

URANIUM (pCi/g U)

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.

LEGEND

- 8 URANIUM  
1 - 94 pCi/g U
- 120 URANIUM  
95 - 219 pCi/g U
- URANIUM  
> 219 pCi/g U

R HIT ROCK -  
NO SAMPLE



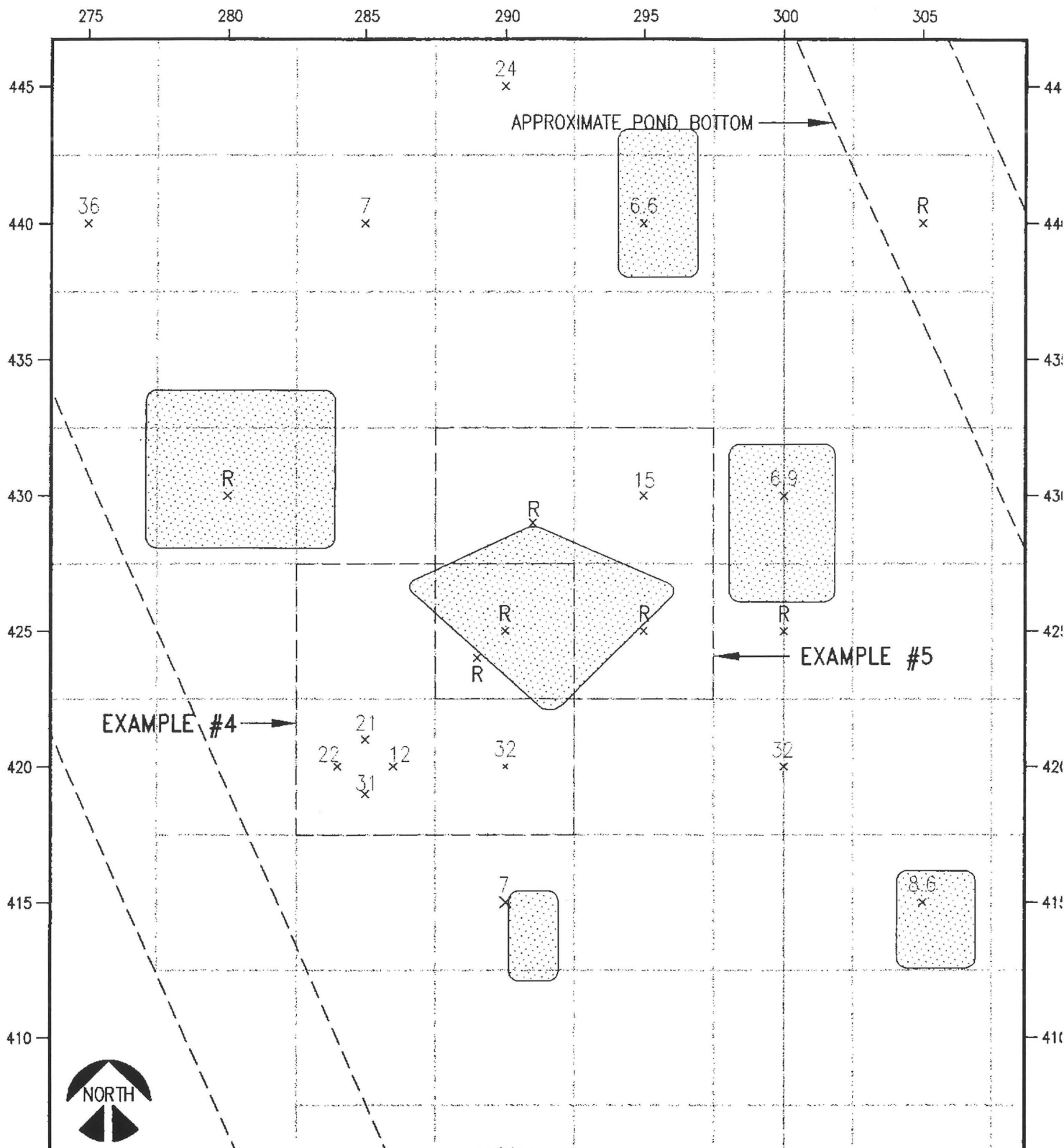
CIMARRON CORPORATION

CIMARRON FACILITY  
PHASE III - SUB-AREA 0  
URANIUM WASTE POND #1  
FINAL STATUS SURVEY RESULTS - SOIL  
SOIL SAMPLE ALIQUOT: 8' - 9'

REV.	DESCRIPTION	DRWN. BY	CHK'D BY	APP'D BY	DATE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98

DRWN. BY	JE	DATE	1/1/98	SCALE	AS SHOWN
JOB NO.		DRAWING NO.	97P1DV-8	REV.	0

... \UPOND1 \POST-REM \97DEV-8A



URANIUM (pCi/g U)

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.

5 0 5



SCALE IN METERS

LEGEND

- 6 2 URANIUM 1 - 94 pCi/g U
- 120 URANIUM 95 - 219 pCi/g U
- URANIUM > 219 pCi/g U

R x HIT ROCK - NO SAMPLE



CIMARRON CORPORATION

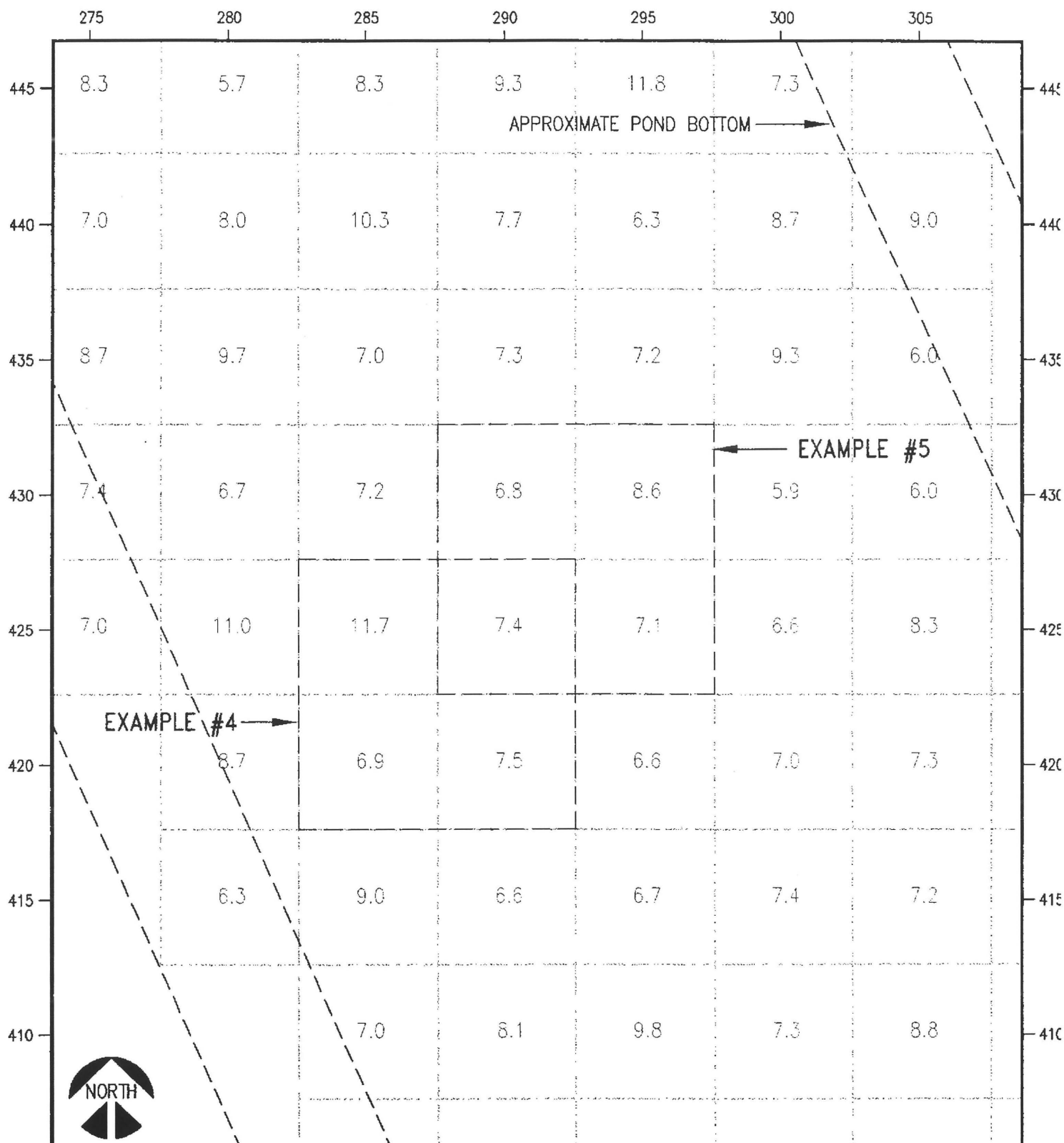
CIMARRON FACILITY  
PHASE III - SUB-AREA 0  
URANIUM WASTE POND #1  
FINAL STATUS SURVEY RESULTS - SOIL  
SOIL SAMPLE ALIQUOT: 9' - 10'

REV.	DESCRIPTION	DRWN BY:	CK'D BY:	APP'D BY:	DATE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98

DRWN BY: JE	DATE: 1/1/98	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97P1DV-9	REV. 0

... \UPOND1 \POST-REM \97DEV-9A





URANIUM (pCi/g U)

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.

5 0 5  
SCALE IN METERS

LEGEND

- 6 URANIUM  
1 - 94 pCi/g U
- 120 URANIUM  
95 - 219 pCi/g U
- URANIUM  
> 219 pCi/g U
- R HIT ROCK -  
NO SAMPLE

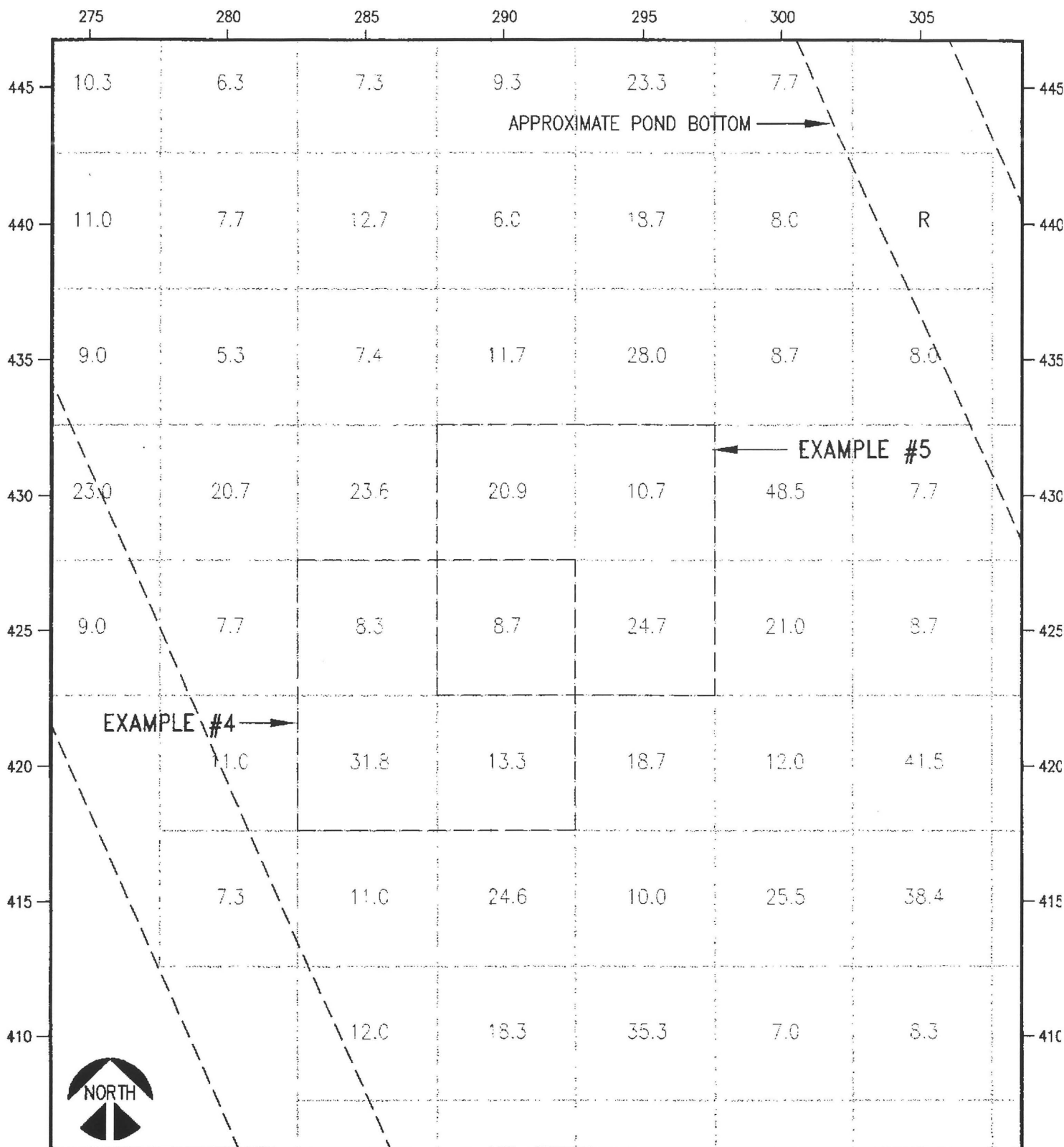


CIMARRON CORPORATION

CIMARRON FACILITY  
URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS  
5 Meter x 5 Meter x 3 Foot Grid  
Average Soil Activity  
0 to 3' Soil Depth

REV.	DESCRIPTION	DRWN BY	CHK'D BY	APP'D BY	DATE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98

DRWN BY JE	DATE 1/1/98	SCALE AS SHOWN
JOB NO.	DRAWING NO. 97P1DV-10	REV. 0



URANIUM (pCi/g U)

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.

5 0 5



SCALE IN METERS

LEGEND

- 6 URANIUM  
1 - 94 pCi/g U
- 120 URANIUM  
95 - 219 pCi/g U
- URANIUM  
> 219 pCi/g U

R HIT ROCK -  
NO SAMPLE



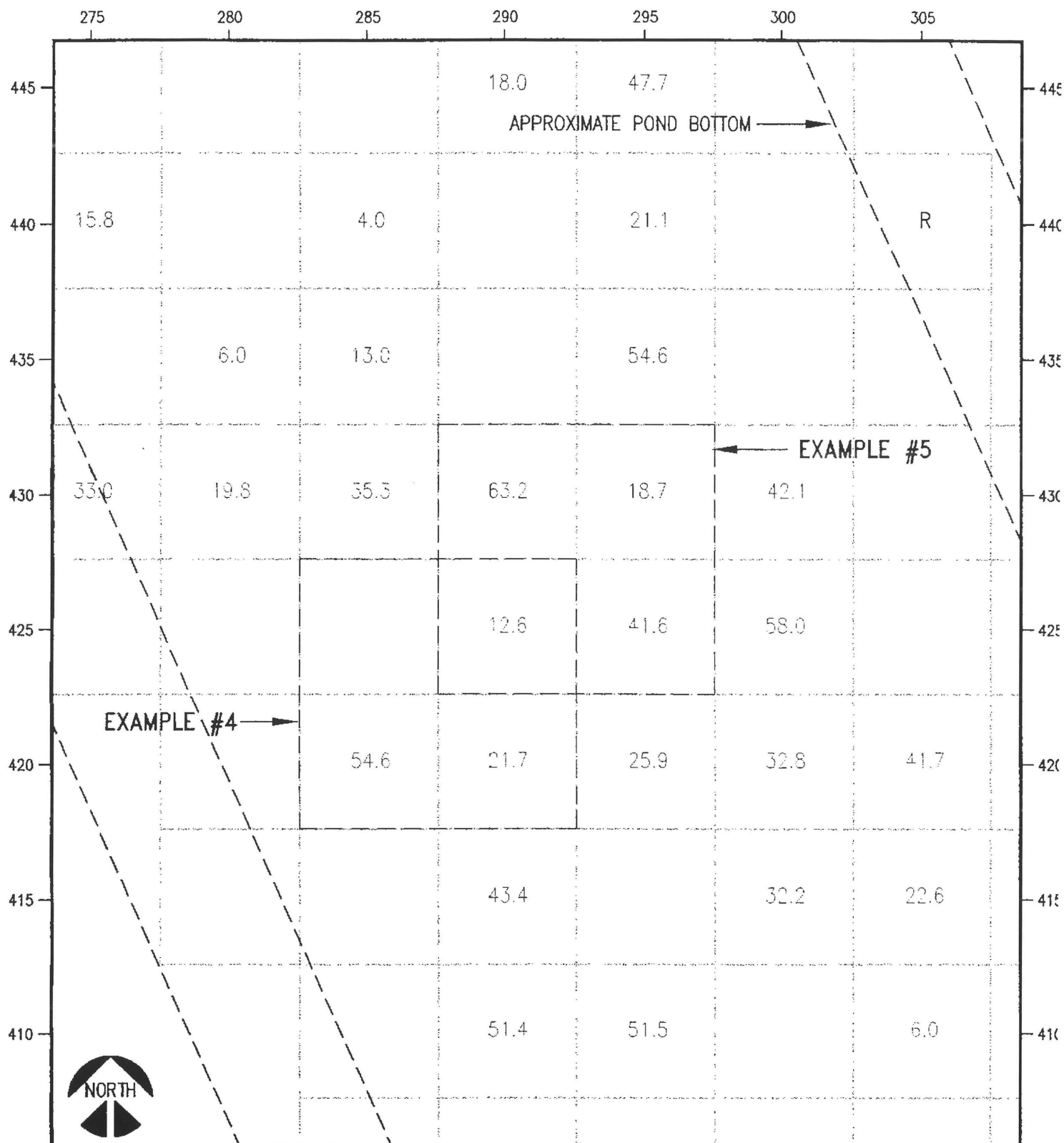
CIMARRON CORPORATION

CIMARRON FACILITY  
URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS  
5 Meter x 5 Meter x 3 Foot Grid  
Average Soil Activity  
3' to 6' Soil Depth

REV.	DESCRIPTION	DRWN BY:	CKD BY:	APPD BY:	DATE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98

DRWN BY: JE	DATE: 1/1/98	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97P1DV-11	REV. 0

...\\UPOND1\\POST-REM\\97DEV11A



URANIUM (pCi/g U)

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.



SCALE IN METERS

#### LEGEND

- 6 URANIUM  
1 - 94 pCi/g U
- 120 URANIUM  
95 - 219 pCi/g U
- URANIUM  
> 219 pCi/g U

R HIT ROCK -  
NO SAMPLE



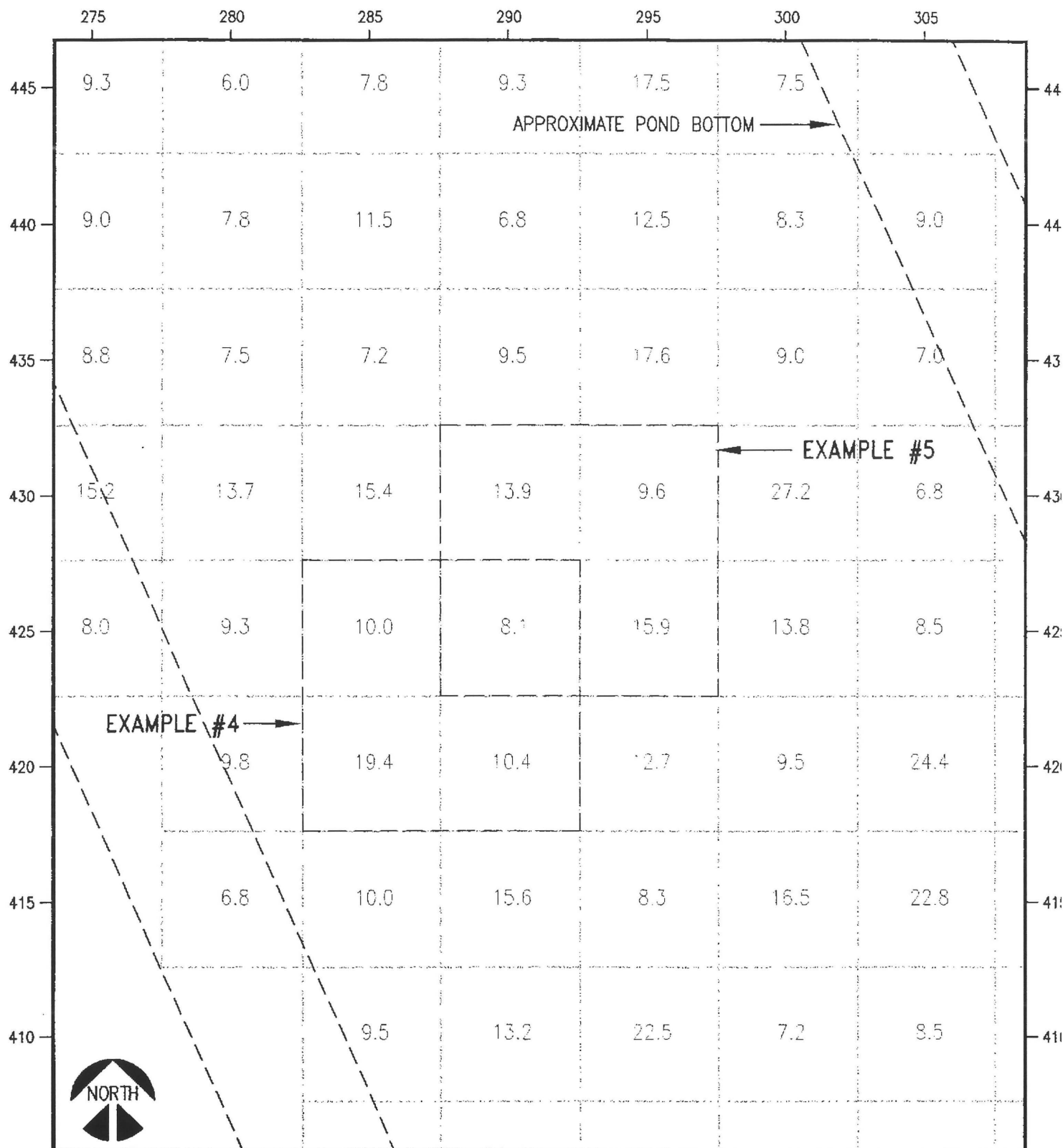
**CIMARRON CORPORATION**

**CIMARRON FACILITY**  
**URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS**  
**5 Meter x 5 Meter x 4 Foot Grid**  
**Average Soil Activity**  
**6' to 10' Soil Depth**

REV.	DESCRIPTION	DRWN. BY	CK'D BY	APP'D BY	DATE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98

DRWN. BY	JE	DATE	1/1/98	SCALE	AS SHOWN
JOB NO.		DRAWING NO.	97P1DV-12	REV.	0

...\\UPOND1\\POST-REM\\97DEV12A



URANIUM (pCi/g U)

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.

5 0 5



SCALE IN METERS

**LEGEND**

6 URANIUM  
1 - 69 pCi/g U  
120 URANIUM  
> 69 pCi/g U



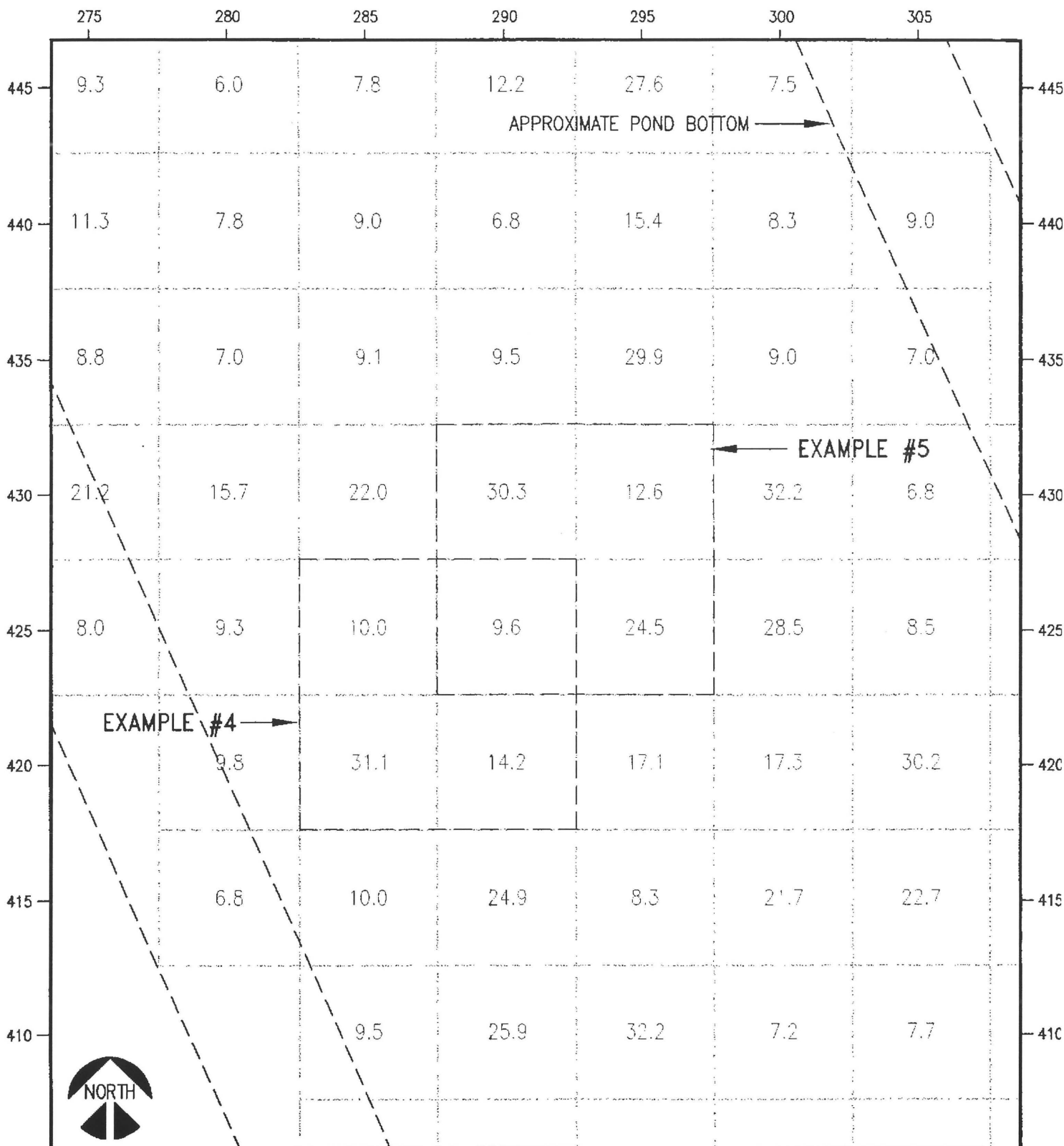
**CIMARRON CORPORATION**

**CIMARRON FACILITY**  
**URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS**  
**5 Meter x 5 Meter x 6 Foot Grid**  
**Average Soil Activity**  
**0 to 6' Soil Depth**

REV.	DESCRIPTION	DRWN BY	CK'D BY	APP'D BY	DATE	SCALE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98	AS SHOWN

JOB NO.	DRAWING NO.	REV.
	97P1DV-13	0

... \UPOND1 \POST-REM \97DEV13A



URANIUM (pCi/g U)

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.

5 0 5



SCALE IN METERS

LEGEND

- 6 URANIUM  
1 - 69 pCi/g U
- 120 URANIUM  
> 69 pCi/g U



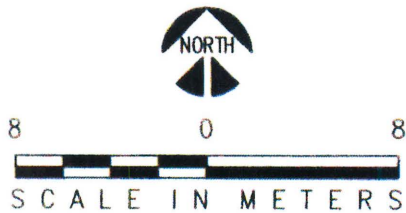
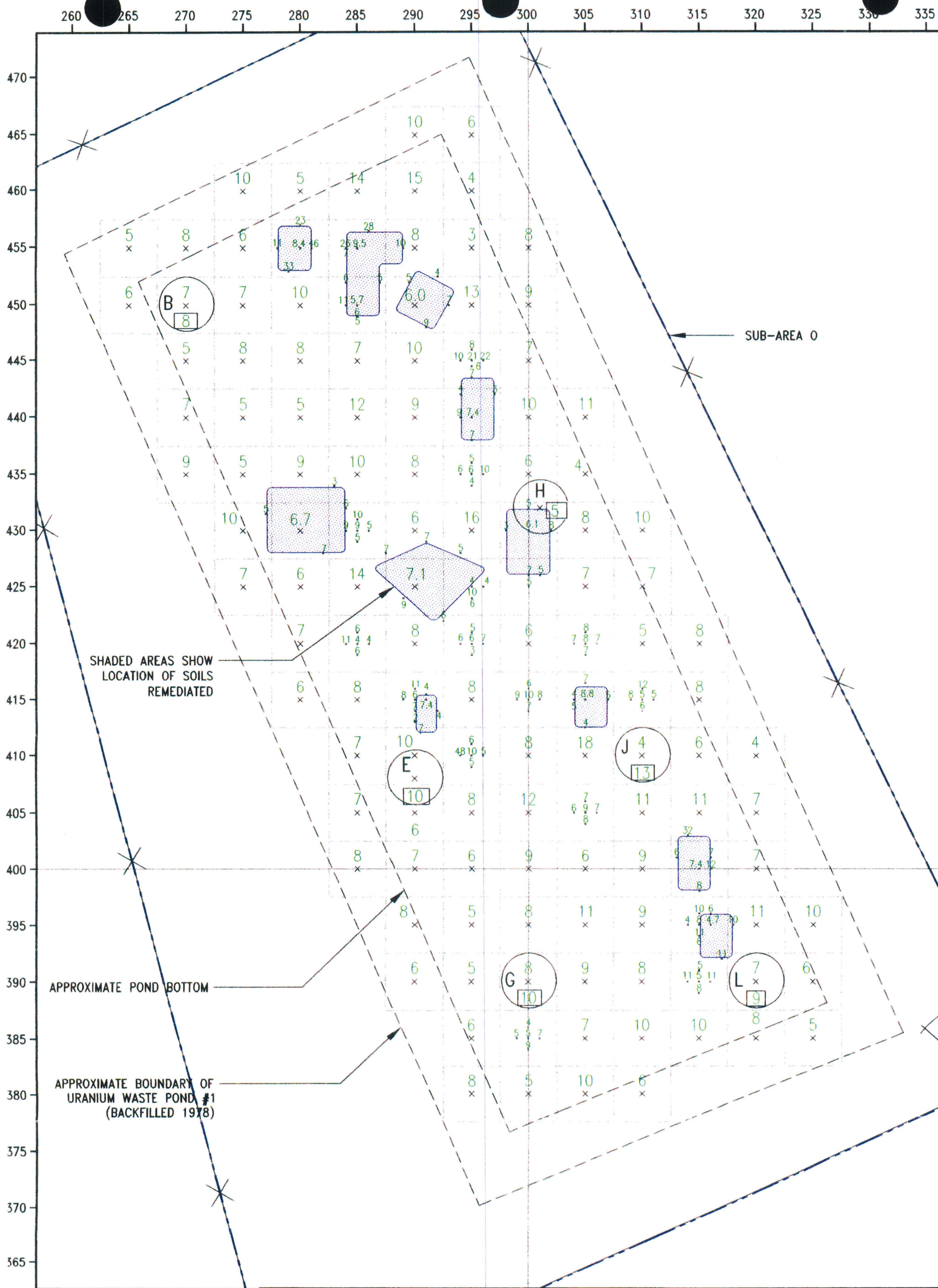
CIMARRON CORPORATION

CIMARRON FACILITY  
URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS  
5 Meter x 5 Meter x 10 Foot Grid  
Average Soil Activity  
0 to 10' Soil Depth


REV.	DESCRIPTION	DRWN BY	CHKD BY	APP'D BY	DATE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98

DRWN BY	JE	DATE	1/1/98	SCALE	AS SHOWN
JOB NO.		DRAWING NO.	97P1DV-14	REV.	0





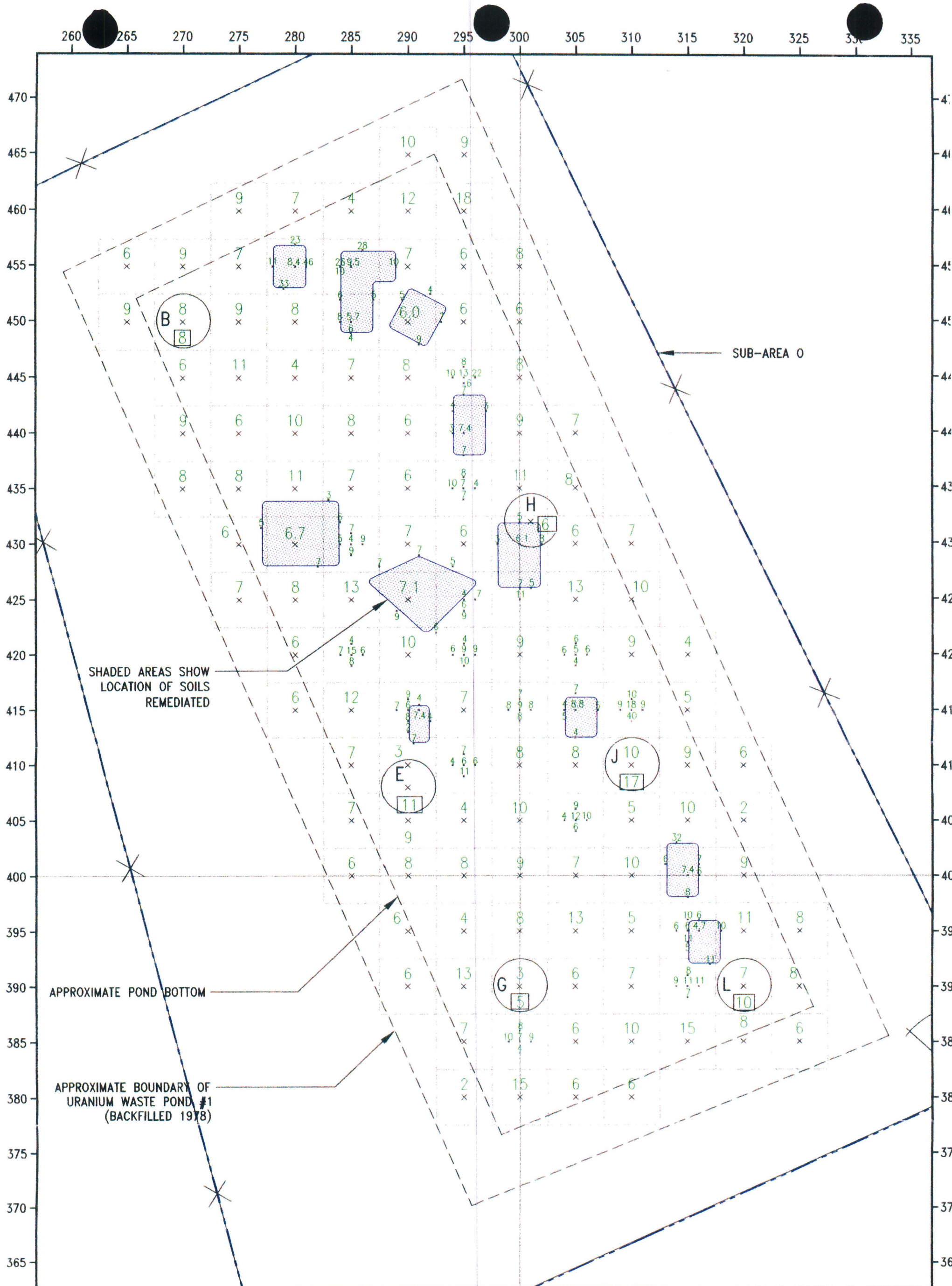
<b>NOTES</b> URANIUM (pCi/g U). CIMARRON GAMMA SPEC SOIL COUNTER. SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U, NOT SUBTRACTED. SAMPLES INCLUDE THOSE TAKEN ON A 5 METER X 5 METER GRID & THE OFFSET DATA. ITEMS B, E, G, H, J AND L ARE DEEP DRILLING RESULTS				<b>LEGEND</b> 6 URANIUM 1 - 94 pCi/g U 120 URANIUM 95 - 219 pCi/g U 245 URANIUM > 219 pCi/g U R * HIT ROCK - NO SAMPLE				1993 DEEP DRILLING SOIL SAMPLE RESULTS			
REV.	DESCRIPTION			DRWN BY:	CK'D BY:	APP'D BY:	DATE	DRWN BY:	DATE	SCALE:	AS SHOWN
0	DRAWING RELEASED.			JE	RS	JL	3/2/98	JOB NO.	DRAWING NO.	97POP1SS-0	REV. 0

**CIMARRON CORPORATION**

**CIMARRON FACILITY  
PHASE III - SUB-AREA 0  
URANIUM WASTE POND #1  
FINAL STATUS SURVEY RESULTS - SOIL  
SOIL SAMPLE ALIQUOT: 0 - 1'**

DRWN BY: JE	DATE: 1/1/98	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97POP1SS-0	REV. 0





#### NOTES

URANIUM (pCi/g U).

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U, NOT SUBTRACTED.

SAMPLES INCLUDE THOSE TAKEN ON A 5 METER X 5 METER GRID & THE OFFSET DATA.

ITEMS B, E, G, H, J AND L ARE DEEP DRILLING RESULTS

#### LEGEND

6 URANIUM  
1 - 94 pCi/g U

12<sup>0</sup> URANIUM  
95 - 219 pCi/g U

24<sup>0</sup> URANIUM  
> 219 pCi/g U

R x HIT ROCK -  
NO SAMPLE



1993  
DEEP  
DRILLING  
SOIL  
SAMPLE  
RESULTS



CIMARRON CORPORATION

CIMARRON FACILITY  
PHASE III - SUB-AREA 0  
URANIUM WASTE POND #1  
FINAL STATUS SURVEY RESULTS - SOIL  
SOIL SAMPLE ALIQUOT: 1' - 2'

DRWN.  
BY

JE

DATE

1/1/98

SCALE

AS SHOWN

JOB NO.

DRAWING NO.

97POP1SS-1

REV.

0

REV.

DESCRIPTION

DRWN BY:

CK'D BY:

APP'D BY:

DATE

0

DRAWING RELEASED.

JE

RS

JL

3/2/98

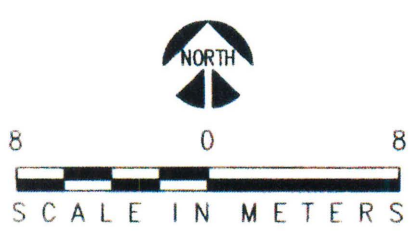
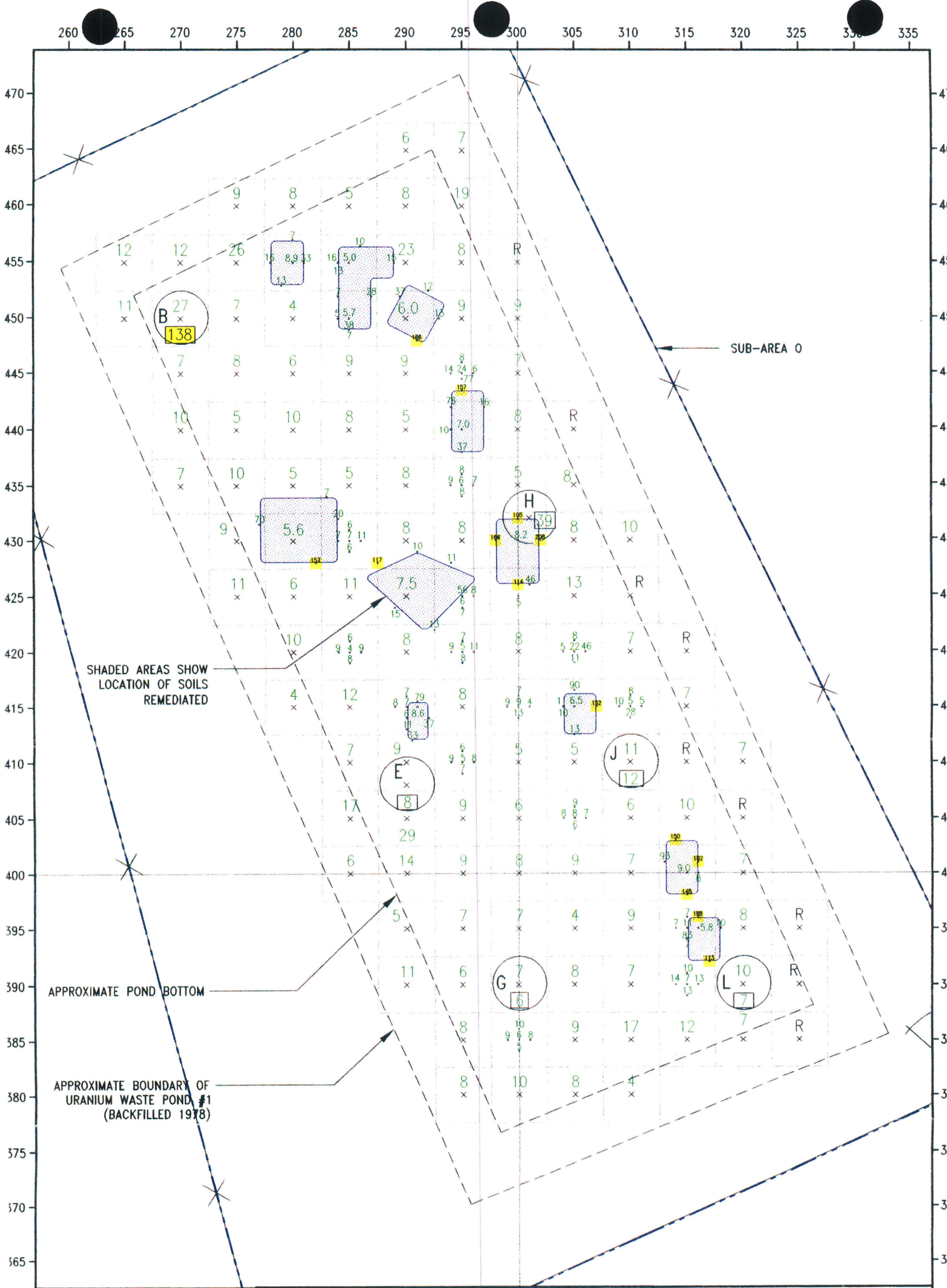
8 0 8  
SCALE IN METERS











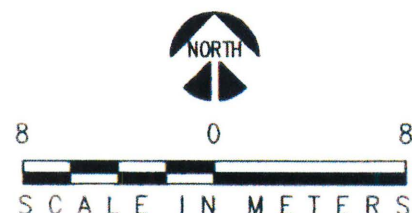
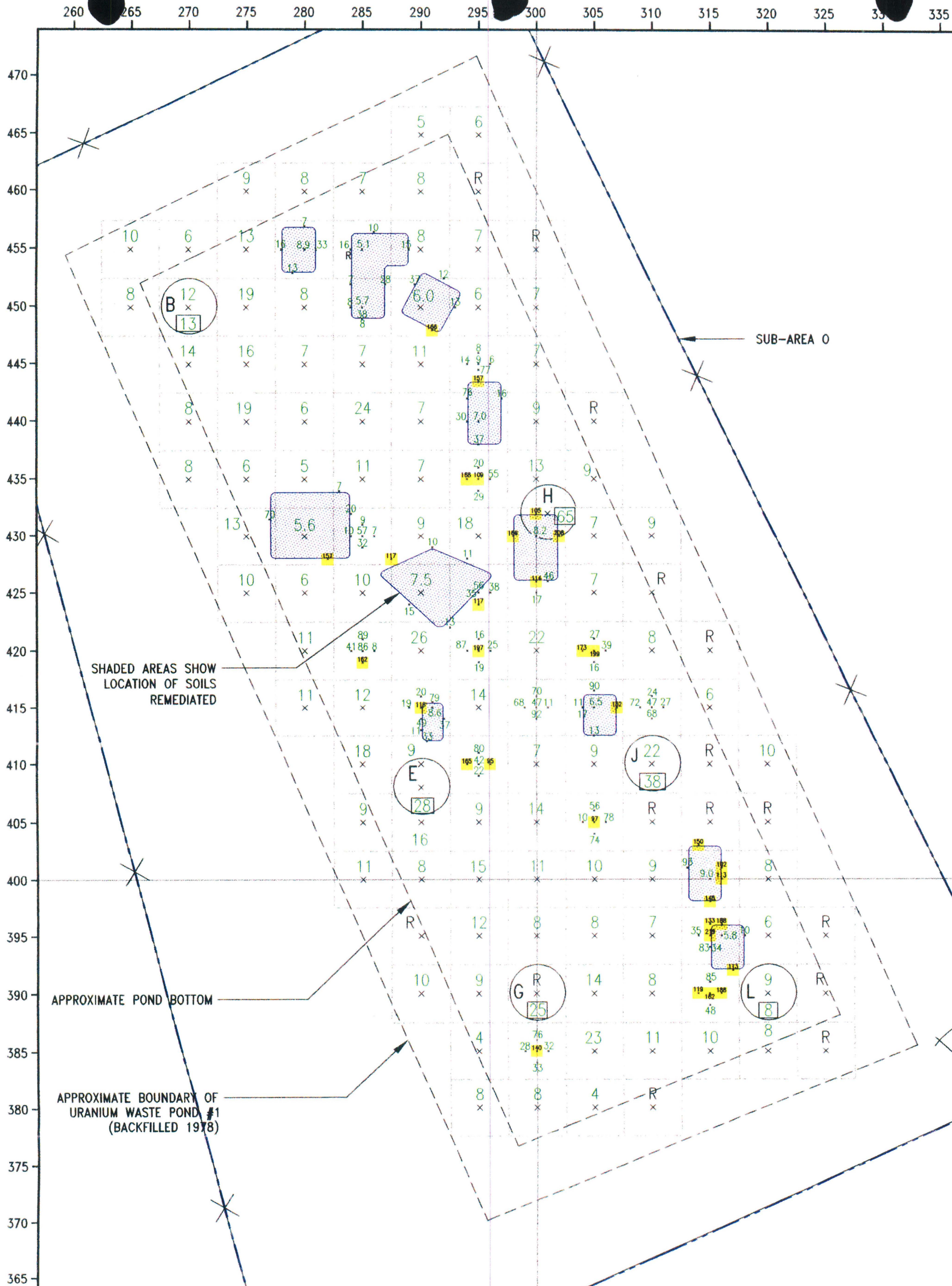
<b>NOTES</b> URANIUM (pCi/g U). CIMARRON GAMMA SPEC SOIL COUNTER. SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U, NOT SUBTRACTED. SAMPLES INCLUDE THOSE TAKEN ON A 5 METER X 5 METER GRID & THE OFFSET DATA. ITEMS B, E, G, H, J AND L ARE DEEP DRILLING RESULTS		<b>LEGEND</b> 6 URANIUM 1 - 94 pCi/g U 120 URANIUM 95 - 219 pCi/g U 245 URANIUM > 219 pCi/g U R HIT ROCK - NO SAMPLE 25 1993 DEEP DRILLING SOIL SAMPLE RESULTS	
REV.	DESCRIPTION	DRWN BY:	CHK'D BY:
0	DRAWING RELEASED.	JE	RS

CIMARRON FACILITY PHASE III - SUB-AREA 0 URANIUM WASTE POND #1 FINAL STATUS SURVEY RESULTS - SOIL SOIL SAMPLE ALIQUOT: 3' - 4'		
DRWN BY: JE	DATE: 1/1/98	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97POP1SS-3	REV. 0










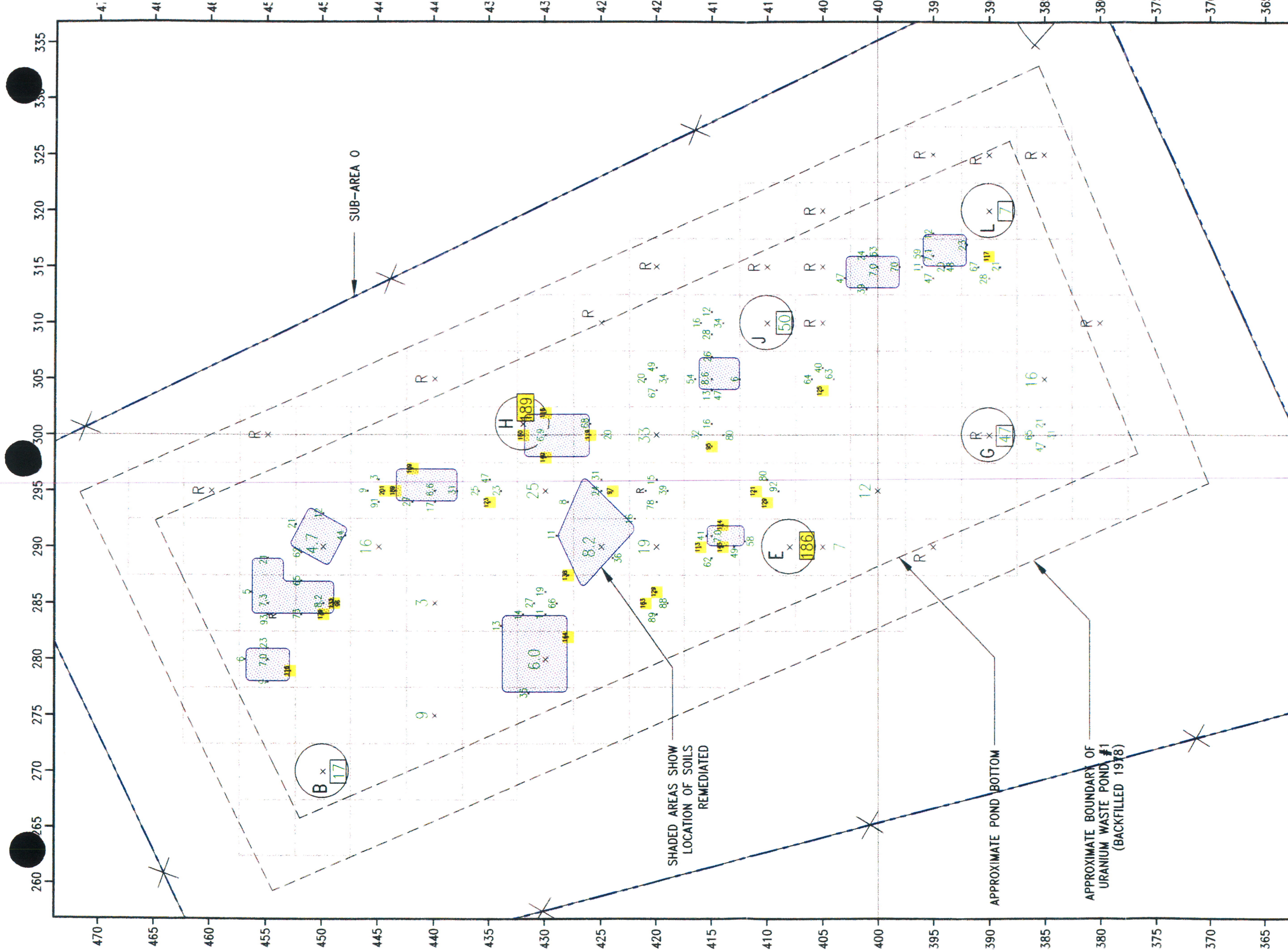
<u>NOTES</u> URANIUM (pCi/G U). CIMARRON GAMMA SPEC SOIL COUNTER.  SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U, NOT SUBTRACTED.  SAMPLES INCLUDE THOSE TAKEN ON A 5 METER X 5 METER GRID & THE OFFSET DATA.  ITEMS B, E, G, H, J AND L ARE DEEP DRILLING RESULTS					<u>LEGEND</u> <div><div>6</div>URANIUM 1 - 94 pCi/g U</div> <div><div>120</div>URANIUM 95 - 219 pCi/g U</div> <div><div>245</div>URANIUM &gt; 219 pCi/g U</div> <div>R x HIT ROCK - NO SAMPLE</div>					<div><div><div><div></div><div>x</div><div>25</div></div></div><div>1993 DEEP DRILLING SOIL SAMPLE RESULTS</div></div>				
REV.		DESCRIPTION			DRWN BY:		CK'D BY:		APP'D BY:		DATE			
0		DRAWING RELEASED.			JE		RS		JL		3/2/98			

**CIMARRON CORPORATION**

**CIMARRON FACILITY**  
**PHASE III - SUB-AREA 0**  
**URANIUM WASTE POND #1**  
**FINAL STATUS SURVEY RESULTS - SOIL**  
**SOIL SAMPLE ALIQUOT: 5' - 6'**

DRWN. BY: JE	DATE: 1/1/98	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97POP1SS-5	REV. 0





CIMARRON FACILITY  
PHASE III - SUB-AREA 0  
URANIUM WASTE POND #1  
FINAL STATUS SURVEY RESULTS - SOIL  
SOIL SAMPLE ALIQUOT: 6' - 7'

DATE: 1/1/98  
SCALE: AS SHOWN

DATE: 3/2/98

DRWN. BY: JE  
JOB NO. 97POP1SS-6

REV. 0

LEGEND

- URANIUM  
1 - 94 pCi/g U
- URANIUM  
95 - 219 pCi/g U
- URANIUM  
> 219 pCi/g U

1983  
DEEP  
DRILLING  
SOIL  
SAMPLE  
RESULTS

NOTES

URANIUM (pCi/g U).  
CIMARRON GAMMA SPEC SOIL COUNTER.  
SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.  
SAMPLES INCLUDE THOSE TAKEN ON A 5 METER X  
5 METER GRID & THE OFFSET DATA.  
ITEMS B, E, G, H, J AND L ARE DEEP  
DRILLING RESULTS

REV. 0 DRAWING RELEASED.

SHADED AREAS SHOW  
LOCATION OF SOILS  
REMEDiated

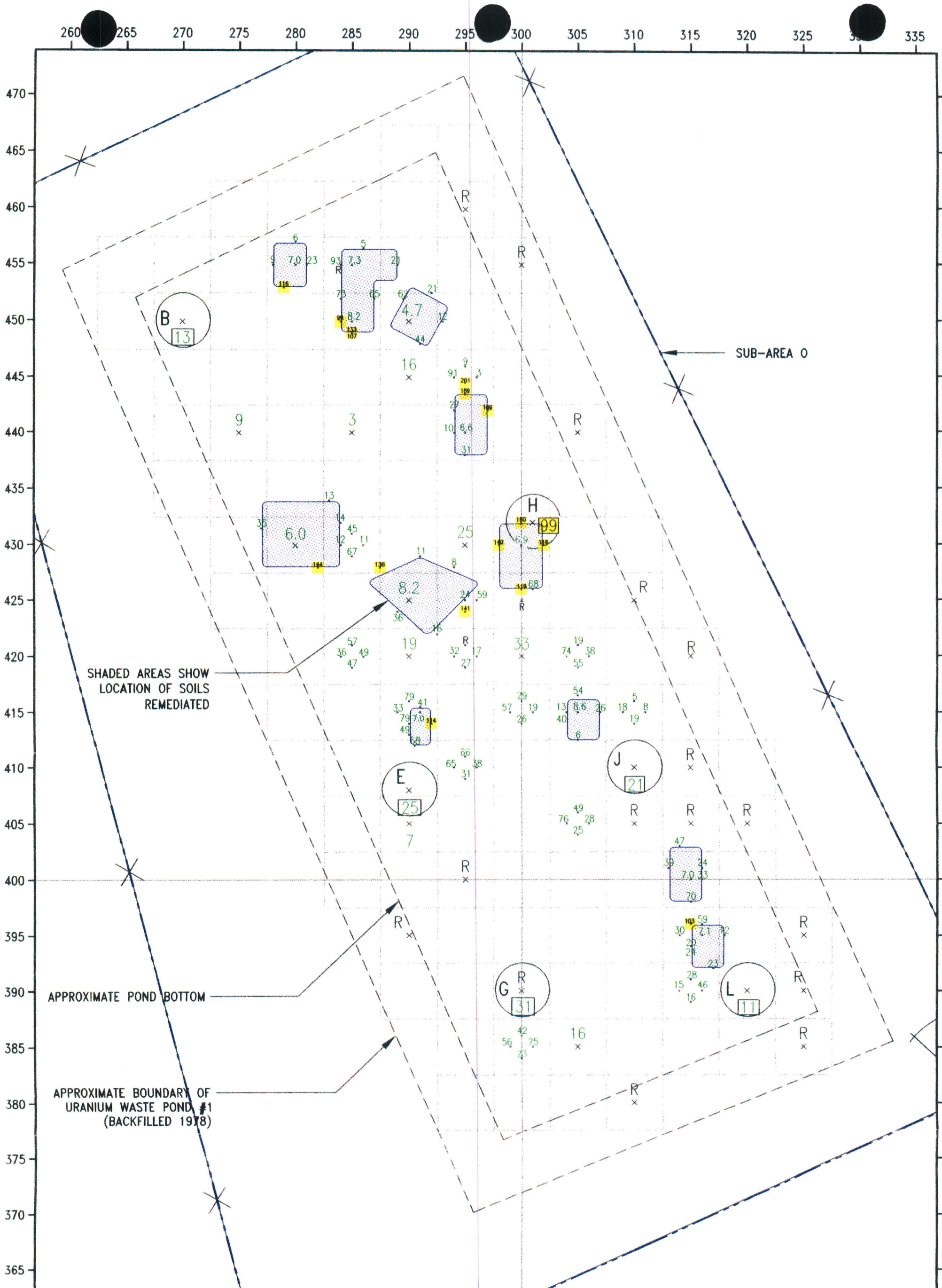
APPROXIMATE POND BOTTOM

APPROXIMATE BOUNDARY OF  
URANIUM WASTE POND #1  
(BACKFILLED 1978)

0 8  
SCALE IN METERS

0 8  
SCALE IN METERS






SHADED AREAS SHOW  
LOCATION OF SOILS  
REMEDIED

SUB-AREA 0

APPROXIMATE POND BOTTOM

APPROXIMATE BOUNDARY OF  
URANIUM WASTE POND #1  
(BACKFILLED 1978)

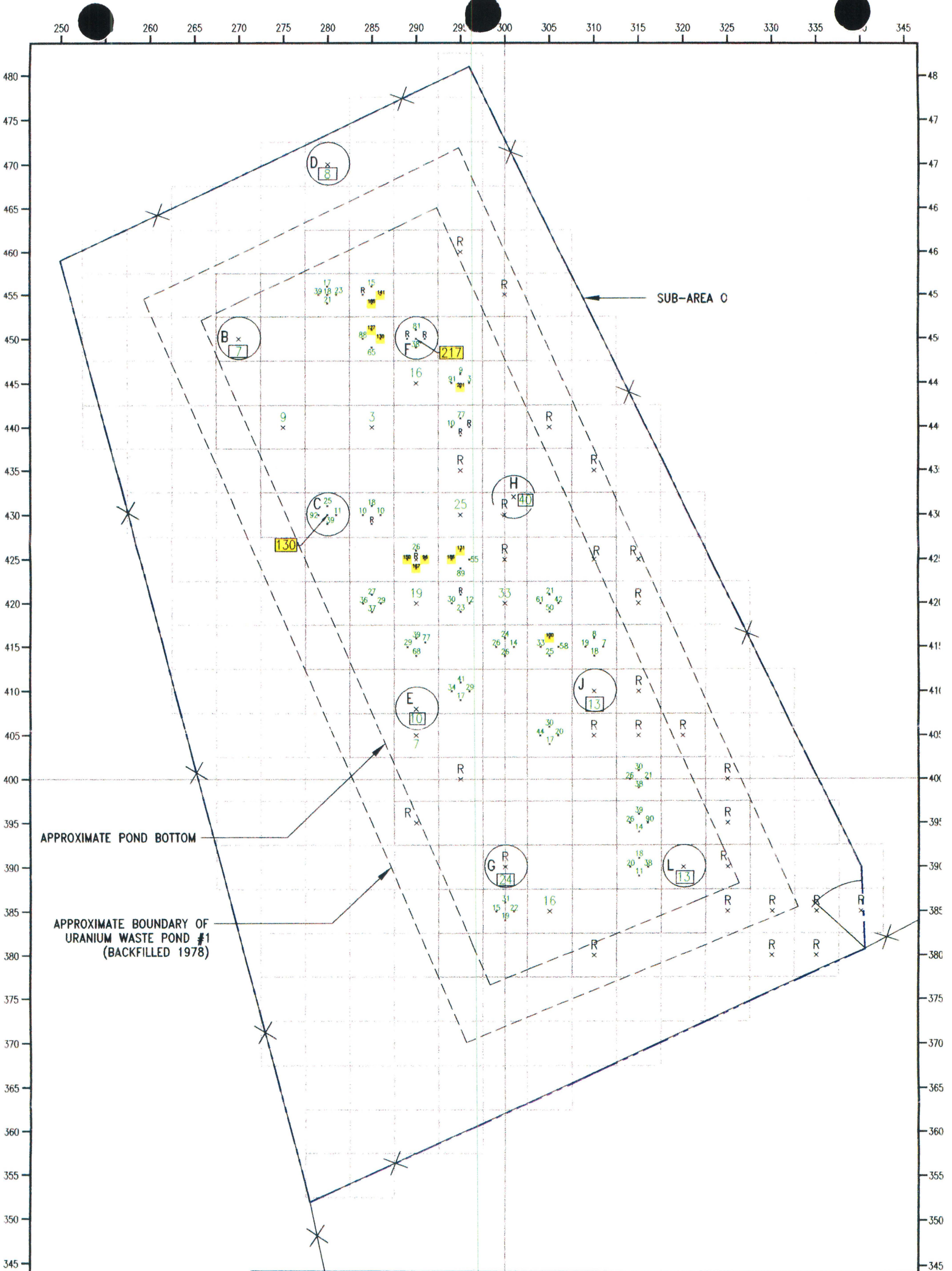
<b>NOTES</b> URANIUM (pCi/g U). CIMARRON GAMMA SPEC SOIL COUNTER. SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U, NOT SUBTRACTED. SAMPLES INCLUDE THOSE TAKEN ON A 5 METER X 5 METER GRID & THE OFFSET DATA. ITEMS B, E, G, H, J AND L ARE DEEP DRILLING RESULTS		<b>LEGEND</b> 6 URANIUM 1 - 94 pCi/g U 120 URANIUM 95 - 219 pCi/g U 245 URANIUM > 219 pCi/g U R HIT ROCK- NO SAMPLE	
REV.	DESCRIPTION	DRWN. BY:	DATE
0	DRAWING RELEASED.	JE	3/2/98

**CIMARRON CORPORATION**

**CIMARRON FACILITY  
PHASE III - SUB-AREA 0  
URANIUM WASTE POND #1  
FINAL STATUS SURVEY RESULTS - SOIL  
SOIL SAMPLE ALIQUOT: 7' - 8'**

DRWN. BY: JE	DATE: 1/1/98	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97POP1SS-7	REV. 0






NOTES  
URANIUM (pCi/g U).  
CIMARRON GAMMA SPEC SOIL COUNTER.  
SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.  
SAMPLES INCLUDE THOSE TAKEN ON A 5 METER X  
5 METER GRID & THE OFFSET DATA.  
ITEMS B, C, D, E, F, G, H, J AND L ARE DEEP  
DRILLING RESULTS

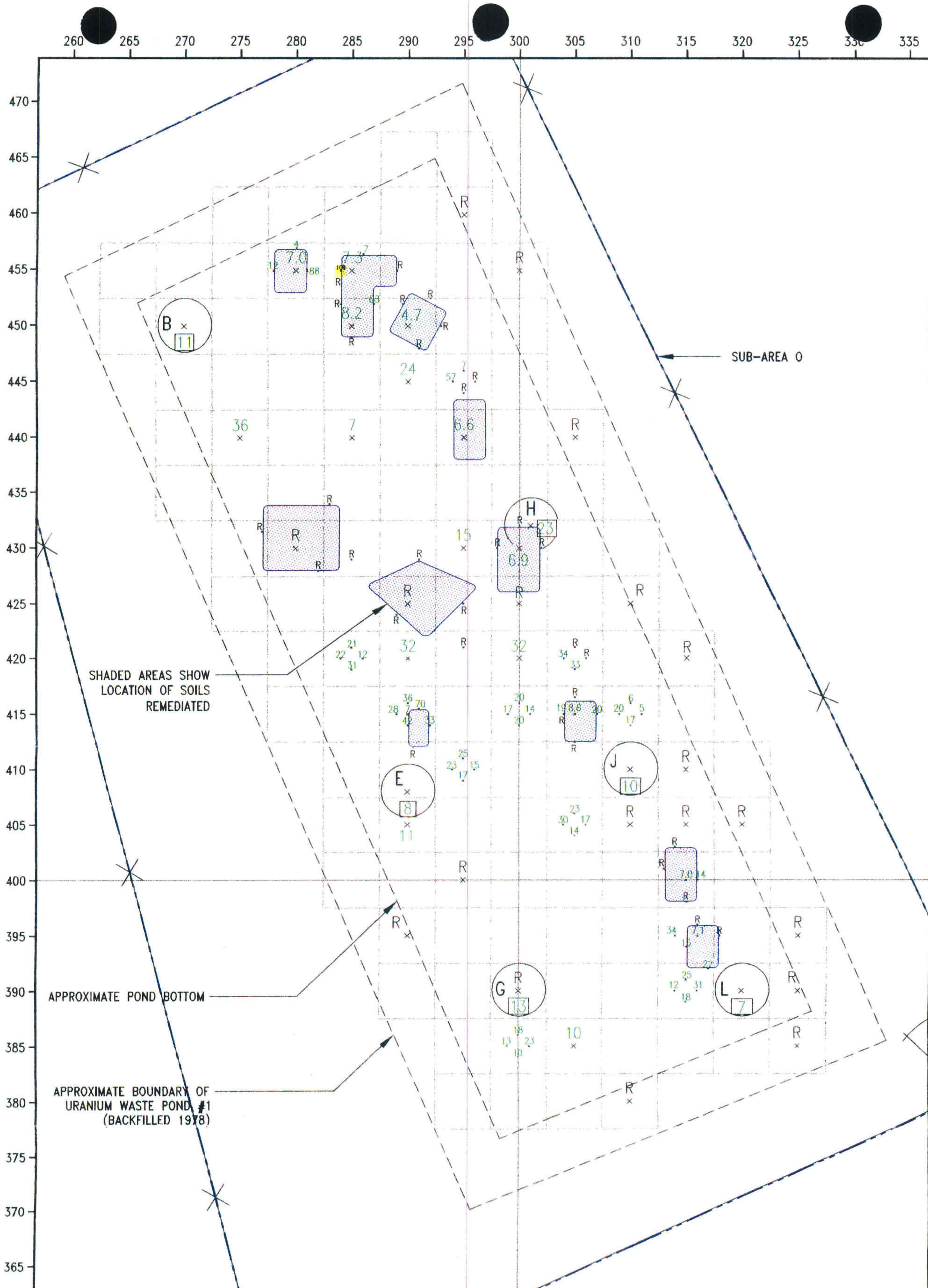
LEGEND  
6 URANIUM  
x - 94 pCi/g U  
120 URANIUM  
95 - 219 pCi/g U  
245 URANIUM  
> 219 pCi/g U  
R HIT ROCK-  
NO SAMPLE

1993  
DEEP  
DRILLING  
SOIL  
SAMPLE  
RESULTS

 <b>CIMARRON CORPORATION</b>			
<b>CIMARRON FACILITY PHASE III - SUB-AREA 0 URANIUM WASTE POND #1 CHARACTERIZATION SOIL SAMPLE RESULTS SOIL SAMPLE ALIQUOT: 8' - 9'</b>			
DRWN. BY	JE	DATE	11/28/97
SCALE:	AS SHOWN		
JOB NO.	DRAWING NO.		REV.
	97PRP1SS-8		0

... \UPOND1\PRE-REM\97PRP1SS



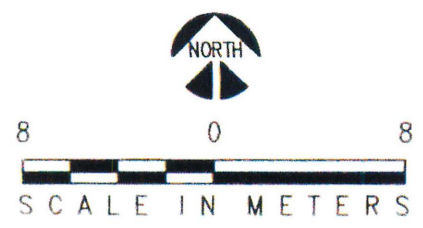


SHADED AREAS SHOW  
LOCATION OF SOILS  
REMEDIATED

APPROXIMATE POND BOTTOM


APPROXIMATE BOUNDARY OF  
URANIUM WASTE POND #1  
(BACKFILLED 1978)

SUB-AREA 0



NOTES	
URANIUM (pCi/g U).	
CIMARRON GAMMA SPEC SOIL COUNTER.	
SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U, NOT SUBTRACTED.	
SAMPLES INCLUDE THOSE TAKEN ON A 5 METER X 5 METER GRID & THE OFFSET DATA.	
ITEMS B, E, G, H, J AND L ARE DEEP DRILLING RESULTS	
REV.	DESCRIPTION
0	DRAWING RELEASED.

LEGEND	
6	URANIUM 1 - 94 pCi/g U
120	URANIUM 95 - 219 pCi/g U
245	URANIUM > 219 pCi/g U
R x	HIT ROCK - NO SAMPLE
25	1993 DEEP DRILLING SOIL SAMPLE RESULTS
DRWN BY	DATE
JE	1/1/98
JOB NO.	DRAWING NO.
	97POP1SS-9
REV.	0

**CIMARRON CORPORATION**

**CIMARRON FACILITY  
PHASE III - SUB-AREA 0  
URANIUM WASTE POND #1  
FINAL STATUS SURVEY RESULTS - SOIL  
SOIL SAMPLE ALIQUOT: 9' - 10'**

DRWN BY	JE	DATE	1/1/98	SCALE	AS SHOWN
JOB NO.		DRAWING NO.	97POP1SS-9	REV.	0

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

						pCi/g									
LN #	GRID NUMBER					0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	265	E	-	450	N	6	9	5	11	9	8				
2	265	E	-	455	N	5	6	6	12	7	10				
3	270	E	-	435	N	9	8	9	7	7	8				
4	270	E	-	440	N	7	9	10	10	7	8				
5	270	E	-	445	N	5	6	11	7	11	14				
6	270	E	-	450	N	7	8	6	27	17	12				
7	270	E	-	450	N	8	8	9	138	37	13	17	13	7	11
8	270	E	-	455	N	8	9	11	12	6	6				
9	275	E	-	425	N	7	7	7	11	6	10				
10	275	E	-	430	N	10	6	9	9	6	13				
11	275	E	-	435	N	5	8	13	10	11	6				
12	275	E	-	440	N	5	6	10	5	9	19	9	9	9	36
13	275	E	-	445	N	8	11	6	8	7	16				
14	275	E	-	450	N	7	9	11	7	16	19				
15	275	E	-	455	N	6	7	59	26	11	13				
16	275	E	-	460	N	10	9	7	9	4	9				
17	277	E	-	431.5	N	5	5	5	70	70	70	35	35	35	R
18	278	E	-	455	N	11	11	11	16	16	16	9	9	9	12
19	279	E	-	453	N	33	33	33	13	13	13	116	116	116	
20															
21															
22															
23															
24															
25															

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND NOT SUBTRACTED

PAGE 1

FILE: WP1AOFSSR

BACKGROUND

TOTAL U 4

MDA

10

REVIEWED BY: W. A. Rogers

DATE: 3-11-98

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	280	E	-	415	N	6	6	7	4	7	11				
2	280	E	-	420	N	7	6	13	10	12	11				
3	280	E	-	425	N	6	8	19	6	11	6				
4	280	E	-	430	N	6.7	6.7	6.7	5.6	5.6	5.6	6	6	6	R
5	280	E	-	435	N	9	11	9	5	6	5				
6	280	E	-	440	N	5	10	9	10	7	6				
7	280	E	-	445	N	8	4	5	6	6	7				
8	280	E	-	450	N	10	8	8	4	10	8				
9	280	E	-	455	N	8.4	8.4	8.4	8.9	8.9	8.9	7	7	7	7
10	280	E	-	457	N	23	23	23	7	7	7	6	6	6	4
11	280	E	-	460	N	5	7	10	8	9	8				
12	281	E	-	455	N	46	46	46	33	33	33	23	23	23	88
13	282	E	-	428	N	7	7	7	157	157	157	144	144	144	R
14	283	E	-	434	N	3	3	3	7	7	7	13	13	13	R
15	284	E	-	420	N	11	7	7	9	13	41	89	36	36	22
16	284	E	-	430	N	9	5	9	7	5	10	11	12	10	
17	284	E	-	432	N	6	6	6	20	20	20	14	14	14	
18	284	E	-	450	N	11	8	13	5	9	8	179	99	88	
19	284	E	-	452	N	6	6	6	7	7	7	73	73	73	R
20	284	E	-	455	N	7	10	23	13	23	R	R	R	R	R
21	284	E	-	455	N	26	26	26	16	16	16	93	93	93	109
22		E	-		N										
23		E	-		N										
24		E	-		N										
25		E	-		N										

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND NOT SUBTRACTED

PAGE 2

FILE: WP1AOFSSR

BACKGROUND

TOTAL U 4

MDA

10

REVIEWED BY: W.a. Rogers

DATE: 3-11-98



CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	285	E	-	400	N	8	6	10	6	4	11				
2	285	E	-	405	N	7	7	6	17	6	9				
3	285	E	-	410	N	7	7	7	7	11	18				
4	285	E	-	415	N	8	12	7	12	9	12				
5	285	E	-	419	N	6	8	8	8	20	162	88	47	37	31
6	285	E	-	420	N	4	15	5	4	18	86				
7	285	E	-	421	N	6	4	8	6	7	89	163	57	27	21
8	285	E	-	425	N	14	13	8	11	4	10				
9	285	E	-	429	N	5	9	4	6	5	32	66	67	R	R
10	285	E	-	430	N	9	4	8	7	6	57				
11	285	E	-	431	N	10	7	22	6	9	9	27	45	18	
12	285	E	-	435	N	10	7	8	5	7	11				
13	285	E	-	440	N	12	8	11	8	6	24	3	3	3	7
14	285	E	-	445	N	7	7	11	9	6	7				
15	285	E	-	449	N	5	4	9	7	8	8	96	133	59	
16	285	E	-	449	N	6	6	6	38	38	38	133	107	133	R
17	285	E	-	450	N	5.7	5.7	5.7	5.7	5.7	5.7	8.2	8.2	8.2	8.2
18	285	E	-	455	N	9.5	9.5	9.5	5	5	5.1	7.3	7.3	7.3	7.3
19	285	E	-	460	N	14	4	4	5	11	7				
20	286	E	-	420	N	4	6	7	9	9	8	129	49	29	12
21	286	E	-	430	N	5	9	6	11	7	7	19	11	10	
22	286	E	-	456.5	N	28	28	28	10	10	10	5	5	5	7
23	287	E	-	452	N	5	5	5	28	28	28	65	65	65	68
24	287.5	E	-	428	N	7	7	7	117	117	117	138	138	138	
25		E	-		N										

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND

TOTAL U 4

MDA

10

BACKGROUND NOT SUBTRACTED

PAGE 3

FILE: WP1AOFSSR

REVIEWED BY:

*W.A. Rogers*

DATE:

3-11-98

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	289	E	-	415	N	8	7	9	8	6	19	62	33	29	28
2	289	E	-	424	N	9	9	9	15	15	15	36	36	36	R
3	289	E	-	455	N	10	10	10	15	15	15	21	21	21	R
4	289.5	E	-	452	N	5	5	5	37	37	37	62	62	62	R
5	290	E	-	390	N	6	6	11	11	8	10				
6	290	E	-	395	N	8	6	8	5	R	R	R	R	R	R
7	290	E	-	400	N	7	8	8	14	12	8				
8	290	E	-	405	N	6	9	7	29	96	16	7	7	7	11
9	290	E	-	408	N	10	11	8	8	8	28	186	25	10	8
10	290	E	-	410	N	10	3	7	9	12	9				
11	290	E	-	413	N	2	2	2	11	11	11	49	49	49	
12	290	E	-	414	N	7	8	8	6	6	49	143	79	68	42
13	290	E	-	415	N	6	6	8	7	7	116				
14	290	E	-	416	N	11	9	5	7	13	20	113	79	39	36
15	290	E	-	420	N	8	10	6	8	6	26	19	19	19	32
16	290	E	-	425	N	7.1	7.1	7.1	7.5	7.5	7.5	8.2	8.2	8.2	R
17	290	E	-	430	N	6	7	7	8	8	9				
18	290	E	-	435	N	8	6	8	8	20	7				
19	290	E	-	440	N	9	6	8	5	6	7				
20	290	E	-	445	N	10	8	10	9	8	11	16	16	16	24
21	290	E	-	450	N	6	6	6	6	6	6	4.7	4.7	4.7	4.7
22	290	E	-	455	N	8	7	5	23	8	8				
23	290	E	-	460	N	15	12	8	8	9	8				
24	290	E	-	465	N	10	10	6	6	7	5				
25	290.5	E	-	412	N	7	7	7	33	33	33	58	58	58	R

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND

TOTAL U 4

MDA

10

BACKGROUND NOT SUBTRACTED

PAGE 4

FILE: WP1AOFSSR

REVIEWED BY:

*W. a. Rogers*

DATE:

*3-11-98*

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	291	E	-	415	N	7.4	7.4	7.4	8.6	8.6	8.6	7	7	7	
2	291	E	-	415.5	N	4	4	4	79	79	79	41	41	41	70
3	291	E	-	429	N	7	7	7	10	10	10	11	11	11	R
4	291	E	-	448	N	9	9	9	166	166	166	44	44	44	R
5	292	E	-	414	N	4	4	4	37	37	37	114	114	114	33
6	292	E	-	452.5	N	4	4	4	12	12	12	21	21	21	R
7	292.5	E	-	422	N	6	6	6	13	13	13	16	16	16	
8	293	E	-	450	N	7	7	7	13	13	13	12	12	12	R
9	294	E	-	410	N	48	4	6	9	9	165	129	65	34	23
10	294	E	-	420	N	6	6	4	9	11	87	78	32	30	
11	294	E	-	428	N	5	5	5	11	11	11	8	8	8	
12	294	E	-	435	N	6	10	8	9	5	168	123			
13	294	E	-	440	N	9	3	4	10	8	30	17	10	10	
14	294	E	-	442	N	4	4	4	76	76	76	27	27	27	
15	294	E	-	445	N	10	10	10	14	14	14	91	91	91	57
16	294	E	-	465	N	6	9	7	7	7	6				
17	295	E	-	380	N	8	2	5	8	9	8				
18	295	E	-	385	N	6	7	10	8	6	4				
19	295	E	-	390	N	5	13	13	6	9	9				
20	295	E	-	395	N	5	4	8	7	21	12				
21	295	E	-	400	N	6	8	6	9	6	15	12	R	R	R
22	295	E	-	405	N	8	4	8	9	8	9				
23	295	E	-	409	N	5	11	10	7	9	22	92	31	17	17
24	295	E	-	410	N	10	6	7	5	9	42				
25	295	E	-	411	N	6	7	5	6	12	80	121	66	41	25

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND

TOTAL U 4

MDA

10

BACKGROUND NOT SUBTRACTED

PAGE 5

REVIEWED BY:

*W.A. Rogers*

DATE:

*3-11-98*

FILE: WP1AOFSSR

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION: WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	295	E	-	415	N	8	7	5	8	8	14				
2	295	E	-	419	N	3	10	7	8	7	19	39	27	23	
3	295	E	-	420	N	6	9	9	5	15	197				
4	295	E	-	421	N	5	4	7	7	13	16	R	R	R	R
5	295	E	-	424	N	6	9	14	7	16	117	97	141	89	
6	295	E	-	425	N	10	6	8	6	10	35				
7	295	E	-	425	N	4	4	4	56	56	56	24	24	24	R
8	295	E	-	430	N	16	6	8	8	6	18	25	25	25	15
9	295	E	-	434	N	4	7	7	8	9	29	23			
10	295	E	-	435	N	6	7	11	6	5	109				
11	295	E	-	436	N	5	8	8	8	11	20	25			
12	295	E	-	438	N	7	7	7	37	37	37	31	31	31	
13	295	E	-	440	N	7.4	7.4	7.4	7	7	7	6.6	6.6	6.6	6.6
14	295	E	-	443.5	N	7	7	7	157	157	157	189	189	189	
15	295	E	-	444.5	N	6	6	6	77	77	77	201	201	201	
16	295	E	-	445	N	21	13	7	24	8	9				
17	295	E	-	446	N	8	8	8	8	8	8	9	9	9	7
18	295	E	-	450	N	13	6	11	9	6	6				
19	295	E	-	455	N	3	6	4	8	5	7				
20	295	E	-	460	N	4	18	14	19	R	R	R	R	R	R
21	296	E	-	410	N	5	6	5	8	10	95	80	38	29	15
22	296	E	-	420	N	7	9	10	11	18	25	15	17	12	
23	296	E	-	425	N	4	7	10	8	8	38	31	59	55	
24	296	E	-	435	N	10	4	9	7	6	55	47			
25	296	E	-	445	N	22	22	22	6	6	6	3	3	3	R

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND

TOTAL U 4

MDA

10

BACKGROUND NOT SUBTRACTED

PAGE 6

FILE: WP1AOFSSR

REVIEWED BY:

*W. A. Rogers*

DATE:

*3-11-98*



CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	297	E	-	442	N	3	3	3	16	16	16	109	109	109	
2	298	E	-	430	N	3	3	3	166	166	166	140	140	140	R
3	299	E	-	385	N	5	10	5	9	28	28	47	56	15	13
4	299	E	-	415	N	9	8	6	9	7	68	95	57	26	17
5	300	E	-	380	N	5	15	13	10	8	8				
6	300	E	-	384	N	9	4	13	5	23	33	31	23	19	10
7	300	E	-	385	N	5	7	15	6	144	140				
8	300	E	-	386	N	4	8	8	10	14	76	65	42	31	18
9	300	E	-	390	N	8	3	8	7	6	R	R	R	R	R
10	300	E	-	390	N	10	5	11	6	9	25	47	31	24	13
11	300	E	-	395	N	8	8	5	7	10	8				
12	300	E	-	400	N	9	9	5	8	8	11				
13	300	E	-	405	N	12	10	5	6	9	14				
14	300	E	-	410	N	8	8	6	5	9	7				
15	300	E	-	414	N	7	8	6	13	7	92	80	26	26	20
16	300	E	-	415	N	10	9	7	9	6	47				
17	300	E	-	416	N	6	7	7	7	11	70	32	29	24	20
18	300	E	-	420	N	6	9	6	8	6	22	33	33	33	32
19	300	E	-	425	N	5	11	5	5	9	17	20	R	R	R
20	300	E	-	426	N	7	7	7	114	114	114	119	119	119	
21	300	E	-	430	N	6.1	6.1	6.1	8.2	8.2	8.2	6.9	6.9	6.9	6.9
22	300	E	-	432	N	5	5	5	105	105	105	160	160	160	R
23	300	E	-	435	N	6	11	11	5	8	13				
24	300	E	-	440	N	10	9	7	8	7	9				
25	300	E	-	445	N	7	8	7	7	9	7				

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND NOT SUBTRACTED

PAGE 7

FILE: WP1AOFSSR

BACKGROUND

TOTAL U 4

MDA

10

REVIEWED BY:

*W. A. Rogers*

DATE: 3-11-98

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	300	E	-	450	N	9	6	6	9	5	7				
2	300	E	-	455	N	8	8	5	R	R	R	R	R	R	R
3	301	E	-	385	N	7	9	6	8	15	32	21	25	22	23
4	301	E	-	415	N	8	8	8	4	8	11	16	19	14	14
5	301	E	-	426	N	5	5	5	46	46	46	68	68	68	
6	301	E	-	432	N	5	6	6	39	114	65	189	99	40	23
7	302	E	-	430	N	8	8	8	208	208	208	116	116	116	R
8	304	E	-	405	N	6	4	6	8	10	10	125	76	44	30
9	304	E	-	415	N	4	4	4	11	11	11	13	13	13	19
10	304	E	-	415	N	5	5	9	10	7	47	40	33	R	
11	304	E	-	420	N	7	6	6	5	25	173	67	74	61	34
12	305	E	-	380	N	10	6	5	8	8	4				
13	305	E	-	385	N	7	6	6	9	7	23	16	16	16	10
14	305	E	-	390	N	9	6	7	8	8	14				
15	305	E	-	395	N	11	13	9	4	8	8				
16	305	E	-	400	N	6	7	8	9	5	10				
17	305	E	-	404	N	8	6	6	6	10	74	63	25	17	14
18	305	E	-	405	N	9	12	5	8	11	97				
19	305	E	-	406	N	7	9	8	9	4	56	64	49	30	23
20	305	E	-	410	N	18	8	5	5	6	9				
21	305	E	-	412.5	N	4	4	4	13	13	13	6	6	6	R
22	305	E	-	415	N	8.8	8.8	8.8	6.5	6.5	6.5	8.6	8.6	8.6	8.6
23	305	E	-	416.5	N	7	7	7	90	90	90	54	54	54	R
24	305	E	-	419	N	7	4	9	11	43	16	34	55	55	33
25	305	E	-	420	N	8	5	9	22	111	199				

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND

TOTAL U 4

MDA

10

BACKGROUND NOT SUBTRACTED

PAGE 8

FILE: WP1AOFSSR

REVIEWED BY:

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DATE:

*3-11-98*

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	305	E	-	421	N	8	6	7	8	20	27	20	19	21	R
2	305	E	-	425	N	7	13	5	13	6	7				
3	305	E	-	430	N	8	6	4	8	8	7				
4	305	E	-	435	N	4	8	6	8	7	9				
5	305	E	-	440	N	11	7	9	R	R	R	R	R	R	R
6	306	E	-	405	N	7	10	6	7	8	78	40	28	20	17
7	306	E	-	420	N	7	6	15	46	55	39	49	38	42	R
8	307	E	-	415	N	5	5	5	132	132	132	26	26	26	20
9	309	E	-	415	N	8	9	11	10	55	72	28	18	19	20
10	310	E	-	380	N	6	6	6	4	R	R	R	R	R	R
11	310	E	-	385	N	10	10	14	17	10	11				
12	310	E	-	390	N	8	7	7	7	7	8				
13	310	E	-	395	N	9	5	7	9	9	7				
14	310	E	-	400	N	9	10	6	7	9	9				
15	310	E	-	405	N	11	5	10	6	R	R	R	R	R	R
16	310	E	-	410	N	4	10	1	11	12	22				
17	310	E	-	410	N	13	17	10	12	57	38	50	21	13	10
18	310	E	-	414	N	6	40	16	28	12	68	34	19	18	17
19	310	E	-	415	N	5	18	10	5	8	47				
20	310	E	-	416	N	12	10	7	8	5	24	16	5	8	6
21	310	E	-	420	N	5	9	9	7	10	8				
22	310	E	-	425	N	7	10	R	R	R	R	R	R	R	R
23	310	E	-	430	N	10	7	7	10	9	9				
24	311	E	-	415	N	5	9	6	5	4	27	12	8	7	5
25	313	E	-	401	N	6	6	6	93	93	93	39	39	39	R

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND

TOTAL U 4

MDA

10

BACKGROUND NOT SUBTRACTED

PAGE 9

REVIEWED BY:

*W.A. Rogers*

DATE:

*3-11-98*

FILE: WP1AOFSSR

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	314	E	-	390	N	11	9	12	14	21	119	28	15	20	12
2	314	E	-	395	N	4	6	9	7	7	35	47	30	26	34
3	314	E	-	403	N	32	32	32	150	150	150	47	47	47	R
4	315	E	-	385	N	10	15	10	12	5	10				
5	315	E	-	389	N	8	7	7	13	72	48	21	16	11	18
6	315	E	-	390	N	5	11	6	7	47	162				
7	315	E	-	391	N	5	8	5	10	15	85	67	28	18	25
8	315	E	-	394	N	11	11	11	83	83	83	20	20	20	
9	315	E	-	394	N	6	5	7	7	10	34	48	24	14	15
10	315	E	-	395	N	8	6	6	11	31	219				
11	315	E	-	396	N	10	10	6	7	11	133	11	103	39	
12	315	E	-	398	N	8	8	8	145	145	145	70	70	70	R
13	315	E	-	400	N	7.4	7.4	7.4	9	9	9	7	7	7	7
14	315	E	-	405	N	11	10	9	10	R	R	R	R	R	R
15	315	E	-	410	N	6	9	R	R	R	R	R	R	R	R
16	315	E	-	415	N	8	5	6	7	6	6				
17	315	E	-	420	N	8	4	11	R	R	R	R	R	R	R
18	316	E	-	390	N	11	11	7	13	219	188	117	46	38	31
19	316	E	-	395	N	4.7	4.7	4.7	5.8	5.8	5.8	7.1	7.1	7.1	7.1
20	316	E	-	396	N	6	6	6	188	188	188	59	59	59	R
21	316	E	-	400	N	12	6	12	8	10	113	63	33	21	14
22	316	E	-	401	N	7	7	7	102	102	102	24	24	24	
23	317	E	-	392	N	11	11	11	113	113	113	23	23	23	22
24	318	E	-	395	N	10	10	10	10	10	10	12	12	12	R
25		E	-		N										

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND

TOTAL U 4

MDA

10

BACKGROUND NOT SUBTRACTED

PAGE 10

FILE: WP1AOFSSR

REVIEWED BY:

*W.A. Rogers*

DATE:

*3-11-98*

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
FINAL STATUS SURVEY RESULTS  
SOIL SAMPLES

SAMPLE LOCATION:

WASTE POND NO. 1

DATE: 3/10/98

LN #	GRID NUMBER					pCi/g									
						0-1 METER			1-2 METERS			2-3 METERS			
						0-1'	1'-2'	2'-3'	3'-4'	4'-5'	5'-6'	6'-7'	7'-8'	8'-9'	9' - 10'
						Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U	Total-U
1	320	E	-	405	N	7	2	R	R	R	R	R	R	R	R
2	320	E	-	410	N	4	6	8	7	10	10				
3	320	E	-	385	N	8	8	8	7	6	8				
4	320	E	-	390	N	7	7	10	10	10	9				
5	320	E	-	390	N	9	10	6	7	11	8	7	11	13	7
6	320	E	-	395	N	11	11	7	8	8	6				
7	320	E	-	400	N	7	9	8	7	12	8				
8	325	E	-	385	N	5	6	R	R	R	R	R	R	R	R
9	325	E	-	390	N	6	8	8	R	R	R	R	R	R	R
10	320	E	-	395	N	10	8	R	R	R	R	R	R	R	R
11		E	-		N										
12		E	-		N										
13		E	-		N										
14		E	-		N										
15		E	-		N										
16		E	-		N										
17		E	-		N										
18		E	-		N										
19		E	-		N										
20		E	-		N										
21		E	-		N										
22		E	-		N										
23		E	-		N										
24		E	-		N										
25		E	-		N										

INSTRUMENTS

CIMARRON SOIL COUNTER 4"X4"X16" NaI DETECTOR

BACKGROUND

TOTAL U 4

MDA

10

BACKGROUND NOT SUBTRACTED

PAGE 11

FILE: WP1AOFSSR

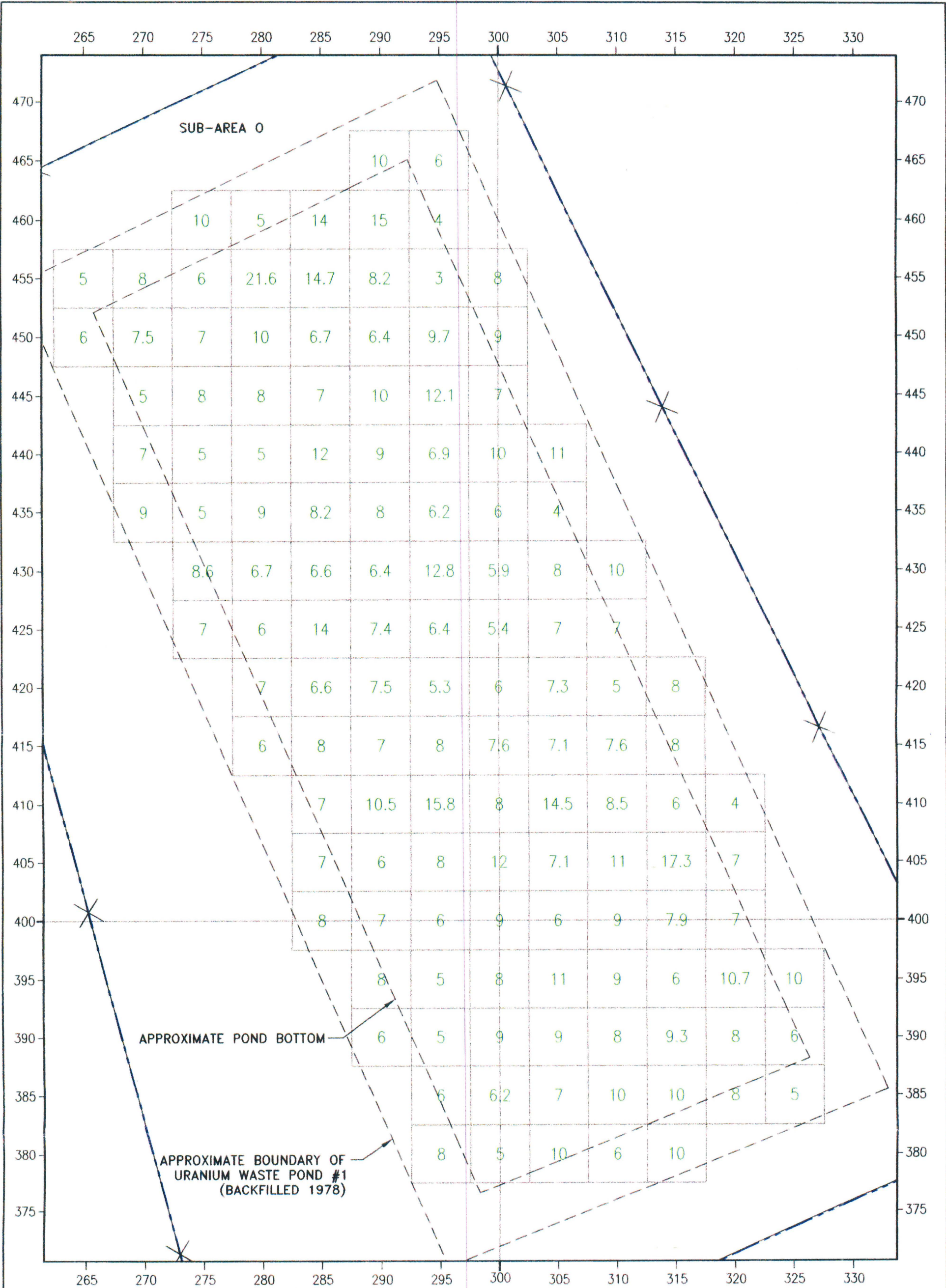
REVIEWED BY:


*W.A. Rogers*

DATE:

*3-11-98*



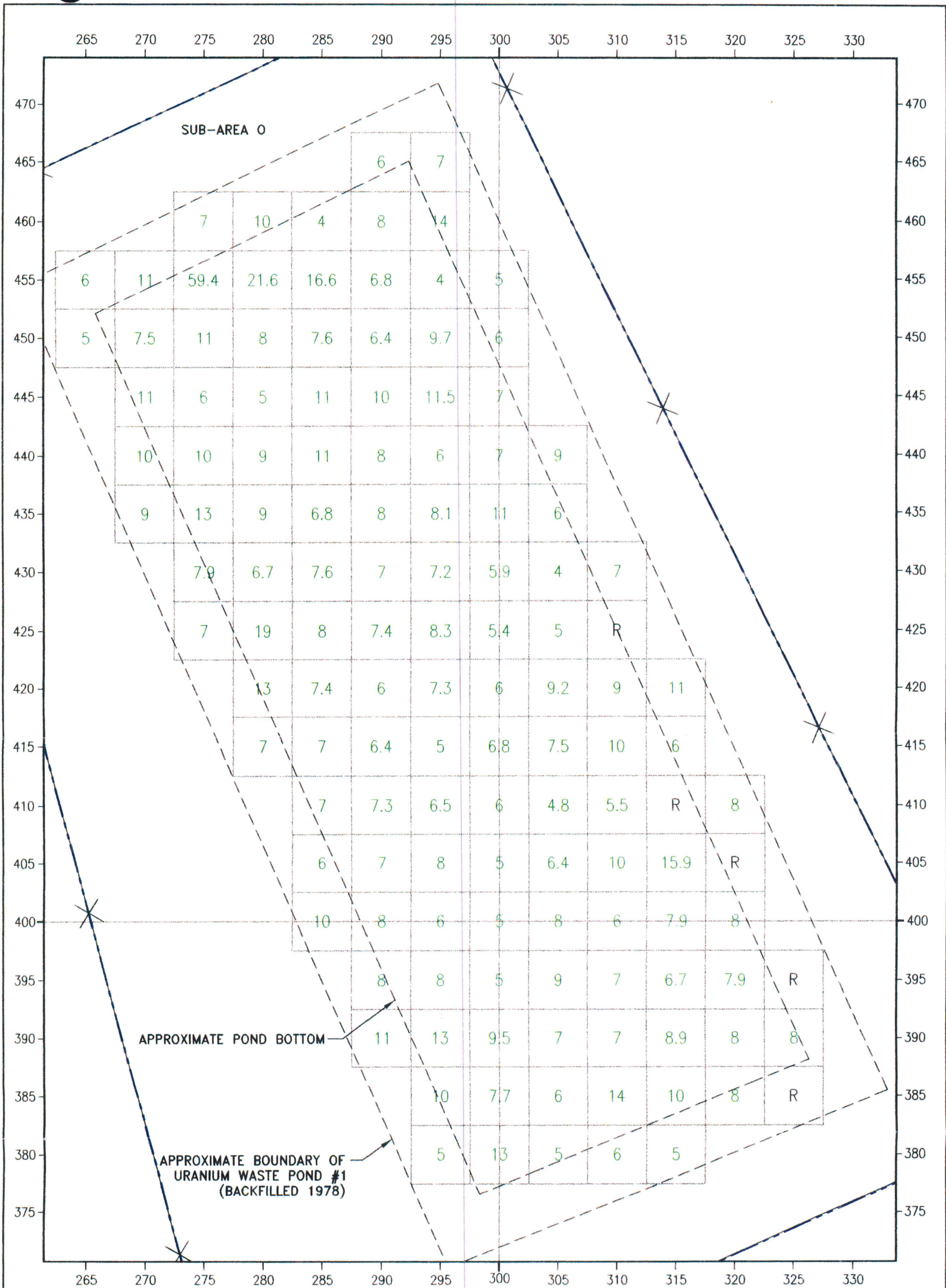



<b>NOTES</b> URANIUM (pCi/g U).  CIMARRON GAMMA SPEC SOIL COUNTER.  SITE SOIL BACKGROUND OF APPROXIMATELY 4.0 pCi/g U, NOT SUBTRACTED.		<b>LEGEND</b> <div><div>6</div>URANIUM 1 - 94 pCi/g U</div> <div><div>120</div>URANIUM 95 - 219 pCi/g U</div> <div><div>245</div>URANIUM &gt; 219 pCi/g U</div> <div><div>R</div>HIT ROCK - NO SAMPLE</div>		<div> <b>CIMARRON CORPORATION</b></div> <div><b>CIMARRON FACILITY</b> <b>URANIUM WASTE POND #1 SOIL SAMPLE RESULTS</b> 5 Meter x 5 Meter x 1 Foot Grid Average Soil Activity Soil Sample Aliquot: 0 - 1'</div>					
REV.	DESCRIPTION	DRWN BY:	CK'D BY:	APP'D BY:	DATE	DRWN BY:	DATE	SCALE:	AS SHOWN
						JE	1/24/98		
0	DRAWING ISSUED.	JE	RS	JL	3/2/98	JOB NO.	DRAWING NO.	97P1AVG--0	REV. 0







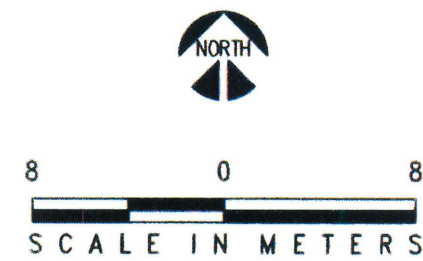
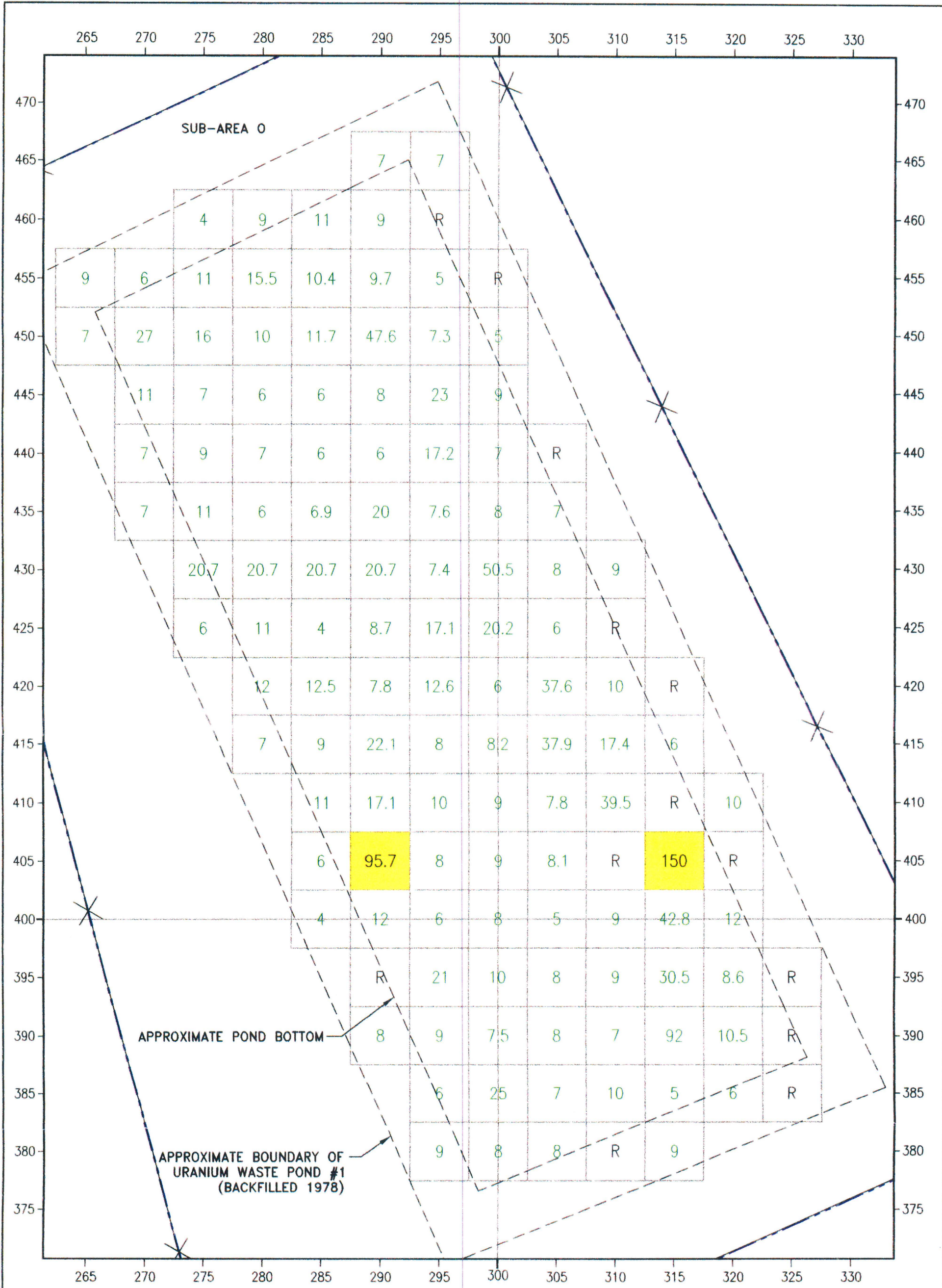


<b>NOTES</b> URANIUM (pCi/g U).  CIMARRON GAMMA SPEC SOIL COUNTER.  SITE SOIL BACKGROUND OF APPROXIMATELY 4.0 pCi/g U, NOT SUBTRACTED.		<b>LEGEND</b> <div><div>8</div>URANIUM 1 - 94 pCi/g U</div> <div><div>120</div>URANIUM 95 - 219 pCi/g U</div> <div><div>245</div>URANIUM &gt; 219 pCi/g U</div> <div>R HIT ROCK - NO SAMPLE</div>		<div> <b>CIMARRON CORPORATION</b></div> <div><b>CIMARRON FACILITY</b> <b>URANIUM WASTE POND #1 SOIL SAMPLE RESULTS</b> 5 Meter x 5 Meter x 1 Foot Grid Average Soil Activity Soil Sample Aliquot: 2' - 3'</div>					
REV.	DESCRIPTION	DRWN BY:	CK'D BY:	APP'D BY:	DATE	DRWN BY:	DATE	SCALE:	AS SHOWN
						JE	1/24/98		
0	DRAWING ISSUED.	JE	RS	JL	3/2/98	JOB NO.	DRAWING NO.	97P1AVG-2	REV. 0









**NOTES**

URANIUM (pCi/g U).

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROXIMATELY 4.0 pCi/g U, NOT SUBTRACTED.

**LEGEND**

6 URANIUM 1 - 94 pCi/g U

120 URANIUM 95 - 219 pCi/g U

245 URANIUM > 219 pCi/g U

R HIT ROCK - NO SAMPLE

**CIMARRON CORPORATION**

**CIMARRON FACILITY**

**URANIUM WASTE POND #1 SOIL SAMPLE RESULTS**

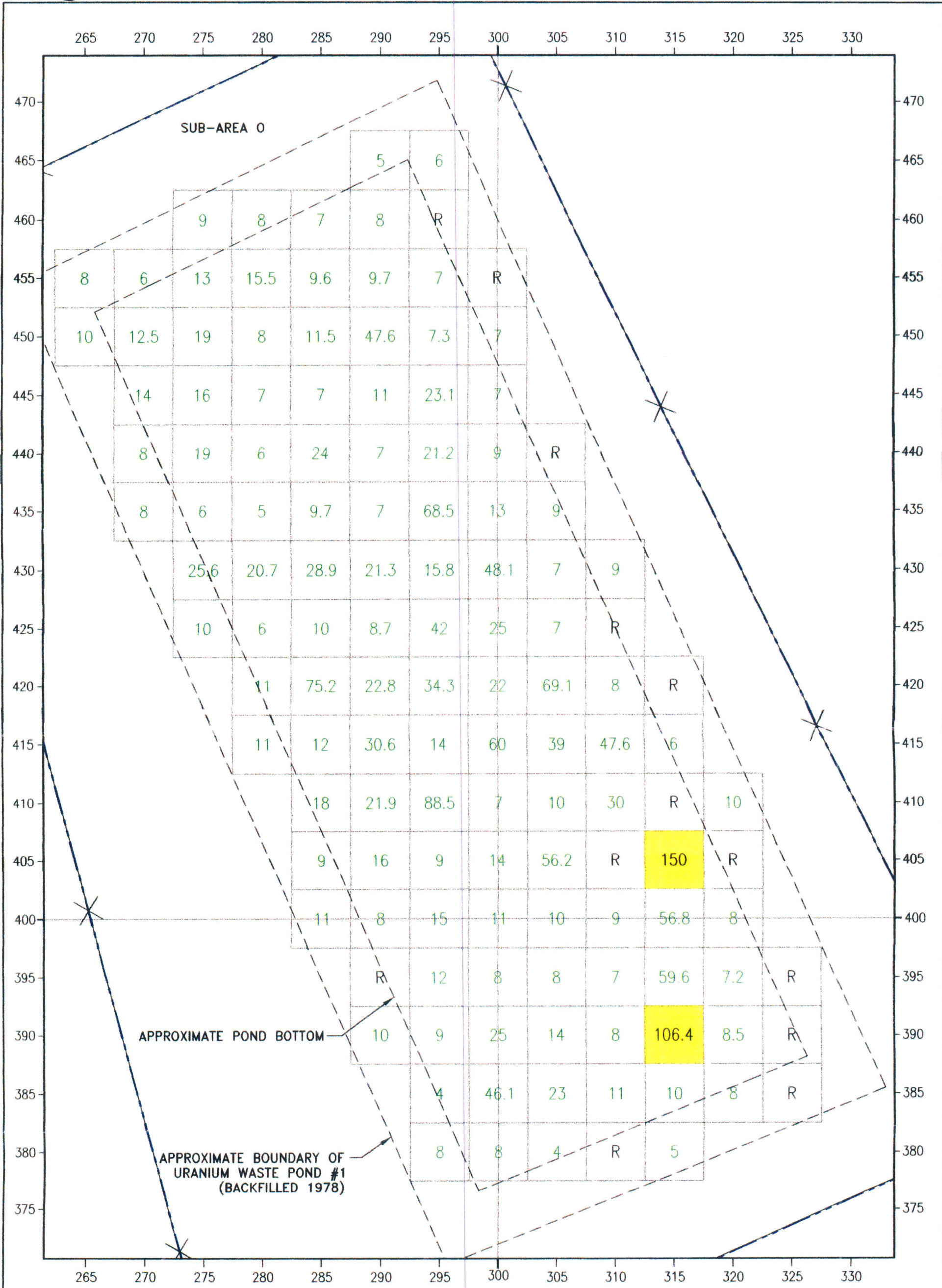
**5 Meter x 5 Meter x 1 Foot Grid**

**Average Soil Activity**

**Soil Sample Aliquot: 4' - 5'**

REV.	DESCRIPTION	DRWN. BY:	JE	DATE	1/24/98	SCALE:	AS SHOWN
0	DRAWING ISSUED.	JE	RS	JL	3/2/98	JOB NO.	DRAWING NO. 97P1AVG-4
							REV. 0





8 0 8  
SCALE IN METERS

NOTES

URANIUM (pCi/g U).  
CIMARRON GAMMA SPEC SOIL COUNTER.  
SITE SOIL BACKGROUND OF APPROXIMATELY  
4.0 pCi/g U, NOT SUBTRACTED.

LEGEND

6 URANIUM  
1 - 94 pCi/g U  
120 URANIUM  
95 - 219 pCi/g U  
245 URANIUM  
> 219 pCi/g U  
R HIT ROCK -  
NO SAMPLE



CIMARRON CORPORATION

CIMARRON FACILITY  
URANIUM WASTE POND #1 SOIL SAMPLE RESULTS  
5 Meter x 5 Meter x 1 Foot Grid  
Average Soil Activity  
Soil Sample Aliquot: 5' - 6'

REV.	DESCRIPTION	DRWN BY:	CKD BY:	APP'D BY:	DATE
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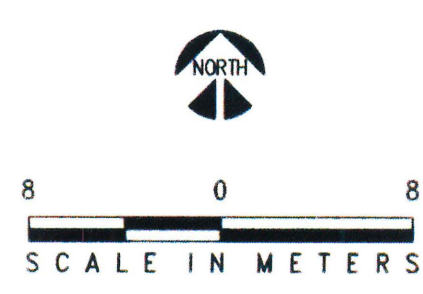
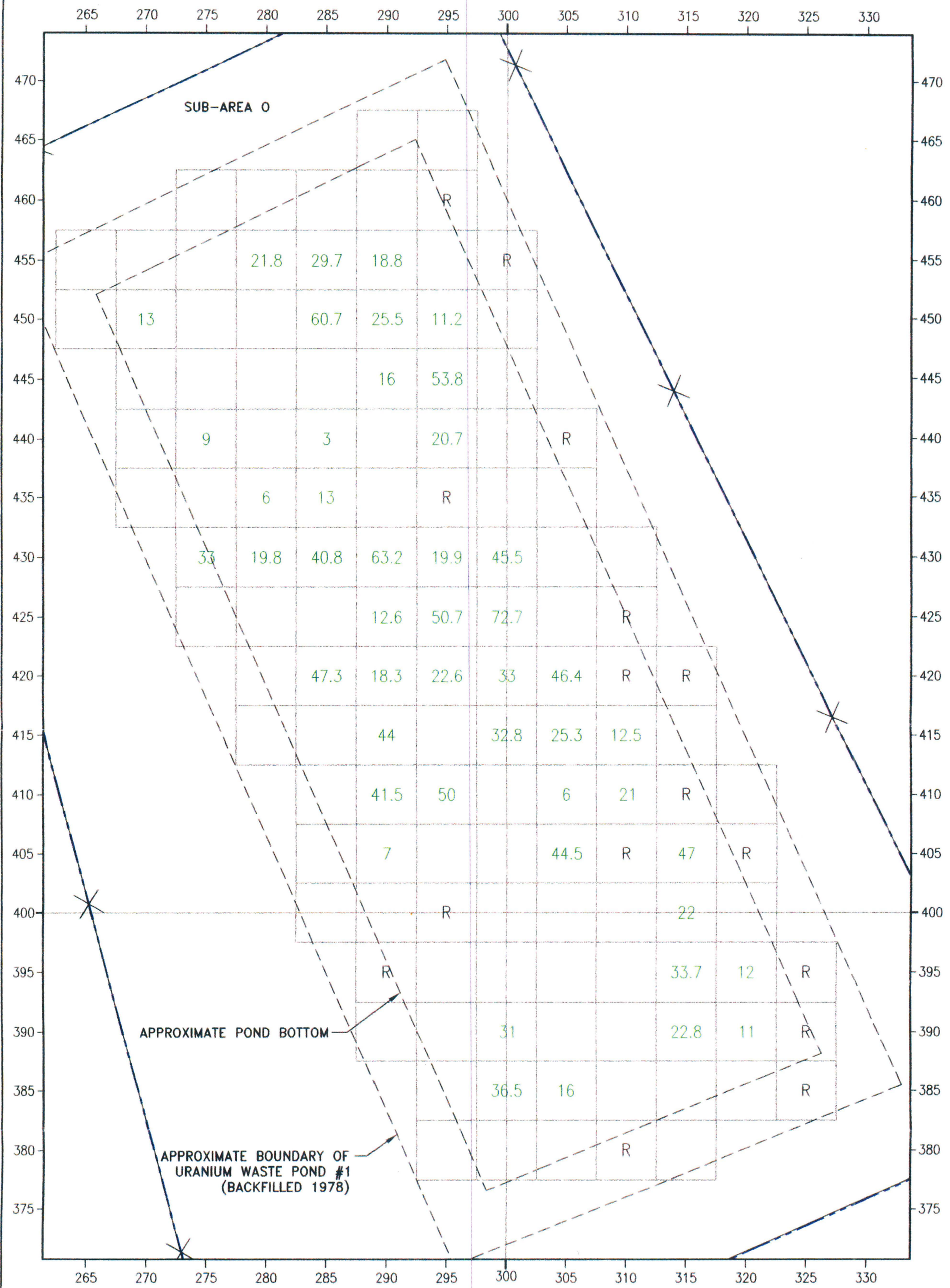
DRWN. BY: JE	DATE: 1/24/98	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97P1AVG-5	REV. 0

...\\UPOND1\\AVERAGES\\97P1AVGS









**NOTES**

URANIUM (pCi/g U).

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROXIMATELY 4.0 pCi/g U, NOT SUBTRACTED.

**LEGEND**

6 URANIUM 1 - 94 pCi/g U

120 URANIUM 95 - 219 pCi/g U

245 URANIUM > 219 pCi/g U

R HIT ROCK - NO SAMPLE

REV.	DESCRIPTION	DRWN BY:	CHK'D BY:	APP'D BY:	DATE
0	DRAWING ISSUED.	JE	RS	JL	3/2/98

**CIMARRON CORPORATION**

**CIMARRON FACILITY**

**URANIUM WASTE POND #1 SOIL SAMPLE RESULTS**

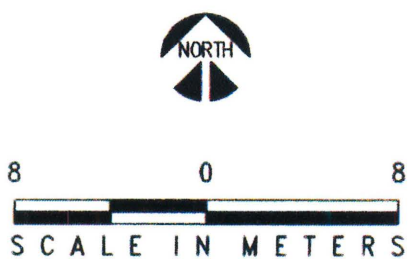
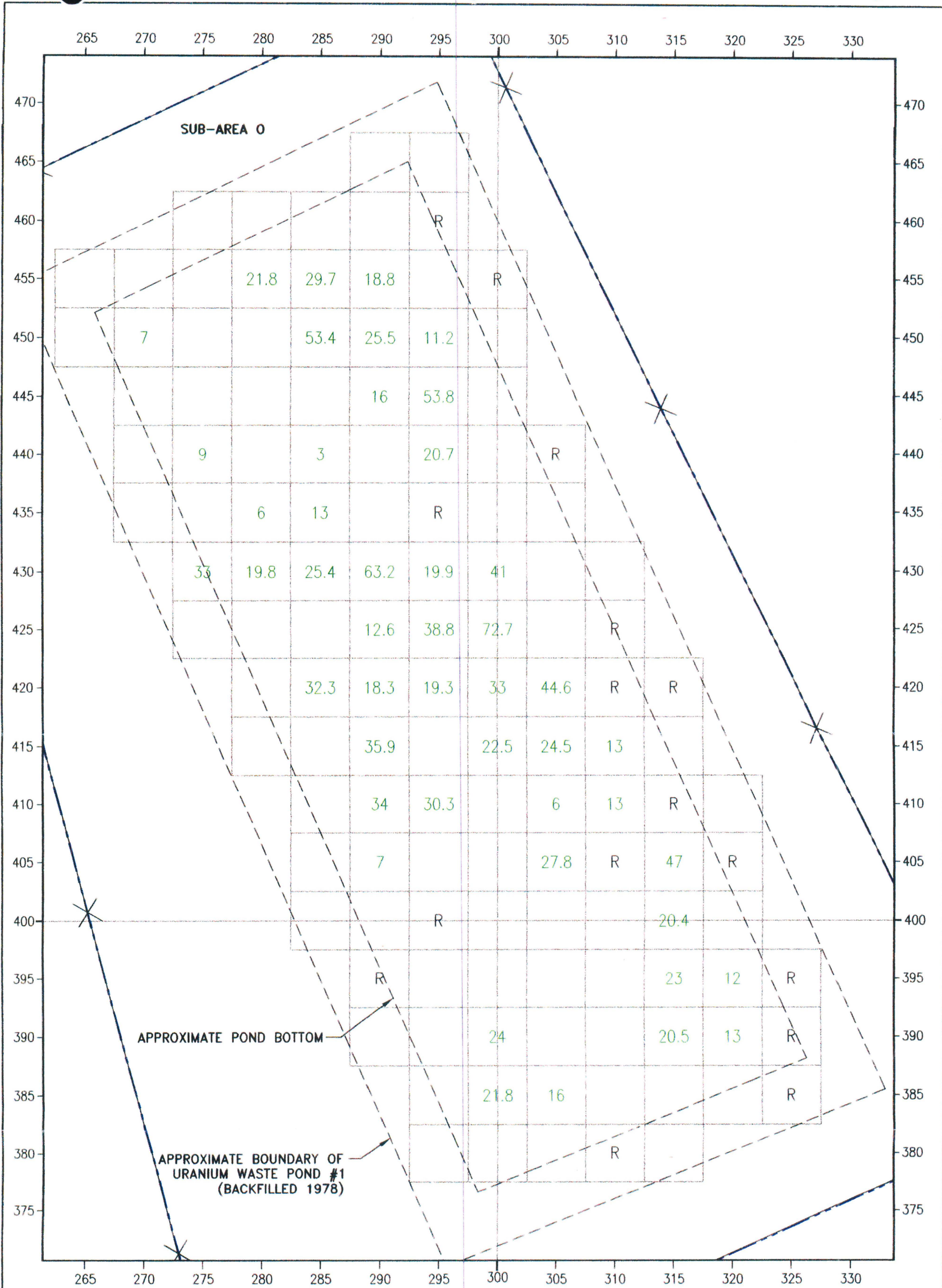
**5 Meter x 5 Meter x 1 Foot Grid**

**Average Soil Activity**

**Soil Sample Aliquot: 7' - 8'**

DRWN. BY: JE	DATE: 1/24/98	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97P1AVG-7	REV. 0





**NOTES**  
URANIUM (pCi/g U).  
CIMARRON GAMMA SPEC SOIL COUNTER.  
SITE SOIL BACKGROUND OF APPROXIMATELY 4.0 pCi/g U, NOT SUBTRACTED.

**LEGEND**  
6 URANIUM 1 - 94 pCi/g U  
120 URANIUM 95 - 219 pCi/g U  
245 URANIUM > 219 pCi/g U  
R HIT ROCK - NO SAMPLE

REV.	DESCRIPTION	DRWN BY	CKD BY	APP'D BY	DATE
0	DRAWING ISSUED.	JE	RS	JL	3/2/98



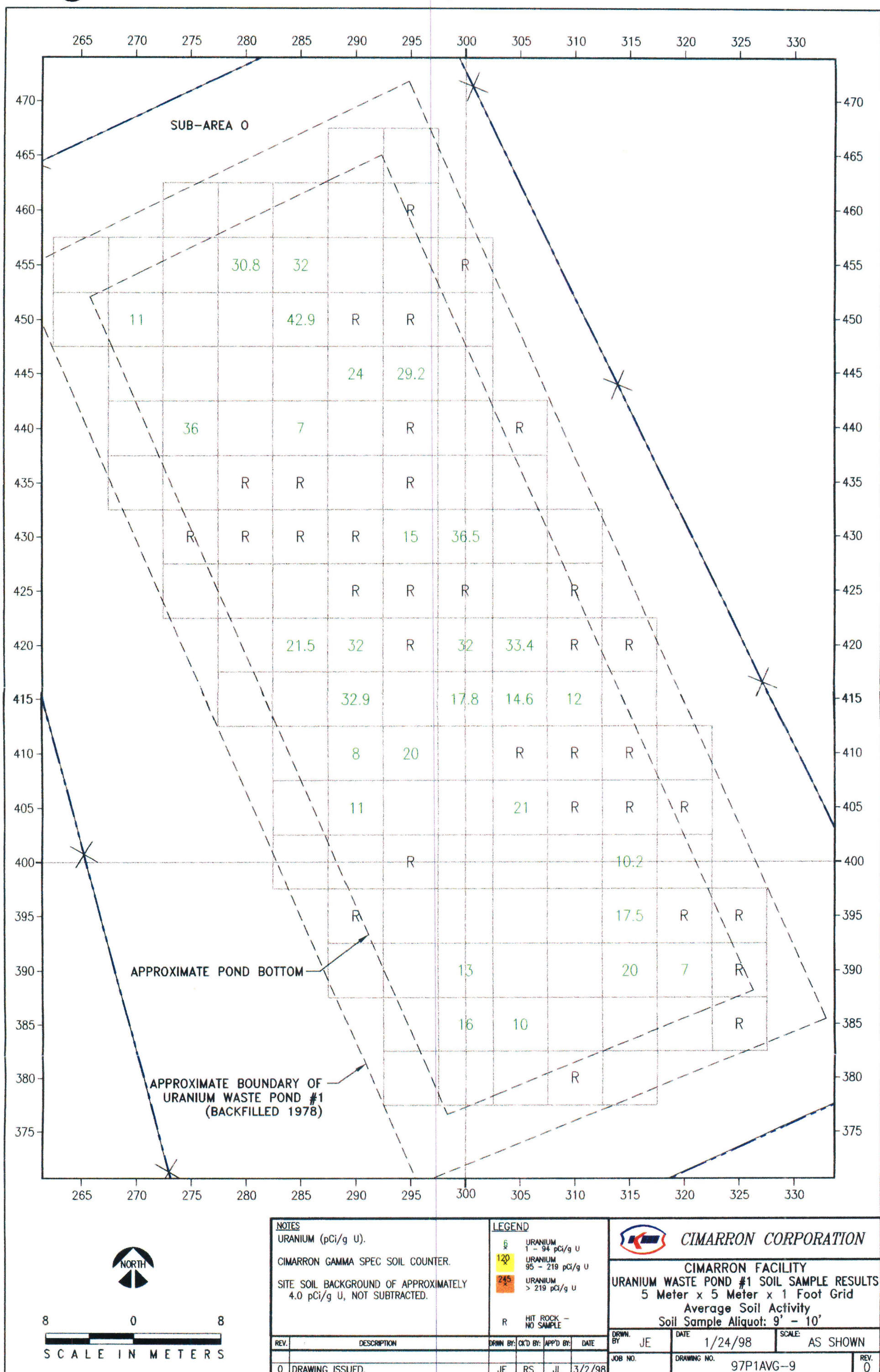
**CIMARRON CORPORATION**

**CIMARRON FACILITY**  
**URANIUM WASTE POND #1 SOIL SAMPLE RESULTS**  
5 Meter x 5 Meter x 1 Foot Grid  
Average Soil Activity  
Soil Sample Aliquot: 8' - 9'

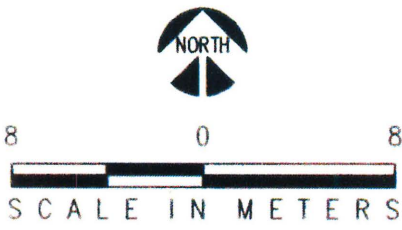
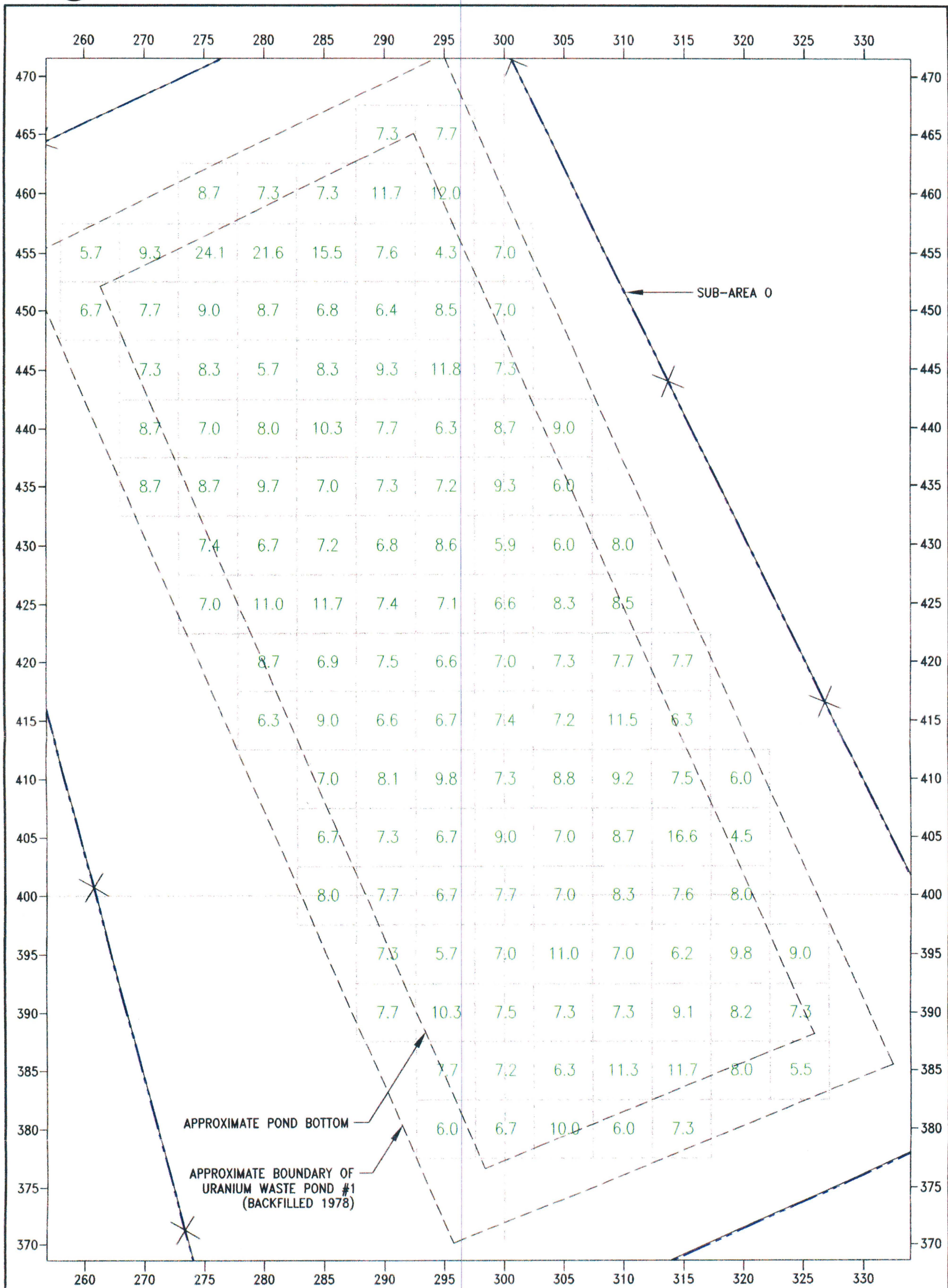
DRWN BY	JE	DATE	1/24/98	SCALE	AS SHOWN
JOB NO.		DRAWING NO.	97P1AVG-8	REV.	0

...\\UPOND1\\AVERAGES\\97P1AVGS



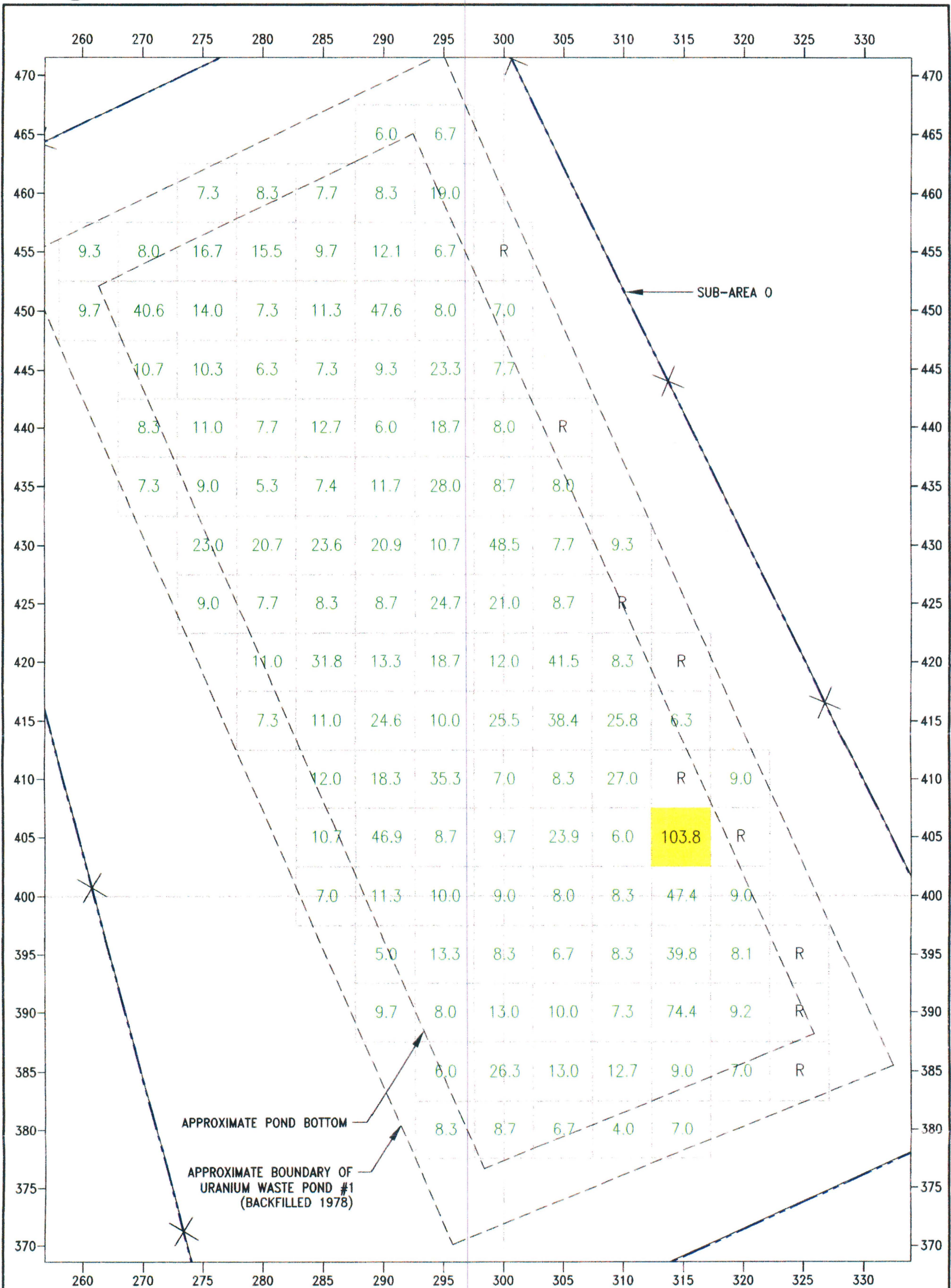






URANIUM (pCi/g U).				LEGEND				CIMARRON CORPORATION			
CIMARRON GAMMA SPEC SOIL COUNTER.				6 URANIUM 1 - 94 pCi/g U				CIMARRON FACILITY			
SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U, NOT SUBTRACTED.				120 URANIUM 95 - 219 pCi/g U				URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS			
				245 URANIUM > 219 pCi/g U				5 Meter x 5 Meter x 3 Foot Grid			
				R HIT ROCK - NO SAMPLE				Average Soil Activity			
								0 to 3' Soil Depth			
REV.	DESCRIPTION	DRWN BY:	CHKD BY:	APP'D BY:	DATE	DRWN BY:	JE	DATE	9/27/97	SCALE:	AS SHOWN
0	DRAWING ISSUED.	JE	WR	JL	3/2/98	JOB NO.		DRAWING NO.	97AVP1-0	REV.	0





8 0 8  
SCALE IN METERS

URANIUM (pCi/g U).  
CIMARRON GAMMA SPEC SOIL COUNTER.  
SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.

#### LEGEND

- 6 URANIUM 1 - 94 pCi/g U
- 120 URANIUM 95 - 219 pCi/g U
- 245 URANIUM > 219 pCi/g U
- R HIT ROCK - NO SAMPLE



CIMARRON CORPORATION

CIMARRON FACILITY  
URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS  
5 Meter x 5 Meter x 3 Foot Grid  
Average Soil Activity  
3' to 6' Soil Depth

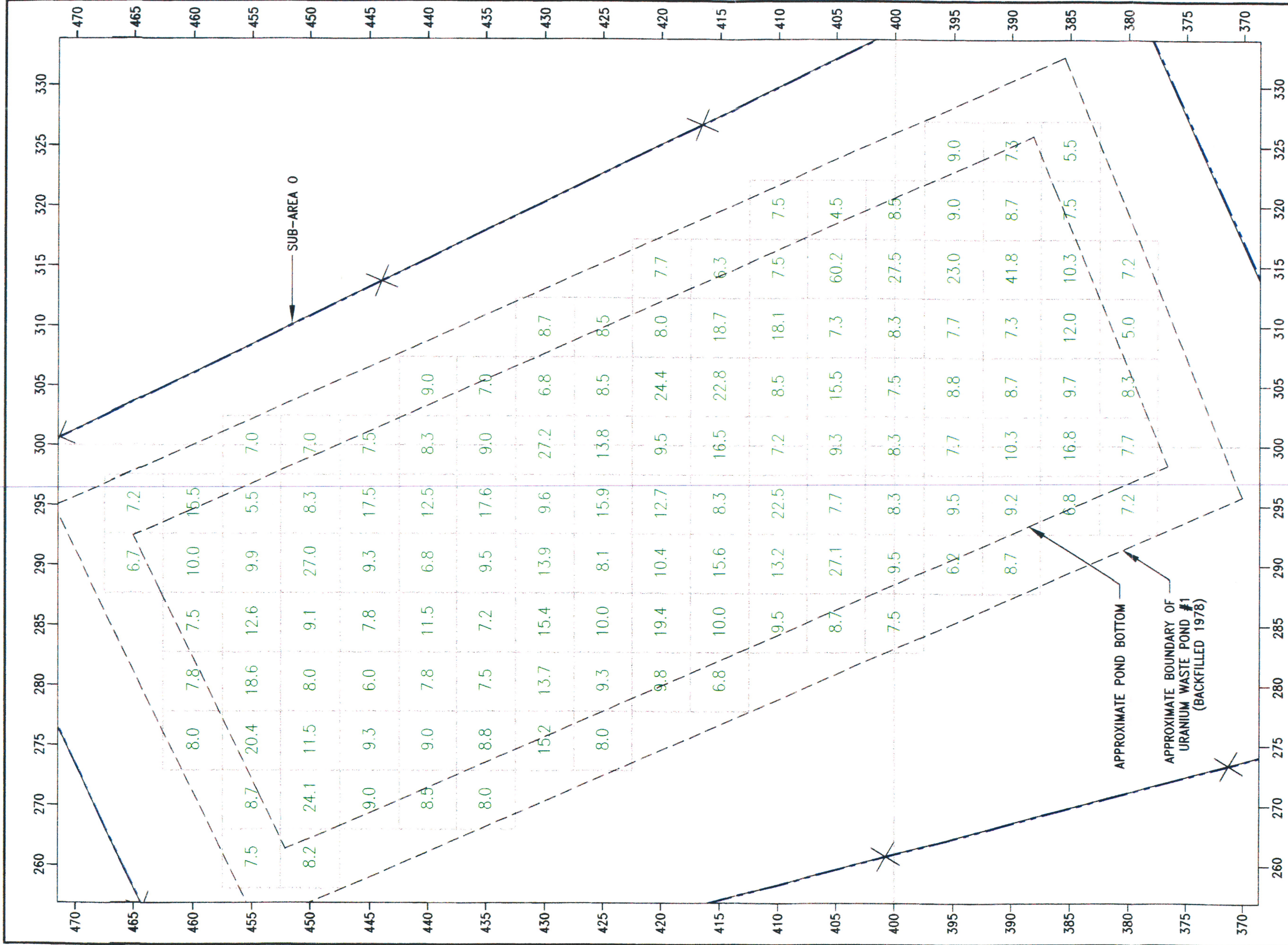
REV.	DESCRIPTION	DRWN BY:	CK'D BY:	APP'D BY:	DATE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98

DRWN. BY: JE	DATE: 9/27/97	SCALE: AS SHOWN
JOB NO.	DRAWING NO. 97AVP1-1	REV. 0









CIMARRON FACILITY  
URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS  
5 Meter x 5 Meter x 6 Foot Grid  
Average Soil Activity  
0 to 6' Soil Depth

URANIUM (pci/g U).  
CIMARRON GAMMA SPEC SOIL COUNTER.  
SITE SOIL BACKGROUND OF APPROX. 4.0 pci/g U,  
NOT SUBTRACTED.

LEGEND  
6 URANIUM  
1 - 69 pci/g U  
120 > 69 pci/g U

REV.	DESCRIPTION	DATE
0	DRAWING ISSUED.	3/2/98

SCALE IN METERS

0 8

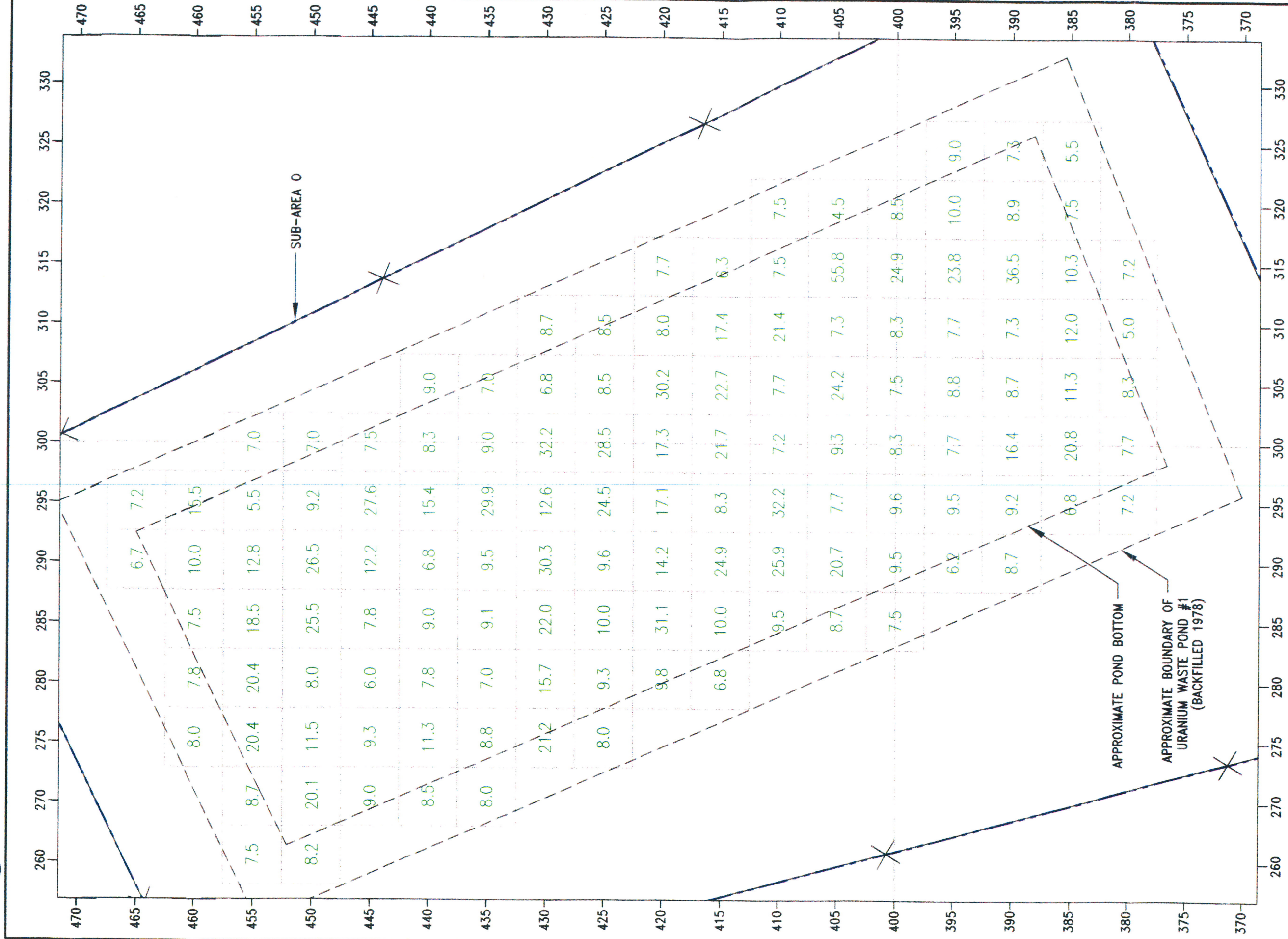
DATE 9/27/97


SCALE: AS SHOWN

97AVP1-3

REV. 0





**CIMARRON CORPORATION**

**CIMARRON FACILITY**  
**URANIUM WASTE POND #1 - SOIL SAMPLE RESULTS**  
5 Meter x 5 Meter x 10 Foot Grid  
Average Soil Activity  
0 to 10' Soil Depth

REV.	DESCRIPTION	DRAWN BY	CHECKED BY	APPROVED BY	DATE
0	DRAWING ISSUED.	JE	WR	JL	3/2/98

DRAWN BY	DATE	SCALE
JE	9/27/97	AS SHOWN


JOB NO.	DRAWING NO.	REV.
	97AVP1-4	0


...\\UPOND1\AVERAGES\P1AVG0-9

URANIUM (pCi/g U).

CIMARRON GAMMA SPEC SOIL COUNTER.

SITE SOIL BACKGROUND OF APPROX. 4.0 pCi/g U,  
NOT SUBTRACTED.

  
NORTH

  
SCALE IN METERS

Retention time=T+50

**CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
COVERED WASTE POND NO. 1  
POST-REMEDIATION SOIL SAMPLE AVERAGES**

LN #					0-2 METER AVG	0-3 METER AVG
		0-1 METER	1-2 METER	2-3 METER	INDIVIDUAL HOL	INDIVIDUAL HOLE
		U	U	U	U	U
1	260 E - 450 N	6.7	9.7		8.2	8.2
2	260 E - 455 N	5.7	9.3		7.5	7.5
3	270 E - 435 N	8.7	7.3		8.0	8.0
4	270 E - 440 N	8.7	8.3		8.5	8.5
5	270 E - 445 N	7.3	10.7		9.0	9.0
6	270 E - 450 N	7.7	40.6	12.0	24.1	20.1
7	270 E - 455 N	9.3	8.0		8.7	8.7
8	275 E - 425 N	7.0	9.0		8.0	8.0
9	275 E - 430 N	7.4	23.0	33.0	15.2	21.2
10	275 E - 435 N	8.7	9.0		8.9	8.8
11	275 E - 440 N	7.0	11.0	15.8	9.0	11.3
12	275 E - 445 N	8.3	10.3		9.3	9.3
13	275 E - 450 N	9.0	14.0		11.5	11.5
14	275 E - 455 N	24.1	16.7		20.4	20.4
15	275 E - 460 N	8.7	7.3		8.0	8.0
16	280 E - 415 N	6.3	7.3		6.8	6.8
17	280 E - 420 N	8.7	11.0		9.8	9.8
18	280 E - 425 N	11.0	7.7		9.3	9.3
19	280 E - 430 N	6.7	20.7	19.8	13.7	15.7
20	280 E - 435 N	9.7	5.3	6.0	7.5	7.0
21	280 E - 440 N	8.0	7.7		7.8	7.8
22	280 E - 445 N	5.7	6.3		6.0	6.0
23	280 E - 450 N	8.7	7.3		8.0	8.0
24	280 E - 455 N	21.6	15.5	24.1	18.6	20.4
25	280 E - 460 N	7.3	8.3		7.8	7.8
26						
27						
28						
29						
30						

<u>Background</u>		MDA
<b>INSTRUMENTS:</b>		
<u>CIMARRON SOIL COUNTER</u>		
<u>4X4"X16" NaI DETECTOR</u>	Total U <u>4</u>	<u>10</u>
File: P3WP1AVG	REVIEWED BY <u>W. A. Rogers</u>	DATE: <u>3-6-98</u>



Retention time=T+50

**CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
COVERED WASTE POND NO. 1  
POST-REMEDIATION SOIL SAMPLE AVERAGES**

LN #		0-2 METER AVG			0-3 METER AVG	
		0-1 METER	1-2 METER	2-3 METER	INDIVIDUAL HOLE	INDIVIDUAL HOLE
		U	U	U	U	U
1	285 E - 400 N	8.0	7.0		7.5	7.5
2	285 E - 405 N	6.7	10.7		8.7	8.7
3	285 E - 410 N	7.0	12.0		9.5	9.5
4	285 E - 415 N	9.0	11.0		10.0	10.0
5	285 E - 420 N	6.9	31.8	54.6	19.4	31.1
6	285 E - 425 N	11.7	8.3		10.0	10.0
7	285 E - 430 N	7.2	23.6	35.3	15.4	22.0
8	285 E - 435 N	7.0	7.4	13.0	7.2	9.1
9	285 E - 440 N	10.3	12.7	4.0	11.5	9.0
10	285 E - 445 N	8.3	7.3		7.8	7.8
11	285 E - 450 N	6.8	11.3	58.4	9.1	25.5
12	285 E - 455 N	15.5	9.7	30.3	12.6	18.5
13	285 E - 460 N	7.3	7.7		7.5	7.5
14	290 E - 390 N	7.7	9.7		8.7	8.7
15	290 E - 395 N	7.3	5.0	R	6.2	6.2
16	290 E - 400 N	7.7	11.3		9.5	9.5
17	290 E - 405 N	7.3	46.9	8.0	27.1	20.7
18	290 E - 410 N	8.1	18.3	51.4	13.2	25.9
19	290 E - 415 N	6.6	24.6	43.4	15.6	24.9
20	290 E - 420 N	7.5	13.3	21.7	10.4	14.2
21	290 E - 425 N	7.4	8.7	12.6	8.1	9.6
22	290 E - 430 N	6.8	20.9	63.2	13.9	30.3
23	290 E - 435 N	7.3	11.7		9.5	9.5
24	290 E - 440 N	7.7	6.0		6.8	6.8
25	290 E - 445 N	9.3	9.3	18	9.3	12.2
26	290 E - 450 N	6.4	47.6	25.5	27	26.5
27	290 E - 455 N	7.6	12.1	18.8	9.9	12.8
28	290 E - 460 N	11.7	8.3		10	10
29	290 E - 465 N	7.3	6		6.7	6.7
30						

**INSTRUMENTS:**

**CIMARRON SOIL COUNTER  
4X4"X16" NaI DETECTOR**

Total U

Background4MDA10

File: P3WP1AVG

REVIEWED BY

*W. a. Rogers*

DATE: 3-6-98

Retention time=T+50

**CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
COVERED WASTE POND NO. 1  
POST-REMEDIATION SOIL SAMPLE AVERAGES**

LN #		0-2 METER AVG			0-3 METER AVG	
		0-1 METER	1-2 METER	2-3 METER	INDIVIDUAL HOL	INDIVIDUAL HOLE
		U	U	U	U	U
1	295 E - 380 N	6.0	8.3		7.2	7.2
2	295 E - 385 N	7.7	6.0		6.8	6.8
3	295 E - 390 N	10.3	8.0		9.2	9.2
4	295 E - 395 N	5.7	13.3		9.5	9.5
5	295 E - 400 N	6.7	10.0	12.0	8.3	9.6
6	295 E - 405 N	6.7	8.7		7.7	7.7
7	295 E - 410 N	9.8	35.5	51.5	22.5	32.2
8	295 E - 415 N	6.7	10.0		8.3	8.3
9	295 E - 420 N	6.6	18.7	25.9	12.7	17.1
10	295 E - 425 N	7.1	24.7	41.6	15.9	24.5
11	295 E - 430 N	8.6	10.7	18.7	9.6	12.6
12	295 E - 435 N	7.2	28.0	54.6	17.6	29.9
13	295 E - 440 N	6.3	18.7	21.1	12.5	15.4
14	295 E - 445 N	11.8	23.3	47.7	17.5	27.6
15	295 E - 450 N	8.5	8.0	11.2	8.3	9.2
16	295 E - 455 N	4.3	6.7		5.5	5.5
17	295 E - 460 N	12.0	19.0	R	15.5	15.5
18	295 E - 465 N	7.7	6.7		7.2	7.2
19						
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21						
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23						
24						
25						
26						
27						
28						
29						
30						

INSTRUMENTS:		Background	MDA
CIMARRON SOIL COUNTER 4X4"X16" NaI DETECTOR		Total U	10
File: P3WP1AVG		REVIEWED BY <i>W.A. Rogers</i>	DATE: 3-6-98



Retention time=T+50

CIMARRON CORPORATION  
CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
COVERED WASTE POND NO. 1  
POST-REMEDIATION SOIL SAMPLE AVERAGES

LN #					0-2 METER AVG		0-3 METER AVG
		0-1 METER	1-2	METER	2-3 METER	INDIVIDUAL HOL	INDIVIDUAL HOL
		U		U	U	U	U
1	300 E - 380 N	6.7		8.7		7.7	7.7
2	300 E - 385 N	7.2		26.3	28.8	16.8	20.8
3	300 E - 390 N	7.5		13.0	28.8	10.3	16.4
4	300 E - 395 N	7.0		8.3		7.7	7.7
5	300 E - 400 N	7.7		9.0		8.3	8.3
6	300 E - 405 N	9.0		9.7		9.3	9.3
7	300 E - 410 N	7.3		7.0		7.2	7.2
8	300 E - 415 N	7.4		25.5	32.2	16.5	21.7
9	300 E - 420 N	7.0		12.0	32.8	9.5	17.3
10	300 E - 425 N	6.6		21.0	58.0	13.8	28.5
11	300 E - 430 N	5.9		48.5	42.1	27.2	32.2
12	300 E - 435 N	9.3		8.7		9.0	9.0
13	300 E - 440 N	8.7		8.0		8.3	8.3
14	300 E - 445 N	7.3		7.7		7.5	7.5
15	300 E - 450 N	7.0		7.0		7.0	7.0
16	300 E - 455 N	7.0		R	R	7.0	7.0
17	305 E - 380 N	10.0		6.7		8.3	8.3
18	305 E - 385 N	6.3		13.0	14.5	9.7	11.3
19	305 E - 390 N	7.3		10.0		8.7	8.7
20	305 E - 395 N	11.0		6.7		8.8	8.8
21	305 E - 400 N	7.0		8.0		7.5	7.5
22	305 E - 405 N	7.0		23.9	41.6	15.5	24.2
23	305 E - 410 N	8.8		8.3	6.0	8.5	7.7
24	305 E - 415 N	7.2		38.4	22.6	22.8	22.7
25	305 E - 420 N	7.3		41.5	41.7	24.4	30.2
26	305 E - 425 N	8.3		8.7		8.5	8.5
27	305 E - 430 N	6.0		7.7		6.8	6.8
28	305 E - 435 N	6.0		8		7.0	7.0
29	305 E - 440 N	9.0		R	R	9.0	9.0
30							

## INSTRUMENTS:

BackgroundMDA

CIMARRON SOIL COUNTER  
4X4"X16" NaI DETECTOR

Total U

4

10

File: P3WP1AVG

REVIEWED BY

*W. A. Rogers*

DATE: 3-6-98

**CIMARRON FACILITY  
PHASE III, SUB-AREA "O"  
COVERED WASTE POND NO. 1  
POST-REMEDIATION SOIL SAMPLE AVERAGES**

LN #		0-2 METER AVG			0-3 METER AVG	
		0-1 METER	1-2 METER	2-3 METER	INDIVIDUAL HOLE	INDIVIDUAL HOLE
		U	U	U	U	U
1	310 E - 380 N	6.0	4.0	R	5.0	5.0
2	310 E - 385 N	11.3	12.7		12.0	12.0
3	310 E - 390 N	7.3	7.3		7.3	7.3
4	310 E - 395 N	7.0	8.3		7.7	7.7
5	310 E - 400 N	8.3	8.3		8.3	8.3
6	310 E - 405 N	8.7	6.0	R	7.3	7.3
7	310 E - 410 N	9.2	27.0	28.0	18.1	21.4
8	310 E - 415 N	11.5	25.8	15.0	18.7	17.4
9	310 E - 420 N	7.7	8.3	R	8.0	8.0
10	310 E - 425 N	8.5	R	R	8.5	8.5
11	310 E - 430 N	8.0	9.3		8.7	8.7
12	315 E - 380 N	7.3	7.0		7.2	7.2
13	315 E - 385 N	11.7	9.0		10.3	10.3
14	315 E - 390 N	9.1	74.4	26.1	41.8	36.5
15	315 E - 395 N	6.2	39.8	25.2	23.0	23.8
16	315 E - 400 N	7.6	47.4	19.7	27.5	24.9
17	315 E - 405 N	16.6	103.8	47.0	60.2	55.8
18	315 E - 410 N	7.5	R	R	7.5	7.5
19	315 E - 415 N	6.3	6.3		6.3	6.3
20	315 E - 420 N	7.7	R	R	7.7	7.7
21	320 E - 385 N	8.0	7.0		7.5	7.5
22	320 E - 390 N	8.2	9.2	9.5	8.7	8.9
23	320 E - 395 N	9.8	8.1	12.0	9.0	10.0
24	320 E - 400 N	8.0	9.0		8.5	8.5
25	320 E - 405 N	4.5	R		4.5	4.5
26	320 E - 410 N	6.0	9.0		7.5	7.5
27	325 E - 385 N	5.5	R	R	5.5	5.5
28	325 E - 390 N	7.3	R	R	7.3	7.3
29	325 E - 395 N	9.0	R	R	9.0	9.0
30						

INSTRUMENTS:		Background	MDA
CIMARRON SOIL COUNTER			
4X4"X16" NaI DETECTOR		Total U	10
File: P3WP1AVG		REVIEWED BY <i>W. Q. Rogers</i>	DATE: 3-6-98