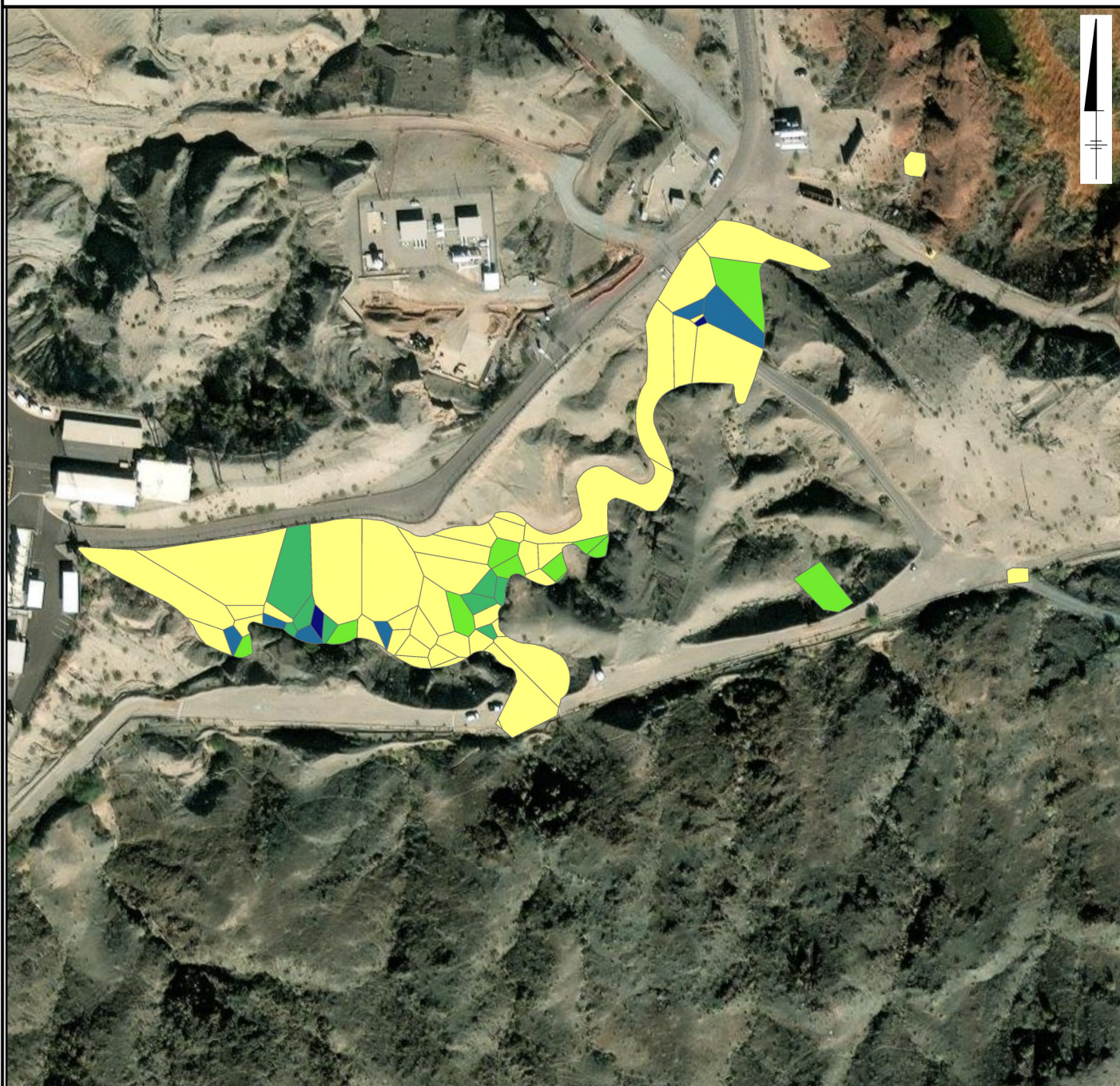


AOC 10 0 - 0.5 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (MG/KG)

- NOT DETECTED
- 0.23 - 5.20
- ≥ 5.21 - 13.00
- ≥ 13.01 - 26.00
- ≥ 26.01 - 55.00
- ≥ 55.01 - 110.00

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

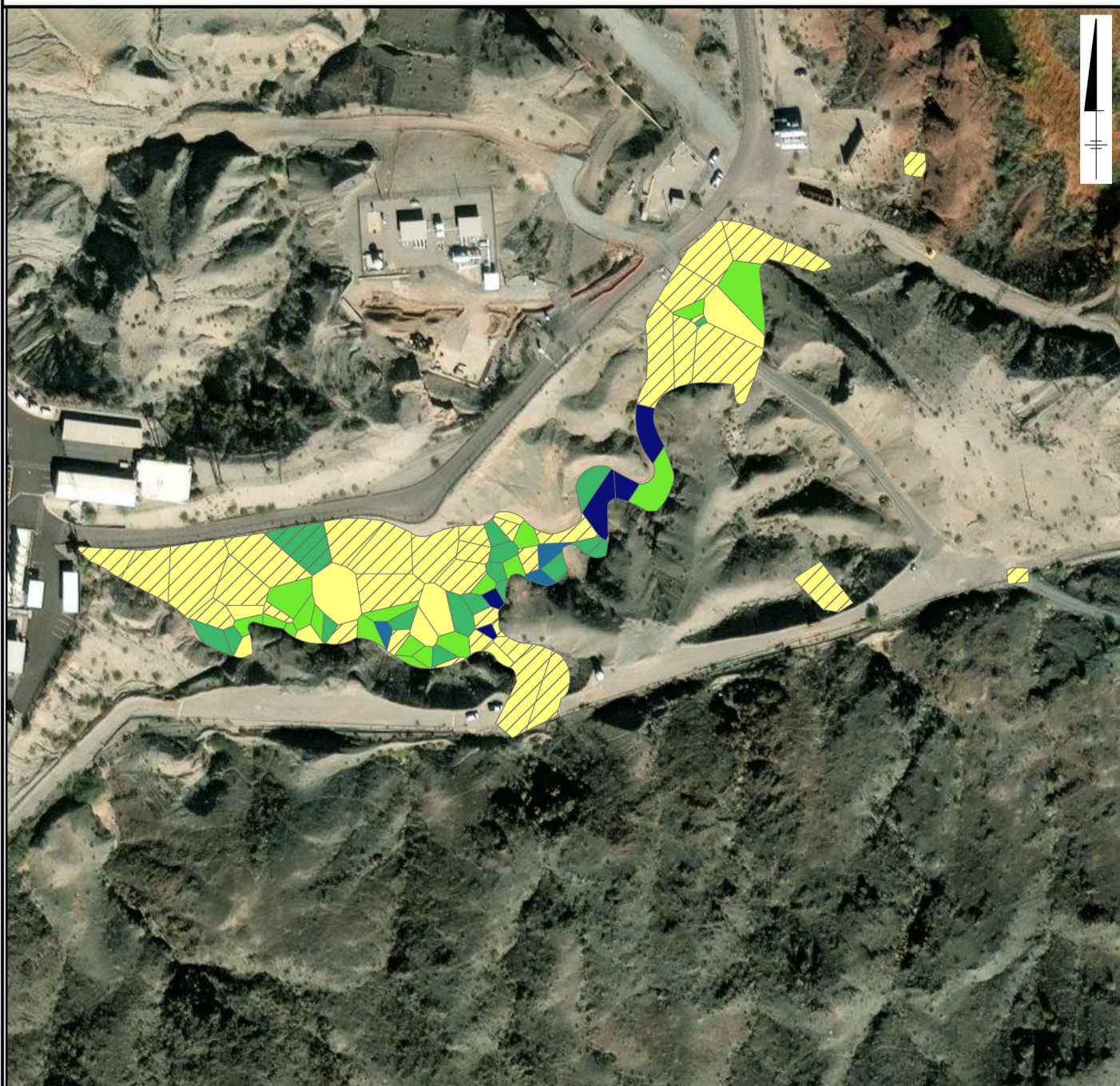
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.1

AOC 10 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 - 0.35
- ≥ 0.36 - 1.10
- ≥ 1.11 - 2.00
- ≥ 2.01 - 2.80
- ≥ 2.81 - 6.00

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

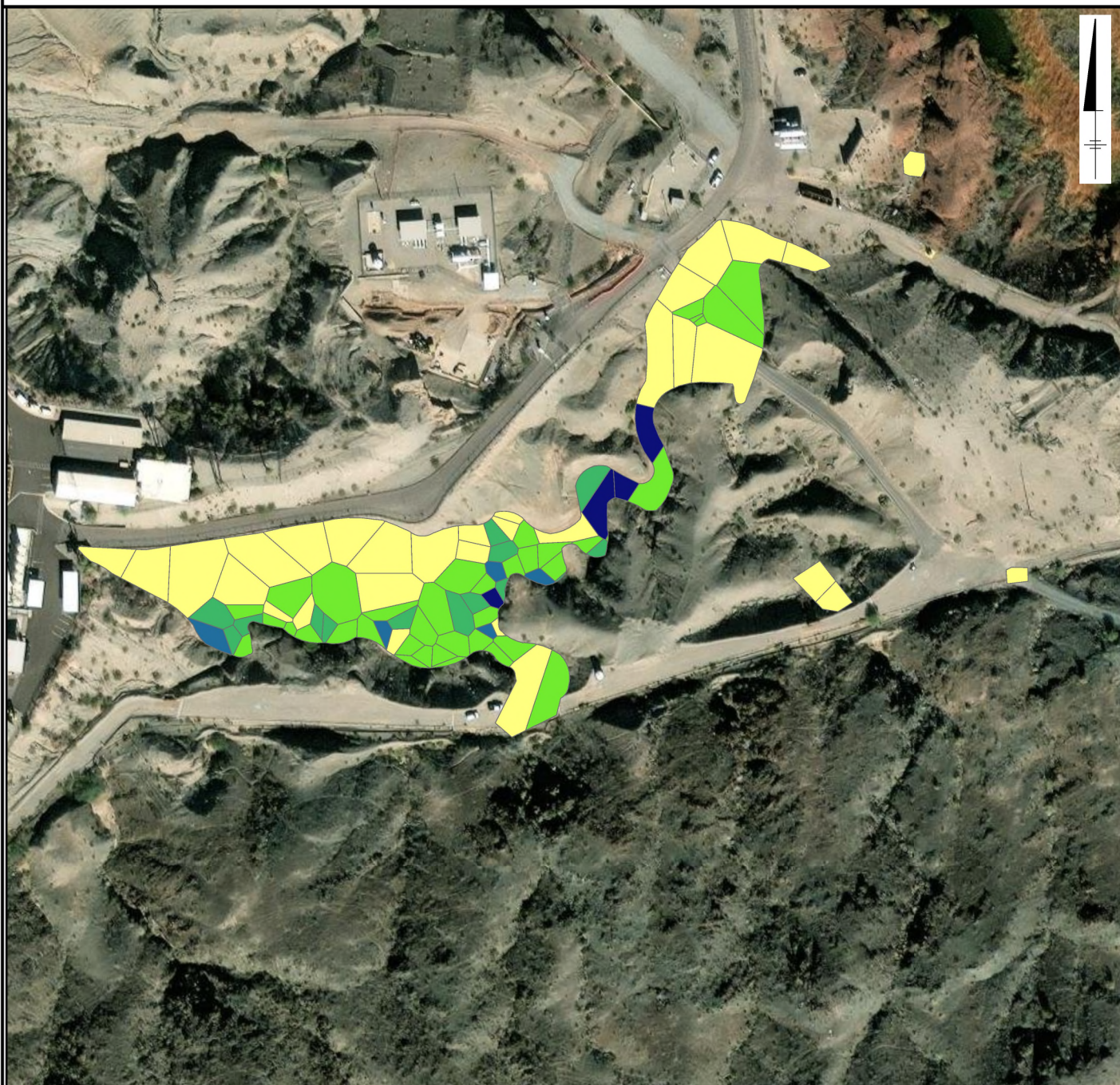
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR
AREA WEIGHTING

ARCADIS

FIGURE
AOC10-A3.2

AOC 10 0 - 0.5 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

	NOT DETECTED
	4.90 - 24.00
	≥24.01 - 47.00
	≥47.01 - 82.00
	≥82.01 - 130.00
	≥130.01 - 243.00

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

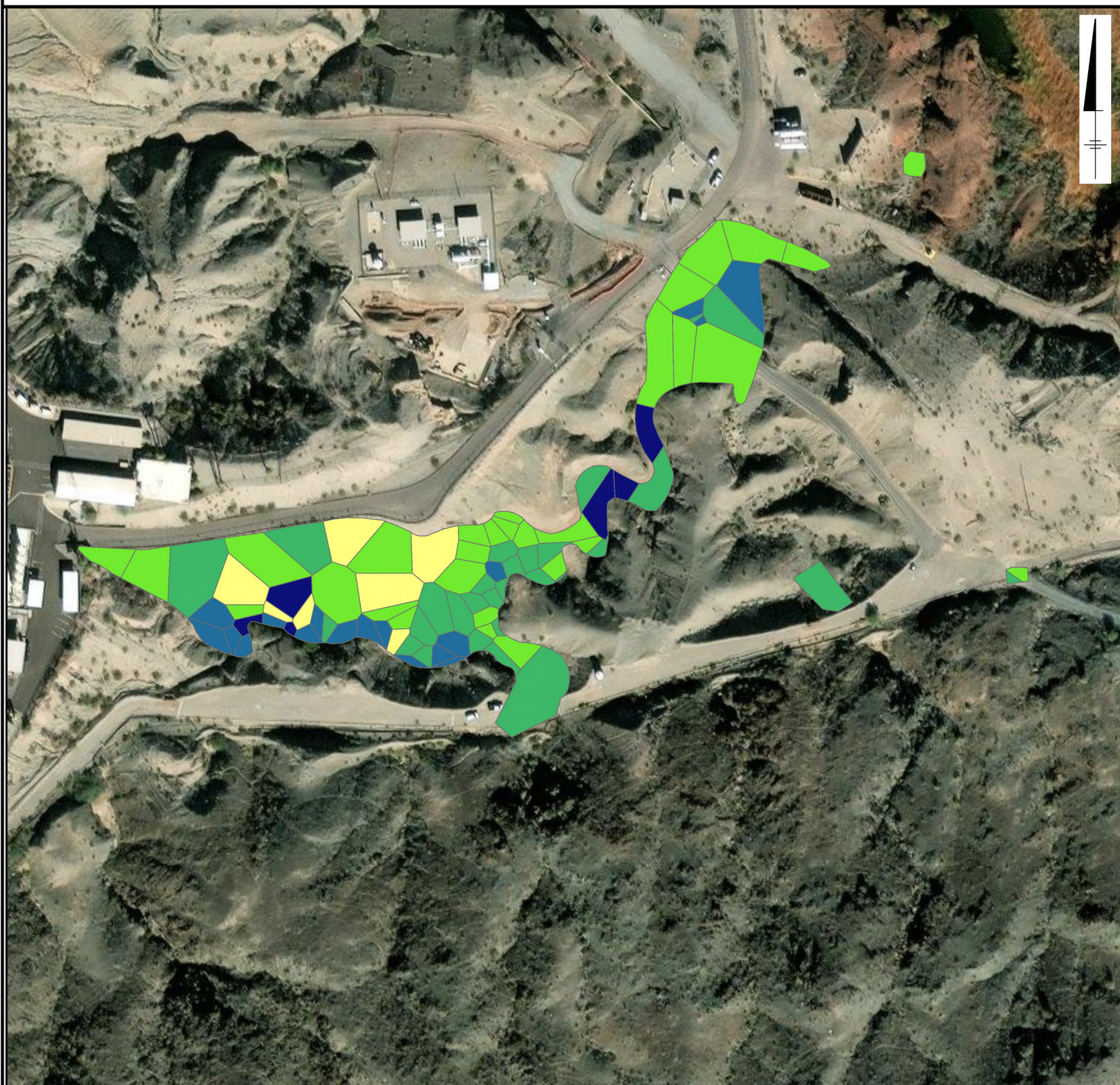
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.3

AOC 10 0 - 0.5 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (NG/KG)

- NOT DETECTED
- 3.60 - 6.50
- $\geq 6.51 - 13.00$
- $\geq 13.01 - 19.00$
- $\geq 19.01 - 36.00$
- $\geq 36.01 - 66.50$

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.

0 200 400 Feet

GRAPHIC SCALE

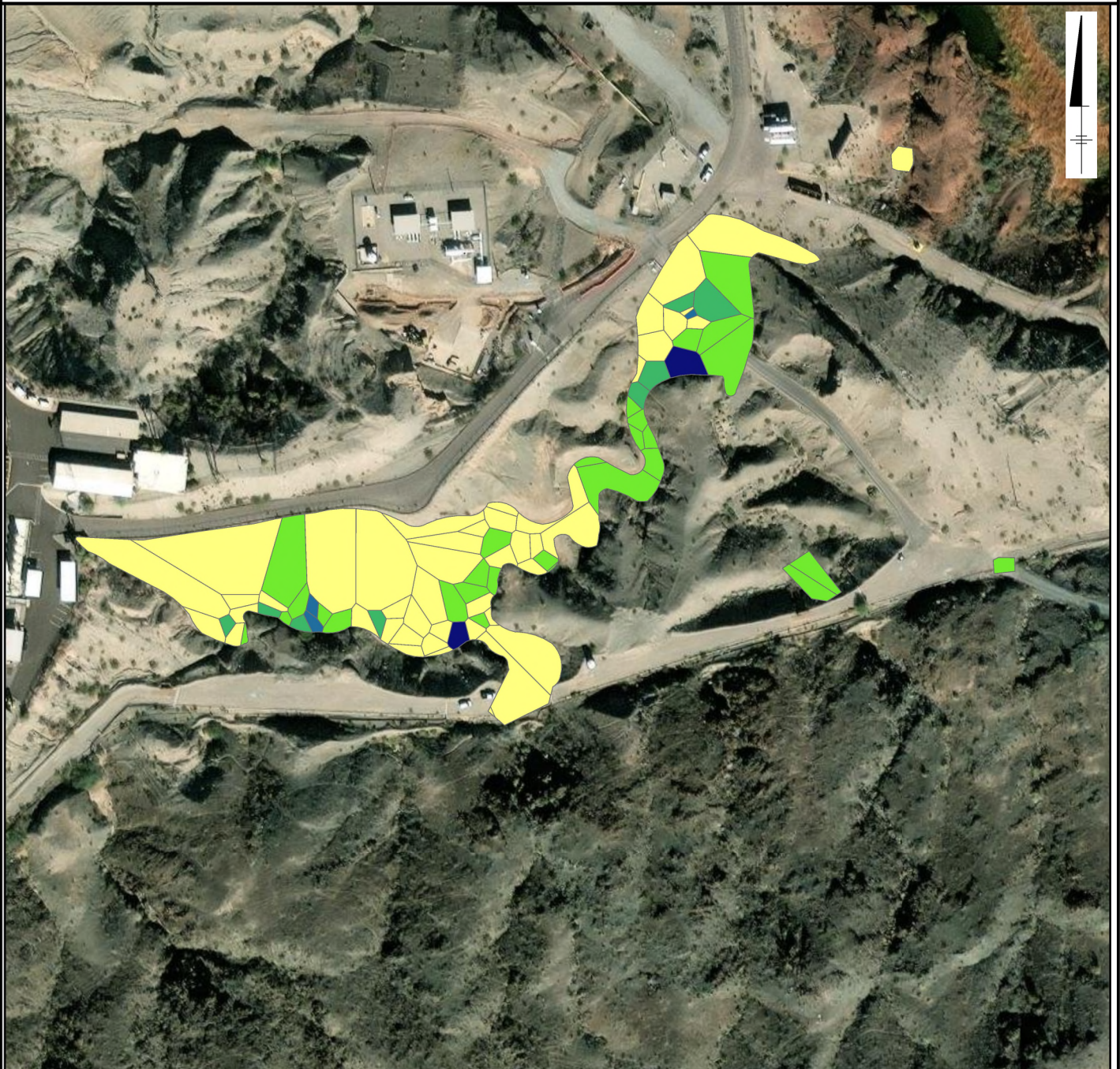
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.4

AOC 10 0 - 3 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (MG/KG)

- NOT DETECTED
- 0.23 - 6.80
- ≥6.81 - 26.00
- ≥26.01 - 55.00
- ≥55.01 - 150.00
- ≥150.01 - 210.00

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

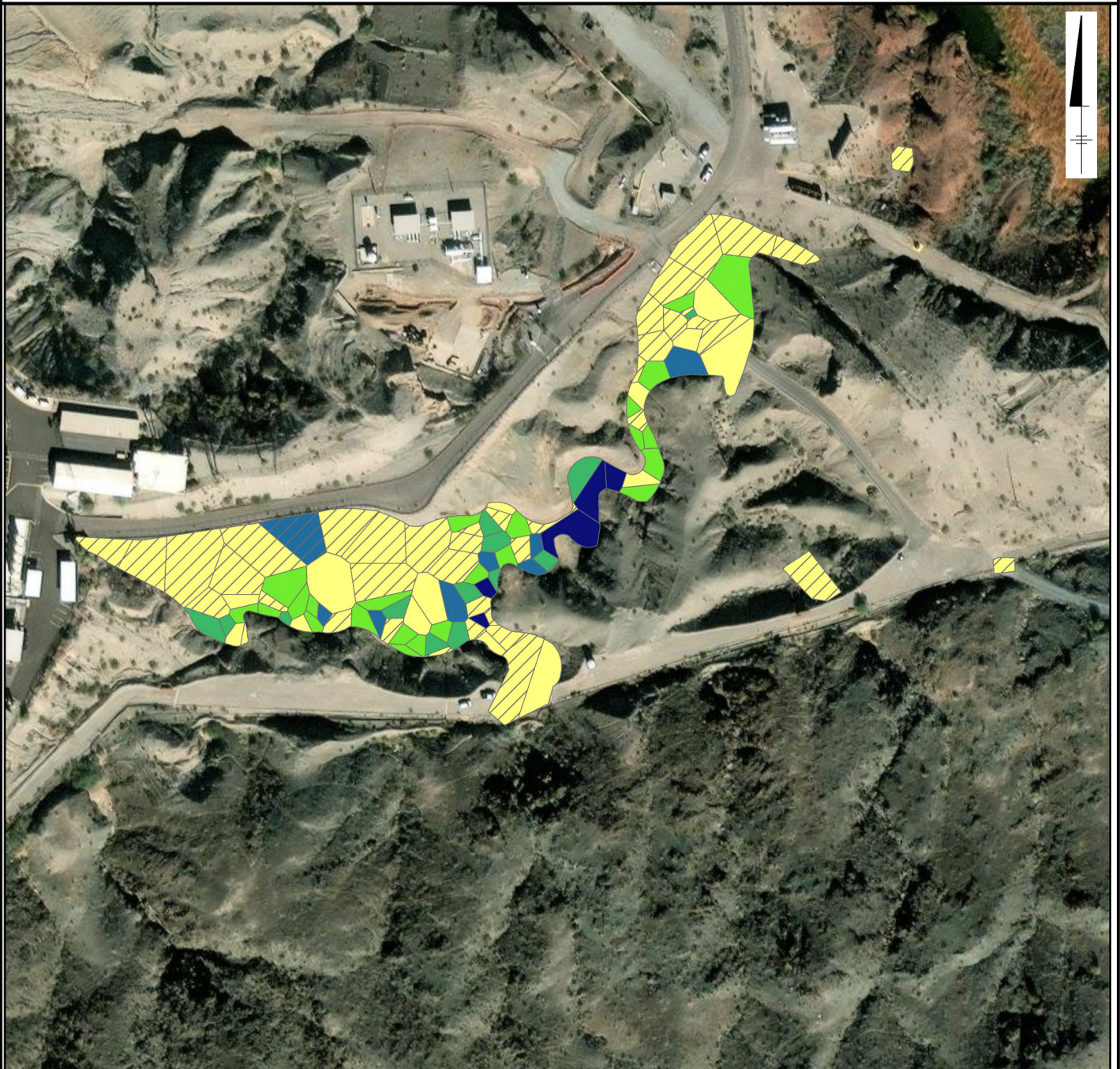
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.5

AOC 10 0 - 3 FEET BELOW GROUND SURFACE CHROMIUM, HEXAVALENT



BACKGROUND THRESHOLD VALUE: 0.83 MG/KG

LEGEND: CHROMIUM, HEXAVALENT (MG/KG)

- NOT DETECTED
- 0.10 - 0.37
- ≥ 0.38 - 0.99
- ≥ 1.00 - 1.80
- ≥ 1.81 - 2.80
- ≥ 2.81 - 7.30

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.

0 200 400 Feet

GRAPHIC SCALE

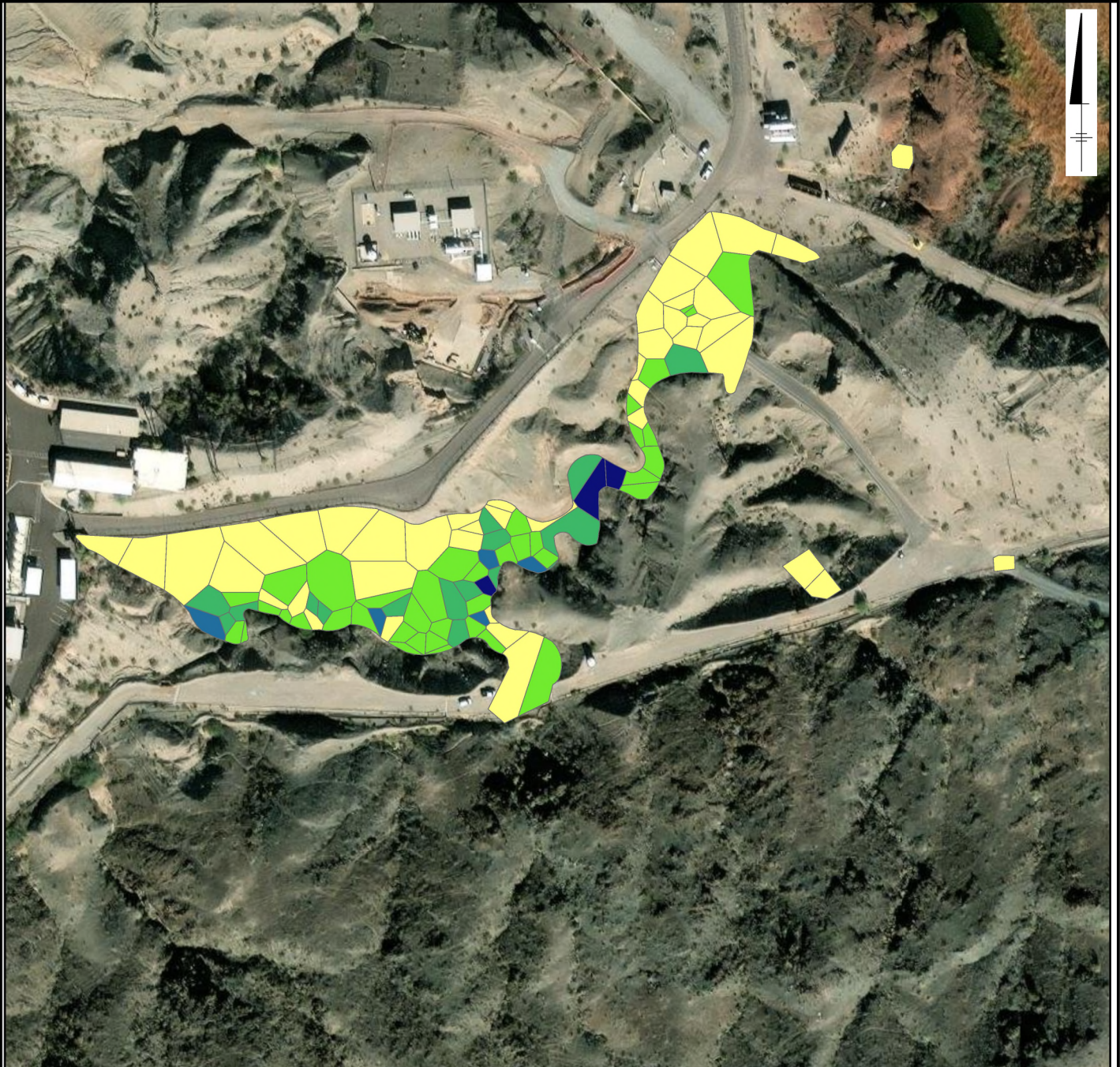
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR
AREA WEIGHTING

ARCADIS

FIGURE
AOC10-A3.6

AOC 10 0 - 3 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

- NOT DETECTED
- 6.80 - 26.00
- ≥26.01 - 47.00
- ≥47.01 - 82.00
- ≥82.01 - 130.00
- ≥130.01 - 243.00

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

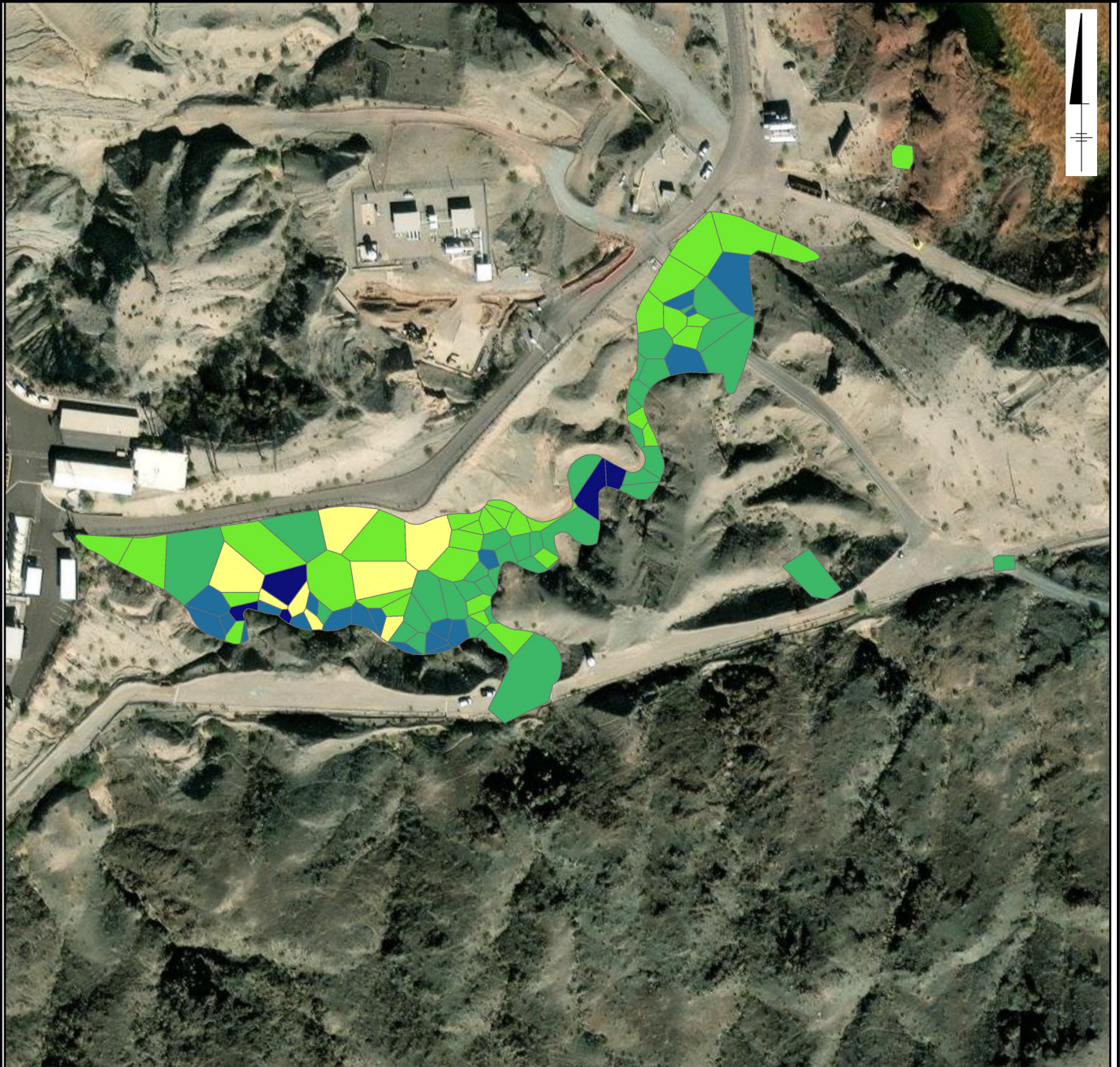
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.7

AOC 10 0 - 3 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (NG/KG)

- NOT DETECTED
- 3.60 - 8.00
- ≥8.01 - 13.00
- ≥13.01 - 20.00
- ≥20.01 - 36.00
- ≥36.01 - 66.50

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.

0 200 400 Feet

GRAPHIC SCALE

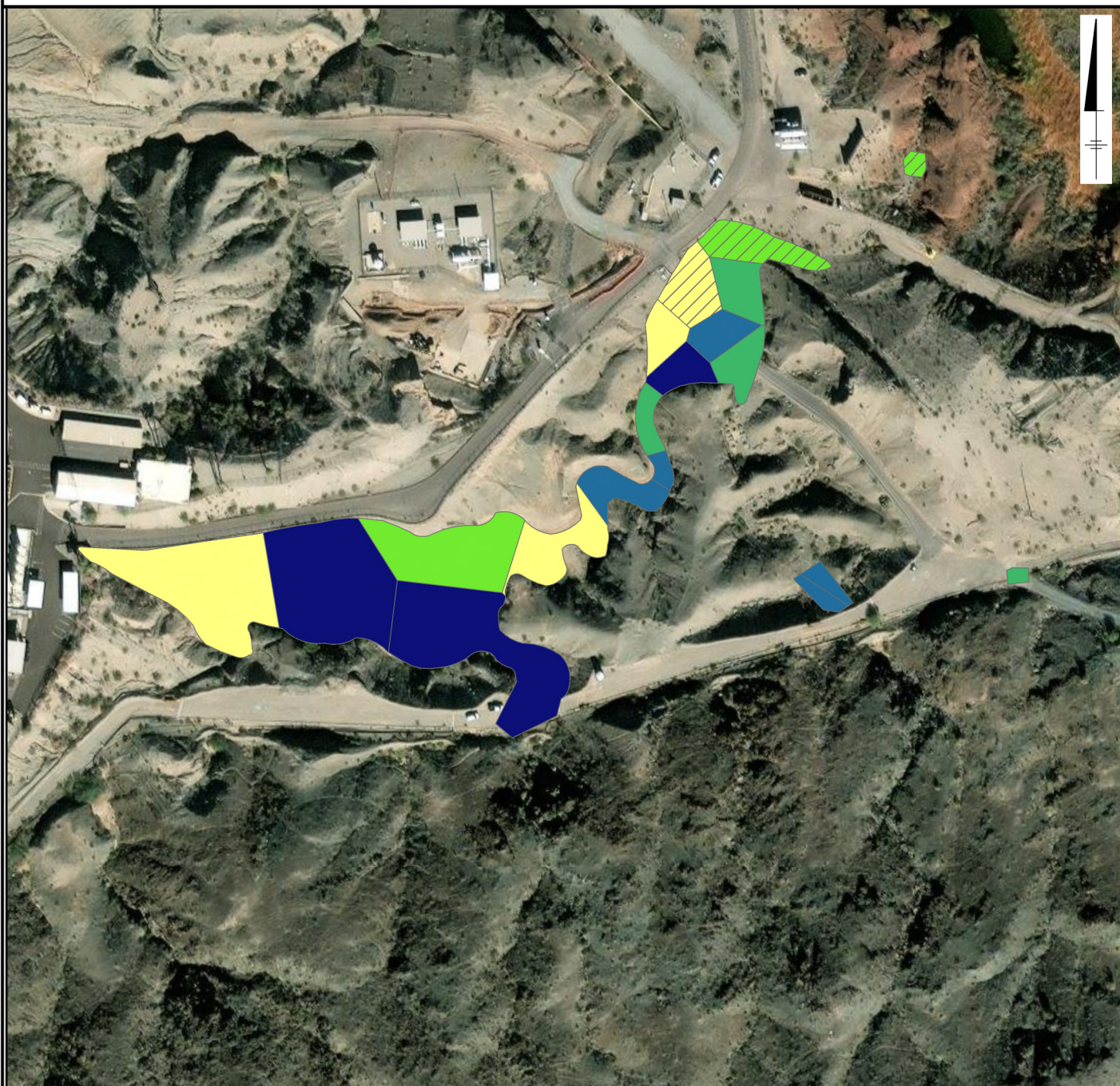
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.8

AOC 10 SCOURING 2 - 3 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (MG/KG)

- NOT DETECTED
- 0.20 - 0.83
- $\geq 0.84 - 2.60$
- $\geq 2.61 - 13.00$
- $\geq 13.01 - 19.00$
- $\geq 19.01 - 210.00$

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.

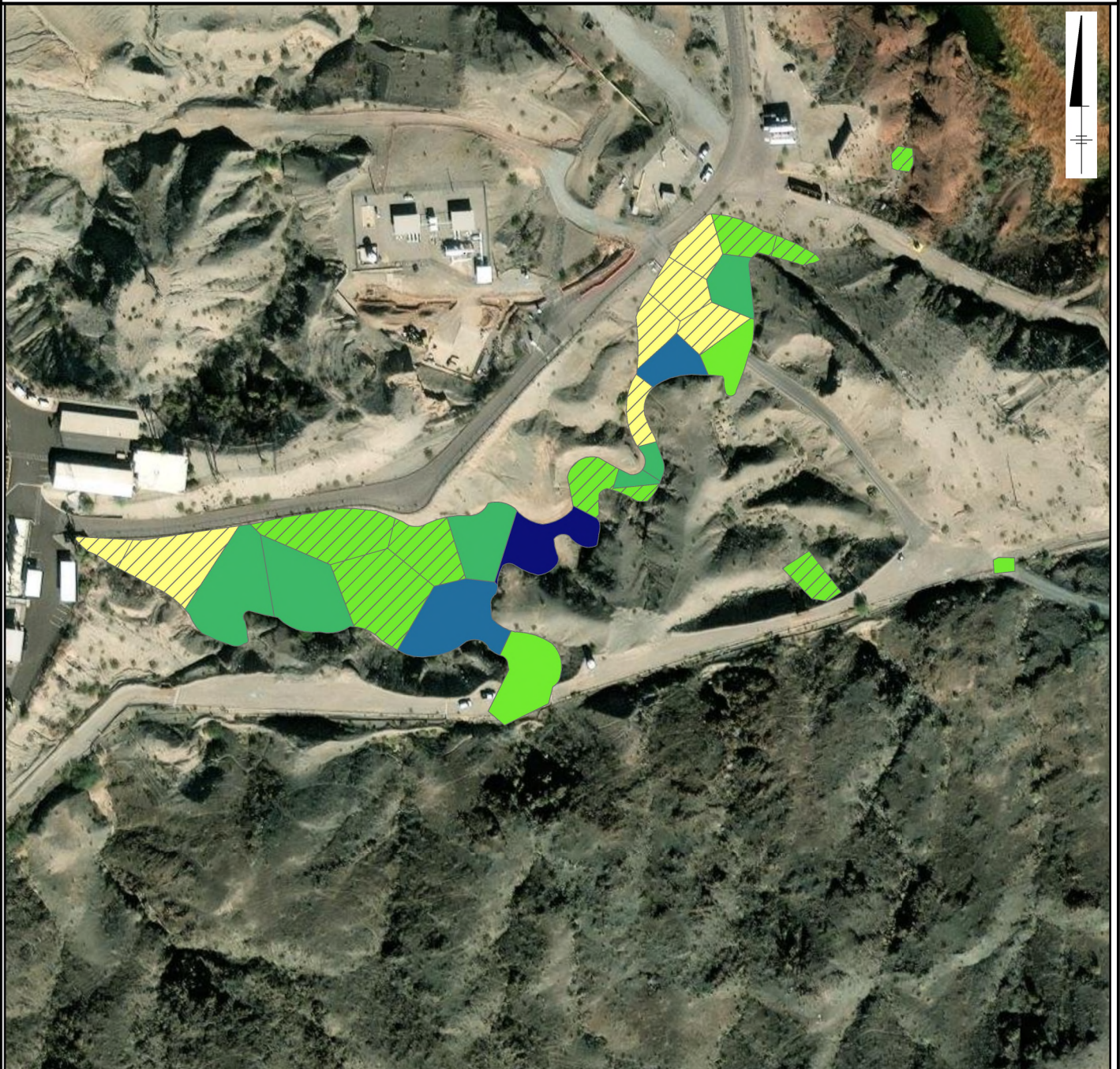
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.9

AOC 10 SCOURING 2 - 3 FEET BELOW GROUND SURFACE CHROMIUM, HEXAVALENT



BACKGROUND THRESHOLD VALUE: 0.83 MG/KG

LEGEND: CHROMIUM, HEXAVALENT (MG/KG)

-  NOT DETECTED
-  0.10 - 0.12
-  ≥ 0.13 - 0.30
-  ≥ 0.31 - 0.48
-  ≥ 0.49 - 1.90
-  ≥ 1.91 - 7.30

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.

0 200 400 Feet

GRAPHIC SCALE

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

**THIESSEN POLYGONS FOR
AREA WEIGHTING**

 **ARCADIS**

FIGURE
AOC10-A3.10

AOC 10 SCOURING 2 - 3 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

- NOT DETECTED
- 7.40 - 17.00
- ≥17.01 - 24.00
- ≥24.01 - 34.00
- ≥34.01 - 49.00
- ≥49.01 - 73.00

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

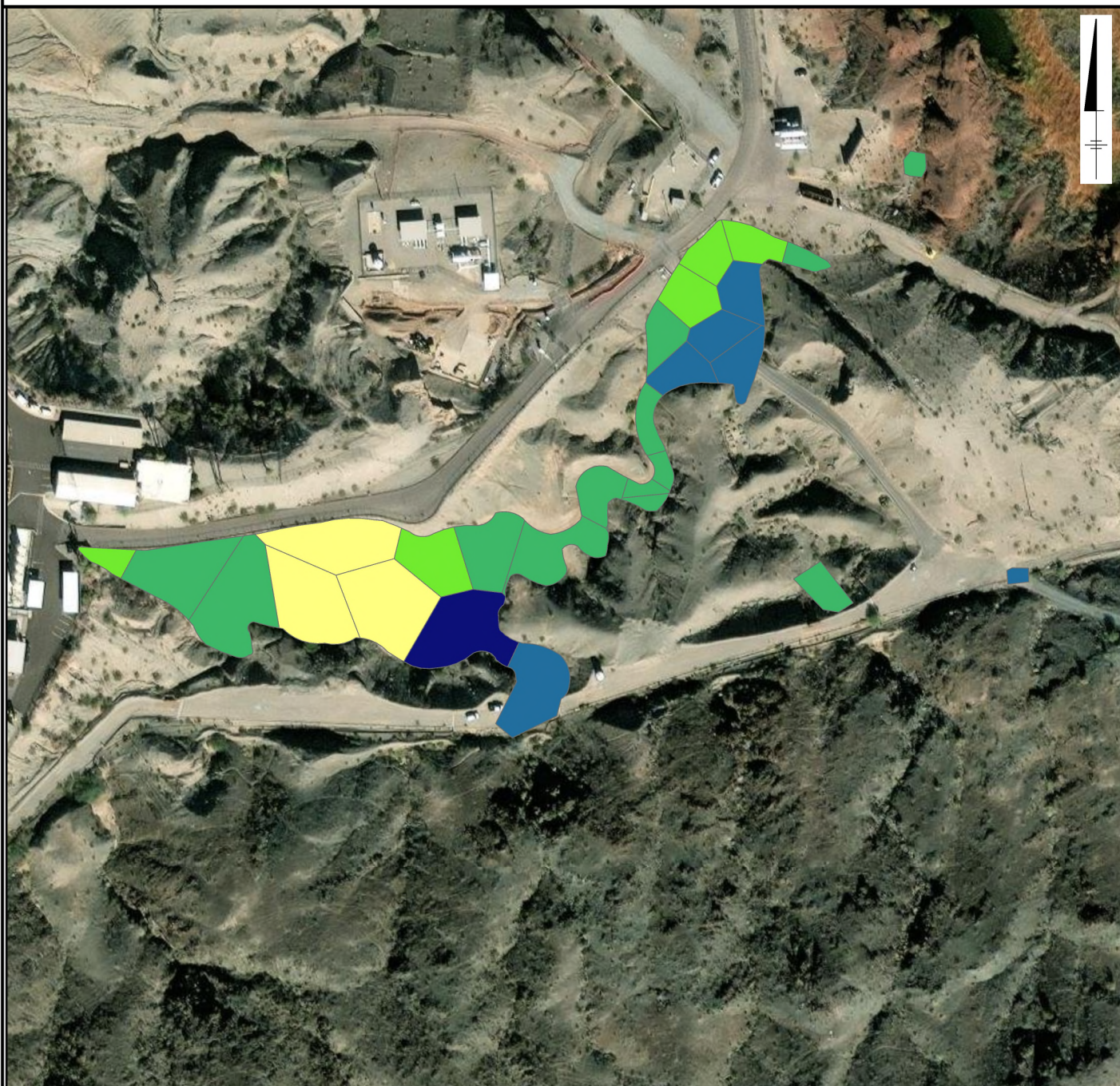
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.11

AOC 10 SCOURING 2 - 3 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (NG/KG)

- NOT DETECTED
- 5.60 - 8.00
- ≥8.01 - 11.00
- ≥11.01 - 16.00
- ≥16.01 - 21.00
- ≥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.

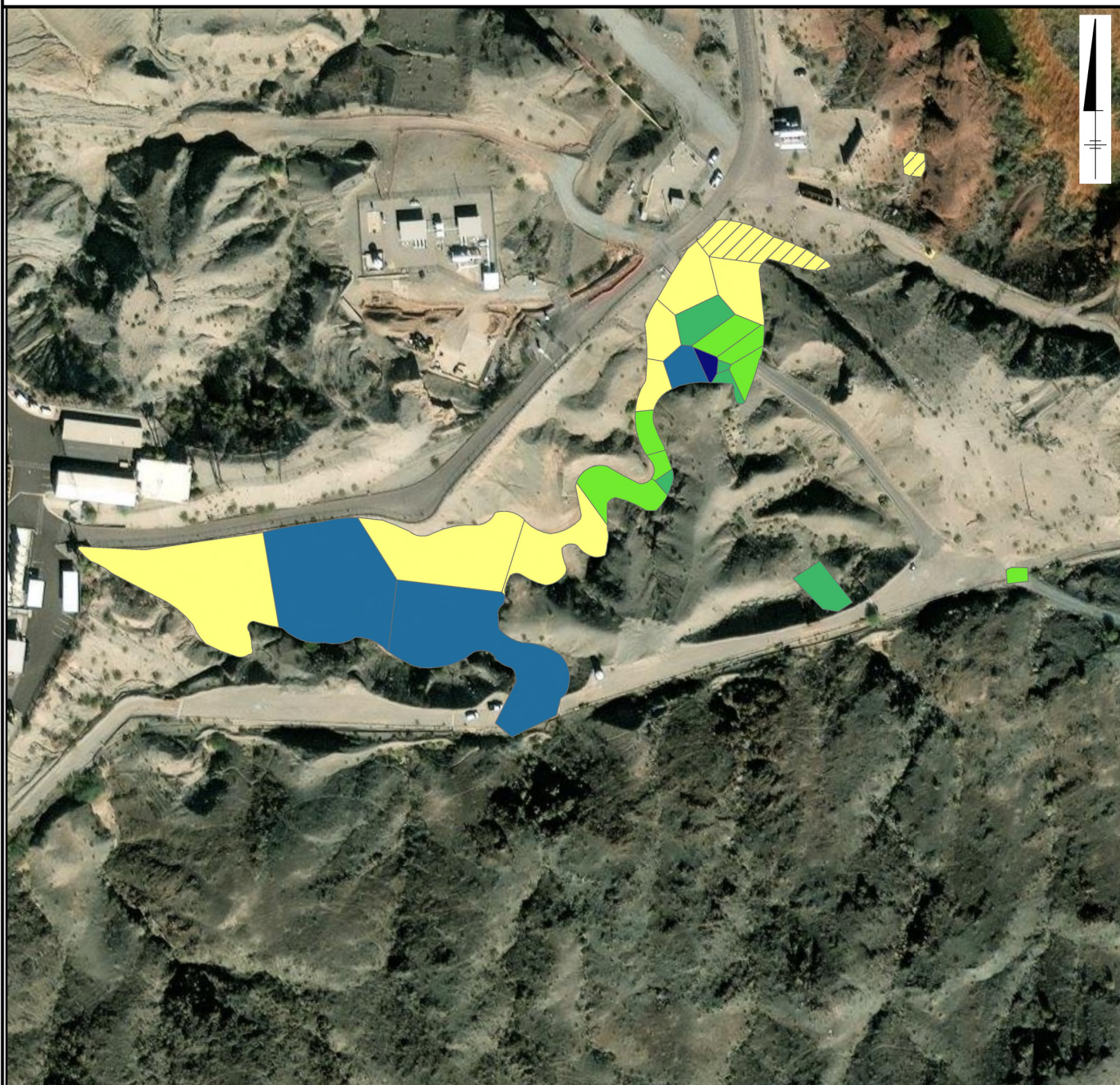
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.12

AOC 10 SCOURING 2 - 6 FEET BELOW GROUND SURFACE TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND: TEQ MAMMALS (MG/KG)

- NOT DETECTED
- 0.24 - 7.35
- ≥ 7.36 - 19.00
- ≥ 19.01 - 100.00
- ≥ 100.01 - 210.00
- ≥ 210.01 - 880.00

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

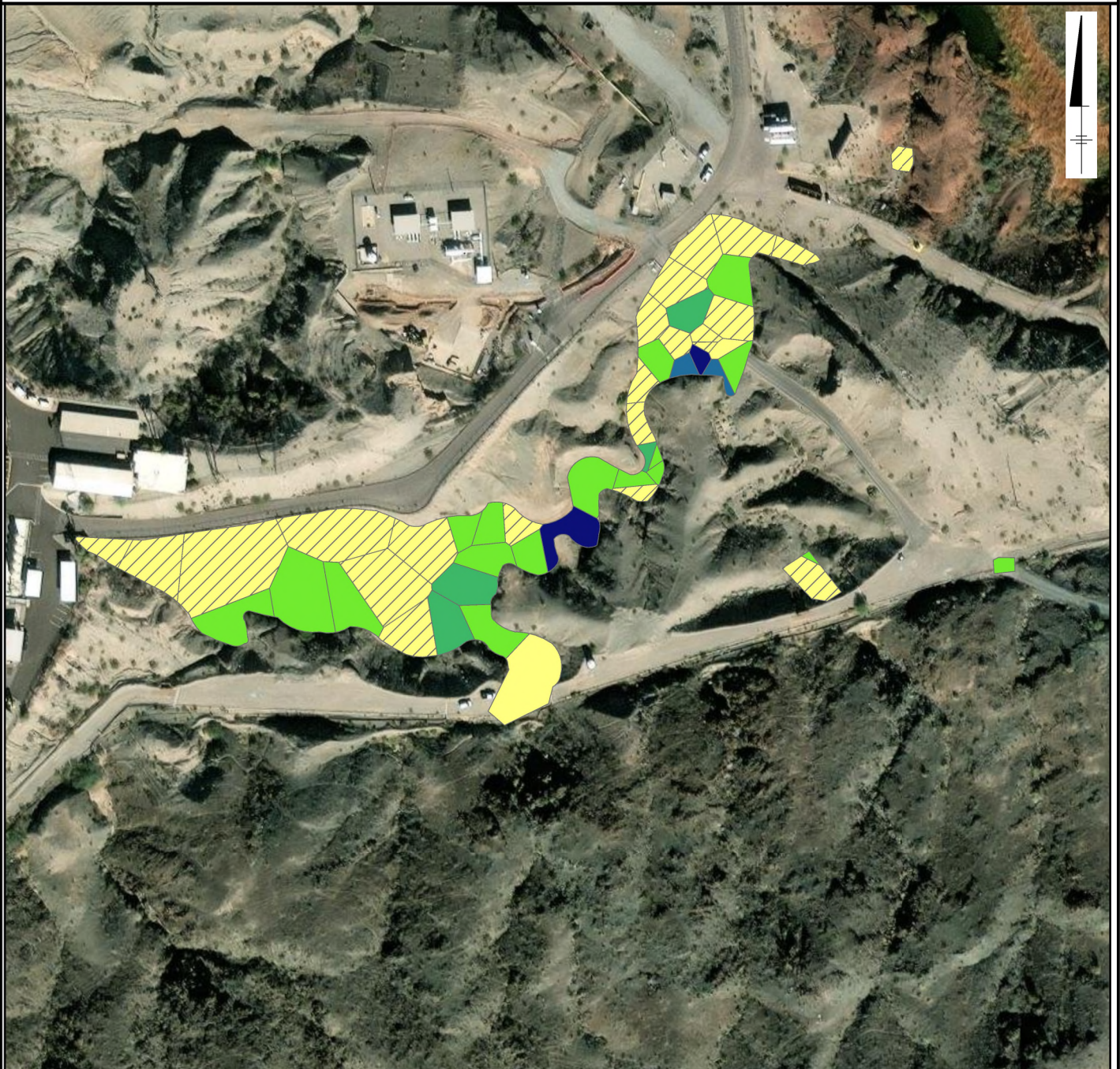
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

**THIESSEN POLYGONS FOR
AREA WEIGHTING**

ARCADIS

FIGURE
AOC10-A3.13

AOC 10 SCOURING 2 - 6 FEET BELOW GROUND SURFACE CHROMIUM, HEXAVALENT



BACKGROUND THRESHOLD VALUE: 0.83 MG/KG

LEGEND: CHROMIUM, HEXAVALENT (MG/KG)

- NOT DETECTED
- 0.08 - 0.25
- ≥ 0.26 - 0.66
- ≥ 0.67 - 1.40
- ≥ 1.41 - 3.00
- ≥ 3.01 - 8.30

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.

0 200 400 Feet

GRAPHIC SCALE

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

THIESSEN POLYGONS FOR
AREA WEIGHTING

ARCADIS

FIGURE
AOC10-A3.14

AOC 10 SCOURING 2 - 6 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

- NOT DETECTED
- 7.43 - 19.00
- ≥ 19.01 - 31.00
- ≥ 31.01 - 49.00
- ≥ 49.01 - 92.00
- ≥ 92.01 - 400.00

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

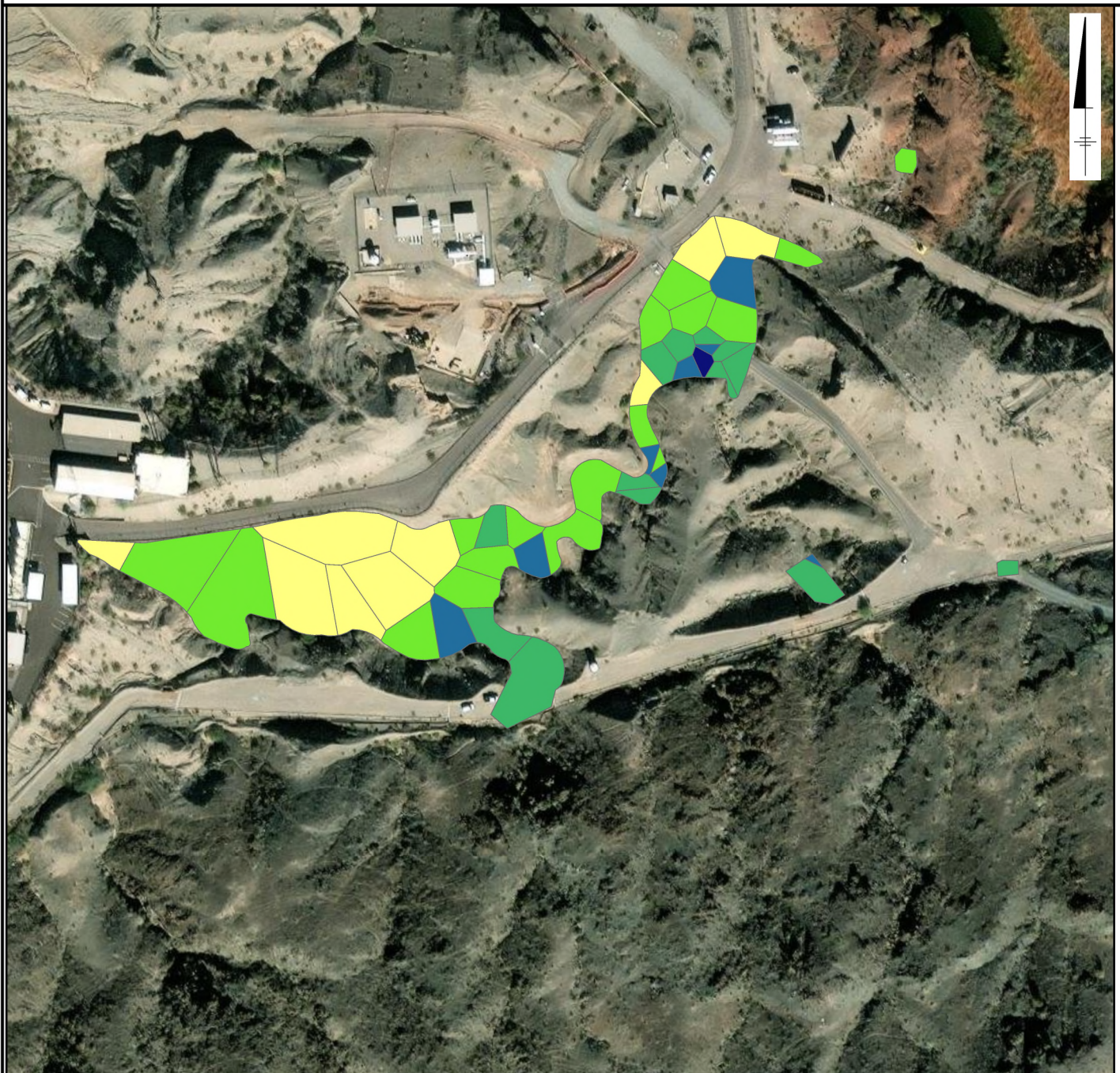
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.15

AOC 10 SCOURING 2 - 6 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER (NG/KG)

- NOT DETECTED
- 5.65 - 10.00
- ≥ 10.01 - 14.50
- ≥ 14.51 - 20.00
- ≥ 20.01 - 28.00
- ≥ 28.01 - 60.00

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

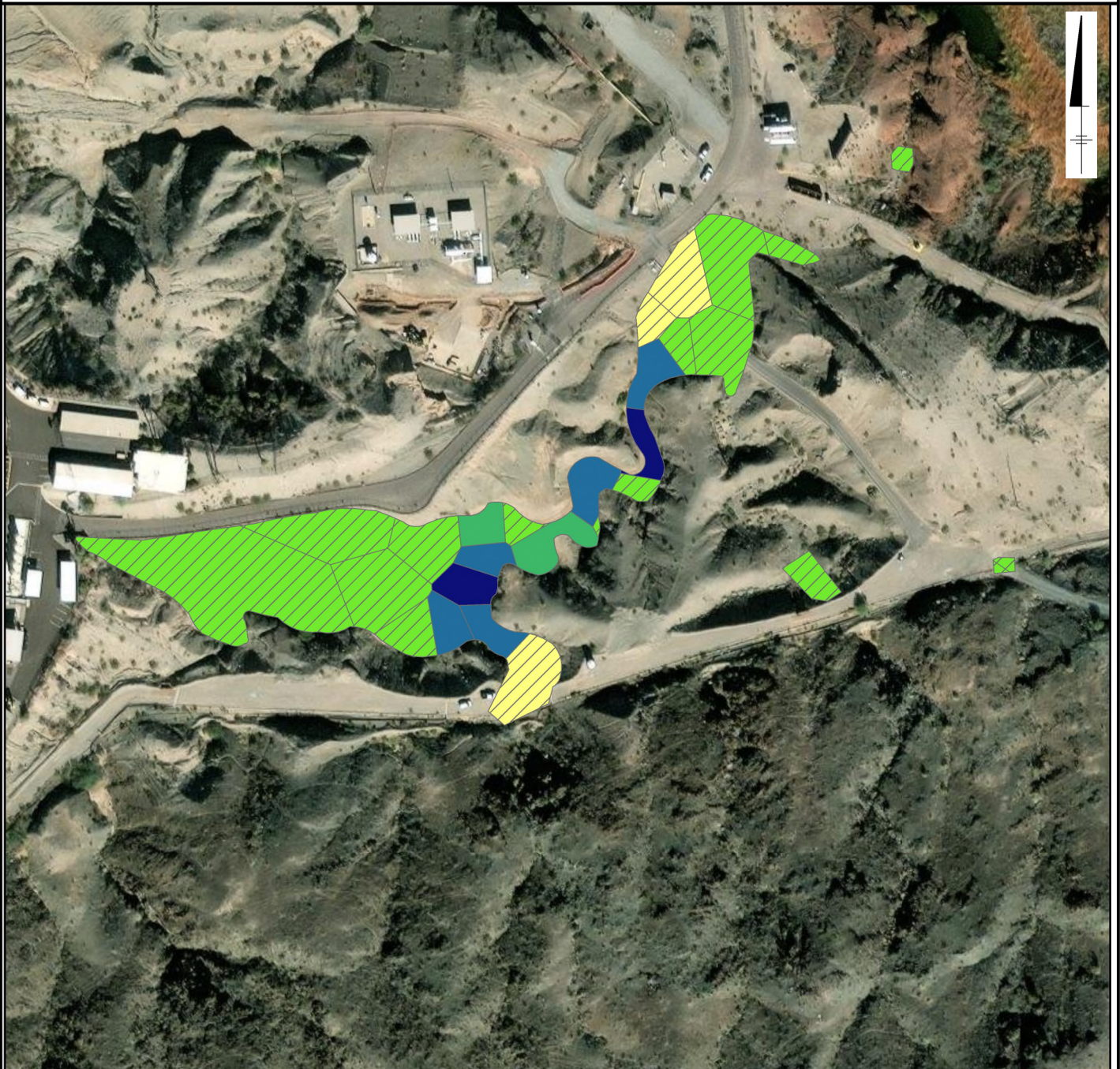
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

**THIESSEN POLYGONS FOR
AREA WEIGHTING**

ARCADIS

FIGURE
AOC10-A3.16

AOC 10 SCOURING 5 - 6 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 - 0.21
- ≥ 0.22 - 0.44
- ≥ 0.45 - 0.72
- ≥ 0.73 - 1.40

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

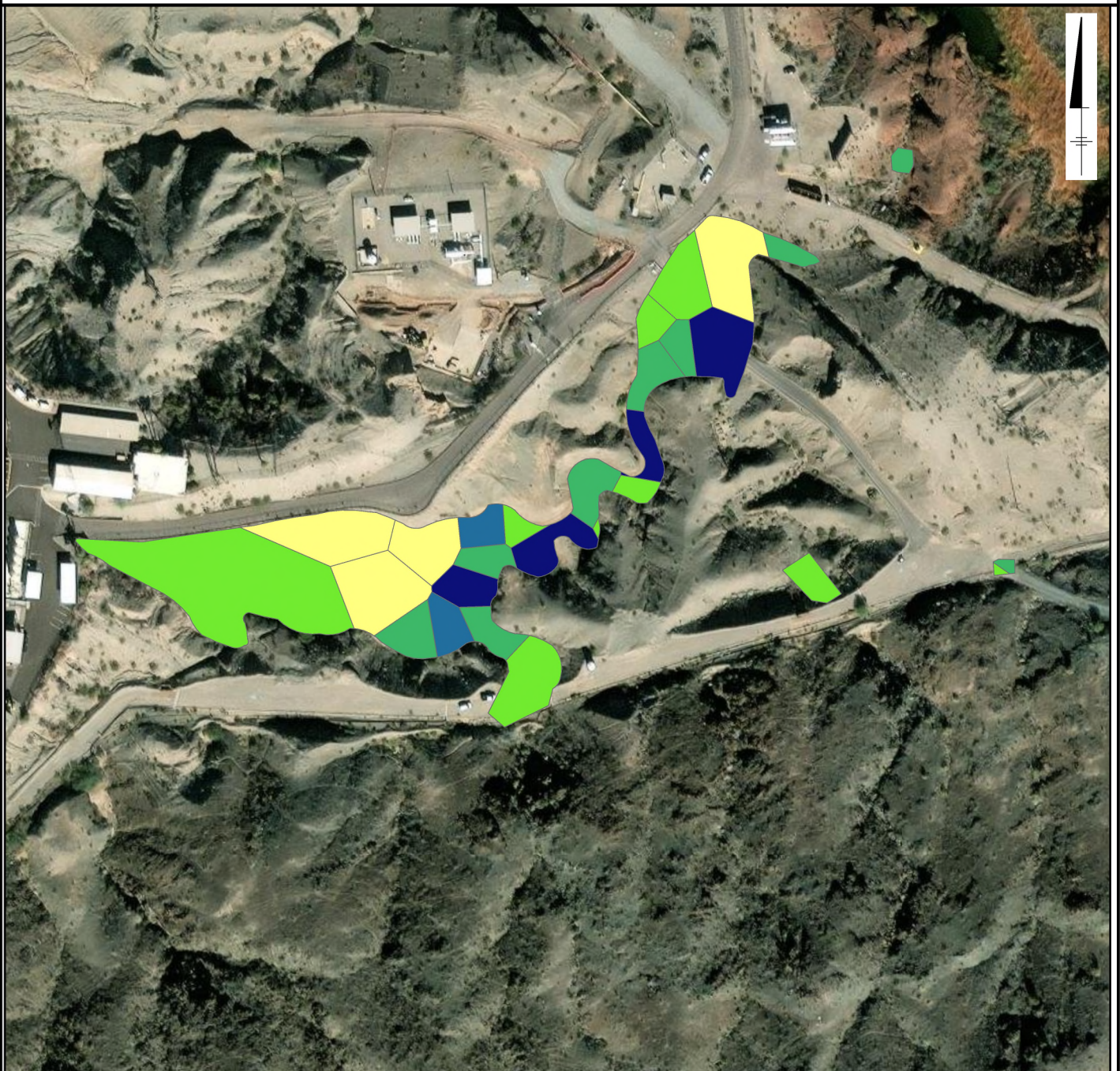
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR
AREA WEIGHTING

ARCADIS

FIGURE
AOC10-A3.17

AOC 10 SCOURING 5 - 6 FEET BELOW GROUND SURFACE CHROMIUM, TOTAL



BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND: CHROMIUM, TOTAL (MG/KG)

- NOT DETECTED
- 7.50 - 20.00
- ≥20.01 - 29.00
- ≥29.01 - 37.00
- ≥37.01 - 47.00
- ≥47.01 - 92.00

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

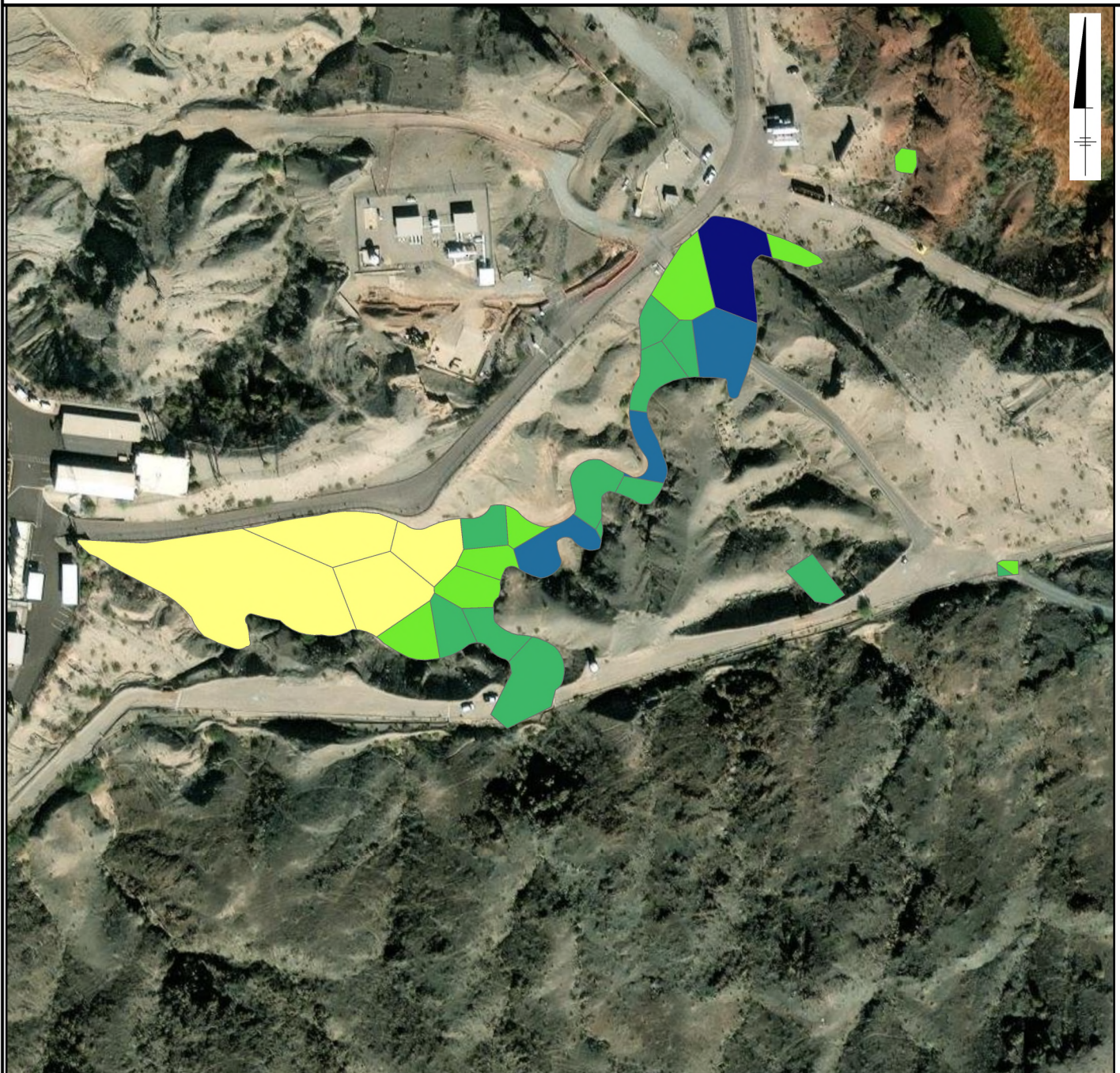
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

THIESSEN POLYGONS FOR AREA WEIGHTING



FIGURE
AOC10-A3.18

AOC 10 SCOURING 5 - 6 FEET BELOW GROUND SURFACE COPPER



BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND: COPPER ()

- NOT DETECTED
- 5.80 - 10.00
- ≥ 10.01 - 14.00
- ≥ 14.01 - 19.00
- ≥ 19.01 - 25.00
- ≥ 25.01 - 41.00

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

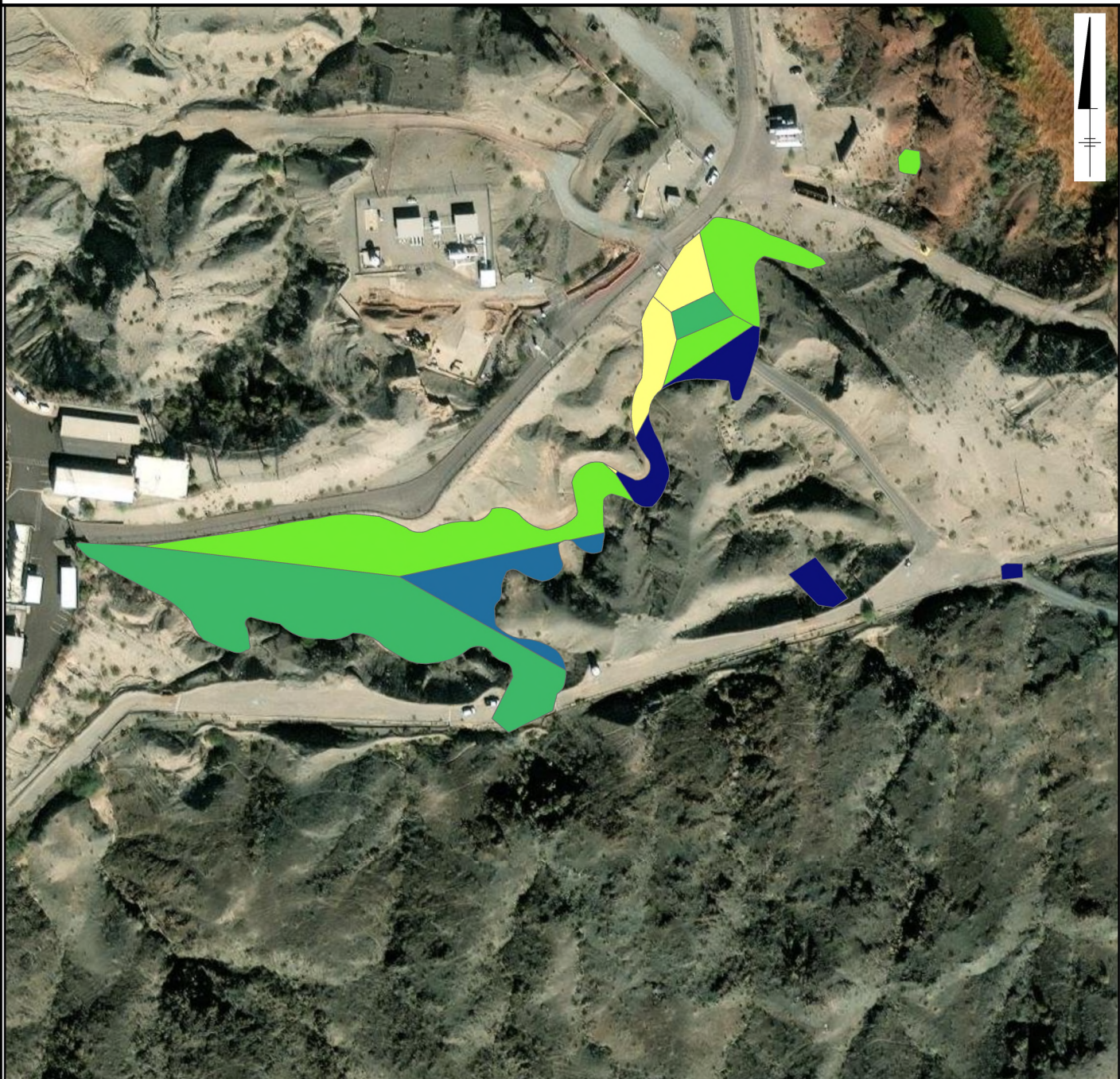
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

**THIESSEN POLYGONS FOR
AREA WEIGHTING**

ARCADIS

FIGURE
AOC10-A3.19

AOC 10
SCOURING 5 - 10 FEET BELOW GROUND SURFACE
TEQ MAMMALS



BACKGROUND THRESHOLD VALUE: 5.58 NG/KG

LEGEND:
TEQ MAMMALS (NG/KG)

- NOT DETECTED
- 0.32 - 0.54
- $\geq 0.55 - 1.70$
- $\geq 1.71 - 4.10$
- $\geq 4.11 - 12.00$
- $\geq 12.01 - 100.00$

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

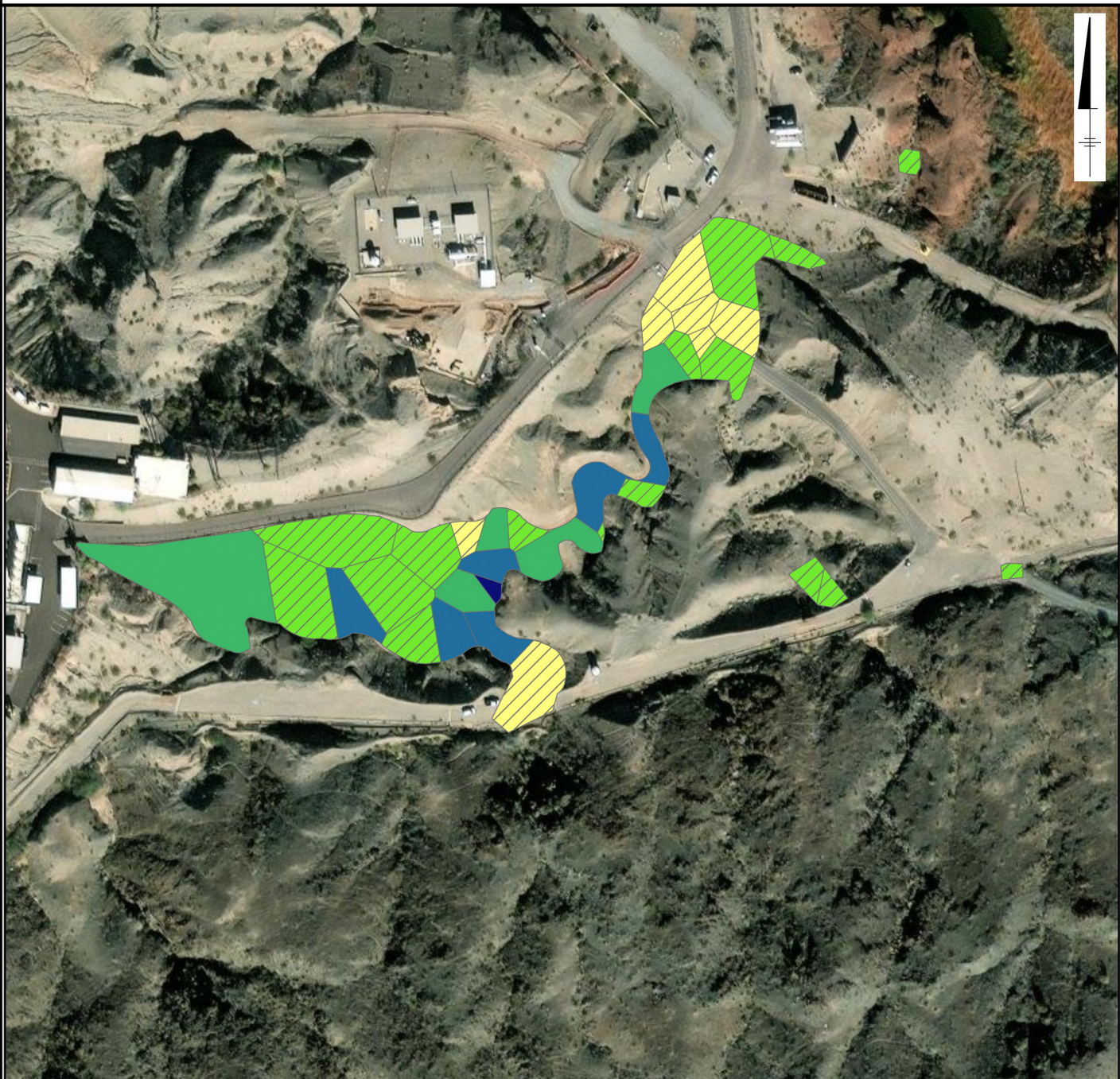
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA
**SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM**

**THIESSEN POLYGONS FOR
AREA WEIGHTING**



FIGURE
AOC10-A3.20

AOC 10
SCOURING 5 - 10 FEET BELOW GROUND SURFACE
CHROMIUM, HEXAVALENT



BACKGROUND THRESHOLD VALUE: 0.83 MG/KG

LEGEND:
CHROMIUM, HEXAVALENT
(MG/KG)

-  NOT DETECTED
-  0.08 - 0.11
-  ≥ 0.12 - 0.21
-  ≥ 0.22 - 0.54
-  ≥ 0.55 - 0.92
-  ≥ 0.93 - 1.40

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**

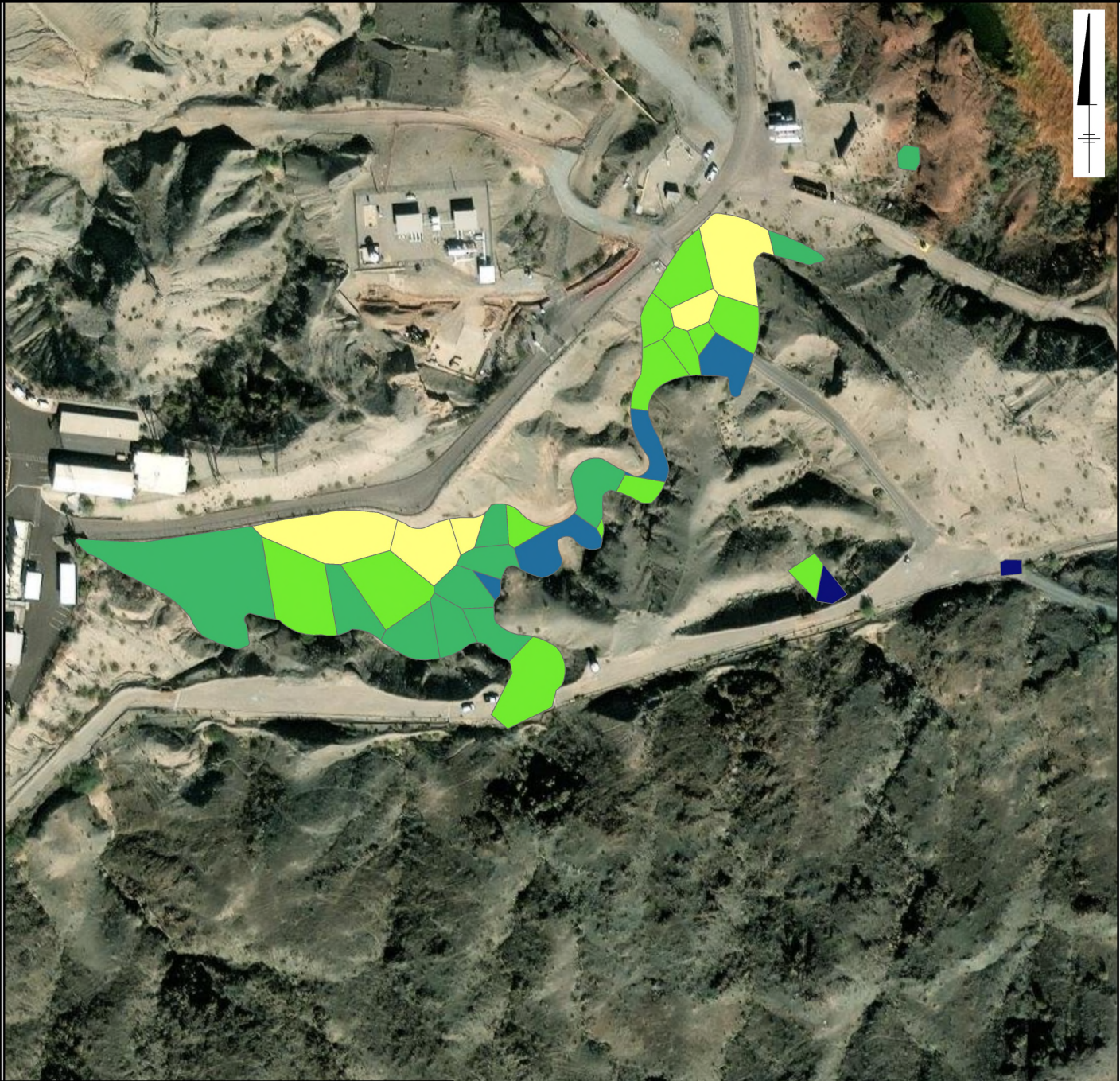


FIGURE
AOC10-A3.21

AOC 10

SCOURING 5 - 10 FEET BELOW GROUND SURFACE

CHROMIUM, TOTAL

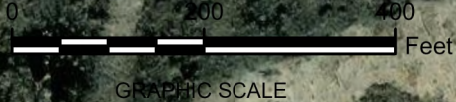


BACKGROUND THRESHOLD VALUE: 39.8 MG/KG

LEGEND:
CHROMIUM, TOTAL (MG/KG)

	NOT DETECTED
	7.36 - 19.00
	≥ 19.01 - 30.80
	≥ 30.81 - 47.00
	≥ 47.01 - 92.00
	≥ 92.01 - 170.00

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.



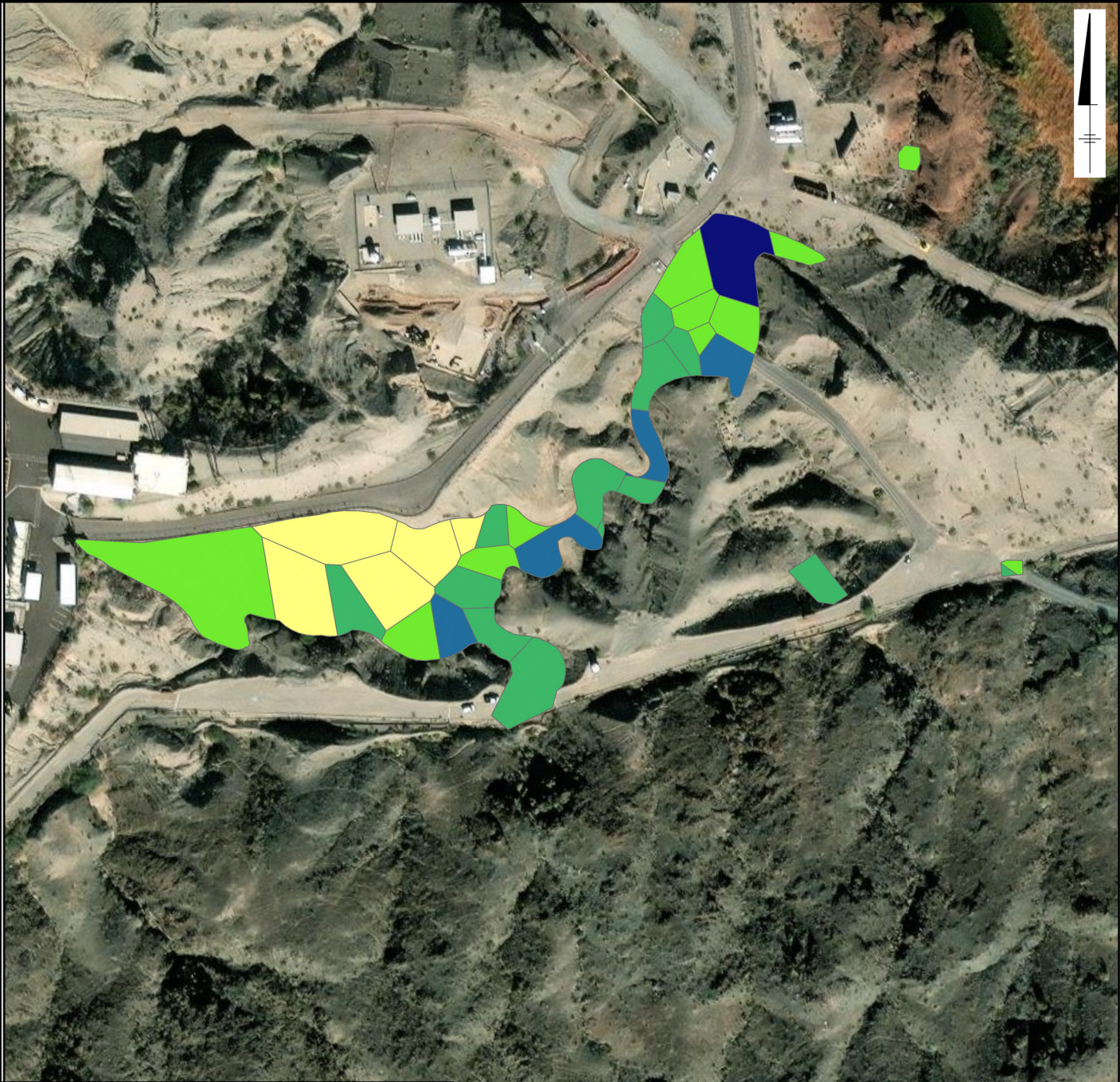
PG&E TOPOCK COMPRESSOR STATION
NEEDLES, CALIFORNIA

SOIL HUMAN HEALTH AND
ECOLOGICAL RISK ASSESSMENT ADDENDUM

**THIESSEN POLYGONS FOR
AREA WEIGHTING**

FIGURE
AOC10-A3.22

AOC 10 SCOURING 5 - 10 FEET BELOW GROUND SURFACE COPPER

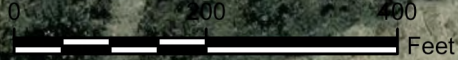


BACKGROUND THRESHOLD VALUE: 16.8 MG/KG

LEGEND:
COPPER (MG/KG)

	NOT DETECTED
	5.78 - 10.00
	≥ 10.01 - 13.00
	≥ 13.01 - 17.00
	≥ 17.01 - 25.00
	≥ 25.01 - 41.00

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.



GRAPHIC SCALE

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

**THIESSEN POLYGONS FOR
AREA WEIGHTING**

T:\ENVPGE_Topock\ArcPro\SHHERAA\SHHERAA.aprx Thiesen_Mapbook.aprx Saved: 11/11/2024 kinsabaugh