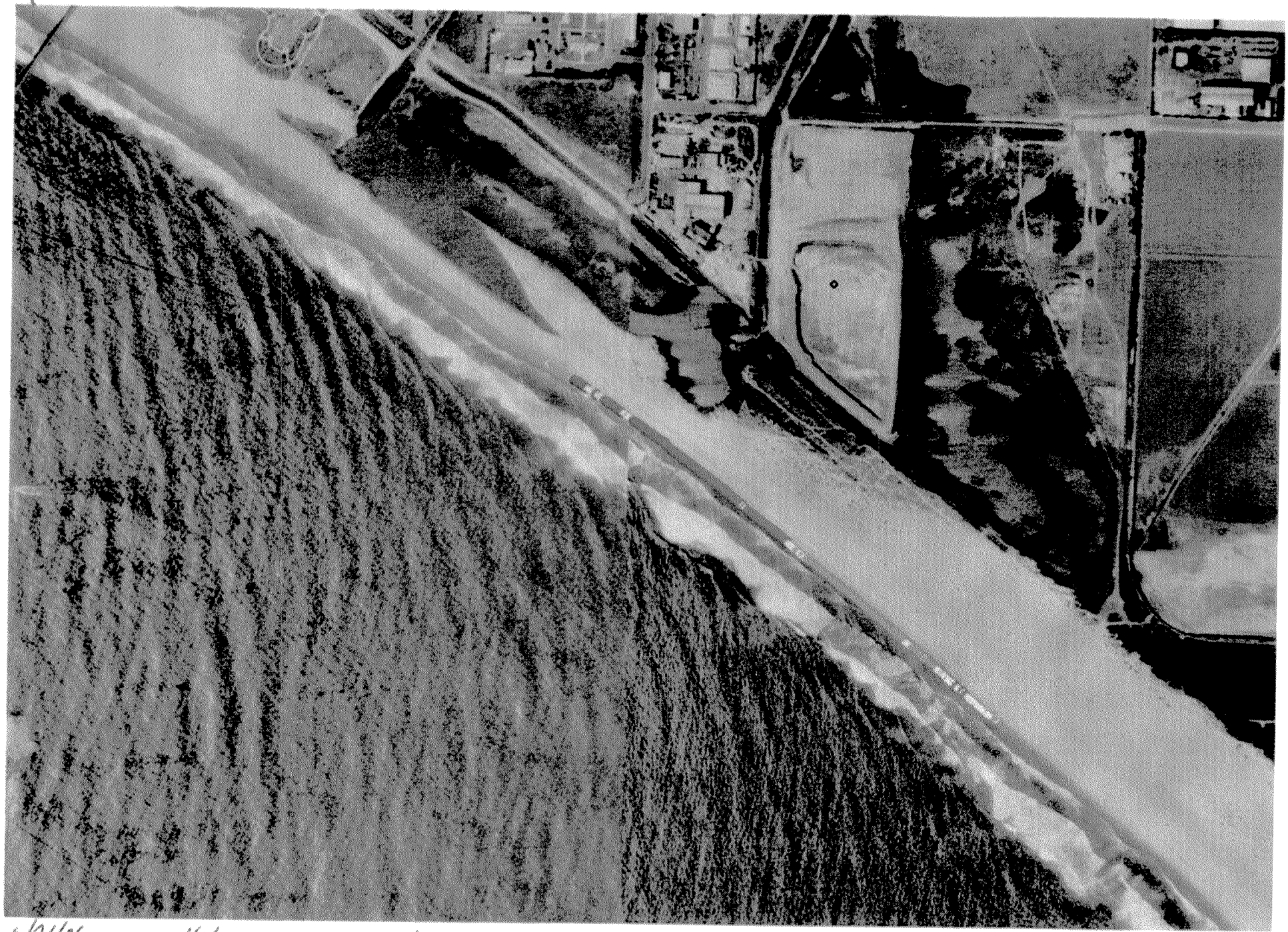
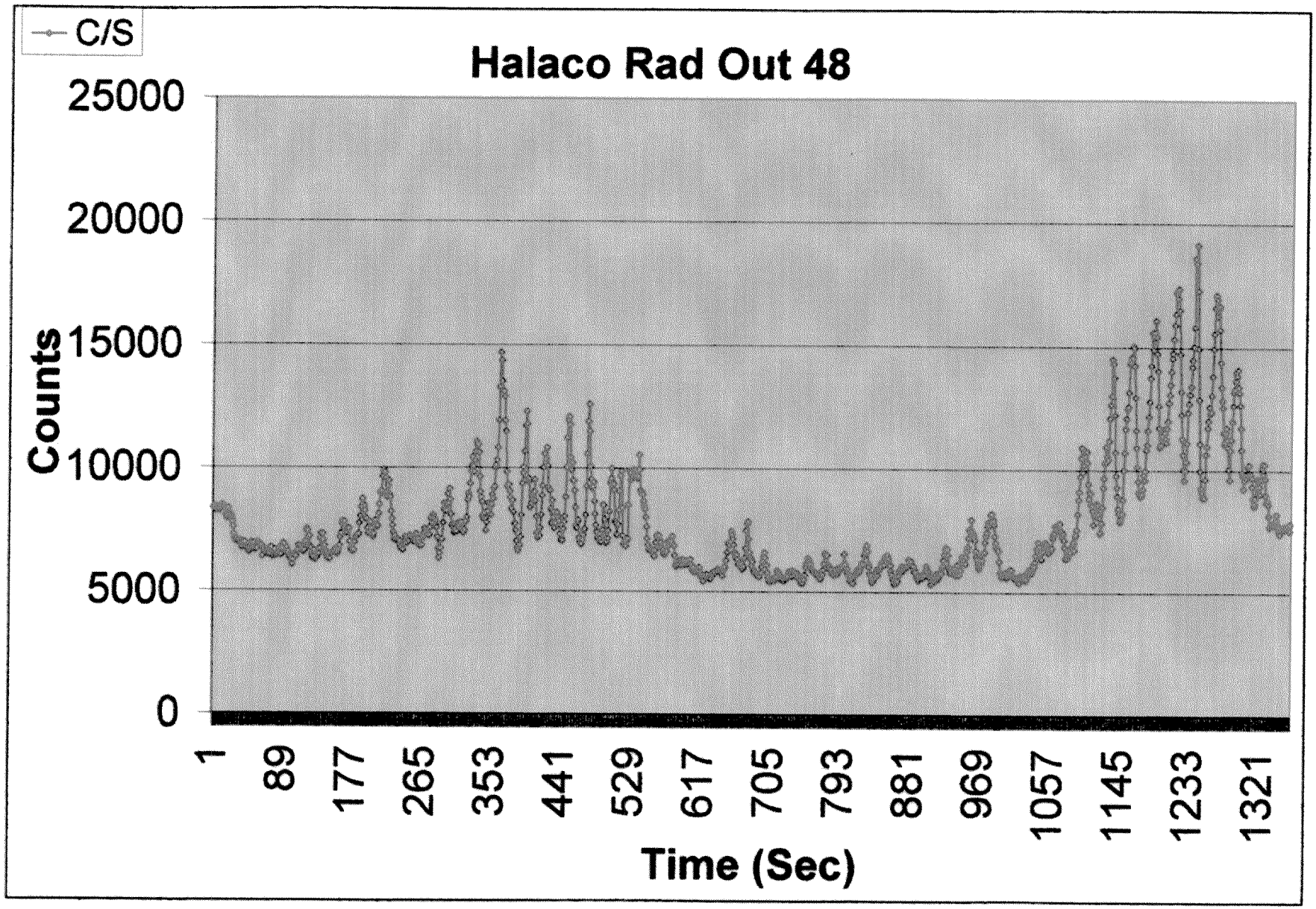


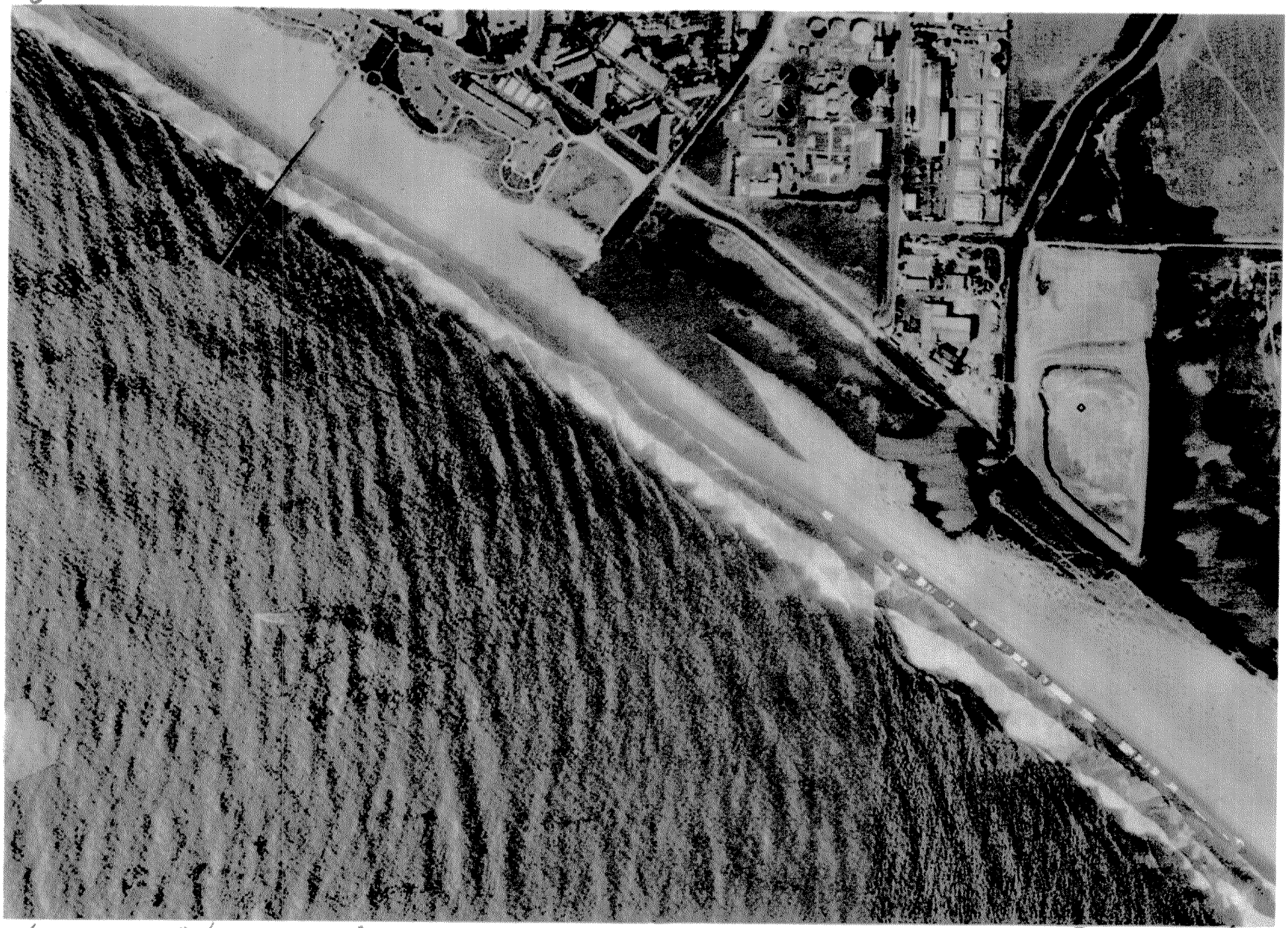
6/26/06 Halco Red out ~~[illegible]~~ 4-7

>9K Red
yell
<8K Green

10 A



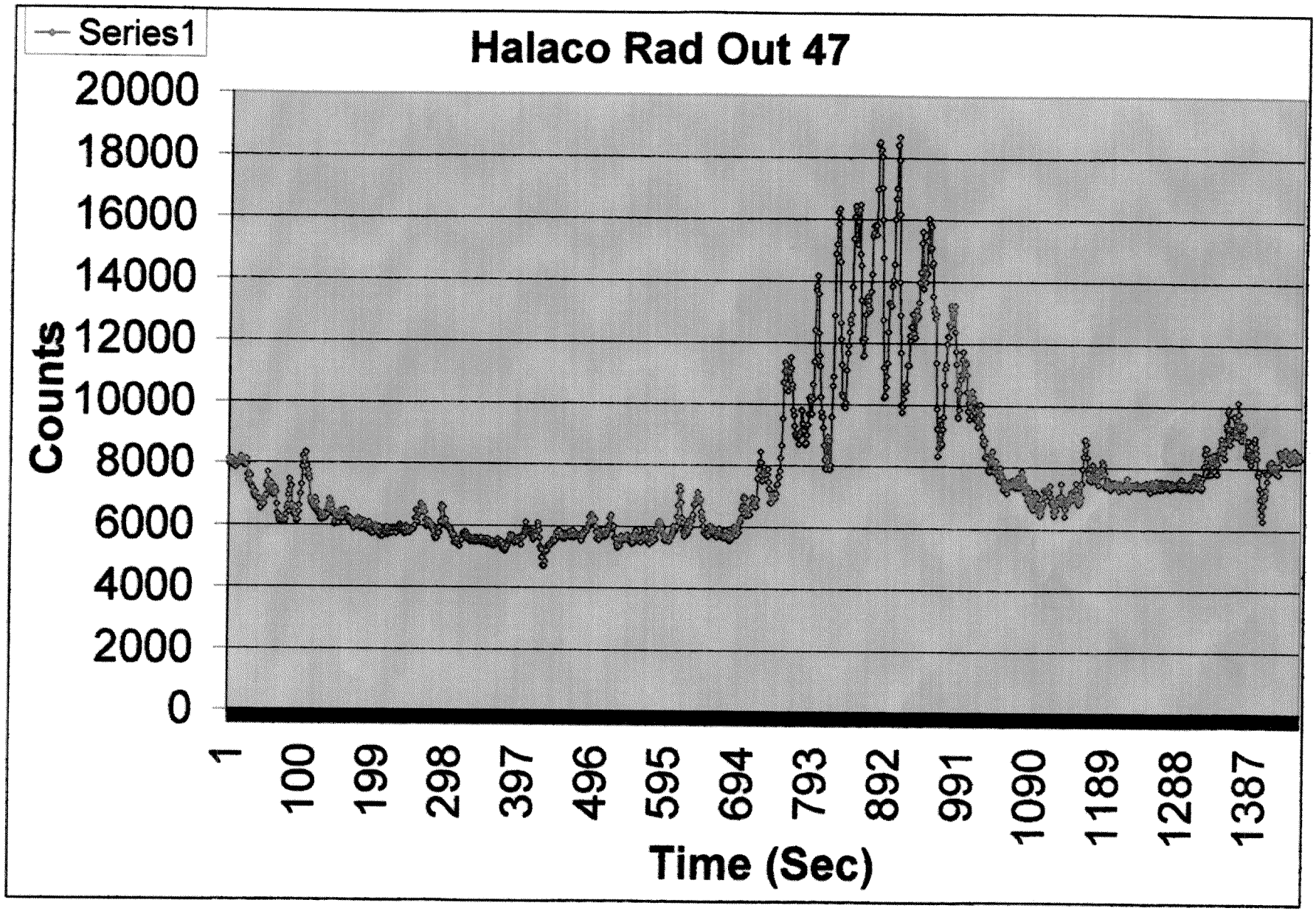
> 13K Red
yell
< 11K Green

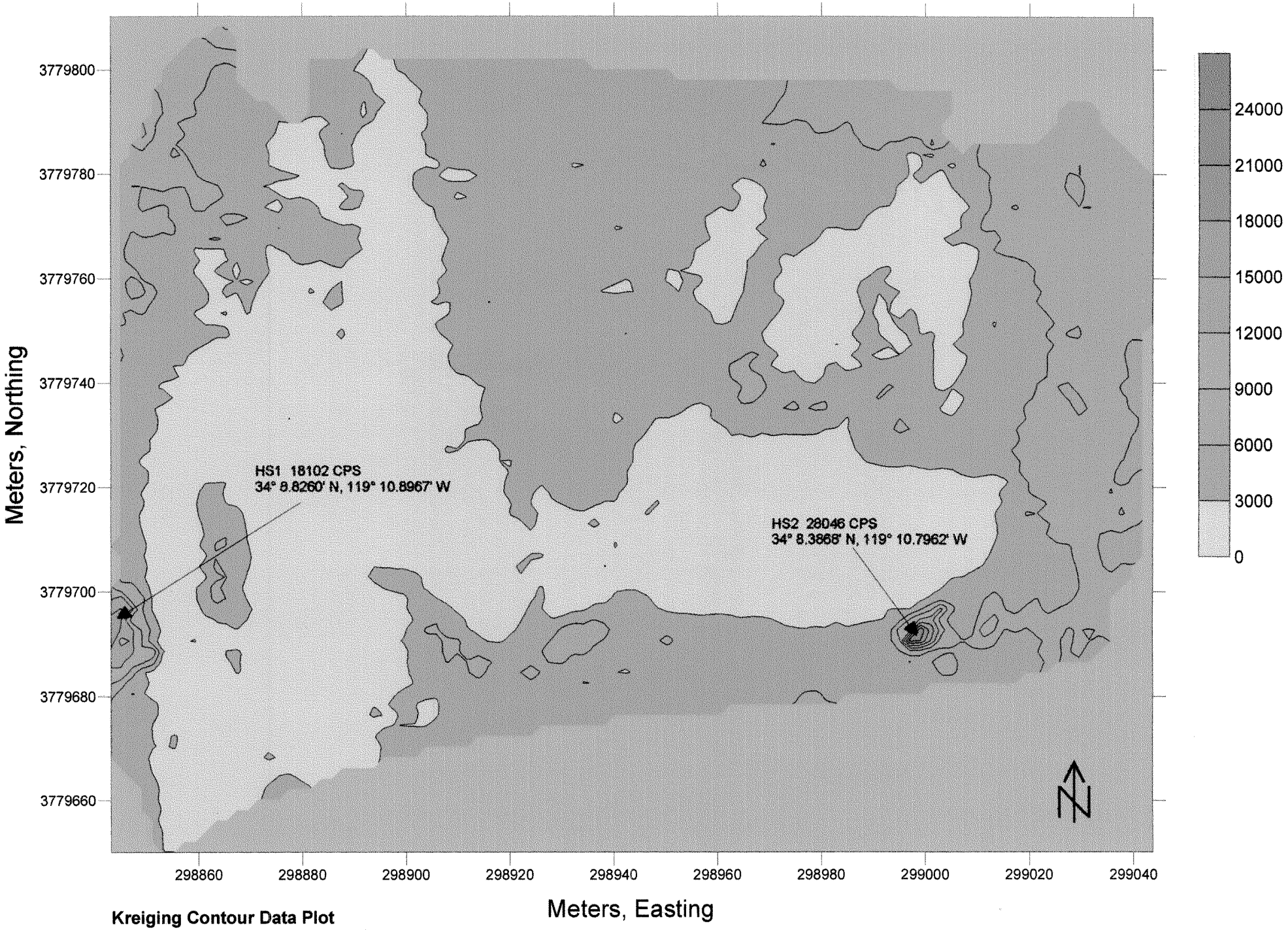


6/26/06 Balaco Rad out 46

>8K red
yell
<7K Green

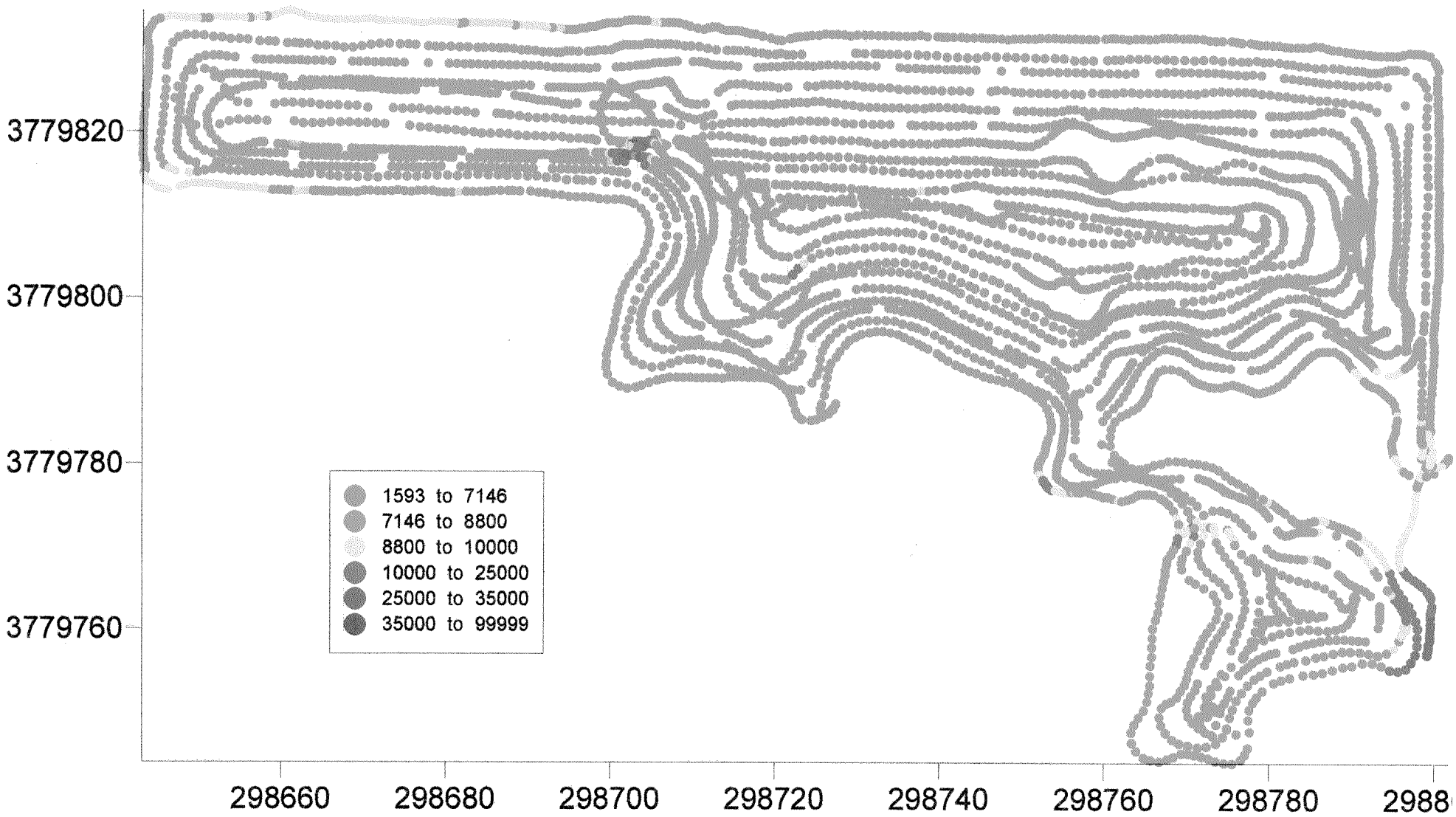
9A


Series1
Halaco Rad Out 47
Counts
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
1
100
199
298
397
496
595
694
793
892
991
1090
1189
1288
1387
Time (Sec)

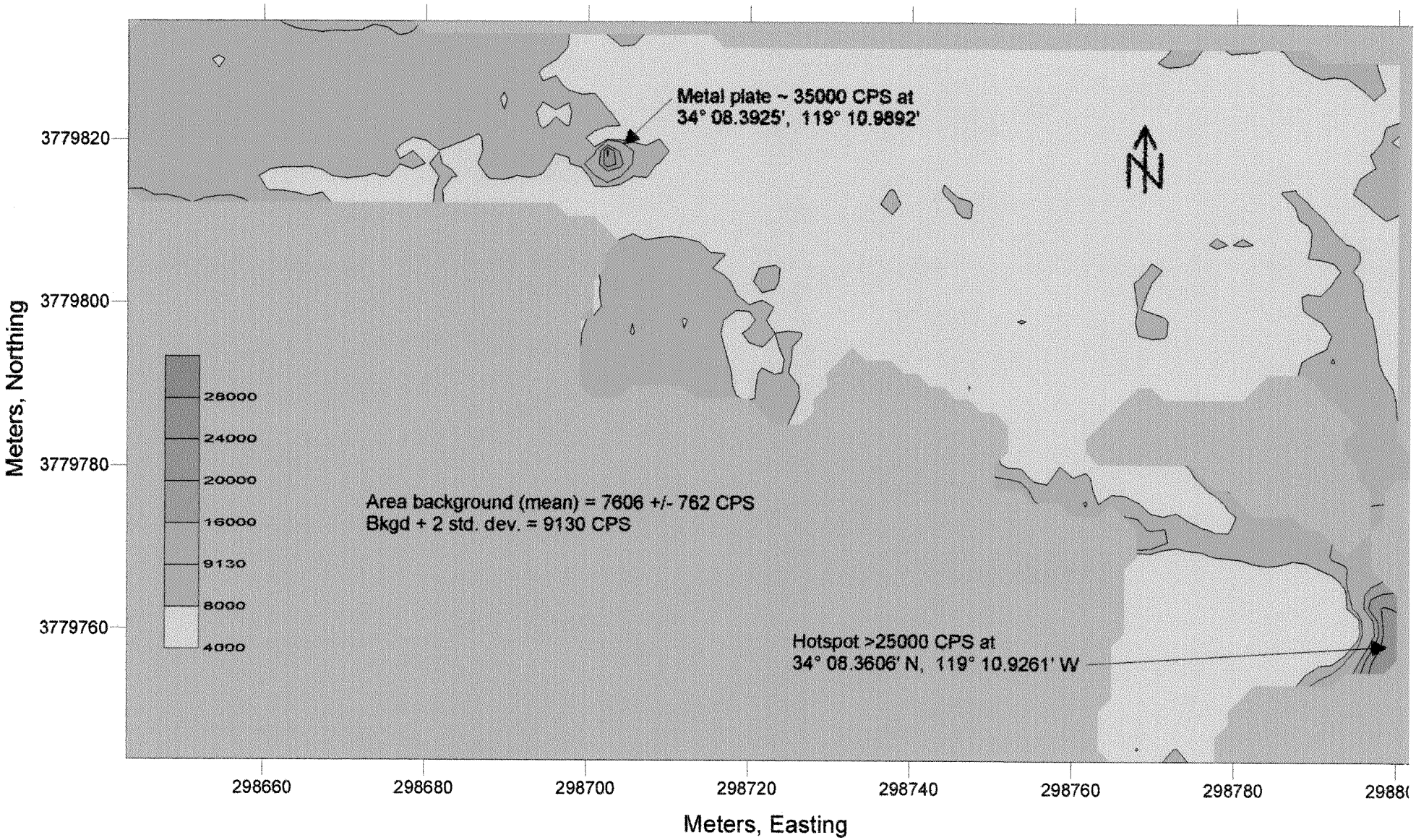


Kreiging Contour Data Plot
Halaco Scan Area One, June 20, 2006 Data
Sells/Shura, RIE-Las Vegas

Halaco Two Blanked Kreiging Contours #2.sr

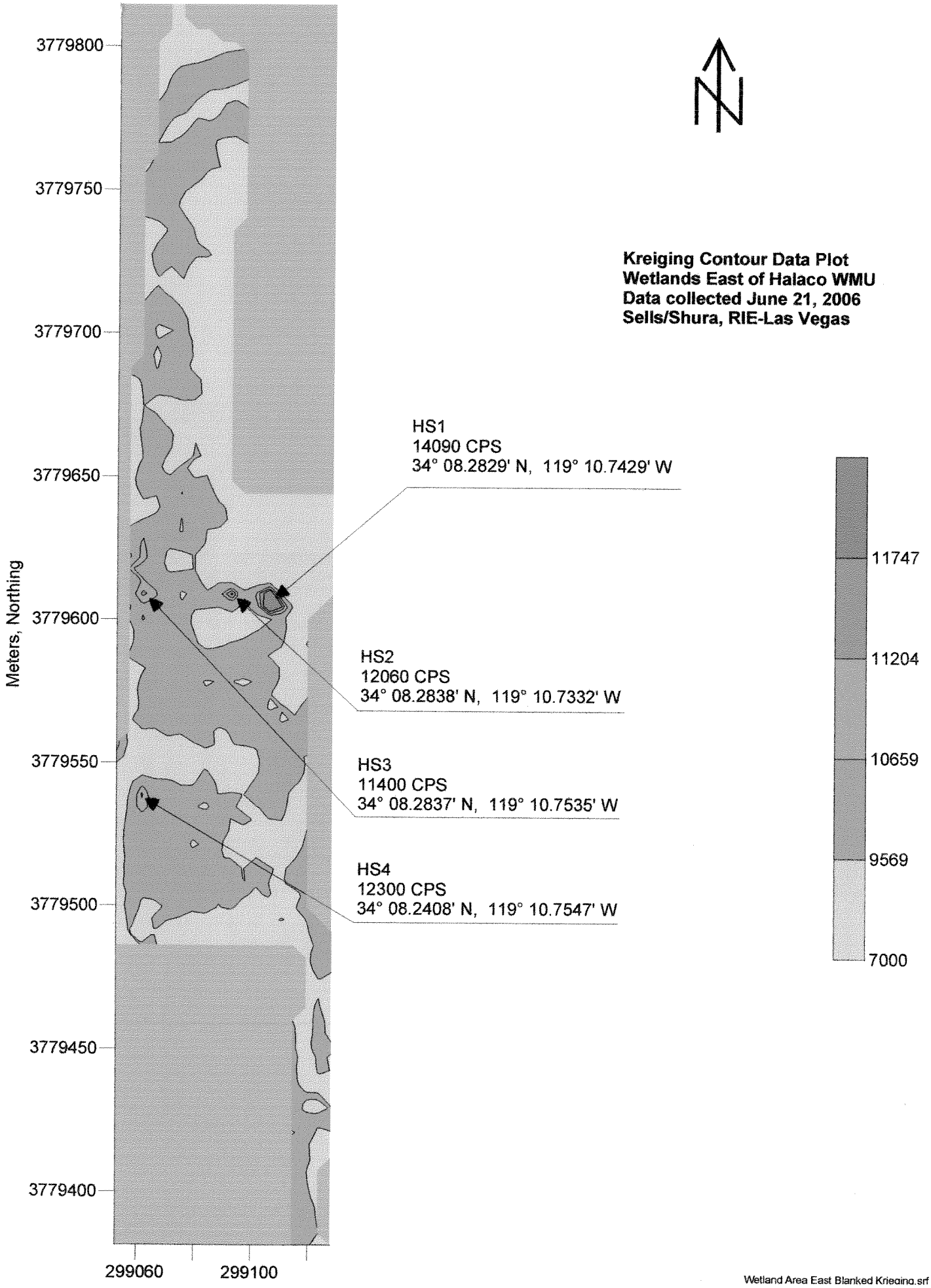


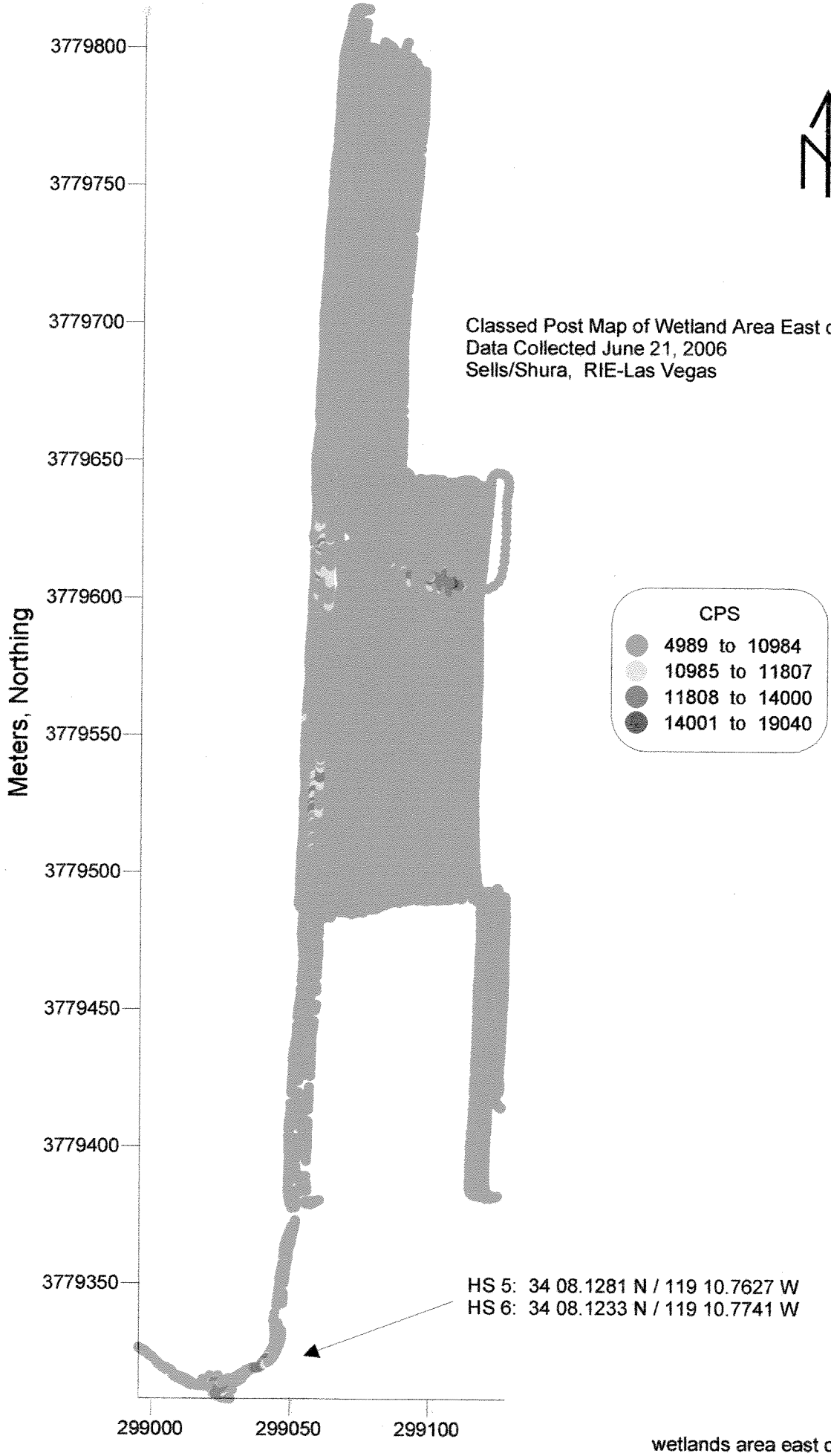
Classed Post North Storage Area
Data collected June 22, 2006
Sells/Shura, RIE-Las Vegas



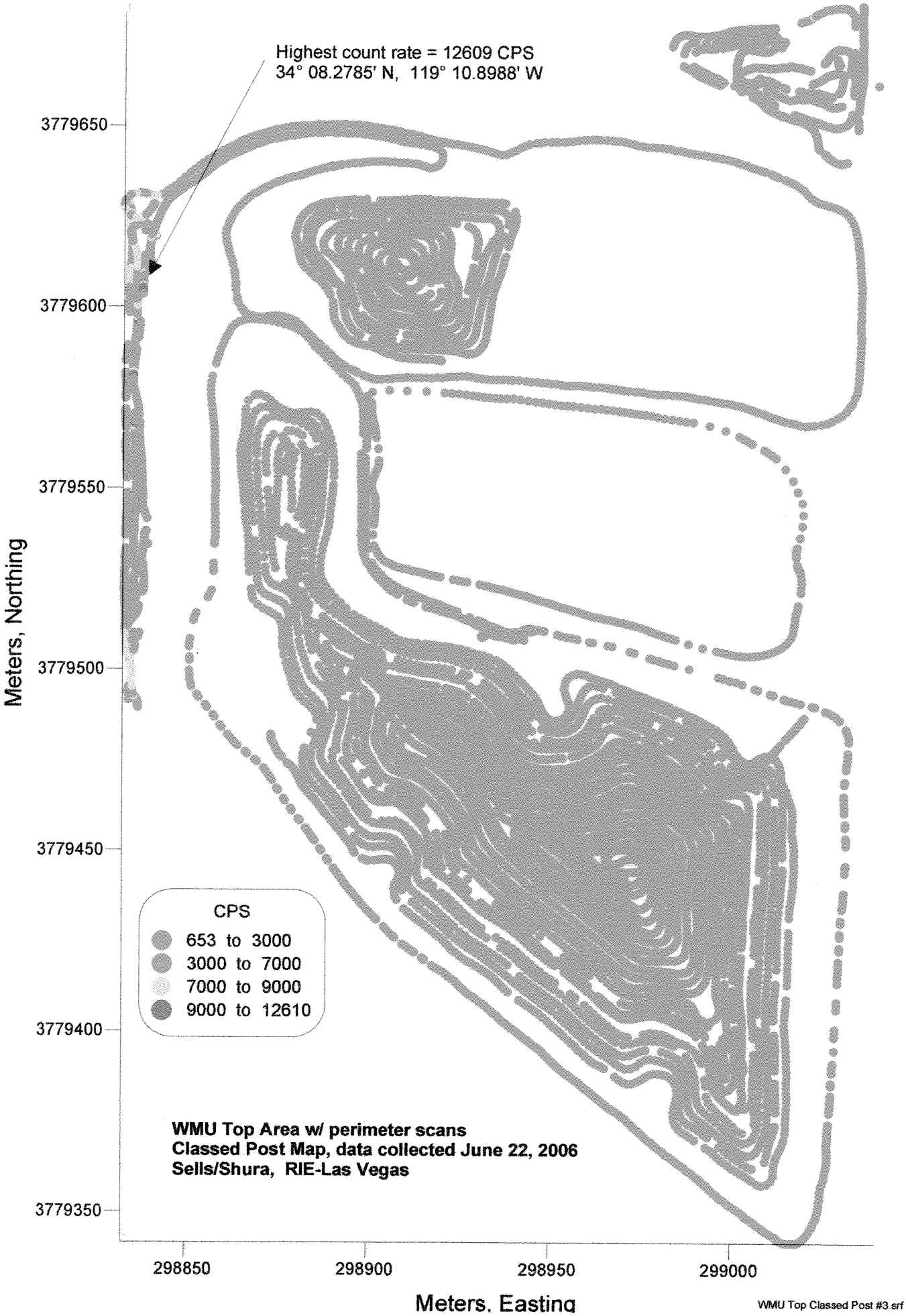
North Storage Area Kreiging Map
Data Collected June 22, 2006
Sells/Shura, RIE-Las Vegas

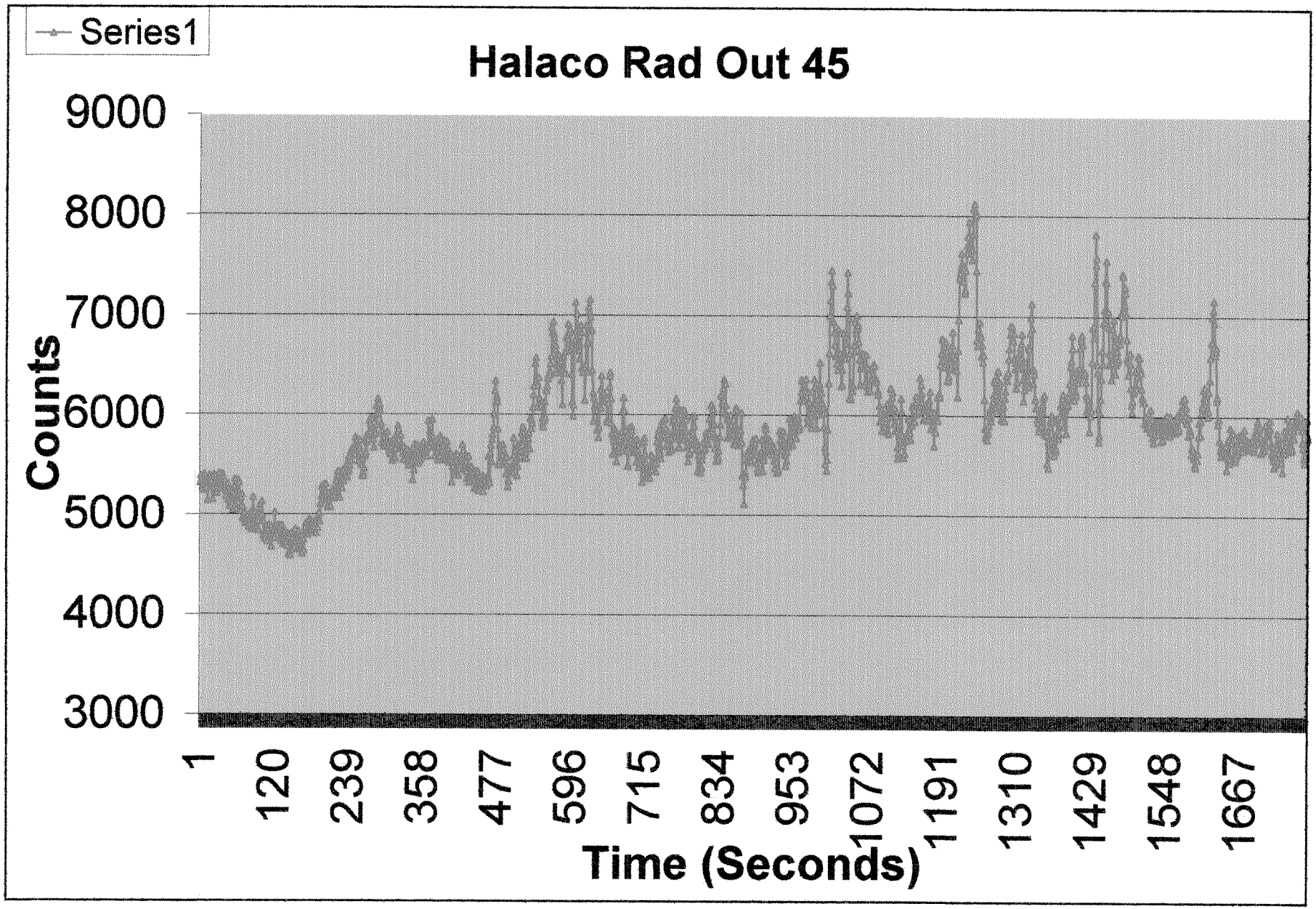
North Storage Area krieged and blanked data #1.srf


Kreiging Contour Data Plot
Wetlands East of Halaco WMU
Data collected June 21, 2006
Sells/Shura, RIE-Las Vegas
HS1
14090 CPS
34° 08.2829' N, 119° 10.7429' W
HS2
12060 CPS
34° 08.2838' N, 119° 10.7332' W
HS3
11400 CPS
34° 08.2837' N, 119° 10.7535' W
HS4
12300 CPS
34° 08.2408' N, 119° 10.7547' W
11747
11204
10659
9569
7000
3779800
3779750
3779700
3779650
3779600
3779550
3779500
3779450
3779400
Meters, Northing
299060
299100
Wetland Area East Blanked Kriging.srf



wetlands area east classed post #2.srf

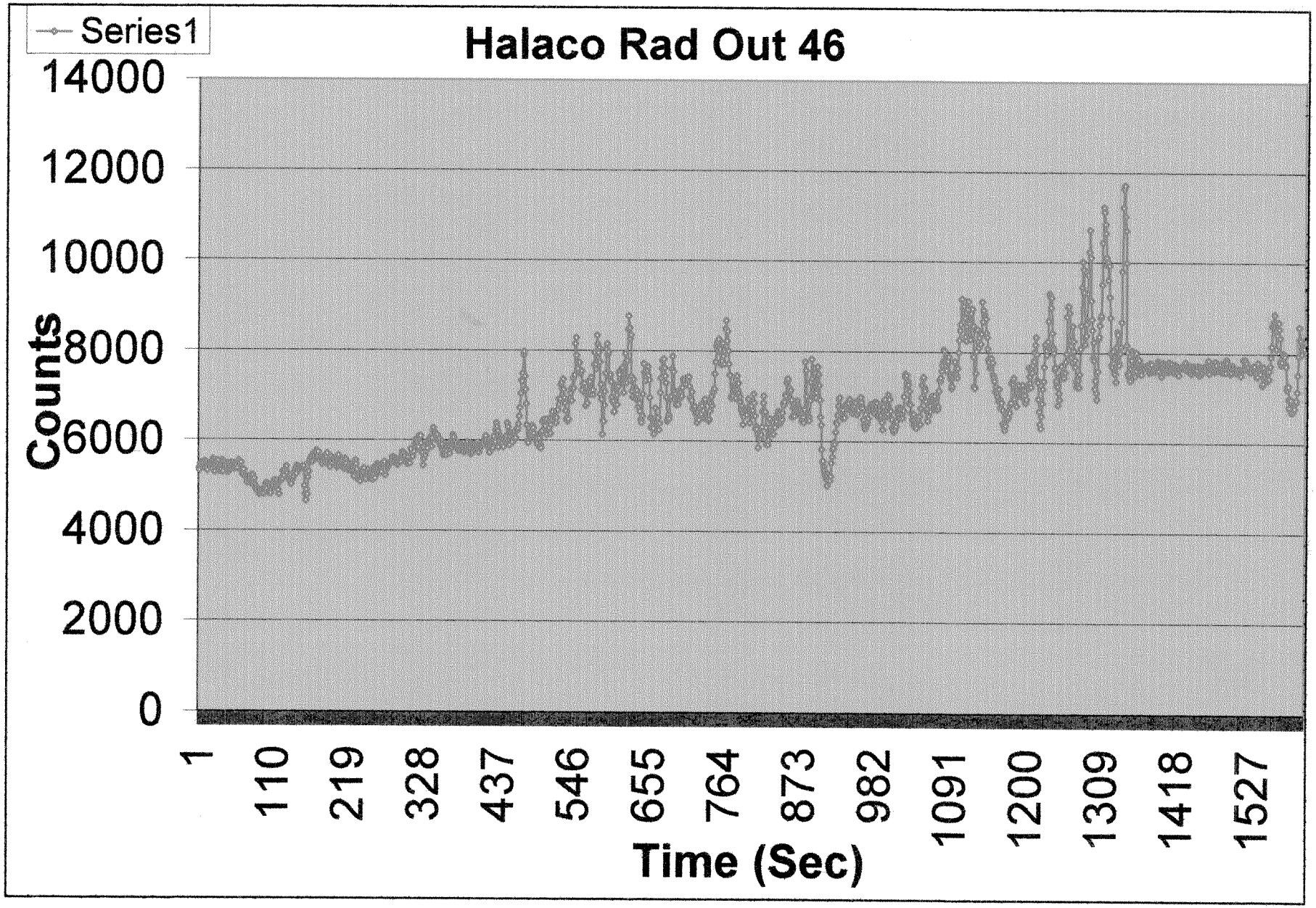

Highest count rate = 12609 CPS
34° 08.2785' N, 119° 10.8988' W
3779650
3779600
3779550
3779500
3779450
3779400
3779350
Meters, Northing
298850
298900
298950
299000
Meters, Easting
CPS
653 to 3000
3000 to 7000
7000 to 9000
9000 to 12610
WMU Top Area w/ perimeter scans
Classed Post Map, data collected June 22, 2006
Sells/Shura, RIE-Las Vegas
WMU Top Classed Post #3.srf


Series1
Halaco Rad Out 45
Counts
9000
8000
7000
6000
5000
4000
3000
1
120
239
358
477
596
715
834
953
1072
1191
1310
1429
1548
1667
Time (Seconds)

6/26/06 Hialeah ERGS Red out 45 closest to ocean

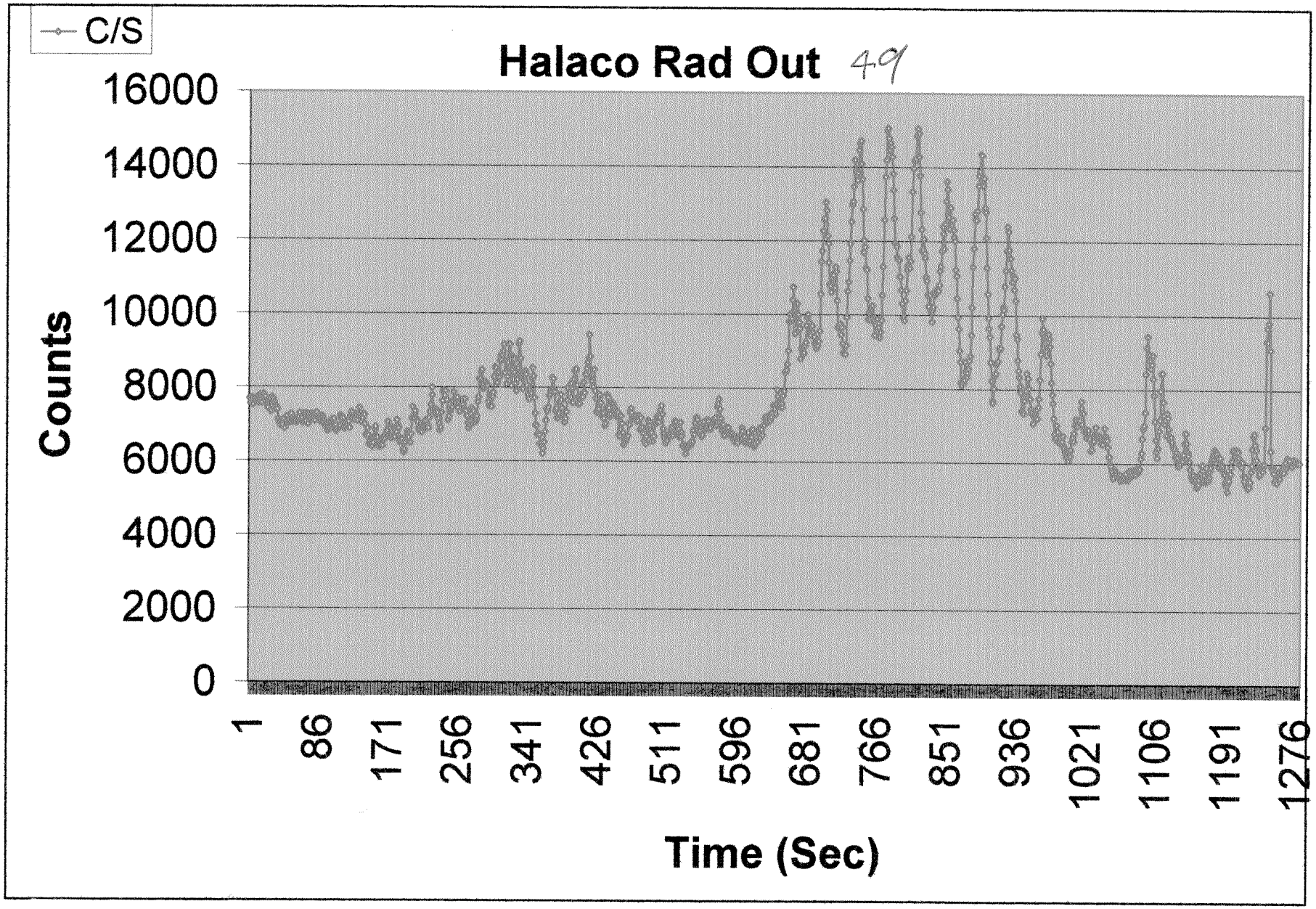
Red > 9,000
full < 8,000
Intern > 8k

Roger Shura 702-494-7041


Series1
Halaco Rad Out 46
Counts
14000
12000
10000
8000
6000
4000
2000
0
1
110
219
328
437
546
655
764
873
982
1091
1200
1309
1418
1527
Time (Sec)

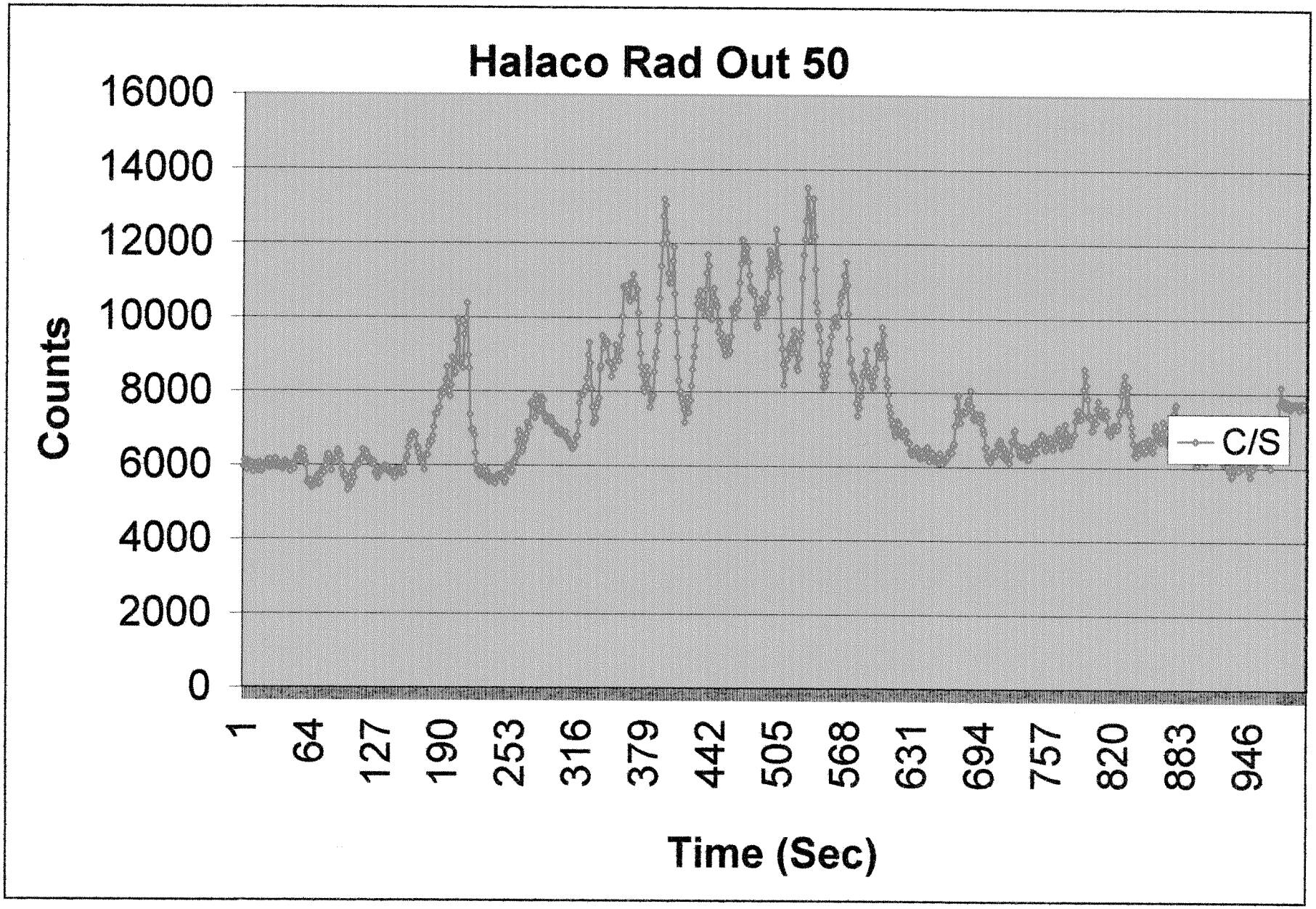
6/26/06 Halaco Red out 48

>13 K Red
yell
<11 K G



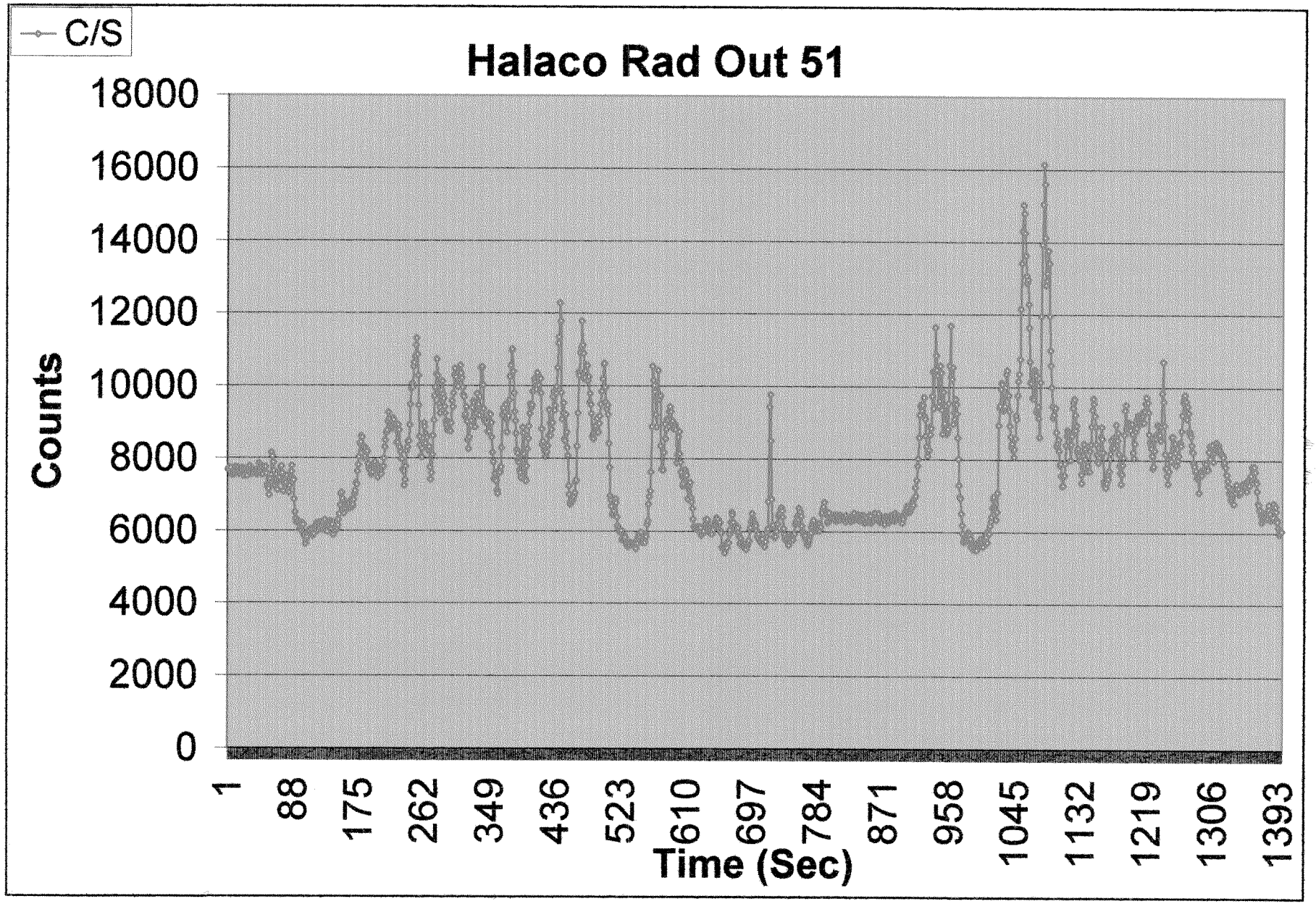
> 14K Red
yell
< 12K Green

1/26/06 Habco Rec oct 48


Halaco Rad Out 50
Counts
16000
14000
12000
10000
8000
6000
4000
2000
0
1
64
127
190
253
316
379
442
505
568
631
694
757
820
883
946
Time (Sec)
C/S

6/26/00 Halaco Rad out 50

> 14 K Rad
yellow
< 12.5 K Green


C/S
Halaco Rad Out 51
Counts
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
1
88
175
262
349
436
523
610
697
784
871
958
1045
1132
1219
1306
1393
Time (Sec)

6/26/06 Halco Rad out 51

6/26/06 Halaco Rad 0 cut 52

6/26/06 Halaco Red out 54

MCA Alarm 4 Halco

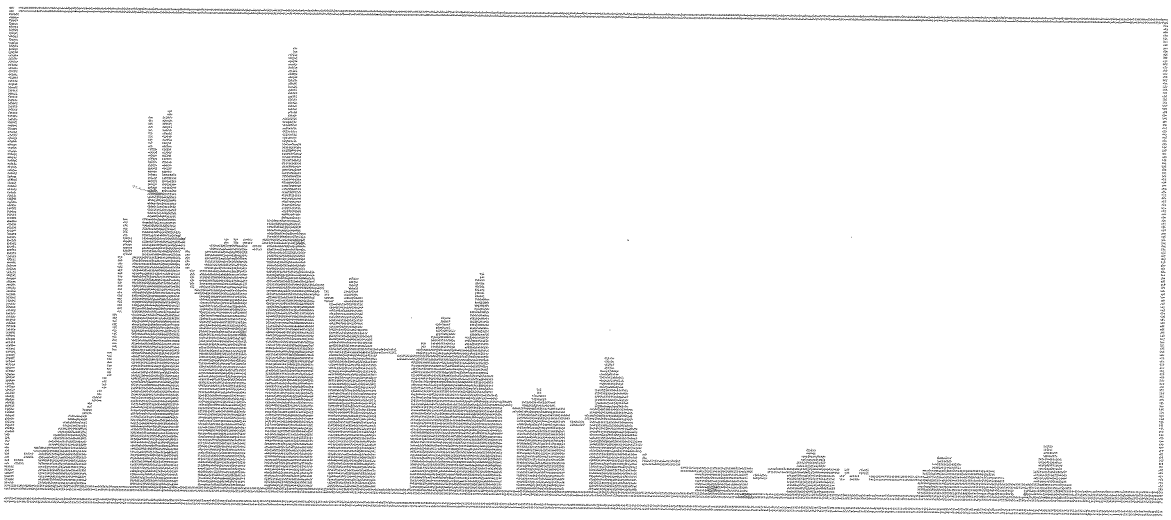
2'x2'x.5" mag Thor plate

2 mR/hr contact

MCA REPORT

DATE:	26-Jun-2006 15:19	BIAS:	810
EN CAL DATE:	23-Jun-2006 08:21	COARSE GAIN:	1
		FINE GAIN:	1.27
BKG DATE:	23-Jun-2006 08:21	LOW DISC:	0.41%
GROSS CPM:	680575	HIGH DISC:	100.05%
NET CPM:	677862	ELAPSED LT:	180.00
GROSS INTEGRAL:	2041727	ELAPSED RT:	197.48
NET INTEGRAL:	2033587	DEAD TIME:	8.85%

FULL SCALE: 37580



PEAKS FOUND

CHN	ENERGY (keV)	GROSS CPM	AMBIENT CPM	CONTINUUM CPM	NET CPM	UNC %	
13	26.2	16529	67	15940	520	± 14.3	
33	85.6	91726	284	70150	21292	± 0.83	Th232
46	143.6	71448	390	65679	5380	± 2.89	
62	235.0	91293	294	66861	24138	± 0.73	Th232
76	332.5	54825	218	48737	5870	± 2.32	Th232
95	494.7	44811	189	39964	4657	± 2.64	
104	580.6	45354	158	35959	9237	± 1.34	
117	726.9	25573	103	23052	2417	± 3.84	
133	921.1	31149	64	17304	13780	± 0.74	
157	1253.8	6825	40	6431	353	± 13.6	
178	1579.0	9288	22	6275	2991	± 1.87	
206	2115.6	7938	10	6152	1775	± 2.90	
216	2309.5	5840	8	4696	1135	± 3.89	
231	2626.8	7788	9	1507	6271	± 0.81	

3 OF 3 LIBRARY LINES FOR Th232 FOUND Correlation = 0.67

LINE	PEAK	INTENSITY	NET CPM
86.0	82.3	14.00	21292
238.6	235.1	7.00	24138
347.0	332.9	12.00	5870

NUCLIDES NOT PRESENT:

2 OF 2 LIBRARY LINES FOR Th232s FOUND Correlation = 0.57

2 OF 6 LIBRARY LINES FOR Ac228 FOUND Correlation = 0.30