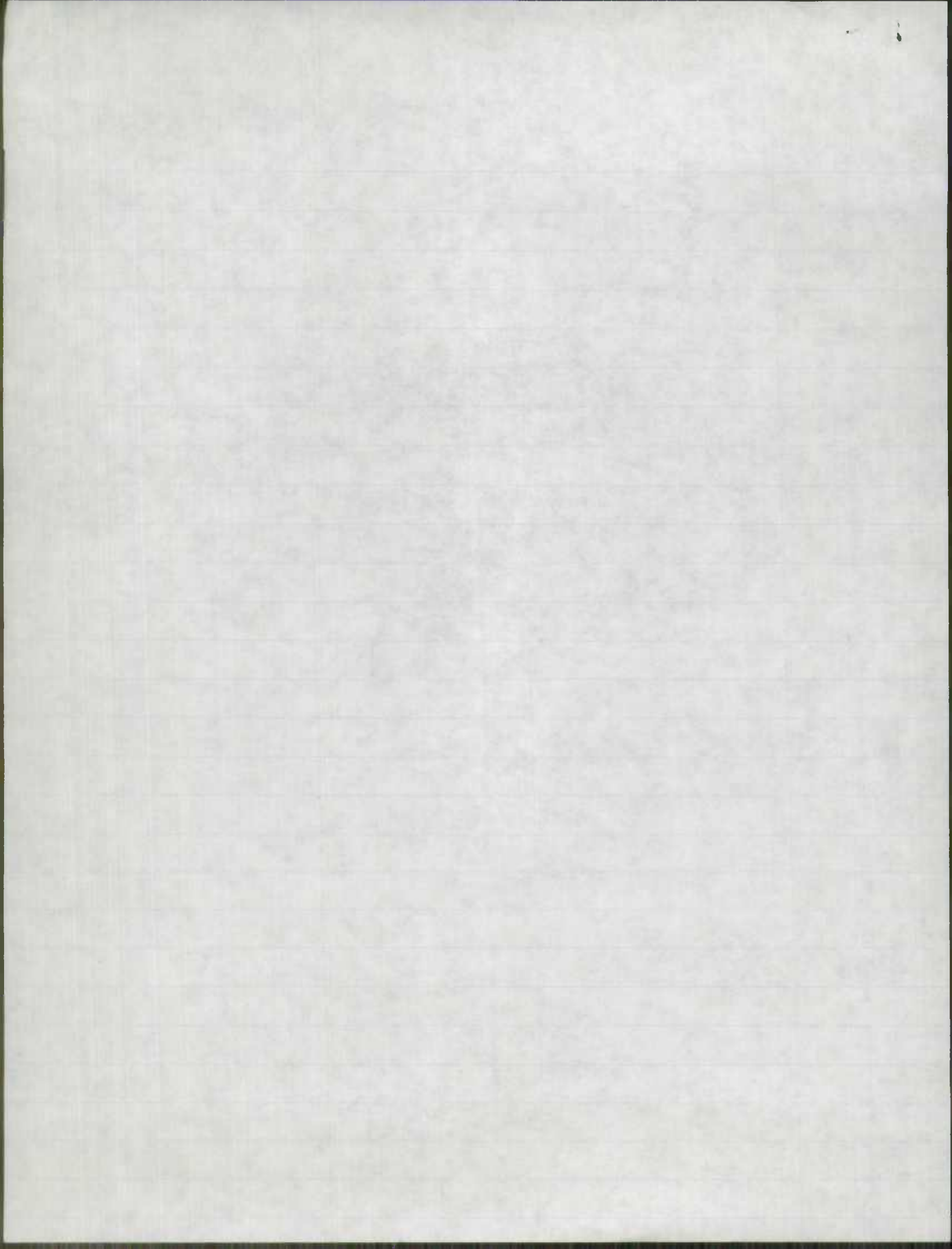
11

- 3 100% OK



SMALL URBAN

<u>F/C</u>	<u>V/G</u>		
16	1	-	3+ OK
	2	-	3+ OK
	3	-	3+ OK
	4	-	3+ OK
	5	-	2 need 1
		✓	12 201320000040
	6	-	1 - ONLY 1 AVAILABLE 100%
		✓	22 MU 1330 133 0120
	7	-	NONE OK
	8	-	3 OK
	9 thru 13	-	NONE OK



SMALL URSAN

<u>F/C</u>	<u>V/G</u>			
17	1	-	3 +	OK
	2	-	3 +	OK
	3	-	3 +	OK
	4	-	3	OK
	5	-	3 +	OK
	6 thru 13	-	none	OK

0

NONE
~~11~~
6-21

URBAN 00284

FIC
11

VIC	
1	- NONE
2	- 3 + OK
3	- 1 - 100% OK
4th row is	- NONE

12

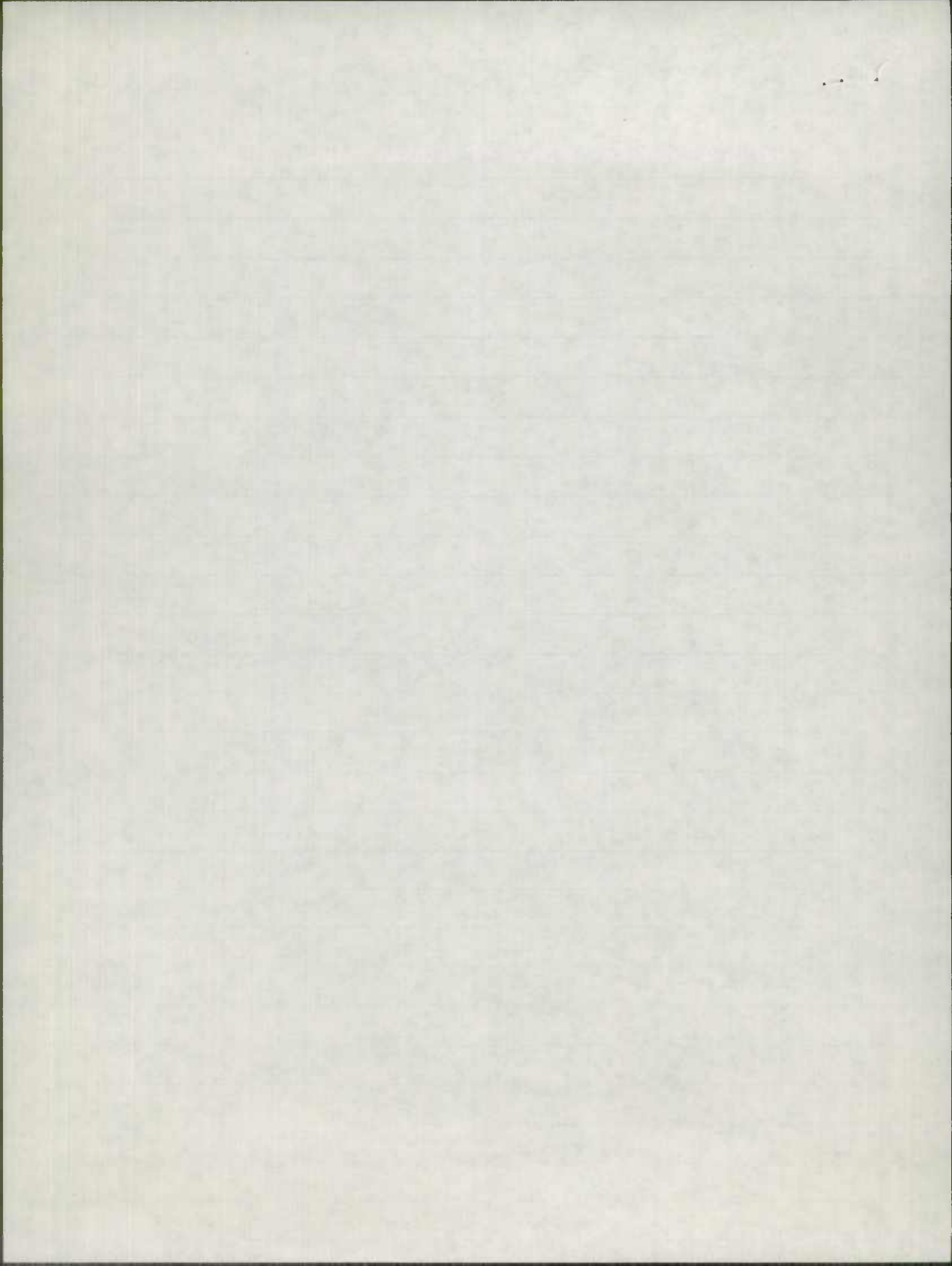
1 + row is	- NONE
------------	--------

14

1	- 3 OK
2	- 3 OK
3	- 3 OK
4	- 3 + OK
5	- 3 OK
6	- 3 + OK
7	- 3 OK
8 + row is	- NONE

16

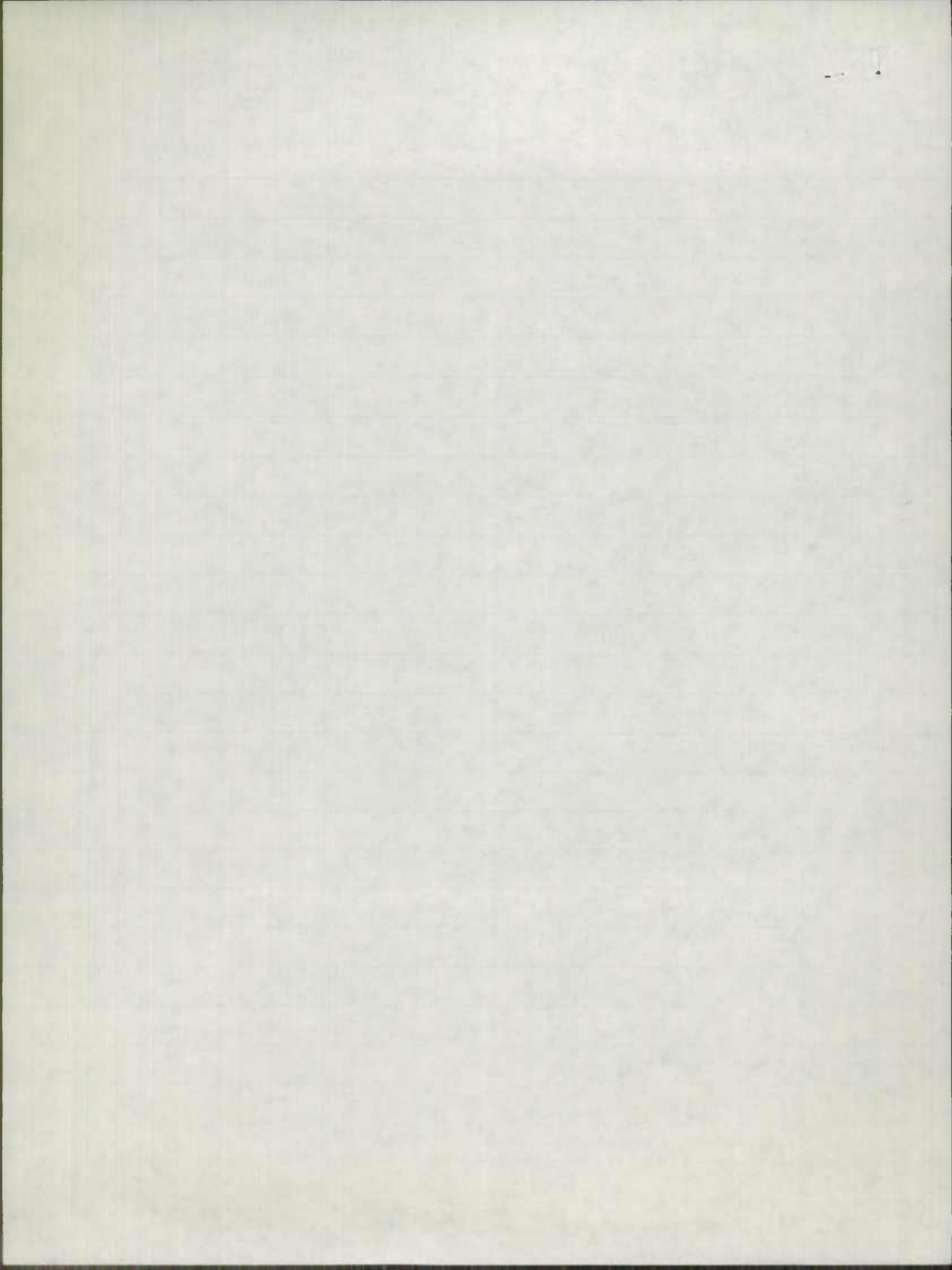
1	- 3 + OK
2	- 3 + OK
3	- 3 + OK
4	- 3 + OK
5	- 3 OK
6 + row is	- NONE



UNSW 00284

F/C
17

V/G		
1	-	3 + OK
2	-	3 + OK
3	-	3 + OK
4	-	3 OK
5	-	3 OK
6 thru 15	-	NONE



1997 EMP

12/1994

UNSERIALIZED AREA

00008

Interstate (11)

- 01 - none OK
- 02 - 1 - need 2 more
- 03 - 3 + OK
- 04 - 3 OK
- 05 - 3 + OK
- 06 - 3 OK
- 07 - 3 + OK
- 08 - 3 + OK
- 09 - 3 OK
- 10-13 - none OK

← 033 000952400030
033 000952400041

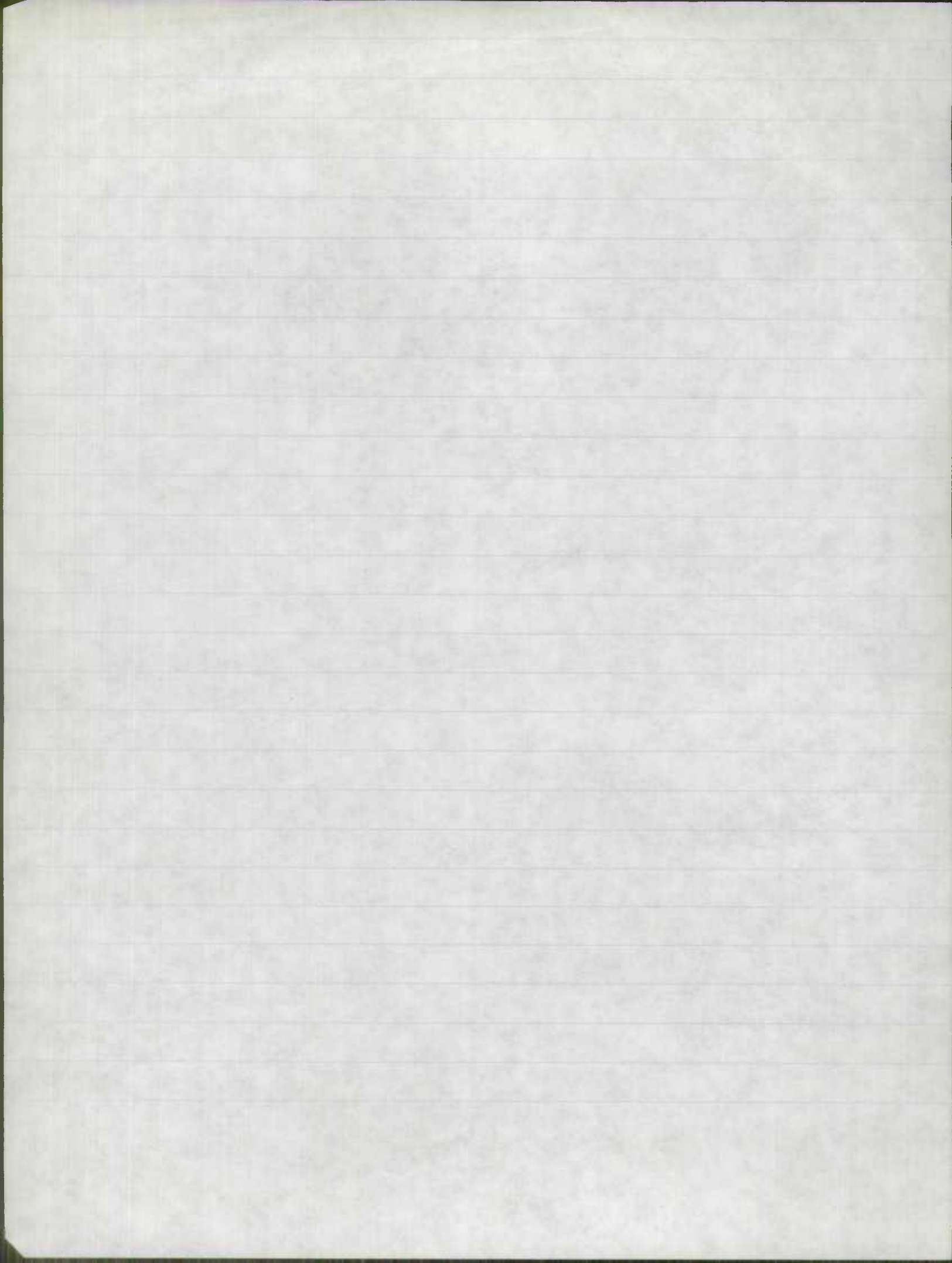
Other Freeways + Expressways (12)

- 01 - 3 + OK
- 02 - 3 + OK
- 03 - 3 + OK
- 04 - 3 + OK
- 05 - none OK
- 06 - 3 OK
- 07-13 - none OK

Other Principal Arterial (14)

- 01 - none OK
- 02 - 1 - need 2 more
- 03 - 3 + OK
- 04 - 3 + OK
- 05 - 3 + OK

← 031 242260000405
031 242260000642



Other PIN ANTENNA (14) count

06 3 + OK

07 3 + OK

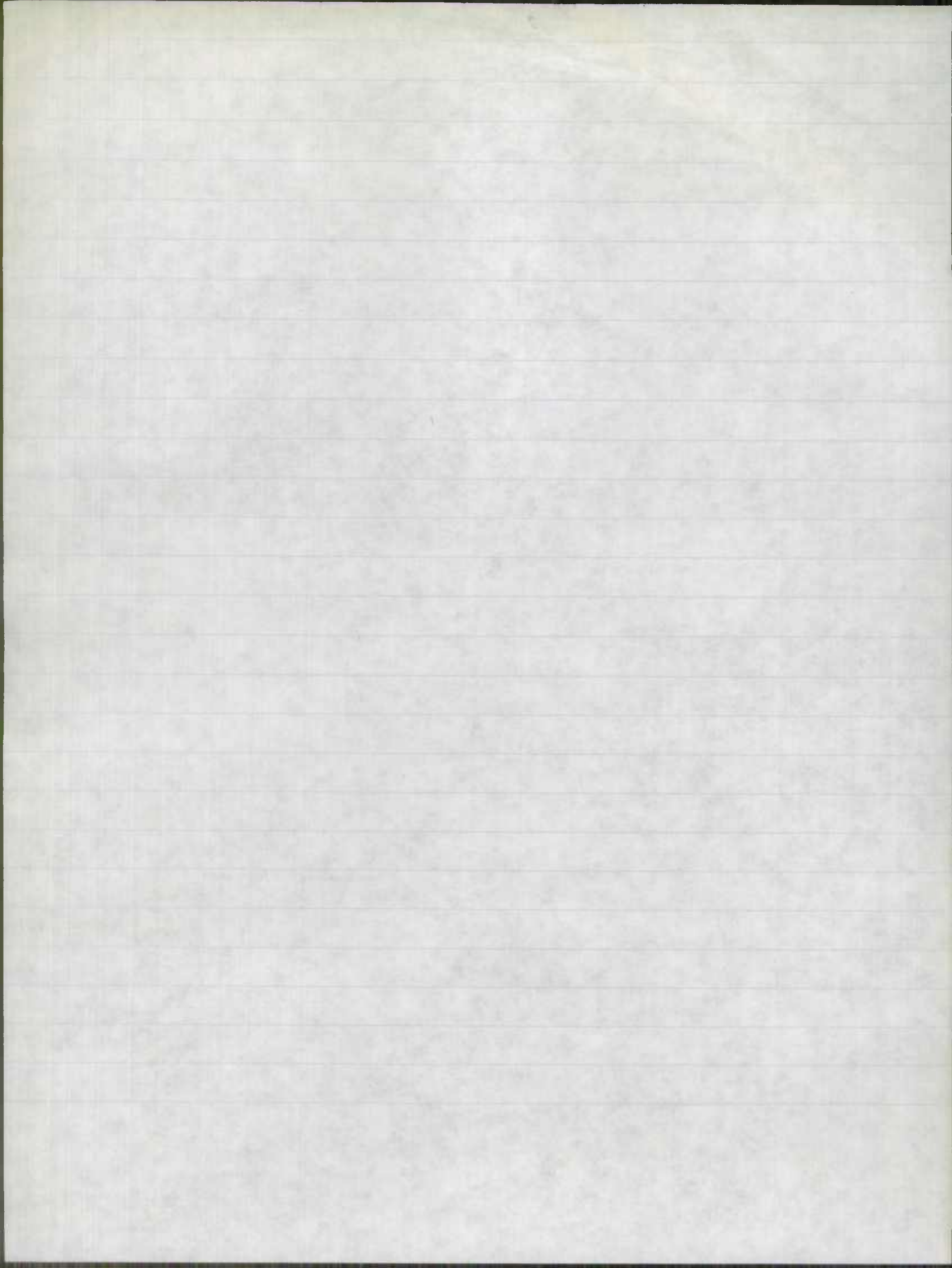
08 3 + OK

09 3 + OK

10 3 + OK

11 3 OK

12-13 none OK



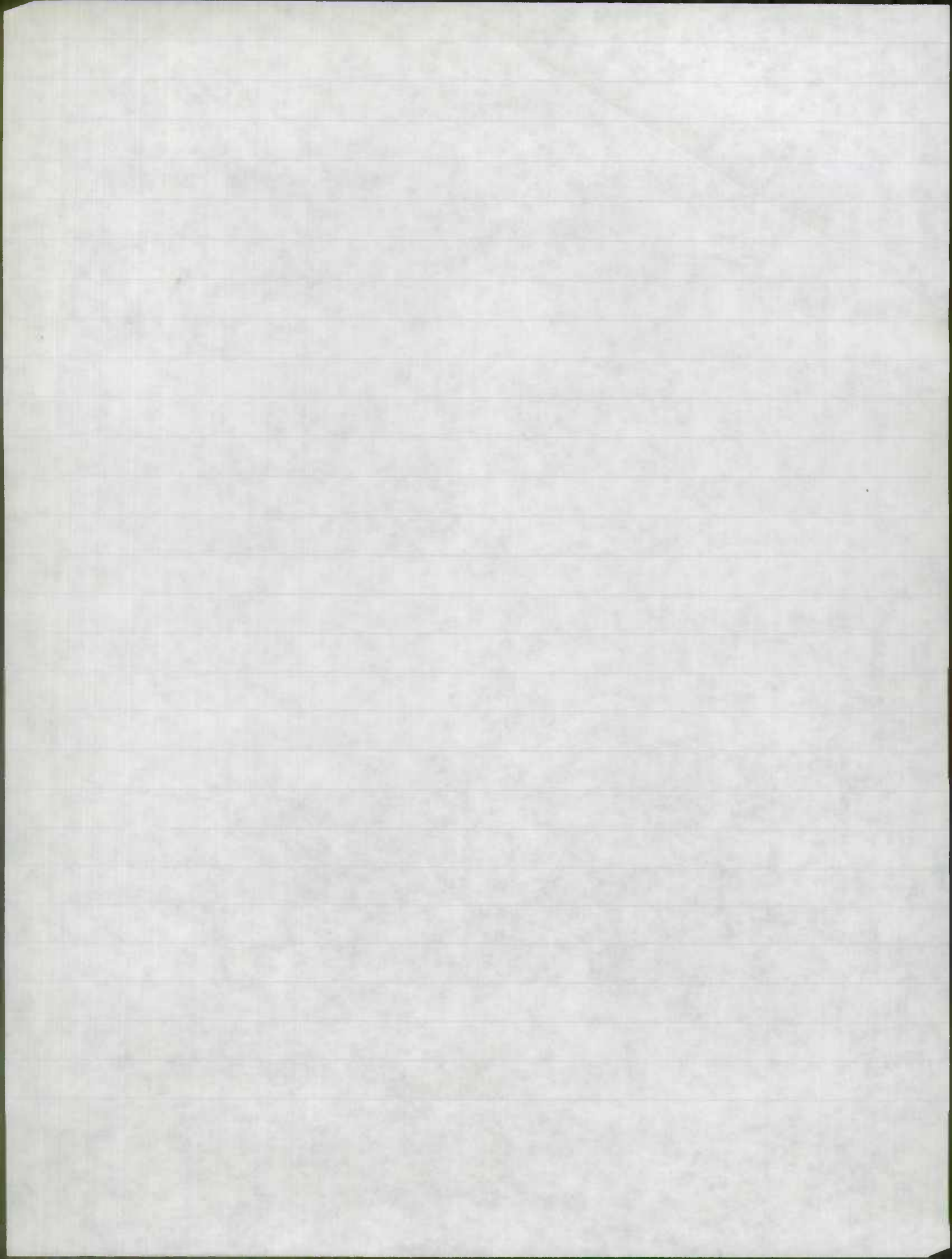
NUMAL

INTERSTATE (01)

- 01 3 OK 5 trading
- 02 3+OK 5
- 03 3+OK 5
- 04 3+OK 5
- 05 3+OK 5
- 06 3+OK 5
- 07 3+OK
- 08 2 OK 100%⁷⁰
- 09 none
- 10 none
- 11 none
- 12 4 OK
- 13 none

OTHER PRINCIPAL ANT. (02)

- 01 3+OK
- 02 3+OK
- 03 3+OK
- 04 3+OK
- 05 3+OK
- 06 3+OK
- 07 1 SAMPLE - ONLY ONE OTHER AVAILABLE ← 16 2000 SU. 02 or 55
- 08 3+OK
- 09 1 - 100%⁷⁰ OK



URBANIZED AREA

00063

INTERSTATE (11)

01-02 none OK

03 2 -100% OK

04-13 none OK

OTHER FREEWAYS + EXPRESSWAYS (12)

01 - 3+ OK

02-13 none OK

OTHER THROUGH ARTERIAL (14)

01 - none OK

02 3 OK

03 3 OK

04 3+ OK

05 100% OK

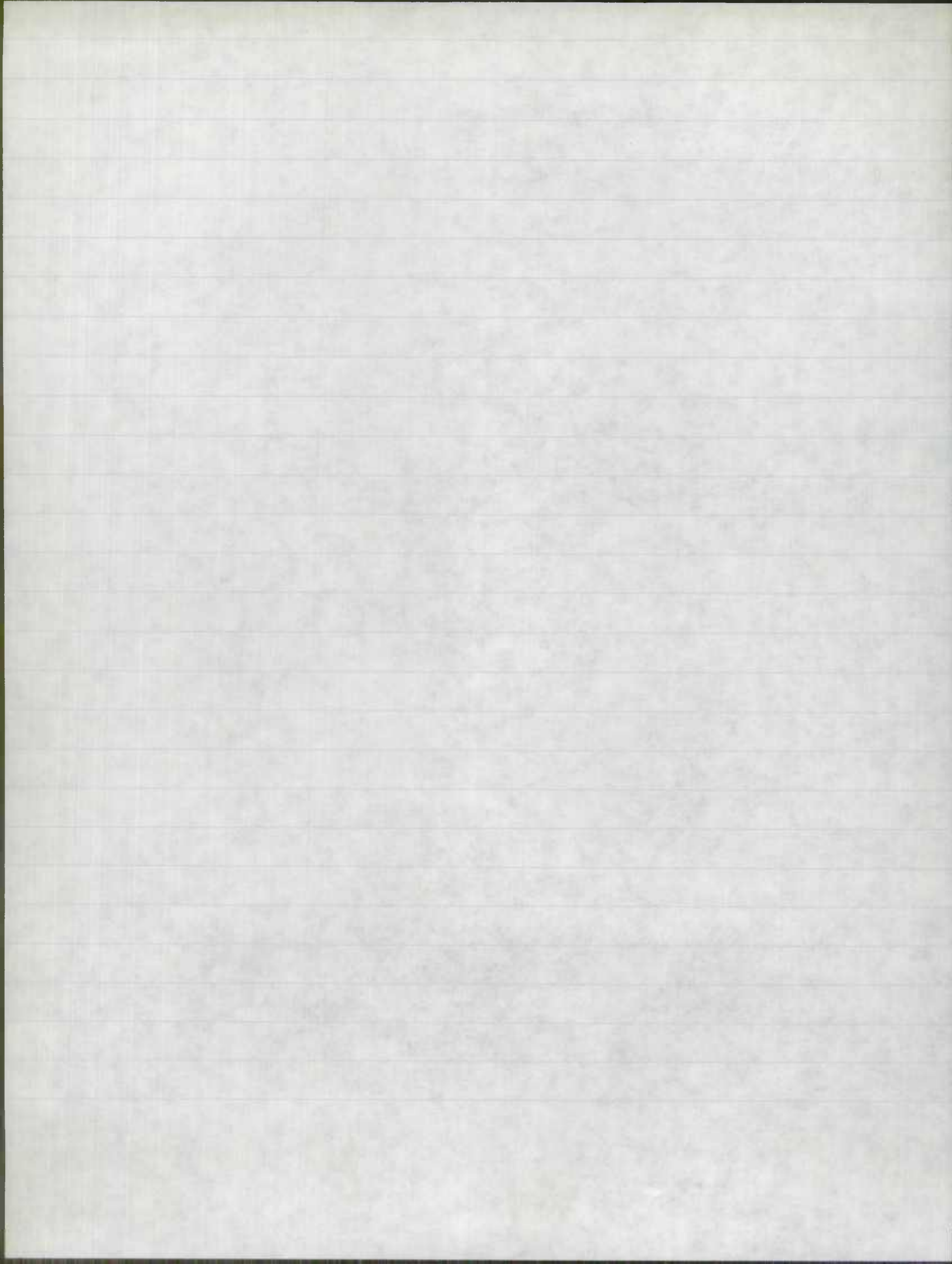
06 need more

07 3+ OK

08-13 none OK

07	20213000	1856	.18
07	20212000	1879	.11





UNRAZED AREA -

00285

INTERSTATE (11)

01 3 OK

02 3+OK

03-13 none OK

OTHER FREEWAY + EXPRESSWAYS (12)

01-13 none OK

OTHER PRINCIPAL ARTERIALS (14)

01 3+OK

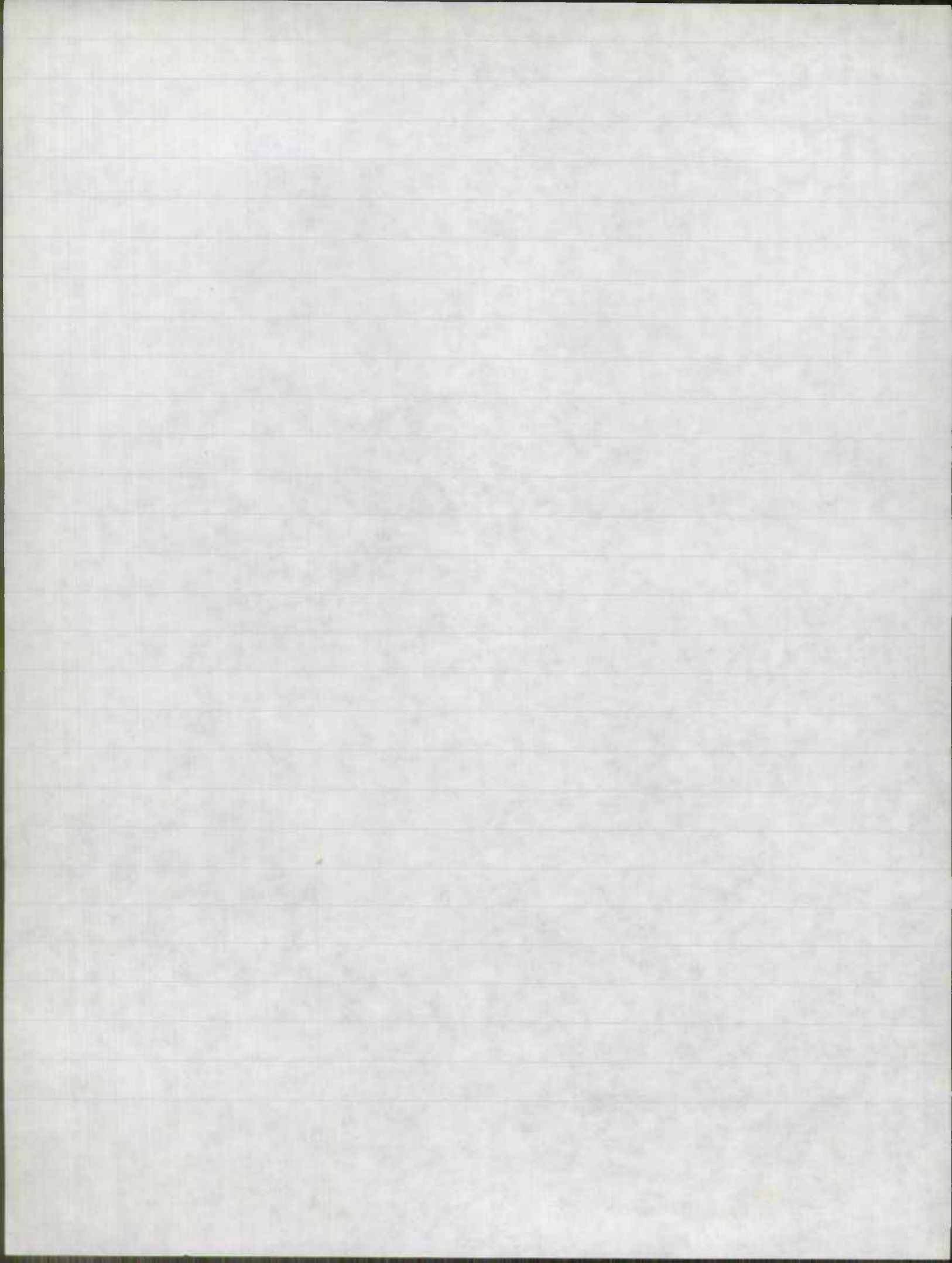
02 3 OK

03 3+OK

04 3+OK

05 3+OK

06-13 none OK



UNIDENTIFIED AREAS - 00284

INTERSTATE (11)

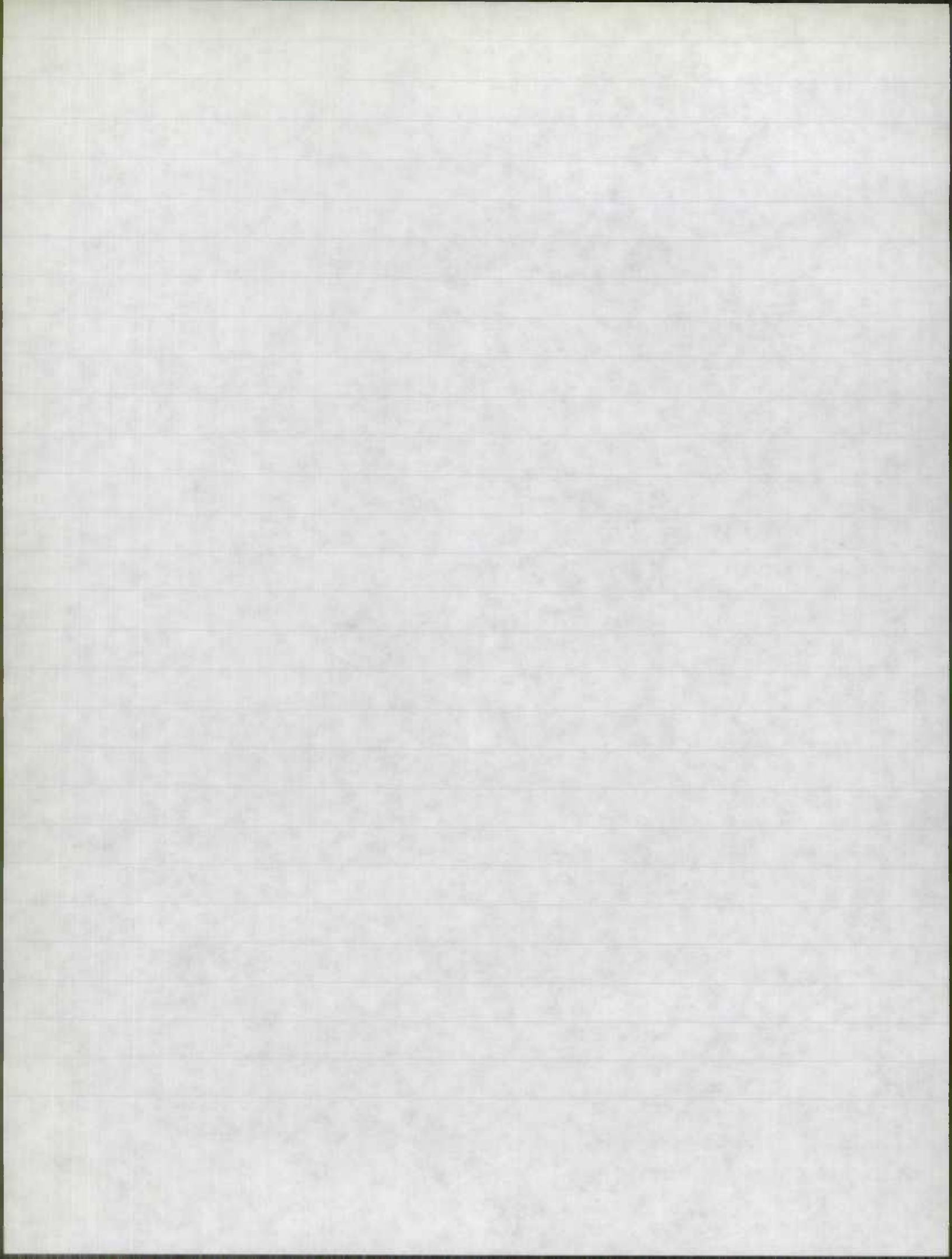
- 01 1 - 10090 OK
- 02 3 + OK
- 03-13 NONE OK

OTHER FREEWAY & EXPRESSWAYS (12)

- 01-13 NONE OK

OTHER PRINCIPAL ARTERIALS (14)

- 01 3 OK
- 02 3 + OK
- 03 3 + OK
- 04 3 + OK
- 05 3 OK
- 06 3 OK
- 07 3 OK
- 08-13 NONE



UNANNOUNCED AREA - 00388

Interstate (11)

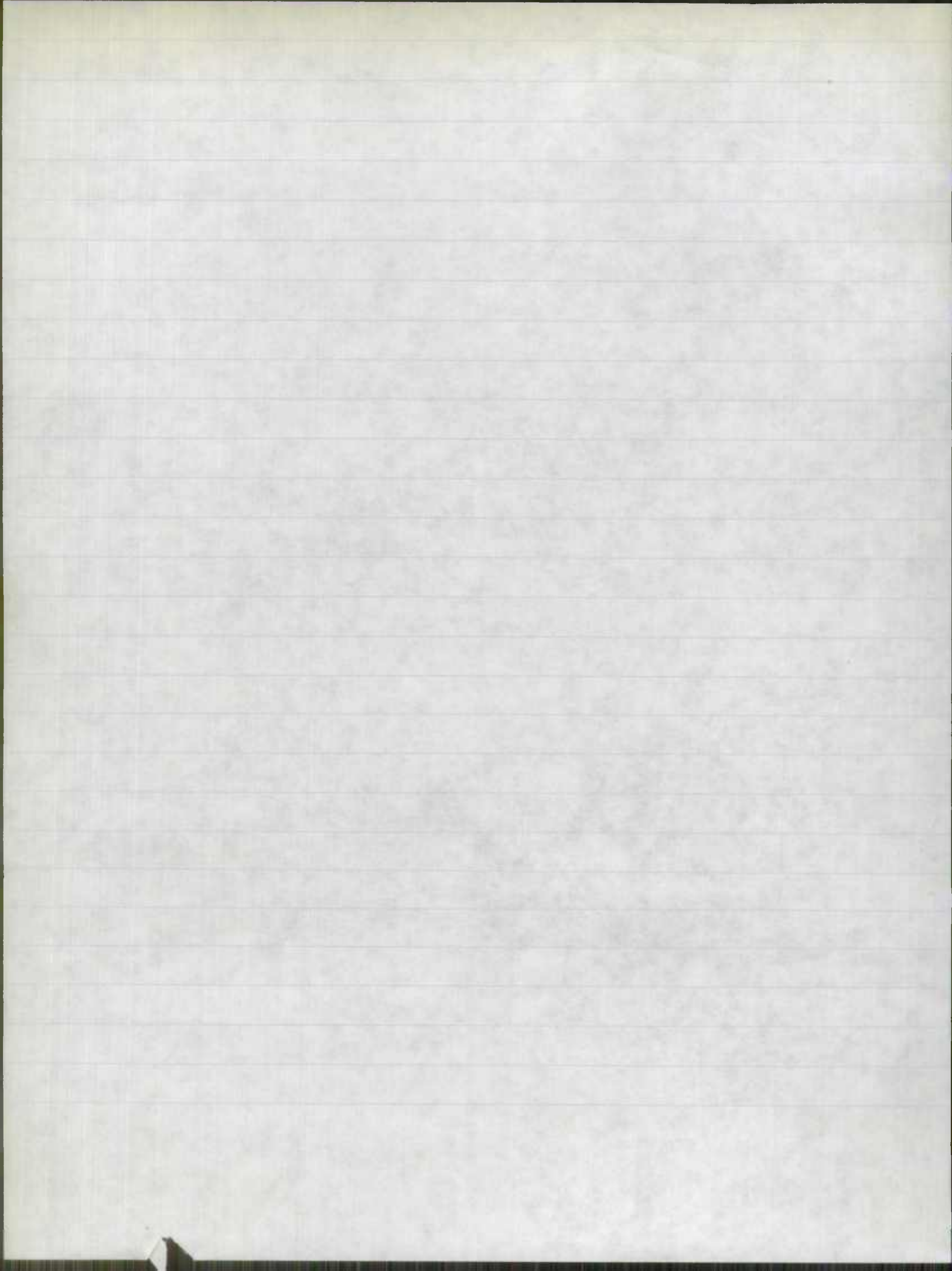
- 01 none - OK
- 02 3+ OK
- 03 3+ OK
- 04-13 none OK

Other Freeways + Expressways (12)

- 01 none - OK
- 02 3+ OK
- 03 3+ OK
- 04-13 none OK

Other Principal Arterials (14)

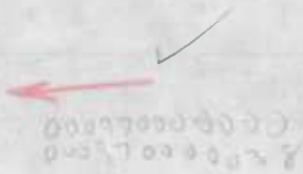
- 01 1 - 100% OK
- 02 3+ OK
- 03 3+ OK
- 04 3+ OK
- 05 2 - need 1 ← 100400000925
- 06 3+ OK
- 07 3 OK
- 08 none OK
- 09 3 OK
- 10-13 none OK



UNRAZED AREA - 100331

INTERSTATE (11)

- 01 none OK
- 02 none - need 3, only 2 AVAILABLE (100%)
- 03 3+ OK
- 04 3+ OK
- 05 1 - 100% OK
- 06-13 none OK

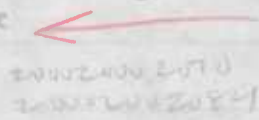


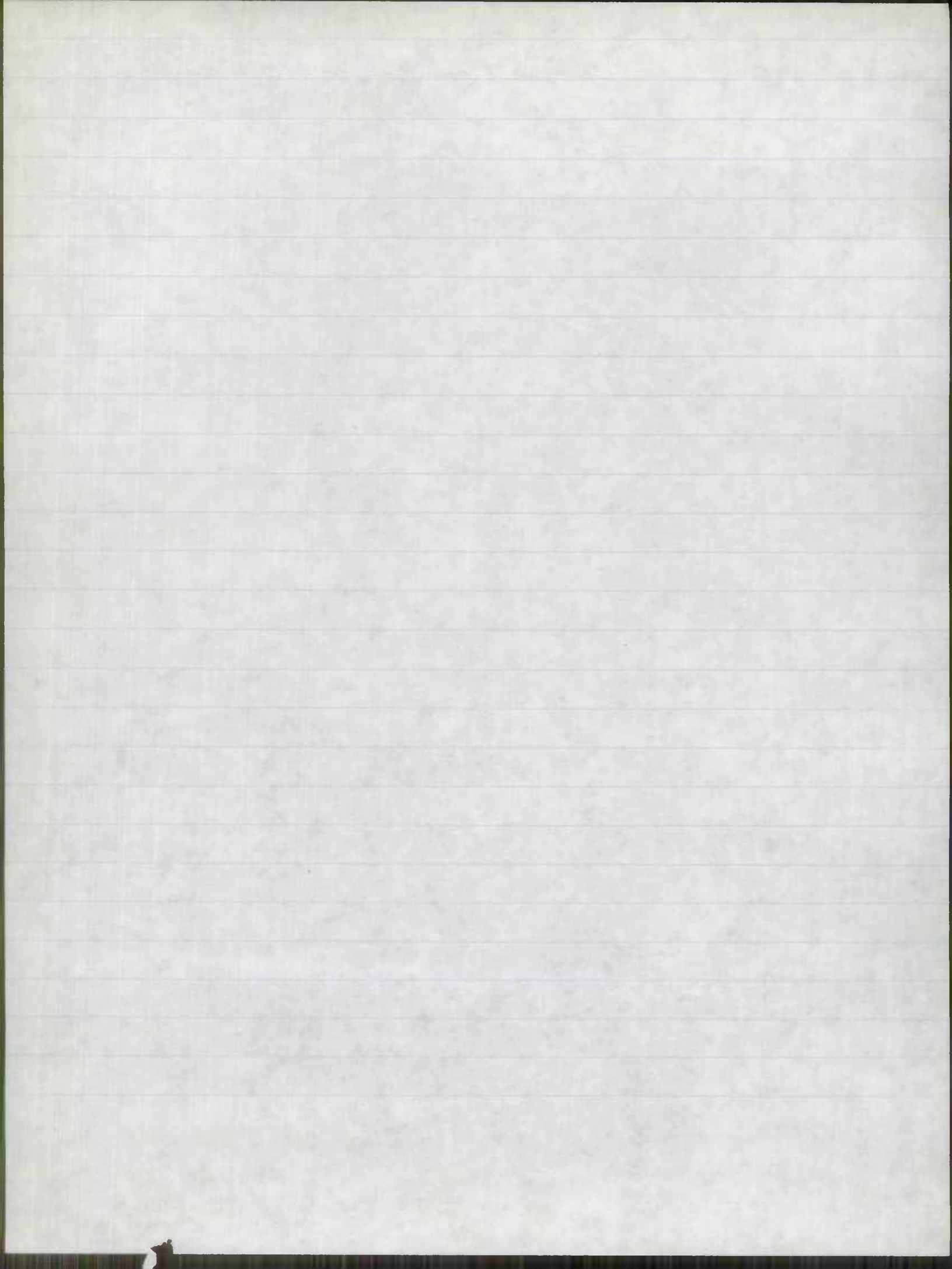
OTHER FREEWAYS & EXPRESSWAYS (12)

- 01 3 OK
- 02-04 none OK
- 05 2 100% OK
- 06-13 none OK

OTHER PRINCIPAL ARTERIAL (14)

- 01 1 - 100% OK
- 02 none OK
- 03 3 OK
- 04 3+ OK
- 05 3+ OK
- 06 none need 3 only 2 AVAILABLE (100%)
- 07 3+ OK
- 08 3+ OK
- 09-13 none OK





SMALL URBAN

INTERSTATE (11)

01-13 none OK

Other FREEWAYS + EXPRESSWAYS (12)

01 none OK

02 3 OK

03 1 - 100% OK

04-13 none - OK

Other PRINCIPAL ARTERIAL (14)

01- none OK

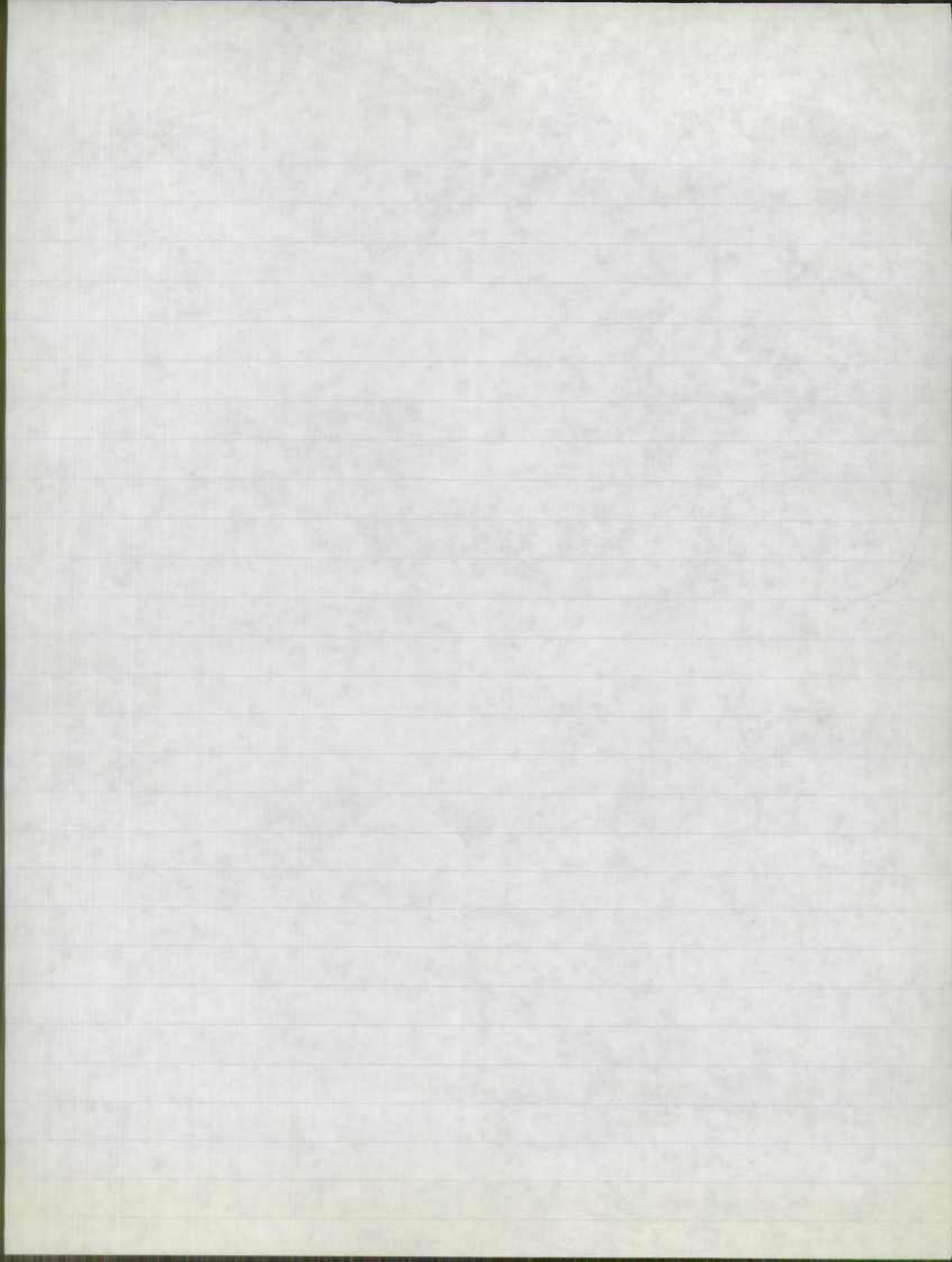
02 none need 3 - ONLY 1 AVAILABLE (100%)

03- none OK

04- none OK

05- 1 need 2 more

✓ ←
12 20220000000
✓ ←
12 20220000000
12 20220000000



URBAN 388

Interstate (11)

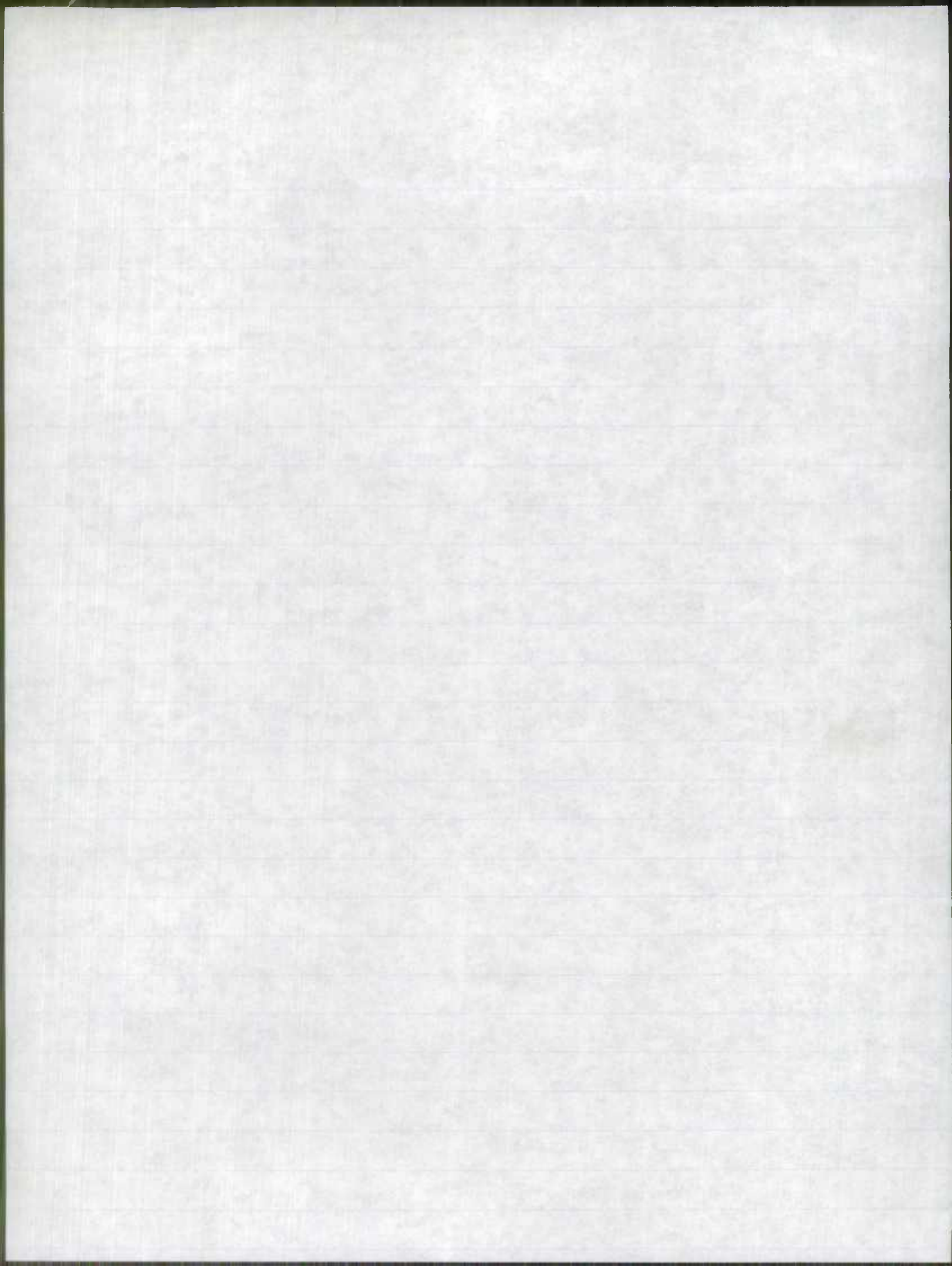
- 01 None OK
- 02 3+ OK
- 03 3+ OK
- 04-10 None OK

Freeway Expressway (12)

- 01 - None OK
- 02 3+ OK
- 03 3+ OK
- 04-10 None OK

Other Principal Arterial (14)

- 01 - 1 - 100% OK
- 02 3+ OK
- 03 3+ OK
- 04 3+ OK
- 05 3 OK
- 06 3+ OK
- 07 3 OK
- 08 None OK
- 09 3 OK
- 10-13 None OK



MINOR ANTENNA (16)

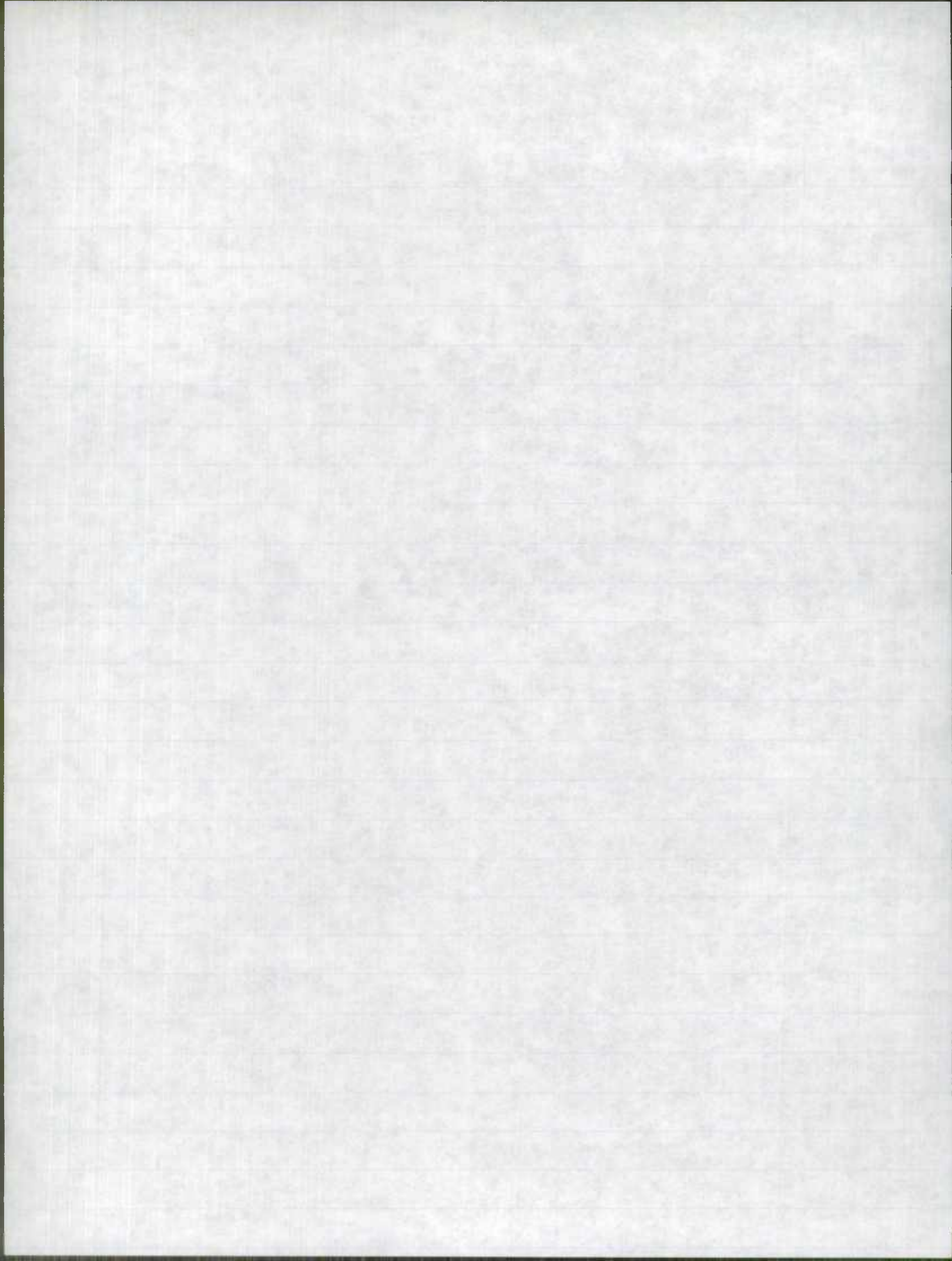
- 01 - 3 OK
- 02 - 3 OK
- 03 - 3 OK
- 04 - 2 need 1 ✓
- 05 3 + OK
- 06 3 OK
- 07-13 none OK

010 601200570046

COLLECTOR (17)

- 01 - 3 + OK
- 02 2 need 1
- 03 3 + OK
- 04 3 + OK
- 05 3 + OK
- 06-13 none OK

10 203730000163



7-13-94

1062

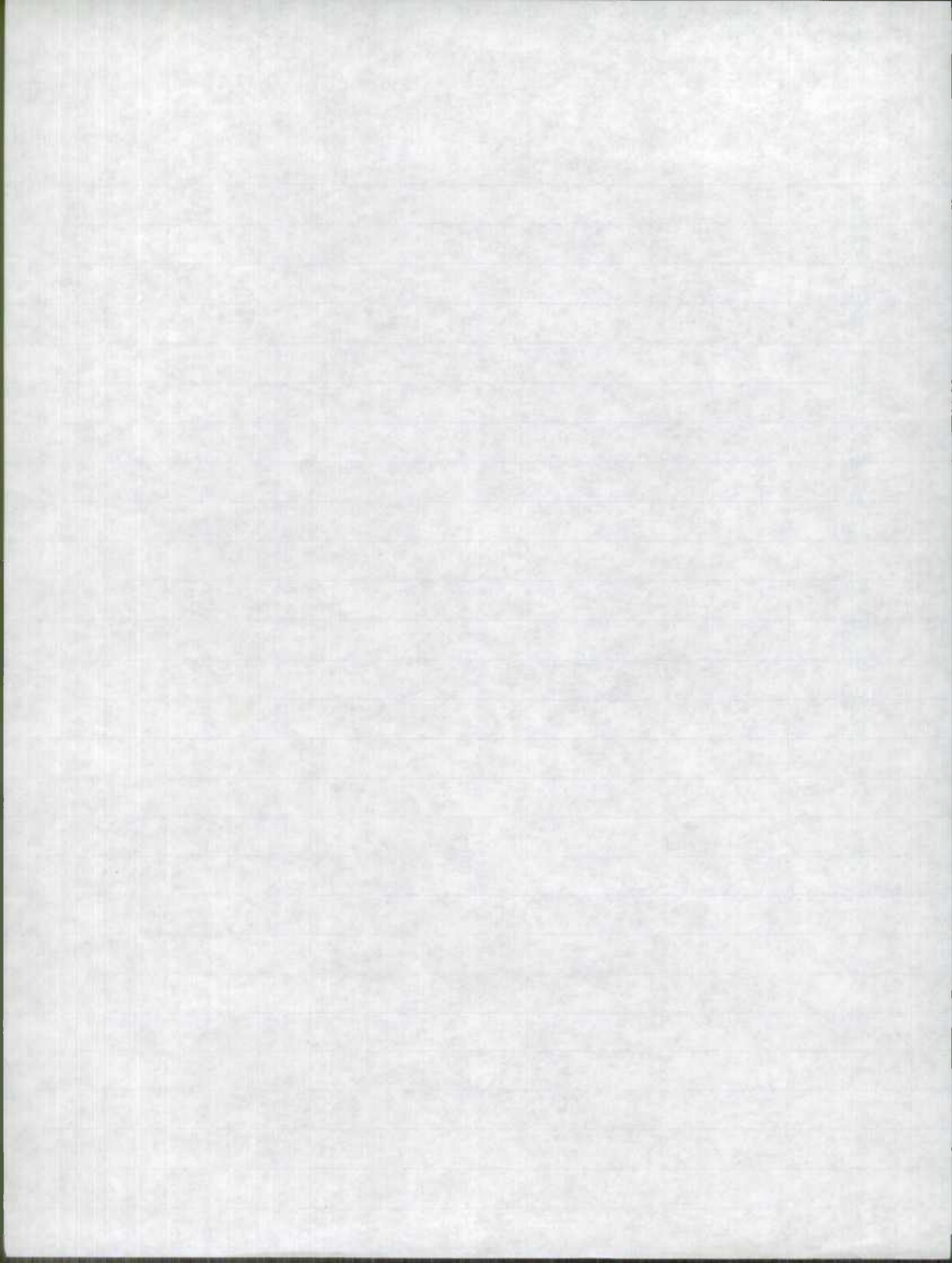
— normal —

INFUSORIAL (01)

- 01 3+OK
- 02 3+OK
- 03 3+OK
- 04 3+OK
- 05 3+OK
- 06 3+OK
- 07 3+OK
- 08 2 - 100% OK
- 9-11 none OK
- 12 3+OK
- 13 none

OTHER PRIM. ANTENNAE (02)

- 01 3+OK
- 02 3+OK
- 03 3+OK
- 04 3+OK
- 05 3+OK
- 06 3+OK
- 07 2 - 100% OK
- 08 3+OK
- 09 1 - 100% OK



2062

NUMAL

MINOR ANTENNA (106) (STANDARD)

01 3+ OK

02 3+ OK

03 3+ OK

04 3+ OK ✓

05 2 need 1

07 10040.0000058

29

STAND
+
MINA

06-13 none - OK

MAJOR collector (07)

01 3+ OK

02 3+ OK

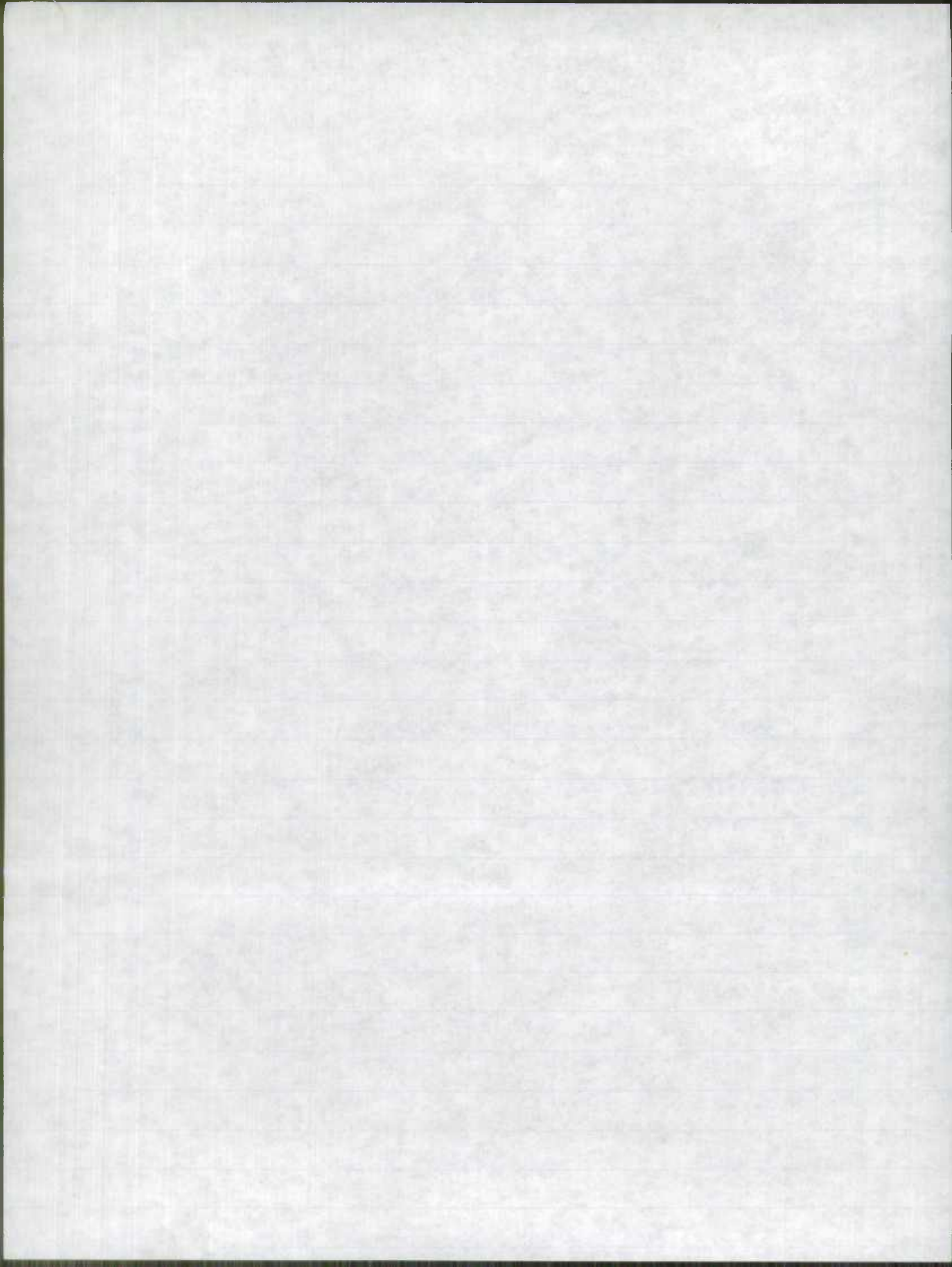
03 3+ OK

04 3+ OK

05 1 need 2 ✓

10 200850000655
10 200850000679

06-13 none OK



UNSW 00063

INTERSTAGE (11)

- 01 - none OK
- 02 - none OK
- 03 - 1 - 100% OK
- 04-13 none OK

Freeway Expressway (12)

- 01 - 3 OK
- 02-13 none OK

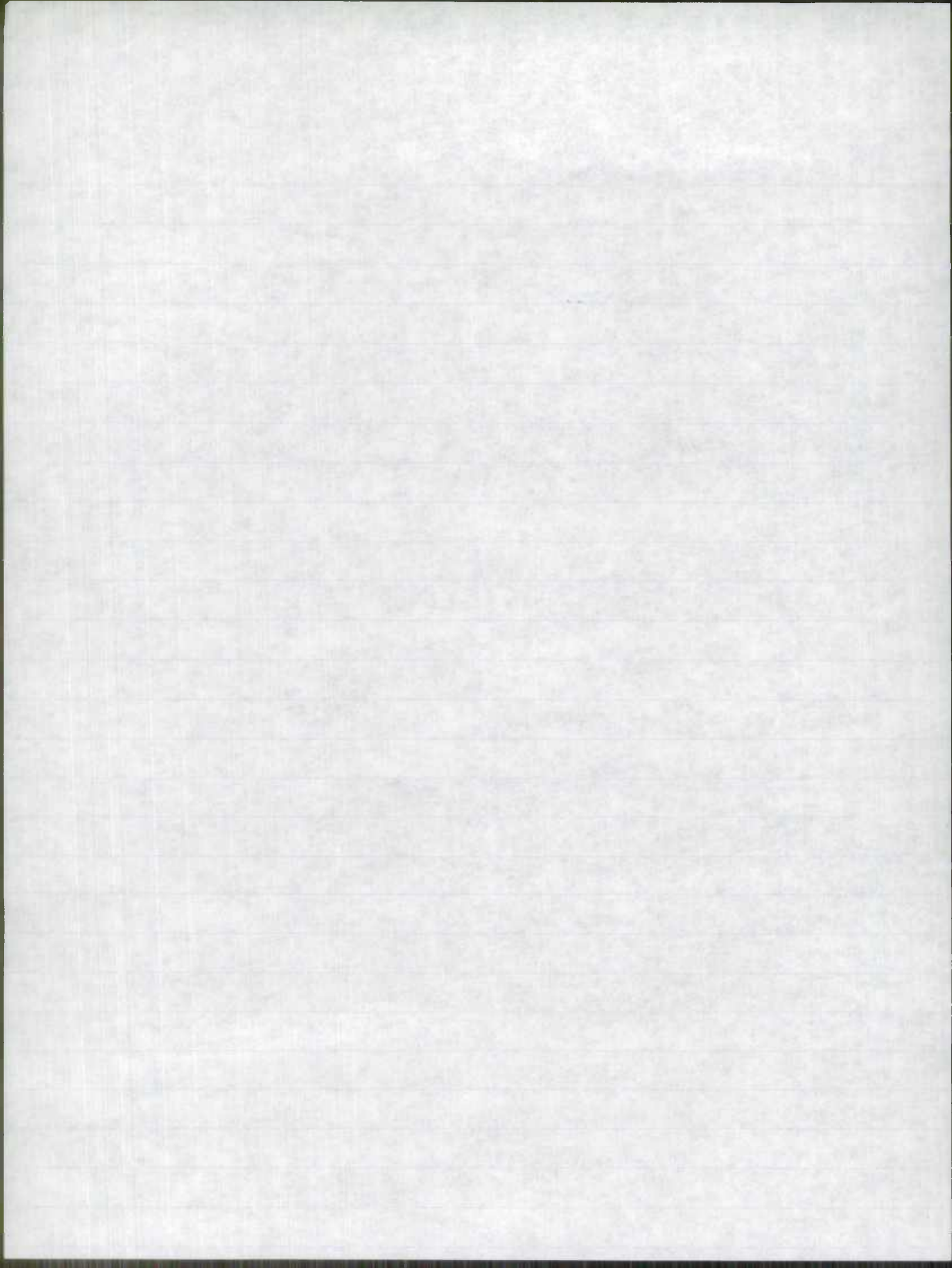
Other Principal Antennas (14)

- 01 - none OK
- 02 3 OK
- 03 2 OK
- 04 3 OK
- 05 3 OK
- 06 3 OK
- 07 2 OK
- 08-13 none OK

Minor Antennas (16)

- 01 - 2 - 100% OK
- 02 3 OK
- 03 3 OK
- 04 3 OK
- 05-13 none OK

no diff



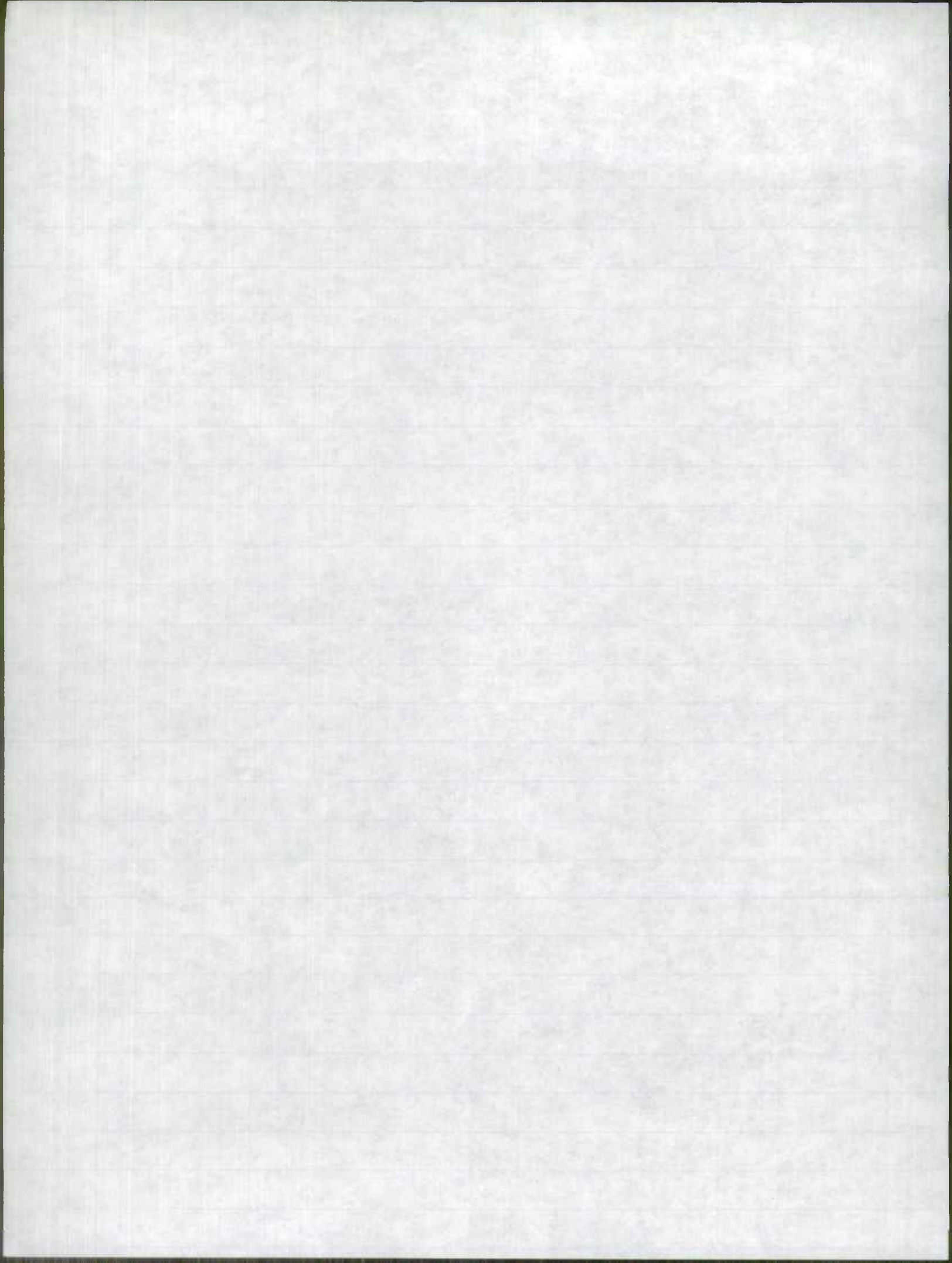
Collector (17)

01 3 OK

02 3 OK

03 3 OK

04-13 3 OK



UNRAISED AREA

00012

Interstate (11)

- 01 3+ OK
- 02 3+ OK
- 03 3+ OK
- 04 3+ OK
- 05 3+ OK
- 06 3+ OK
- 07 3+ OK

08 2 - need more ← (02) 000870000356

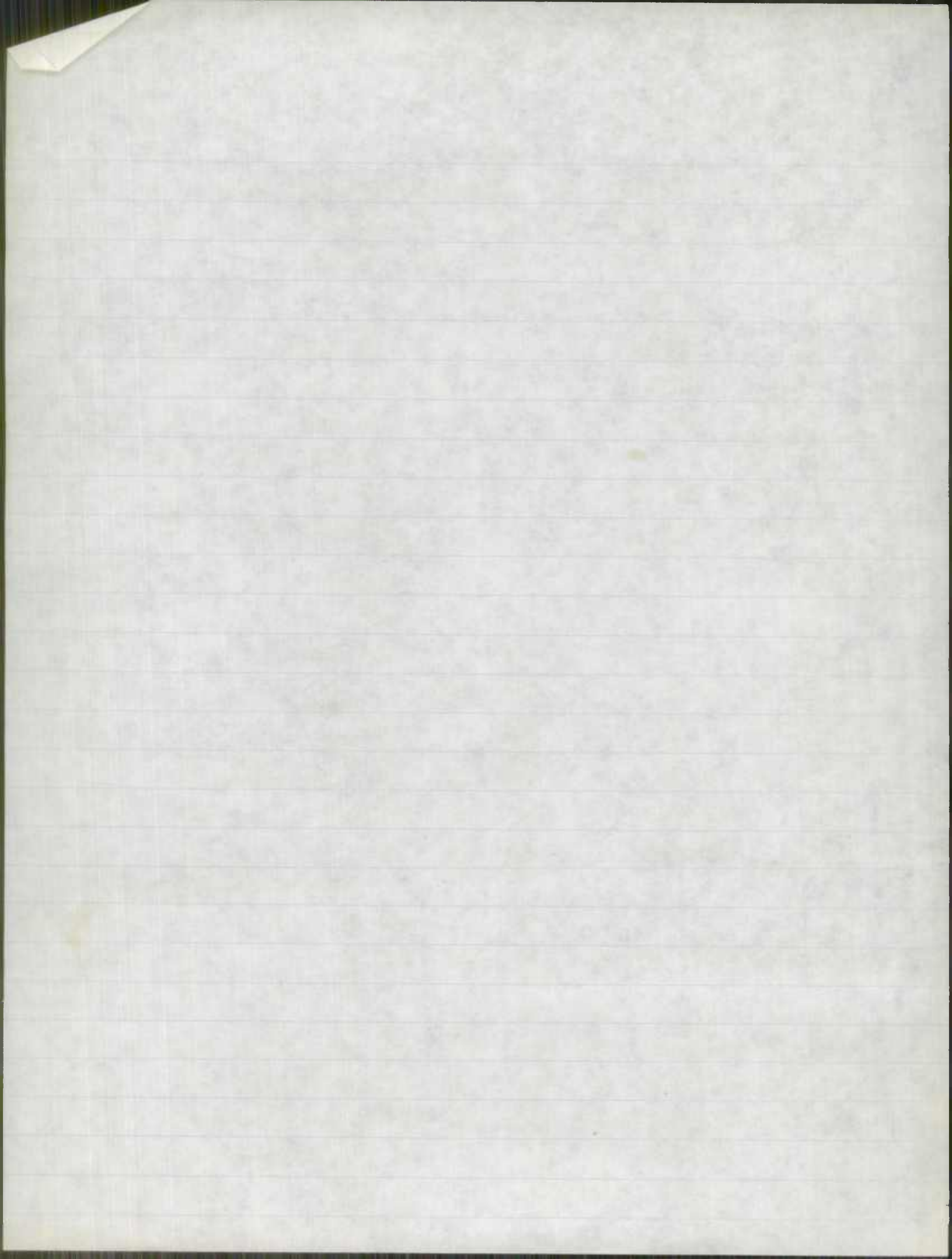
09-13 none OK

Other Freeway + Expressways (12)

- 01 3+ OK
- 02 3+ OK
- 03 3+ OK
- 04 none - OK
- 05 3+ OK
- 06-13 none OK

Other Principal Arterials (14)

- 01 none OK
- 02 none - need 3, 1 AVAILABLE (12) 20023000 0000
- 03 3+ OK
- 04 3+ OK
- 05 3+ OK
- 06 3+ OK
- 07 3+ OK



AC114

UNORGANIZED AREA

100012

cont

08 3+OK

09 3+OK

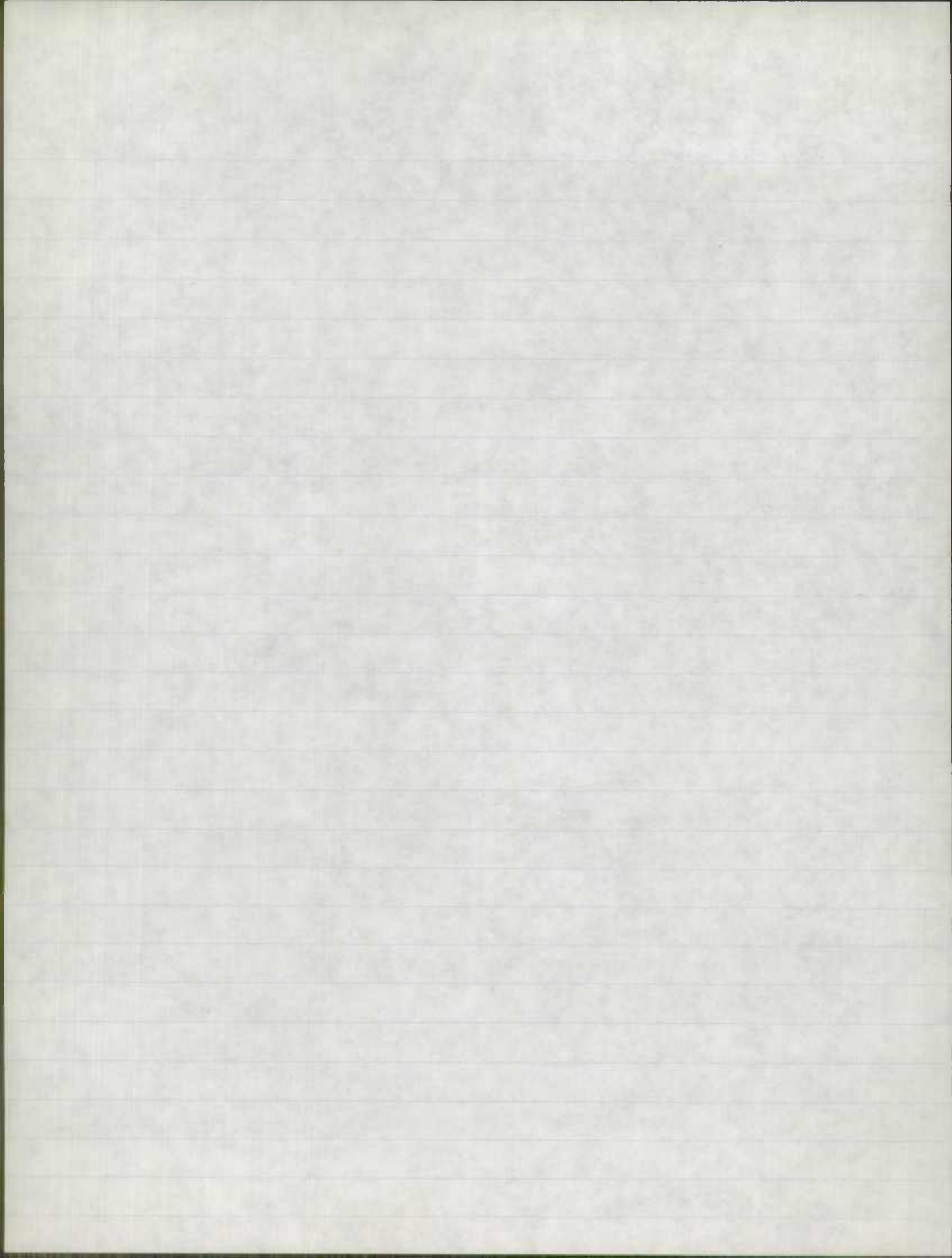
10 1 - need 2 more

11 2 - 10070 OK

12-13 none OK

02 20002000 2739
02 20002000 2745





UNSAN 00284

INTERSTATE (11)

- 01 - 1 - 100% OK
- 02 3+ OK
- 03-13 none OK

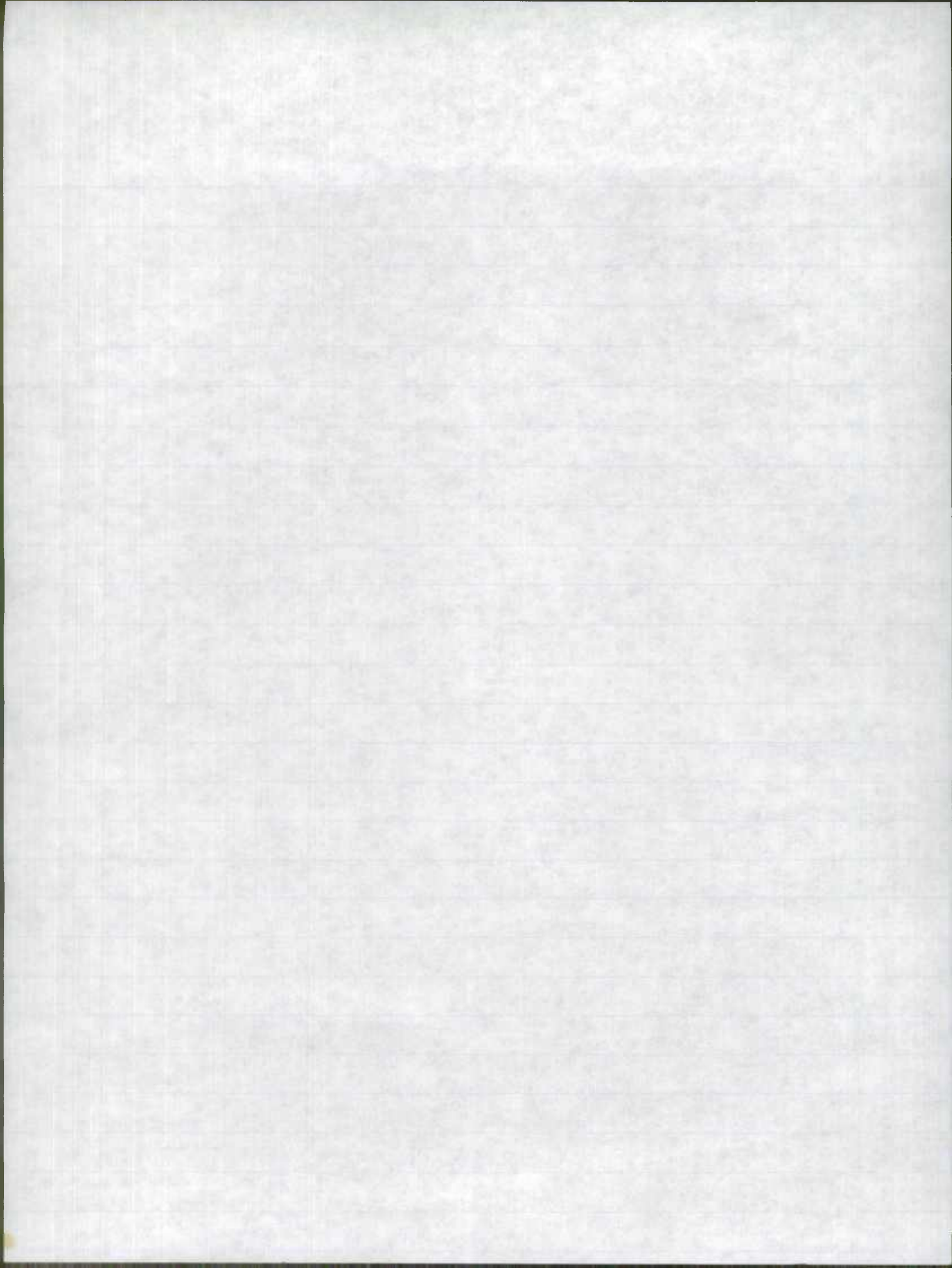
Freeway Expressway (12)

Other PRINCIPAL ARTERIAL (14)

- 01 - 3 OK
- 02 3 OK
- 03 3+ OK
- 04 3+ OK
- 05 3 OK
- 06 3 OK
- 07 3 OK
- 08-13 - none OK

MINOR ARTERIAL (16)

- 01 3+ OK
- 02 3+ OK
- 03 3+ OK
- 04 3+ OK
- 05 3 OK
- 06-13 none OK



Collection (17)

01 3+01c

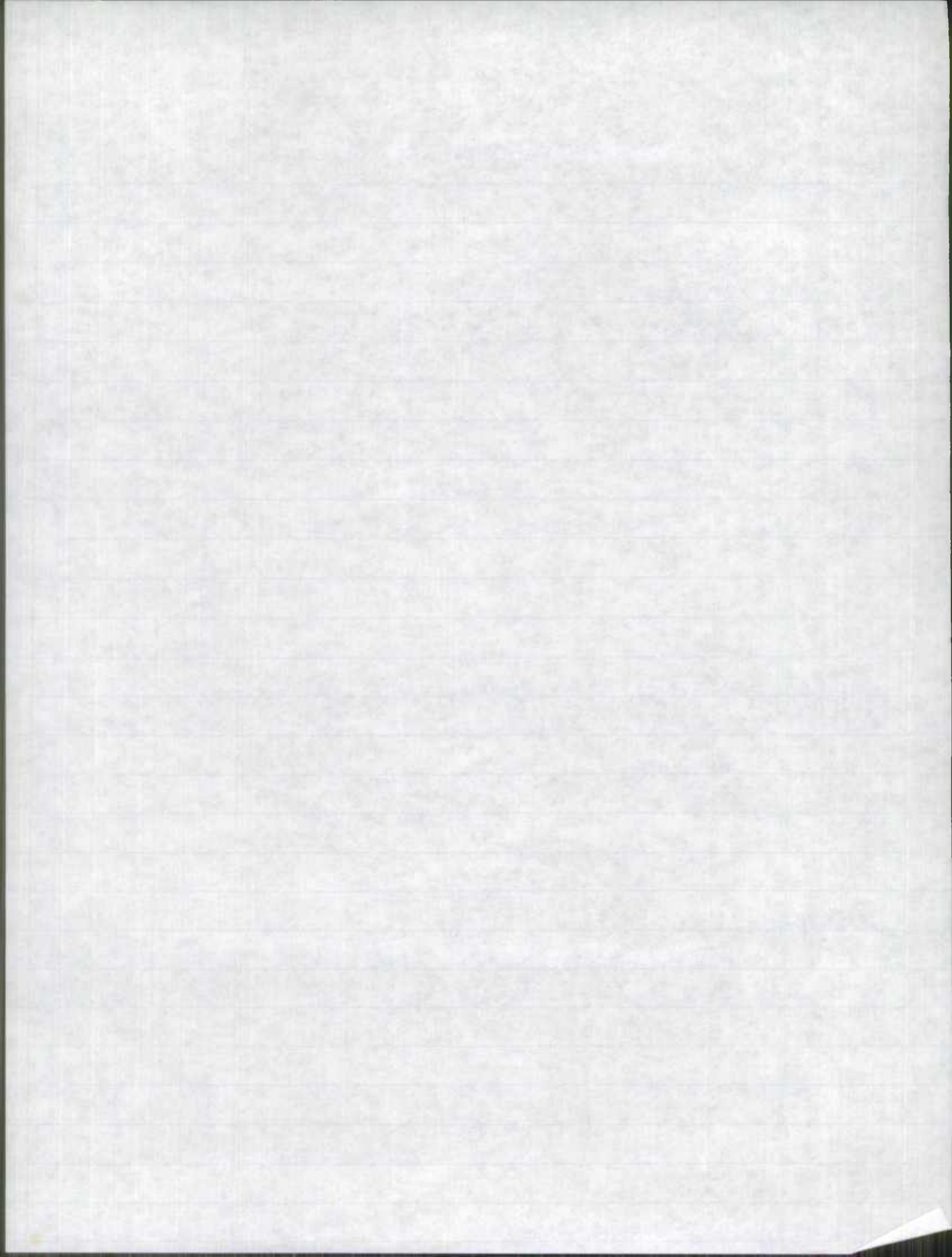
02 3+01c

03 3+01c

04 301c

05 301c

06-13 none ok



- URBAN 00285 -

Interstate - (II)

- 01 - 3 OK
- 02 - 3+OK
- 03-13 NONE OK

Freeway Expressway

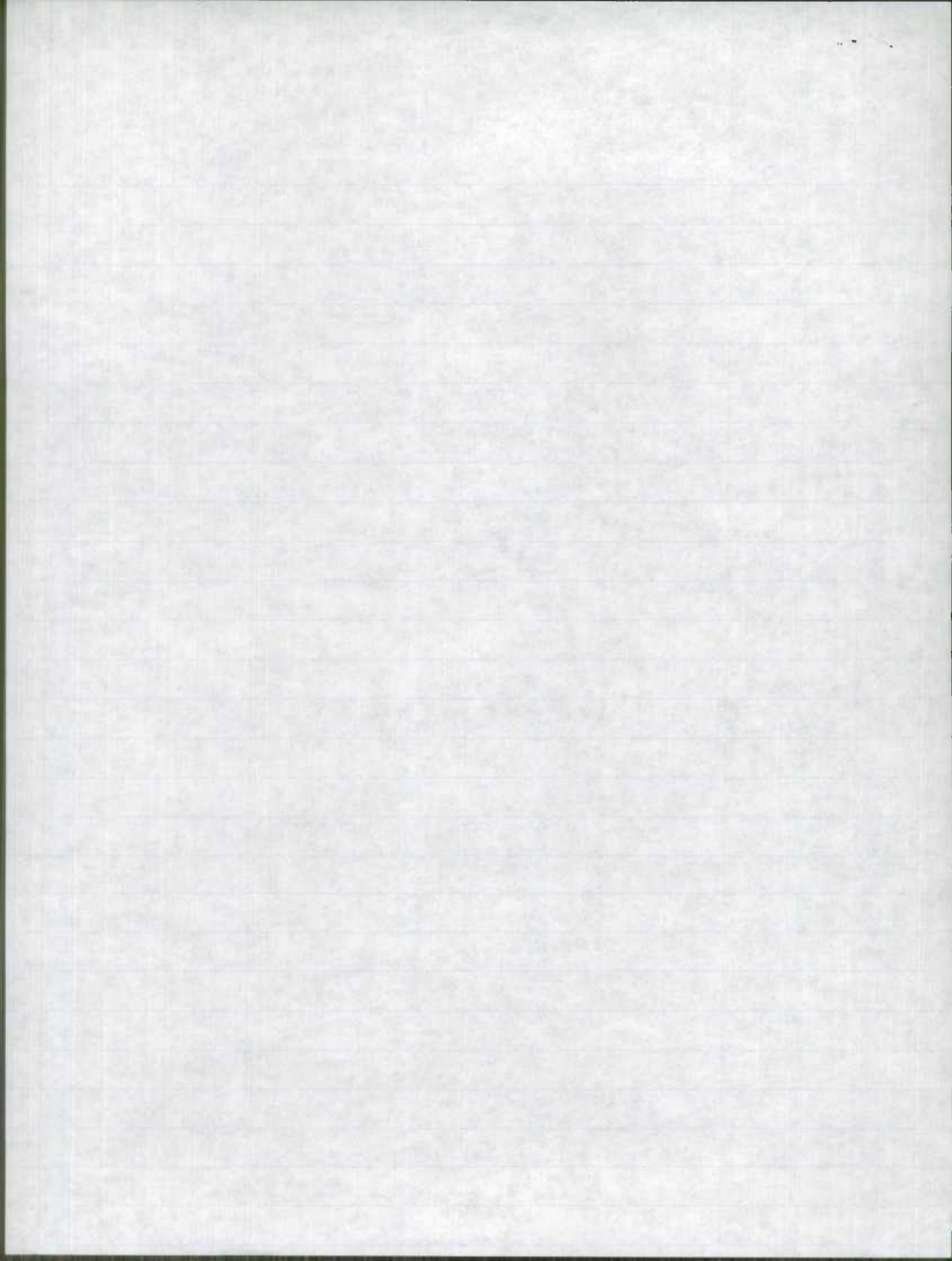
- 01-13 NONE OK

Other Principal Arterial

- 01 3+OK
- 02 3 OK
- 03 3OK
- 04 3+OK
- 05 3+OK
- 06-13 NONE OK

Minor Arterial

- 01 3+OK
- 02 3+OK
- 03 3+OK
- 04 3+OK
- 05 NONE
- 06 3+OK
- 07-13 NONE OK



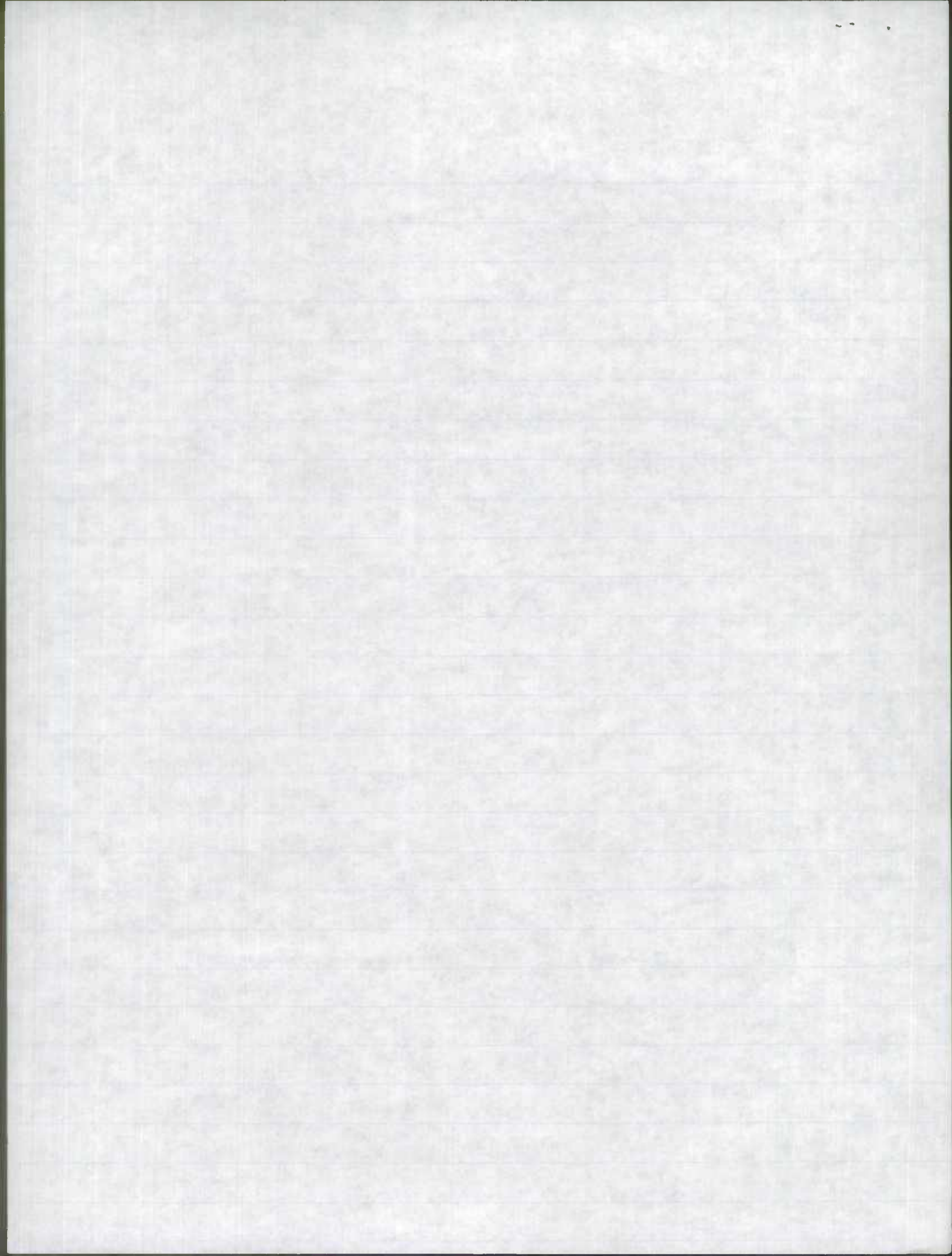
COLLECTOR (17)

01 - 3 + OK

02 - 3 + OK

03 - 3 + OK

04 - 13 none OK



- URBAN 00012 -

INTERSTATE (11)

- 01 - 3+OK
- 02 3+OK
- 03 3+OK
- 04 3+OK
- 05 3+OK
- 06 3+OK
- 07 3+OK
- 08 3 OK

09-13 none OK

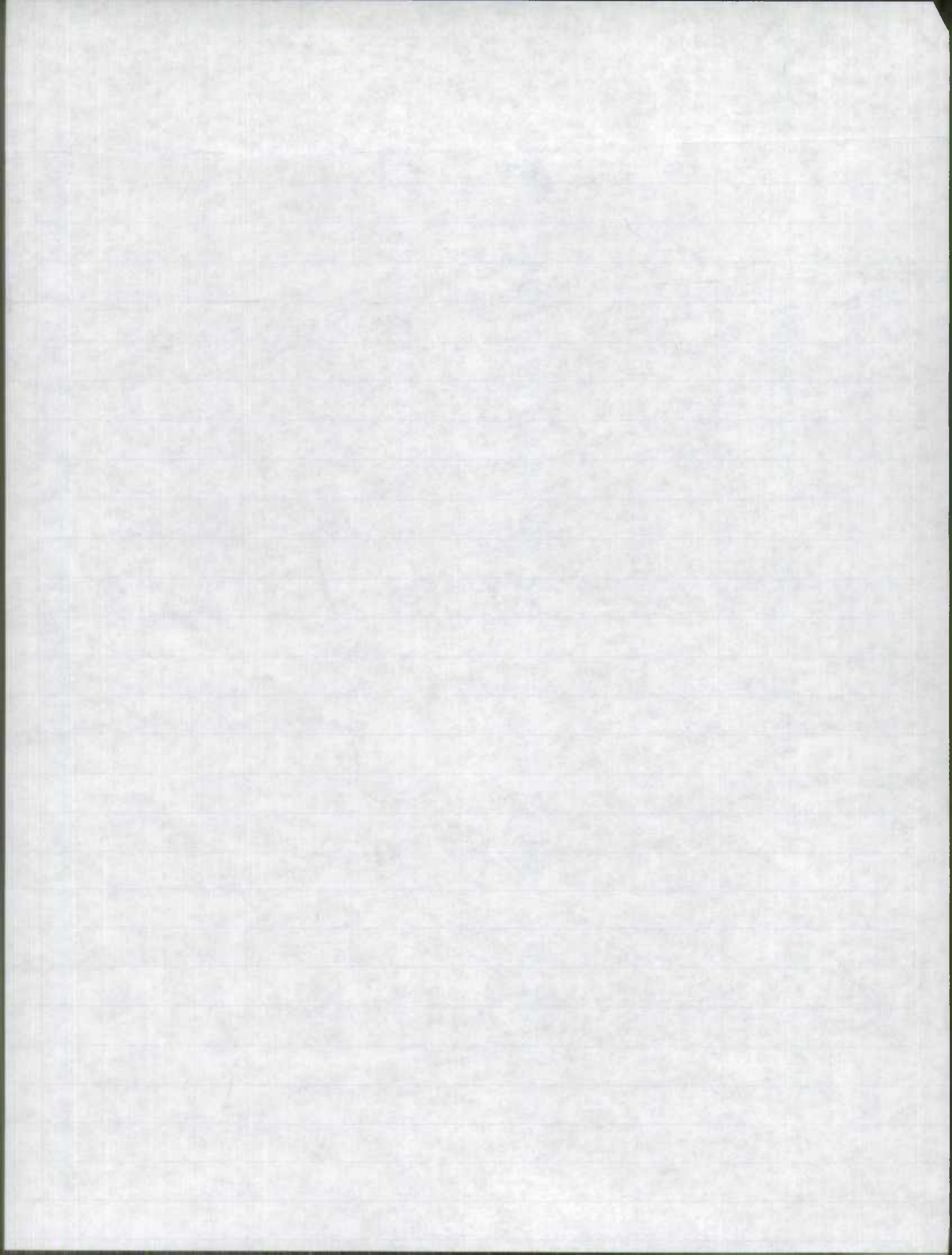
FREEMAX EXPRESSWAY (12)

- 01 - 3+OK
- 02 3+OK
- 03 3+OK
- 04 none OK
- 05 3 OK

06-13 none OK

OTHER PRINCIPAL ARTERIAL (14)

- | | |
|--------------|---------------|
| 01 none OK | 10 3 OK |
| 02 1-100% OK | 11 2 -100% OK |
| 03 3+OK | 12-13 none OK |
| 04 3+OK | |
| 05 3+OK | |
| 06 3+OK | |
| 07 3+OK | |
| 08 3+OK | |
| 09 3+OK | |



MINOR ANTENIAL (14)

- 01 3tok
- 02 3tok
- 03 3tok
- 04 3tok
- 05 3tok
- 06 3tok
- 07 3tok
- 08 none need 3

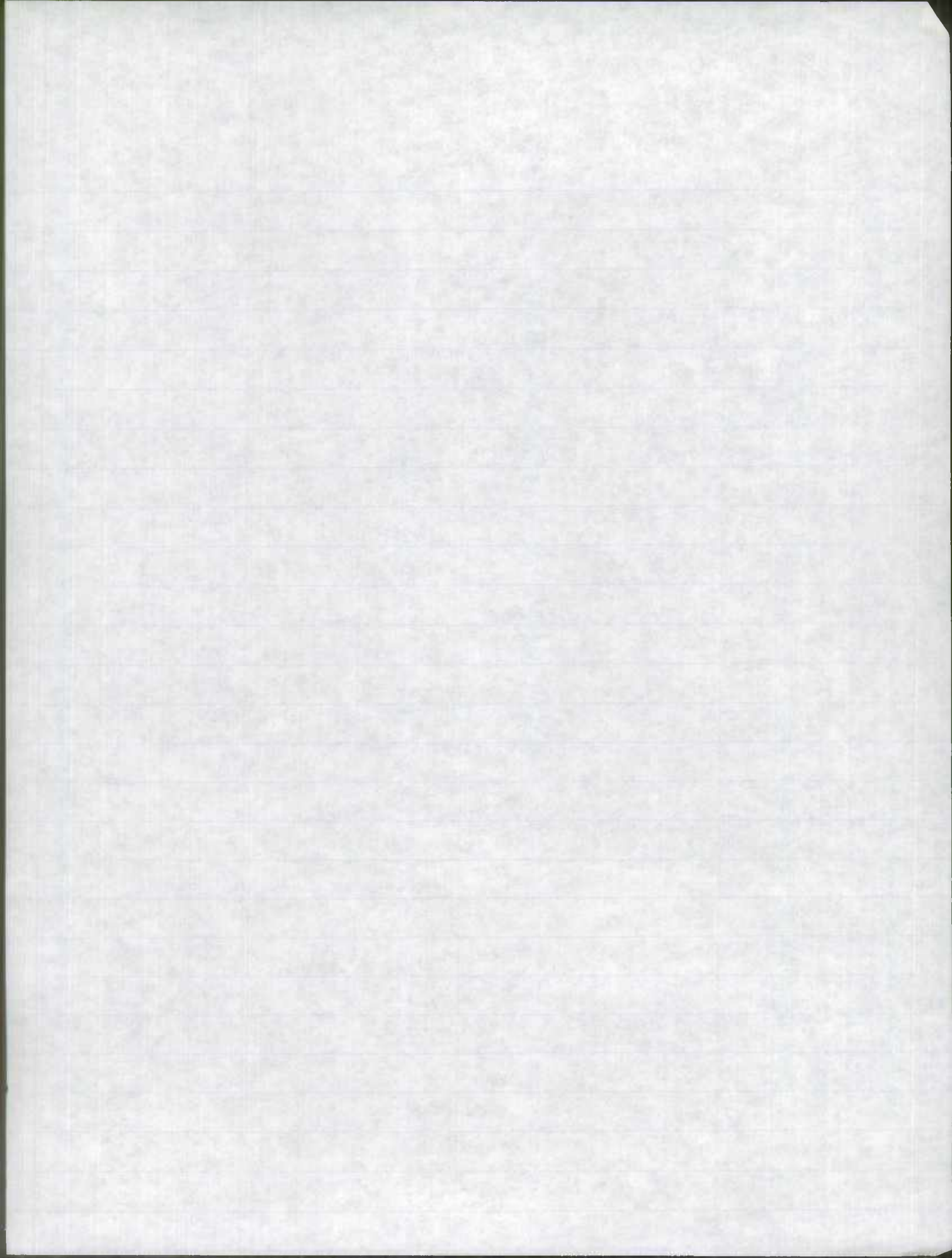
03	201220000008
03	201220000041
03	201220000259

- 09 none need 3

13	201750000677
24	202950000325
24	202950000341

COLLECTOR (17)

- 01 3tok
- 02 3tok
- 03 3tok
- 04 3tok
- 05 3tok
- 06 3ok
- 07 3tok
- 08-13 none



-UNMAN - 0033|-

Interstate (11)

- 01 - none OK
- 02 2-10070 OK
- 03 3+ OK
- 04 3+ OK
- 05 1-10070 OK

Freeway - Expressway (12)

- 01 - 3 OK
- 02-04 none OK
- 05 2-10070 OK
- 06-13 none OK

Other Principal Arterial (14)

- 01 1-10070 OK
- 02 2 none OK
- 03 3 OK
- 04 3+ OK
- 05 3+ OK
- 06 2-10070 OK
- 07 3+ OK
- 08 3+ OK
- 09-13 none OK

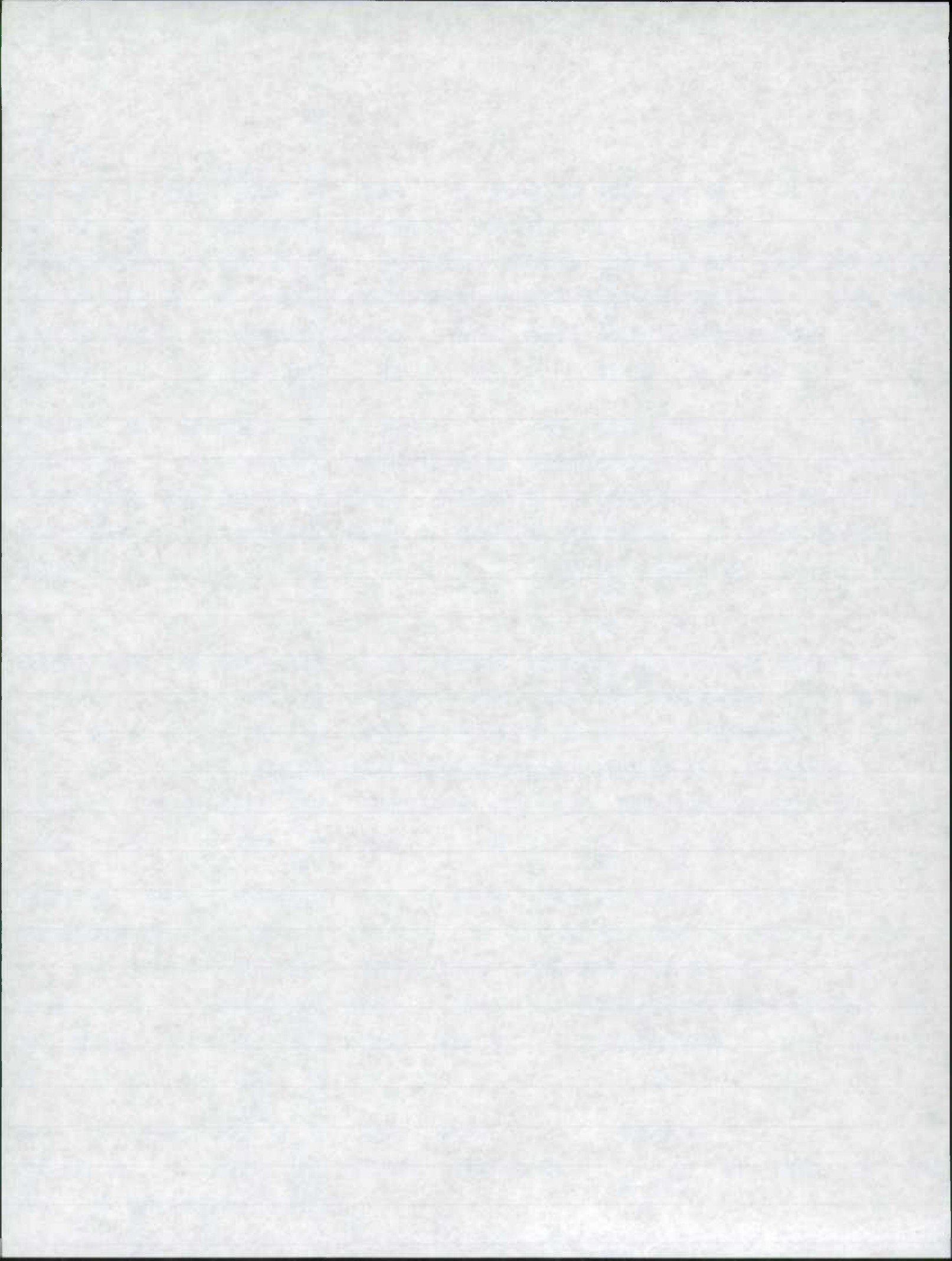


MINOR ANTENIAL - 16

- 01 3 100% OK
- 02 2 100% OK
- 03 3+ OK
- 04 3+ OK
- 05 3+ OK
- 06 3+ OK
- 07 3+ OK
- 08 3+ OK
- 09-13 None OK

Collective (17)

- 01 3+ OK
- 02 3+ OK
- 03 3+ OK
- 04 3+ OK
- 05 3 OK
- 06 3+ OK
- 07 3 OK
- 08 2 - 100% OK
- 09-13 None OK



SMALL UNDOAN

MINI ANTENNA (16)

01 3 + OK

02 3 + OK

03 3 + OK

04 3 + OK

05 3 OK ADDED

12 2013200000511

06 1 - 10070 OK

07 none OK

08 3 OK

UNDOAN COLLECTION (17)

01 3 + OK

02 3 + OK

03 3 + OK

04 3 + OK

05 3 + OK

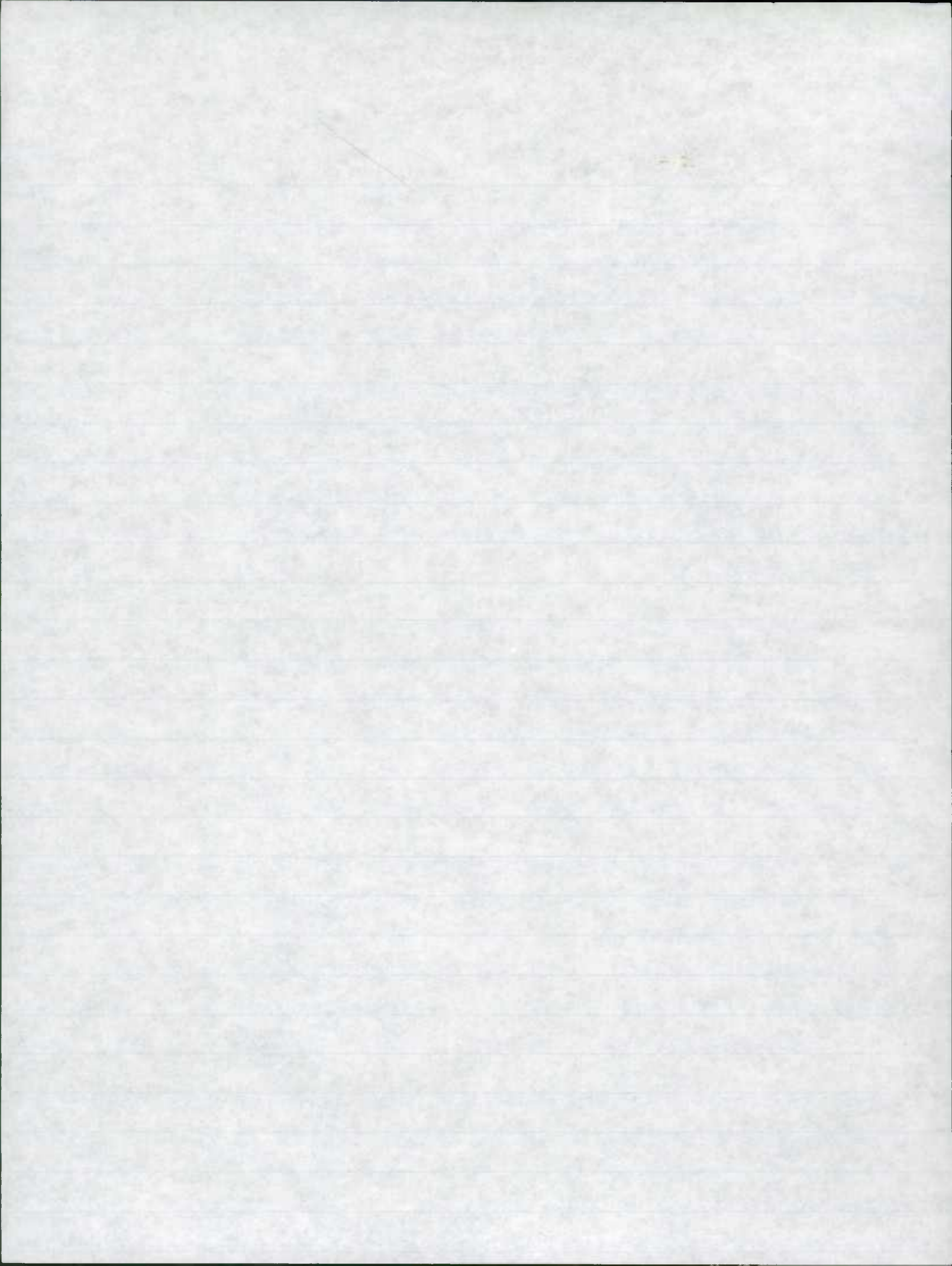
06 none-needed

08 303450000000
08 3034500000078
08 3034500000089

07 none need 3 2 more

08 3034500000107
08 3034500000162

08-13 none OK



- SMALL UNMAN -

Freeform Expression (12)

01 - none OK

02 - 3+ OK

03 - 3 OK

04 - 2 need more ✓

16

200040000208

05 - 1 need more ✓

16

200040000008

06-13 none OK

Other Principal Anterior (14)

01 - none OK

02 - 3+ OK

03 - 3+ OK

04 - 3+ OK

05 - 3+ OK

06 - 3+ OK

07 - 3+ OK

08 - 2 need more ✓

06

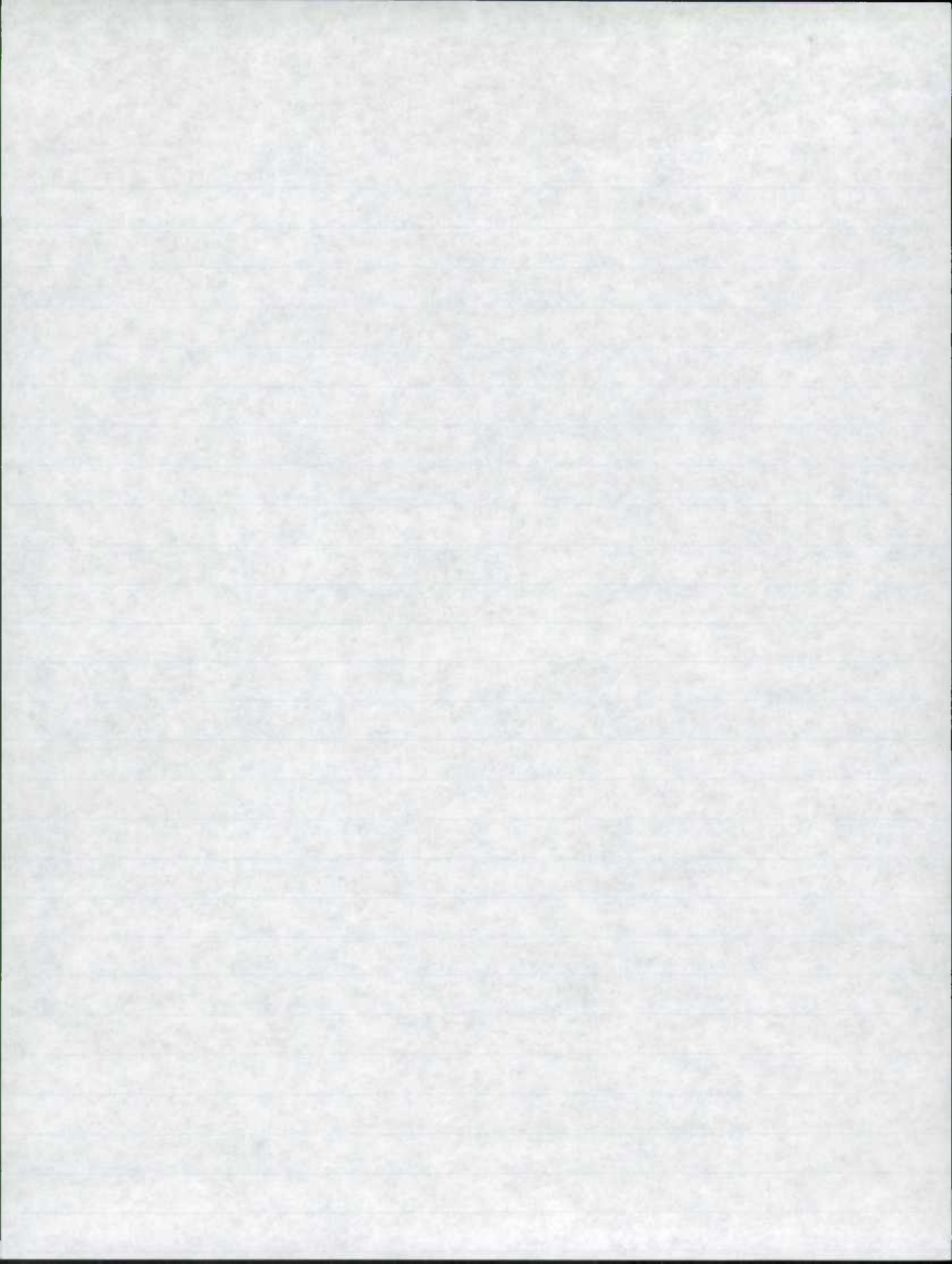
201400000612

09 - 3 OK

10 - 3+ OK

11 - 2-100% OK

12-13 none OK



3

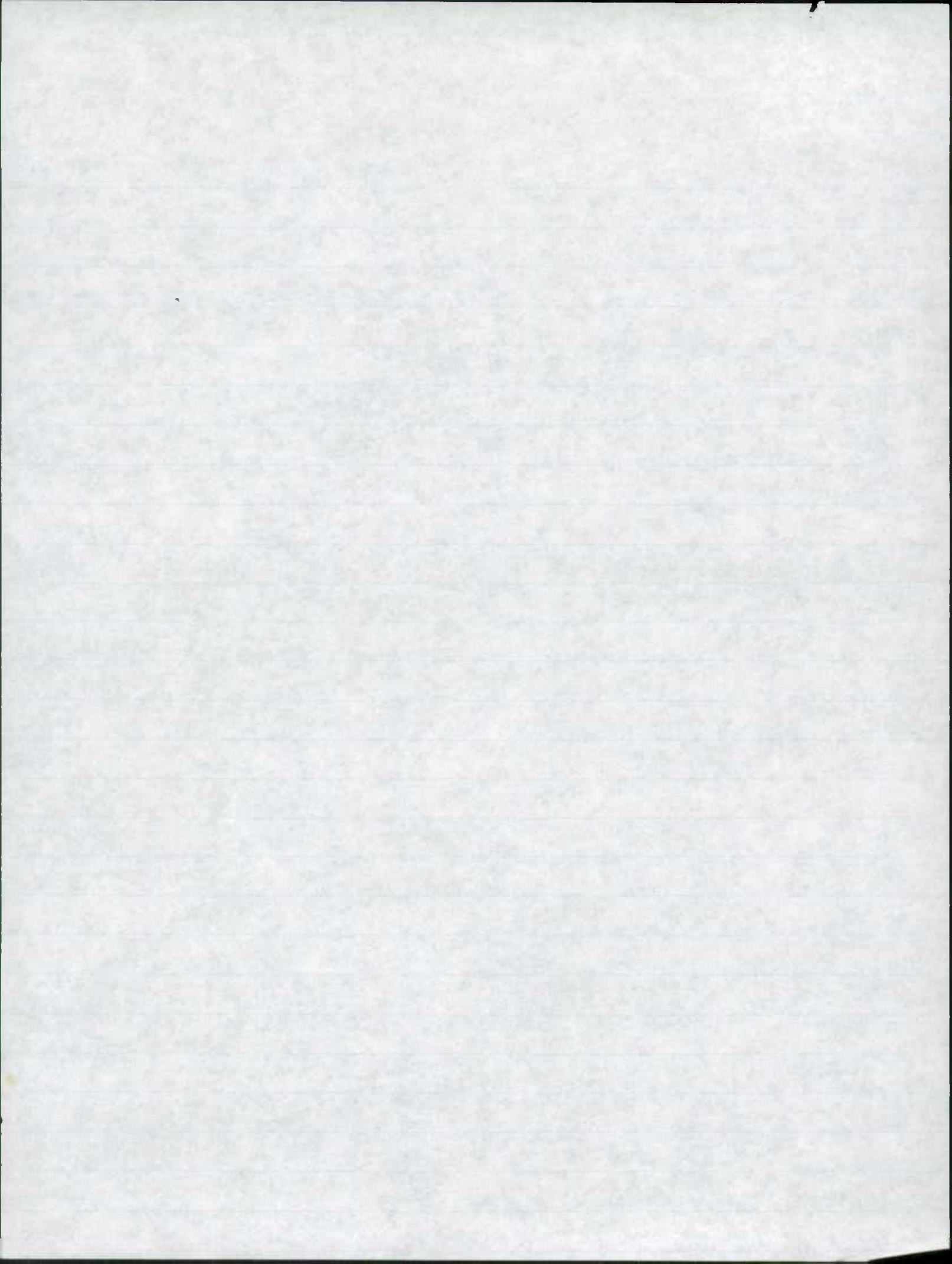
collector (07) unit +

07 2 need 1 ok

08 3+ OK

09-13 none OK

10 300760000111



Other Ant ANT (14)

- 06 - 3tok
- 07 3tok
- 08 3tok
- 09 3tok
- 10 3tok
- 11 3ok
- 12-13 none ok

MINOR ANTENNAL (16)

01	2 need 1 -	16	312120000005
02	1 need 2	16	309500000005
		16	309740000000

- 03 3tok
- 04 3tok
- 05 3tok
- 06 3tok
- 07 3tok
- 08 3tok
- 09 3tok
- 10-13 none ok

COLLECTOR (17)

- 01 3tok
 - 02 3tok
 - 03 3tok
 - 04 3tok
 - 05 2 need 1
 - 06 3tok
- | | |
|----|--------------|
| 16 | 312030000112 |
|----|--------------|

①

- UNKNOWN 00008 -

INTERSTAGE (11)

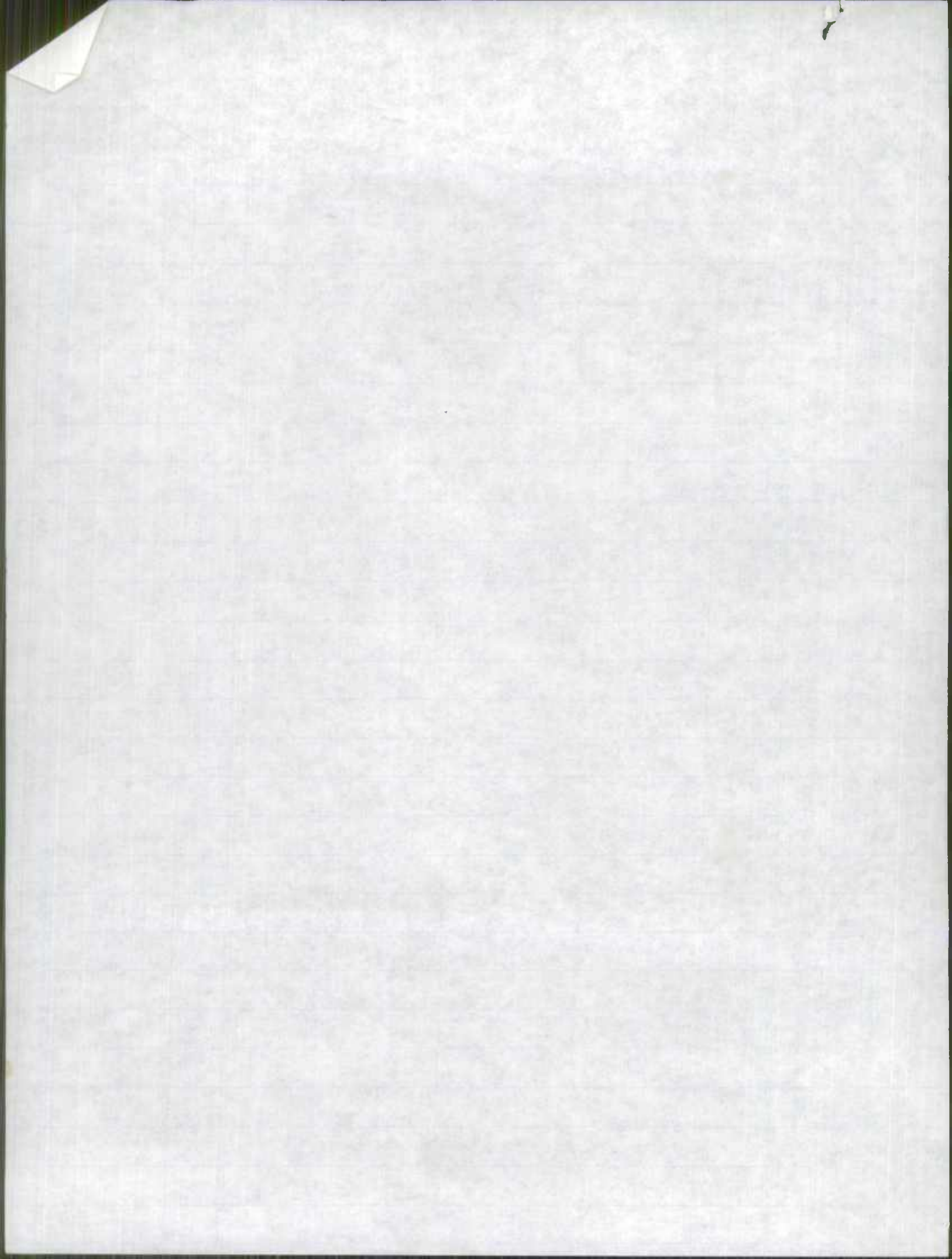
- 01 None OK
- 02 3 OK
- 03 3+ OK
- 04 3OK
- 05 3+OK
- 06 3OK
- 07 3+OK
- 08 3+OK
- 09 3OK
- 10-13 None OK

FREIGHT EXPRESS (12)

- 01 3+OK
- 02 3+OK
- 03 3+OK
- 04 3+OK
- 05 None OK
- 06 3+OK
- 07-13 None OK

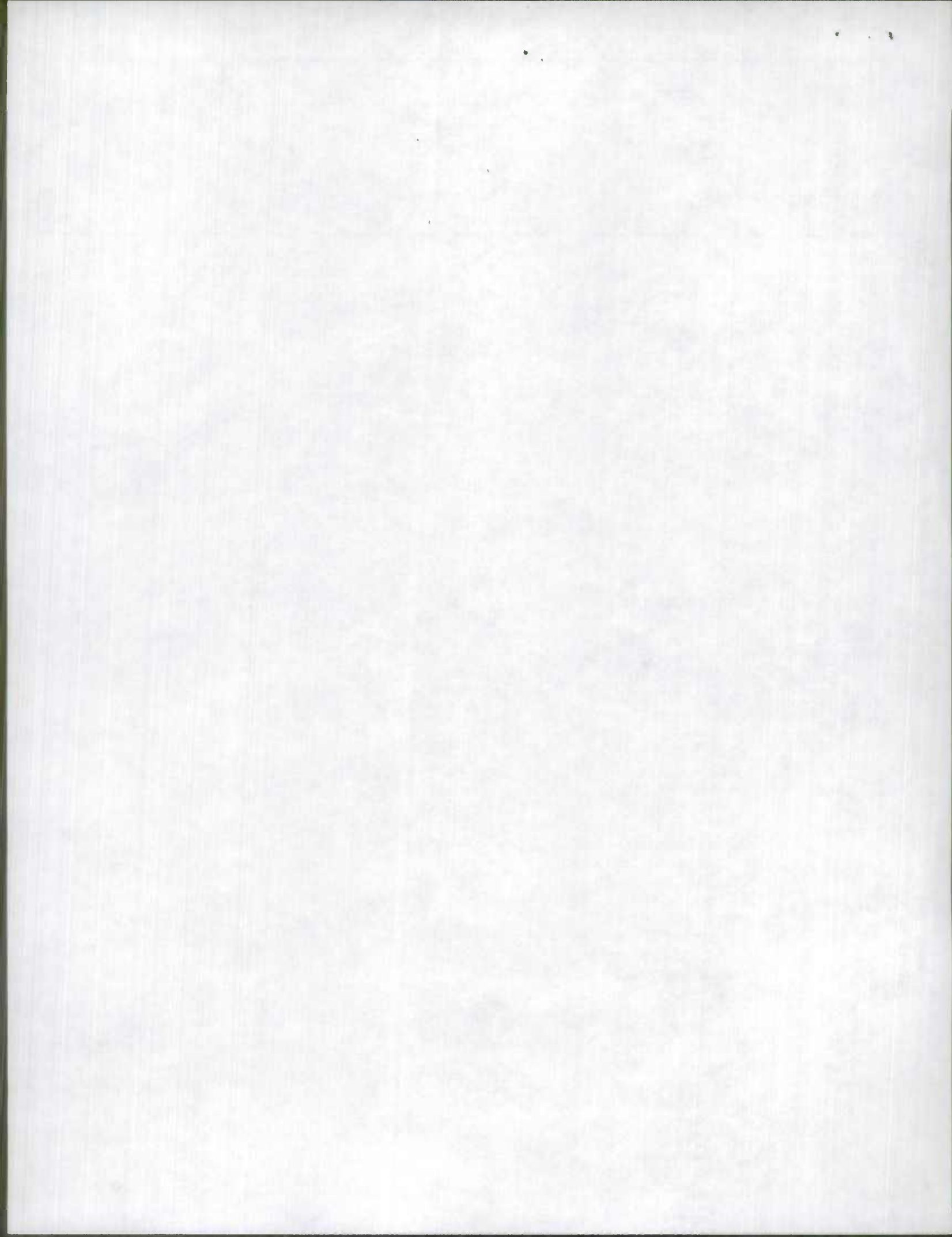
OTHER FREIGHT EXPRESS (14)

- 01 - None OK
- 02 3 OK
- 03 3 OK
- 04 3+OK
- 05 3+OK



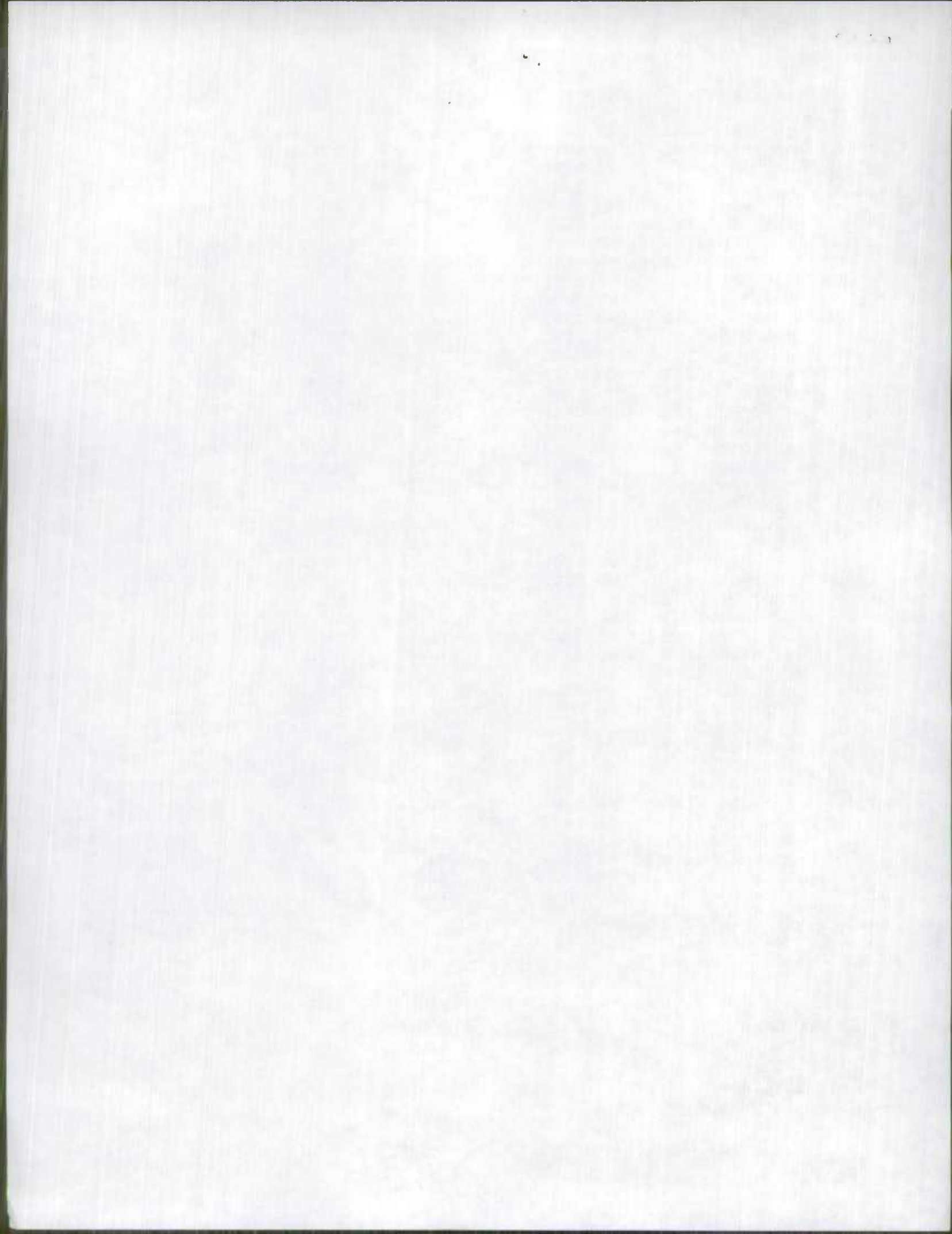
NEW SAMPLES FOR 1992

CO	SAMPLE NUMBER
01	200350000000
02	005950000535
02	005950000546
02	005950000668
02	201760000231
02	201760000269
02	201760000289
02	206650400000
02	610700030002
02	632200030057
03	201500000799
03	203720000181
03	307730000301
03	307730000313
03	308100000203
06	201400000781
07	100400001646
07	100400001716
07	200070300943
07	202790000108
07	202790000110
08	204880000000
10	000700001729
10	100406000000
10	200260000083
10	200260000125
10	200260000203
10	201800001449
10	203510000438
10	203550001008
10	203550001018
10	303240000991
10	304750000005
12	000950000863
12	201320000040
16	200040000052
16	200040000144
16	204500000470
16	204500000485
16	204500000491
22	613301330120
24	630409990157



NEW HPMS SAMPLES FOR 1992

CO	SAMPLE NUMBER	ROUTE	MP	LENGTH	END MP	F/C
01	200350000000	MD 0035	00.00	00.03	00.03	14
02	005950000535	IS 0595	05.35	00.11	05.46	11
02	005950000546	IS 0595	05.46	00.21	05.67	11
02	005950000668	IS 0595	06.68	00.20	06.88	11
02	201760000231	MD 0176	02.31	00.10	02.41	17
02	201760000269	MD 0176	02.69	00.20	02.89	17
02	201760000289	MD 0176	02.89	00.11	03.00	17
02	206650400000	MD 0665 D	00.00	00.02	00.02	16
02	610700030002	MU 1070 003	00.02	00.03	00.05	16
02	632200030057	MU 3220 003	00.57	00.64	01.21	17
03	201500000799	MD 0150	07.99	00.44	08.43	16
03	203720000181	MD 0372	01.81	00.13	01.94	16
03	307730000301	CO 0773	03.01	00.12	03.13	16
03	307730000313	CO 0773	03.13	00.10	03.23	16
03	308100000203	CO 0810	02.03	00.21	02.24	16
06	201400000781	MD 0140	07.81	00.19	08.00	14
07	100400001646	US 0040	16.46	00.70	17.16	14
07	100400001716	US 0040	17.16	00.27	17.43	14
07	200070300953	MD 0007 C	09.53	00.37	09.90	16
07	202790000108	MD 0279	01.08	00.02	01.10	14
07	202790000110	MD 0279	01.10	00.09	01.19	14
08	204880000000	MD 0488	00.00	00.52	00.52	14
10	000700001729	IS 0070	17.29	00.51	17.80	11
10	100406000000	US 0040 FA	00.00	00.07	00.07	14
10	200260000083	MD 0026	00.83	00.22	01.05	14
10	200260000125	MD 0026	01.25	00.40	01.65	14
10	200260000203	MD 0026	02.03	00.17	02.20	14
10	201800001449	MD 0180	14.49	00.14	14.63	17
10	203510000438	MD 0351	04.38	00.24	04.62	17
10	203550001008	MD 0355	10.08	00.10	10.18	16
10	203550001018	MD 0355	10.18	00.14	10.32	16
10	303240000991	CO 0324	09.91	00.27	10.18	16
10	304750000005	CO 0475	00.05	00.74	00.79	17
12	000950000863	IS 0095	08.63	01.02	09.65	01
12	201320000040	MD 0132	00.40	00.11	00.51	16
16	200040000052	MD 0004	00.52	00.92	01.44	12
16	200040000144	MD 0004	01.44	00.27	01.71	12
16	204500000470	MD 0450	04.70	00.15	04.85	16
16	204500000485	MD 0450	04.85	00.06	04.91	16
16	204500000491	MD 0450	04.91	00.08	04.99	16
22	613301330120	MU 1330 133	01.20	00.03	01.23	16
24	630409990157	MU 3040 999	01.57	00.10	01.67	14



1992 SAMPLE DELETIONS

001 3033300000000 FUNCTIONAL CLASS NOW LOCA.

001 623300410004

001 639350410003

003 202530100000

003 202530100006

003 202530100017

005 3006700000009

005 3010800000000

005 301080000122

005 3036400000000

005 3050400000050

005 3117900000029

005 3118100000000

005 7002100000000

013 302850000246

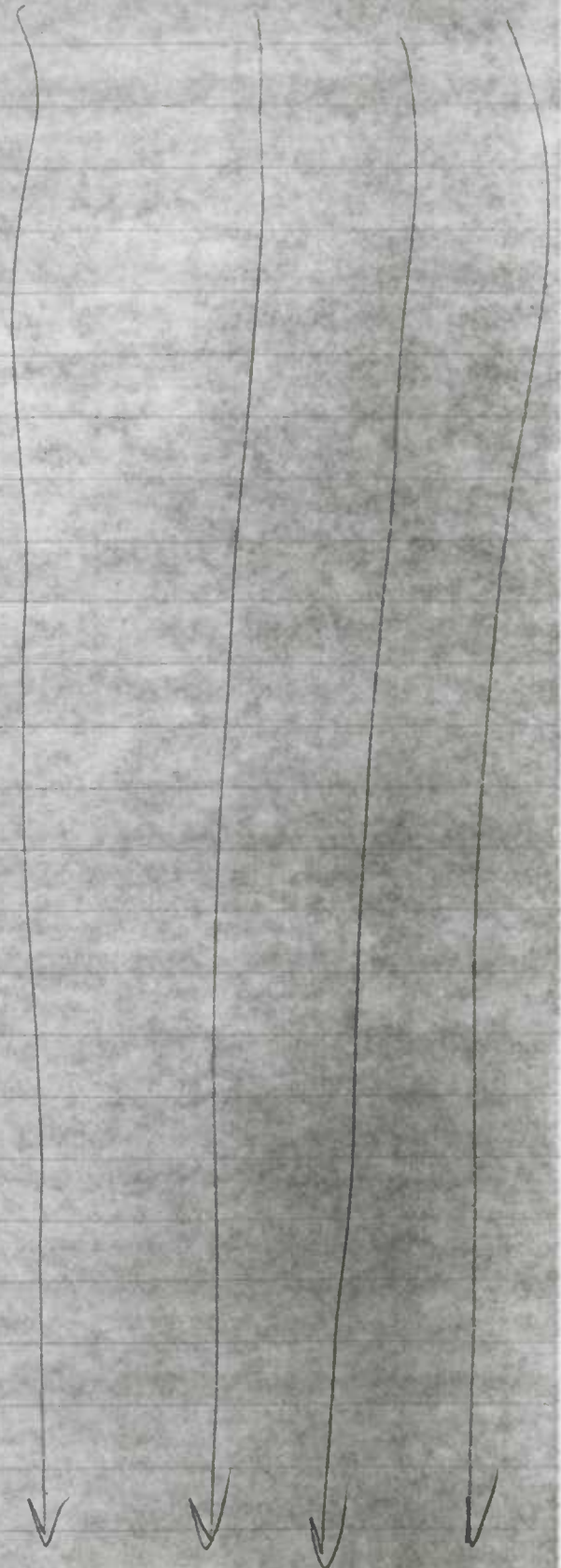
021 604300570025

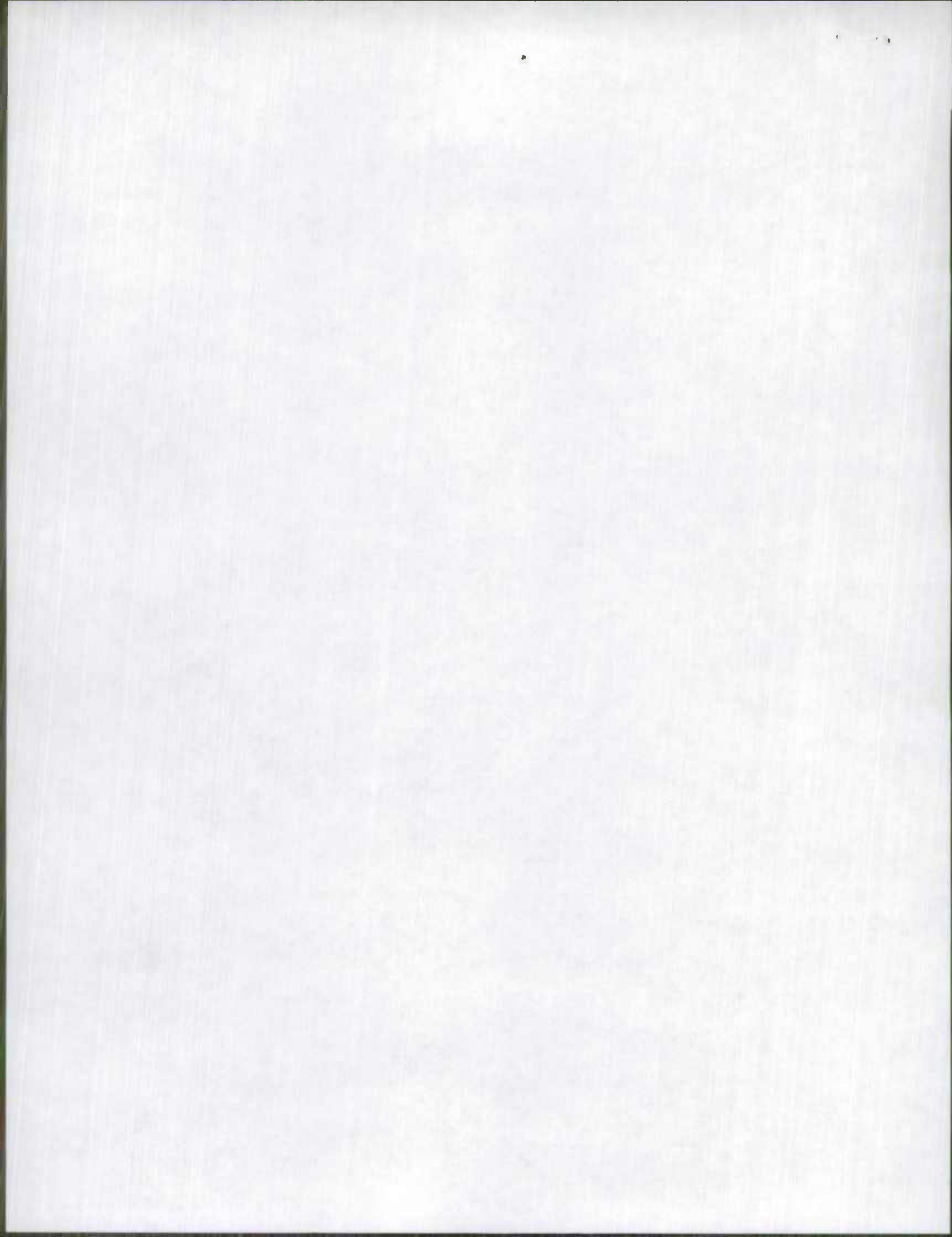
023 3009200000076

023 3034200000000

027 3001500000000

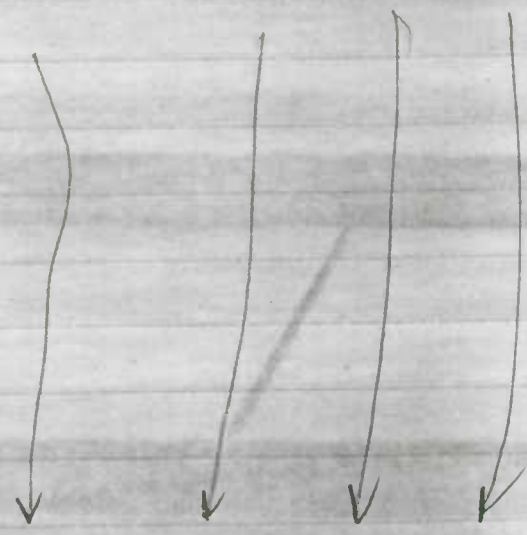
027 3121400000000

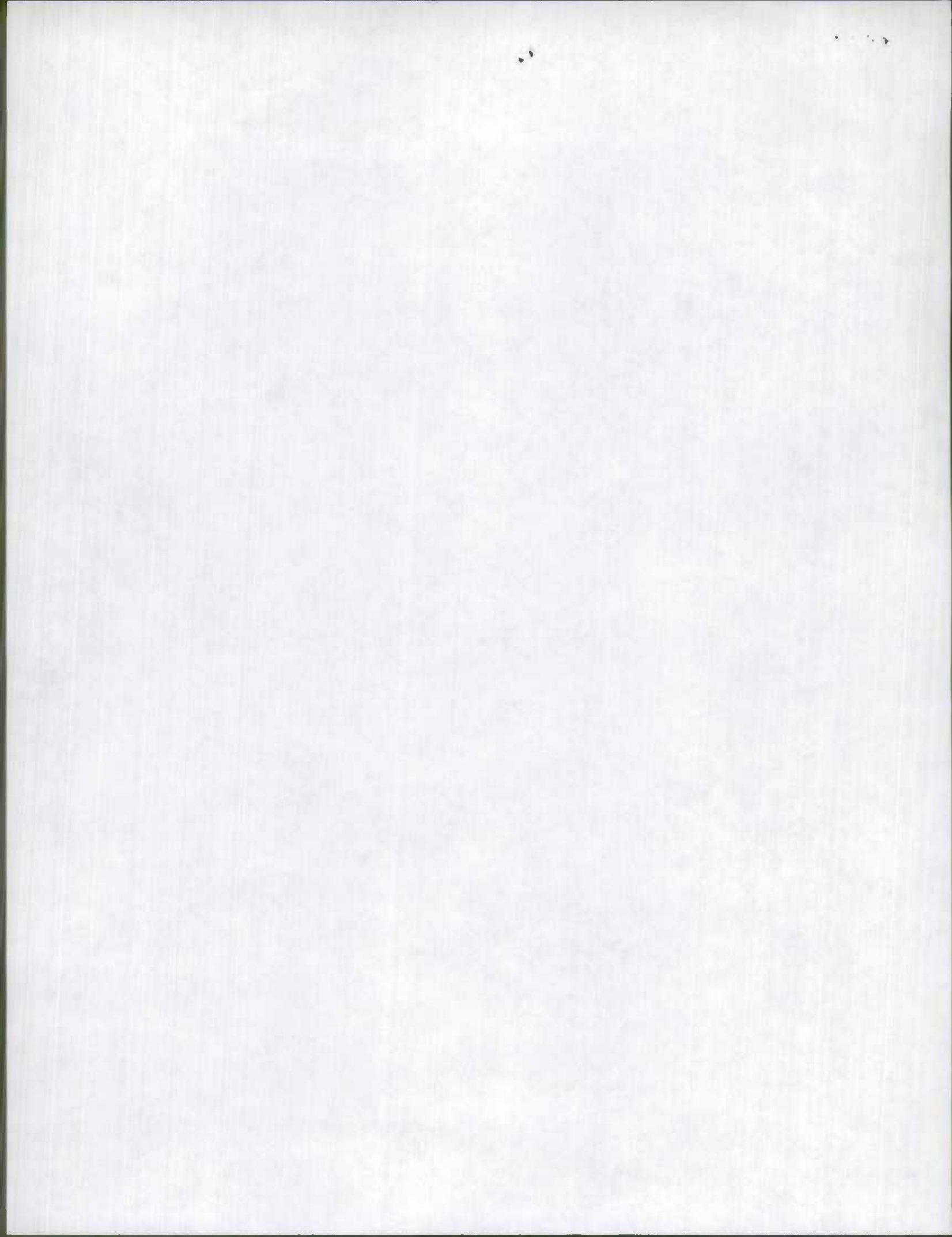




1992 SAMPLE DELETIONS

029	20443000 0000	FUNCTIONAL CLASS NOW LOCAL
029	30033000 0000	
031	20118000 0659	
031	60070030 0000	
031	60170130 0000	
031	80028000 0471	
033	69415082 0000	
510	61380999 0000	ROAD SCANNED
510	61381999 0000	ROAD SCANNED





AUTO MIBAN (00012)

F/C (11)

- 1/6 (1) 3 + OK
- (2) 3 + OK
- (3) 3 + OK
- (4) 3 + OK
- (5) 3 + OK
- (6) 3 + OK
- (7) 3 + OK
- (8) 3 + OK

(9) thru (10) none OK

F/C (12)

- 1/6 (1) 3 + OK
- (2) 3 + OK
- (3) 3 + OK
- (4) 2 - 10090 OK
- (5) 3 + OK

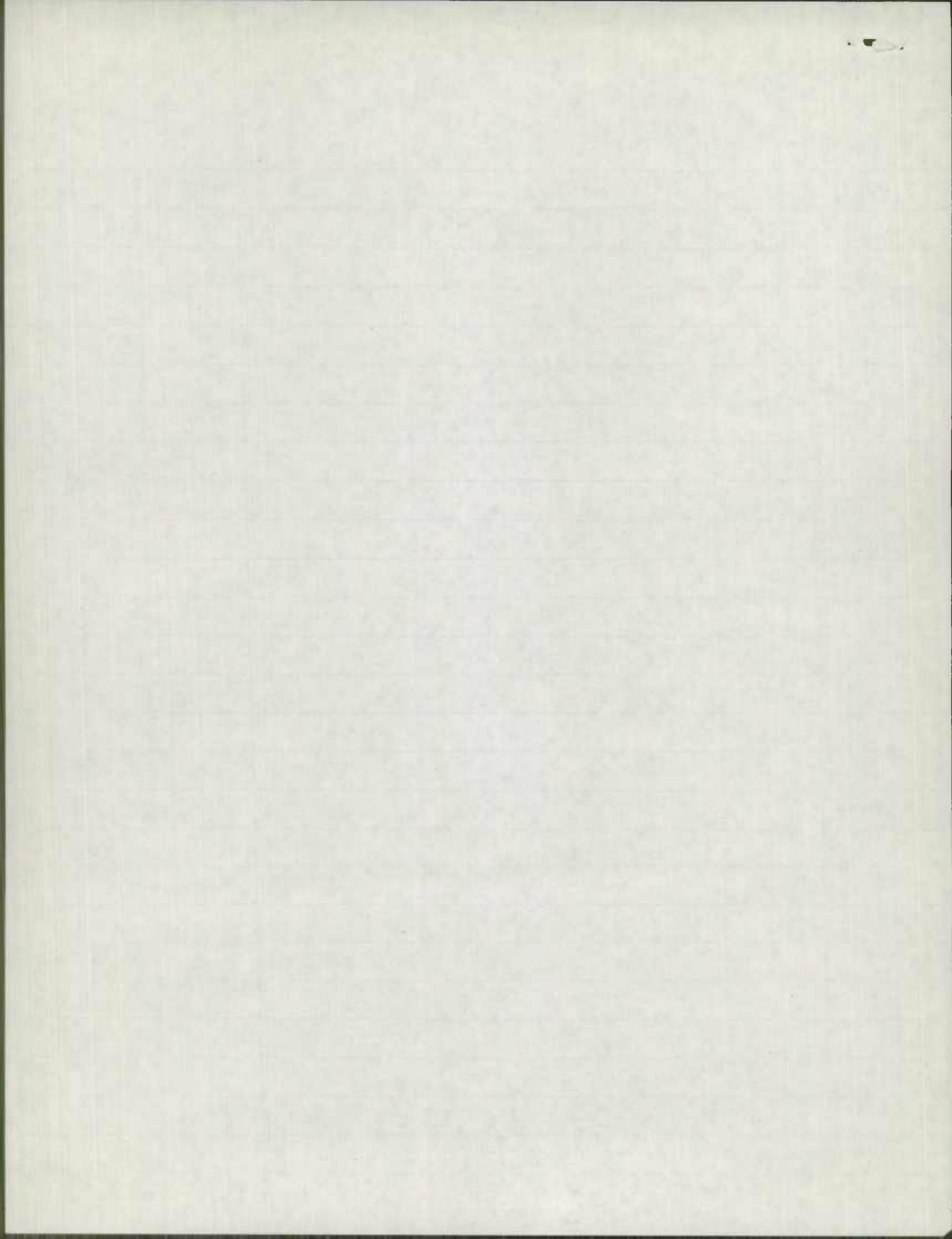
(6) thru (10) none OK

F/C (14)

- (1) none OK
- (2) 1 - 10090 OK
- (3) 3 + OK
- (4) 3 + OK
- (5) 3 + OK
- (6) 3 + OK

- (7) 3 + OK
- (8) 3 + OK
- (9) 1 - need 2
- (10) 3 + OK
- (11) thru (13) none OK

003 20002 0002495 .21
 003 2002 0002526 .18



MULTI MEMBER (00012)

F/C 16

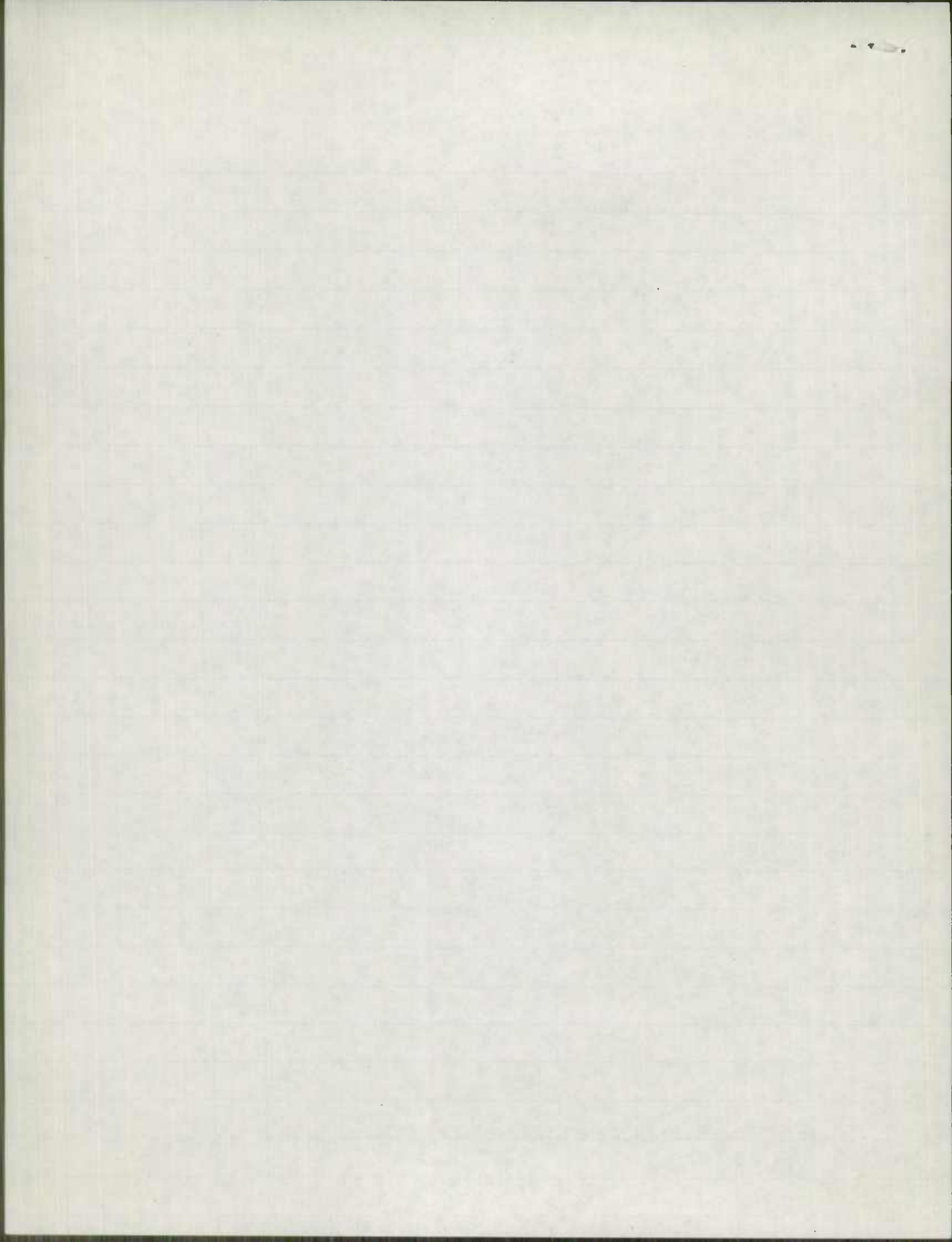
- 11/16 ① 3+OK
- ② 3+OK
- ③ 3+OK
- ④ 3+OK
- ⑤ 3+OK
- ⑥ 3+OK
- ⑦ 3+OK
- ⑧ 3+OK
- ⑨ none need 3

005 3546000000001 - .14 005 3546000000031 - .76
 005 3540000000015 - .16

- ⑩ 2 need 1 - 510 2029500000313 - .12
- ⑪ thru ⑮ none OK

F/C 17

- 11/17 ① 3+OK
- ② 3+OK
- ③ 3+OK
- ④ 3+OK
- ⑤ 3+OK
- ⑥ 3+OK
- ⑦ 3+OK
- ⑧ thru ⑮ none OK



ELKTON (00043)

F/C 11

- 1/6 ① none ok
- ② none ok
- ③ 2-100% ok

④ thru ⑮ none ok

F/C 17

- 1/6 ① 3 tok
- ② 3 tok
- ③ 3 ok

④ thru ⑮ none ok

F/C 12

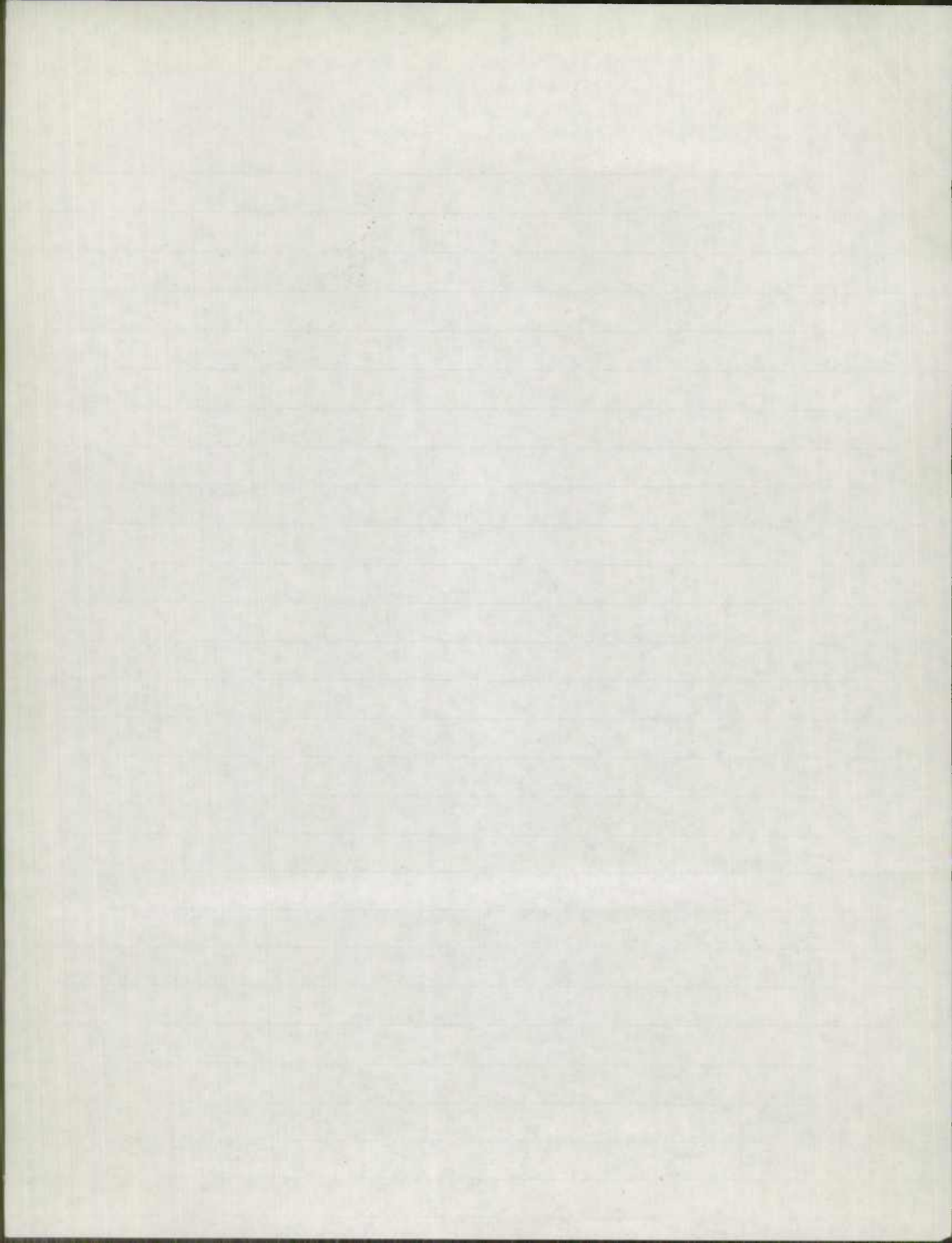
- 1/6 ① 3 tok
- ② thru ⑮ none ok

F/C 14

- 1/6 ① & ② none ok
- ③ 3+ ok
- ④ 3 ok
- ⑤ 2-100% ok
- ⑥ 3+ ok
- ⑦ 3+ ok
- ⑧ thru ⑮ none ok

F/C 16

- 1/6 ① 2-100% ok
- ② 3 tok
- ③ 3 ok
- ④ thru ⑮ none ok



URBAN 284

F/C 11

Vol 1 - none

Vol 2 - OK

Vol 3 - need 1 21 000810000362 ✓

4-12 - none

F/C 14

Vol 1 - none

Vol 2 - of

Vol 3 - OK

Vol 4 - of

Vol 5 - of

Vol 6 - none

Vol 7 - need 2 21 100400003705 X 21 100400003739 ✓

8-12 - none

F/C 16

Vol 1 - of

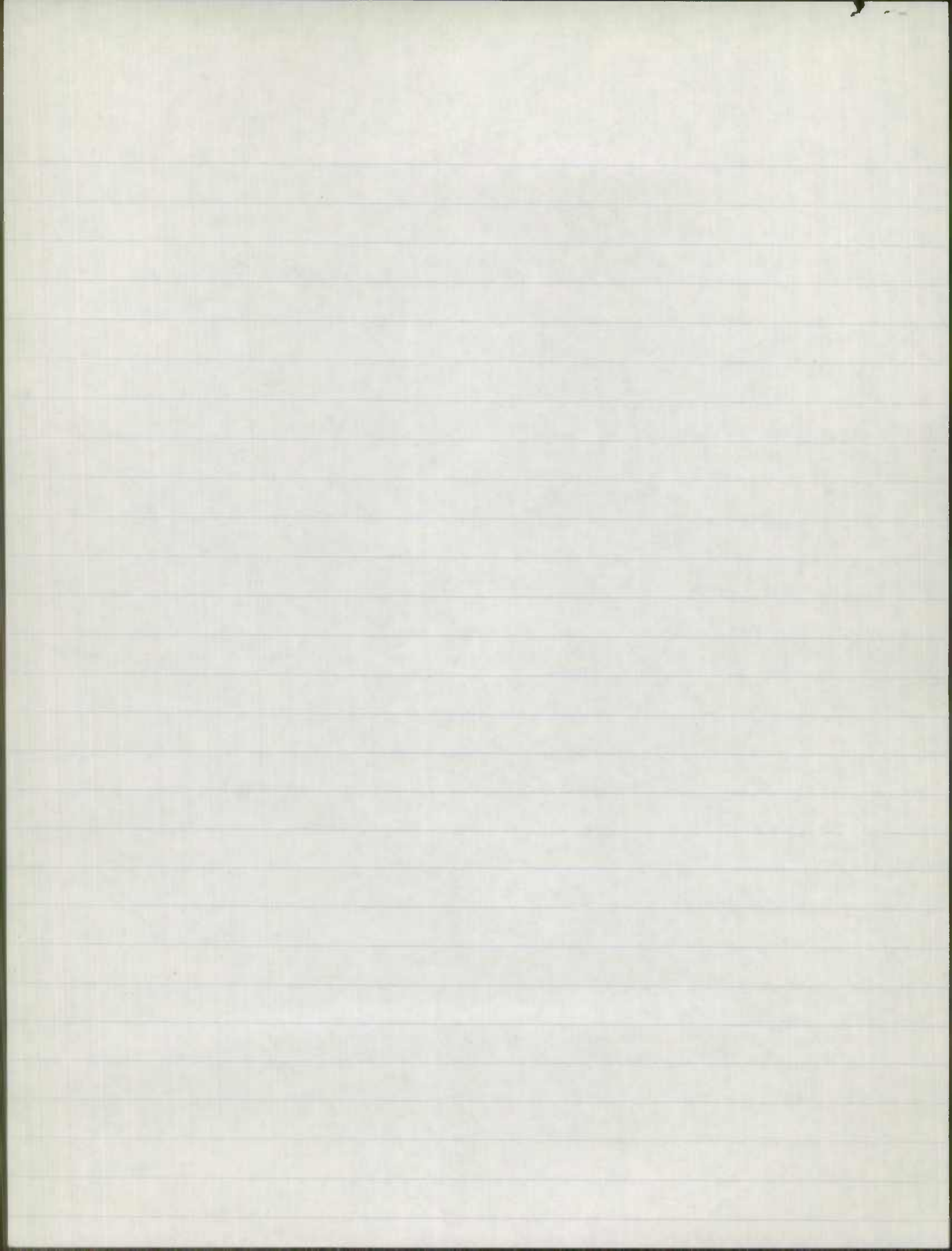
2 - of

3 - OK

4 - OK

5 - OK

6-12 - none



F/C 17

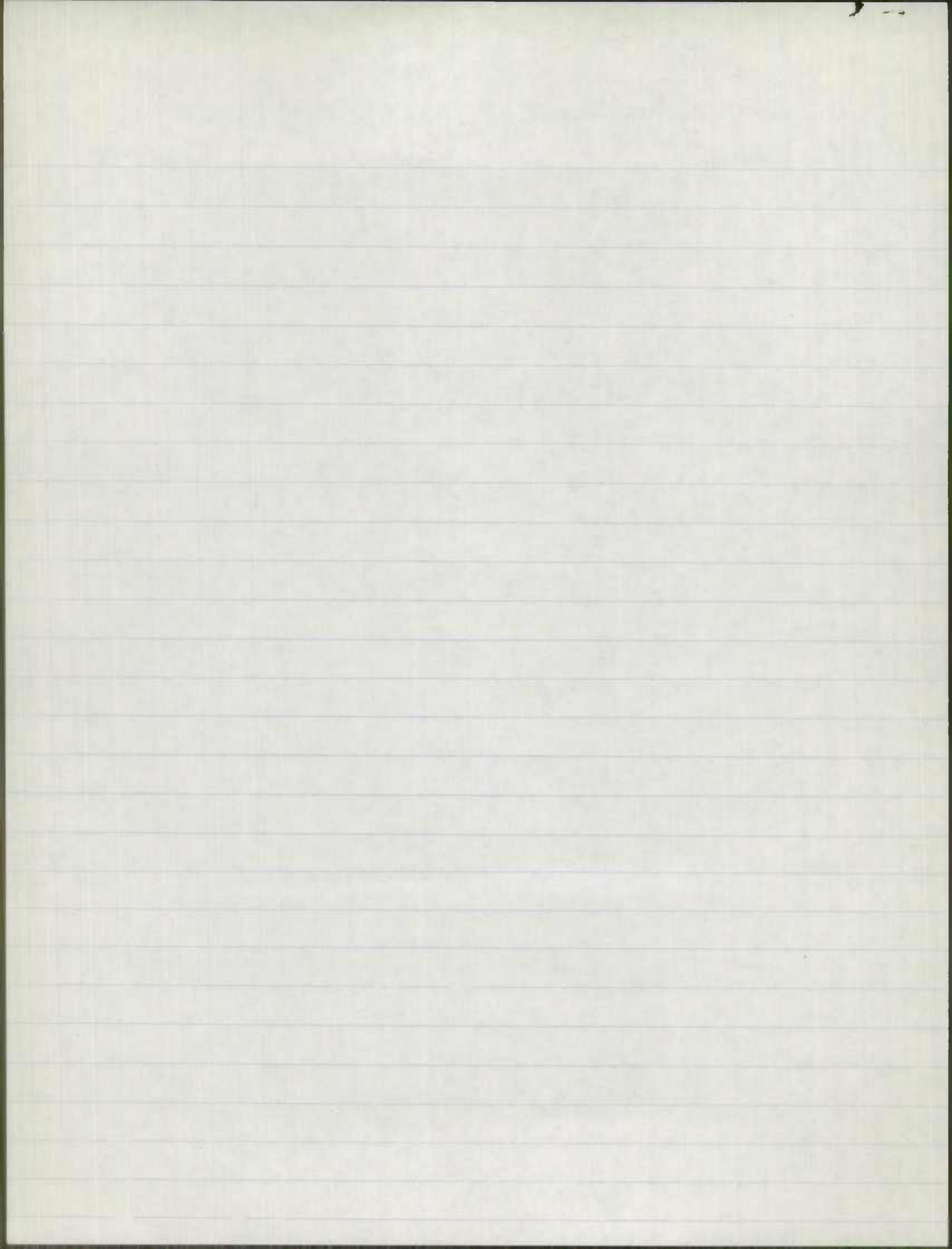
1011 - ok

2 - ok

3 - of

4 - of

5 - of



URBAN 331

F/c 11

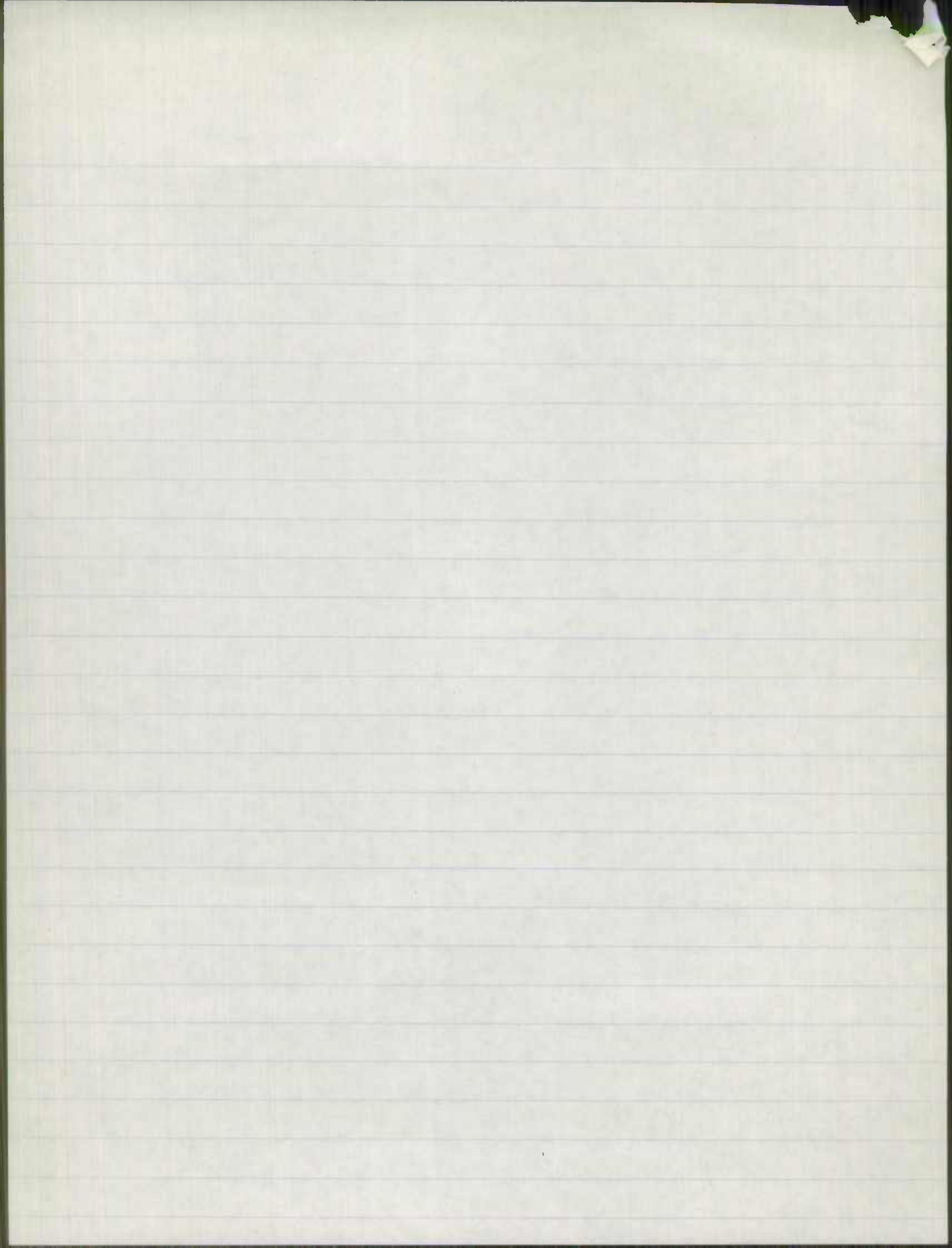
vol 1 - none
2 - of 100
3 - of
4 - of
5 - of 100
6-12 - none

Fc 12

vol 1 - none
2 - of
3-4 - none
5 - of 100
6-12 - none

Fc 14

vol 1 - of 100
2 - none
3 - of
4 - of
5 - of
6 - of 100
7 - of
8 - of
9-12 - none



FC 16

Vol 1 - of 100

Vol 2 - of 100

Vol 3 - of

Vol 4 - of

Vol 5 - of

6 -

02

3 27490000485

02

3 27490000569

7 - of

8 - of

9-12 - non



FC 17

Vol 1 - of

2 - of

3 - of

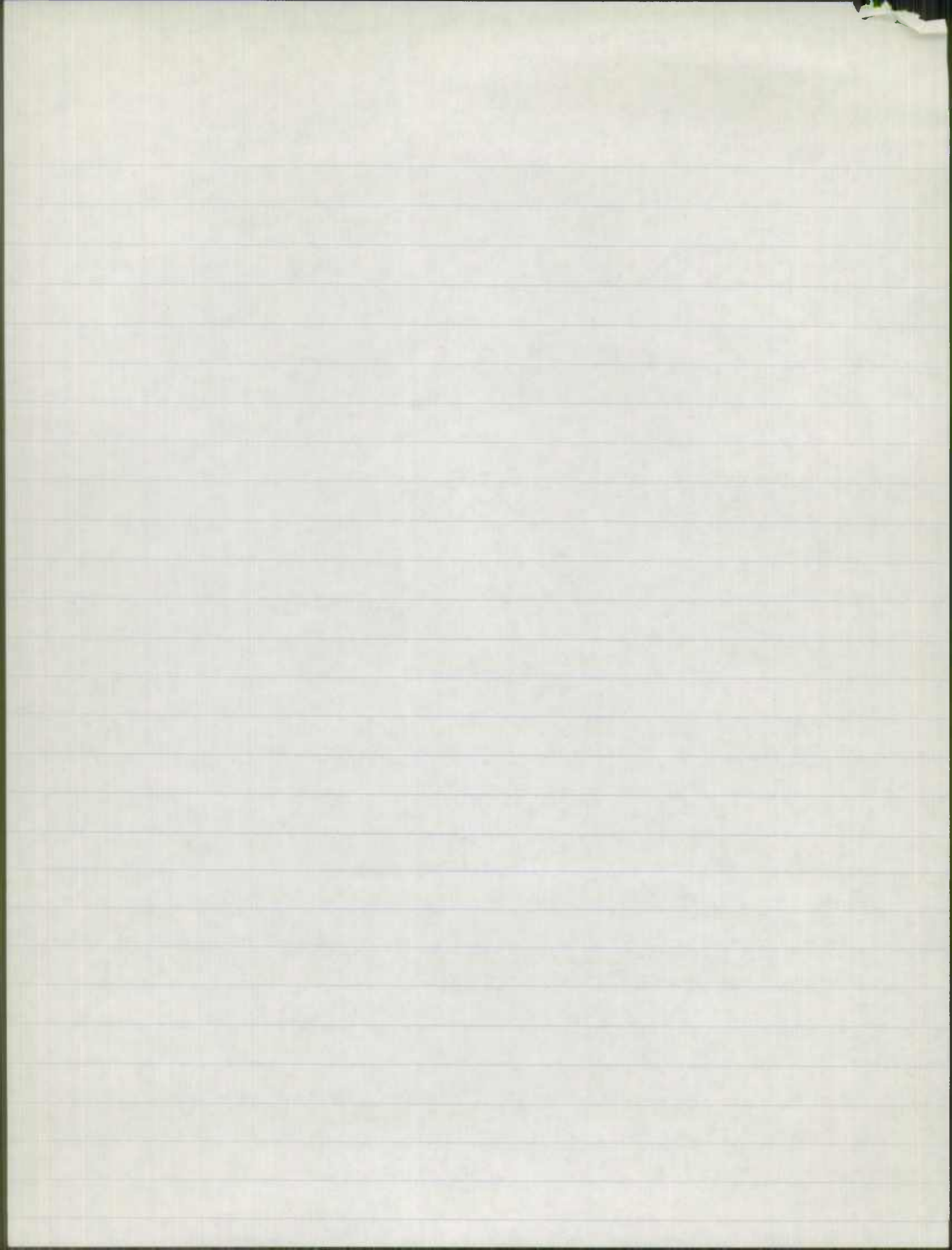
4 - of

5 - of

6 - of

7 - of

8 - of 100



UNDAW 285

F/C 11

001 1 - of

2 - of

3-12 - none

F/C 14

001 1 - none

2 - of

3 - of

4 - of

5 - of

6-12 - none

F/C 16

001 1 - of

2 - of

3 - of

4 - of

5-12 - none

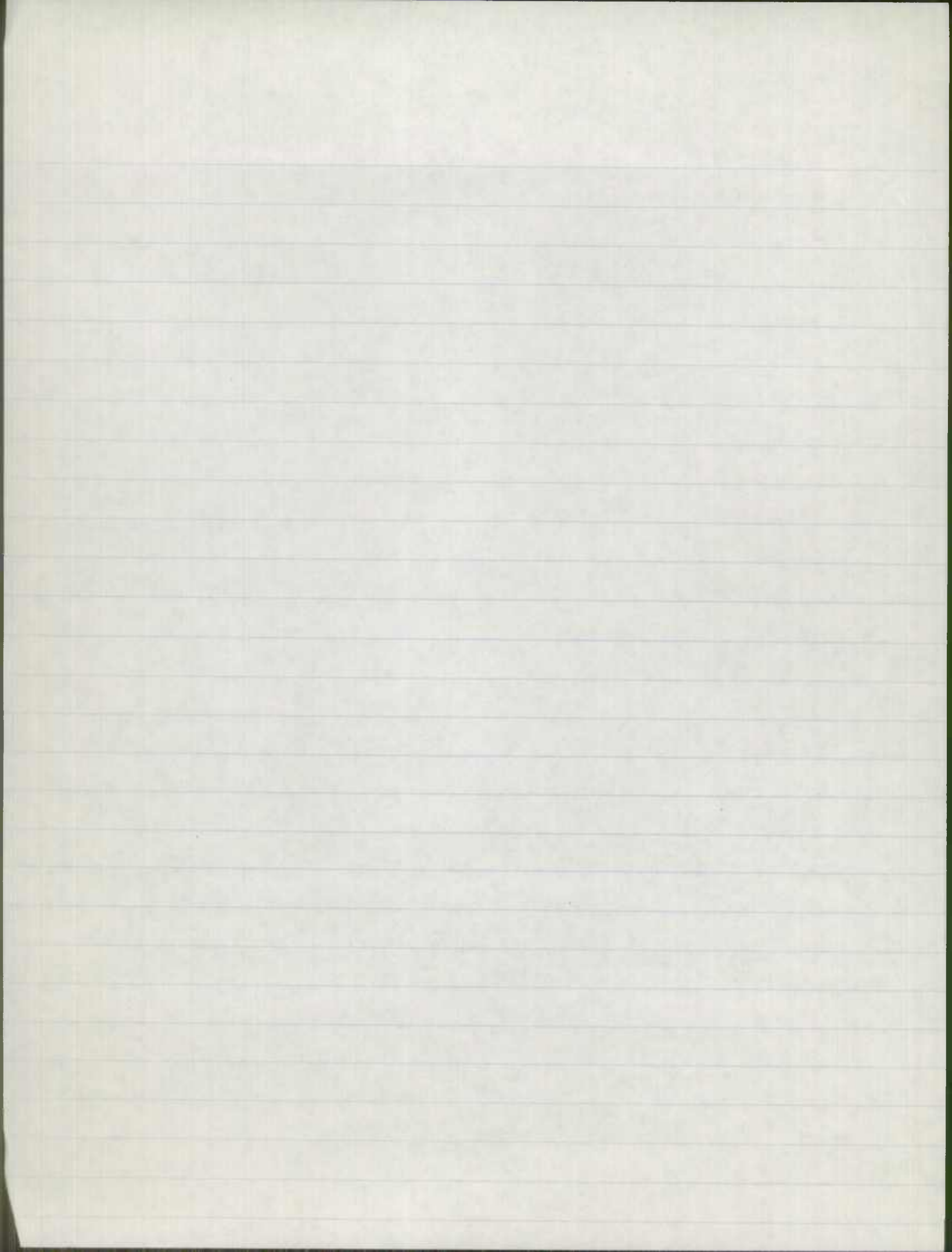
F/C 17

001 1 - of

2 - of

3 - of

4-12 none



URBAN 388

F/C 11

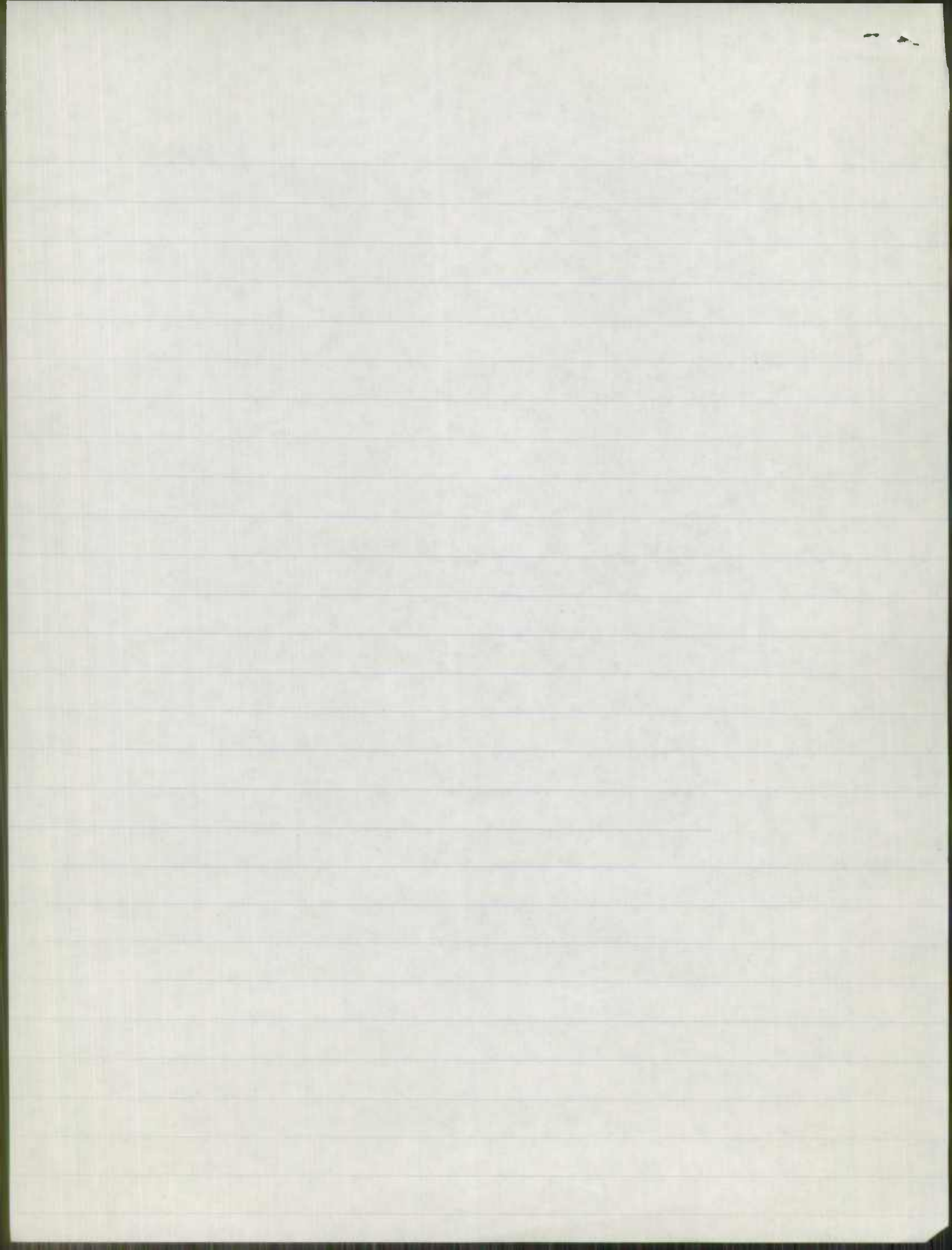
Vol 1 - none
2 - of
3 - of
4-12 - none

F/C 12

Vol 1 - 10 200260000000 X
10 200260000054 X
2 - of
3 - of
4 - of 100
5-12 - none

F/C 14

Vol 1 - none
2 - of
3 - of
4 - of
5 - 10 201940000207 X
6 - 10 100150200600 X
10 10002051001 X
7 - of
8 - none
9 - of
10-12 - none



F/C 14

not 1 - run

2 - of

3 - of

4 - of

5 - of

6 - of

7 - of

8 - of

9 - of

10 - of

11 - of

12 - run

F/C 16

not 1 - of

2 - of

3 - of

4 - of

5 - of

6 -

15

201910600821

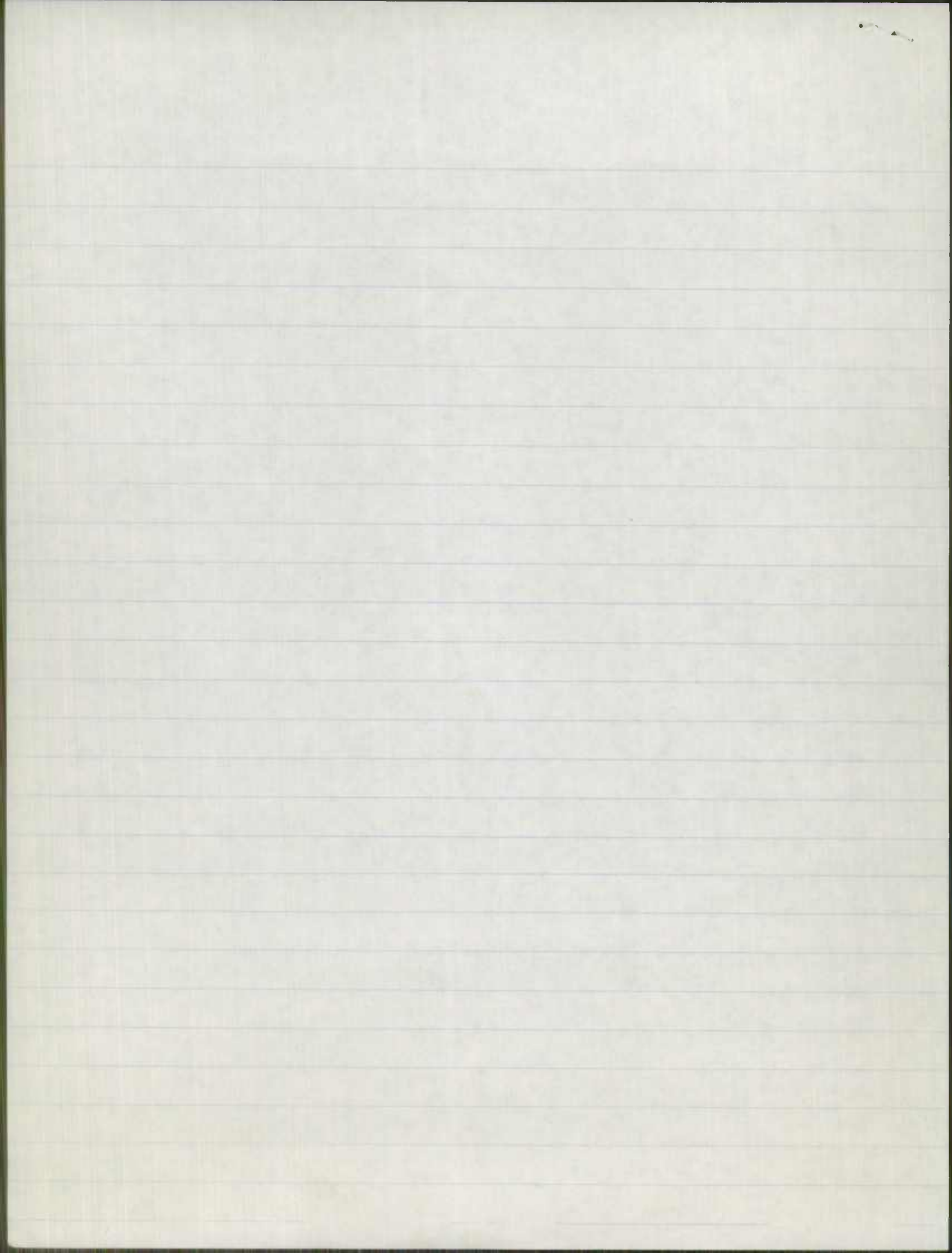
X

7 - of

8 - of

9 - of

10-12 - run



WASH URBAN

F/C 11

vol 1 - of

2 - non

3 - of

4 - of

5 - need 3 - 15

002700001104

X

15

002700001147

X

15

002700001130

X

6 - ok

7 - of

8 - of

9 -

16

00095000 2392

X

10 - ok

11-12 - non

F/C 12

vol 1 - of

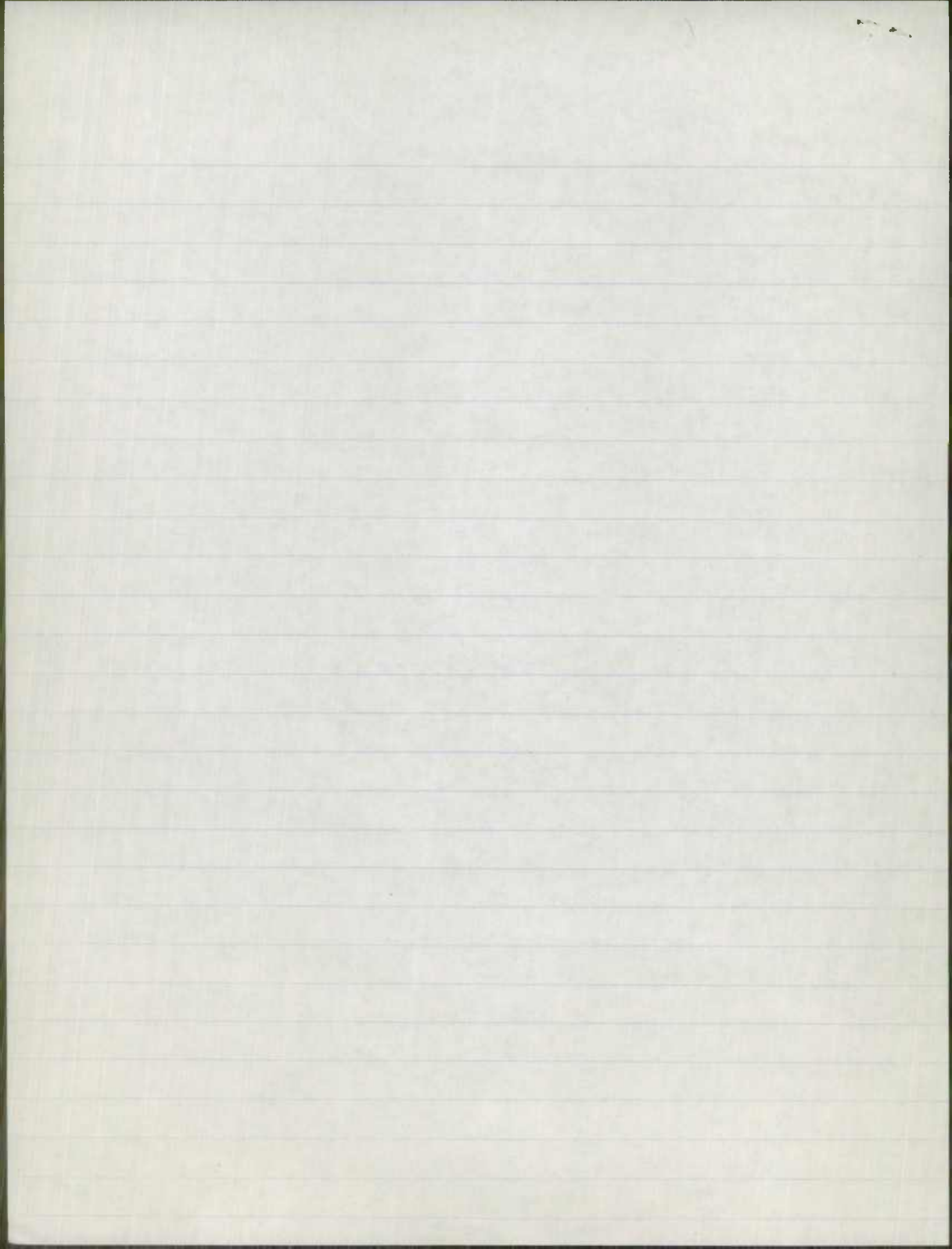
2 - of

3 - of

4 - of

5 - of

6 - of



F/C 14

not 1 - non

2 - 100

3 - of

4 - of

5 - of

6 - of

7 - of

8 - of

9 - of

10 - of

11 - of

12 - non

F/C 16

not 1 - of

2 - of

3 - of

4 - of

5 - of

6 -

15

201910600821

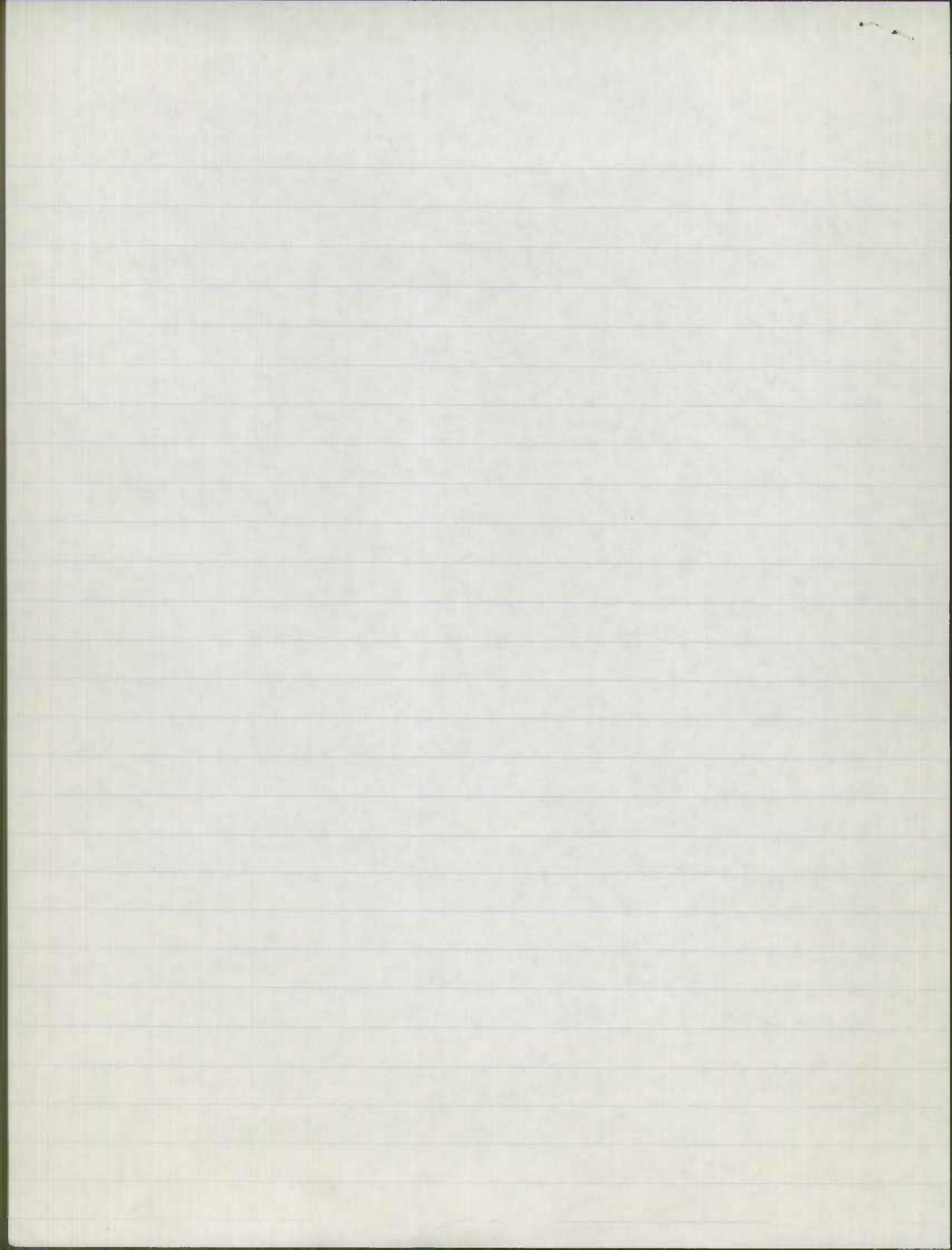
X

7 - of

8 - of

9 - of

10-12 - non



F/c 17

Vol 1 - of

2 - of

3 - of

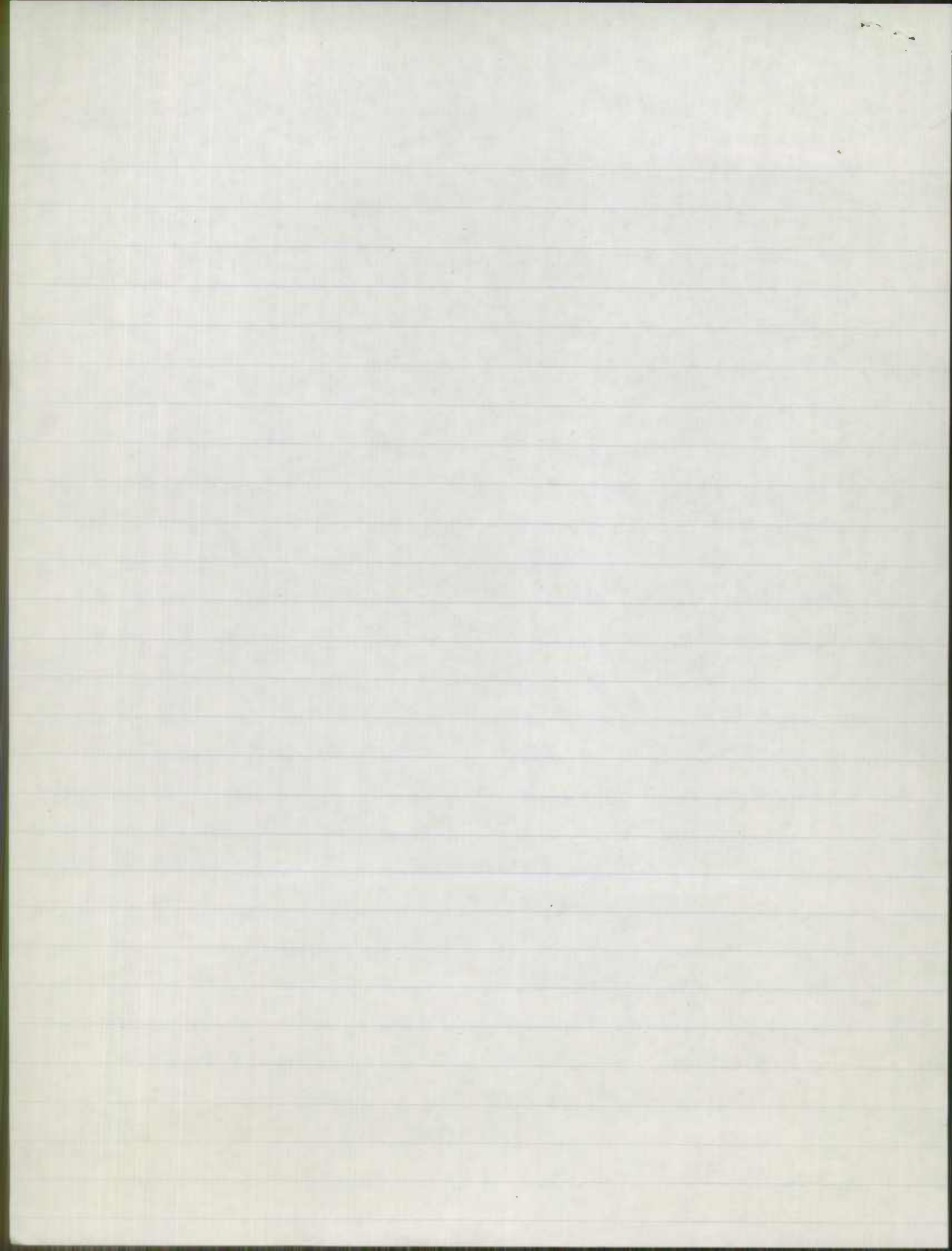
4 - of

5 - of

6 - of

7 - of

8 - of 100%



Small URBAN

F/c 11 - none

F/c 12

vol 1 - none

2 - of

3 - of

4 - 16 200040000000 ✓

5 - of
(6THM13) none ok

F/c 14

vol 1 - 20 203220000381 ✓

2 - ok

3 - of

4 - of

5 - of

6 - of

7 - of

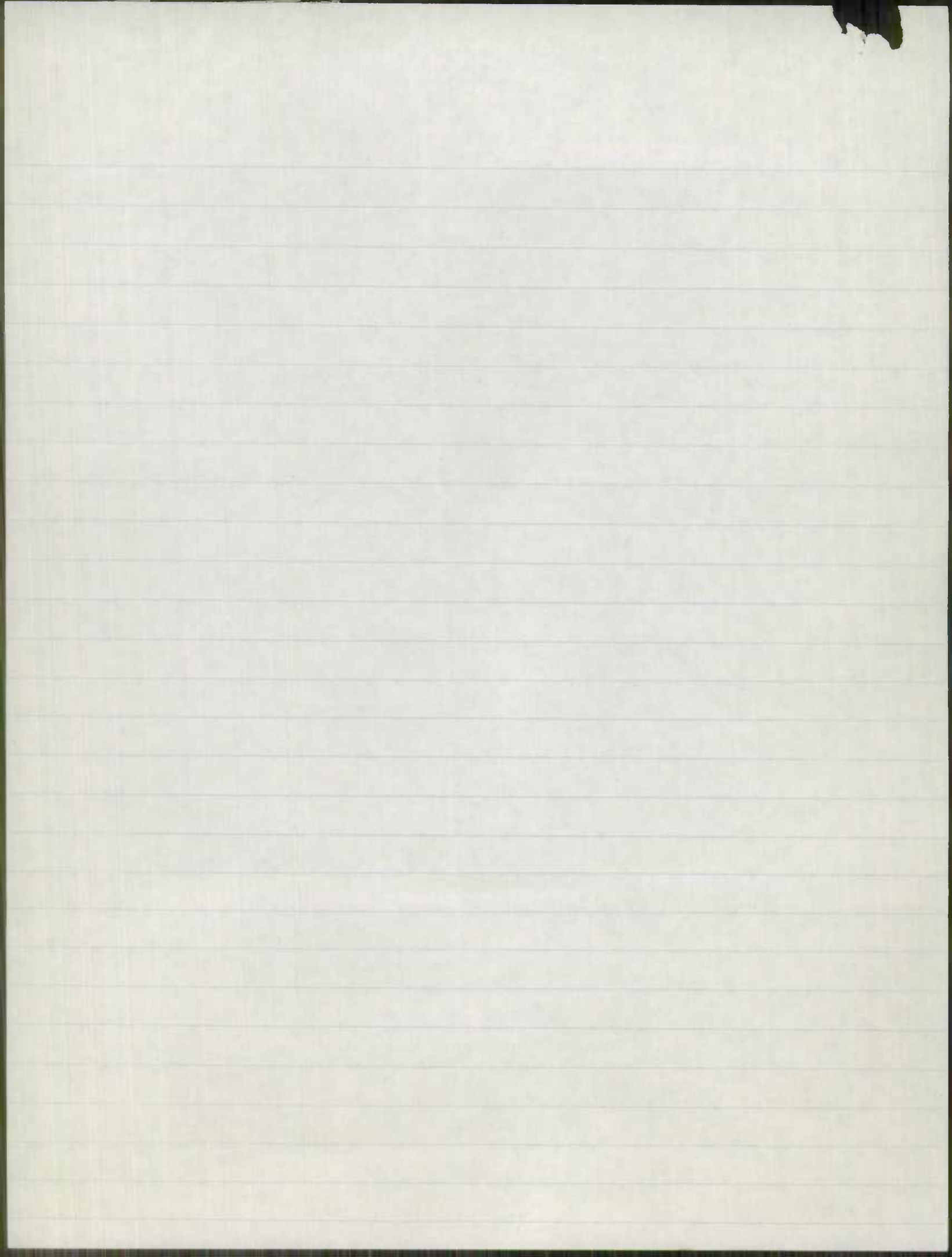
8 - of 100

9 - none

10 - of

11 - of 100

12 - of 100

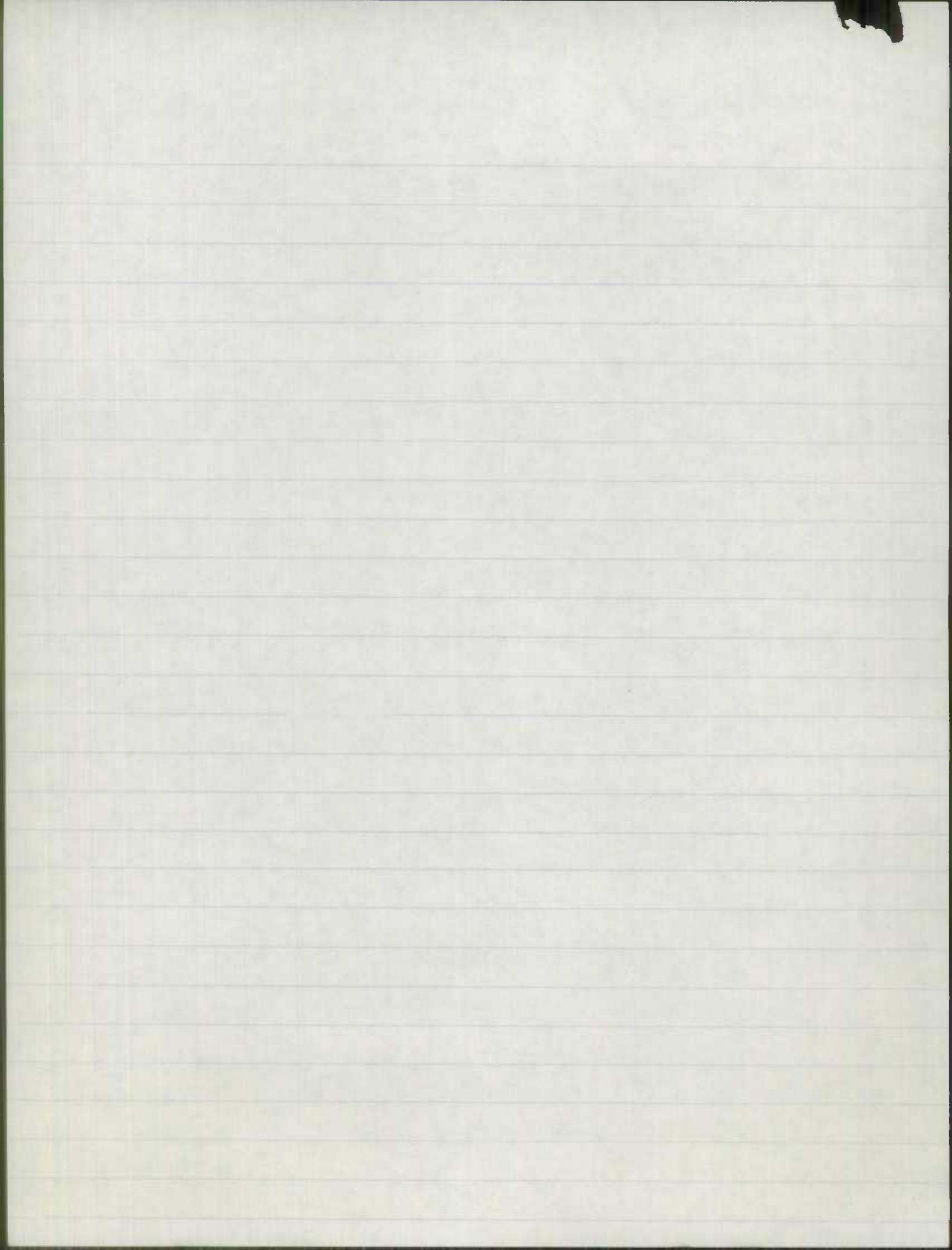


FC 16

- Vol 1 - of
- 2 - K
- 3 - f.
- 4 - ok.
- 5 - ok
- 6 - ok
- 7-12 - none

F 17

- Vol 1 - f.
- 2 - ok.
- 3 - f
- 4 - f
- 5 - f
- 6 - of
- 7 - of - 100%
- 8 - 08 303450006341
- 9-12 - none



Runup

F/C 01

- v6 ① 3 OK
- ② 3+OK
- ③ 3+OK
- ④ 3+OK
- ⑤ 3+OK
- ⑥ 3+OK
- ⑦ 3+OK
- ⑧ 2-100% OK
- ⑨ thru ⑪ none OK
- ⑫ 3+OK
- ⑬ none OK

F/C 02

- v6 ① 3+OK
- ② 3+OK
- ③ 3+OK
- ④ 3+OK
- ⑤ 3+OK
- ⑥ 3+OK
- ⑦ 3+OK
- ⑧ 1-need ⑩
17 10050000189
12200050017
- ⑨ 1-100% OK
- ⑩ thru ⑬ none OK

F/C 06

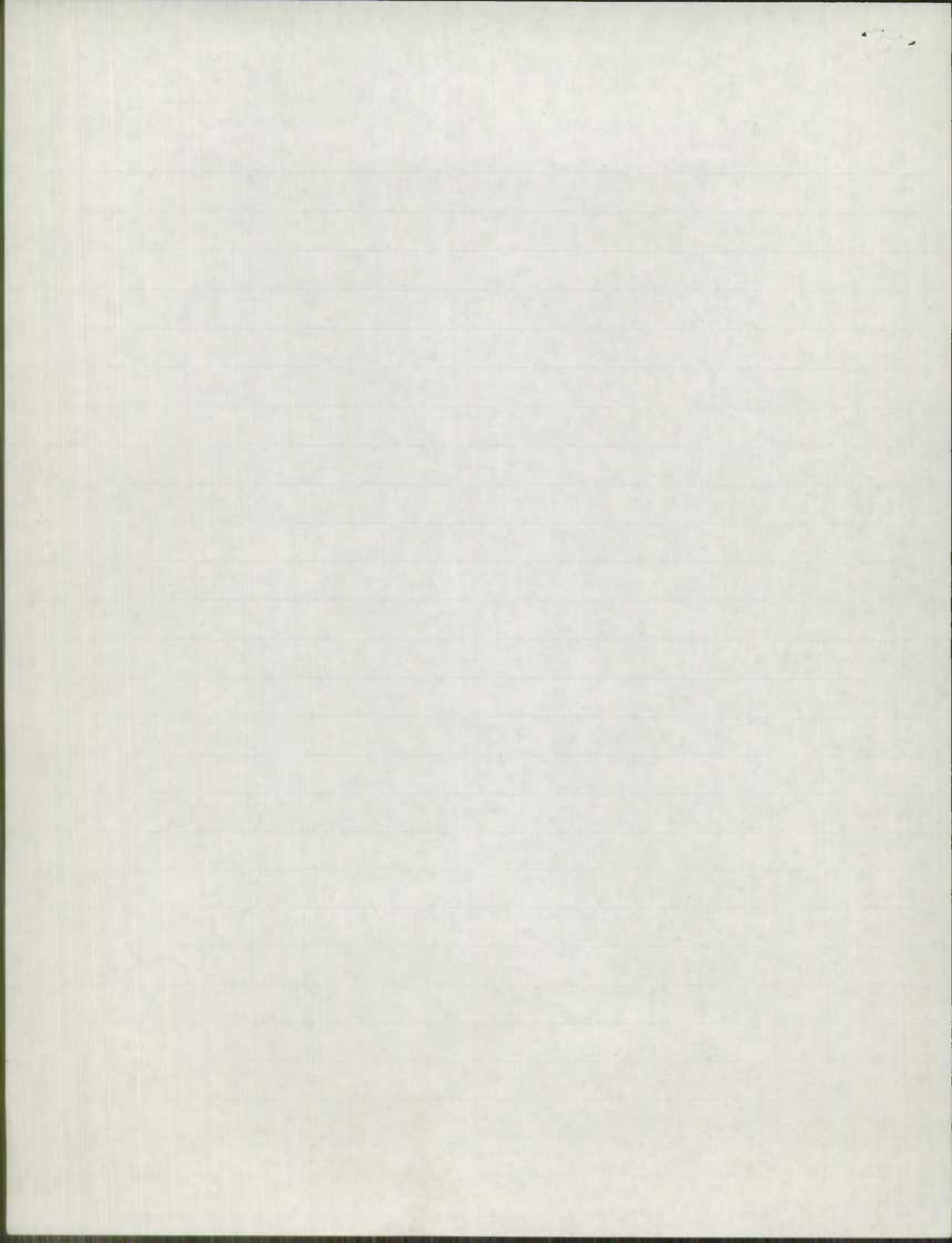
- 1/2 ① 3+ ok
- ② 3+ ok
- ③ 3+ ok
- ④ 3+ ok
- ⑤ 3+ ok

⑥ thru ⑩ none ok

F/C ⑦

- 1/2 ① 3+ ok
- ② 3+ ok
- ③ 3+ ok
- ④ 3+ ok
- ⑤ 2- 100% ok

⑥ thru ⑩ none ok



COUNTY F/L P/L
 01 02 +17.46% (US 220)

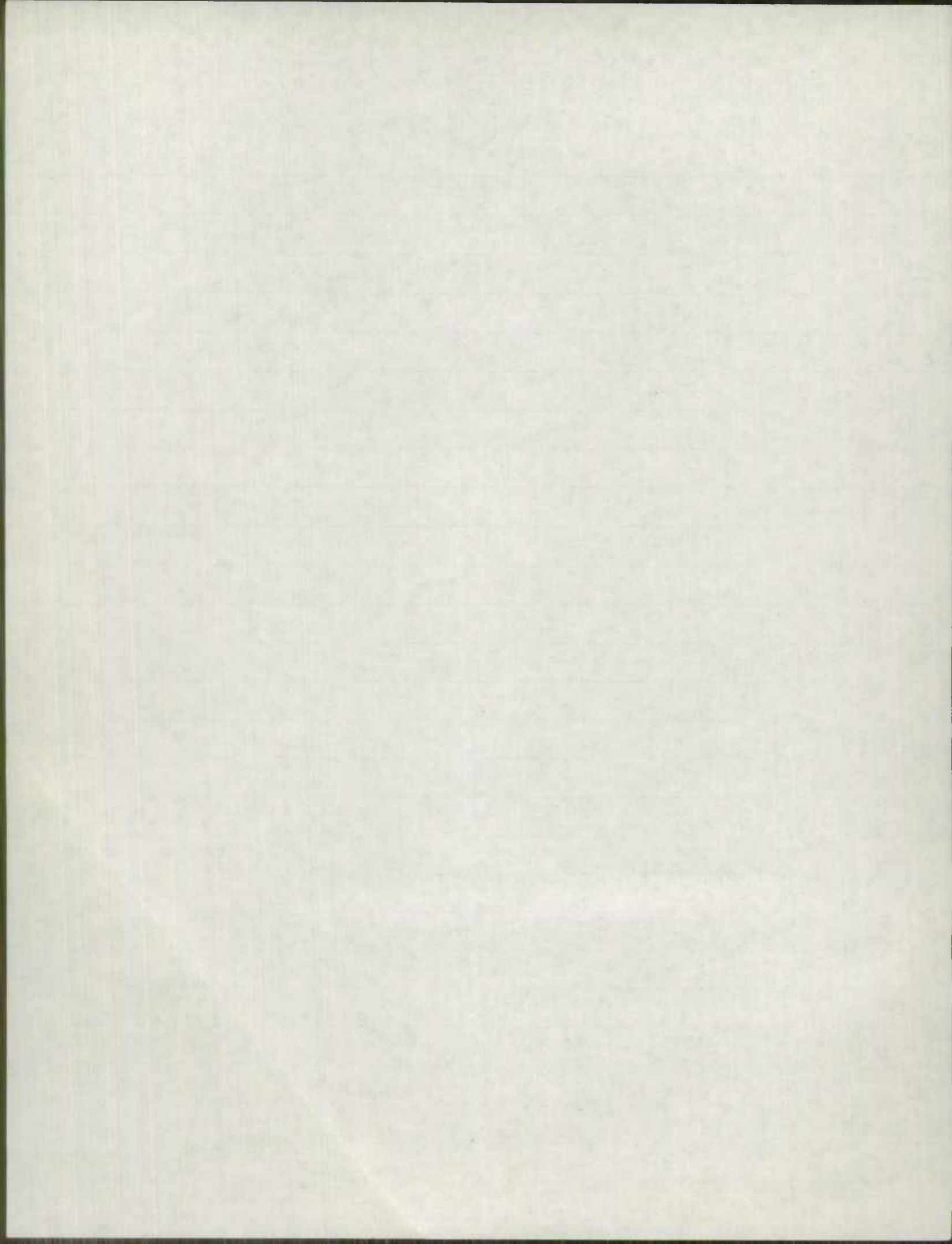
	1994	1995	
B0535	7025	8075	1.35 miles
B0536	6575	6750	7.72 miles
<u>B0537</u>	<u>4525</u>	<u>8175</u> ←	2.71 miles

07 01 +21.83% (US 95)

<u>T0005</u>	<u>65080</u>	<u>69468</u>	2.90 miles ←
B1614	<u>55700</u>	<u>69575</u>	6.60 miles ←
B1681	—	<u>68475</u>	8.72 miles ← (new)
B1669	64200	61975	0.78 miles

08 14 +24.84%

P0027	27721	28630	1.80 miles (MS)
B1708	17250	17725	1.73 mile (MS6)
B1757	23750	24125	2.71 mile (MS20)
B1718	13025	1275	0.86 mile (MS225)
B1727	3250	—	4.72 (MS228)
B1768	—	<u>28,875</u>	4.33 (MS228)
B1759	4950	4925	0.56 (MS488)
B1745	18075	18550	4.30
B1446	30950	31725	
B1747	32450	33225	
B1748	45350	46525	
B1750	55075	56575	
B3127	66575	68180	

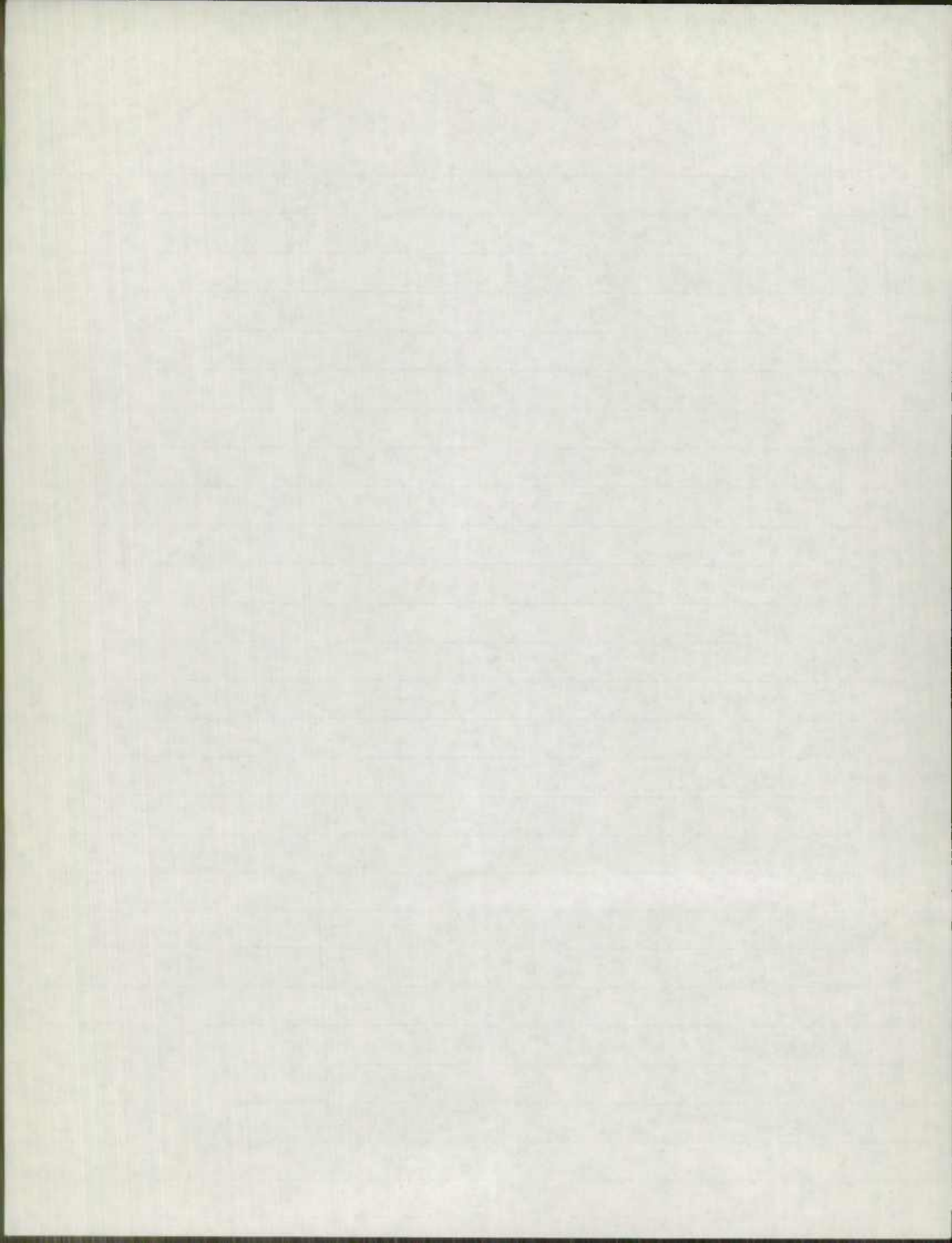


County F/L P/L
 10 17 +21.55%

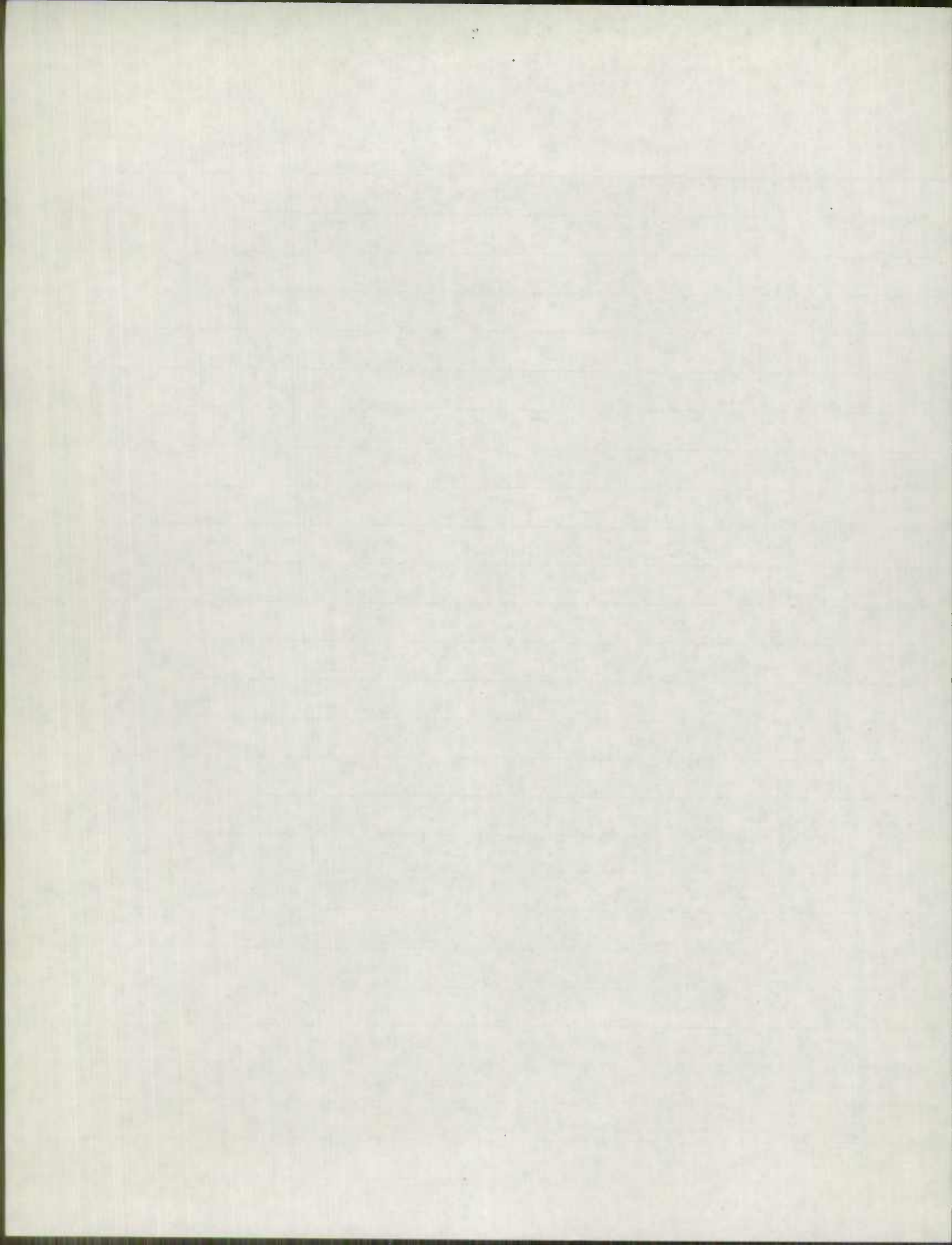
	<u>1994</u>	<u>1995</u>		
B1988	3475	3550	0.49	ND180
B1989	14957	15350	2.63	ND351
B2110	10175	10450	2.7	ND355
B2112	2575	2650		

13 11 +21.82%

B2529	105400	155975	5595
B2530	97000	150675	
B2531	107100	164775	
P0039	155654	158938	
B2532	144200	153275	
P0051	138668	144753	GO TO COUNTY

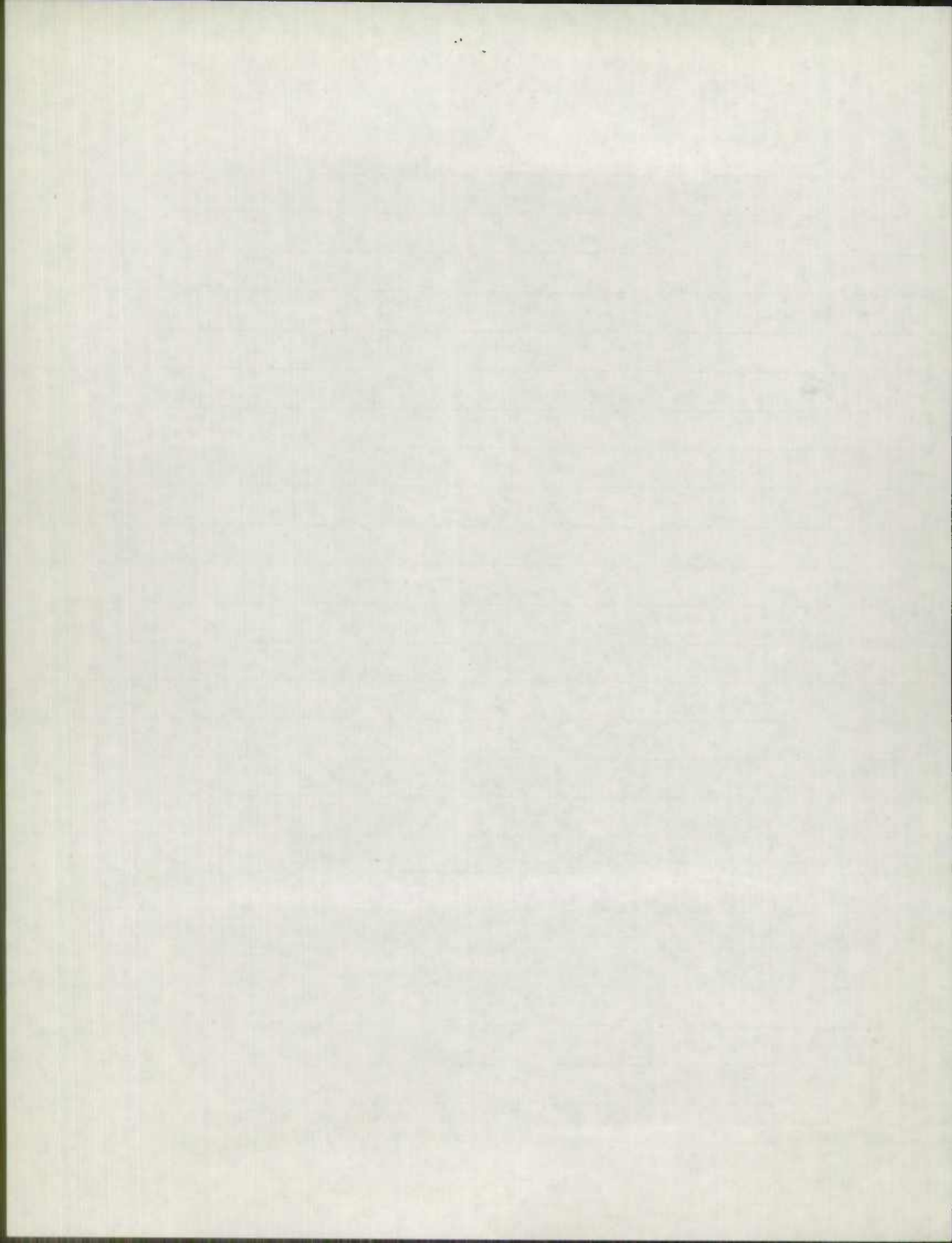


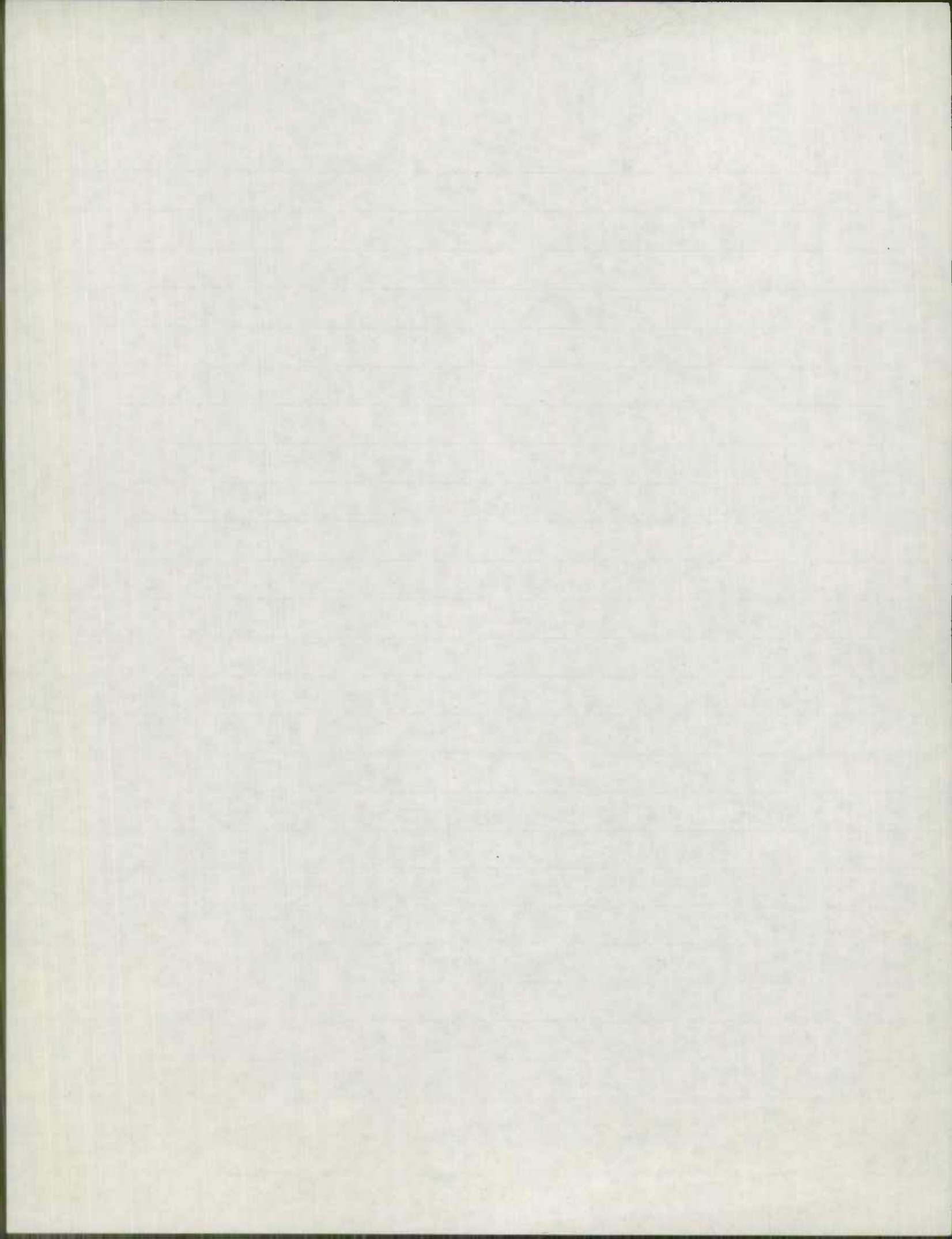
HPMS SAMPLES ENTIRELY ON A
STRUCTURE (FACILITY TYPE = 3 OR
4) AND SHOULD BE DELETED



3

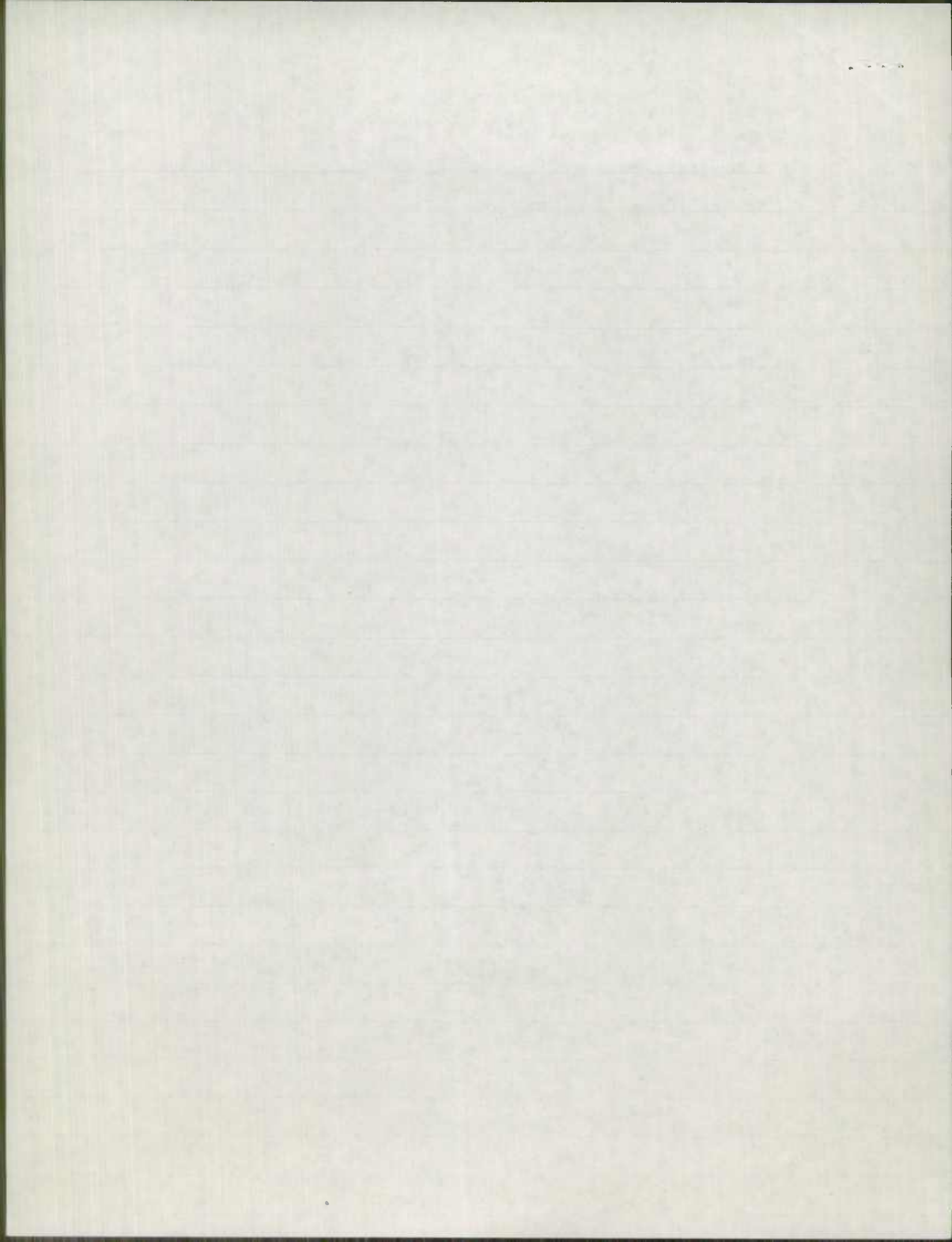
<u>LN</u>	<u>SECTION - ID</u>	<u>SAMPLE #</u>	<u>(ITEM) CHANGE</u>
15 /	004950000027	004950000000 ⁷	ITEM 22=2
15 /	004950000052	004950000052	ITEM 22=2
16 /	000950000053	100950000053	ITEM 22=2
17 ✓	200180200250	100500000675	ITEM 22=2
23 ✓	200900001141	200900001141	ITEM 22=2
24 /	000950000216	100950000158	ITEM 22=2
24 /	000950000932	100950000813	ITEM 22=2
24 ✓	000950000963	100950000963	ITEM 22=2
24 /	000950000966	100950000963	ITEM 22=2
24 /	000950001003	100950000963	ITEM 22=2
24 ✓	202950000214	202950000192	ITEM 22=2
24	008950000634	008950000639	ITEM 22=2





DUNE SAMPLES

07 (015)	202130002204	/	0.04	(06)
07 (015)	212130002508	/	0.27	(06)
07 (015)	202720001243	/	0.23	(06)
12 (025)	100015000013	/	0.23	(06)
12 (025)	201610000485	/	0.53	(07)
12 (025)	201610000005	/	0.31	(07)
12 (025)	200070000711	/	0.17	(07)
12 (025)	200070000728	/	0.62	(07)
12 (025)	201470000000	/	0.72	(07)
12 (025)	201470000072	/	0.98	(07)
12 (025)	205430000147	/	0.32	(07)
12 (025)	205430000277	/	0.64	(07)
03 (005)	200450001003	/	0.39	(07)
03 (005)	200450001114	/	0.42	(07)



Donut 616

F/C 6,16

Vol 1 ✓ - 10 (21) 206310000000 ✓ (.03)

2 - of

3 - of

4 - of

5 - ✓ 15 (03) 200270000328 ✓ (.17)

✓ 08 (17) 202100000654 ✓ (.34)

6-12 - none

Donut 717

F/C 7,17

Vol 1 - of

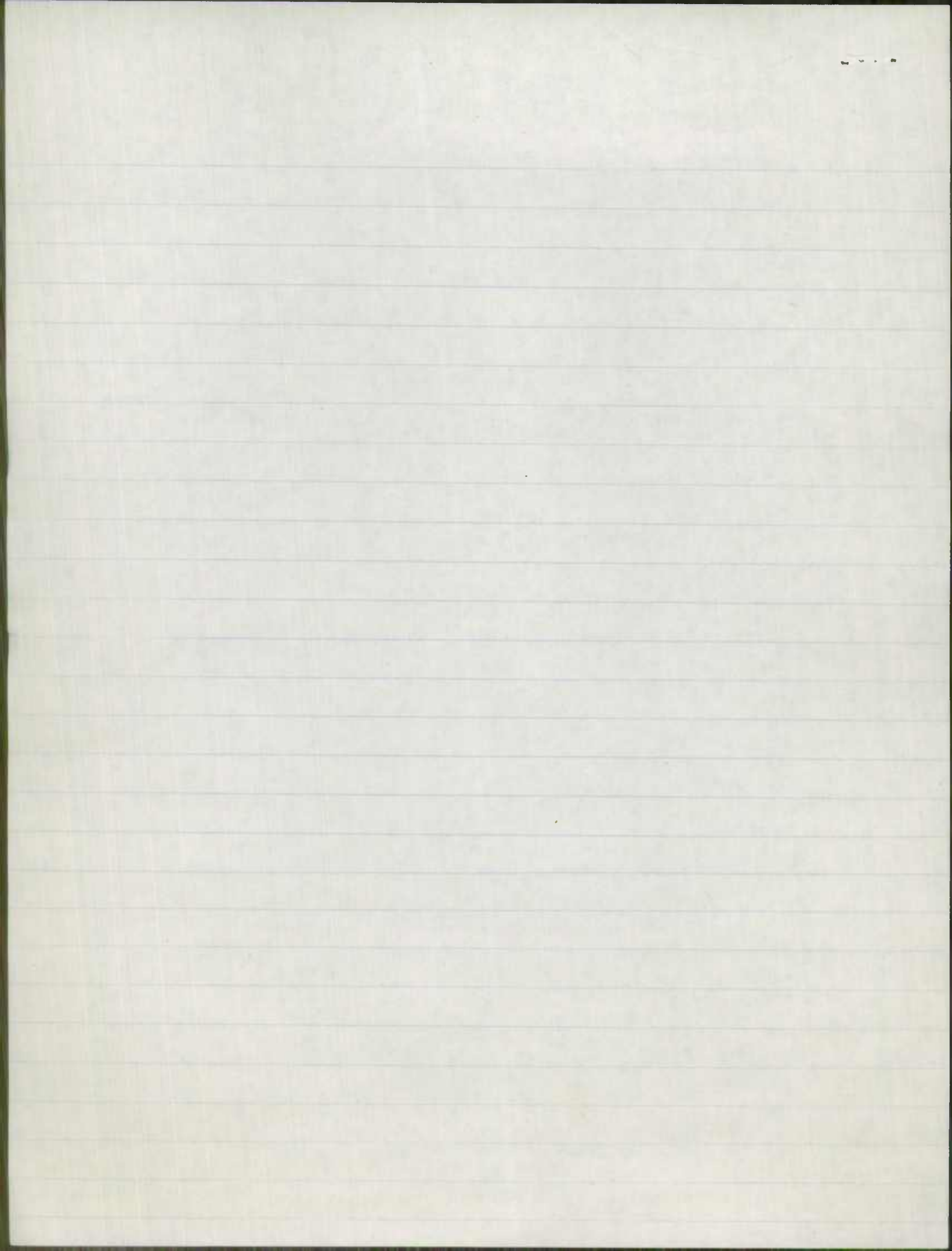
2 - of

3 - of

4 - ✓ 15 (01) 201900000501 ✓ (.22)

5 - of

6-12 none



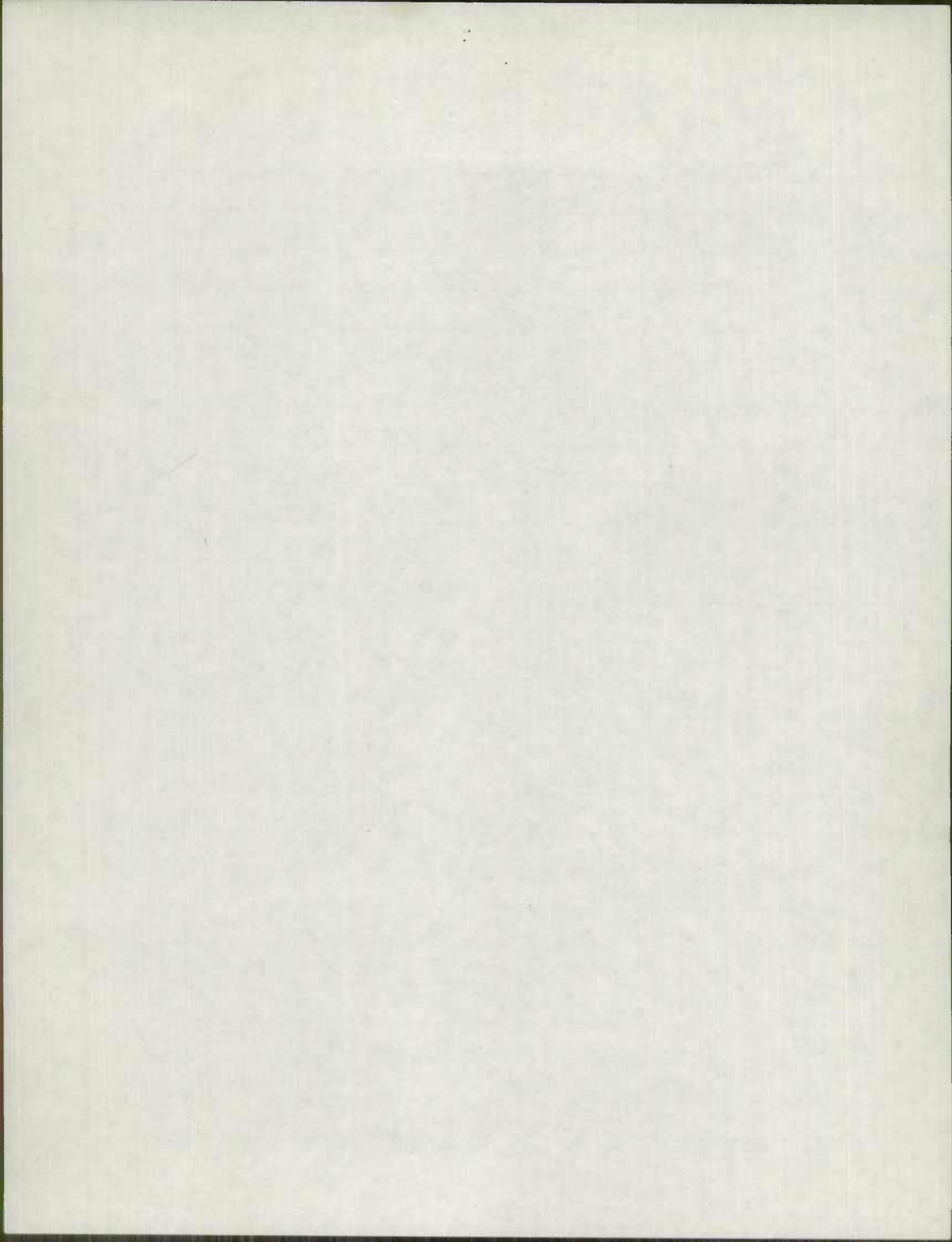
1995 SAMPLE CHANGES

NO	SECTION ID	SAMPLE #	(ITEM) CHANGE
02	200200000021	200200000021	ITEM 22 = 2
02 ✓	006950000206	006950000207 ✓	DELETED ^{ADDED} ADDED TO REMAIN
02 ✓	008950000008	008950000008 ✓	(1) 008950000425 DELETED - REPLACED
03 ✓	008950000425	008950000422 ✓	BY (02) 008950000008
07 ✓	100010000000	100010000000 ✓	- ITEM 22 = 2 DELETED - REPLACED
07 ✓	100400000000	100400000000 ✓	BY 100400000839 DELETED - REPLACED
07 ✓	100400000058	100400000058 ✓	BY 100400000839
07 ✓	100400000830	100400000830 ✓	ADDED TO REMAIN (1) 100400000000
07 ✓	100400000839	100400000839 ✓	ADDED TO REMAIN (2) 100400000058
08 ✓	103010000000	103010000000 ✓	DELETED - ADDED REMAIN IN VIC
10 ✓	201446000225	1004000001790 ✓	DELETED - REPLACED BY 201446000163
10 ✓	201446000163	201446000163 ✓	ADDED TO REMAIN (1) 100400000179
20 ✓	100500002442	100500002442 ✓	DELETED - BRIDGE - REMAIN
21 ✓	200580000320	200580000323 ✓	DELETED BRIDGE - REMAIN
23 ✓	100500001404	100500001404 ✓	DELETED - REPLACED BY 100500001768
23 ✓	100500001768	100500001768 ✓	ADDED TO REMAIN (2) 100500001368
23 ✓	200900001074	200900001074 ✓	DELETED - REPLACED BY (2) 20090000953
23 ✓	200900000953	200900000953 ✓	ADDED TO REMAIN (1) 200900001074

05
181-
217

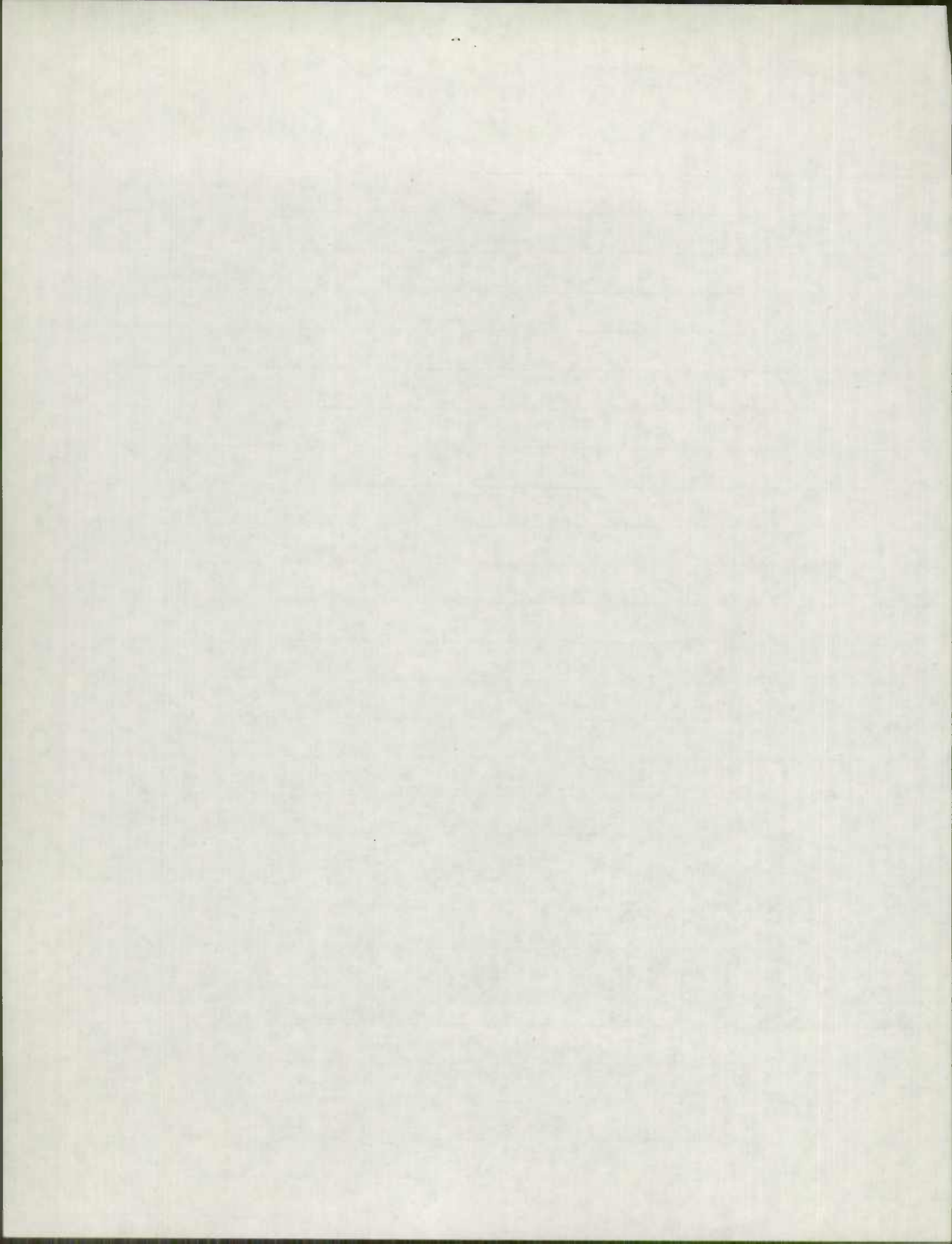
✓ = selected by FEDS - NOT US.

	SECTION ID	FIPS	SAMPLE #
02 ✓	2007000000027	1003	✓ 2007000000027
02 ✓	0069500000206	1003	✓ 0069500000207
03 ✓	008950000425	1005	✓ 008950000422
07 ✓	1000100000000	1015	1000100000000
07 ✓	1004000000000	1015	✓ 1004000000000
07 ✓	1004000000058	1015	1004000000058
08 ✓	1030100000000	1017	✓ 1030100000000
10 ✓	20144 ⁵⁰ 0000225	1021	✓ 1004000001790
20 ✓	100500002442	1041	100500002442
21 ✓	2005800000320	1043	✓ 2005800000323
23 ✓	100500001404	1047	100500001404
	✓ 200900001074	✓ 1047	200900001074
24 ✓	0009500000661	1050	0009500000661
✓	0039500000000	✓	0039500000000
✓	0039500000034	✓	0039500000067
✓	0039500000053	✓	0039500000086
✓	0039500000095	✓	✓ 0039500000128
✓	2069500000000	✓	2069500000000
✓	0089500000454	✓	✓ 1089500000456



(2)

<u>Q</u>	<u>SECTION ID</u>	<u>SAMPLE #</u>	<u>(ITEM) ON CHAW</u>
24 ✓	000950000661	100950000661 ✓	DELETED PLENTY IN V/L
24 ✓	003950000000	003950000000 ✓	DELETED REPLACED BY (13) 000700001564
13 ✓	000700001564	000700001564 ✓	ADDED TO REPLACE (24) 003950000000
24 ✓	003950000034	003950000067 ✓	DELETED REPLACED BY (13) 000700001465
13 ✓	000700001465	000700001465 ✓	ADDED TO REPLACE (24) 003950000067
24 ✓	003950000053	003950000086 ✓	DELETED REPLACED BY (13) 000700001414
13 ✓	000700001414	000700001414 ✓	ADDED TO REPLACE (24) 003950000086
24 ✓	003950000095	003950000128 ✓	DELETED REPLACED BY (13) 000700001363
13 ✓	000700001363	000700001363 ✓	ADDED TO REPLACE (24) 003950000128
24 ✓	206950000000	206950000000 ✓	DELETED PLENTY IN V/L
24 ✓	008950000454	108950000456 ✓	DELETED PLENTY IN V/L
02 ✓	200700000027	200700000027 ✓	DELETED REPLACED BY (02) 200700000079
02 ✓	200700000079	200700000079 ✓	ADDED TO REPLACE (02) 200700000027
02 /	206950000093	206950000091 /	ITEM 22 = 2
02 /	200700000124	200700000124 /	ITEM 22 = 2
02 ✓	200020001785	200020001797 /	ITEM 22 = 2
02 ✓	100695000013	006950000000 /	ITEM 22 = 2
02 ✓	100500001109	100500001115 /	ITEM 22 = 2
02 ✓	100500001136	100500001136 /	ITEM 22 = 2
03 ✓	007950000393	007950000393 /	ITEM 22 = 2
07 ✓	100400001359	100400001359 /	ITEM 22 = 2
07 ✓	202130001911	202130001928 /	ITEM 22 = 2
07 ✓	202130001917	202130001928 /	ITEM 22 = 2
13 ✓	100290000326	100290000326 /	ITEM 22 = 2
15 ✓	004950000000	004950000000 ✓	ITEM 22 = 2



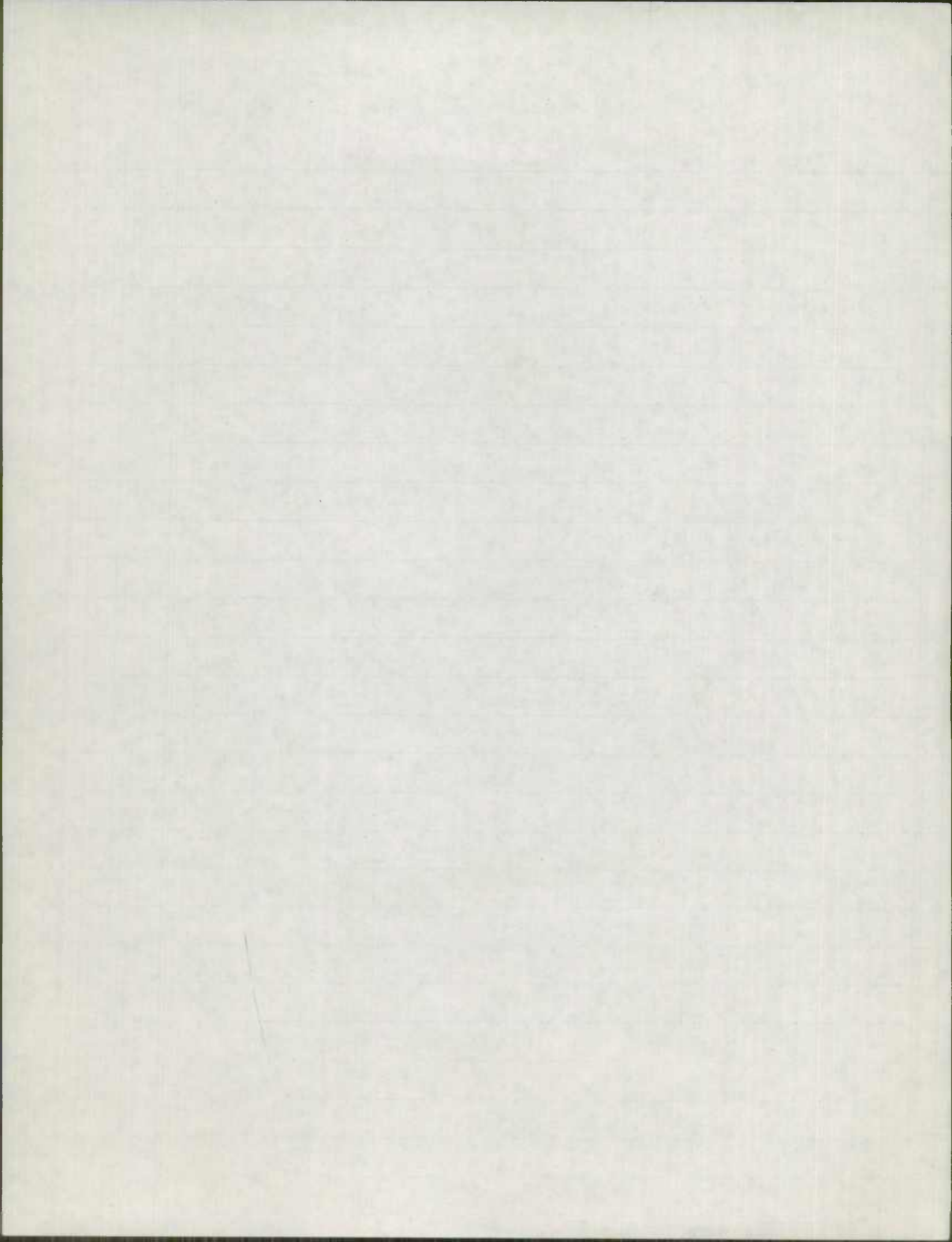
1795 samples selected

URBAN 00388

10 / (021)	100150200000	.04
10 / (021)	100150200017	.02
10 / (021)	200260000000	.54
10 / (021)	200260000054	.20
10 / (021)	200850000942	.22
10 / (021)	201940000207	.29
10 / (021)	203550001255	.10
10 / (021)	302270000116	.13
10 / (021)	302270000165	.12

URBAN 00008

15 (031) ✓	002700001104	(.26)
15 (031) ✓	002700001130	(.17)
15 (031) ✓	002700001147	(.40)
15 (031) ✓	201910000821	(.09)
16 (033) ✓	000950002392	(.49)





Maryland Department of Transportation
State Highway Administration

FILE#

HPMS

David L. Winstead
Secretary
Hal Kassoff
Administrator

June 30, 1995

Mrs. Susan J. Binder
Division Administrator
Federal Highway Administration
The Rotunda - Suite 220
711 West 40th Street
Baltimore MD 21211

Re: 1994 HPMS Data Submission

Dear Mrs. Binder:

Attached for your use and information are the following:
two 3.5" diskettes containing the 1994 Highway Performance
Monitoring System (HPMS) data using the PC format, a hard copy of
the Areawide data forms, a printout of the final edits, a
printout of the AADT volume group expansion factor table, a hard
copy of the LRS maps and 1-3.5" diskette containing the LRS data
files.

Submission Format

This year's submission utilizes the personal computer version of
the HPMS software. The data files are self-extracting files
using PKZIP. The data submission is divided into two files, an
urban file, MD⁹⁵URB.EXE, and a rural file, MD⁹⁵RUR.EXE.

Data to be Transmitted At a Later Date

Template 5, Fatal and Injury Motor Vehicle Accidents, Templates 6
& 7, Travel Activity by Vehicle Type and Functional System, and
the Vehicle Occupancy Portion of Template 2, Individual Urbanized
Areas, are not yet completed. The data for these forms is still
being assembled and will be forwarded to FHWA as soon as they are
complete.

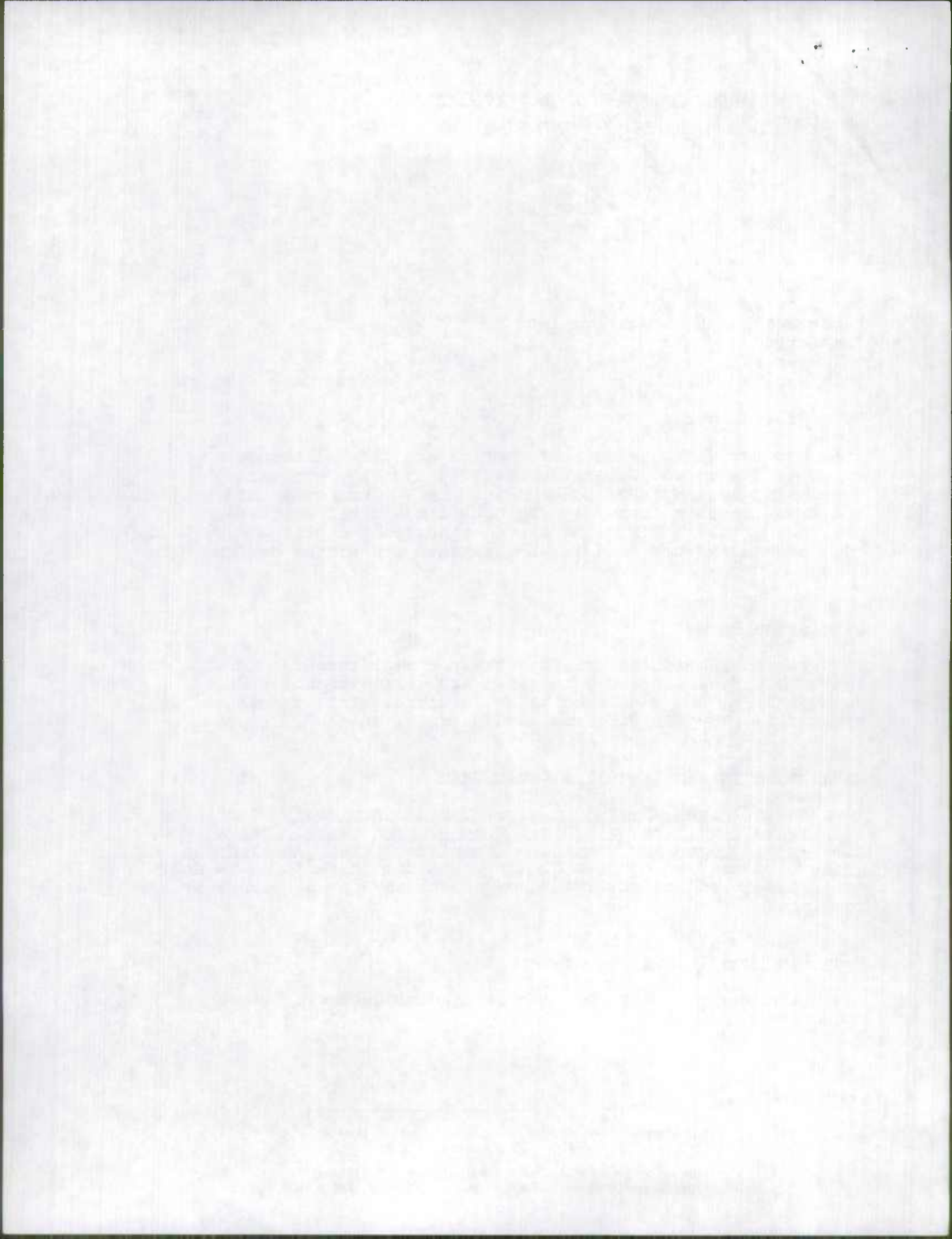
Recurring Conditions and Comments

The following is a list of special conditions and comments
regarding this year's HPMS package.

My telephone number is _____

Maryland Relay Service for Impaired Hearing or Speech
1-800-735-2258 Statewide Toll Free

Mailing Address: P.O. Box 717 • Baltimore, MD 21203-0717
Street Address: 707 North Calvert Street • Baltimore, Maryland 21202



Final Edit

Same { The shoulder widths in excess of 12 feet are accurate and reflect actual field conditions. *Metric?*

Same { Lane widths in excess of 18 feet are accurate and reflect actual field conditions.

~~Future AADT's that are out of the normal range have been reviewed and found to be reasonable in light of proposed future activities in the area of the affected sections.~~

~~Some type of base, type of subgrade, overlay thickness, pavement structure and subsurface drainage are estimated for 1994 because they occur on samples that were selected at the last minute to satisfy the AADT volume group expansion factors. These data items will be researched and included in next year's submission.~~

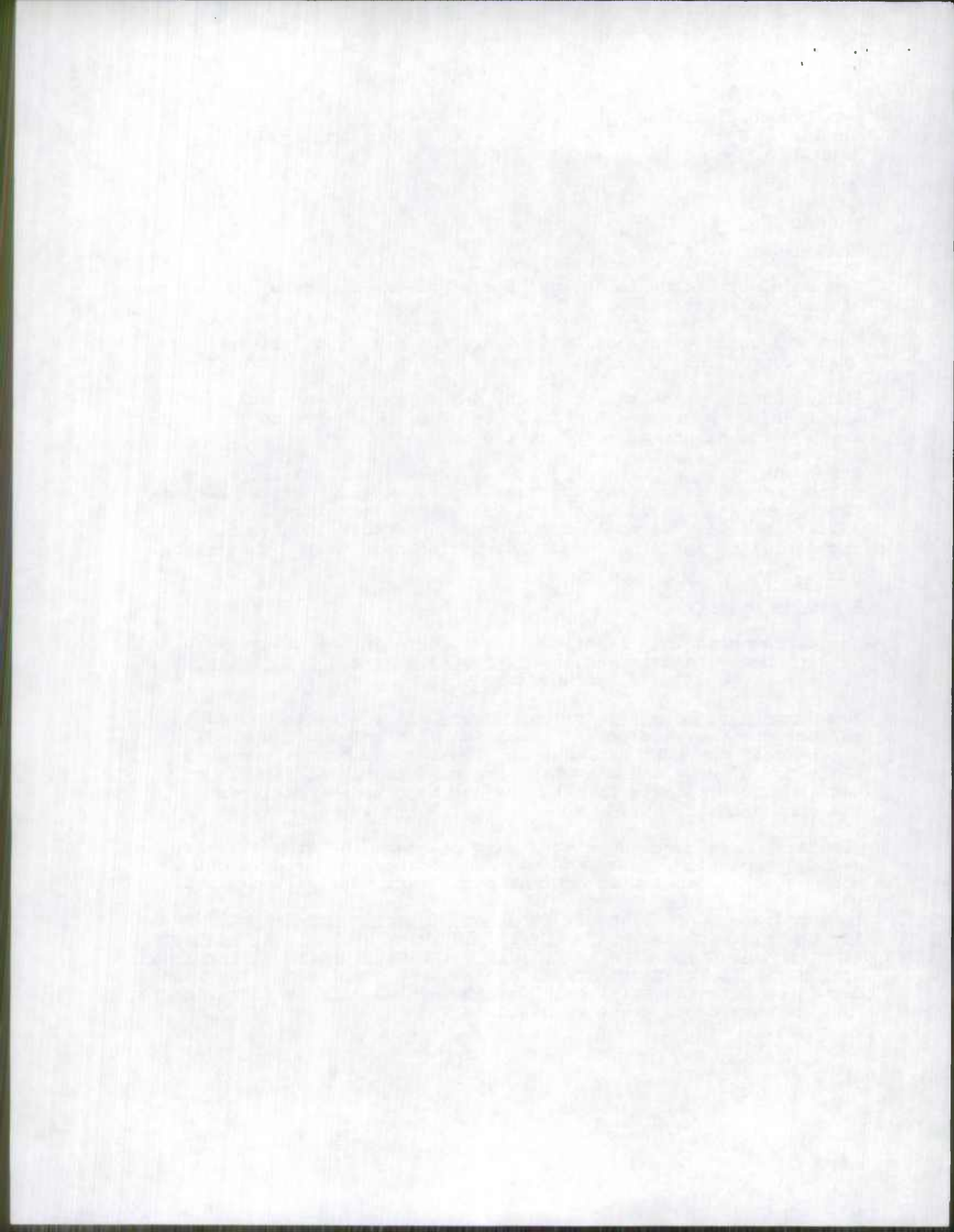
Areawide Data Forms

Same { The differences in mileage and travel between the HPMS Length and Daily Summary reports and the System Length and Daily Travel form are due to rounding differences.

Same { The Summary of Local Functional System Mileage was adjusted to reflect the increase in the local function mileage and should approximate the DVMT estimate for local roads on the areawide table for mileage and travel. Some mileage may differ slightly between areawide data form tables due to rounding differences in the spreadsheets.

? { Population estimates submitted this year are the same as last year's submission. We intend to investigate ways of developing more accurate population estimates for next year's submission.

? { As noted above, Template 5, Fatal and Injury Motor Vehicle Accidents, Templates 6 & 7, Travel Activity by Vehicle Type and Functional System, and the Vehicle Occupancy Portion of Template 2, Individual Urbanized Areas, are not yet completed. The data for these forms is still being assembled and will be forwarded to FHWA as soon as they are complete.



Interstate Mileage

There were no significant changes to the Interstate system this year. Any changes are the result of minor differences resulting from the routine re-inventory, correction of coding errors from previous years, or verification of interstate highways.

National Highway System Mileage

ACTUALLY MD 300

There was one major addition to the NHS - ~~MD 404~~ in Queen Anne's county.

There are minor mileage changes on numerous NHS routes due to re-inventory.

Modified or Deleted Samples

The following sample was deleted because the section was changed from an Urban Collector to a Rural Minor Collector. The Urban Collector designation was in error.

021 30³⁷³~~70~~0000163

The following donut sample was deleted because of an FHWA-approved change from Rural Major Collector to Rural Minor Collector.

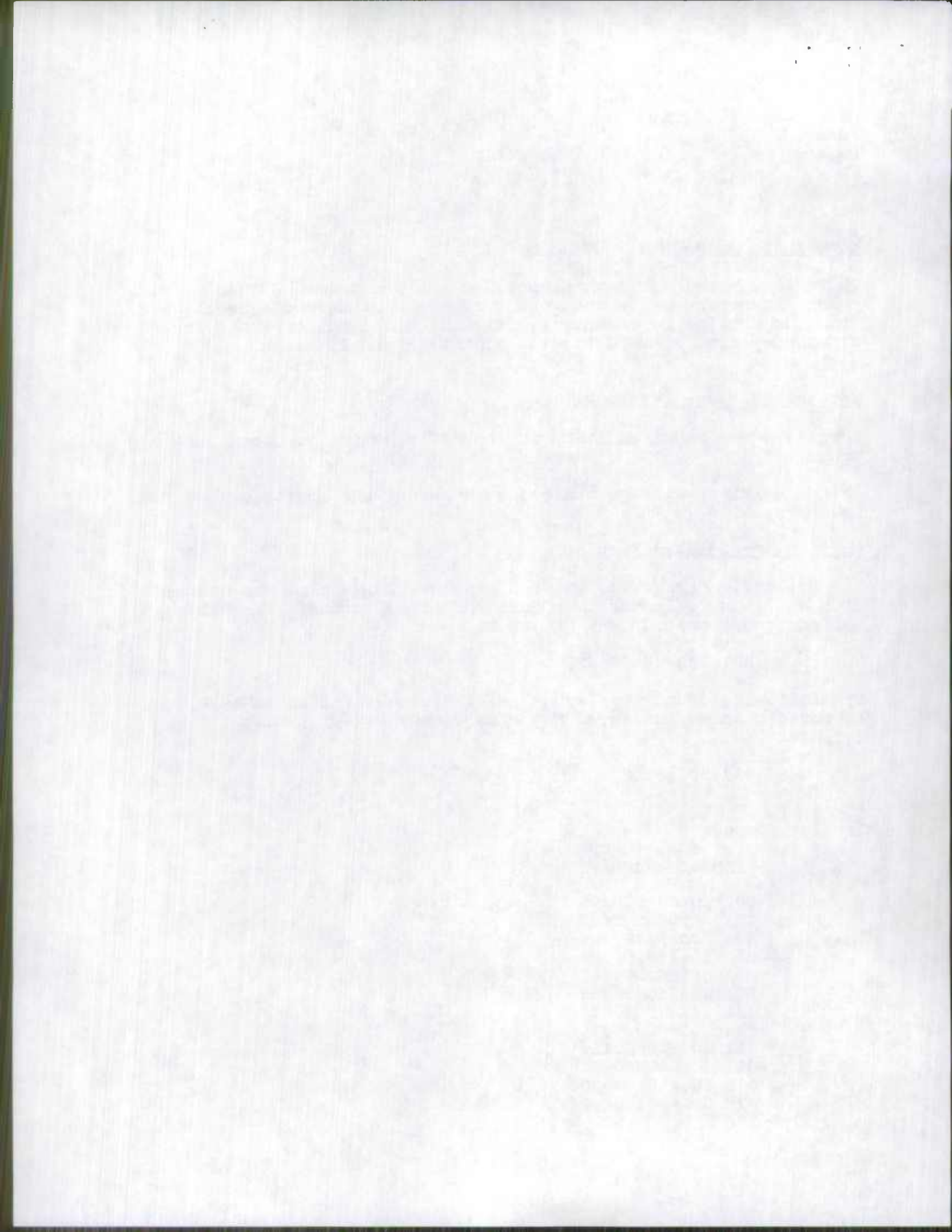
027 302450000000

See Table A

Samples Added

Standard Samples

- 003 201790000196
- 017 200060002657
- 021 200850000964
- 021 200850000982
- 031 004950000410
- 031 004950000483
- 031 201870000017
- 031 201910000834
- 031 209270000120
- 031 301440000001
- 031 301440000090
- 033 000950000822



Mrs. Susan J. Binder
June 30, 1995
Page 4

033 000950000969
033 202950000000
043 100110000737
043 100110000761
043 100110000804
045 100500001548

Donut Samples

003 204500000075
015 202130002121
021 100400380834
021 201940000643

See table

*include sentence
about changed sample
structures*

Truth-In-Data Narrative

K-factors and D-factors and percent single unit and combination commercial vehicle truck factors are taken from the actual count samples, which are conducted each year. Additionally, the data has been recorded at the automatic traffic recorders (ATR) located around the state.

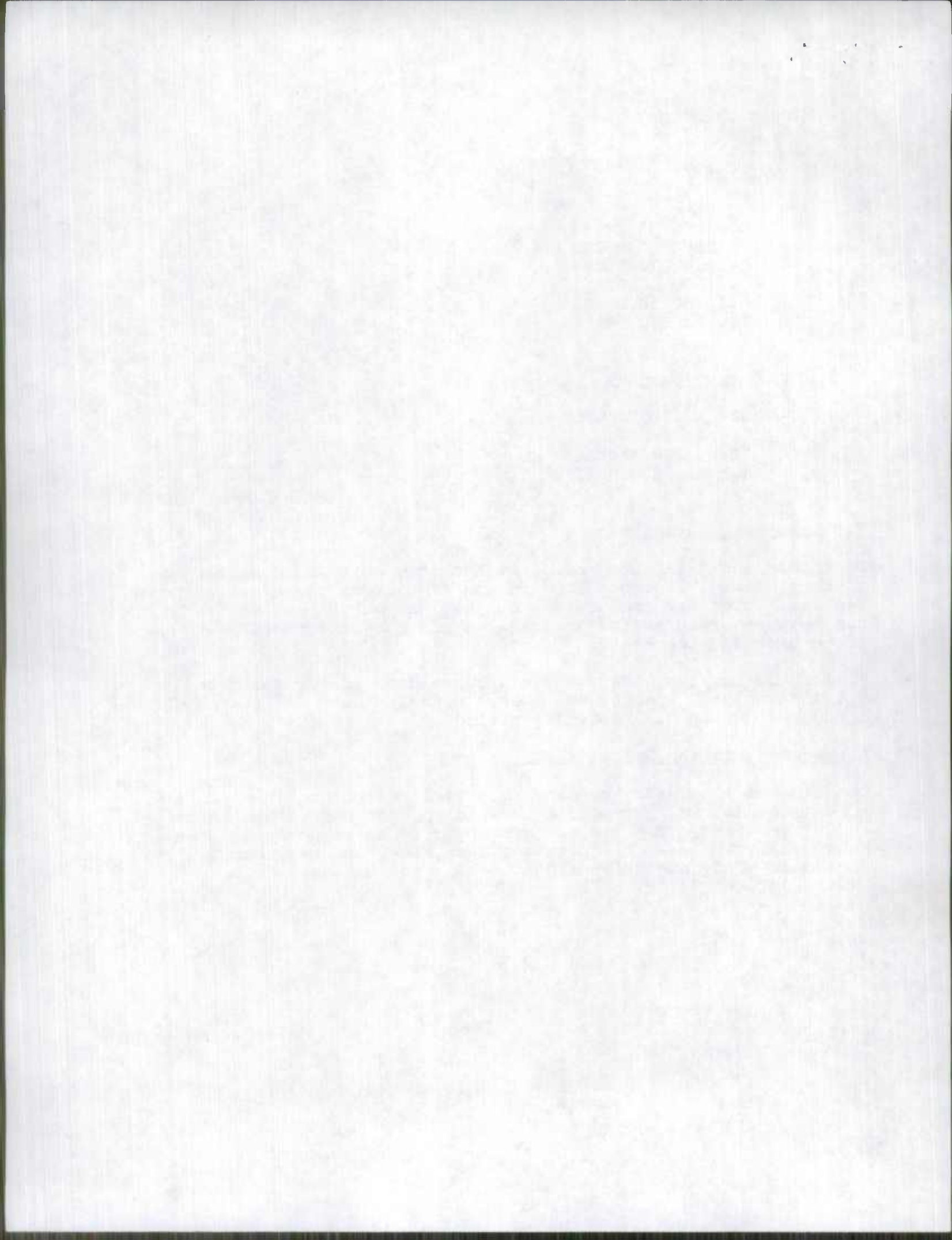
From these samples, average factors are derived for functional classifications, and are used where actual counts are not conducted during the reporting period.

Linear Referencing System (LRS)

The LRS was completely re-done this year because there were many roads included in last year's submission that were not required. It was more efficient for us to start from scratch rather than make modifications. All required data files and maps are included. The data files are attached; the filenames are LINK94.OUT and NODE94.OUT.

LINK95.OUT

NODE95.OUT



Mrs. Susan J. Binder
June 30, 1995
Page 5

Should you have any questions regarding this submission, please contact Mr. Michael R. Baxter at (410) 333-1308.

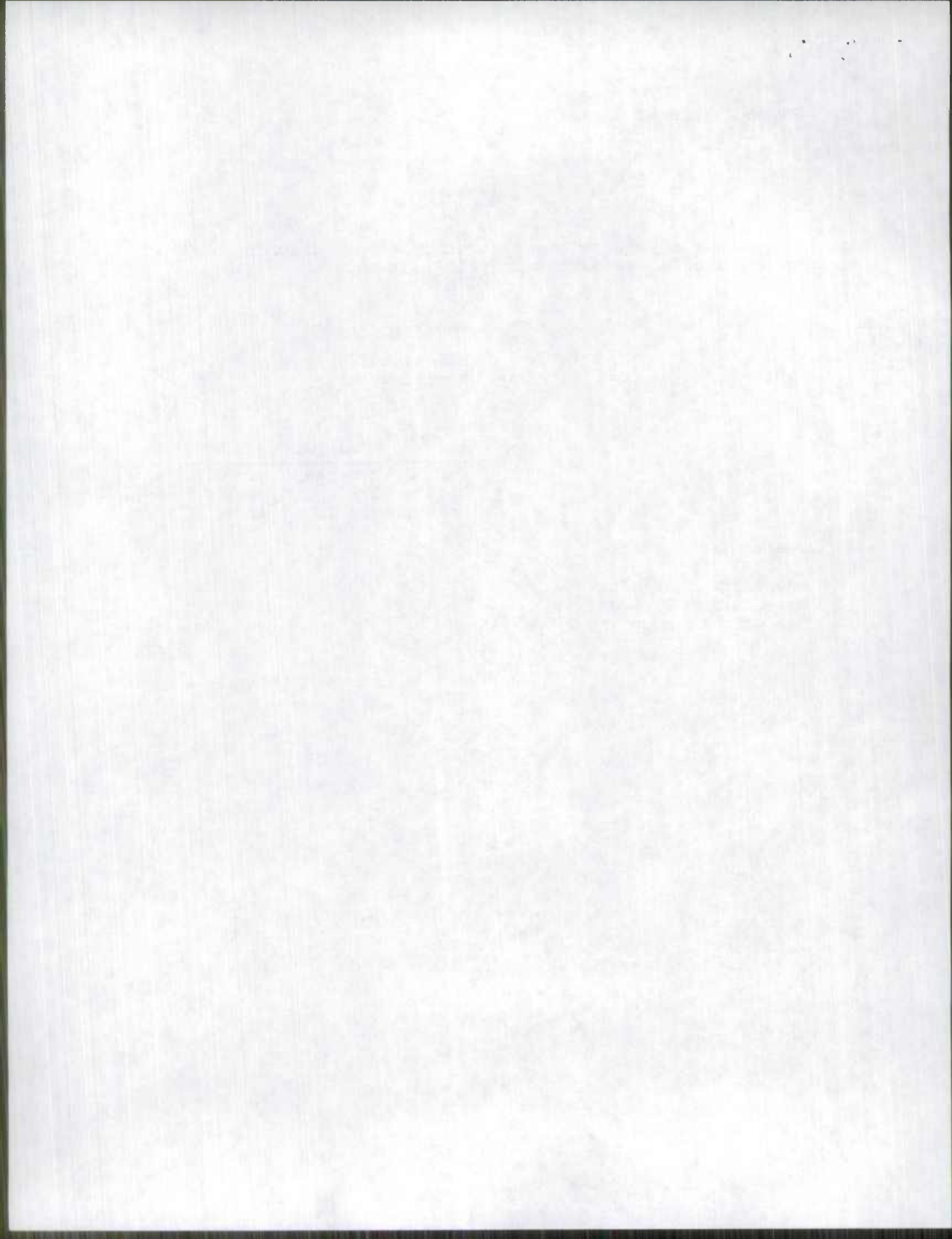
Sincerely,

Hal Kassoff
Administrator

By: Neil J. Pedersen
Neil J. Pedersen, Director
Office of Planning and
Preliminary Engineering

Attachments

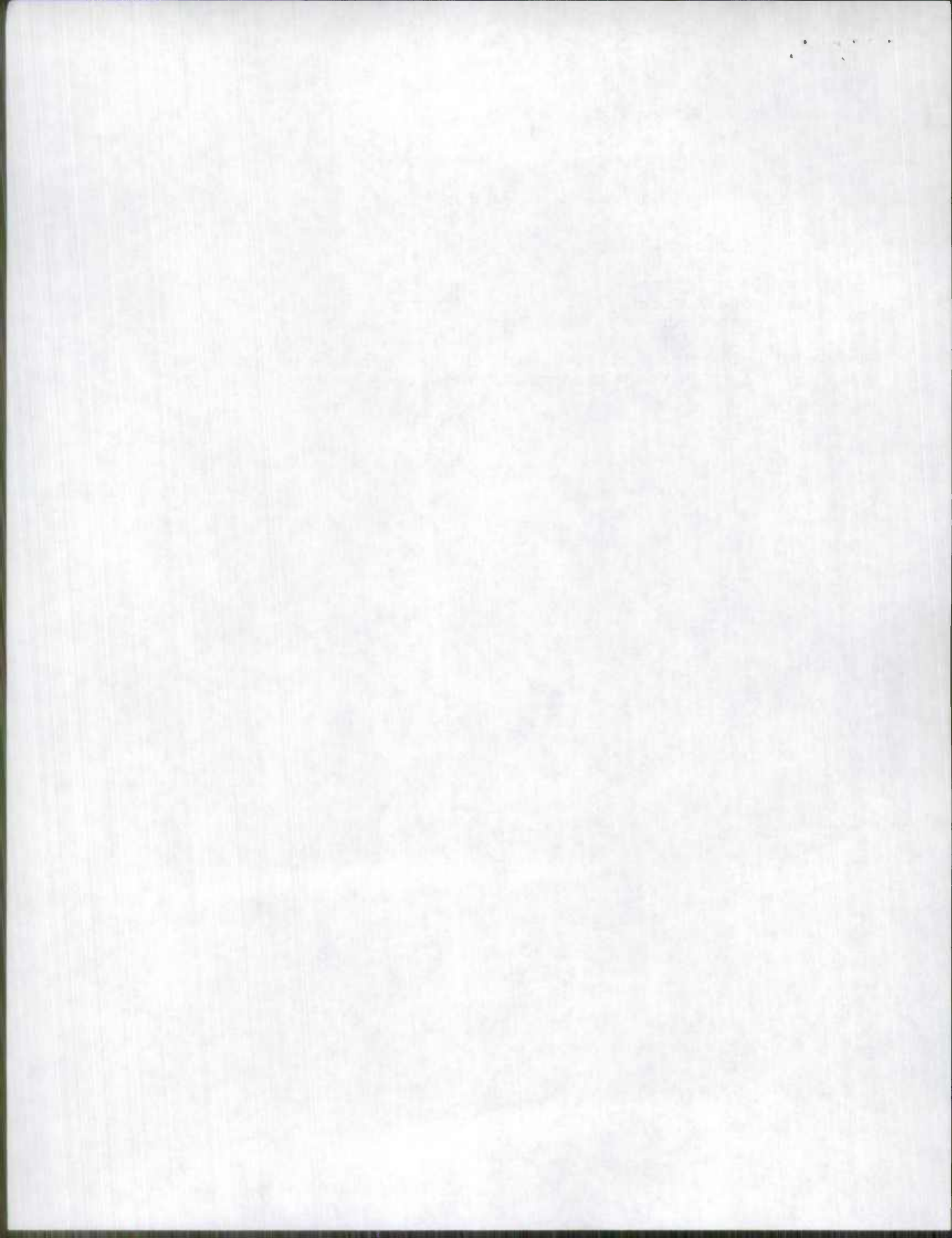
cc: Ms. Alisoun K. Moore
Mr. Charles R. Olsen
Mr. Jack F. Ross



Mrs. Susan J. Binder
June 30, 1995
Page 6

bcc: Dr. Elizabeth Baker
Mr. Paul Dorsey
Ms. Peggy Eidman
Mr. Joseph Finkle
Mr. Manu Shah

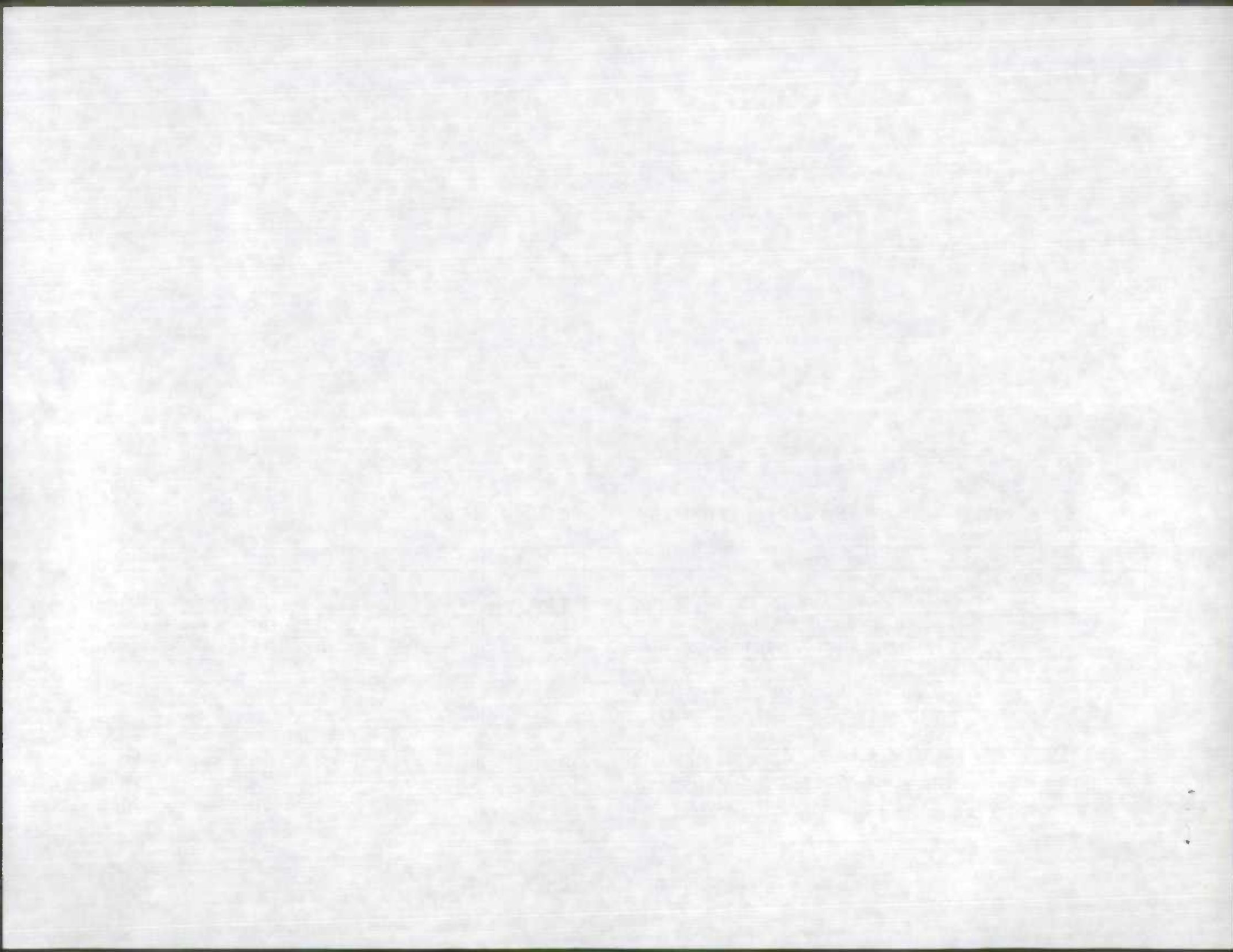
Prepared by: Mr. Michael R. Baxter, Manager, Data Support Team,
Highway Information Services Division, Room 105,
x 1308



1995 National Highway System Route Changes

County	Route	Mileage Change	Kilometer Change	Reason for Change
Charles	MD 228	0.17	0.27	New Section of MD 228 open to traffic
Charles	MD 228 UL	-0.30	-0.48	Now part of MD 228 (Was Proposed)
Howard	MD 32	-0.30	-0.48	New Section of MD 32 opent to traffic
Howard	MD 108	-0.33	-0.53	No longer NHS, now included with MD 32
Prince George's	MD 210	-0.15	-0.24	Termini change due to construction of new MD 228
Prince George's	MD 228	1.35	2.17	New section of MD 228 open to traffic
Prince George's	MD 228 UL	-1.20	-1.93	Now part of MD 228 (Was proposed)
Worcester	MD 90	-0.08	-0.13	Reinventory

-0.84 -1.35 Total NHS Mileage / Kilometer Change 1994 - 1995



PREVIOUS YEAR SAMPLE SECTIONS THAT ARE NOT IN CURRENT SUBMITTAL
-- DELETED SECTIONS --
COUNTY CODE AS WELL AS SAMPLE NUMBERS ARE USED FOR THE COMPARISONS

YEAR	STATE	COUNTY	RURAL URBAN CODE	SECTION ID ITEM 7A	FUNCTIONAL SYSTEM	SAMPLE NUMBER ITEM 39	SUBDIV NUMBER	VOLUME GROUP	LENGTH
92	24	003	3	006950000207 ✓	11	006950000207 -	0	04	.020
92	24	003	3	200700000027 ✓	16	200700000027 -	0	08	.190
92	24	005	3	008950000425 ✓	11	008950000422 -	0	01	.360
92	24	015 ✓	1	100400000000 ✓	06	100400000000 -	0	04	.580 ✓
92	24	017 ✓	1	103010000000 ✓	02	103010000000 -	0	03	1.900 ✓
92	24	021 ✓	1	201446000225 ✓	07	100400001790 -	0	04	.100
92	24	021	3	308500000000 ✓	17	308500000000 - N/A	0	01	.580
92	24	043	3	200580000320 ✓	16	200580000323 -	0	03	.020
92	24	510	3	003950000095 ✓	11	003950000128 -	0	03	.130

9 RECORDS PRINTED

on 1993

Only one of the above was listed in our submittal letter for '93 data. What happened to the other 8?

Mike

hpm sysop

hpm sysop

OK - Verified
SS
6/12/95

Jan Feb 95
510 008950000456

108950000456

← Should be

delete all Bridge Samples and explain!
or combine

P P H

Temp. 21.8

1973 SUR



U.S. Department of Transportation
Federal Highway Administration

RECEIVED
JUL 18 1995

The Rotunda
Suite 220
11 West 40th Street
Baltimore, Maryland 21211-2187

June 26, 1995

IN REPLY REFER TO:

CHIEF ENGINEERING OFFICE
Changes to Functional Classification System
(711.7)

*Neil Pedersen
For your info*

*MD953 + 3.38 Urban Collector
4056 + 0.54 Urban Collector
4.92*

Mr. Hal Kassoff
State Highway Administrator
State Highway Administration
707 N. Calvert Street
Baltimore, Maryland 21202

Attn.: Neil Pedersen

Dear Mr. Kassoff:

This is in response to your letter requesting approval for a change to the Functional Classification System in Prince George's County:

MD 953 (Glenn Dale Road), from MD 193 to Prospect Hill Road, and Prospect Hill Road, from MD 953 (Glenn Dale Road) to MD 193 from a Local to an Urban Collector

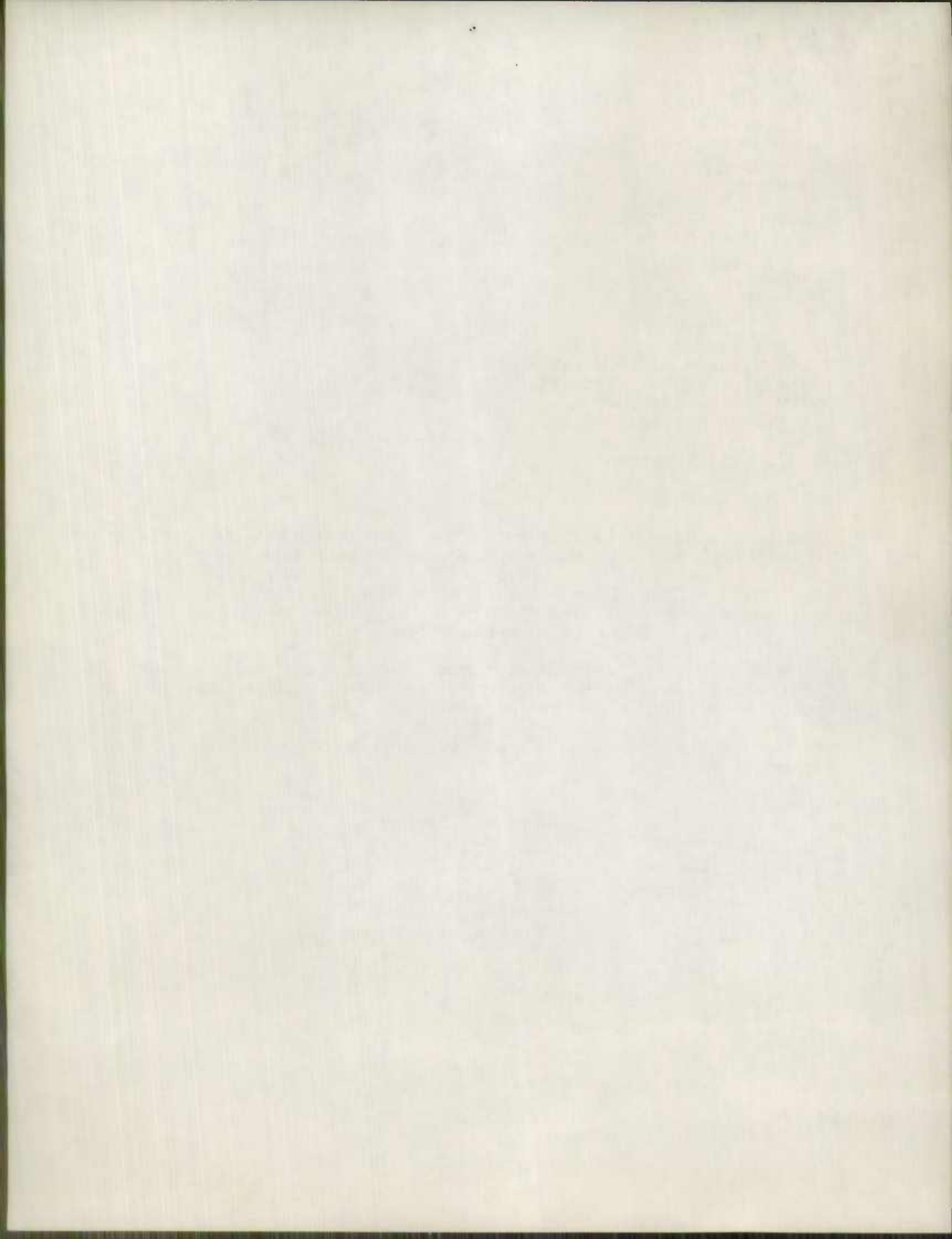
We have completed a review of your request and the supporting information transmitted by your office. This change is appropriate, and is hereby approved.

If you have any questions, please contact David Lawton of our office at 962-4440.

Sincerely yours,

Susan J. Binder
Division Administrator

Administrator	
Chief Engineer	
Dir. Office of Admin.	
Dir. Office of Plan. & PE	<i>fl</i>
Dir. Office of Real Estate	
Dir. Office of Finance	
Spec. Ass't - Admin.	✓
Spec. Ass't - Eng. 3	✓
Spec. Ass't - Section	



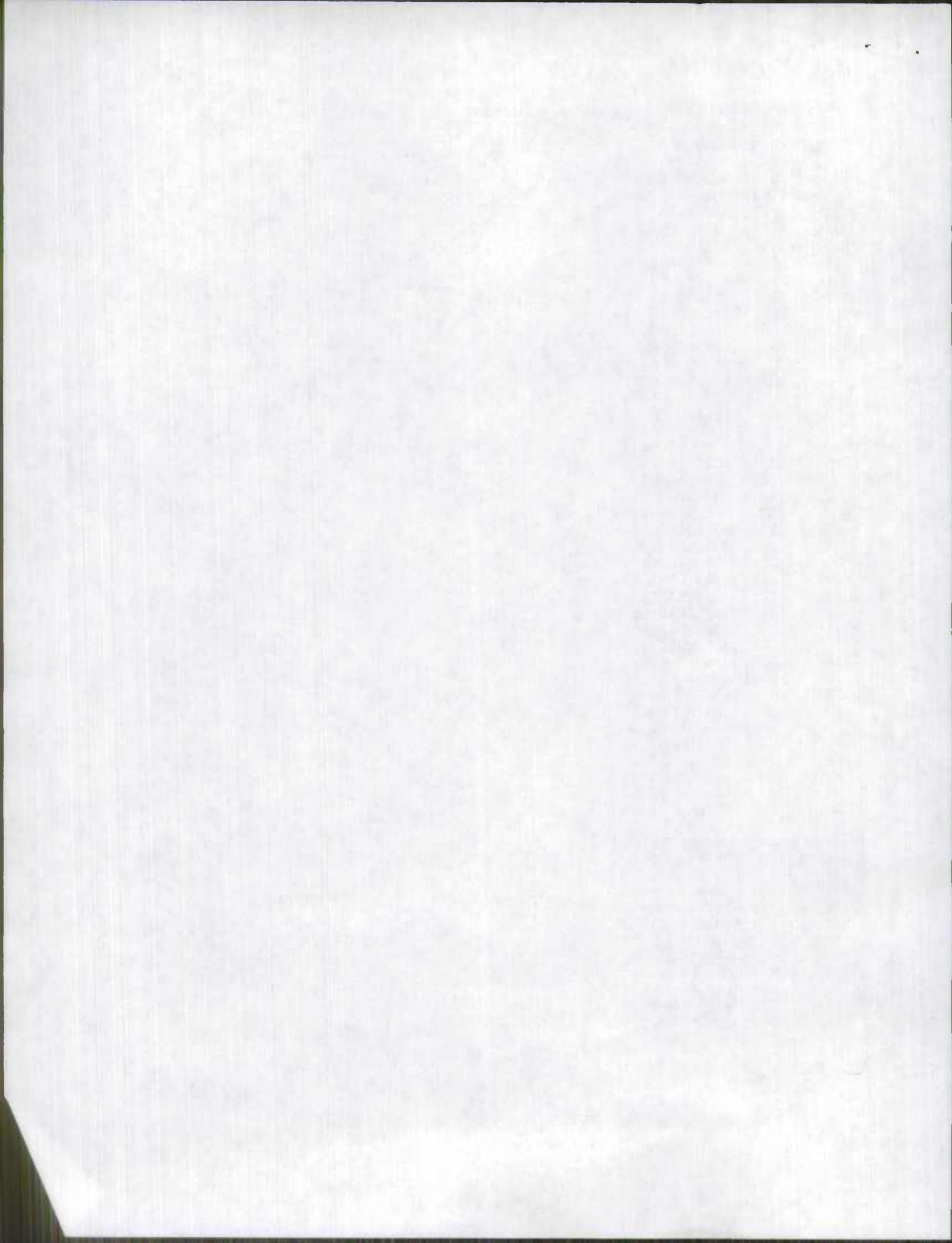
1995 SAMPLES ADDED, DELETED, OR MODIFIED

STANDARD SAMPLES ADDED

02	(003)	008950000008
02	(003)	200020002495
02	(003)	200020002526
02	(003)	200700000079
02	(003)	327490000485
02	(003)	327490000569
02	(003)	328010000090
03	(005)	354600000001
03	(005)	354600000015
03	(005)	354600000031
07	(015)	100400000830
07	(015)	100400000839
10	(021)	100150200000
10	(021)	100150200017
10	(021)	200260000000
10	(021)	200260000054
10	(021)	200850000942
10	(021)	201446000163
10	(021)	201940000207
10	(021)	203550001255
10	(021)	302270000116
10	(021)	302270000165
13	(027)	000700001363
13	(027)	000700001414
13	(027)	000700001465
13	(027)	000700001564
15	(031)	002700001104
15	(031)	002700001130
15	(031)	002700001147
15	(031)	201910000821
16	(033)	000950002392
17	(035)	100500000189
17	(035)	100500000221
21	(043)	000810000362
21	(043)	100400003705
21	(043)	100400003739
23	(047)	100500001368
23	(047)	200900000953
24	(510)	202950000313

STANDARD SAMPLES DELETED
(Entirely on bridges)

07	(015)	100400000058
20	(041)	100500002442
23	(047)	100500001404
23	(047)	200900001074
24	(510)	003950000000
24	(510)	003950000067
24	(510)	003950000086
24	(510)	100950000661
24	(510)	206950000000



STANDARD SAMPLES DELETED BY FEDS.
(Entirely on bridges)

02	(003)	006950000207
02	(003)	200700000027
03	(005)	008950000422
07	(015)	100400000000
08	(017)	103010000000
10	(021)	100400001790
21	(043)	200580000323
24	(510)	003950000128
24	(510)	108950000456

STANDARD SAMPLES CHANGED ITEM #22 = 2

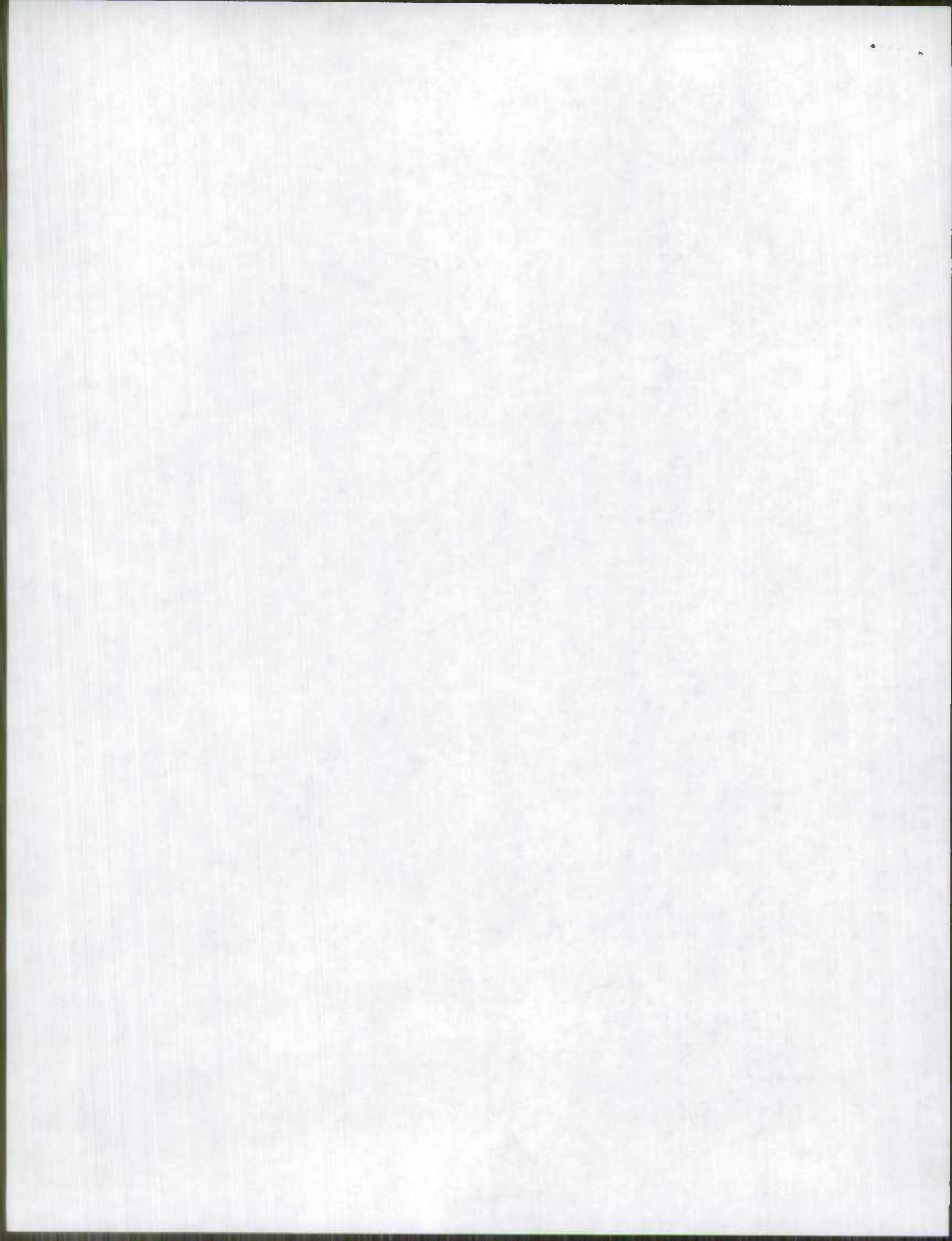
02	(003)	006950000000
02	(003)	100500001115
02	(003)	100500001136
02	(003)	200020001797
02	(003)	200700000124
02	(003)	206950000091
03	(005)	007950000393
07	(015)	100010000000
07	(015)	100400001359
07	(015)	202130001928
13	(027)	100290000326
15	(031)	004950000000
15	(031)	004950000052
16	(033)	100950000053
17	(035)	100500000675
23	(047)	200900000609
23	(047)	200900001141
24	(510)	008950000639
24	(510)	100950000158
24	(510)	100950000813
24	(510)	100950000963
24	(510)	202950000192

DONUT SAMPLES ADDED

03	(005)	200450001003
03	(005)	200450001114
07	(015)	202130002204
07	(015)	202130002508
07	(015)	202720001243
08	(017)	202100000654
10	(021)	200310000000
12	(025)	100015000013
12	(025)	200070000711
12	(025)	200070000728
12	(025)	201470000000
12	(025)	201470000072
12	(025)	201610000005
12	(025)	201610000485
12	(025)	205430000147
12	(025)	205430000277
15	(031)	200270000328
15	(031)	201900000501

DONUT SAMPLES DELETED

08	(017)	300480000000 - Due to "E" surface. Unable to count traffic
----	-------	---



1996 Sample

STANDARDS

+
DONUT

031 002702500019 ✓

031 203550000383 ✓

005 200450000226 ✓

015 202130001817 ✓

001 200530000250 ✓

001 206380000000 ✓

001 206380000007 ✓

001 206380000012 ✓

017 200060002929 ✓

017 306230000000 ✓

045 100500001586 ✓

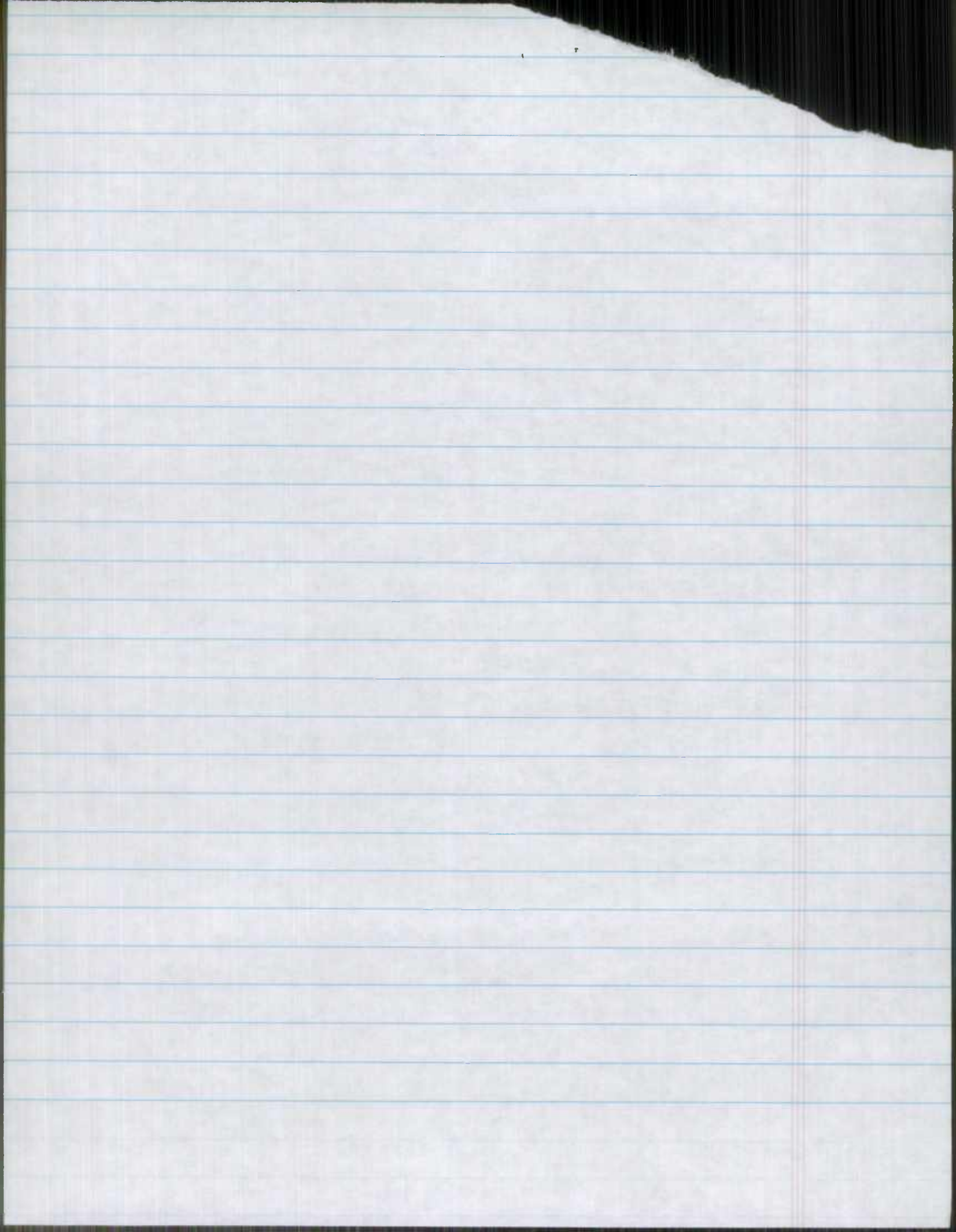
045 100500001603 ✓

033 005950000808 ✓

033 005950000908 ✓

035 100500000645 ✓

035 100500000665 ✓



UNR33W. 100008 1996

- F/C 11 vlg
- ① 30K
 - ② none
 - ③ 3+OK
 - ④ 3+OK
 - ⑤ 2 need 1 ✓
 - ⑥ 3+OK
 - ⑦ 3+OK
 - ⑧ 3+OK
 - ⑨ 3+OK
 - ⑩ NONE OK
 - ⑪ 3OK
 - ⑫ none
 - ⑬ none

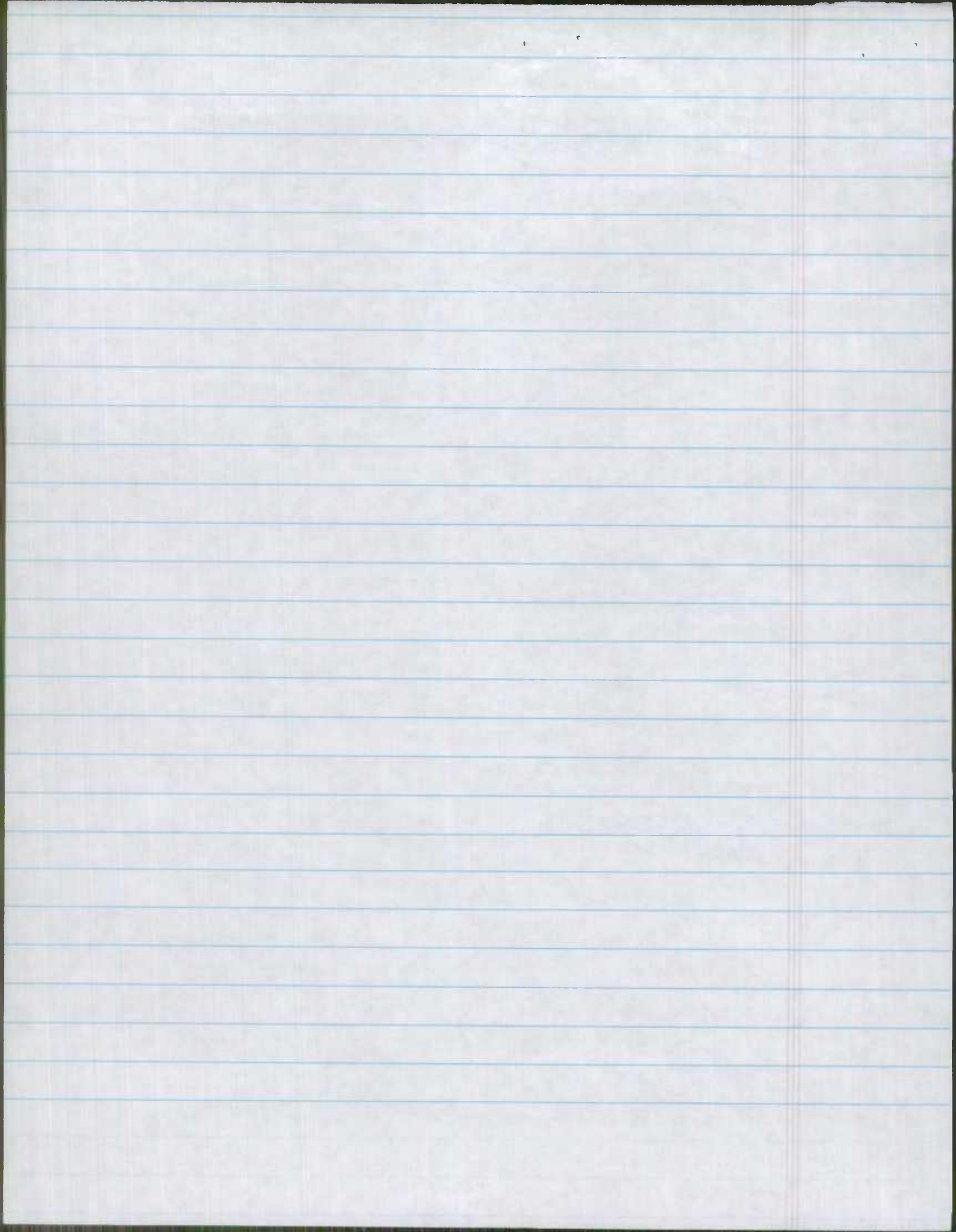
WDED

031 002702500019 . 60

- F/C 12 vlg
- ① 3+OK
 - ② 3+OK
 - ③ 3+OK
 - ④ 3+OK
 - ⑤ 3OK
 - ⑥ 3OK
 - ⑦ ⑬ NONE ✓

- F/C 14 vlg
- ① none OK
 - ② 30K
 - ③ 3+OK
 - ④ 3+OK
 - ⑤ 3+OK
 - ⑥ 3+OK
 - ⑦ 3+OK
 - ⑧ 3+OK

⑨ 3+OK
 ⑩ 3+OK
 ⑪ 1-1 left 031 203550000383 ✓
 ⑫ ⑬ none ✓



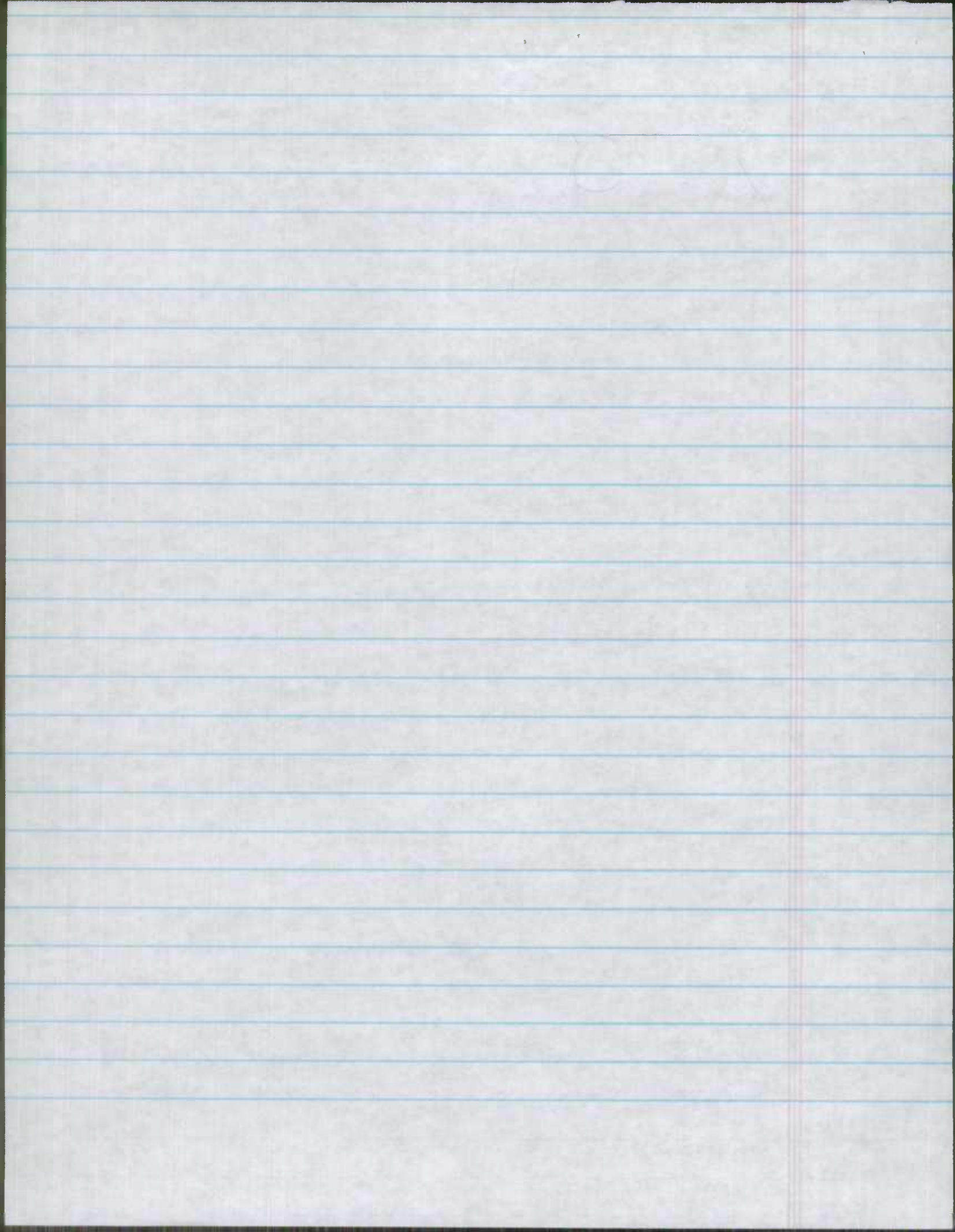
Unseen 00008

F/C 16

- 1-10 30K
- ② 30K
- ③ 30K
- ④ 30K
- ⑤ 30K
- ⑥ 30K
- ⑦ 30K
- ⑧ 30K
- ⑨ 30K
- ⑩-15 none OK

F/C 17

- ① 30K
- ② 30K
- ③ 30K
- ④ 30K
- ⑤ 30K
- ⑥ 30K
- ⑦ 30K
- ⑧-13 none OK



F/C (11)

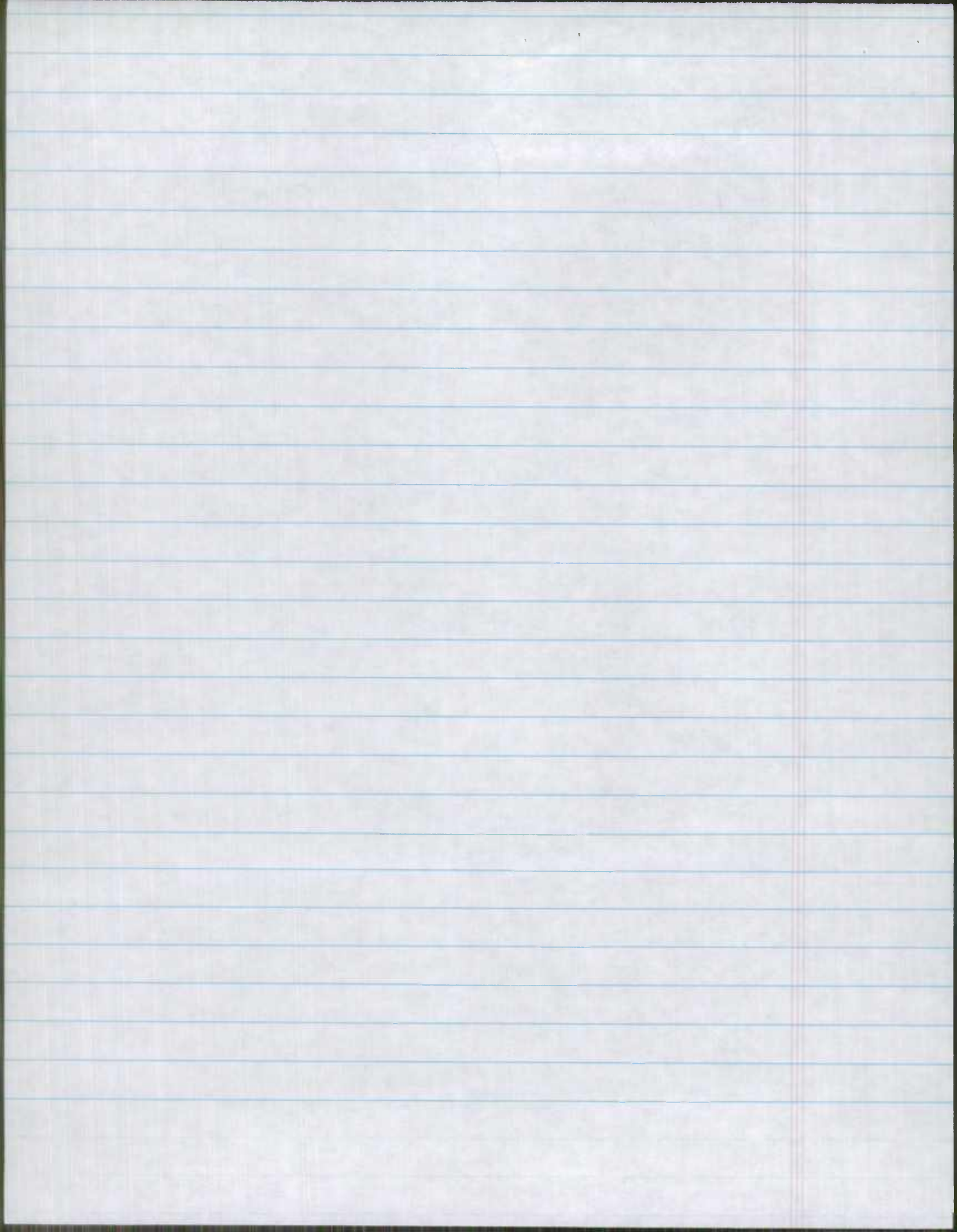
- 1/6-10 3OK
- 2 3+OK
- 3 3+OK
- 4 3+OK
- 5 3OK
- 6 3+OK
- 7 3+OK
- 8 3OK
- 9-13 none OK

F/C (12)

- 1/6-10 3+OK
- 2 3+OK
- 3 3+OK
- 4 3OK
- 5 3+OK
- 6-13 none OK

F/C (14)

- 1/6-10 none OK
- 2 1-10090 OK
- 3 3+OK
- 4 3+OK
- 5 3+OK
- 6 3+OK
- 7 3+OK
- 8 3+OK
- 9 3+OK
- 10 3+OK
- 11-13 none OK



UR/SAN 12

F/L16

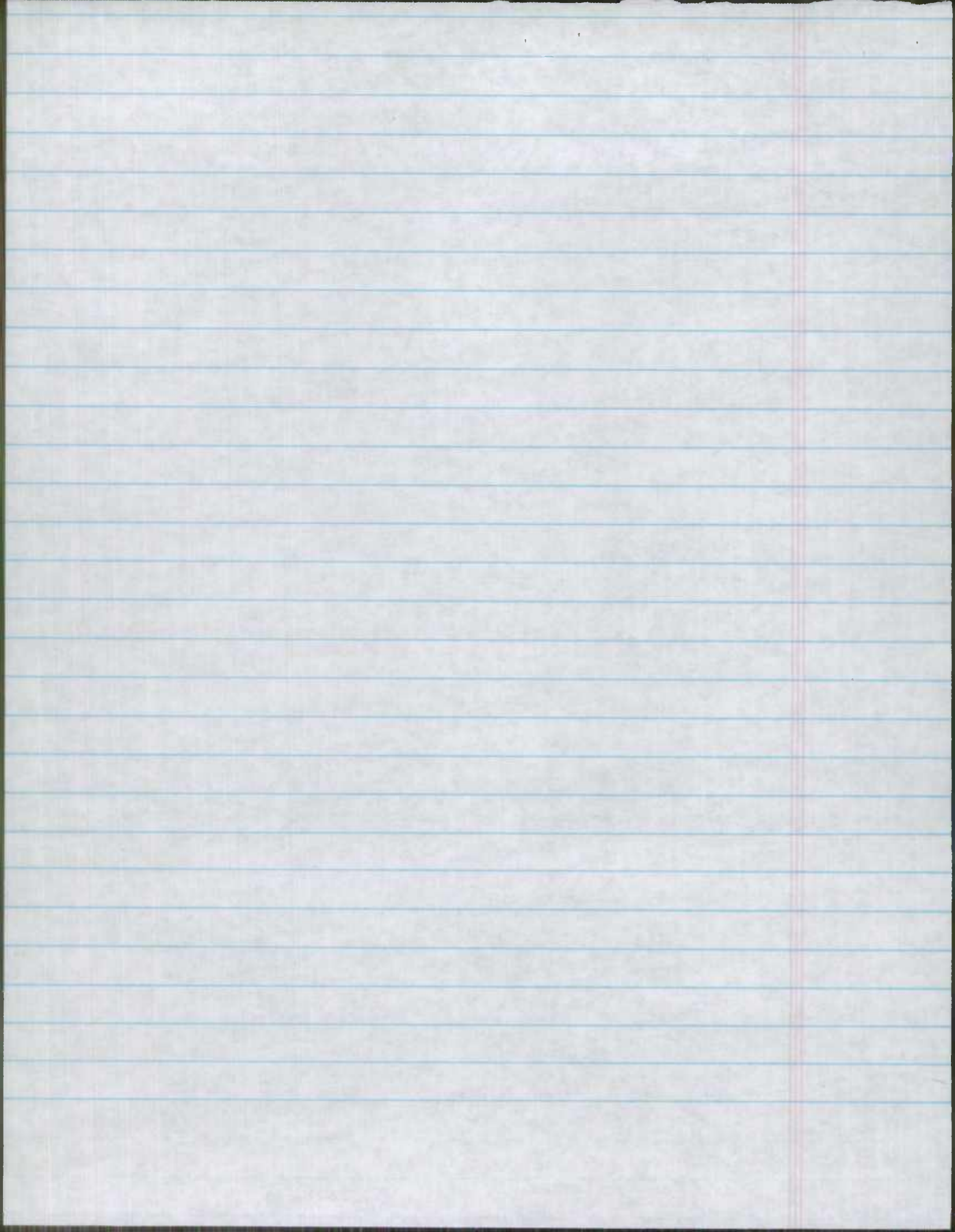
- 1601 3+ok
- 2 3+ok
- 3 3+ok
- 4 3+ok
- 5 3+ok
- 6 3+ok
- 7 3+ok
- 8 3+ok
- 9 3ok
- 10 3ok
- 11-13 none ok

F/L17

- 1601 3+ok
- 2 3ok
- 3 3+ok
- 4 3+ok
- 5 3ok
- 6 2 need 1
- 7 3ok
- 8-13 none ok

Count ✓

005 200450000226



URBAN 00063

FLC 11

- 1/6 1 & 2 none ok
- 3 100% ok
- 4-13 none ok

12

- 1/6 1 - 30k
- 2-13 none ok

14

- 1/6 1 & 2 none ok
- 3 30k
- 4 2 need 1
- 5 3t ok
- 6 100% ok
- 7 3t ok
- 8-13 none ok

coded

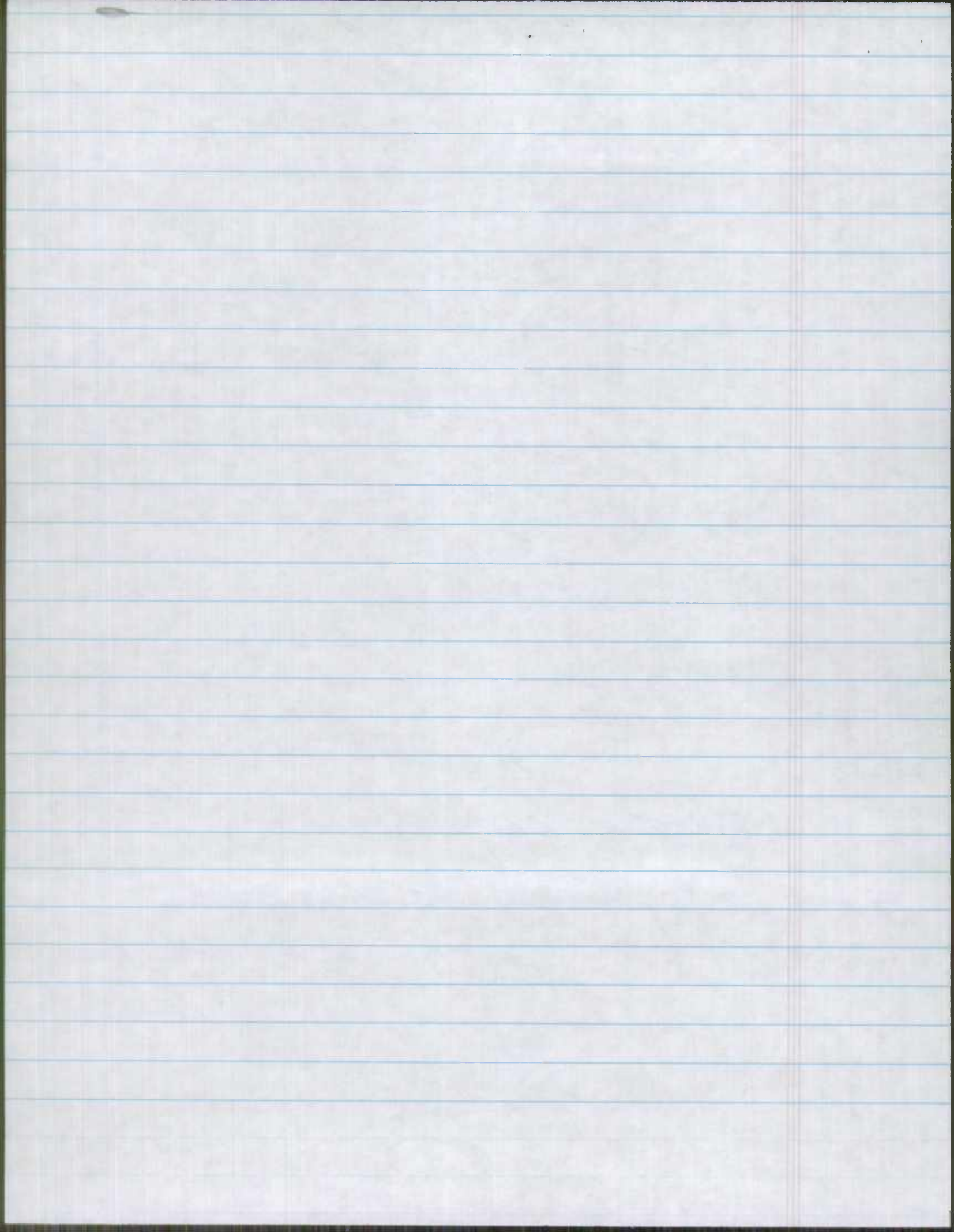
015 202130001817 ✓

FLC 16

- 1 100% ok
- 2 3t ok
- 3 30k
- 4-13 none ok ✓

FLC 17

- 1/6 1 30k
- 2 30k
- 3 30k
- 4-13 none ok



UNBORN - < 200,000

284

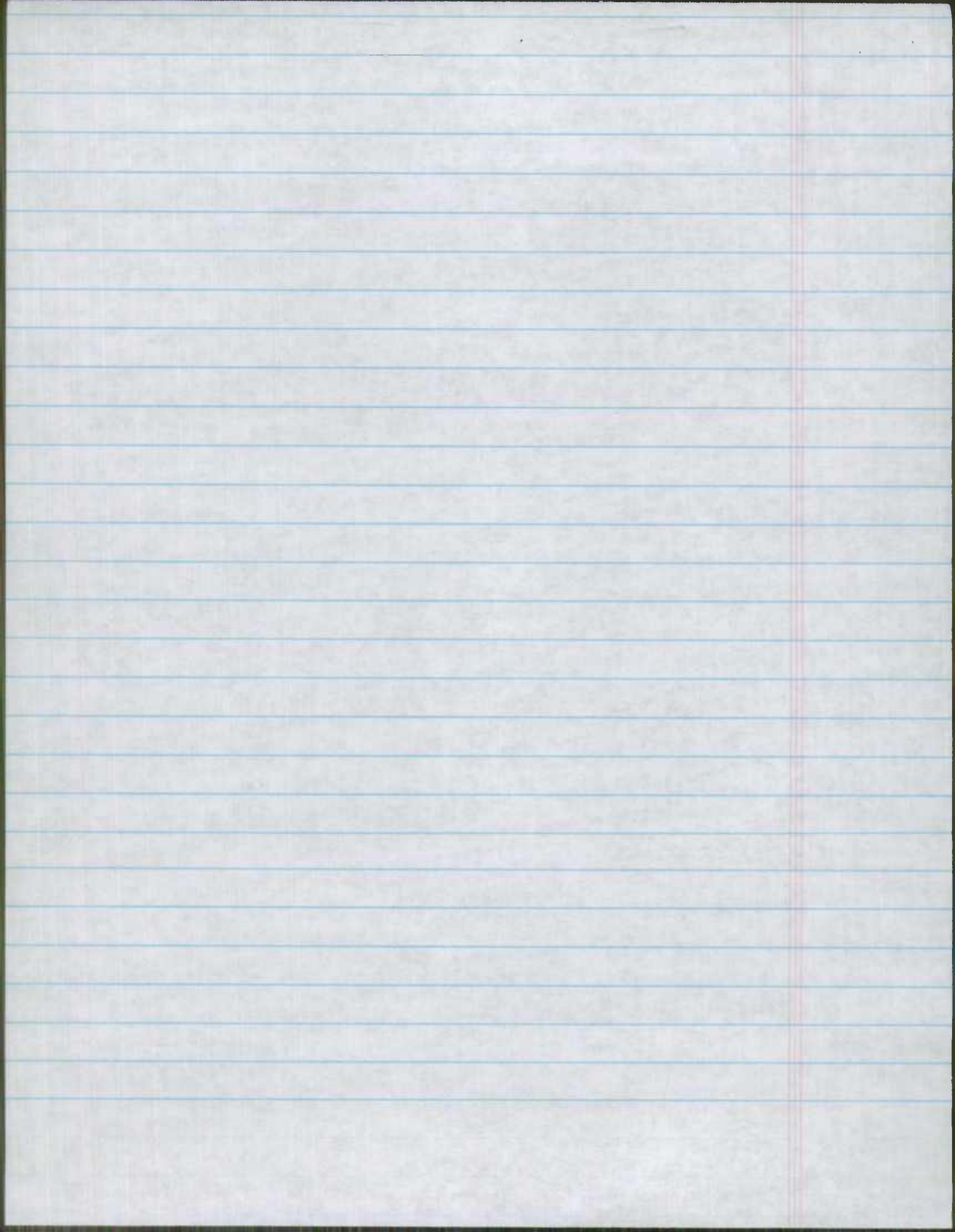
- PKC (11)
 - 1 none ok
 - 2 3+ok
 - 3 100% ok
 - 4-13 none ok

12 none ok ✓

- 14 (14)
 - 1 none ok
 - 2 3+ok
 - 3 3+ok
 - 4 3+ok
 - 5 3ok
 - 6 3ok
 - 7 3ok
 - 8-13 none ok

- 16 (16)
 - 1 3+ok
 - 2 3ok
 - 3 3+ok
 - 4 3+ok
 - 5 3ok
 - 6-13 none ok ✓

- 17 (17)
 - 1 3+ok
 - 2 3ok
 - 3 3ok
 - 4 3ok
 - 5 3ok
 - 6 2-100% b
 - 7-13 none ok ✓



F/11) 1600 3+ OK
② 3+ OK
③-13 none OK

⑫ none OK

⑭ ① none OK
② 3 OK
③ 3+ OK

order ④ 2 need 1 - 001 200 530000250
⑤ 3+ OK
⑥-13 none OK

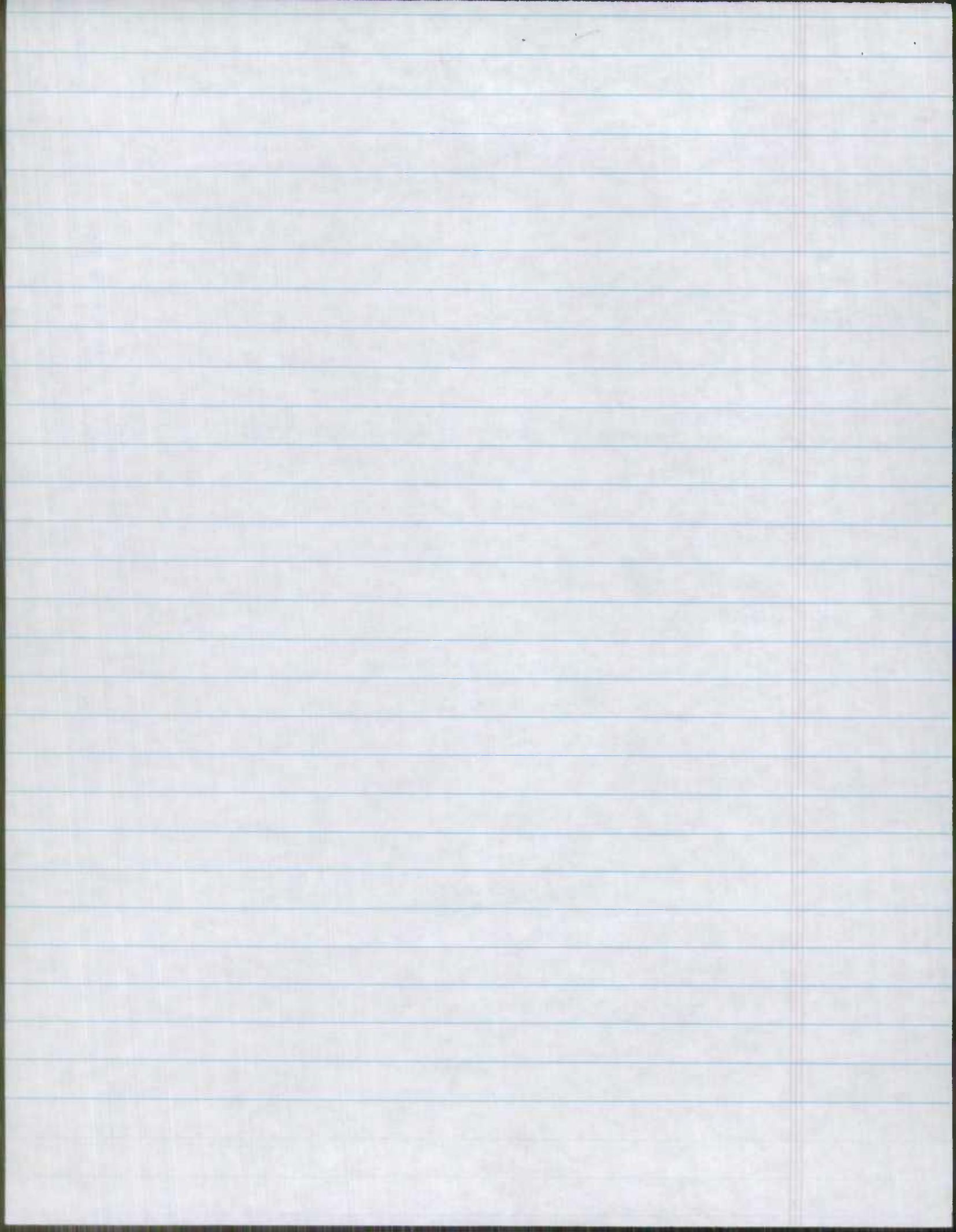
⑯ 1600 3+ OK
② 3+ OK
③ 3+ OK
④ 3+ OK
⑤-13 none OK

⑰ 1600 3+ OK
② 3+ OK

order ③ none need 3 -

001	206380000000
001	206380000007
001	206380000012

④ 3 OK
⑤-13 none OK



F/C 11

11

none OK

2

2-100% OK

3

3 OK

4

3 OK

5

-1 - 100% OK

6-13

none OK

F/C 17

17

12

1 none OK

2

3 OK

3-4

none OK

5

2 - 100% OK

6-13

none OK

14

1

100% OK

2

none OK

3

3 OK

4

3 OK

5

3 OK

6

2 - 100% OK

7

3 OK

8

3 OK

9-13

none OK

16

1

3 - 100% OK

2

2 - 100% OK

3

3 OK

4

3 OK

5

3 OK

6

3 + OK

7

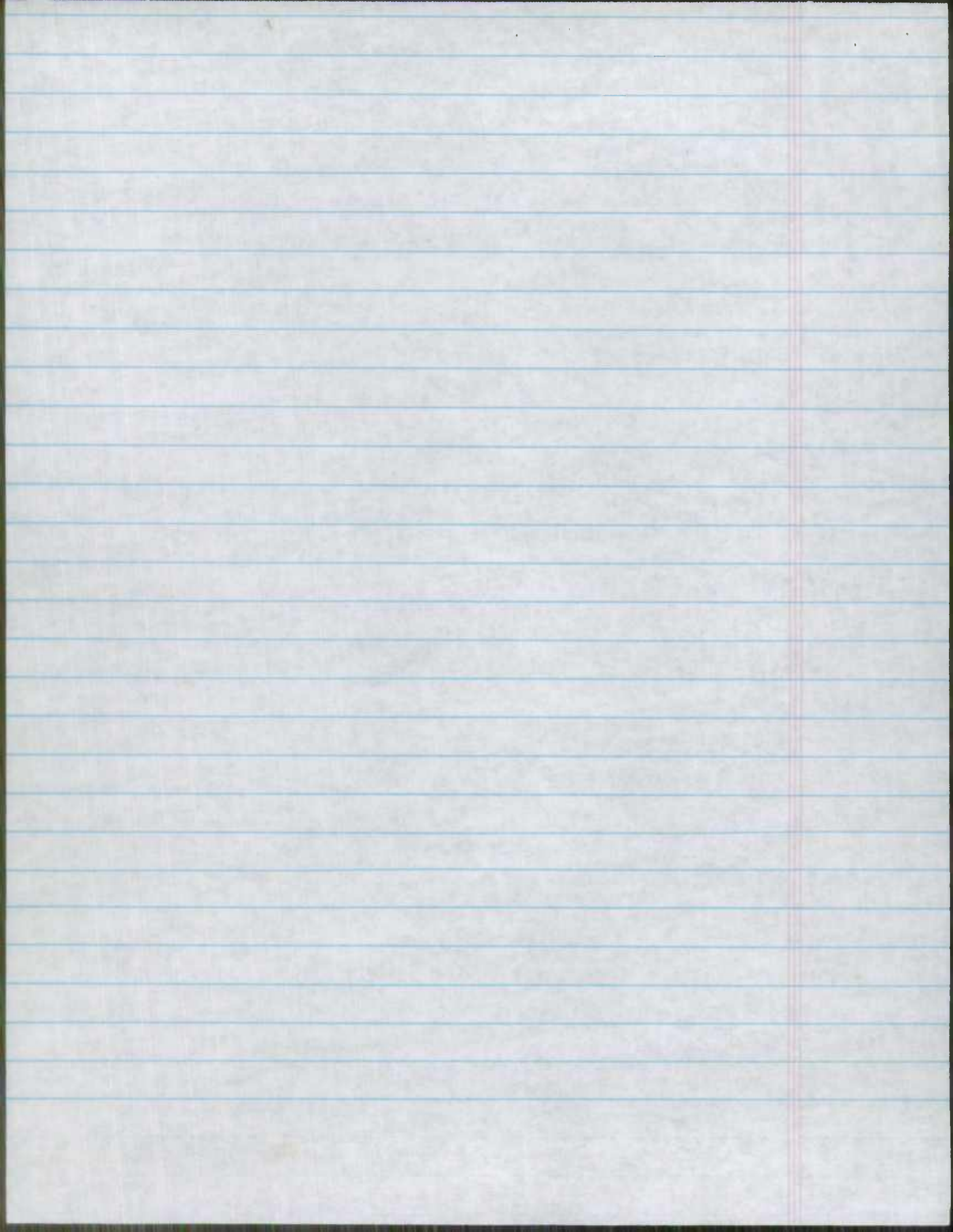
3 OK

8

3 + OK

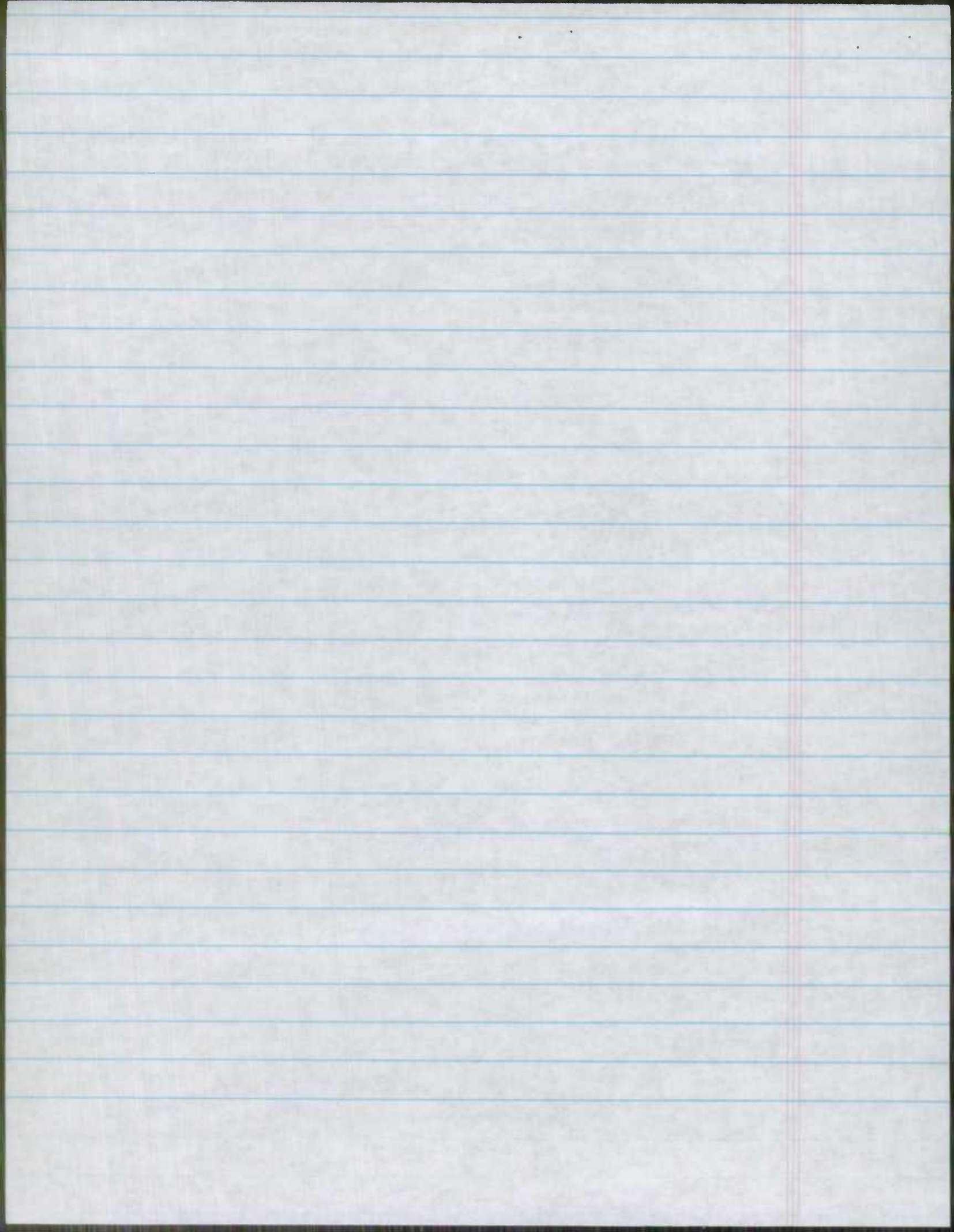
9

13 none OK



unnisn 00331 (an'f)

- F/L (17) r/c (1) 3to15
② 3to11
③ 3toK
④ 3toK
⑤ 3toK
⑥ 3toK
⑦ 3toK
⑧ 2-10070



URBAN 388

AC 11

- 1) none ok
- 2) 3+ok
- 3) 3+ok
- 4) 3ok
- 5-13) none ok

AC 170 3+ok

- 2) 2 ok (top road available)
- 3) 3+ok
- 4) 3+ok
- 5) 3ok
- 6) 3+ok
- 7-13) ok

12

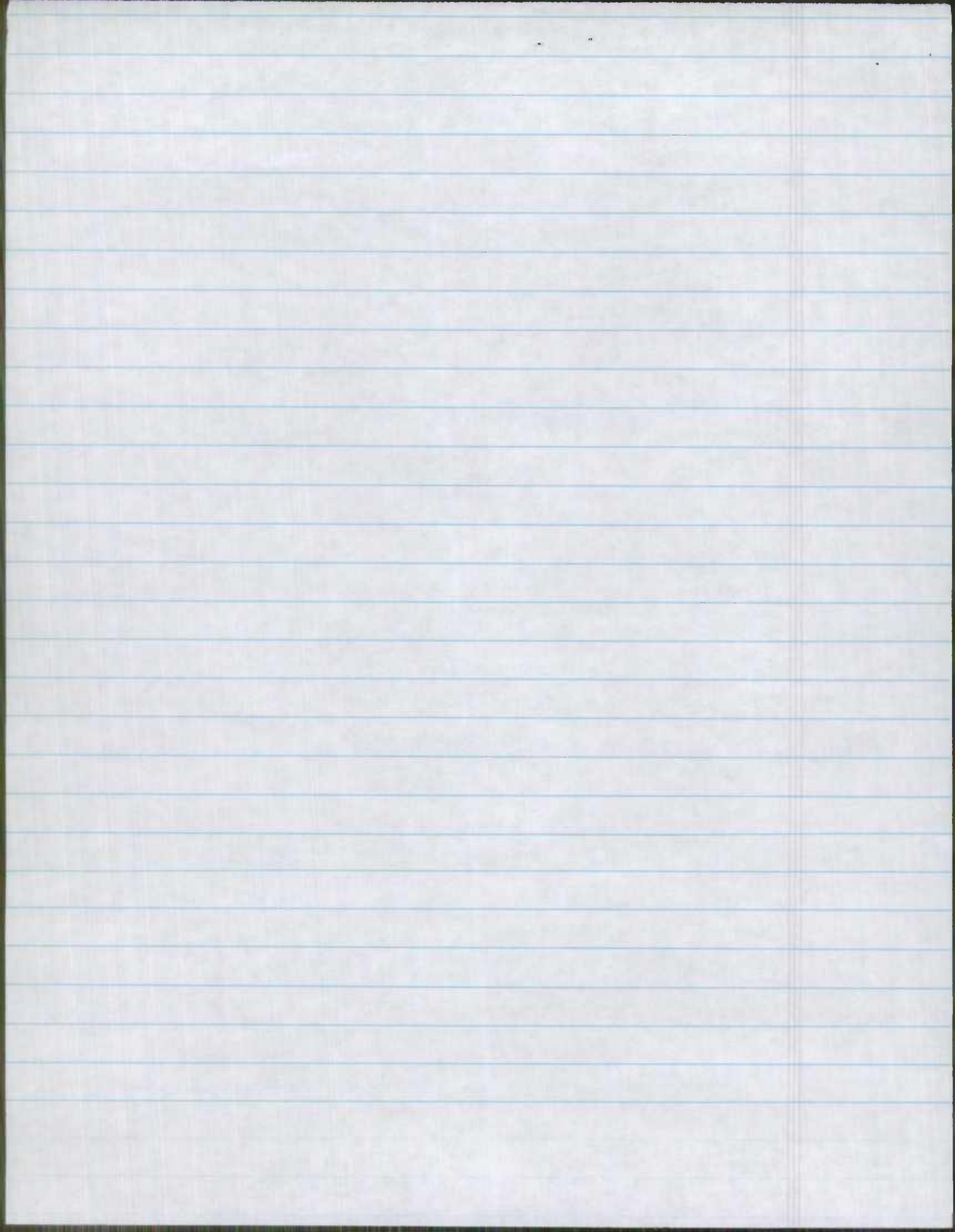
- 1) 3ok
- 2) 3+ok
- 3) 1-100+ok
- 4) 3+ok
- 5) 13) none ok

14

- 1) none ok
- 2) 3 ok
- 3) 3+ok
- 4) 3ok
- 5) 3+ok
- 6) none ok
- 7) 3ok
- 8) none ok
- 9) 3ok
- 10-13) none ok

16

- 1) 3ok
- 2) 3ok
- 3) 3ok
- 4) 3ok
- 5) 3ok
- 6) 3ok
- 7) 3ok / 8-13) none ok



SMALL URGENT

11) none ok

12) 1) none ok

2) 3 to 1

3) 3 ok

4) 1-need 2

5) 3 ok

6-13) none ok

045 100500001586
045 100500001603

14) 1) 3 ok

2) 3 to 1

3) 3 to 1

4) 3 ok

5) 3 ok

6) 3 to 1

7) 3 to 1

8) 2-100% ok

9) 3-100% ok

10) 3 ok

11) 100%

12) 100%

17) 1) 3 to 1

2) 3 to 1

3) 3 to 1

4) 3 to 1

5) 3 to 1

6) 3 to 1

7) 3 to 1

8-13) none ok

16) 1) 3 to 1

2) 3 to 1

3) 3 to 1

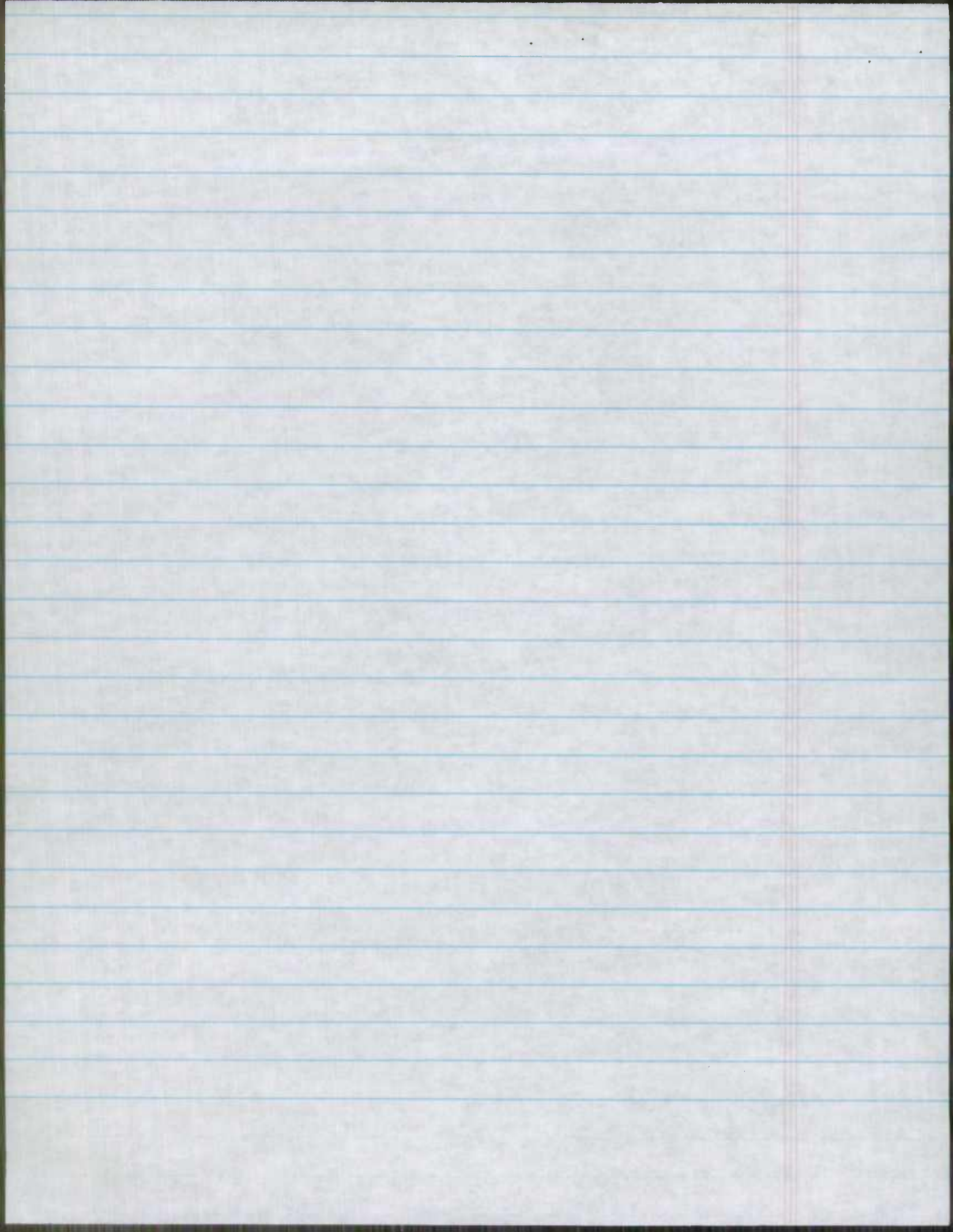
4) 3 to 1

5) 2 need 1

6) 1-only 1 initialize 017

7) 3 ok

047 3062300000000



REVENUE

1/1/01 160 3 OK

② 3 OK

③ 3 OK

④ 3 OK

⑤ 3 OK

⑥ 3 OK

⑦ 3 OK

⑧ 3 OK

used!

⑨ 1-need 2

⑩ 1-10070 OK

⑪ none OK

⑫ 1-10070 OK

⑬ 3 OK

033 005950000808
033 005950000908

① 3 OK

② 3 OK

③ 3 OK

④ 3 OK

⑤ 3 OK

⑥ 3 OK

⑦ 3 OK

used!

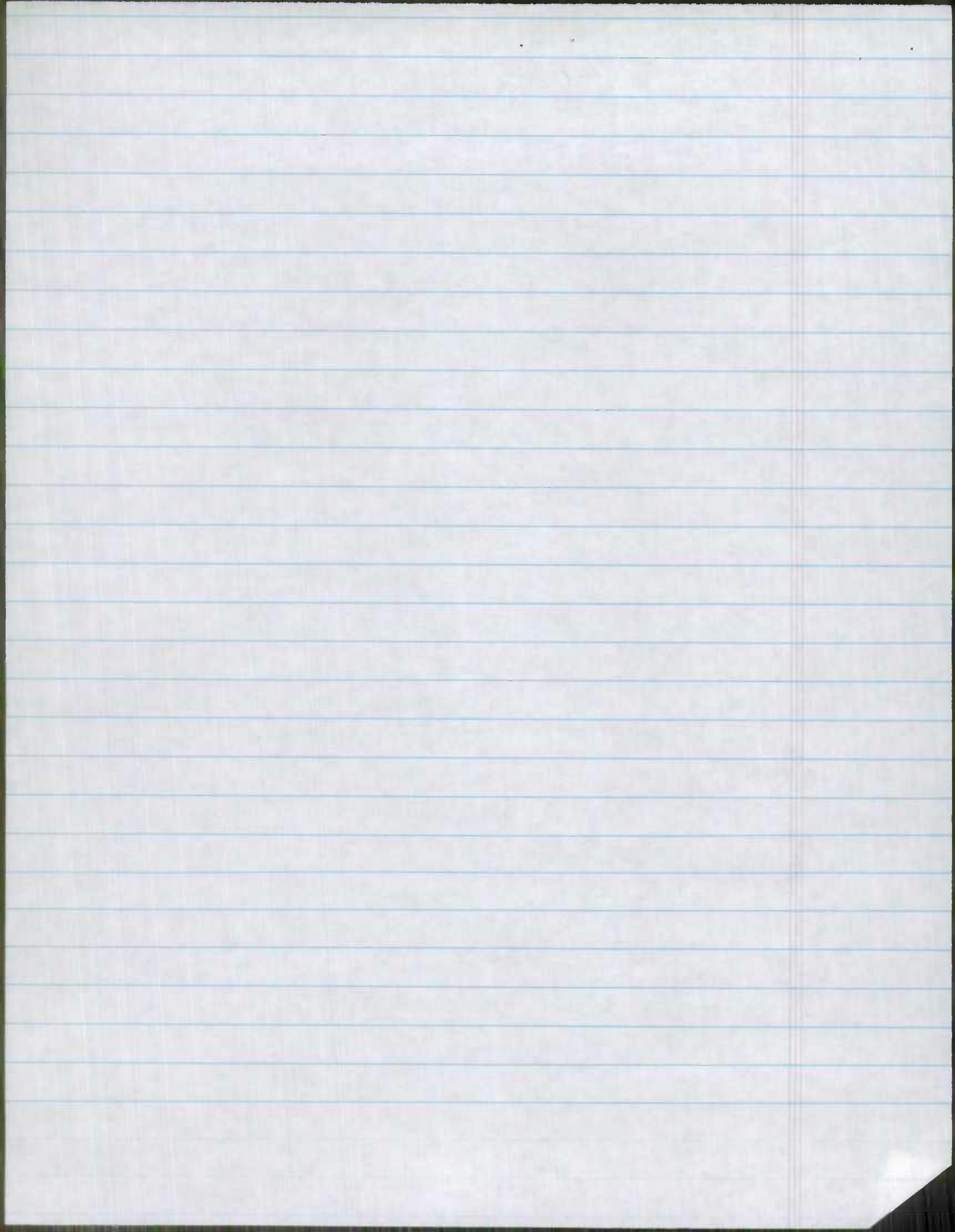
⑧ 1-need 2

⑨ 2-need ① *

⑩ ⑬ none OK

033 100500000645
033 100500000665

1 AVAILABLE @ 017 100500000000
IS ENTIRELY ON GNDGE ITEM 22 ④



Rump C

- 16 (06) ① 3+015
- ② 3+015
- ③ 3+015
- ④ 3+015
- ⑤ 3+015
- ⑥-13 none ok

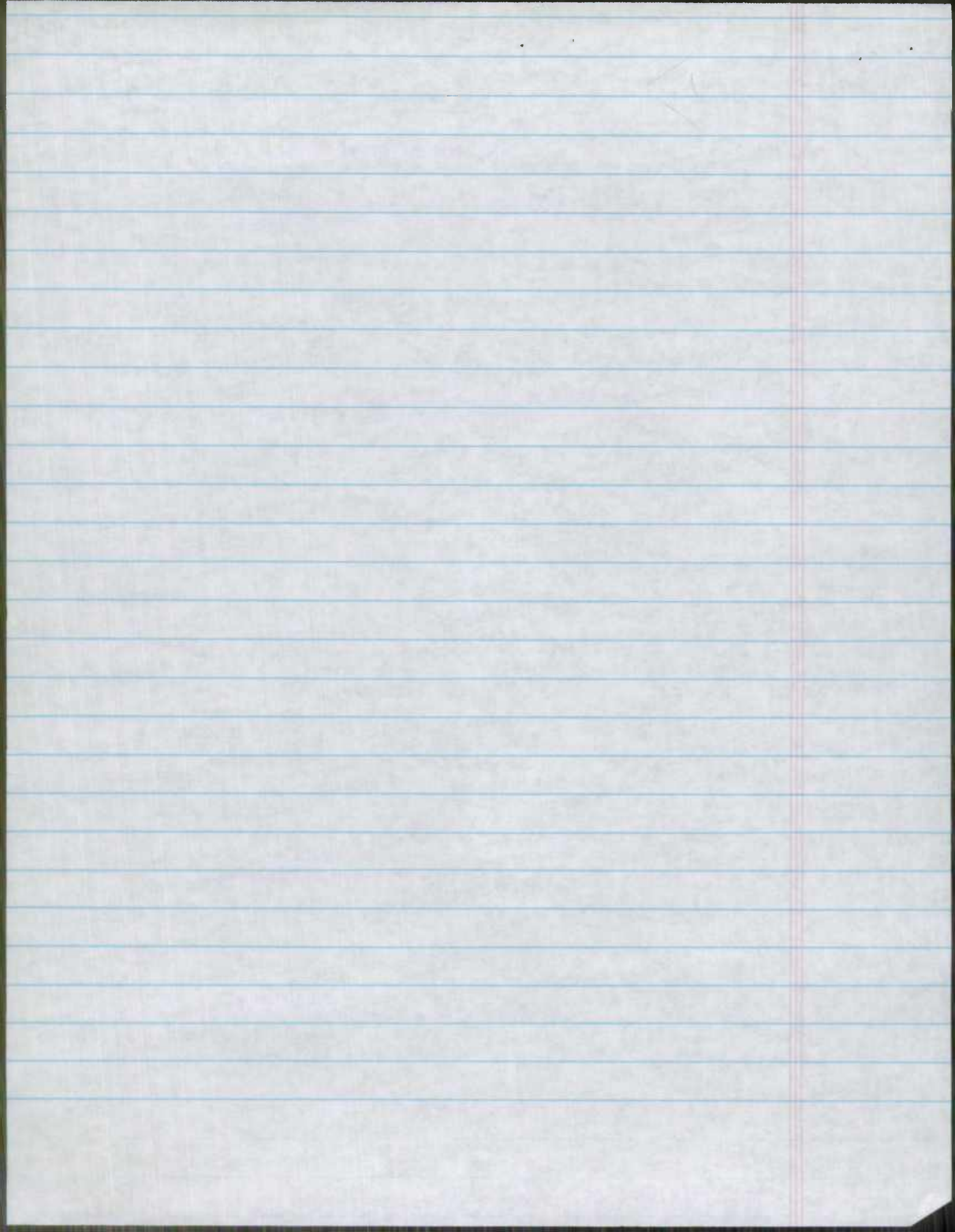
- 07 ① 3+015
- ② 3+015
- ③ 3+015
- ④ 3+015

adad

- ⑤ 2-need ①
- ⑥-13 none ok

017 20006000 29 29

57-1
59-2
80-2



pic
06/16

WASH DONUTS

- ① 3tok
- ② 3tok
- ③ 3ok
- ④ 3tok
- ⑤ 2-needs -
6+15 name ok

003 202140000708 added

0100

7/17

- ① 3+ok
- ② 3+ok
- ③ 3ok
- ④ 3ok
- ⑤ 3ok

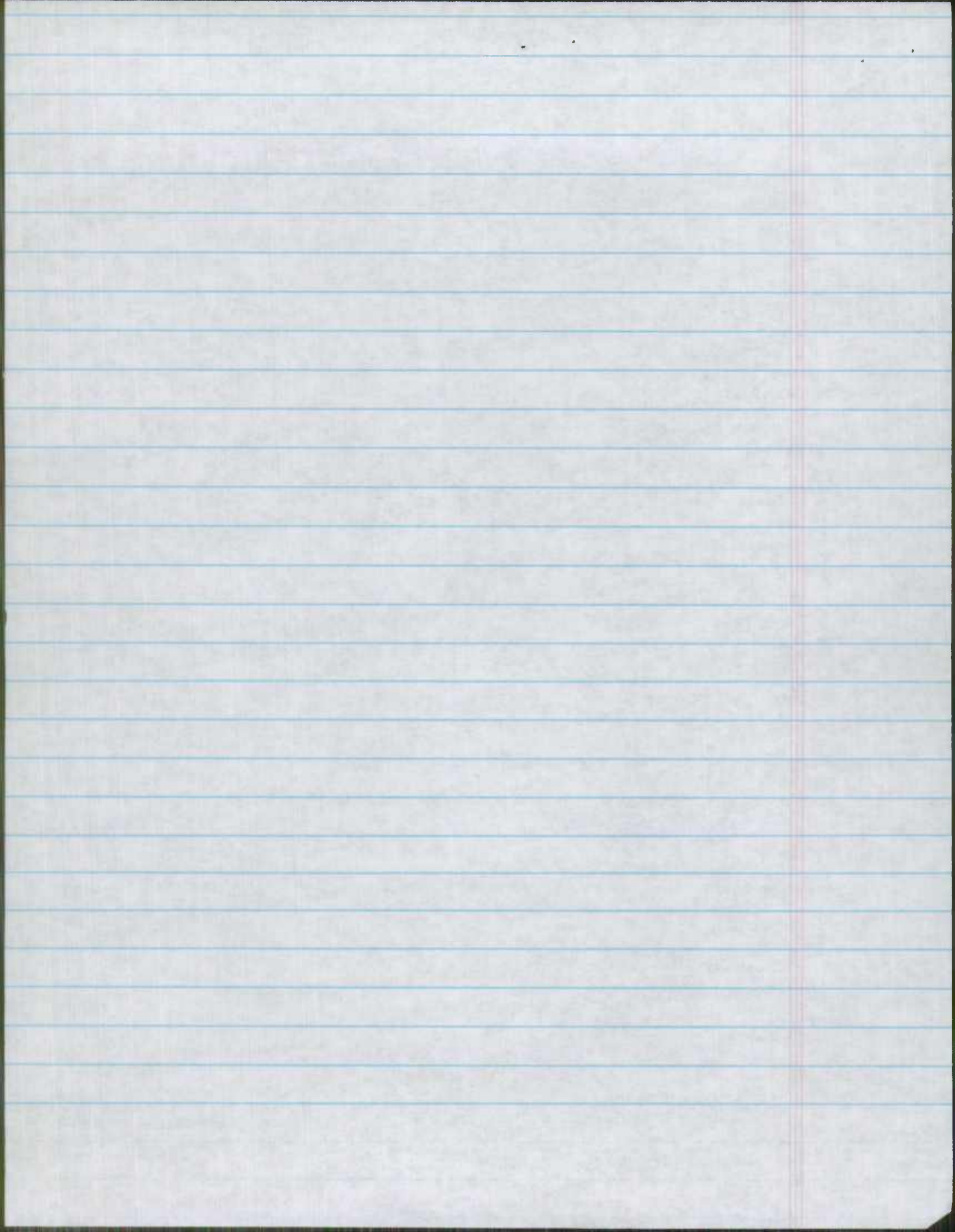
WASH DONUTS

7/17

- ① 3tok
- ② 3tok
- ③ 3tok
- ④ 3tok
- ⑤ 3tok

6/16

- ① 3ok
- ② 3ok
- ③ 3tok
- ④ 3ok
- ⑤ 3tok



NOTES

1995 SUBMISSION

06 MD 851

78-123

has manual local
new uniform book
(UNIFORM AREA 00933)
NEW CODING ERROR

10 MD 351

+ .56 UNIFORMS
- .56 R-1111 UNIFORMS
CODING ERROR

IMPORTANT MESSAGE

FOR _____

DATE _____ TIME _____ A.M.
P.M.

M _____

OF _____

PHONE _____

AREA CODE

NUMBER

EXTENSION

FAX

MOBILE _____

AREA CODE

NUMBER

TIME TO CALL

TELEPHONED

PLEASE CALL

CAME TO SEE YOU

WILL CALL AGAIN

WANTS TO SEE YOU

RUSH

RETURNED YOUR CALL

SPECIAL ATTENTION

MESSAGE _____

SIGNED _____

TOPS



FORM 3002S
LITHO IN U.S.A.

Donu \rightarrow - Ceal

PLC 07 ① 3+OK

② 3+OK

③ 3+OK

④-13 wave ok

06 ① 3+OK

② 100% 70

③ 3+OK

④ 3+OK

⑤ 3+OK

