

AOC 11 0 - 0.5 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (NG/KG)

- NOT DETECTED
- 0.24 - 7.80
- ≥7.81 - 42.00
- ≥42.01 - 96.00
- ≥96.01 - 210.00
- ≥210.01 - 520.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 200 400 Feet

GRAPHIC SCALE

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NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING

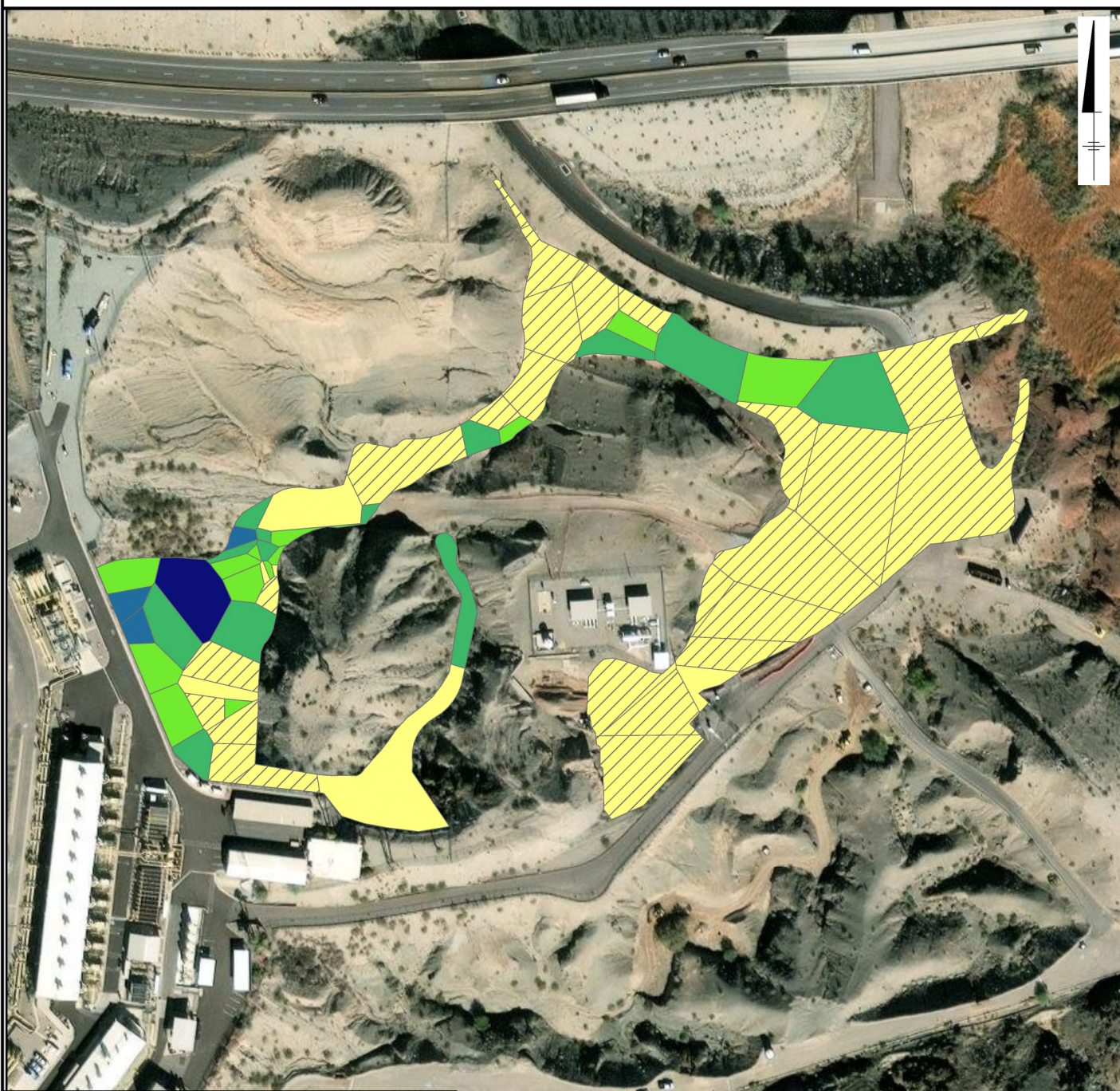


FIGURE
AOC11-A3.1

AOC 11

0 - 0.5 FEET BELOW GROUND SURFACE

CHROMIUM, HEXAVALENT



BACKGROUND THRESHOLD VALUE: 0.83 MG/KG

LEGEND:

CHROMIUM, HEXAVALENT (MG/KG)

- NOT DETECTED
- 0.10 - 0.27
- ≥ 0.28 - 0.56
- ≥ 0.57 - 0.95
- ≥ 0.96 - 2.30
- ≥ 2.31 - 16.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

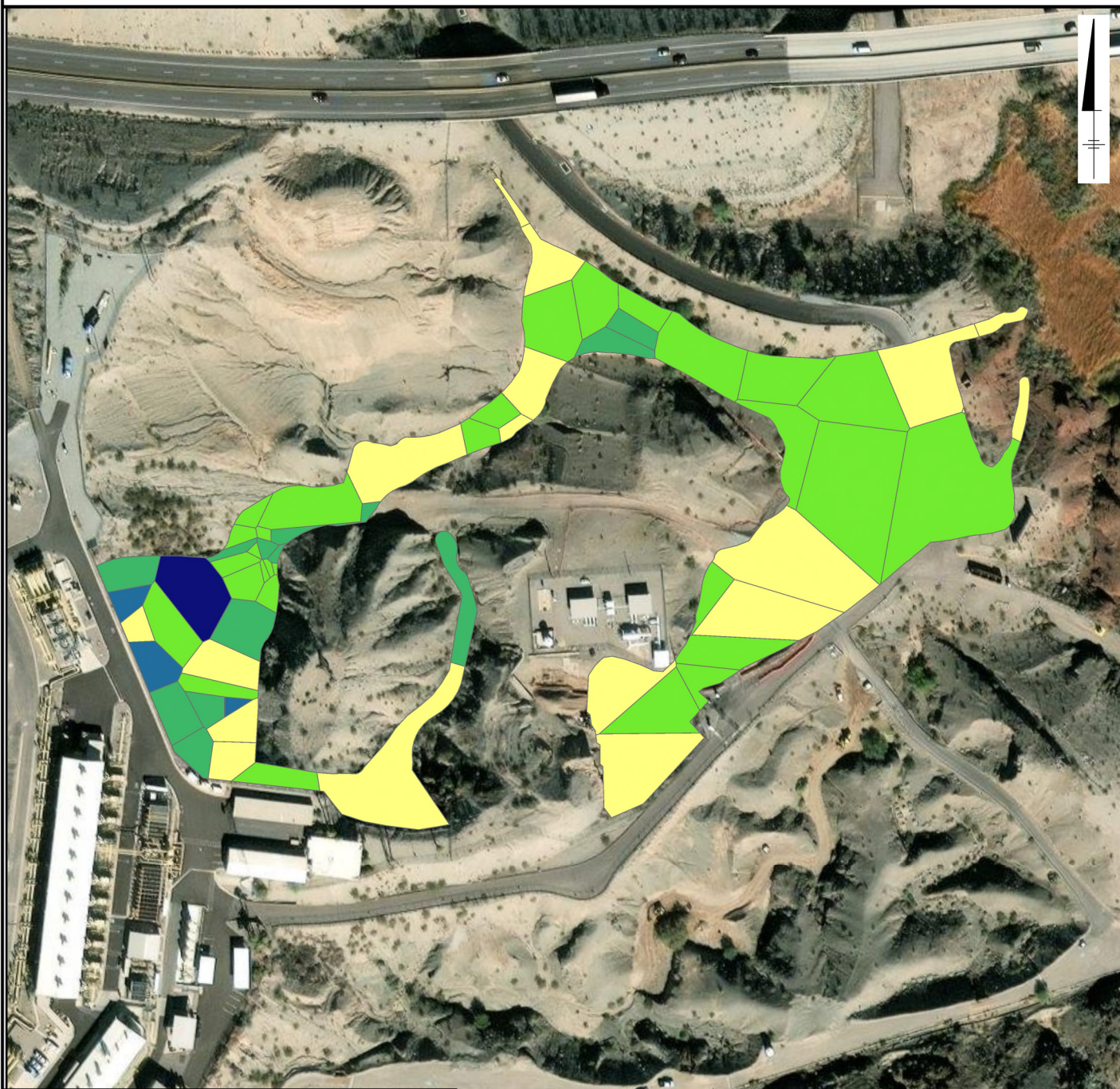
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FIGURE
AOC11-A3.2

AOC 11 0 - 0.5 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

- NOT DETECTED
- 7.90 - 17.00
- ≥ 17.01 - 29.00
- ≥ 29.01 - 50.00
- ≥ 50.01 - 110.00
- ≥ 110.01 - 320.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 20 400 Feet

GRAPHIC SCALE

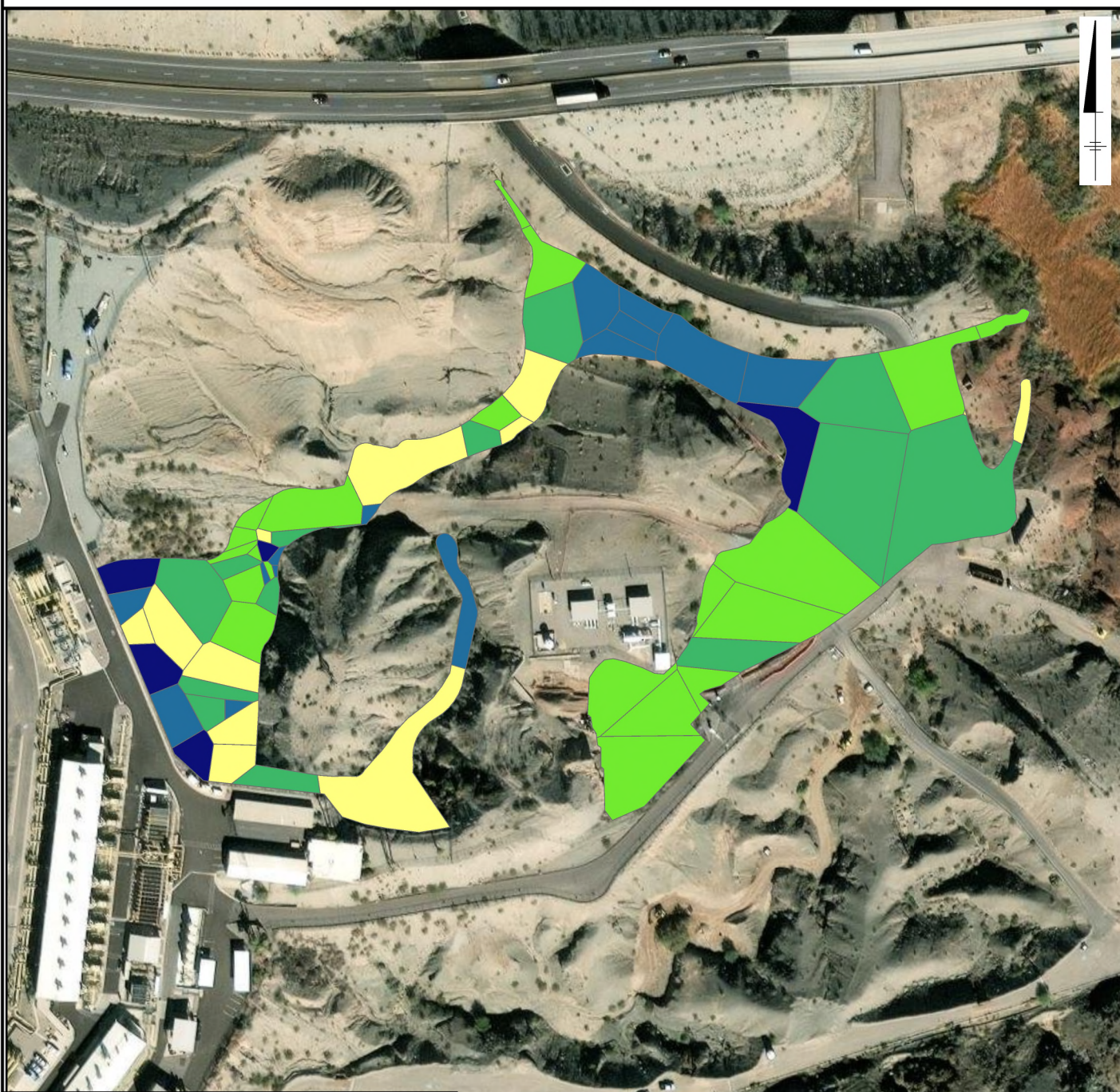
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THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC11-A3.3

AOC 11 0 - 0.5 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (MG/KG)

- NOT DETECTED
- 4.90 - 7.50
- $\geq 7.51 - 10.00$
- $\geq 10.01 - 14.00$
- $\geq 14.01 - 21.00$
- $\geq 21.01 - 31.00$

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

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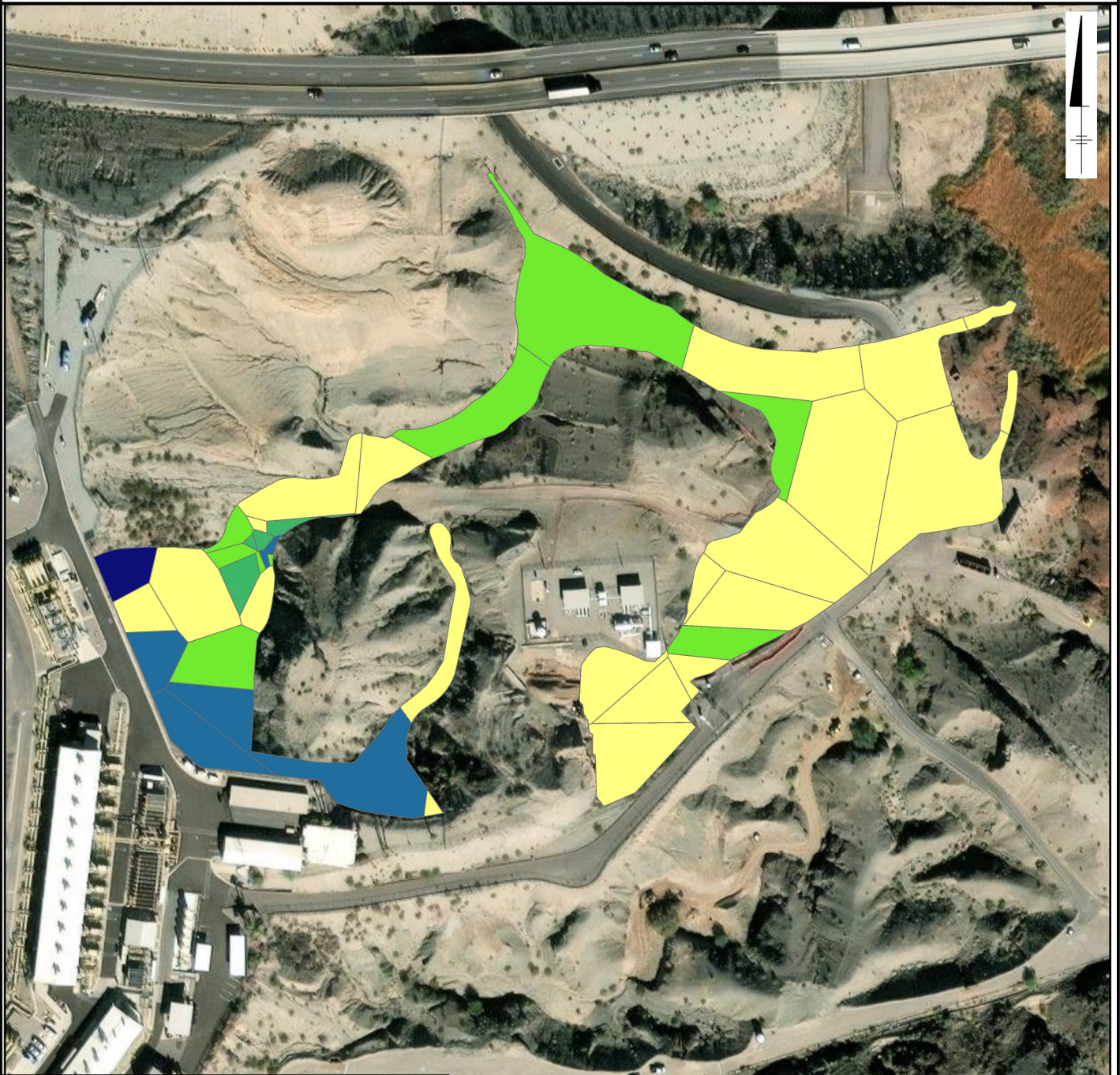
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**THIESSEN POLYGONS FOR
AREA WEIGHTING**

ARCADIS

FIGURE
AOC11-A3.4

AOC 11 0 - 3 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (NG/KG)

- NOT DETECTED
- 0.18 - 6.30
- ≥6.31 - 36.30
- ≥36.31 - 96.00
- ≥96.01 - 210.00
- ≥210.01 - 520.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 20 400 Feet

GRAPHIC SCALE

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SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING

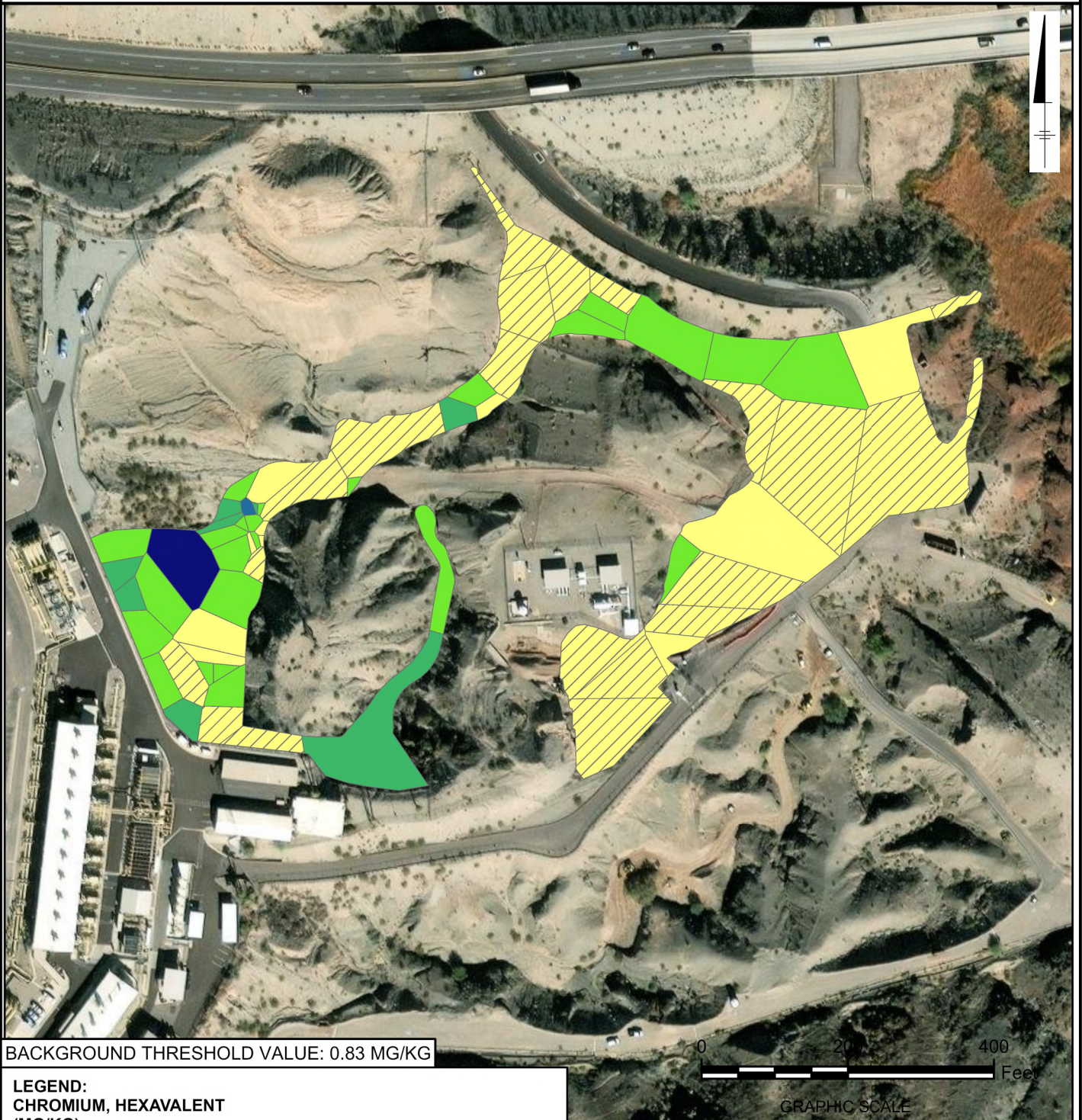


FIGURE
AOC11-A3.5

AOC 11

0 - 3 FEET BELOW GROUND SURFACE

CHROMIUM, HEXAVALENT



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THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC11-A3.6

AOC 11 0 - 3 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

- NOT DETECTED
- 10.10 - 18.00
- ≥ 18.01 - 29.00
- ≥ 29.01 - 46.00
- ≥ 46.01 - 103.00
- ≥ 103.01 - 320.00

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

0 200 400 Feet

GRAPHIC SCALE

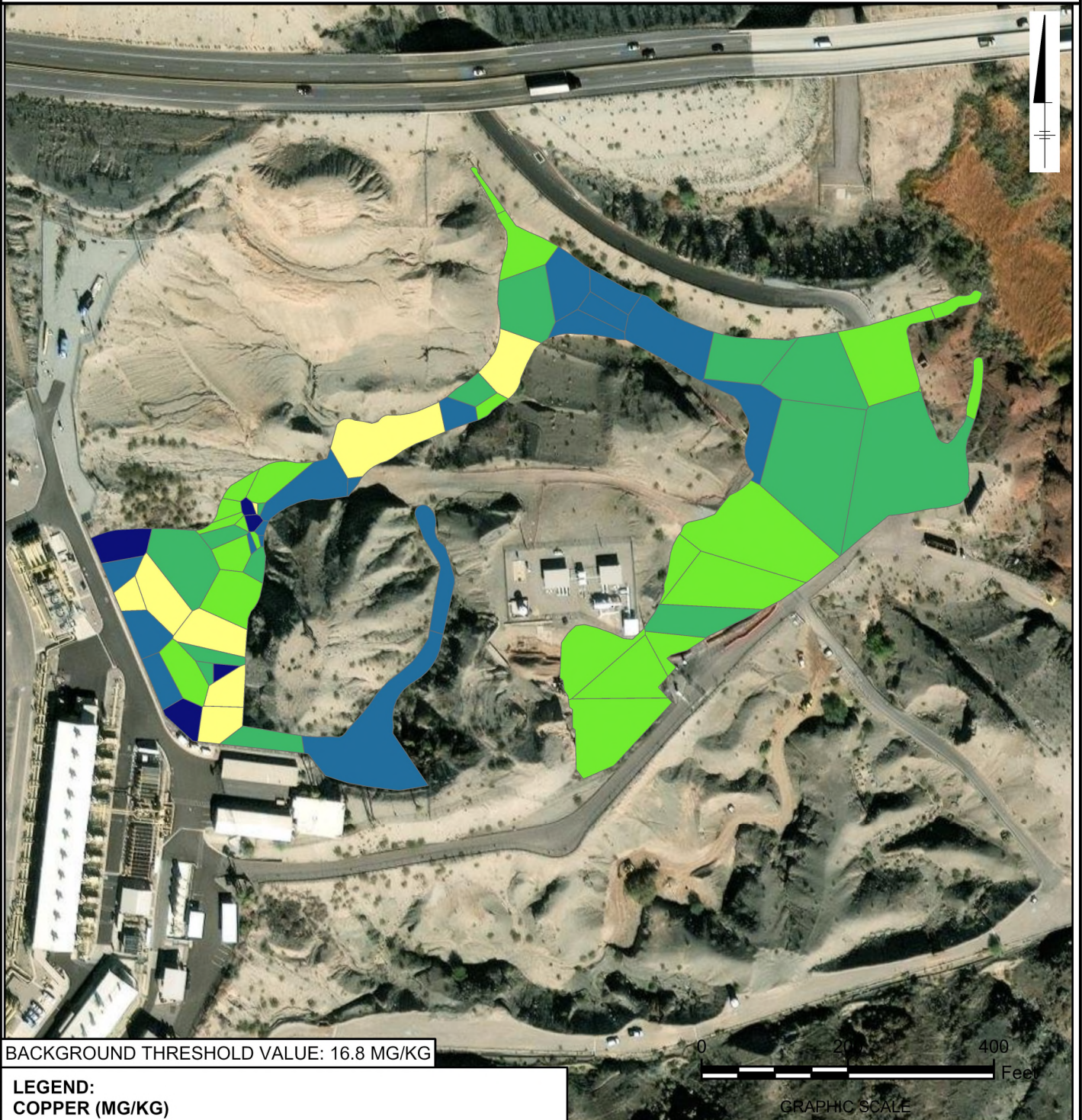
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FIGURE
AOC11-A3.7

AOC 11 0 - 3 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (MG/KG)

- NOT DETECTED
- 4.90 - 7.47
- $\geq 7.48 - 10.40$
- $\geq 10.41 - 14.00$
- $\geq 14.01 - 21.00$
- $\geq 21.01 - 31.00$

SAMPLE LOCATIONS FOR ALL COPCS/COPECS AND ALL EXPOSURE DEPTHS EVALUATED FOR THIS EXPOSURE AREA ARE PRESENTED IN FIGURE AOC10-1.1.
DEPTH-WEIGHTED CONCENTRATIONS ARE DISPLAYED FOR EACH LOCATION.
REPORTING LIMITS USED FOR DISPLAY COLOR OF NON-DETECT RESULTS.

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FIGURE
AOC11-A3.8