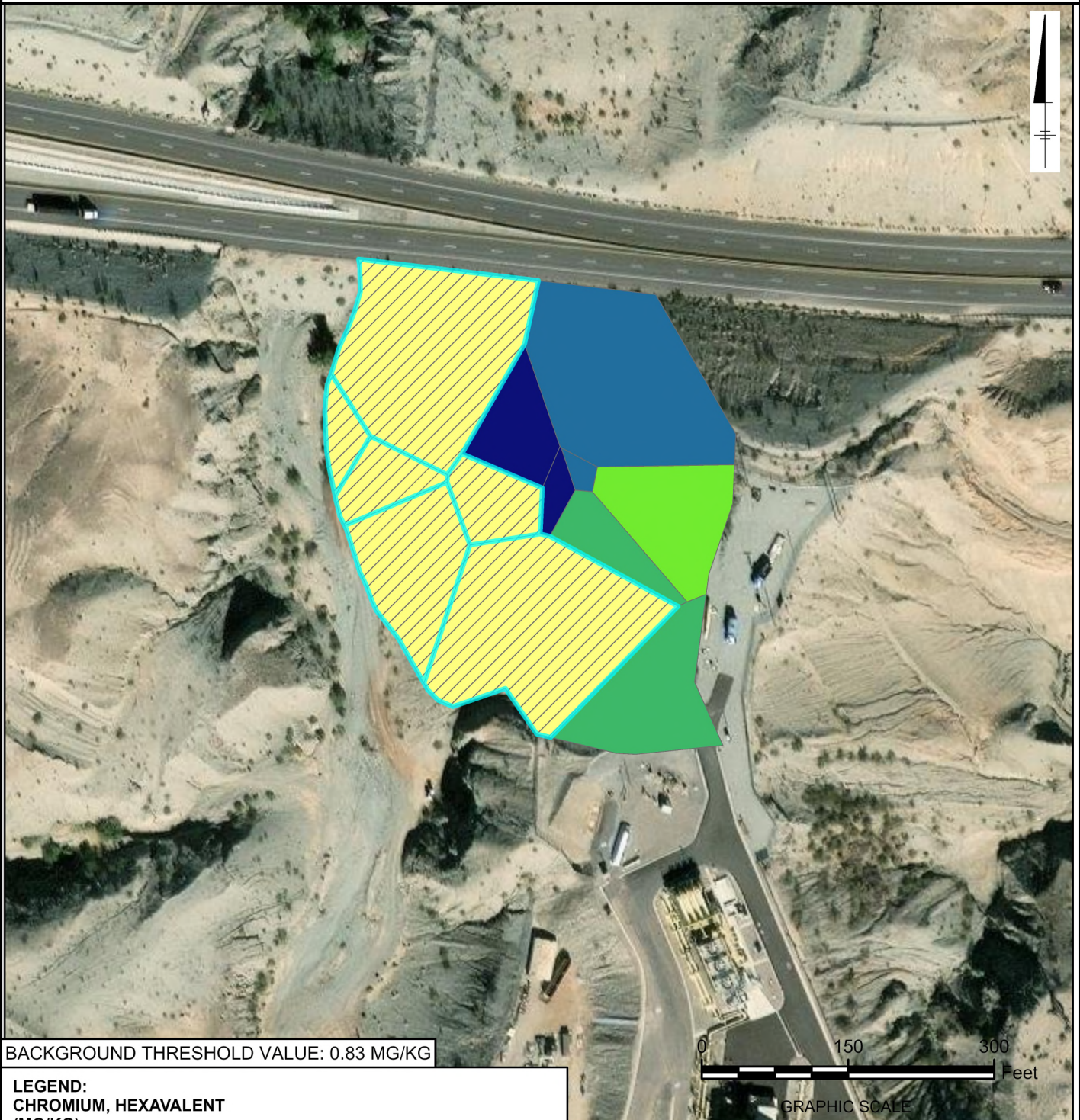


AOC 27
0 - 0.5 FEET BELOW GROUND SURFACE
CHROMIUM, HEXAVALENT



BACKGROUND THRESHOLD VALUE: 0.83 MG/KG

LEGEND:
CHROMIUM, HEXAVALENT
(MG/KG)

-  NOT DETECTED
-  0.10 - 0.10
-  ≥ 0.11 - 0.20
-  ≥ 0.21 - 0.28
-  ≥ 0.29 - 0.31
-  ≥ 0.32 - 0.36

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.

PG&E TOPOCK COMPRESSOR STATION
 NEEDLES, CALIFORNIA
**SOIL HUMAN HEALTH AND
 ECOLOGICAL RISK ASSESSMENT ADDENDUM**

**THIESSEN POLYGONS FOR
 AREA WEIGHTING**



FIGURE
AOC27-A3.1

AOC 27

0 - 0.5 FEET BELOW GROUND SURFACE

CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

- NOT DETECTED
- 13.00 - 14.00
- ≥ 14.01 - 15.00
- ≥ 15.01 - 17.00
- ≥ 17.01 - 22.00
- ≥ 22.01 - 29.00

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.

0 150 300 Feet

GRAPHIC SCALE

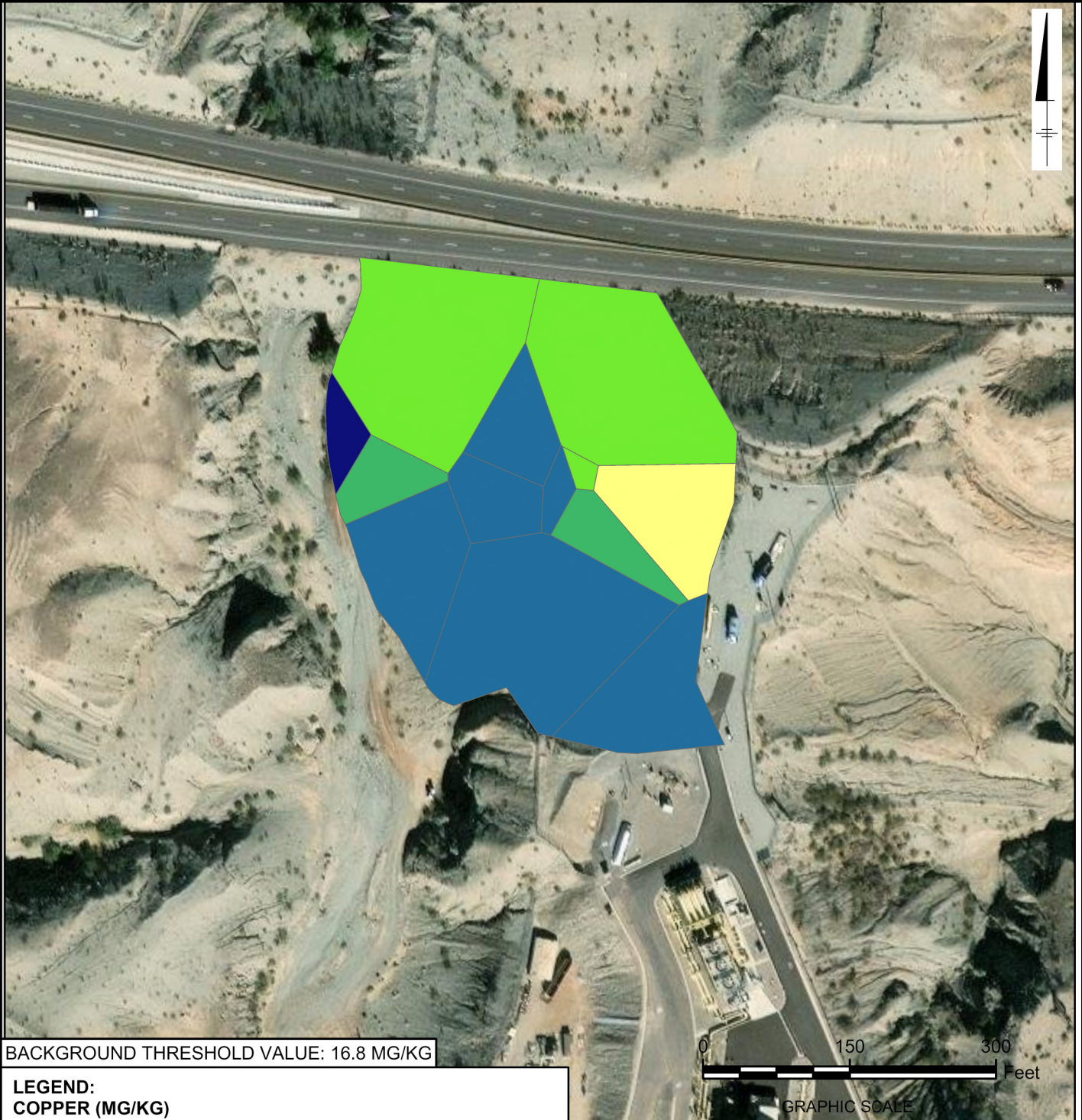
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ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC27-A3.2

AOC 27 0 - 0.5 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (MG/KG)

- NOT DETECTED
- 5.60
- $\geq 5.61 - 8.30$
- $\geq 8.31 - 9.20$
- $\geq 9.21 - 13.00$
- $\geq 13.01 - 36.00$

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.

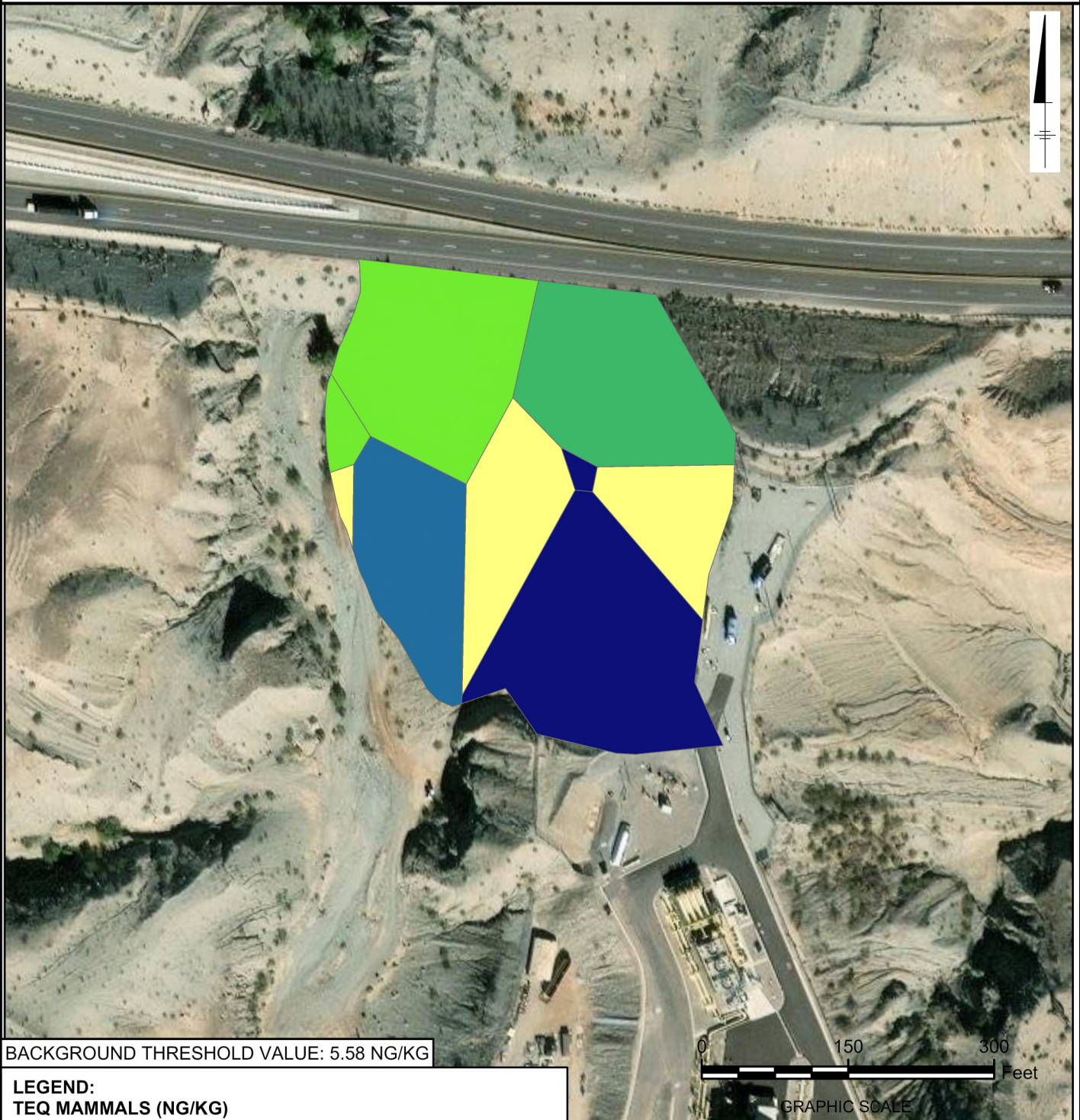
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THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC27-A3.3

AOC 27 0 - 3 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (NG/KG)

- NOT DETECTED
- 0.12 - 2.10
- $\geq 2.11 - 6.35$
- $\geq 6.36 - 8.73$
- $\geq 8.74 - 14.60$
- $\geq 14.61 - 18.30$

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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THIESSEN POLYGONS FOR AREA WEIGHTING

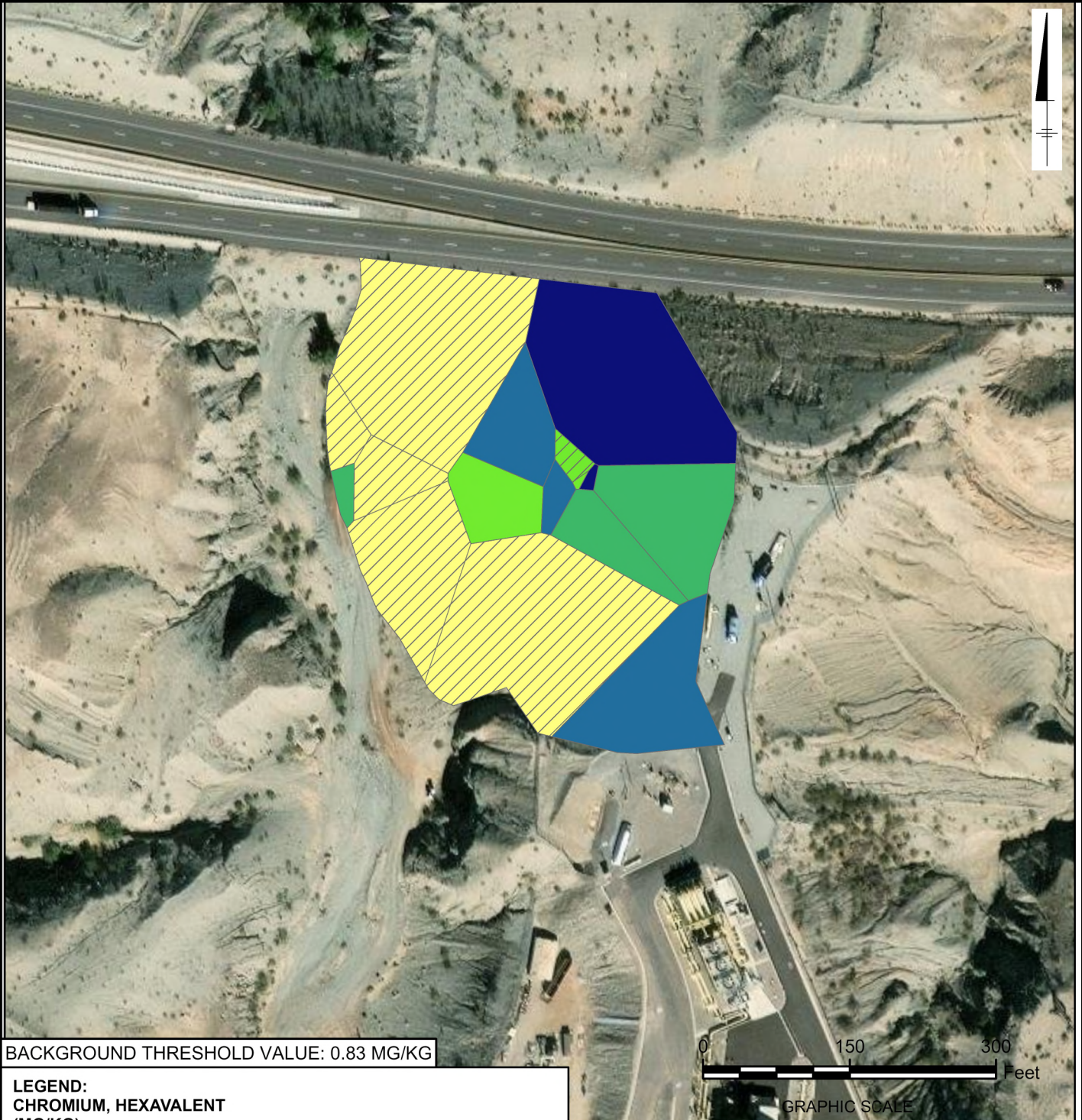


FIGURE
AOC27-A3.4

AOC 27

0 - 3 FEET BELOW GROUND SURFACE

CHROMIUM, HEXAVALENT



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THIESSEN POLYGONS FOR AREA WEIGHTING

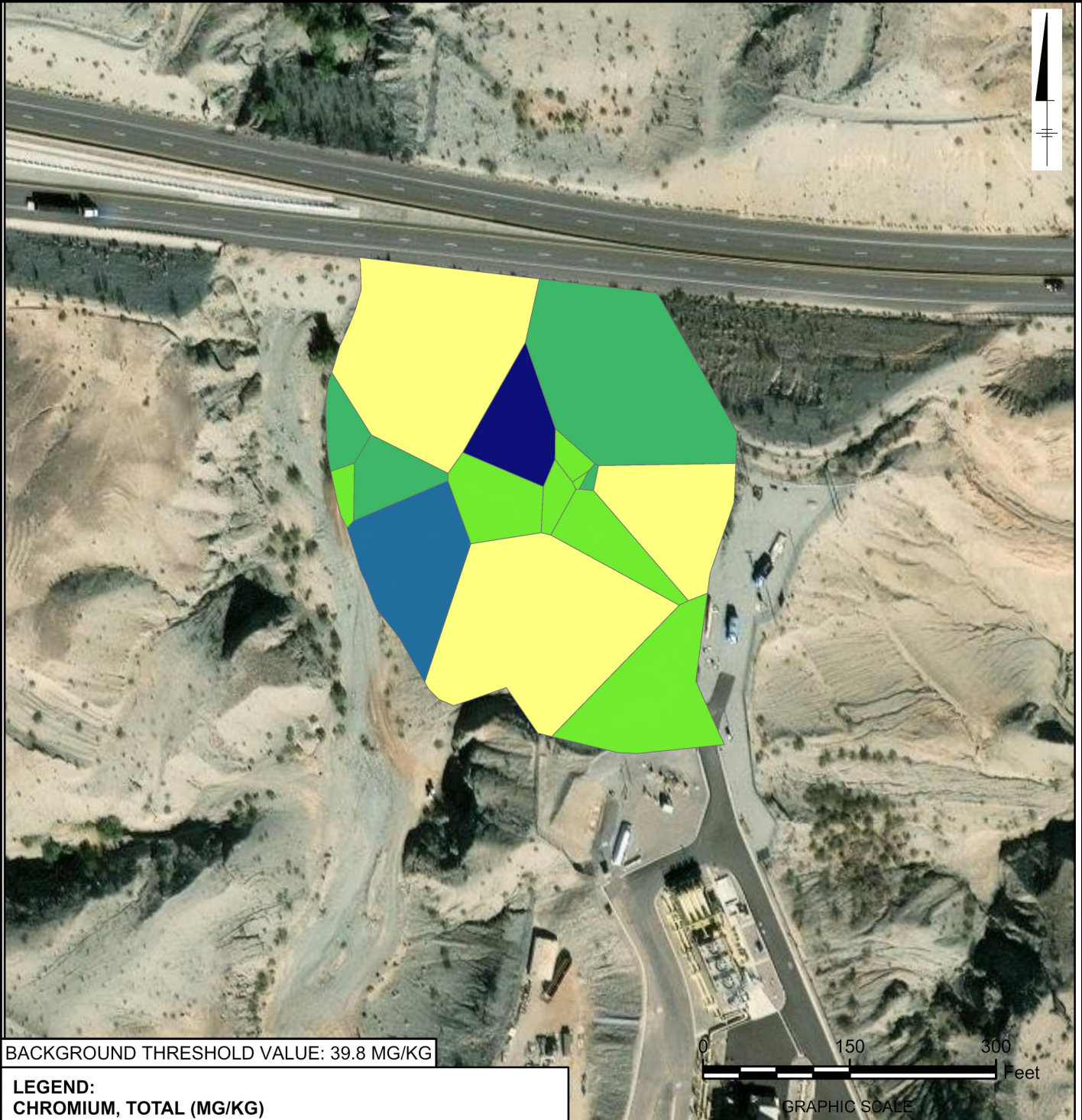


FIGURE
 AOC27-A3.5

AOC 27

0 - 3 FEET BELOW GROUND SURFACE

CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

- NOT DETECTED
- 14.00
- ≥ 14.01 - 16.00
- ≥ 16.01 - 17.70
- ≥ 17.71 - 20.00
- ≥ 20.01 - 25.70

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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THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC27-A3.6

AOC 27 0 - 3 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (MG/KG)

- NOT DETECTED
- 6.43 - 7.20
- $\geq 7.21 - 9.10$
- $\geq 9.11 - 10.10$
- $\geq 10.11 - 12.00$
- $\geq 12.01 - 26.50$

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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ECOLOGICAL RISK ASSESSMENT ADDENDUM**

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC27-A3.7