

US EPA ARCHIVE DOCUMENT



LEGEND

- Chlorobenzene Storage Area
- PCB Manufacturing Plant Area
- Chemical Warfare Plant Area
- Incinerator Area

FIGURE 1

MONSANTO WGK FACILITY

SAUGERT, IL

1940



RISK MANAGEMENT & ENGINEERING, LTD



LEGEND

- Chlorobenzene Storage Area
- PCB Manufacturing Plant Area
- Chemical Warfare Plant Area
- Incinerator Area

FIGURE 2

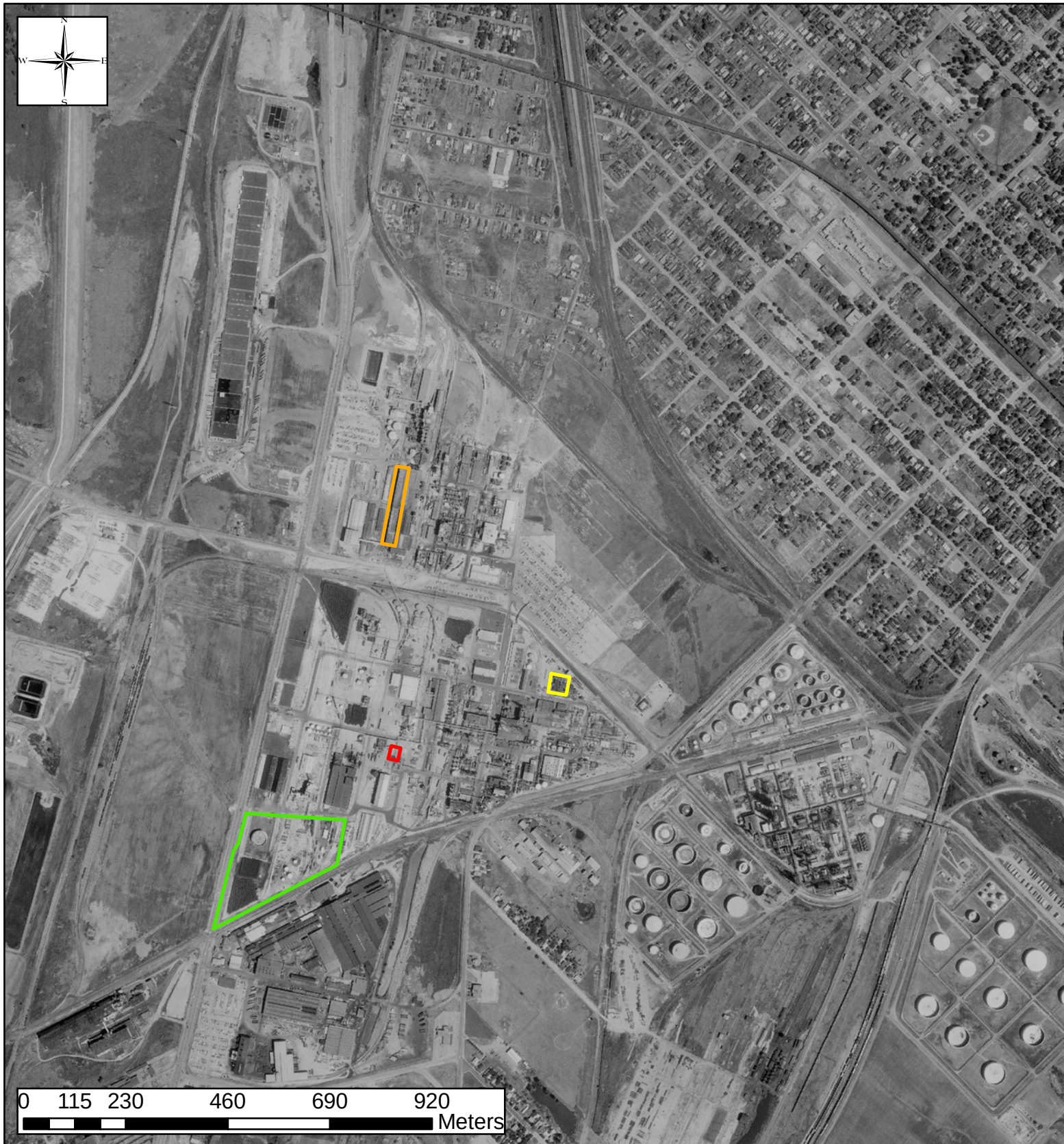
MONSANTO WGK FACILITY

SAUGERT, IL

1968



RISK MANAGEMENT &
ENGINEERING , LTD



LEGEND

- | | |
|--|---|
| Chlorobenzene Storage Area | PCB Manufacturing Plant Area |
| Chemical Warfare Plant Area | Incinerator Area |

FIGURE 3

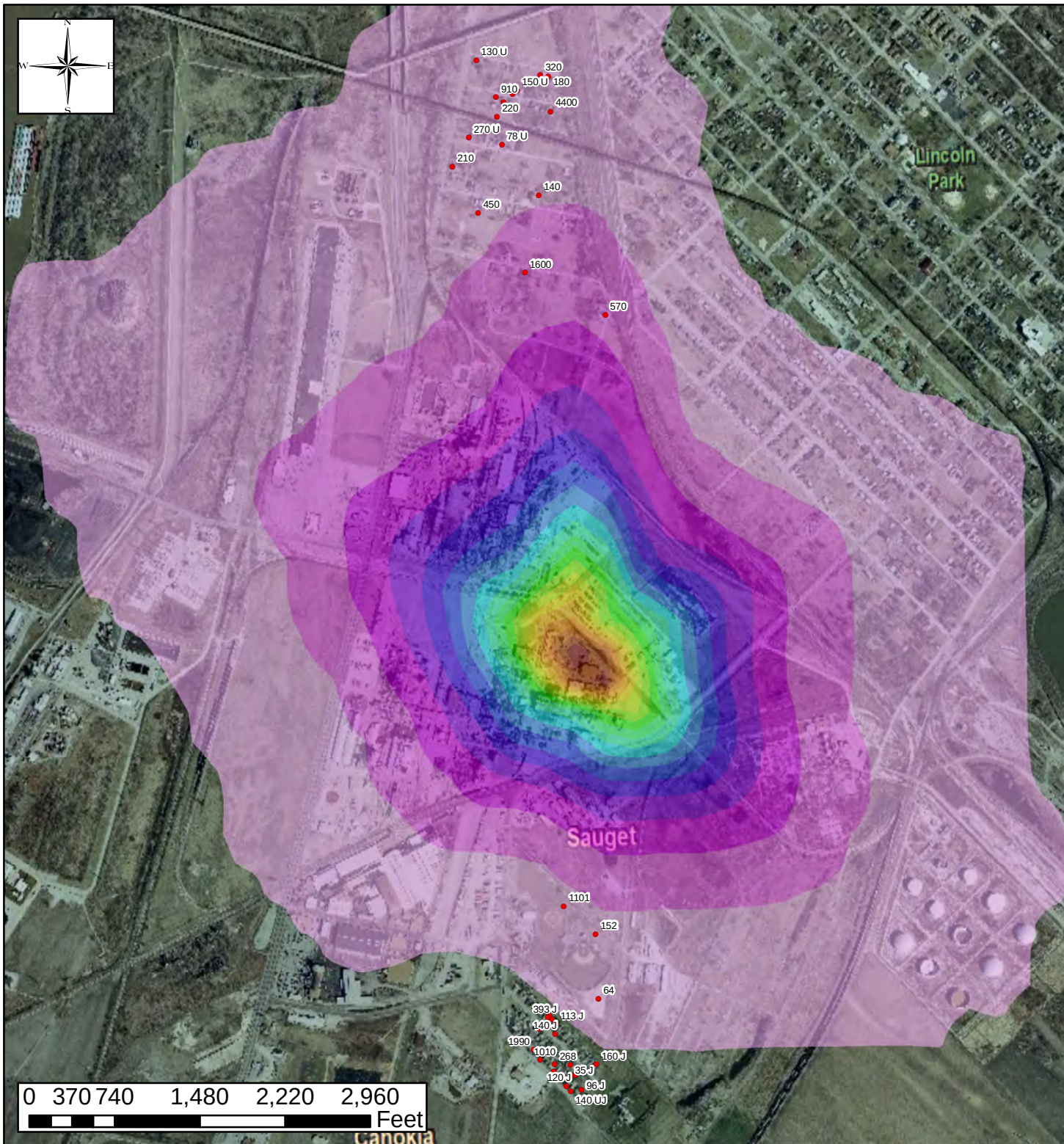
MONSANTO WGK FACILITY

SAUGERT, IL

1974



RISK MANAGEMENT &
ENGINEERING , LTD



Estimated Emissions Source Parameters A

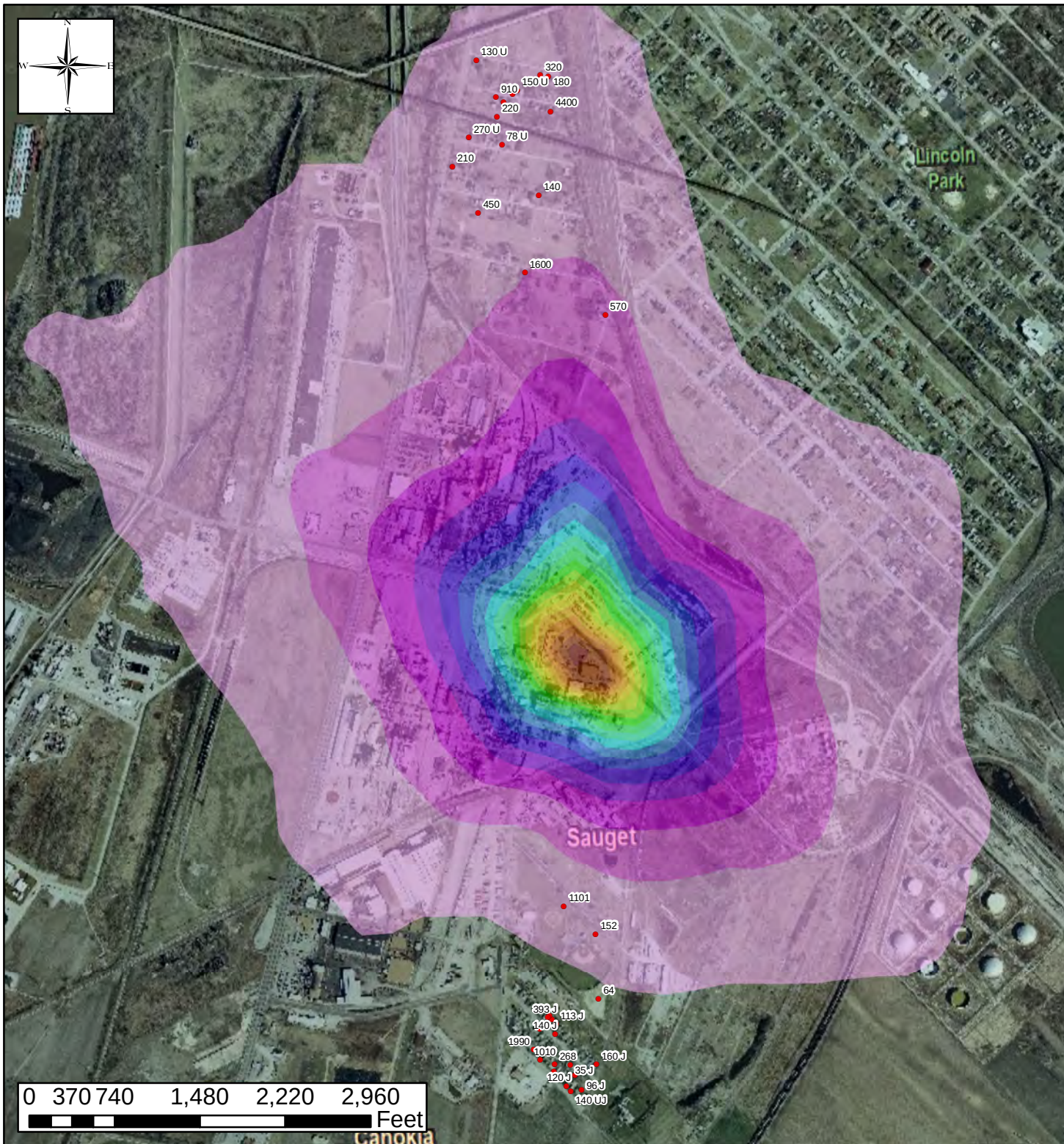
FIGURE 4

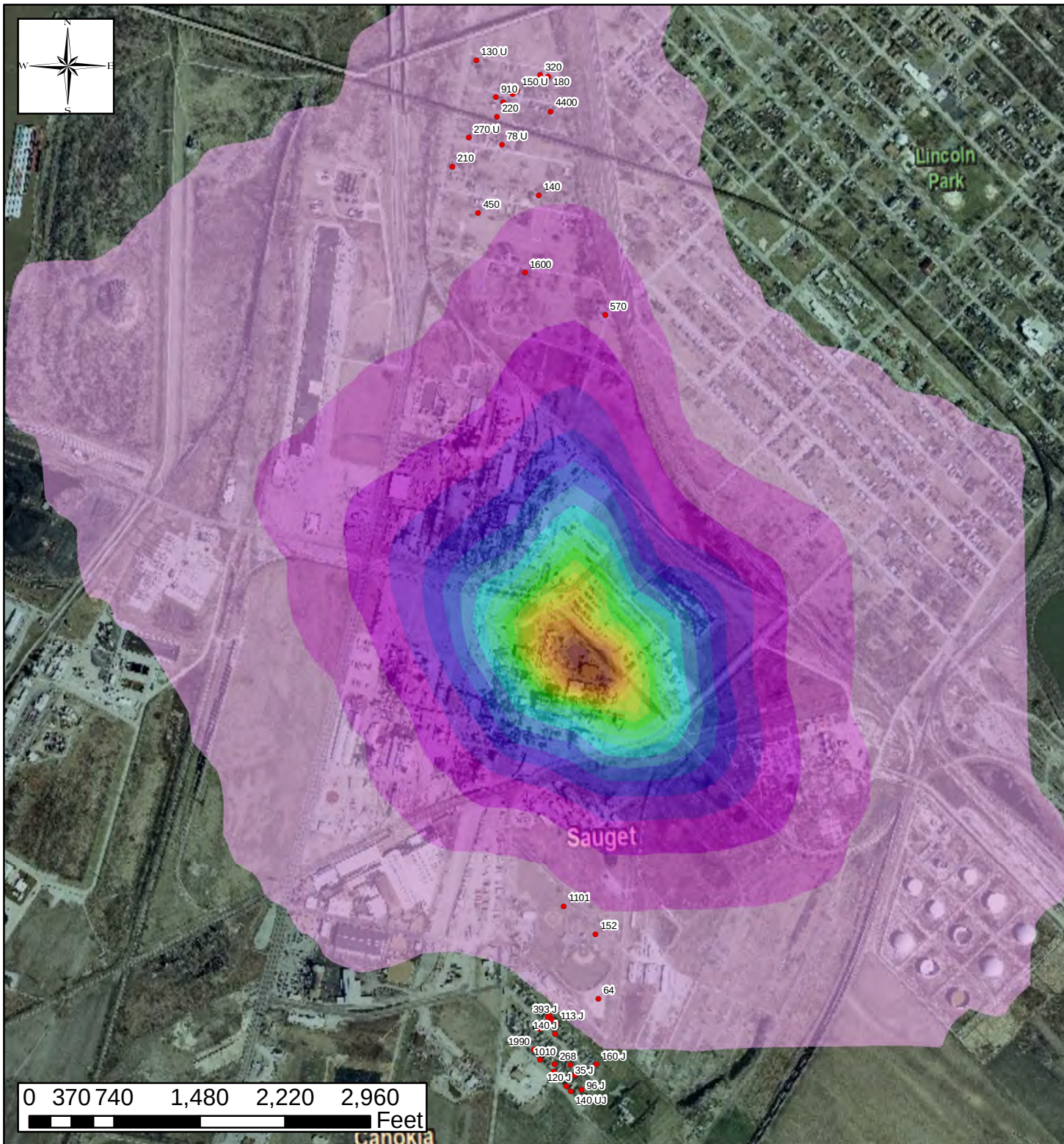
Legend

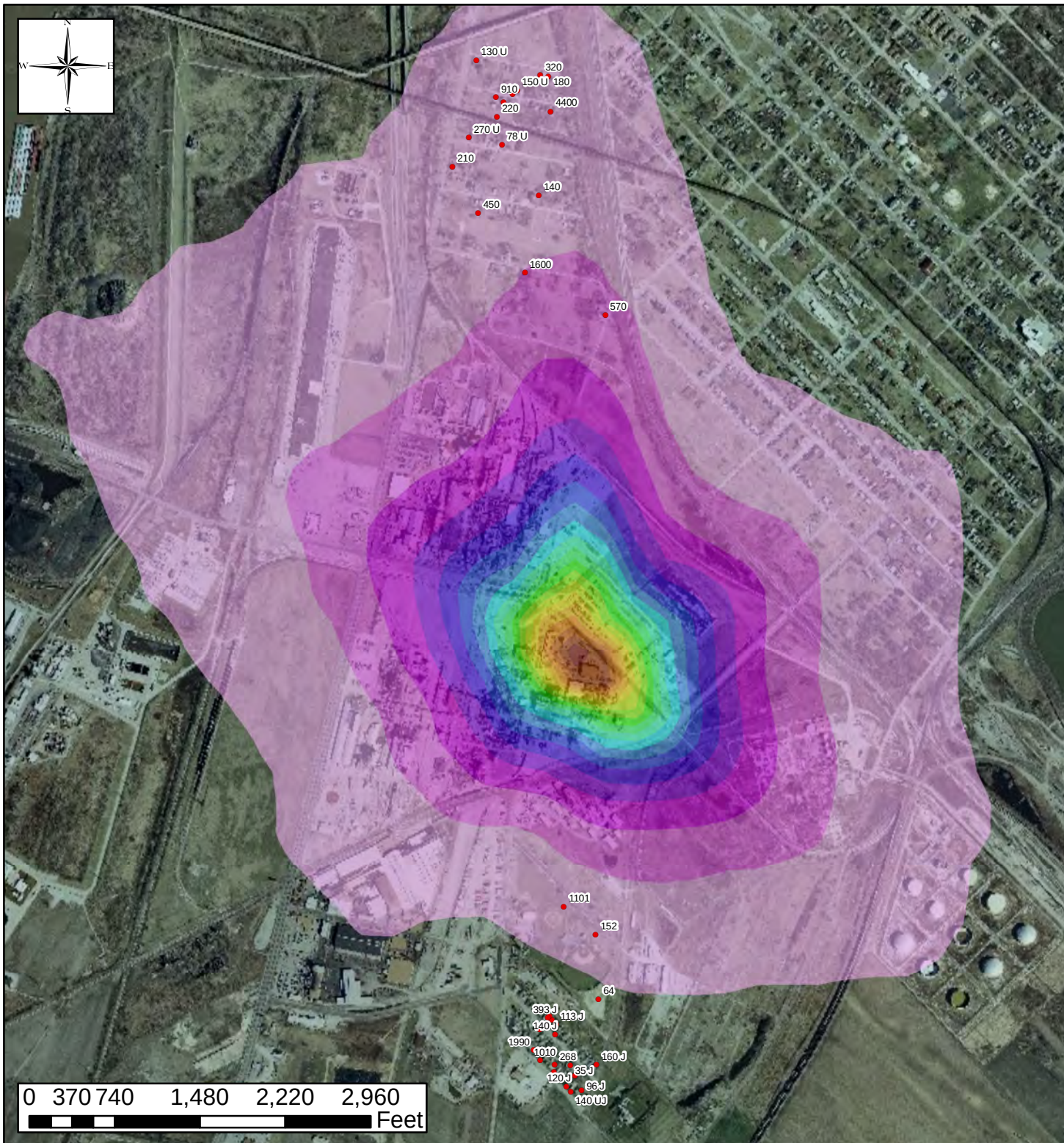
• SOIL SAMPLES

**PCB Soil Concentrations
ug/kg**

	27 - 53
	54 - 80
	81 - 107
	108 - 134
	135 - 161
	162 - 187
	188 - 214
	215 - 241
	242 - 268
	269 - 295
	296 - 322
	323 - 349
	350 - 375
	376 - 402
	403 - 429
	430 - 456
	457 - 483
	484 - 510
	511 - 537







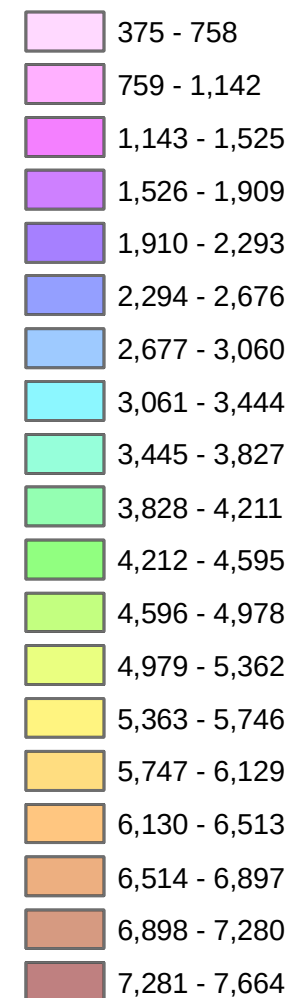
Estimated Emissions x10 Source Parameters B

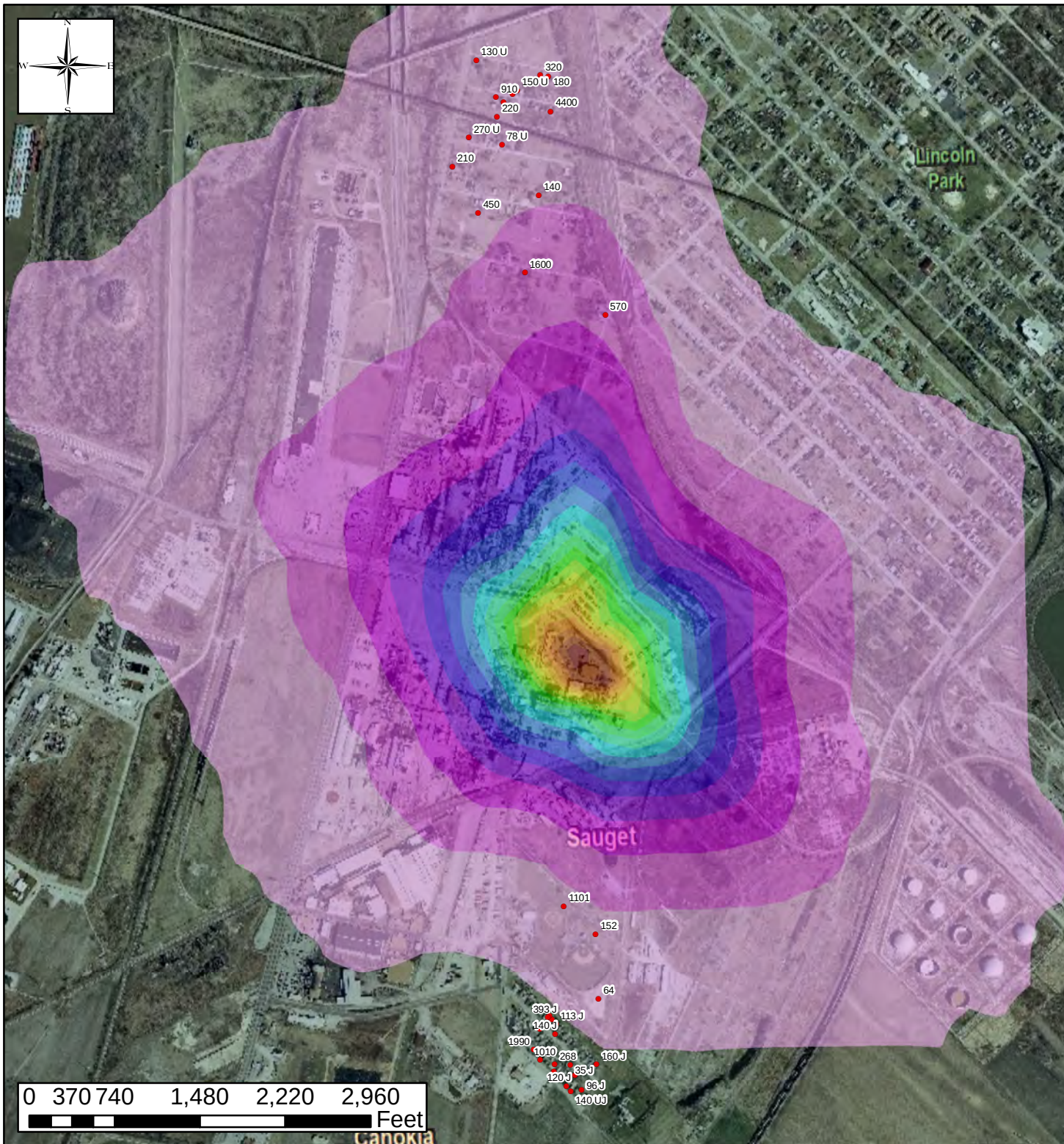
FIGURE 7

Legend

• SOIL SAMPLES

**PCB Soil Concentrations
ug/kg**





Estimated Emissions x100 Source Parameters A

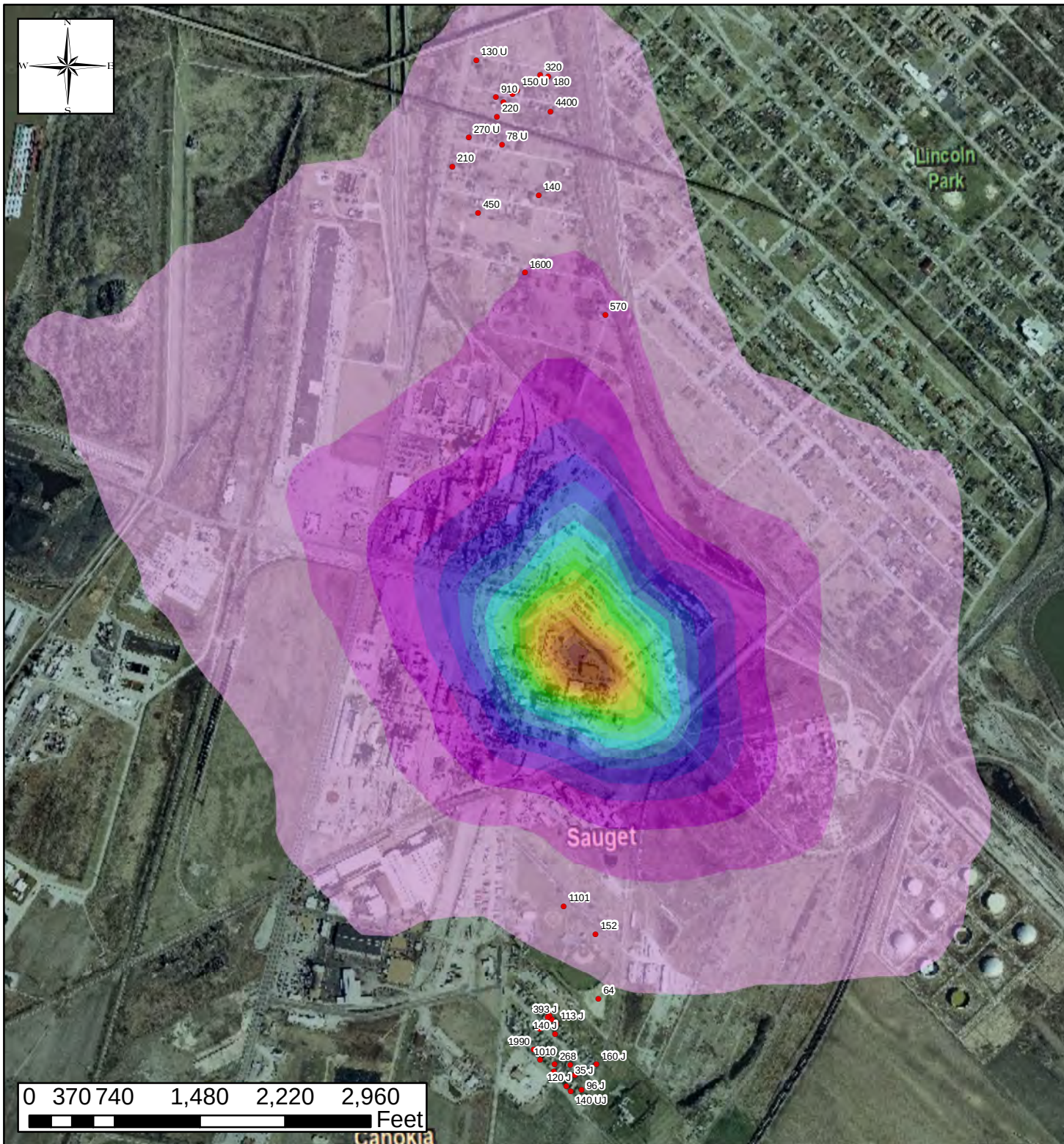
FIGURE 8

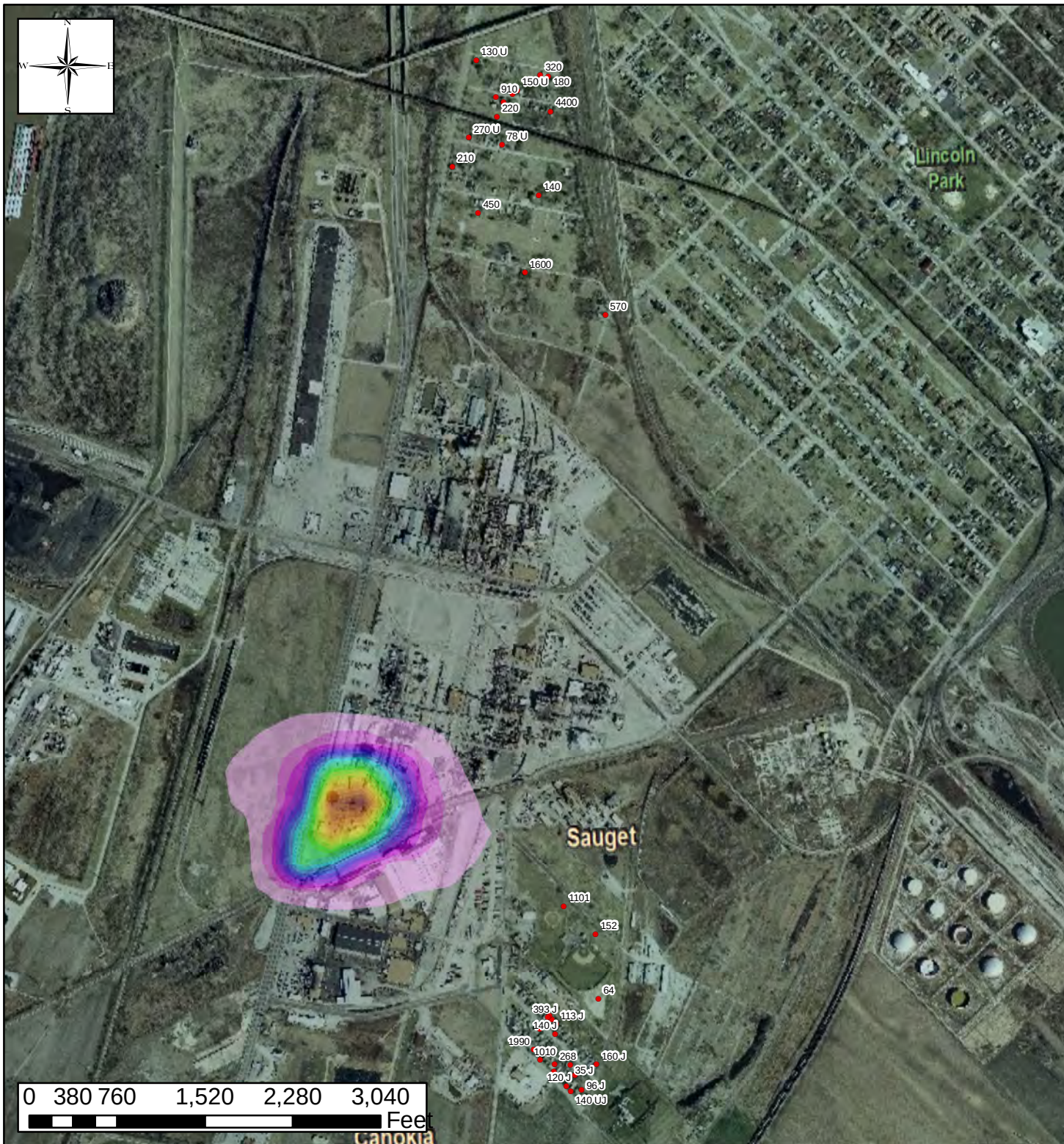
Legend

• SOIL SAMPLES

PBC Soil Concentrations ug/kg

	2,634 - 5,318
	5,319 - 8,004
	8,005 - 10,689
	10,690 - 13,374
	13,375 - 16,060
	16,061 - 18,745
	18,746 - 21,430
	21,431 - 24,115
	24,116 - 26,801
	26,802 - 29,486
	29,487 - 32,171
	32,172 - 34,857
	34,858 - 37,542
	37,543 - 40,227
	40,228 - 42,912
	42,913 - 45,598
	45,599 - 48,283
	48,284 - 50,968
	50,969 - 53,654





Extent of Chlorobenzene Area Dust Resuspension Emissions

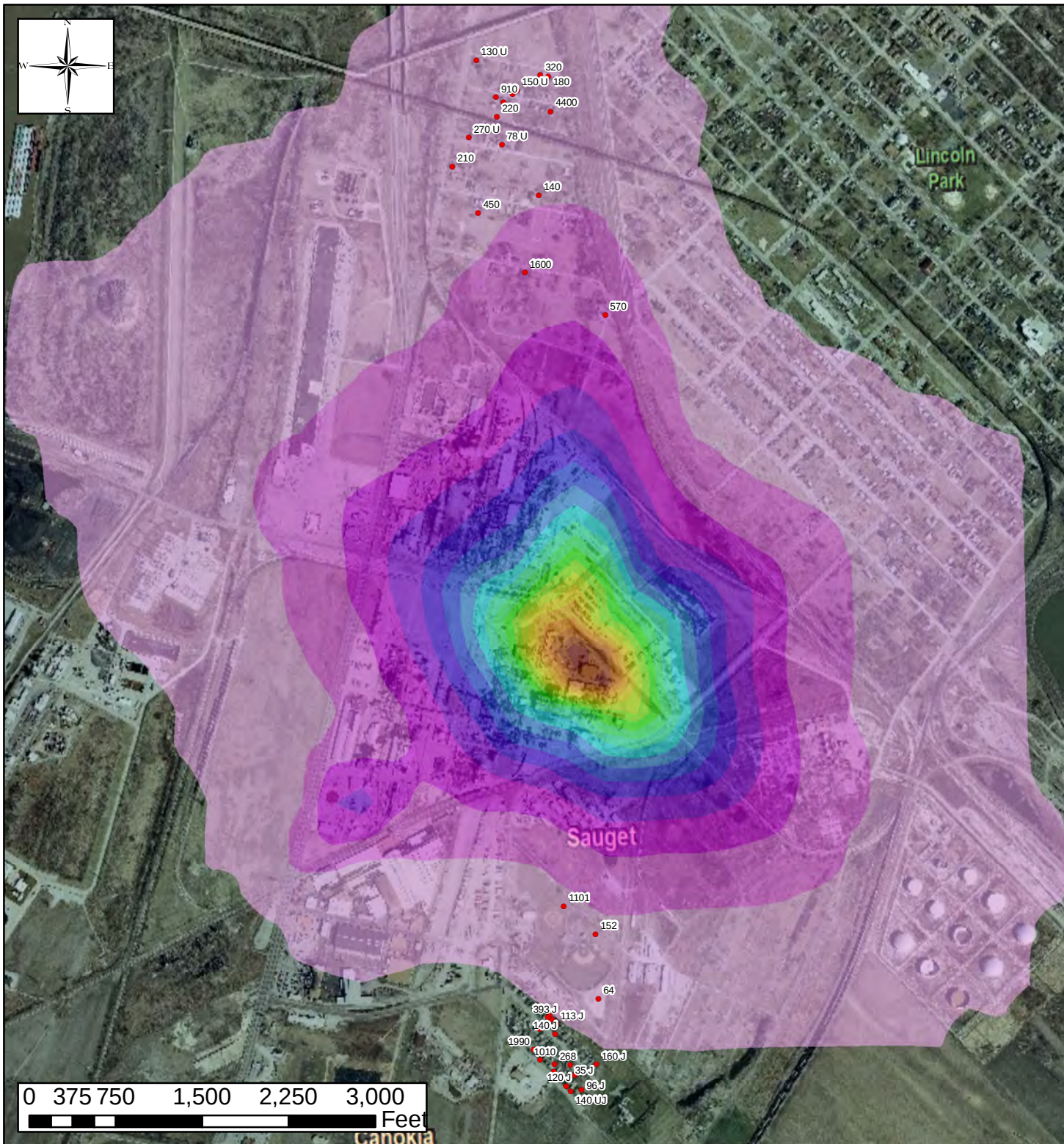
FIGURE 10

Legend

• SOIL SAMPLES

PCB Soil Concentrations
µg/kg

	33 - 66
	67 - 101
	102 - 135
	136 - 169
	170 - 203
	204 - 237
	238 - 271
	272 - 306
	307 - 340
	341 - 374
	375 - 408
	409 - 442
	443 - 476
	477 - 511
	512 - 545
	546 - 579
	580 - 613
	614 - 647
	648 - 681



Estimated Emissions x10 Source Parameters A and Chlorobenzene Emissions

FIGURE 11

Legend

• SOIL SAMPLES

PCB Soil Concentrations ug/kg

	265 - 532
	533 - 801
	802 - 1,070
	1,071 - 1,338
	1,339 - 1,607
	1,608 - 1,876
	1,877 - 2,145
	2,146 - 2,413
	2,414 - 2,682
	2,683 - 2,951
	2,952 - 3,220
	3,221 - 3,488
	3,489 - 3,757
	3,758 - 4,026
	4,027 - 4,294
	4,295 - 4,563
	4,564 - 4,832
	4,833 - 5,101
	5,102 - 5,369