

Appendix 2:

3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices

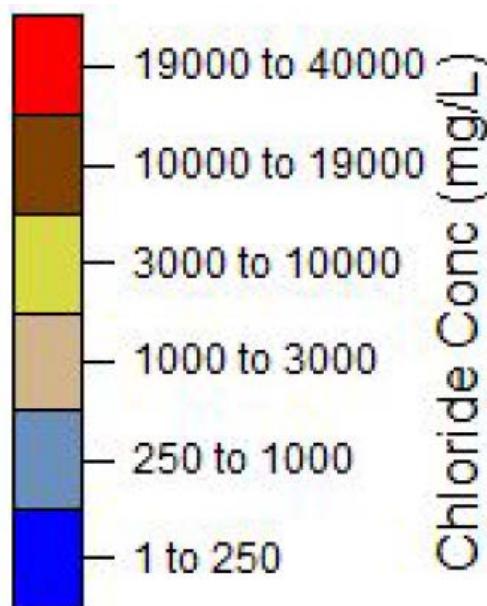
Page

A2-CL-3 – A2-CL-53

This document presents 3D voxel depth slices (in meters and feet) from both the 2017 and 2019 MCWD investigations that can be used to compare and contrast differences. The depths range from the surface to -320 m/-1050 ft. Chloride concentrations are based on *Fitterman and Prinos (2011). The chloride concentrations derived are based on inverted AEM resistivities below a 75 ohm-m cutoff, the indicated top of the water table in those areas where there are surficial resistivities above 75 ohm-m.

*Fitterman, D.V., and Prinos, S.T., 2011, Results of time-domain electromagnetic soundings in Miami-Dade and southern Broward Counties, Florida: U.S. Geological Survey Open-File Report 2011-1299, 289 p. <https://pubs.usgs.gov/of/2011/1299/>

Chloride Concentration Color Scale:



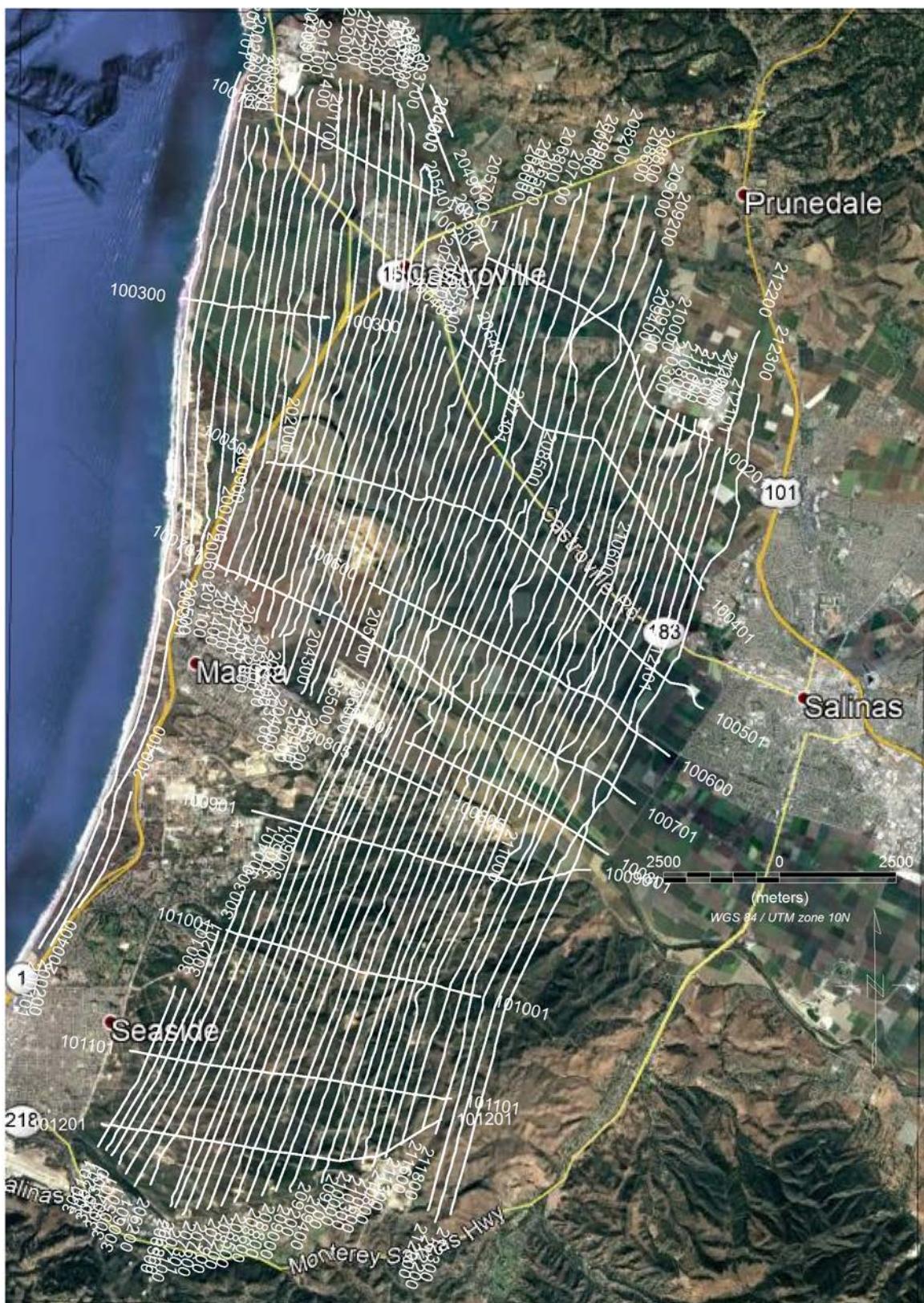
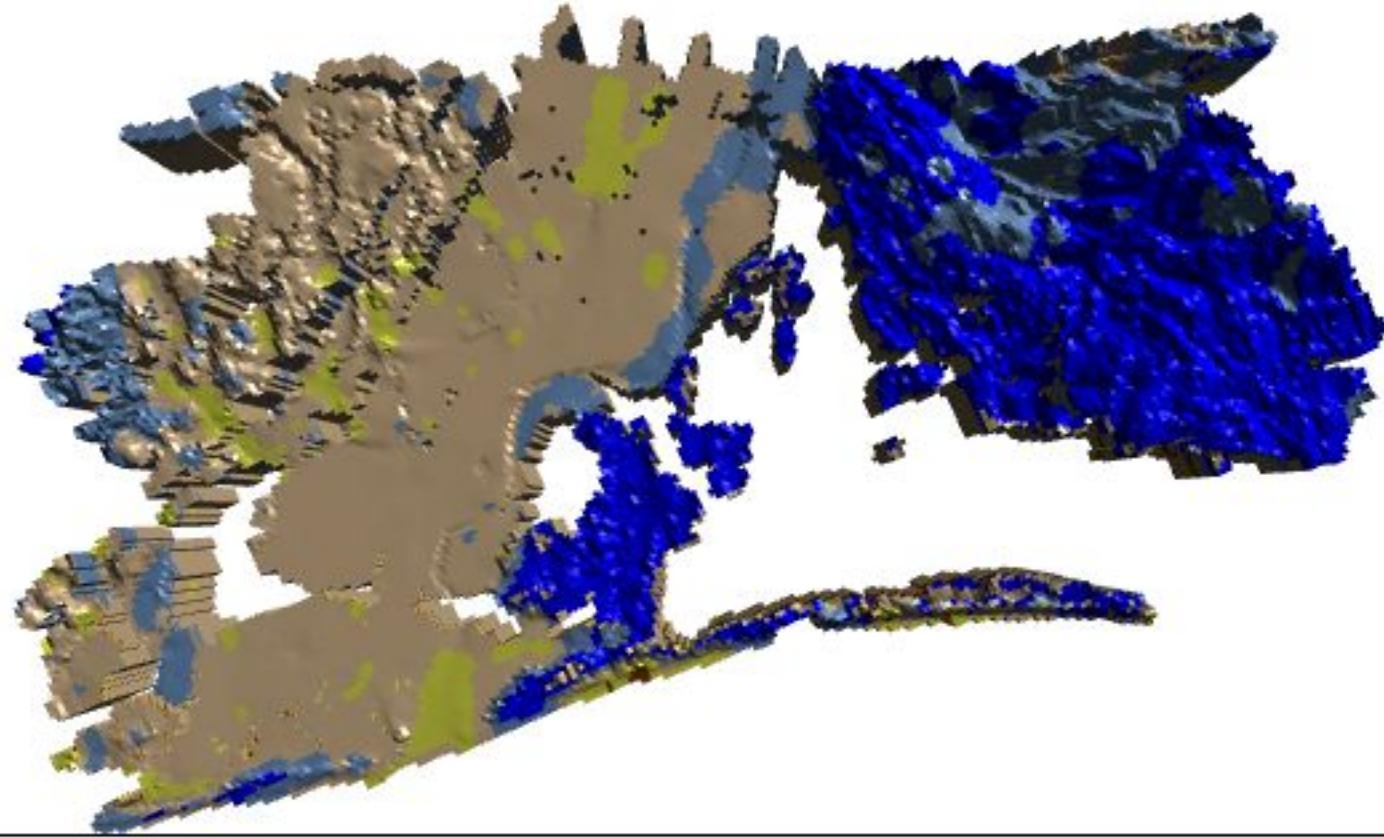


Figure A2-CL-1. Map of 2019 MCWD AEM flight lines with labels.

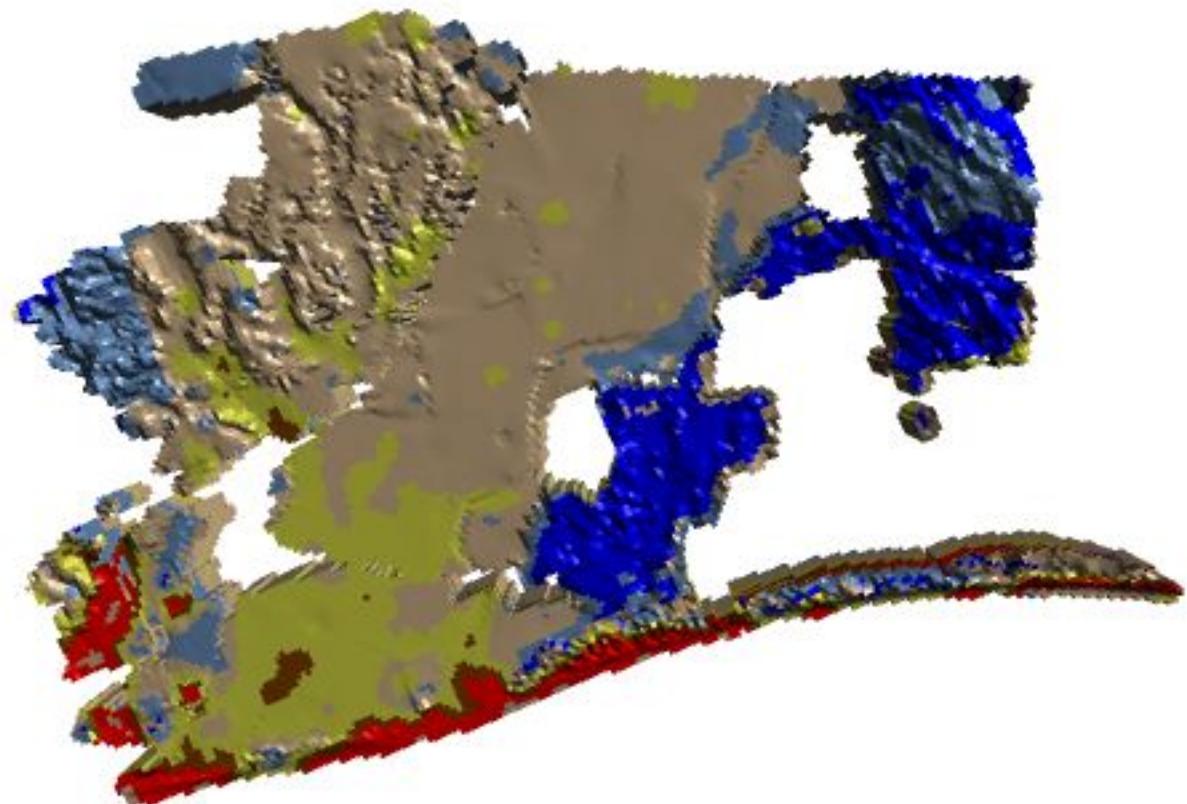
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



0 m/0 ft

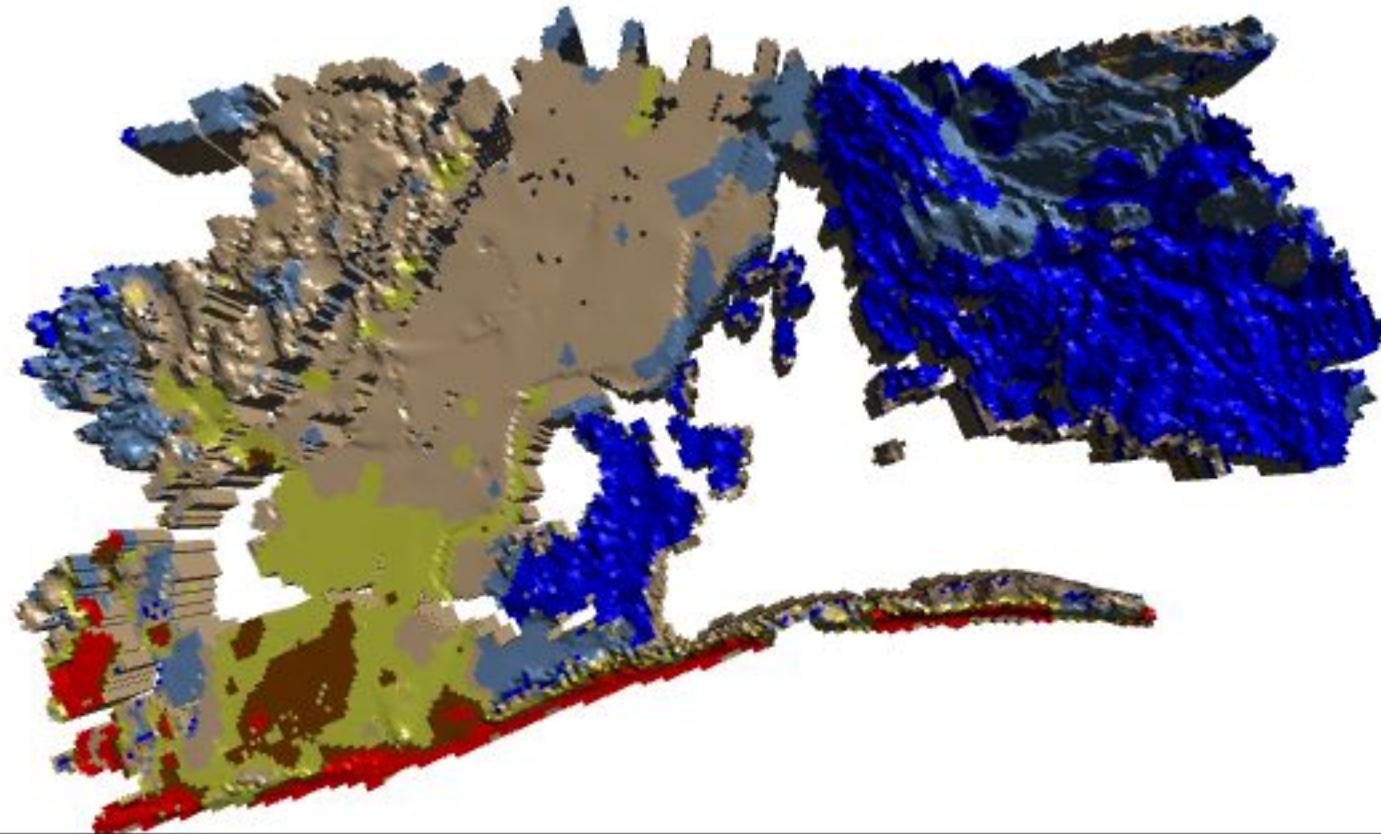
3D Map - 2017 CL Concentration



A2-CL-3

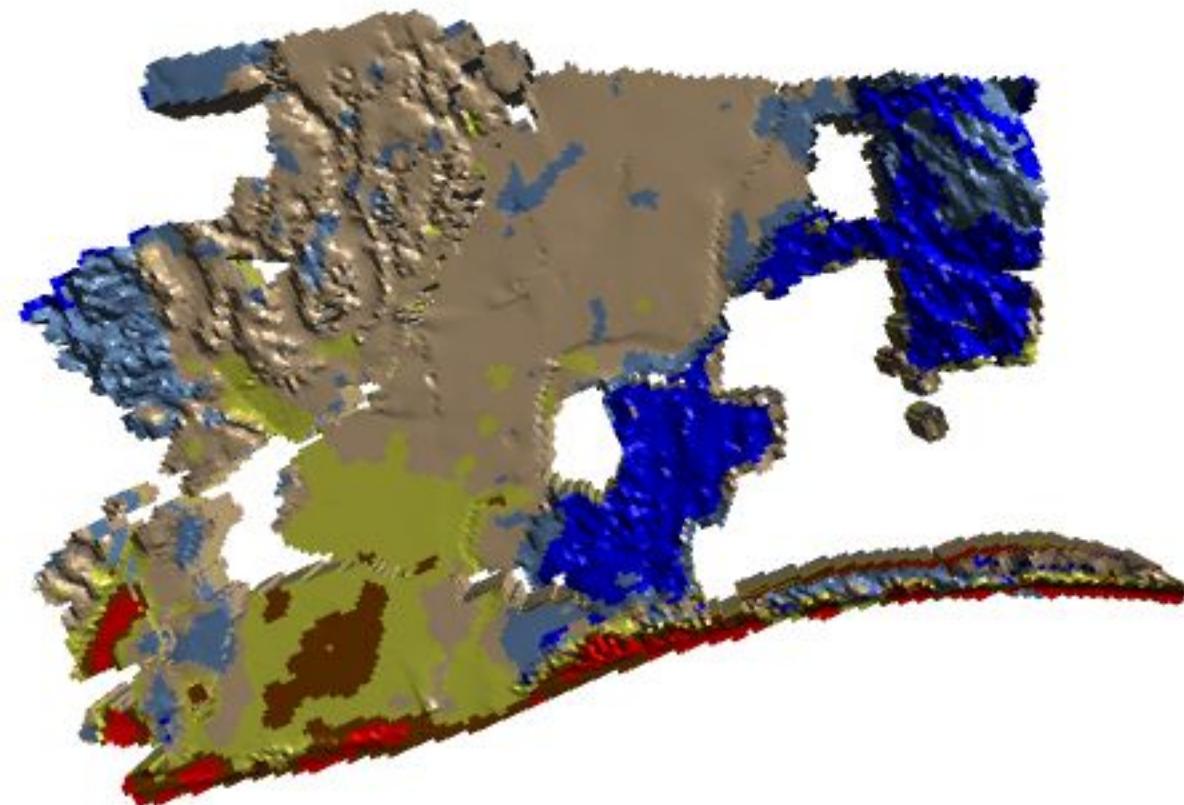
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-4 m/-13 ft

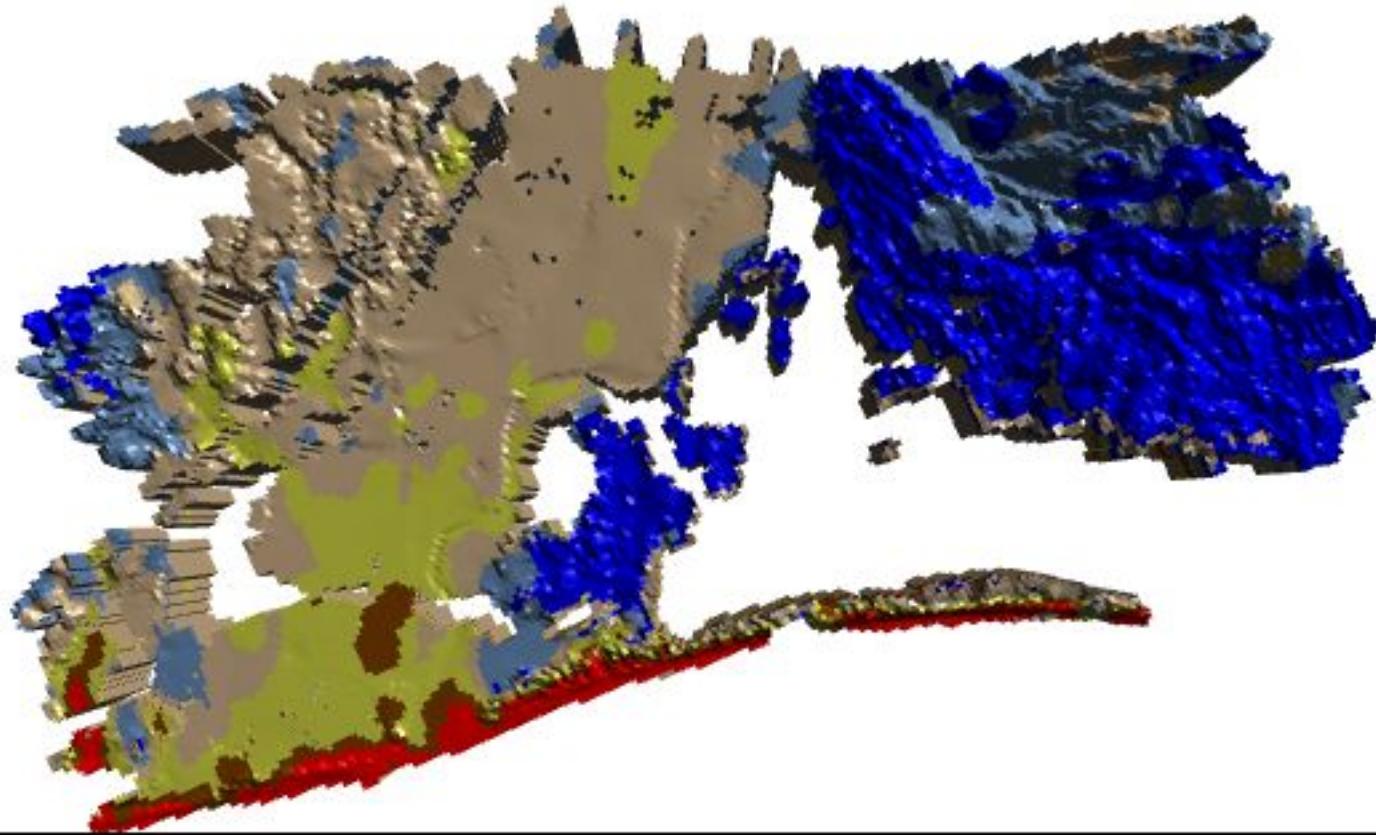
3D Map - 2017 CL Concentration



A2-CL-4

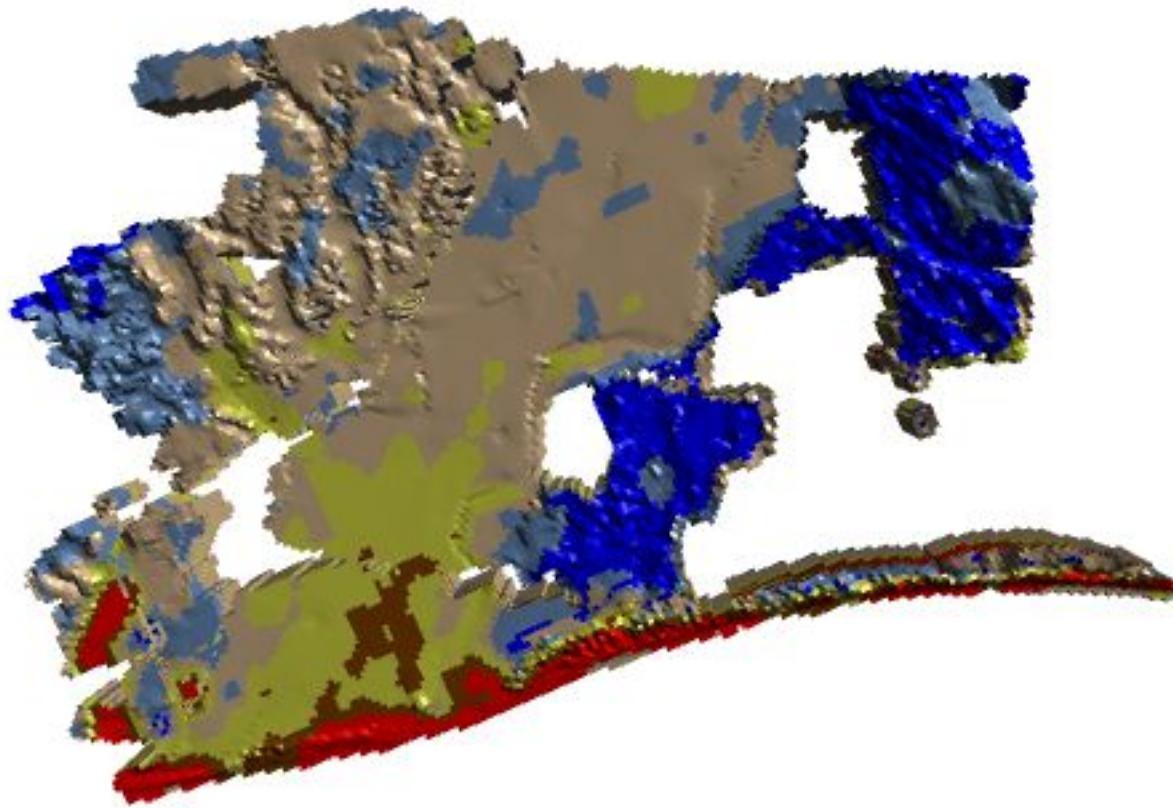
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



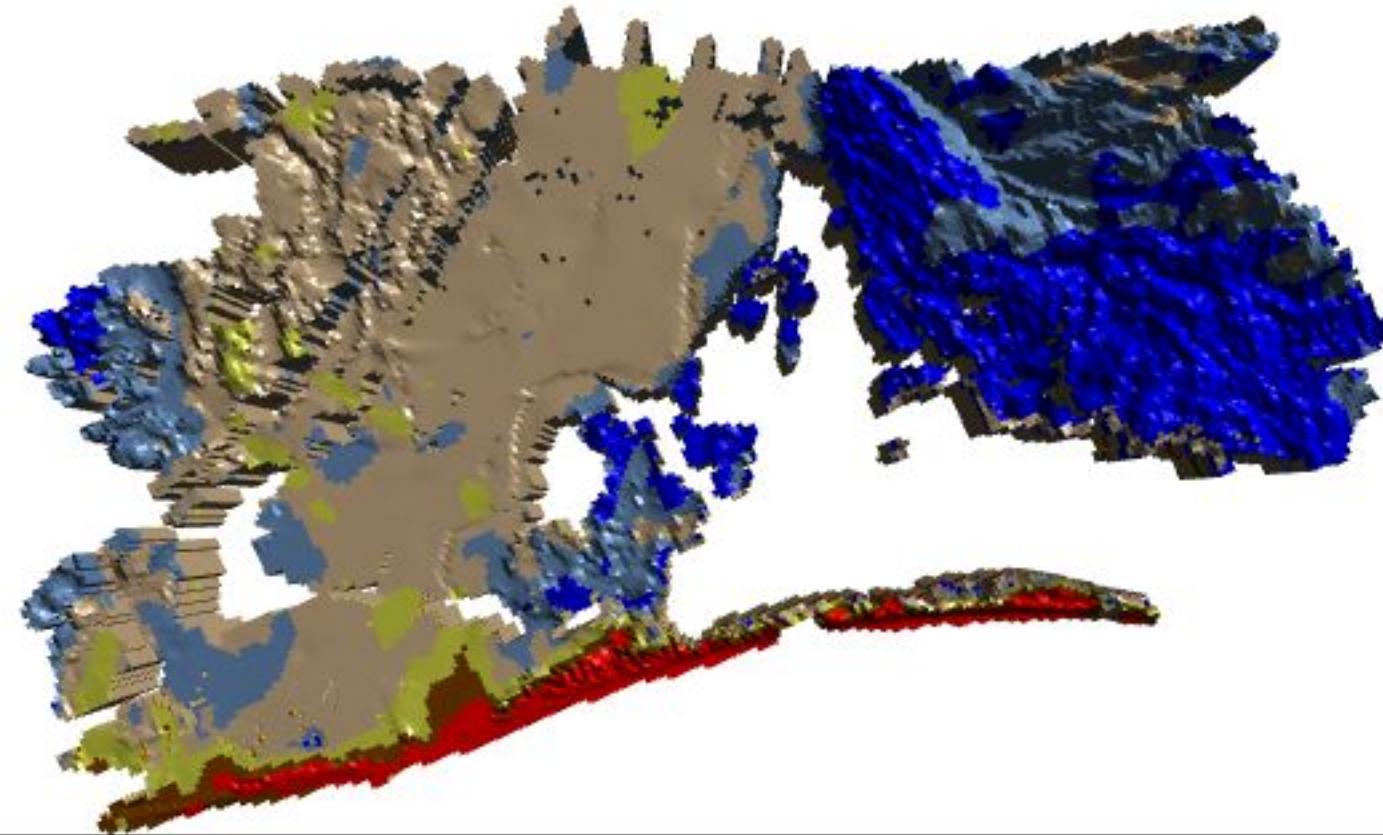
-8 m/-26 ft

3D Map - 2017 CL Concentration



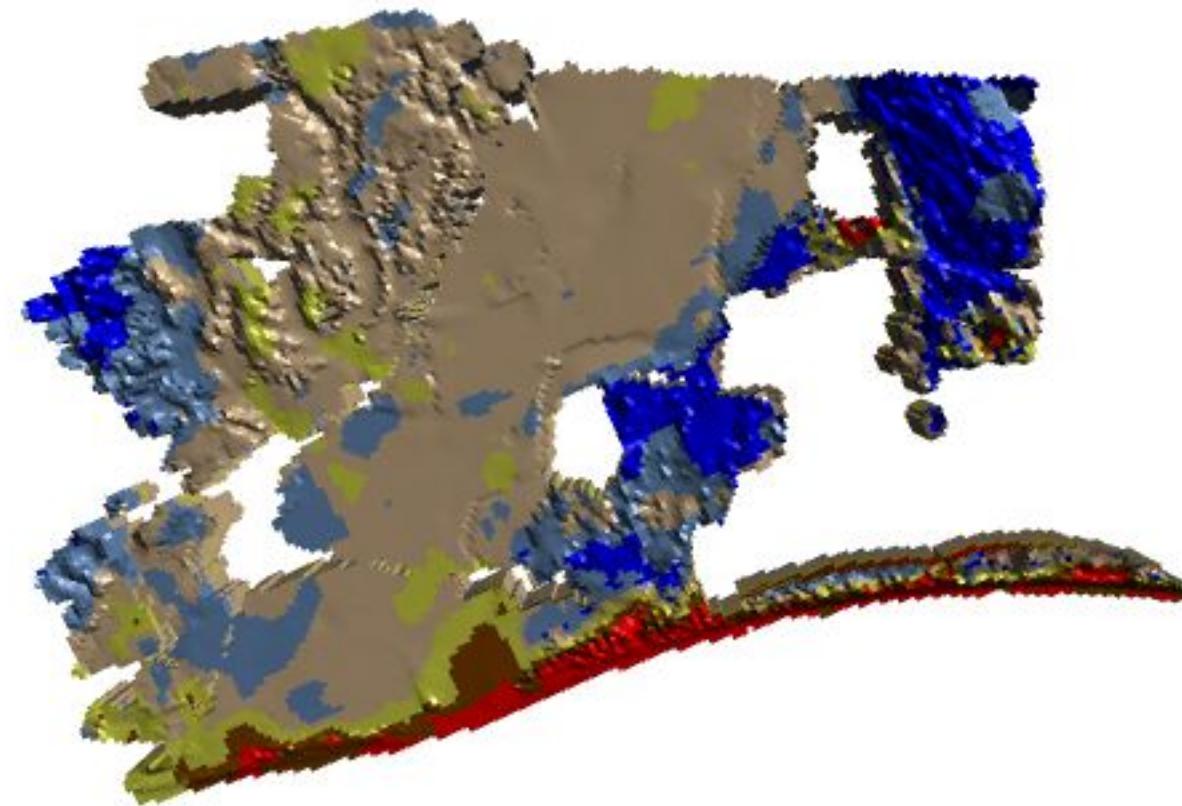
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-14 m/-46 ft

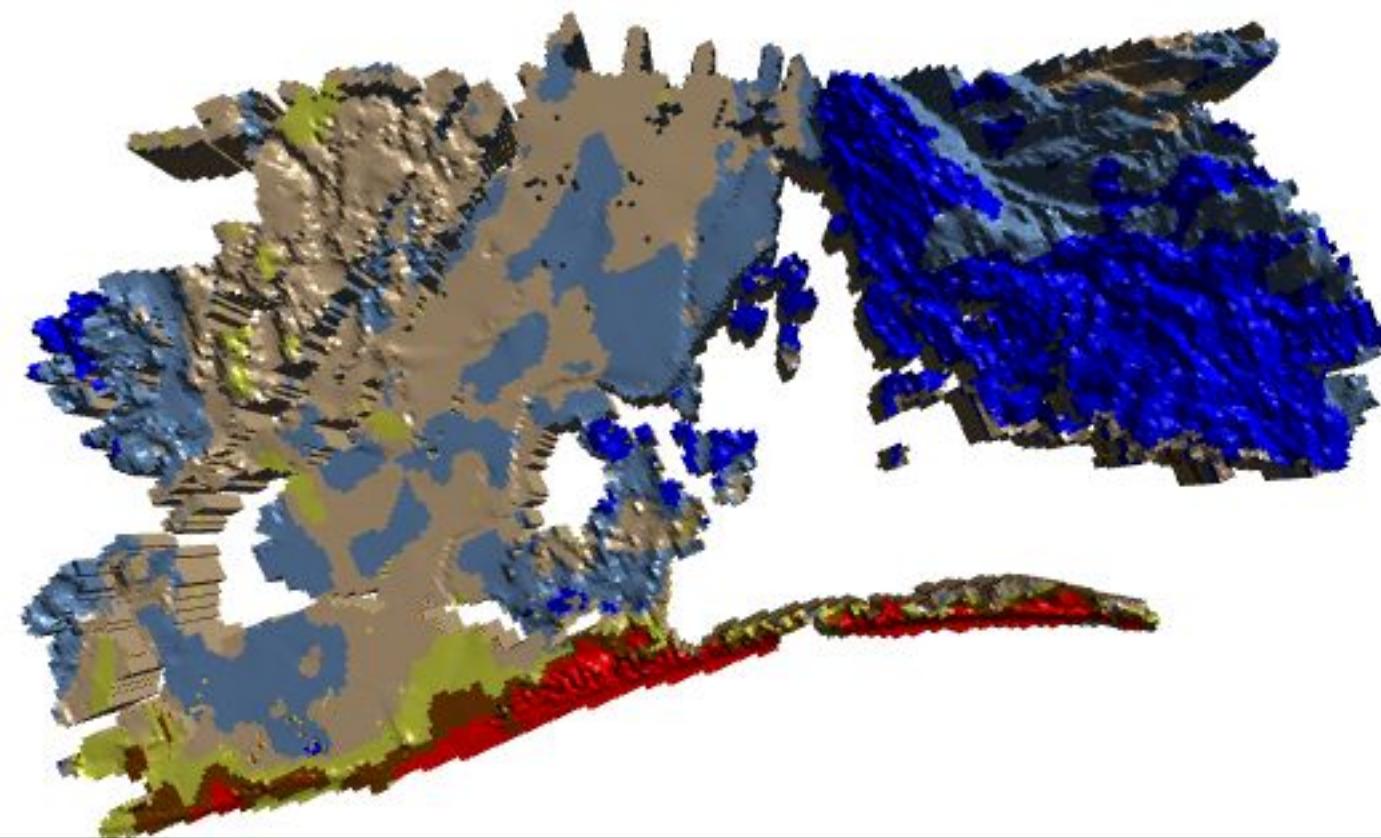
3D Map - 2017 CL Concentration



A2-CL-6

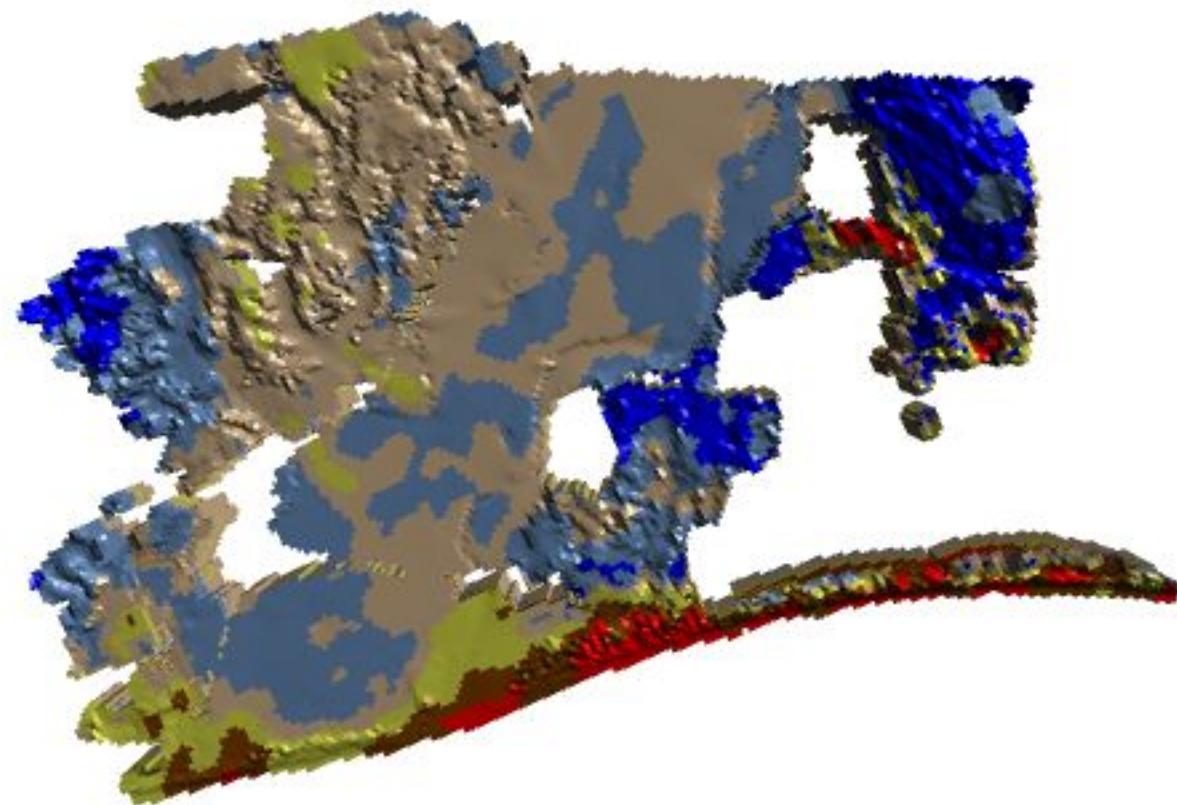
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices

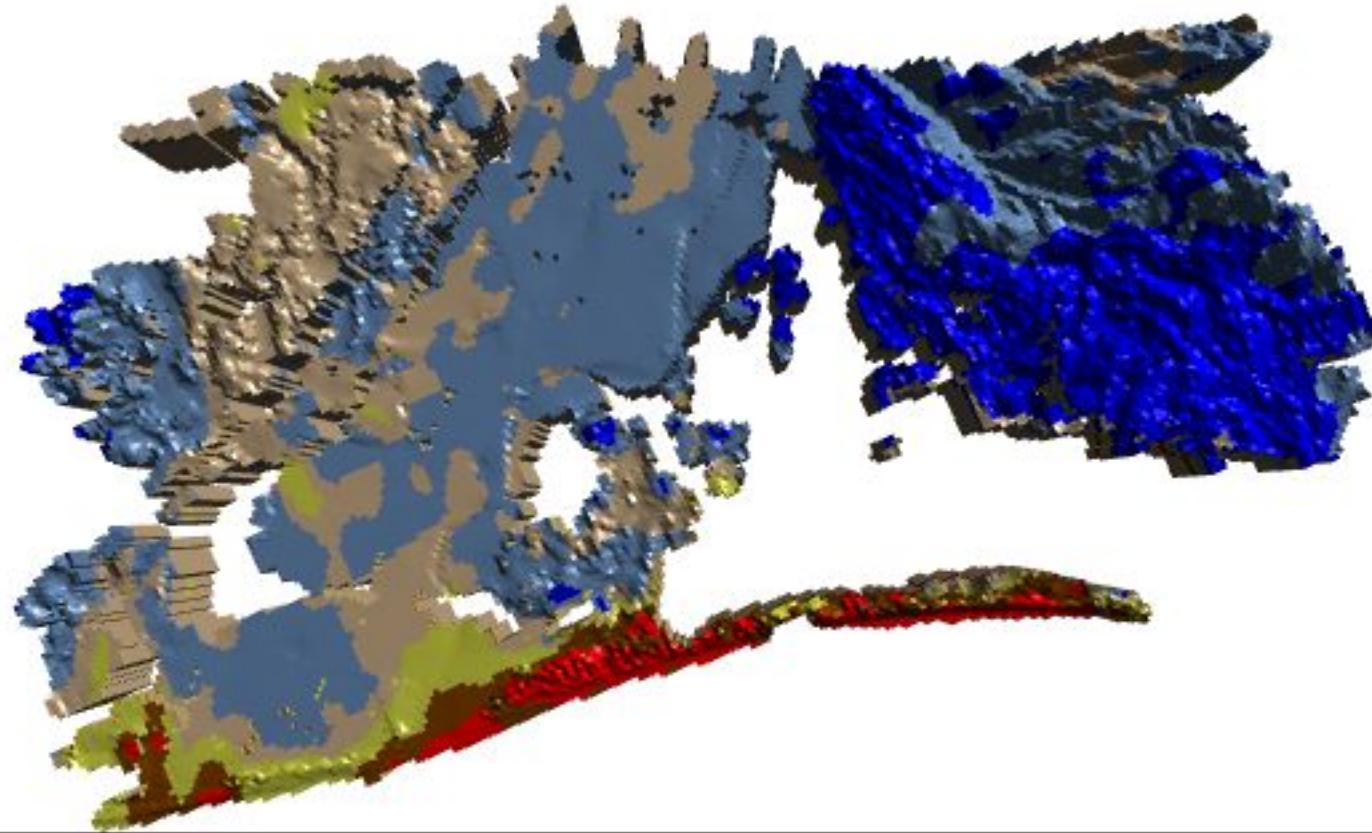


-17 m/-56 ft

3D Map - 2017 CL Concentration

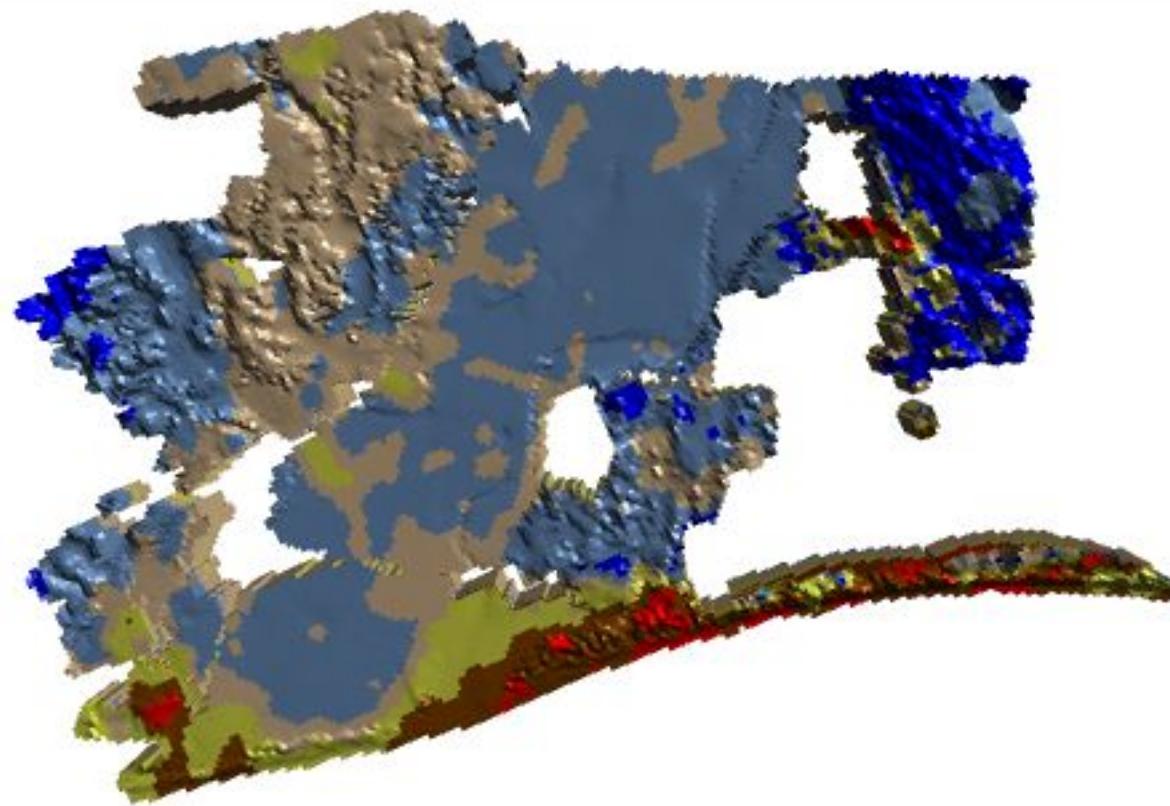


A2-CL-7



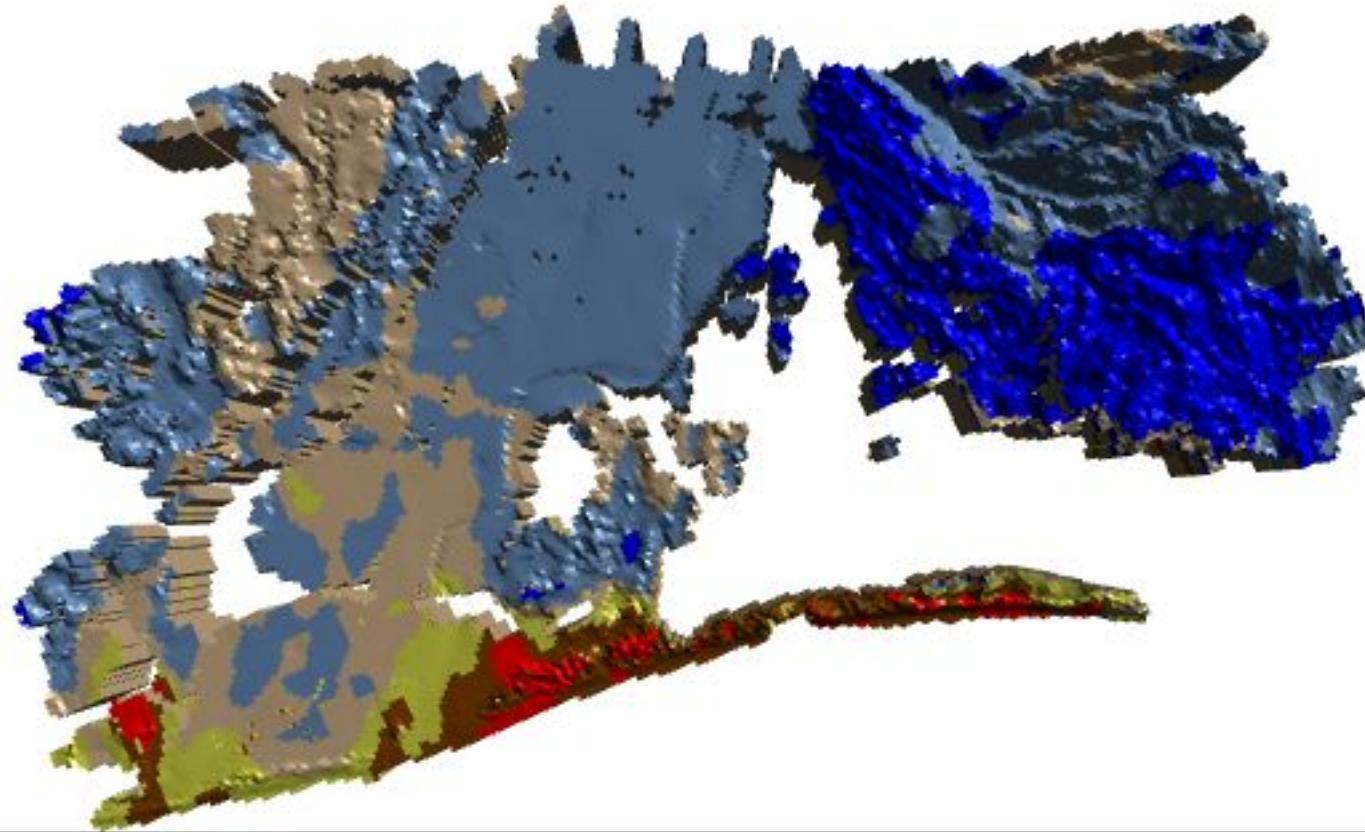
-23 m/-75 ft

3D Map - 2017 CL Concentration



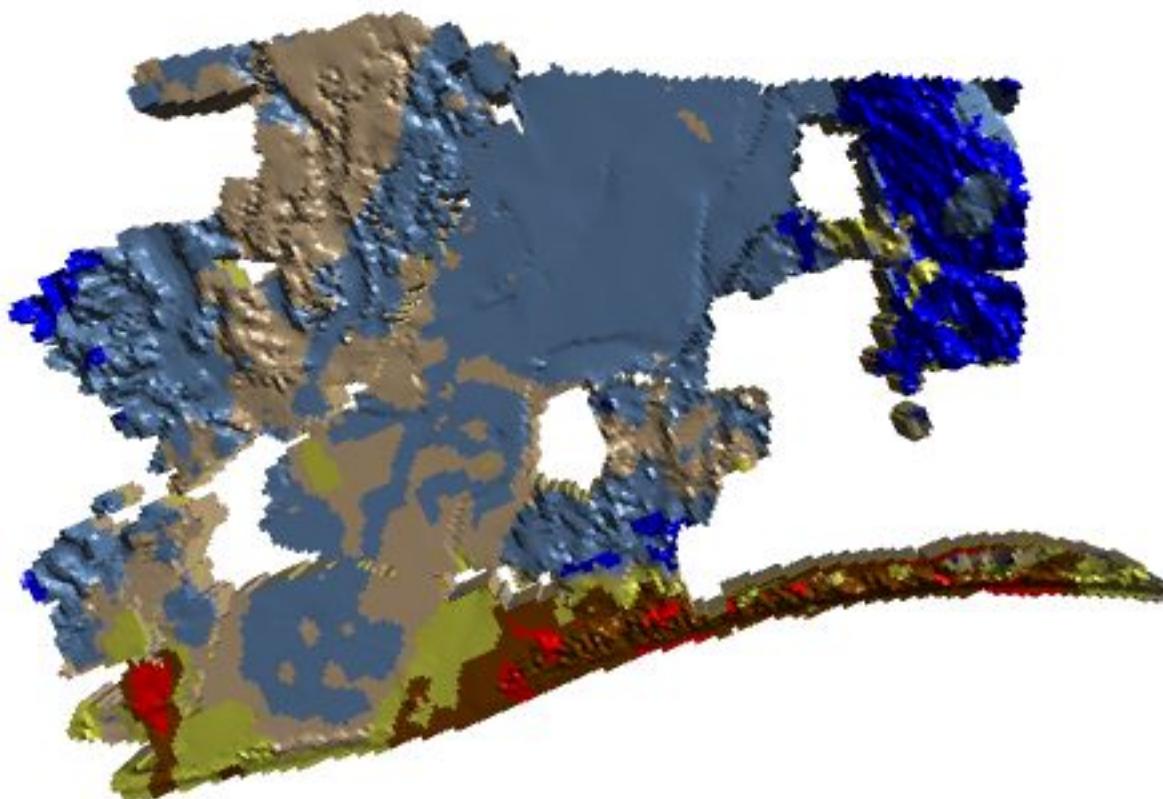
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices

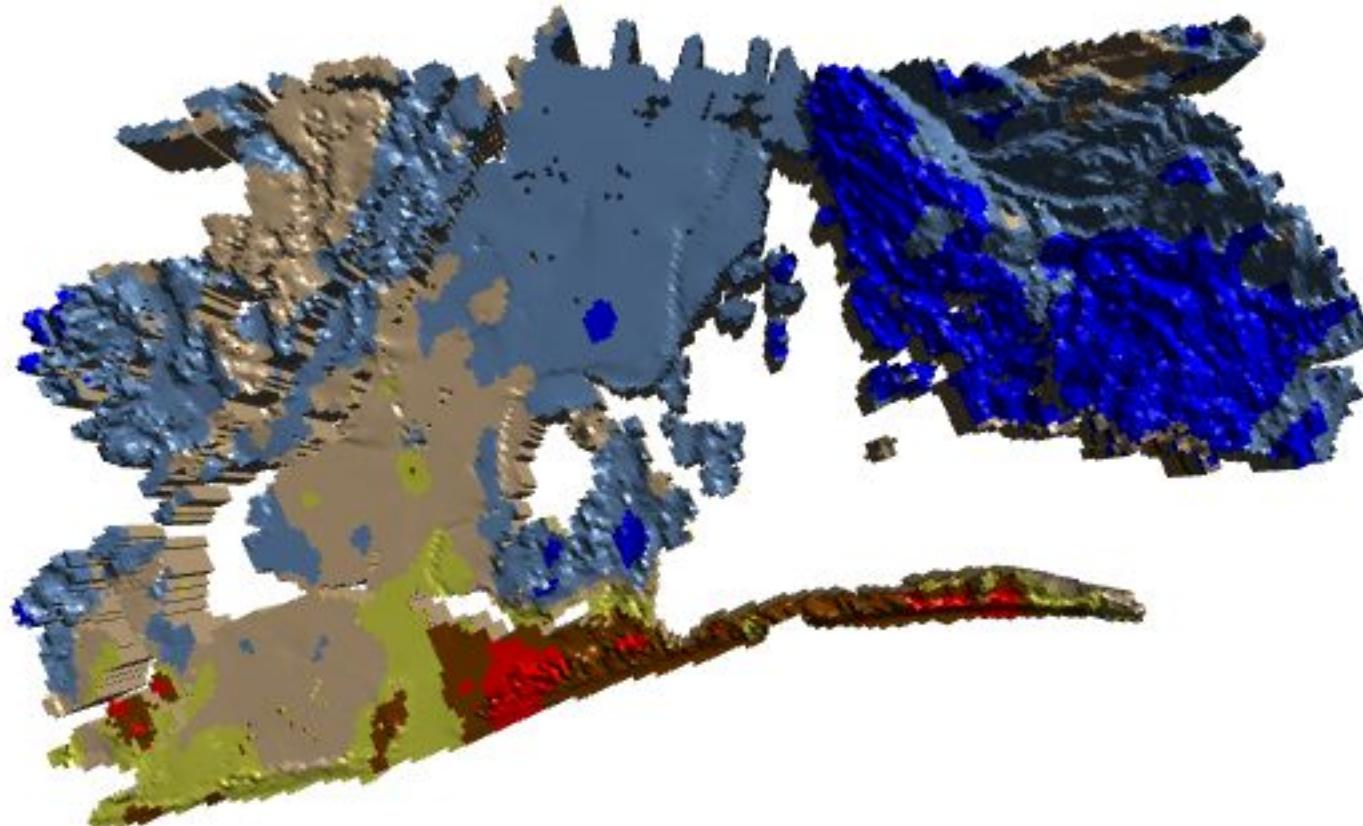


-28 m / -92 ft

3D Map - 2017 CL Concentration

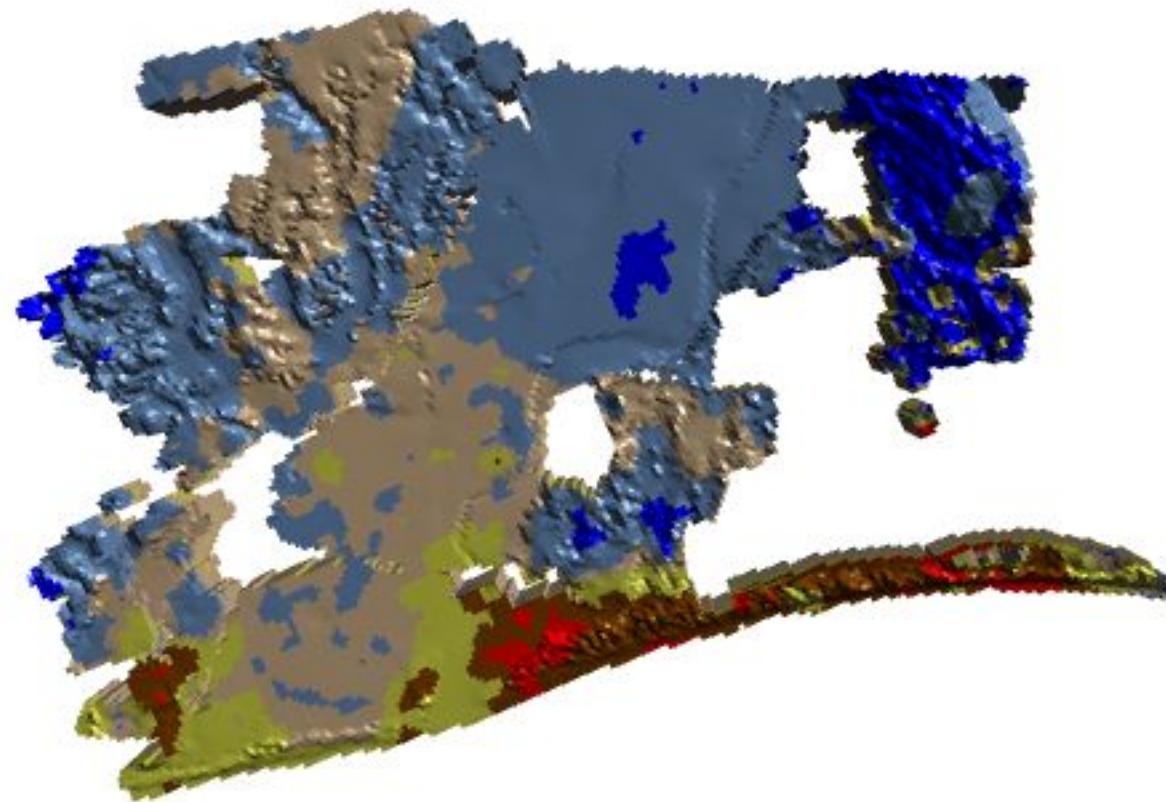


A2-CL-9



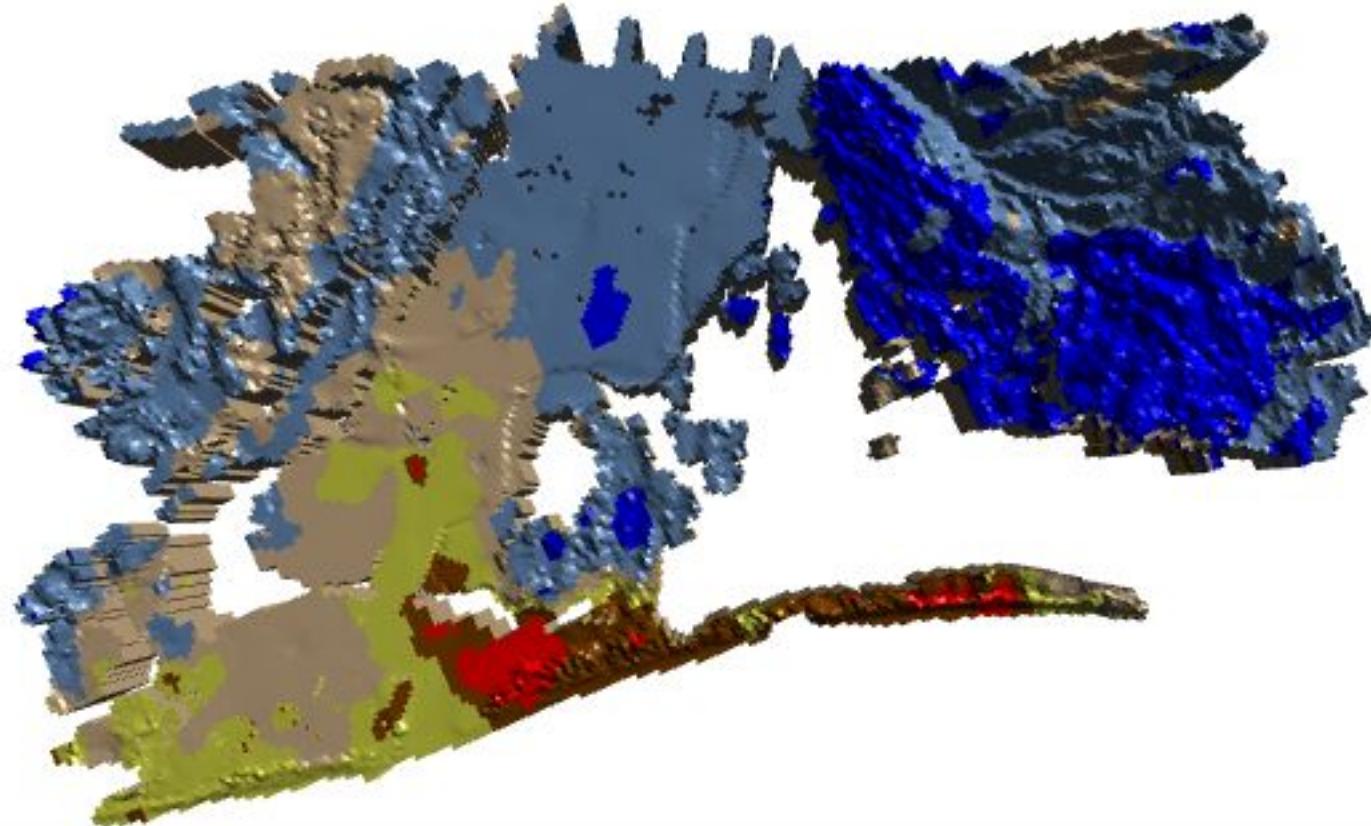
-32 m/-105 ft

3D Map - 2017 CL Concentration



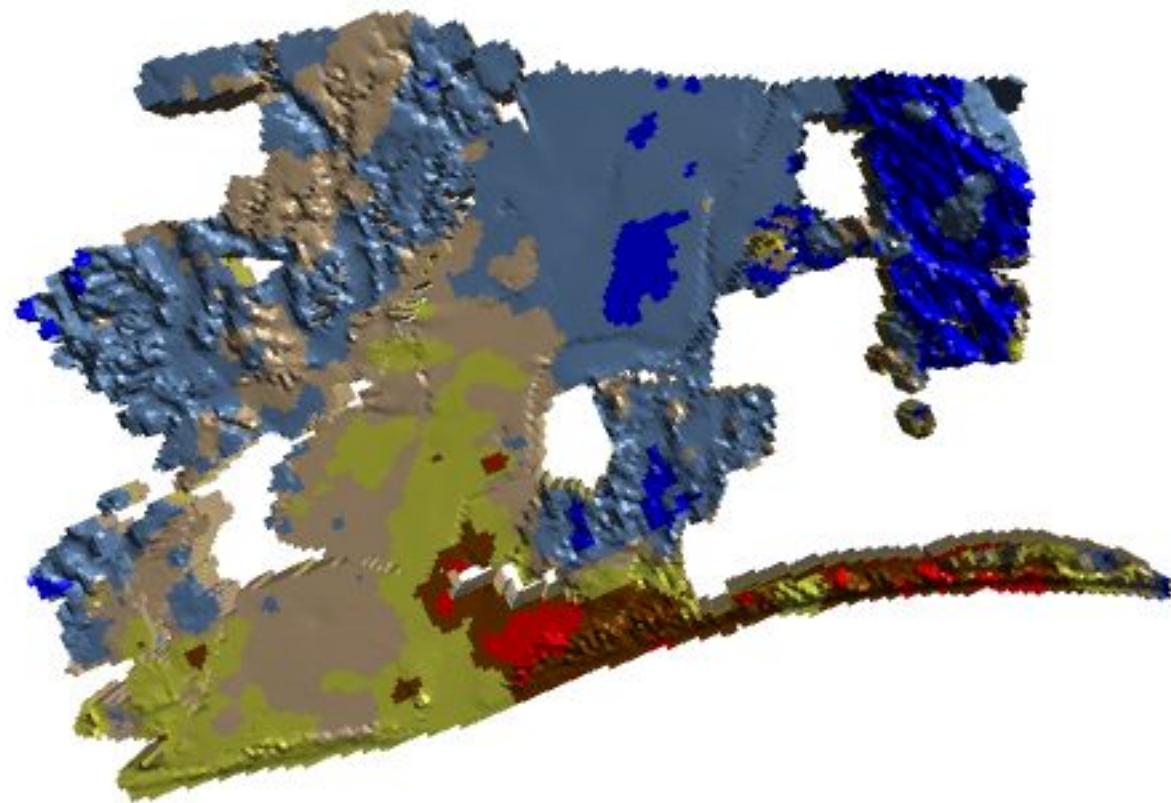
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-37 m/-121 ft

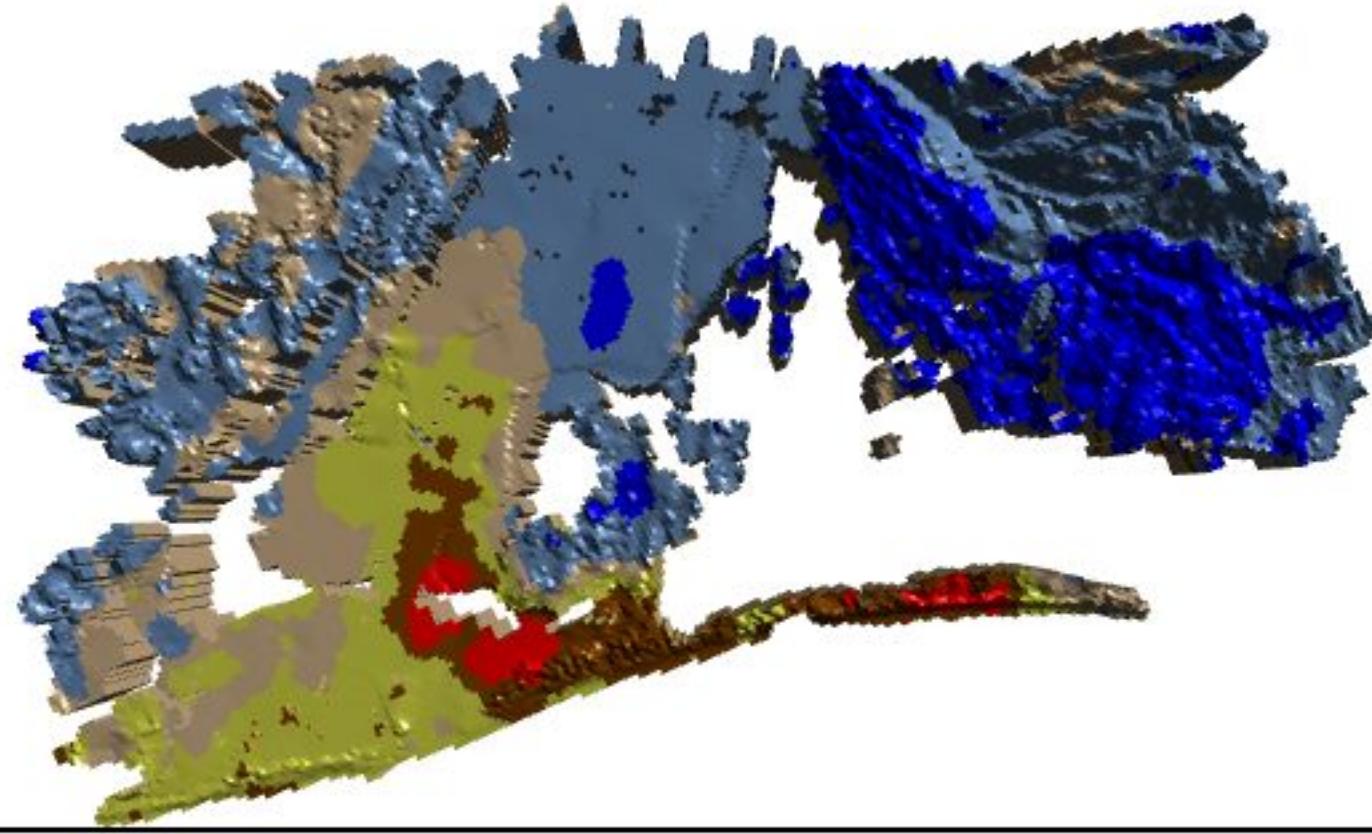
3D Map - 2017 CL Concentration



A2-CL-11

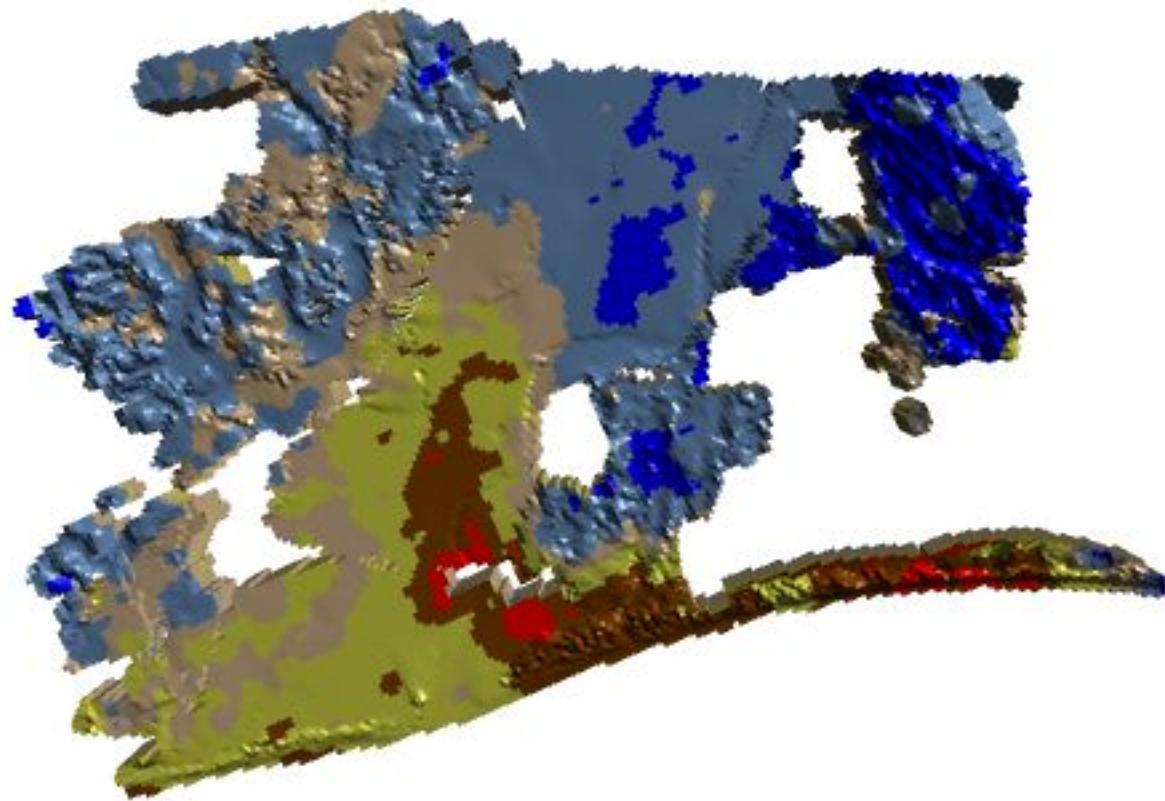
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices

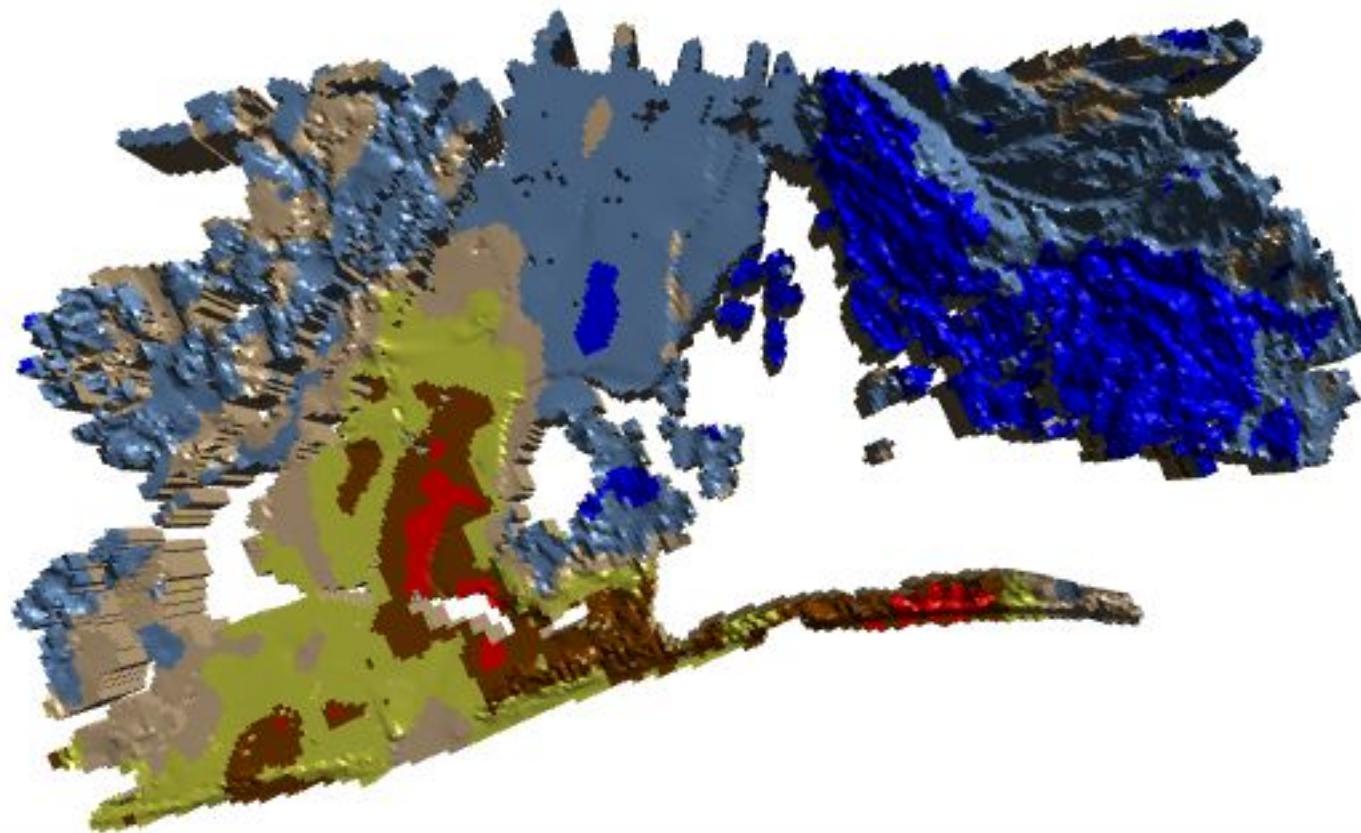


-43 m/-141 ft

3D Map - 2017 CL Concentration

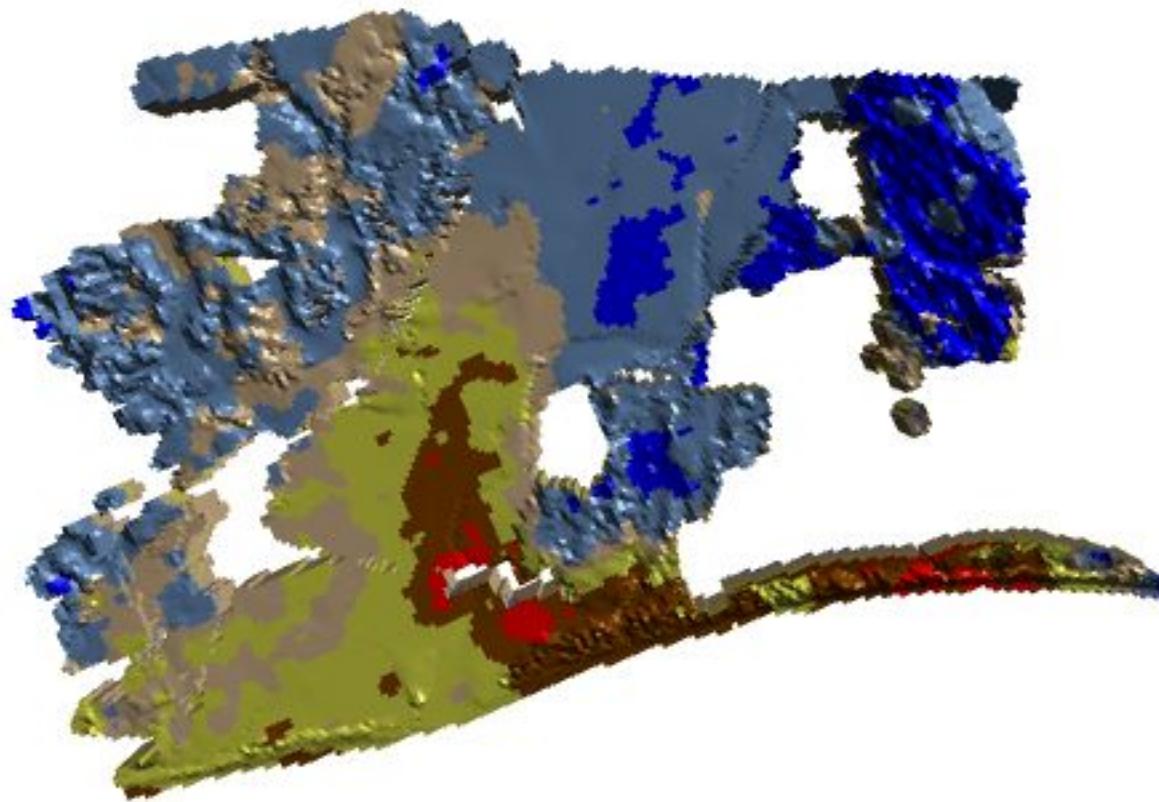


A2-CL-12



-47 m/-154 ft

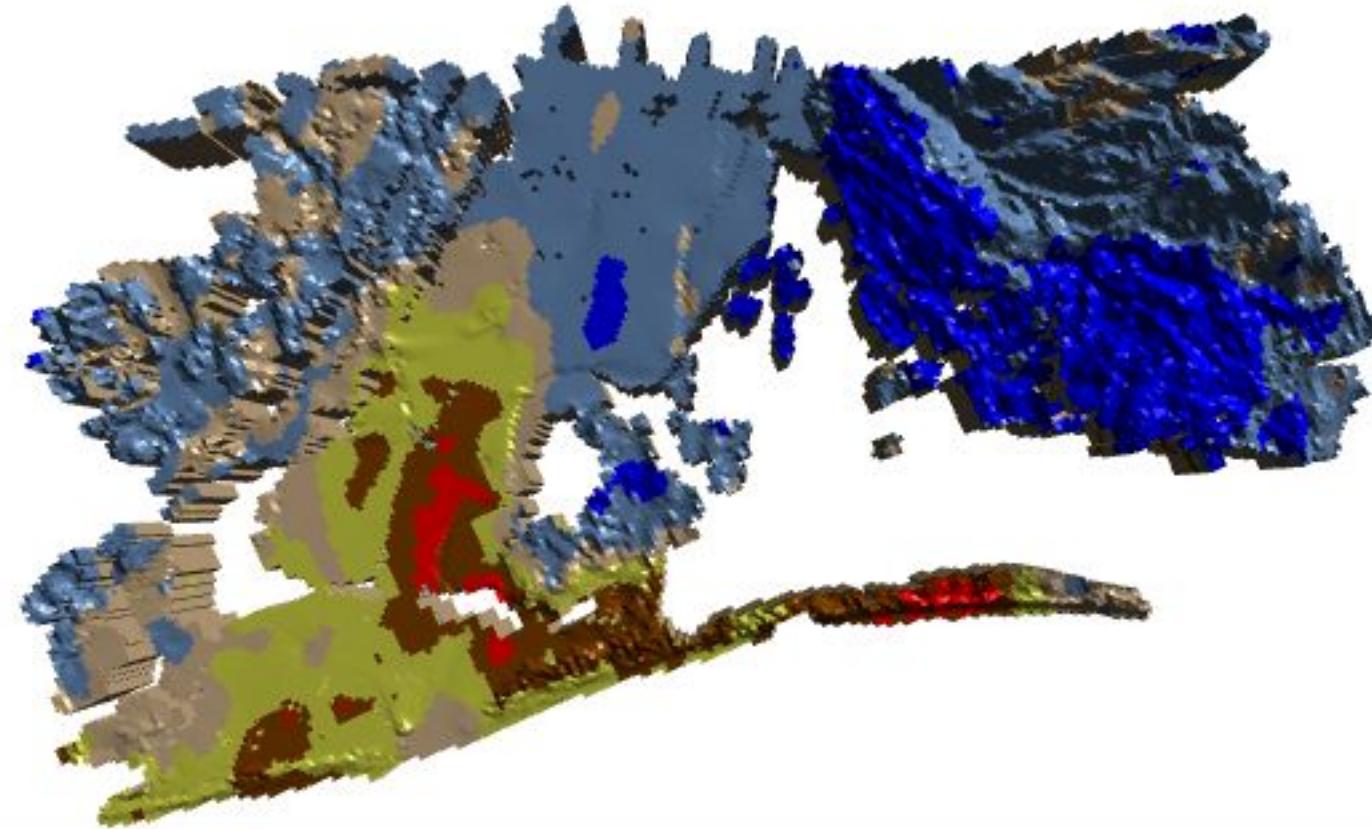
3D Map - 2017 CL Concentration



A2-CL-13

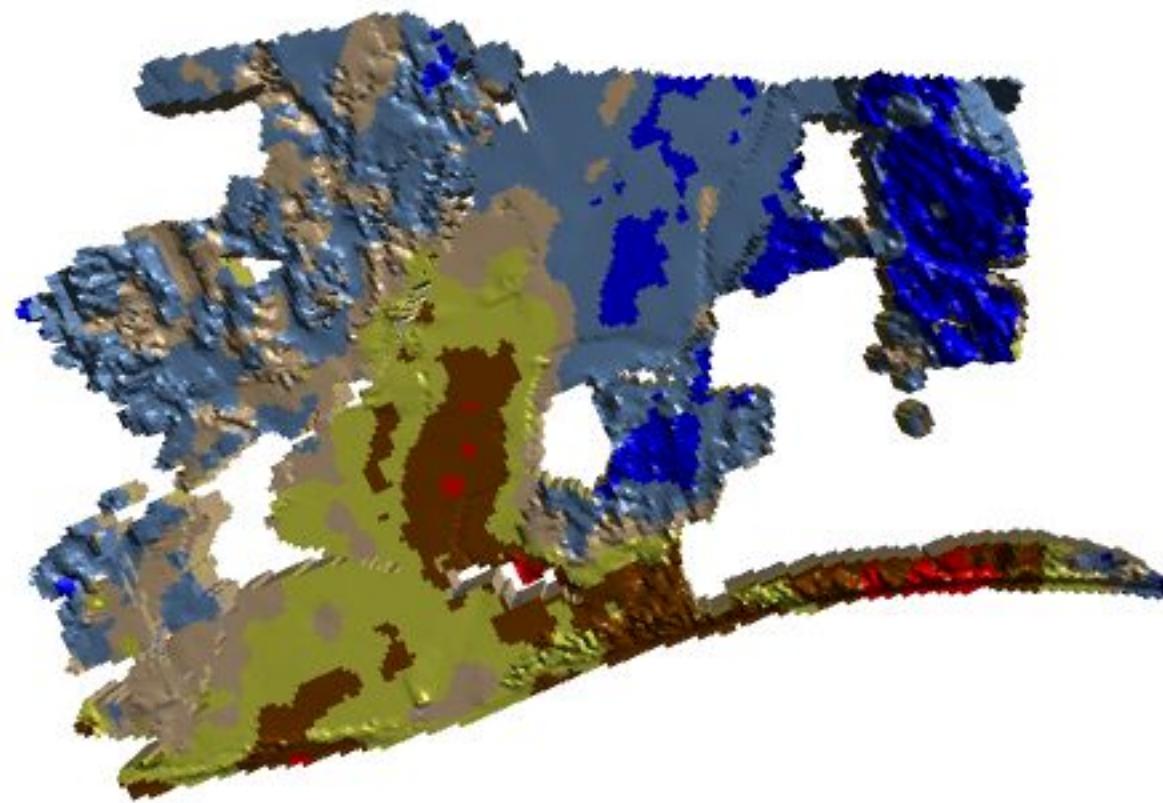
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-52 m/-171 ft

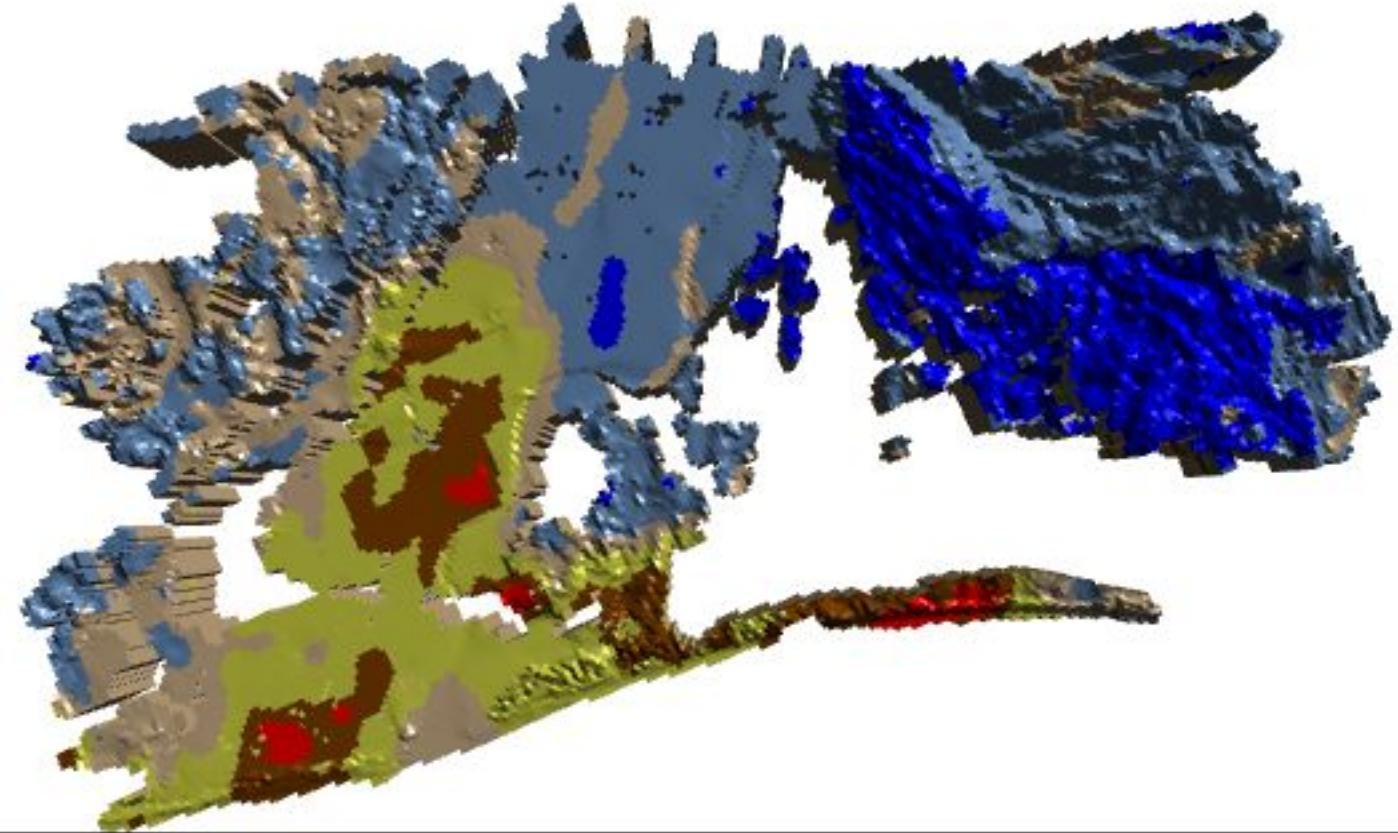
3D Map - 2017 CL Concentration



A2-CL-14

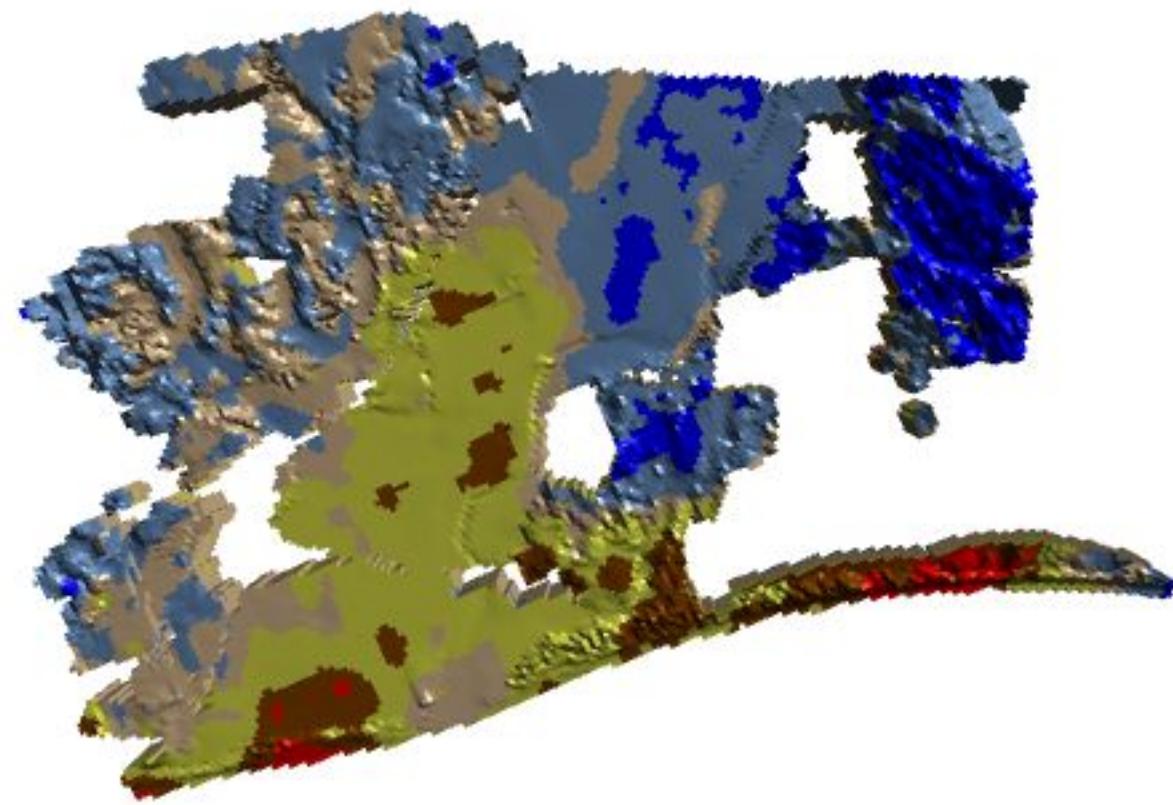
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-56 m / -184 ft

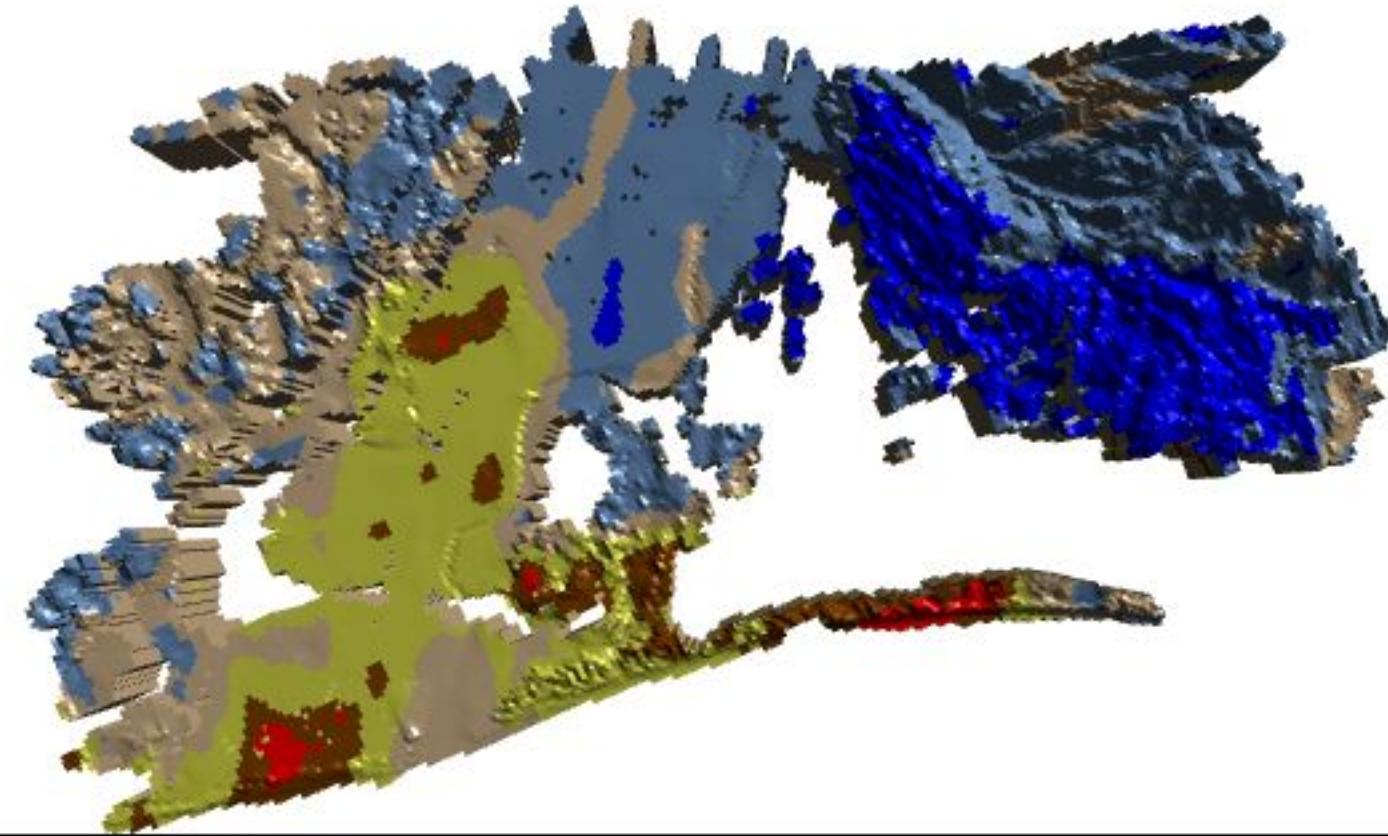
3D Map - 2017 CL Concentration



A2-CL-15

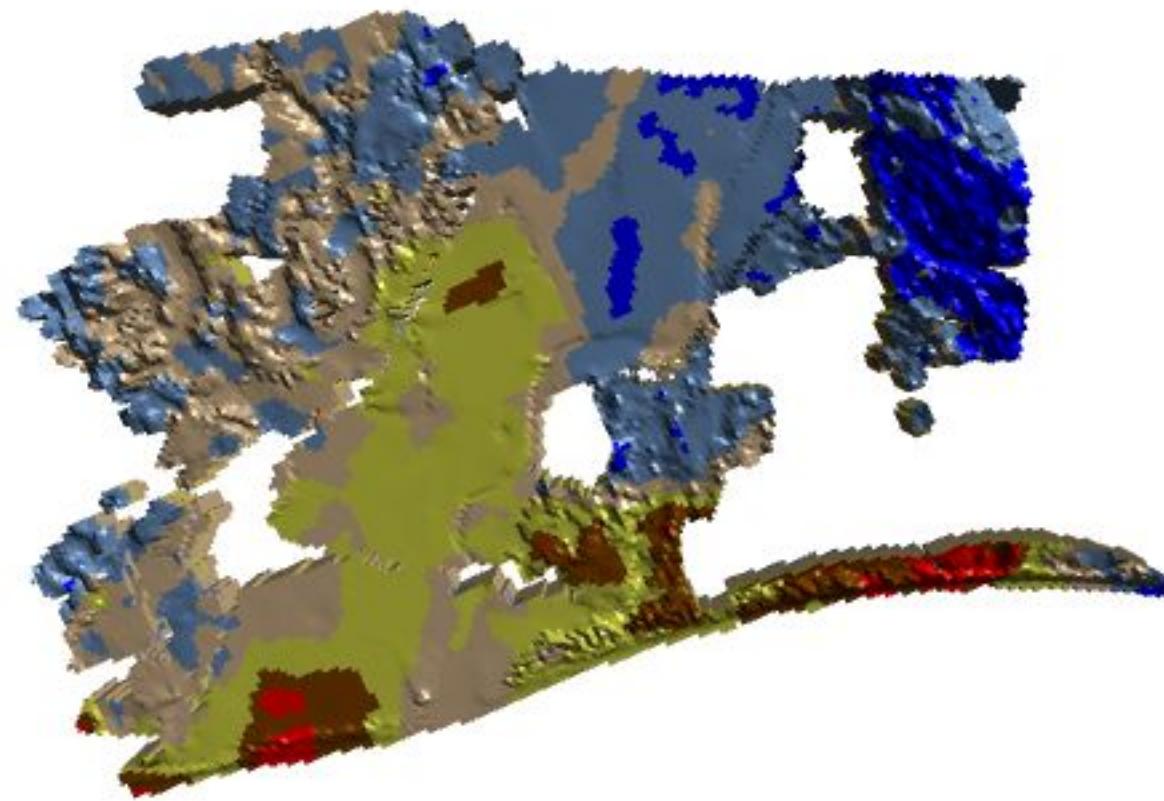
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-61 m/-200 ft

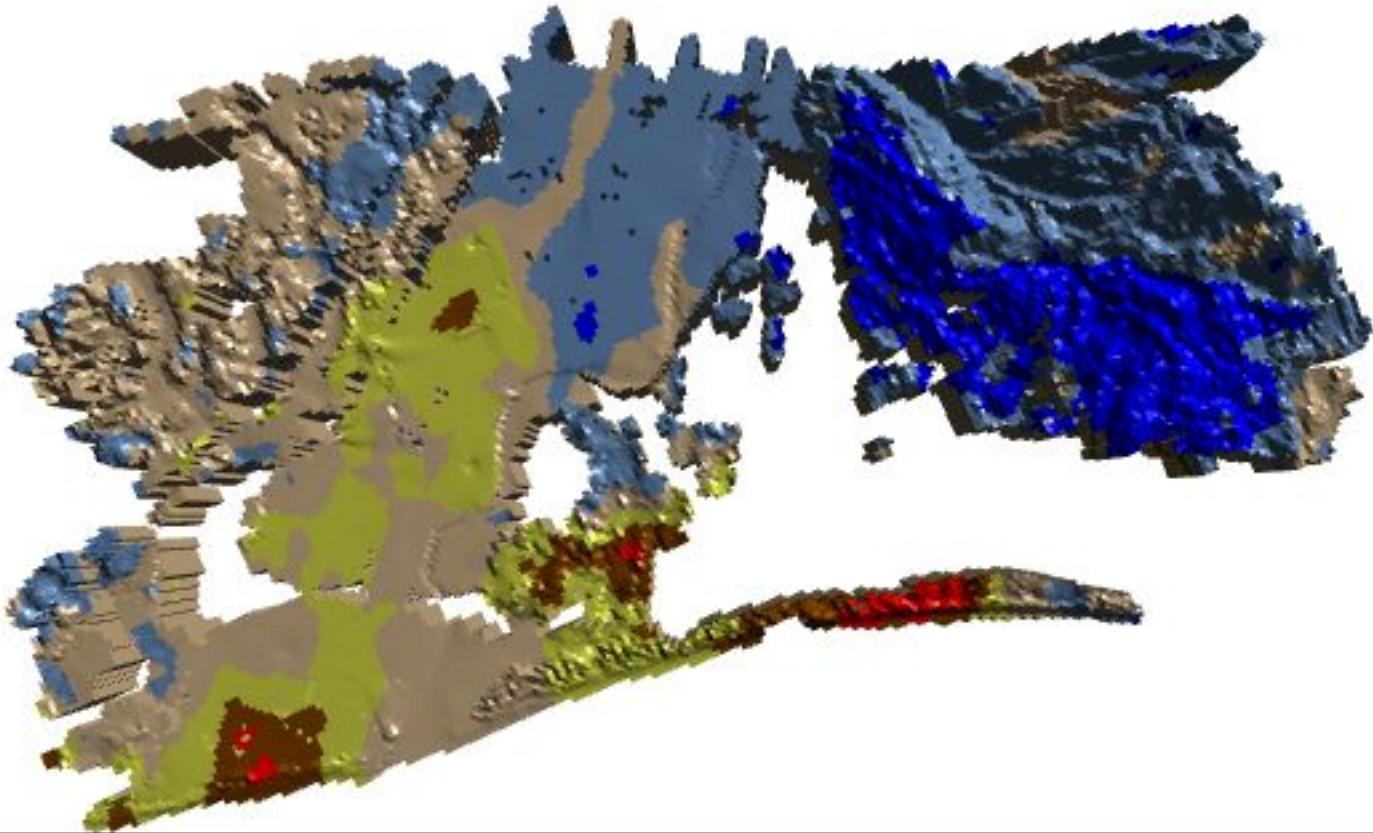
3D Map - 2017 CL Concentration



A2-CL-16

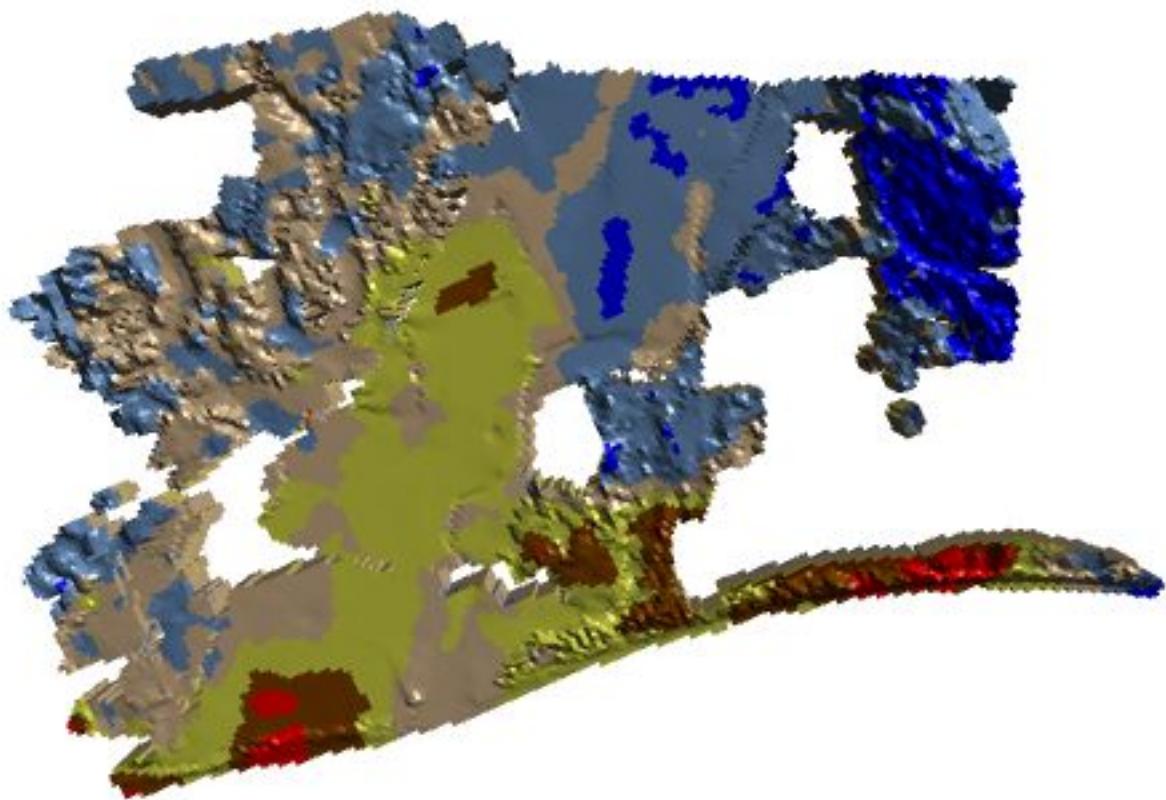
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-67 m/-220 ft

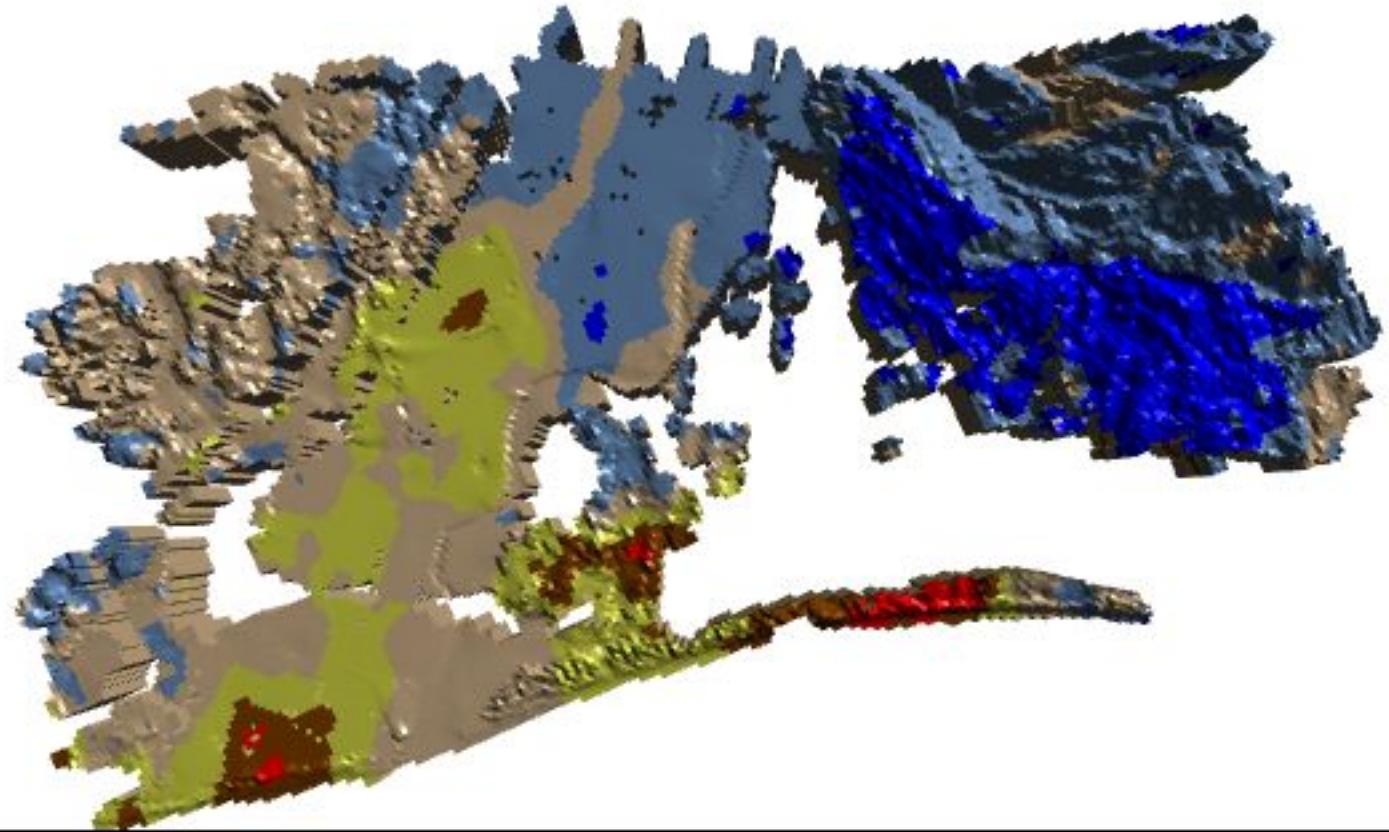
3D Map - 2017 CL Concentration



A2-CL-17

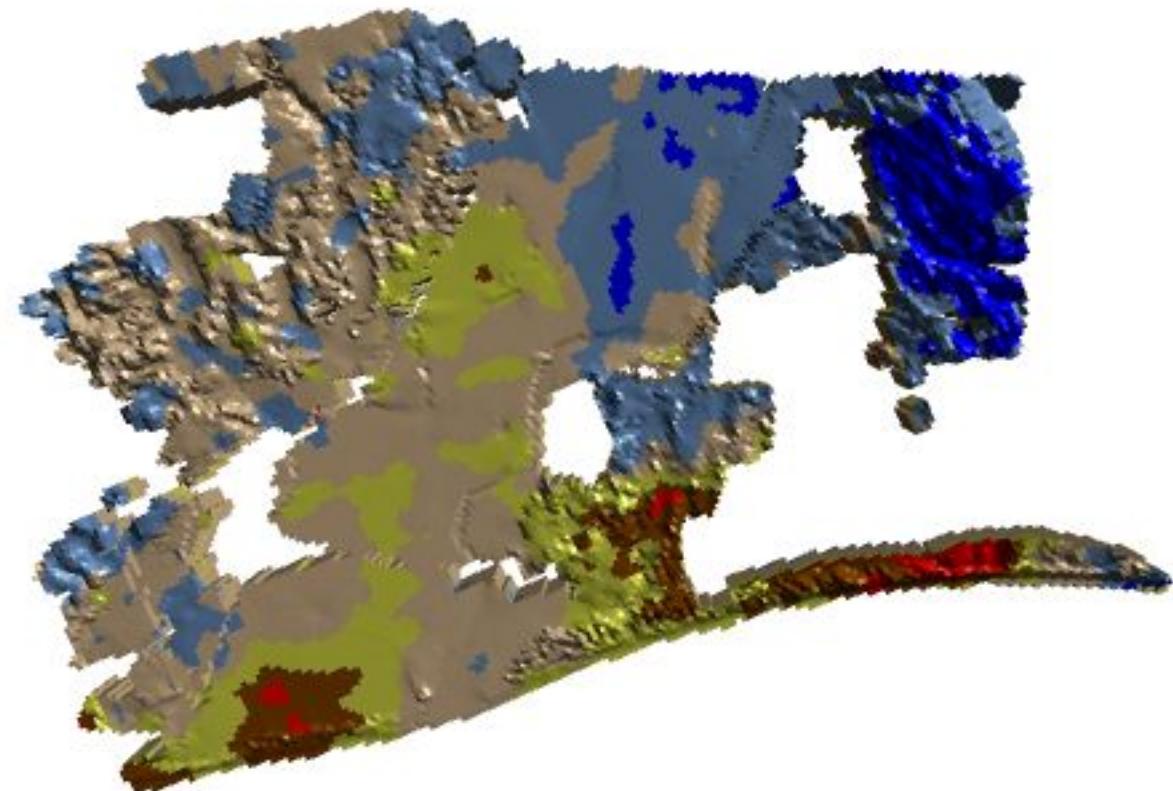
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-71 m/-233 ft

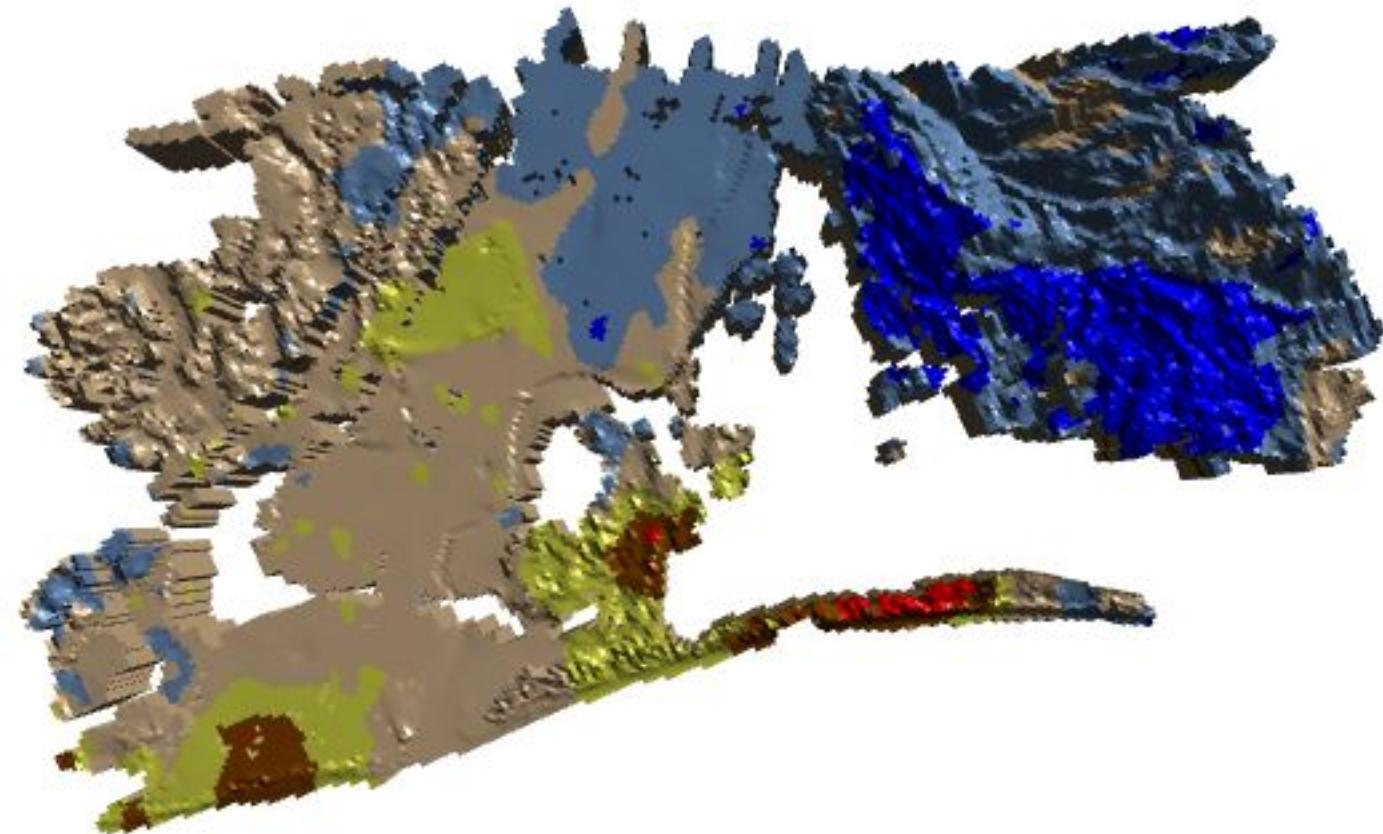
3D Map - 2017 CL Concentration



A2-CL-18

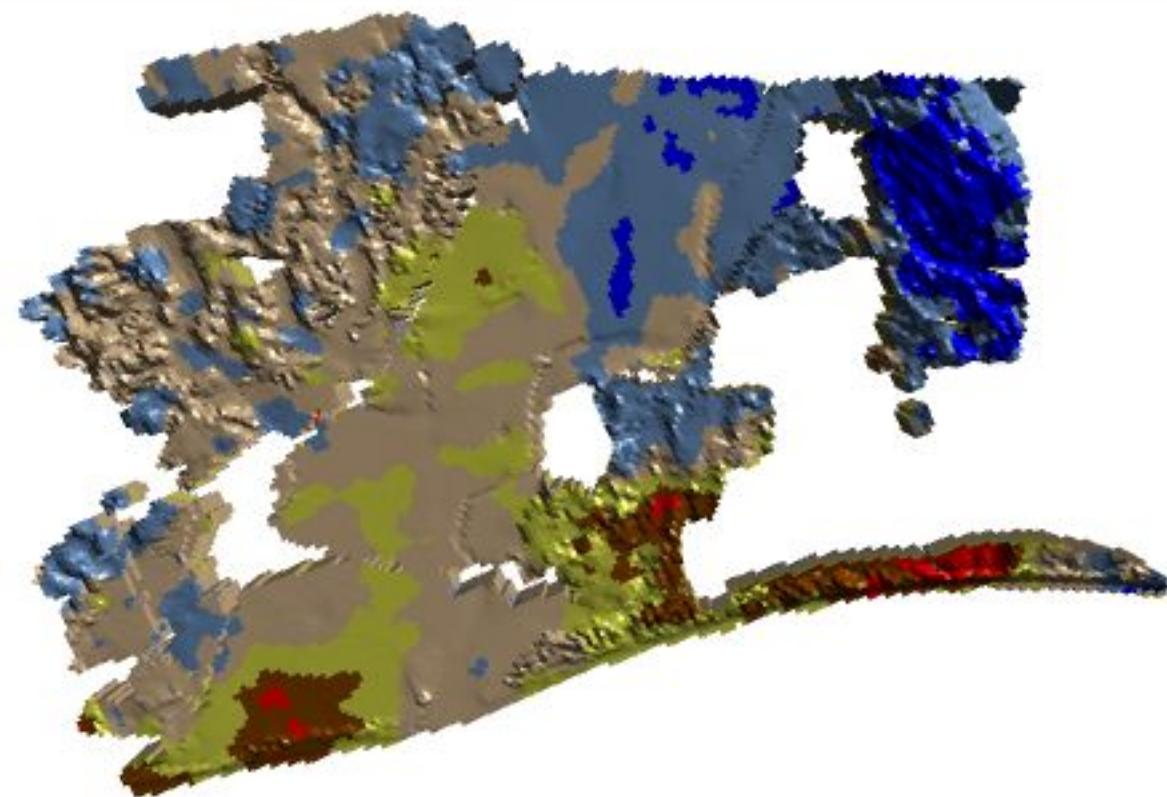
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-76 m/-249 ft

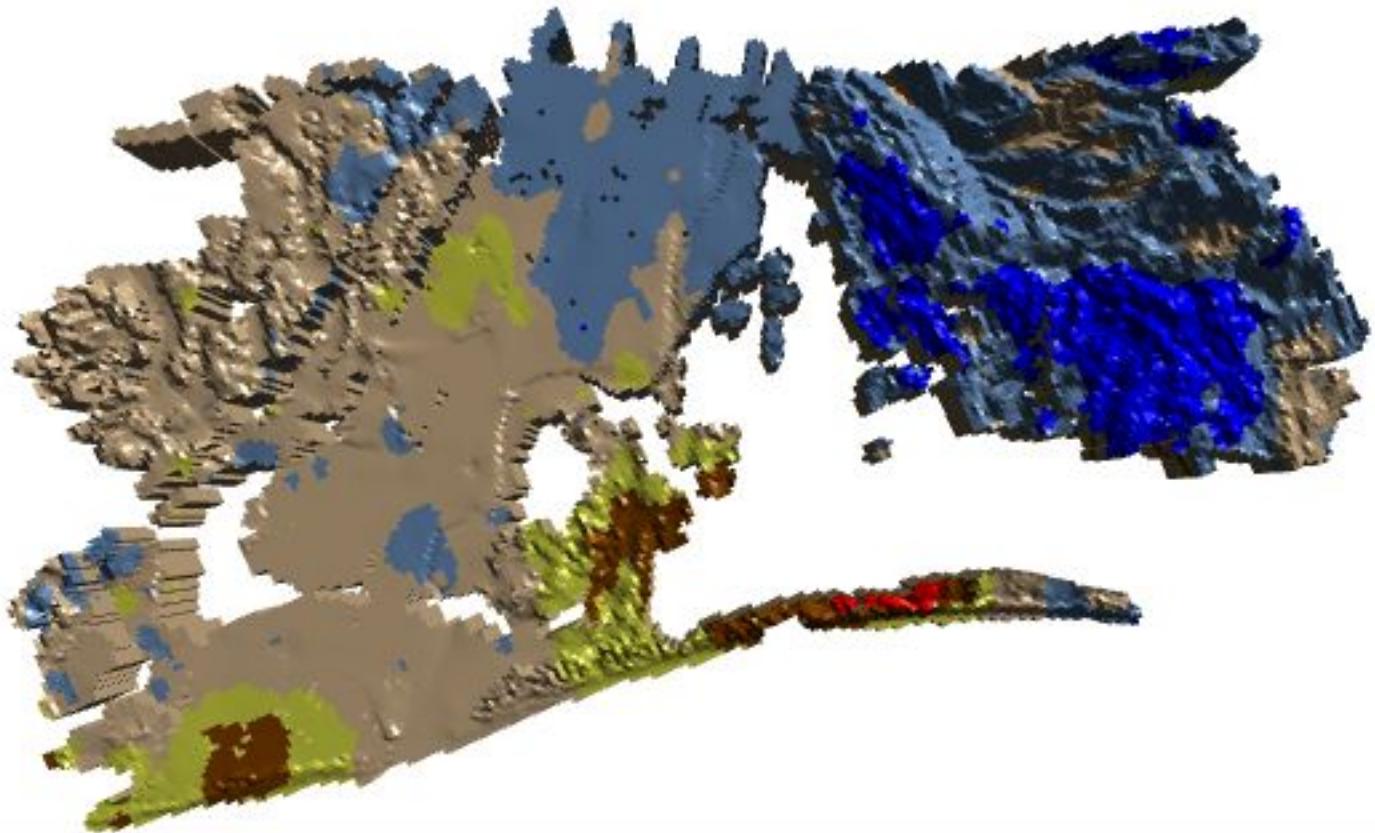
3D Map - 2017 CL Concentration



A2-CL-19

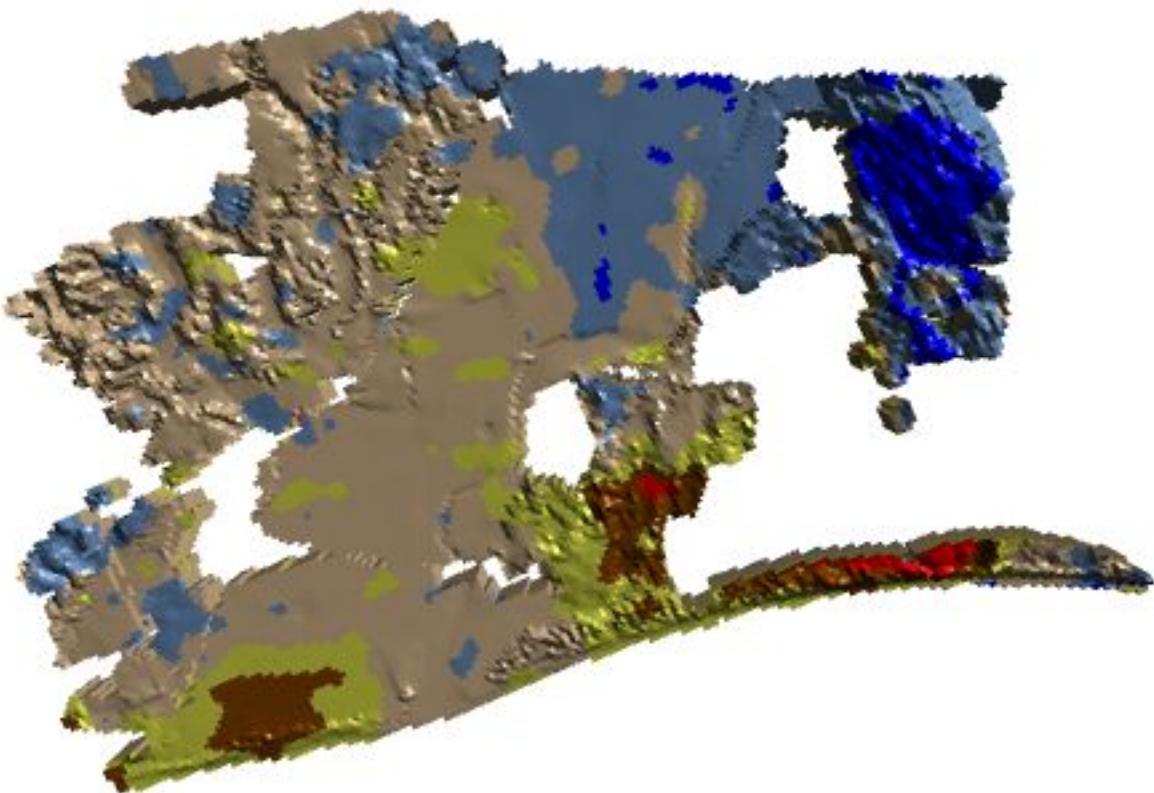
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-80 m/-262 ft

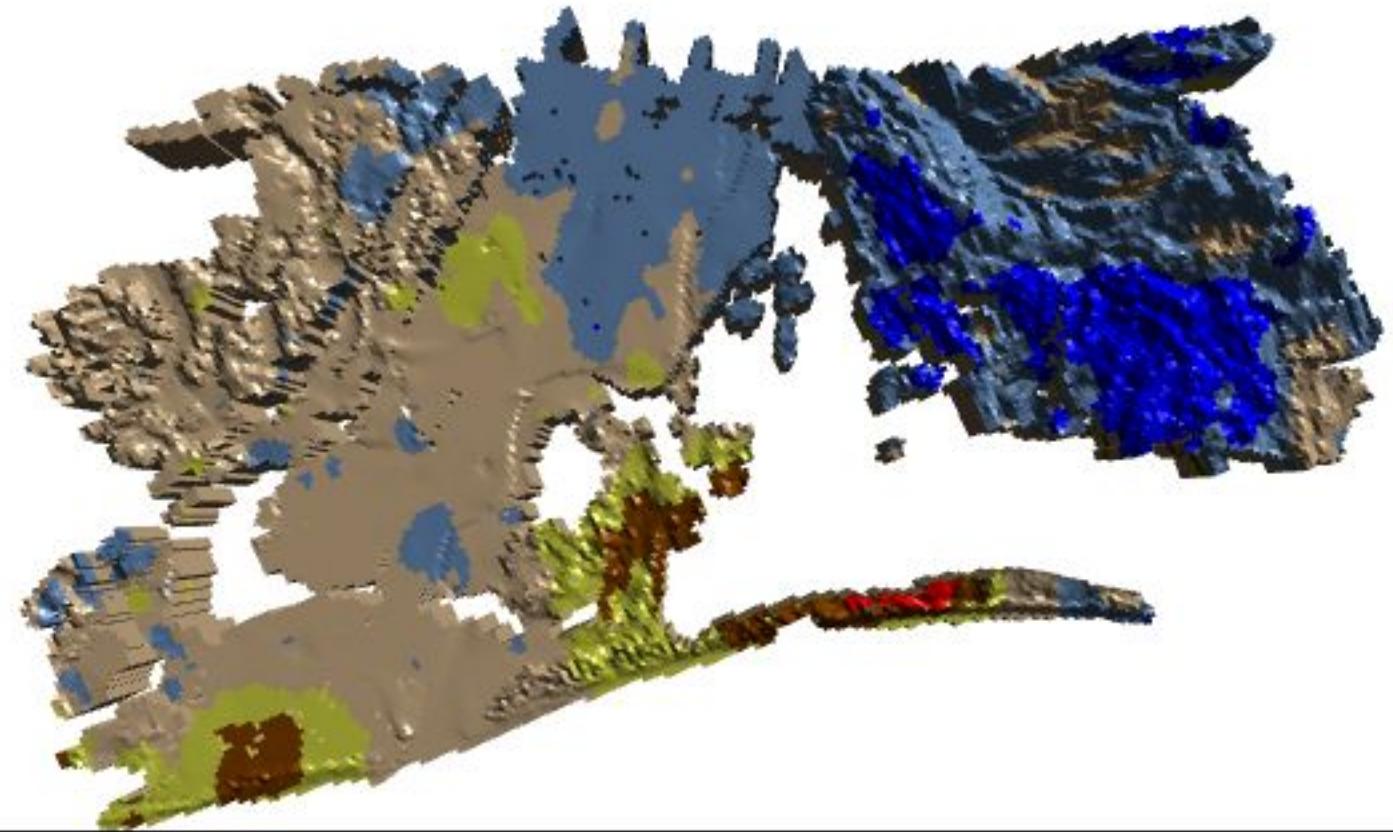
3D Map - 2017 CL Concentration



A2-CL-20

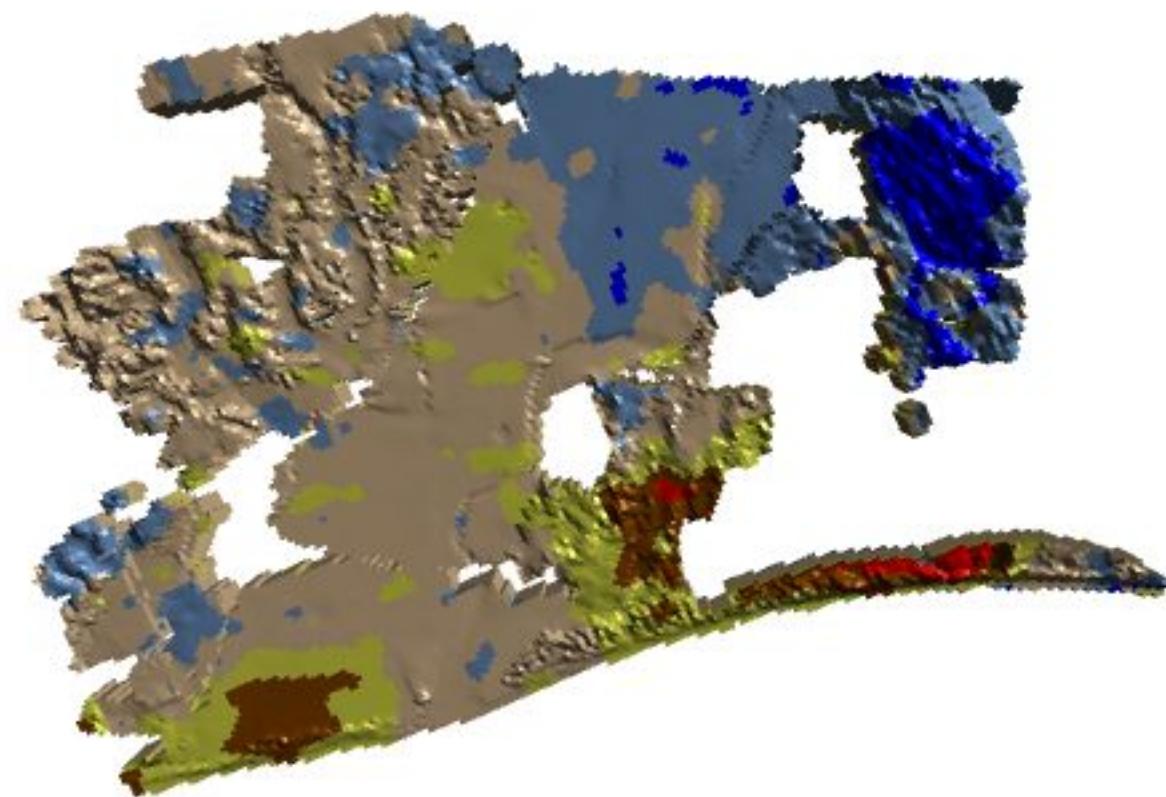
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-85 m/-279 ft

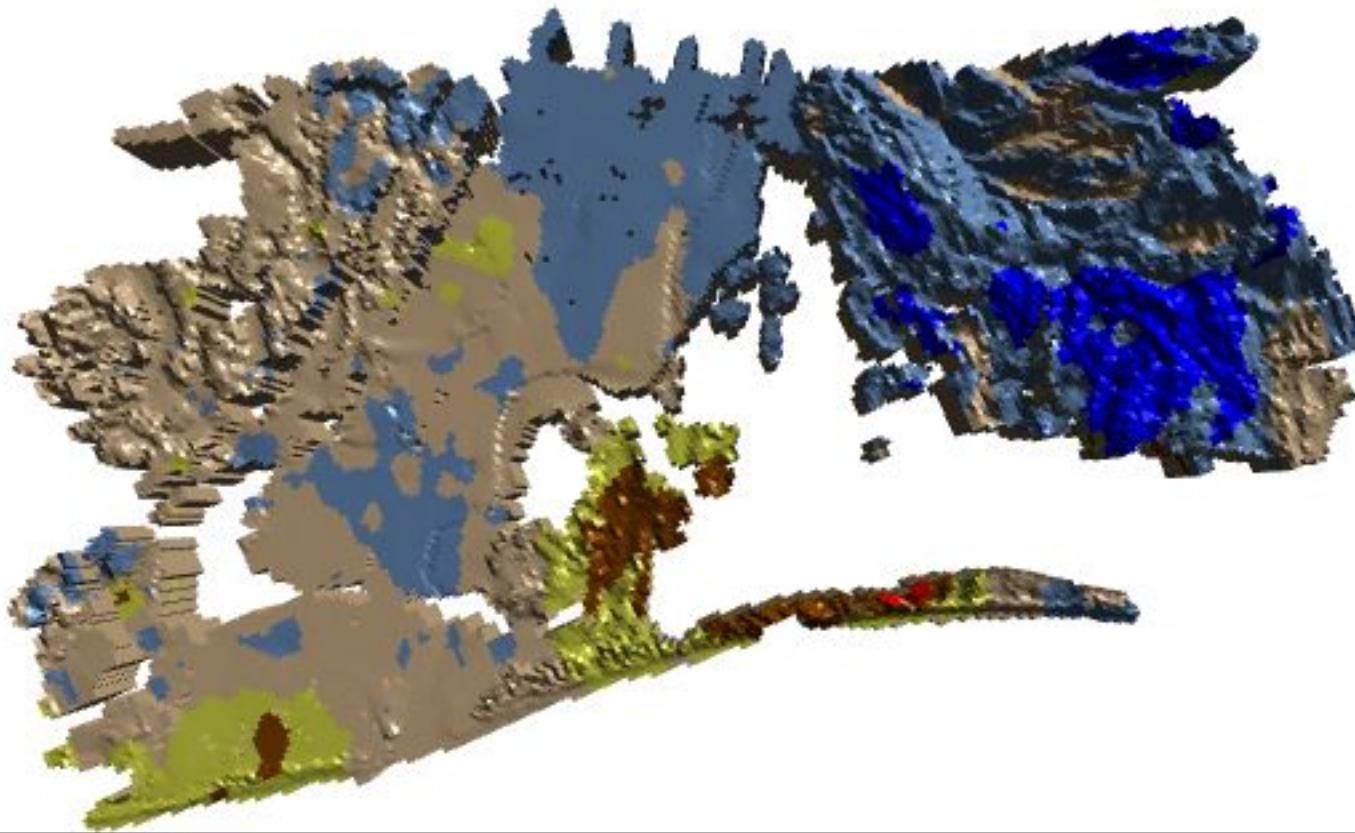
3D Map - 2017 CL Concentration



A2-CL-21

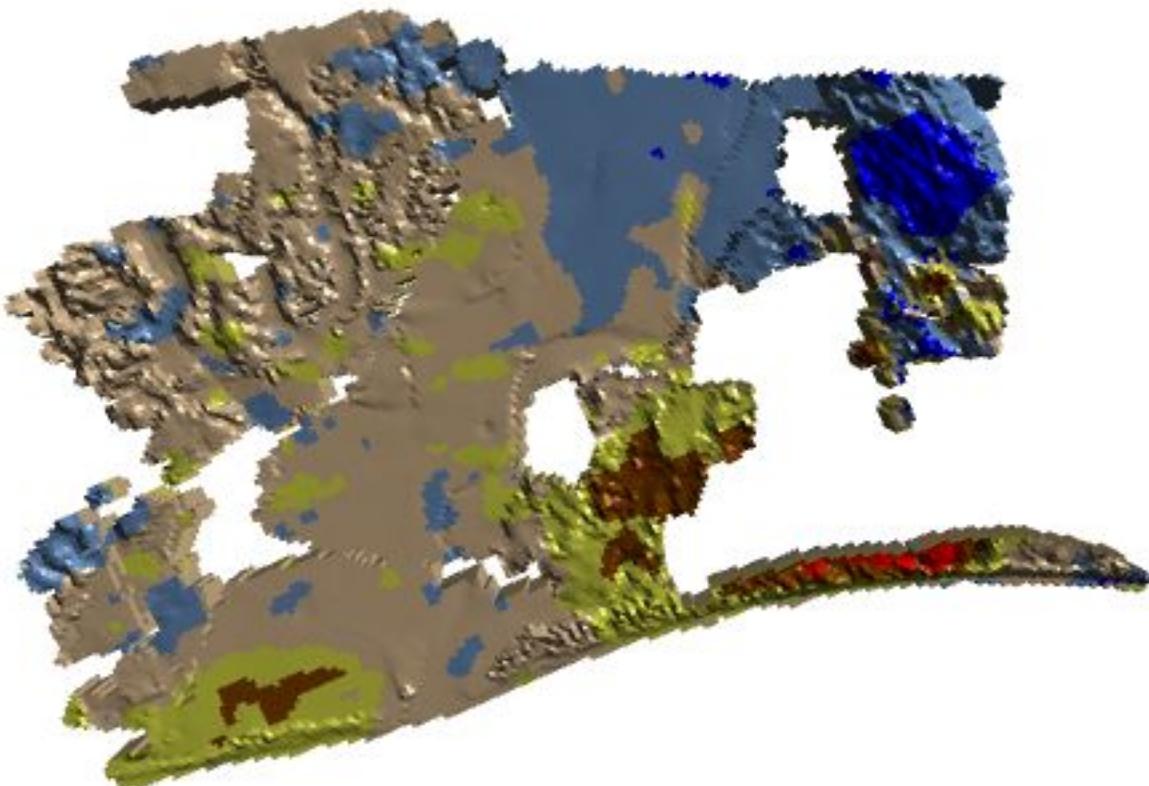
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-91 m/-299 ft

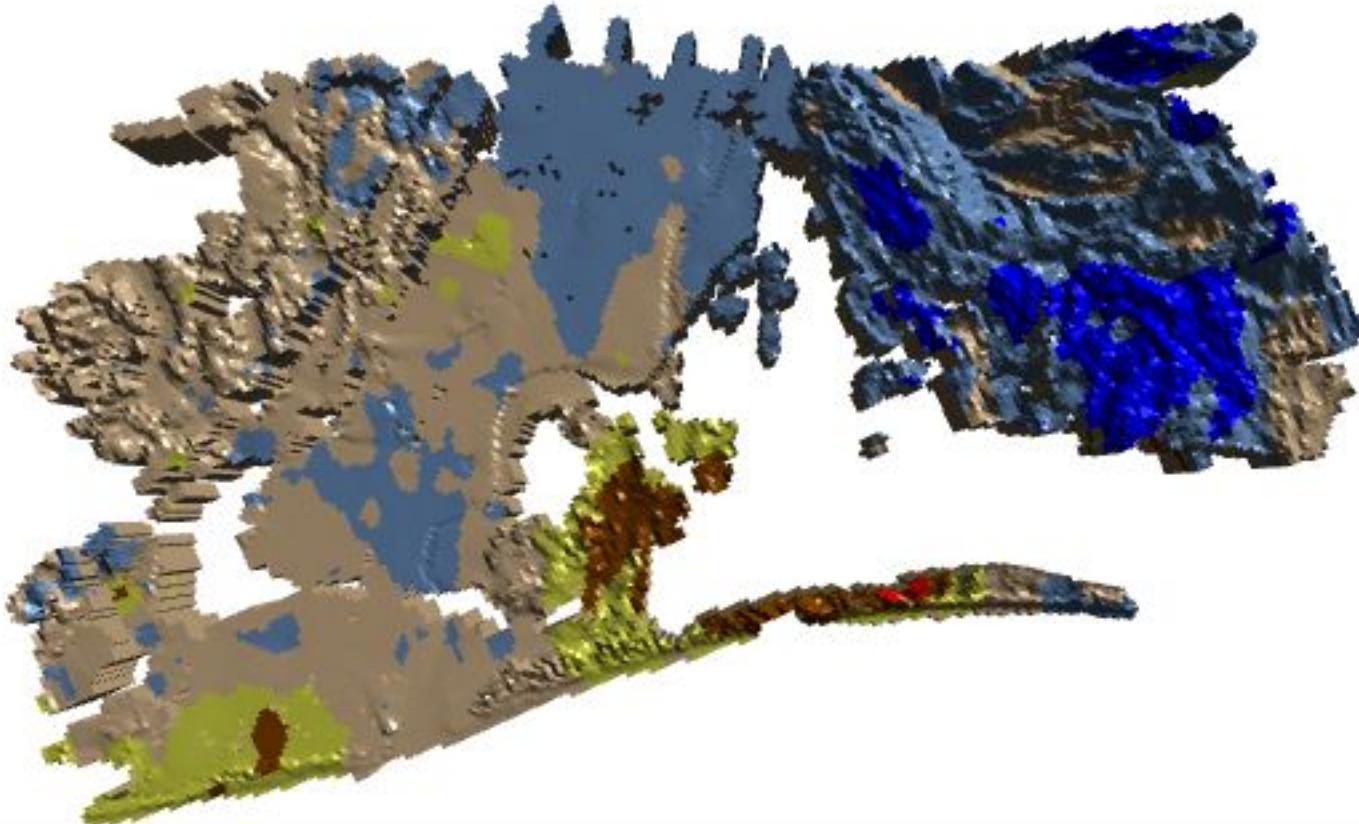
3D Map - 2017 CL Concentration



A2-CL-22

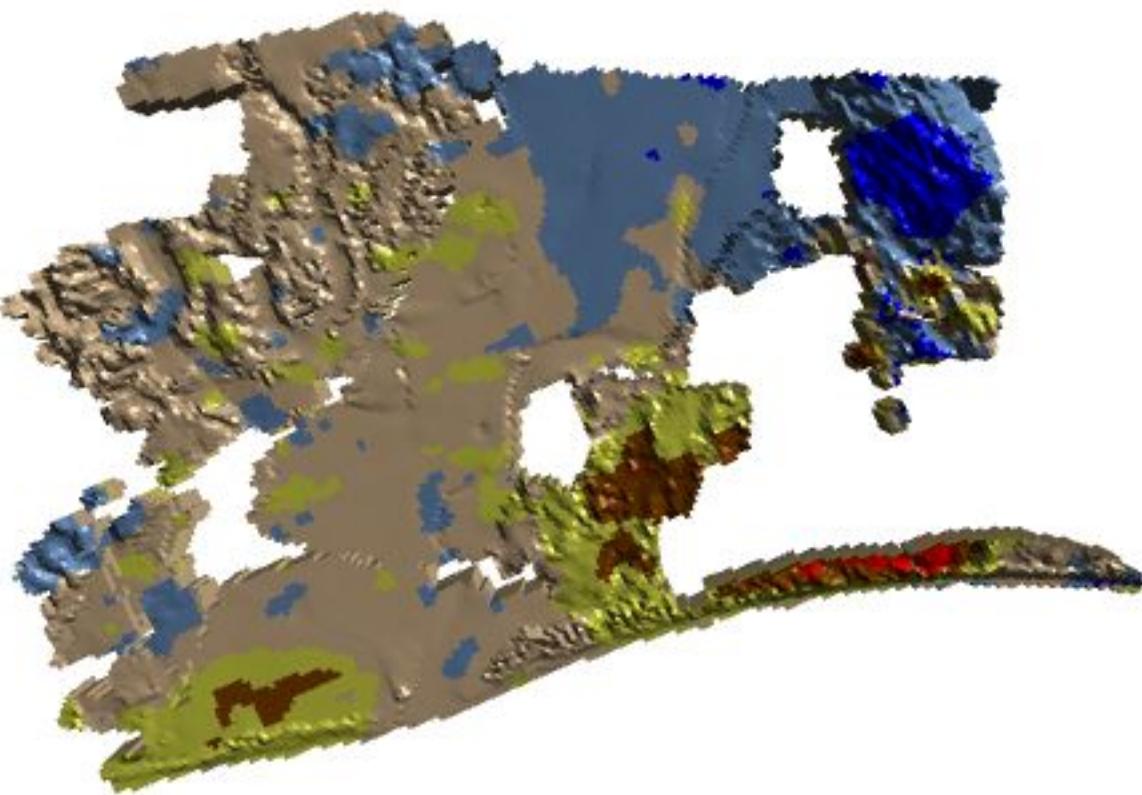
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-94 m/-308 ft

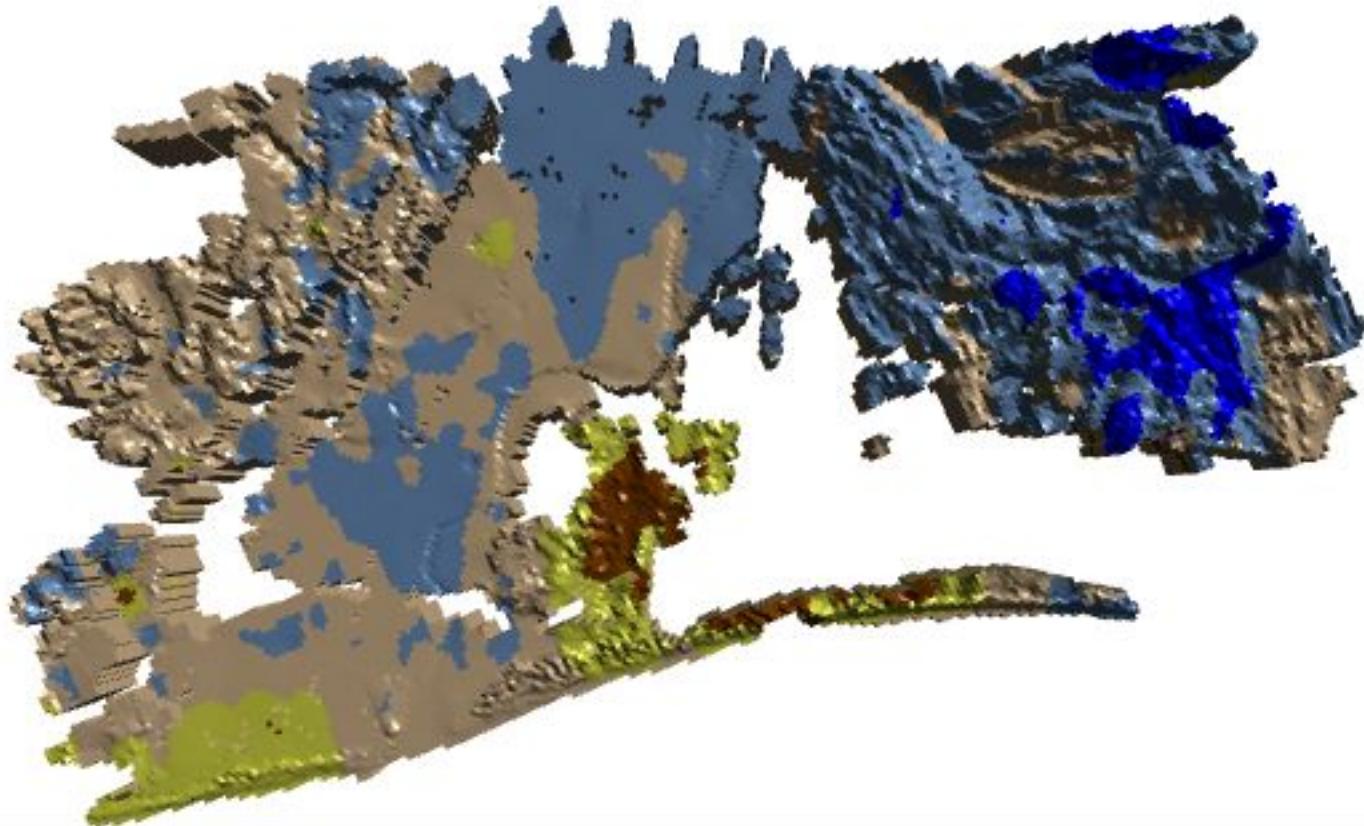
3D Map - 2017 CL Concentration



A2-CL-23

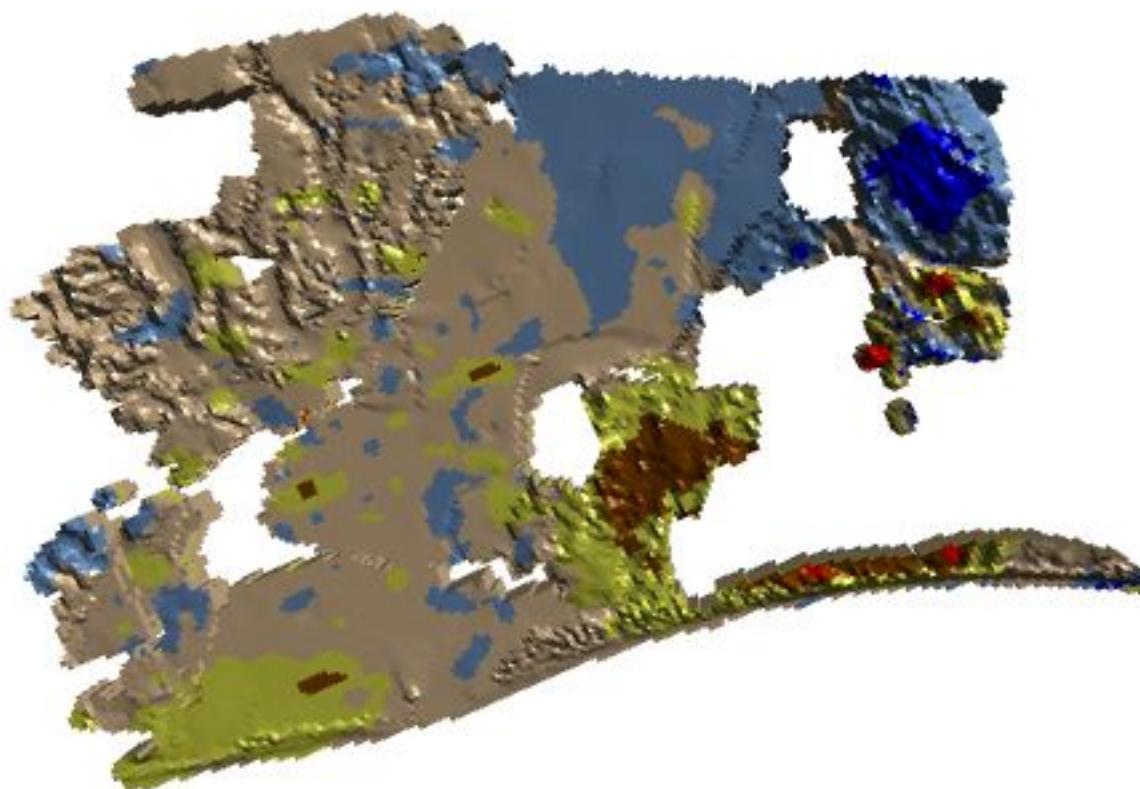
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-100 m/-328 ft

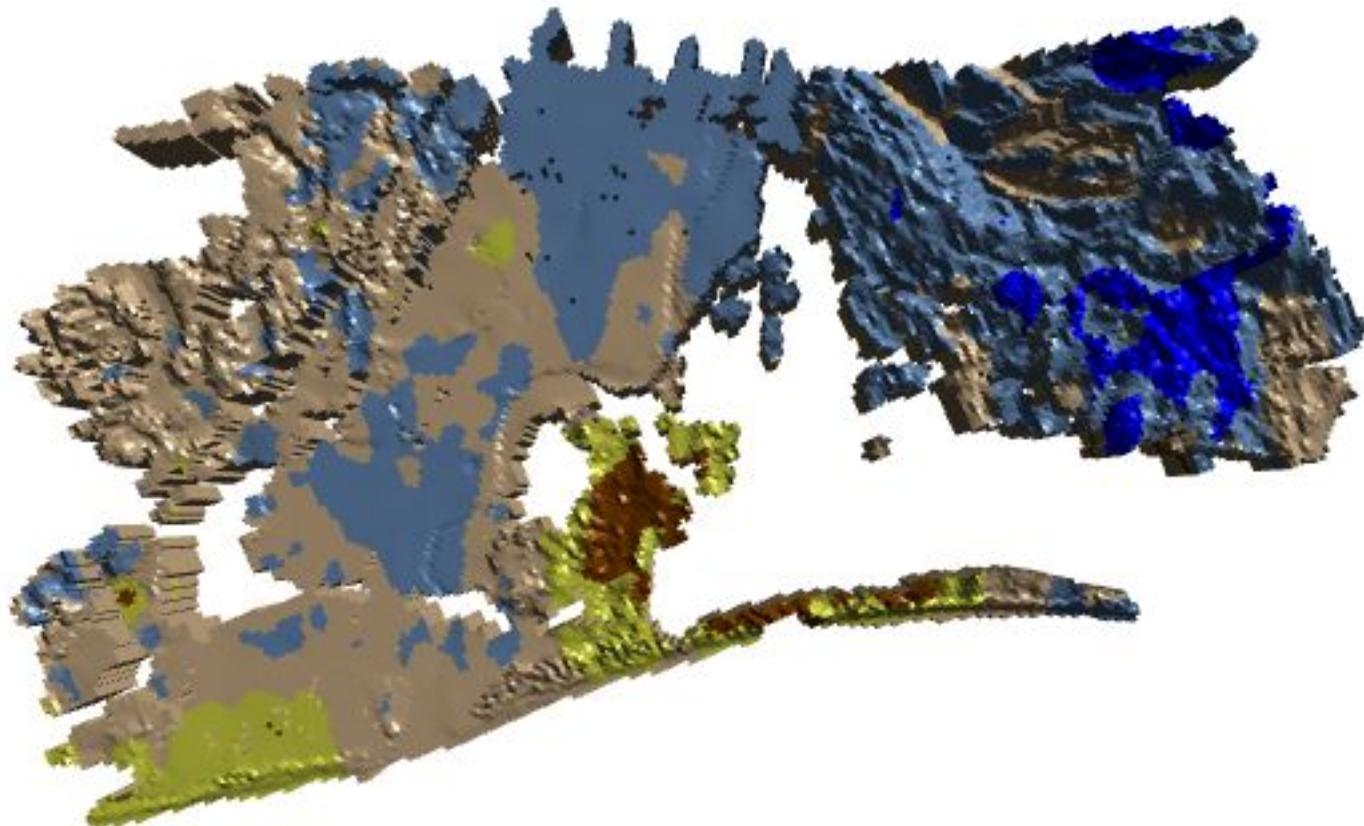
3D Map - 2017 CL Concentration



A2-CL-24

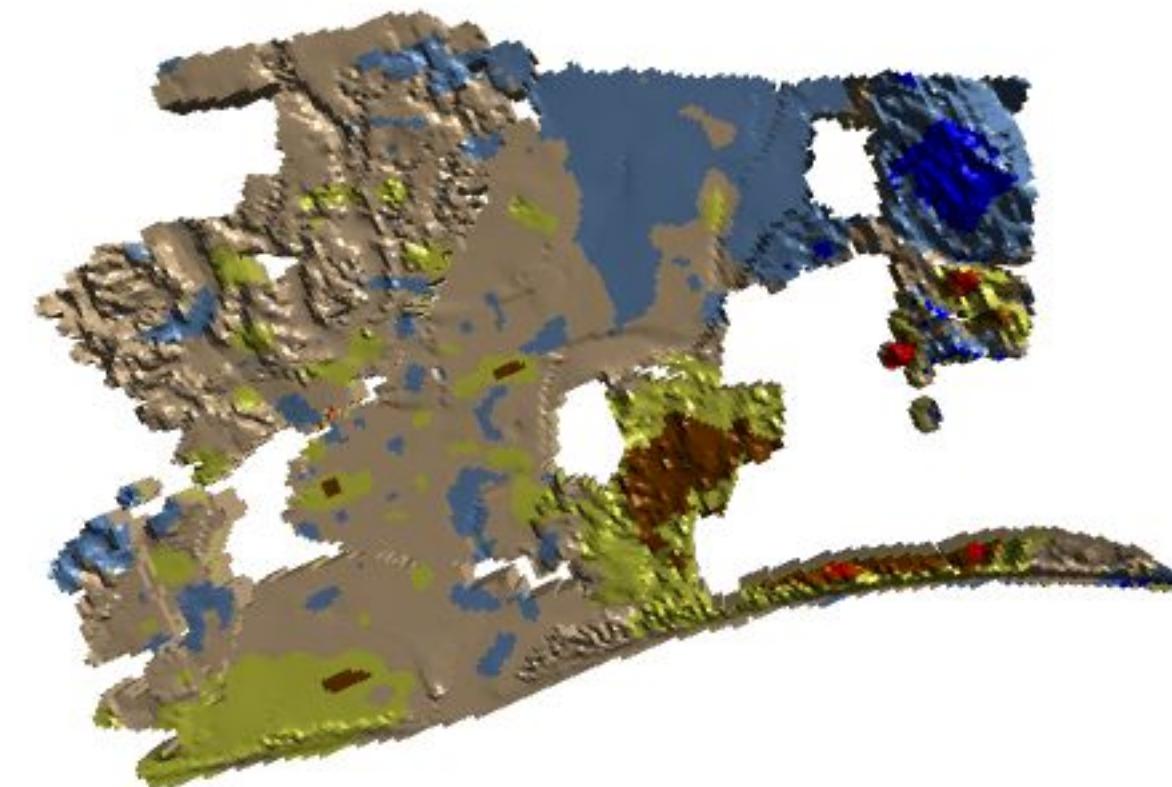
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-106 m / -348 ft

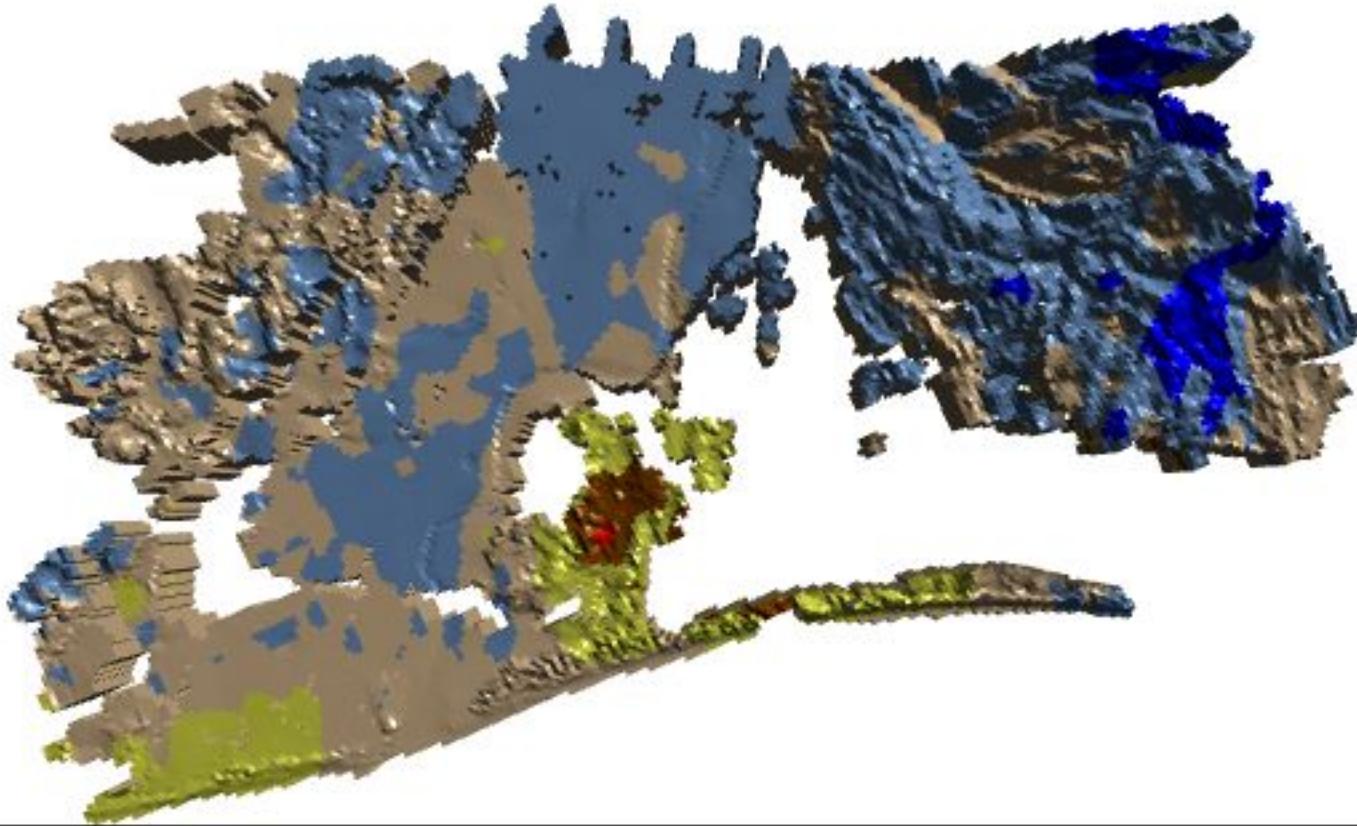
3D Map - 2017 CL Concentration



A2-CL-25

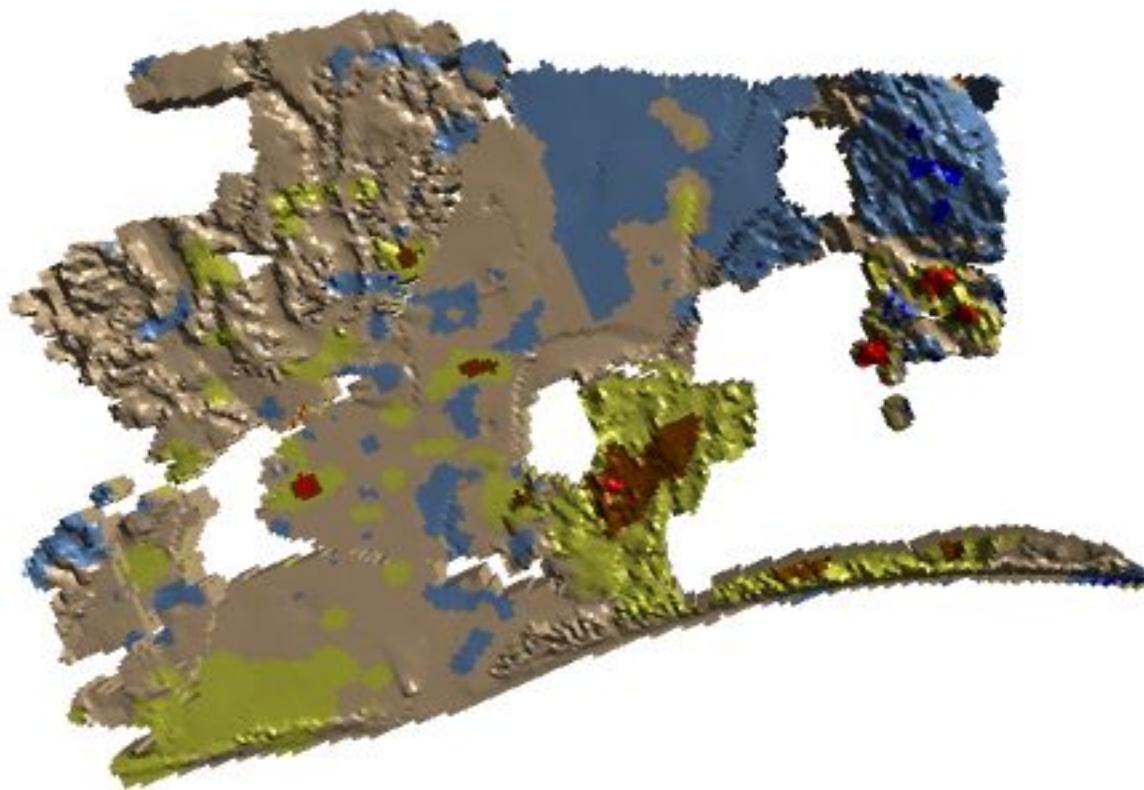
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-109 m/-358 ft

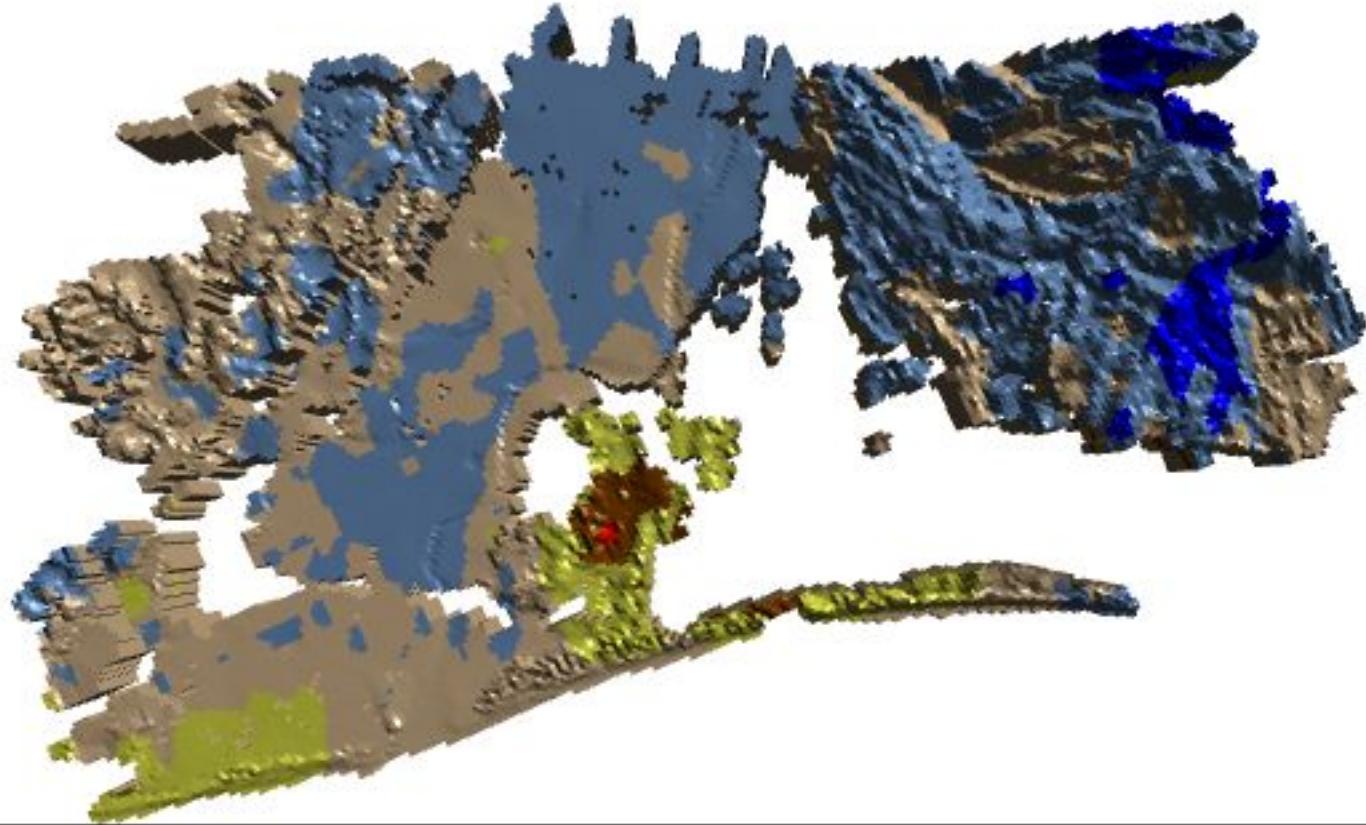
3D Map - 2017 CL Concentration



A2-CL-26

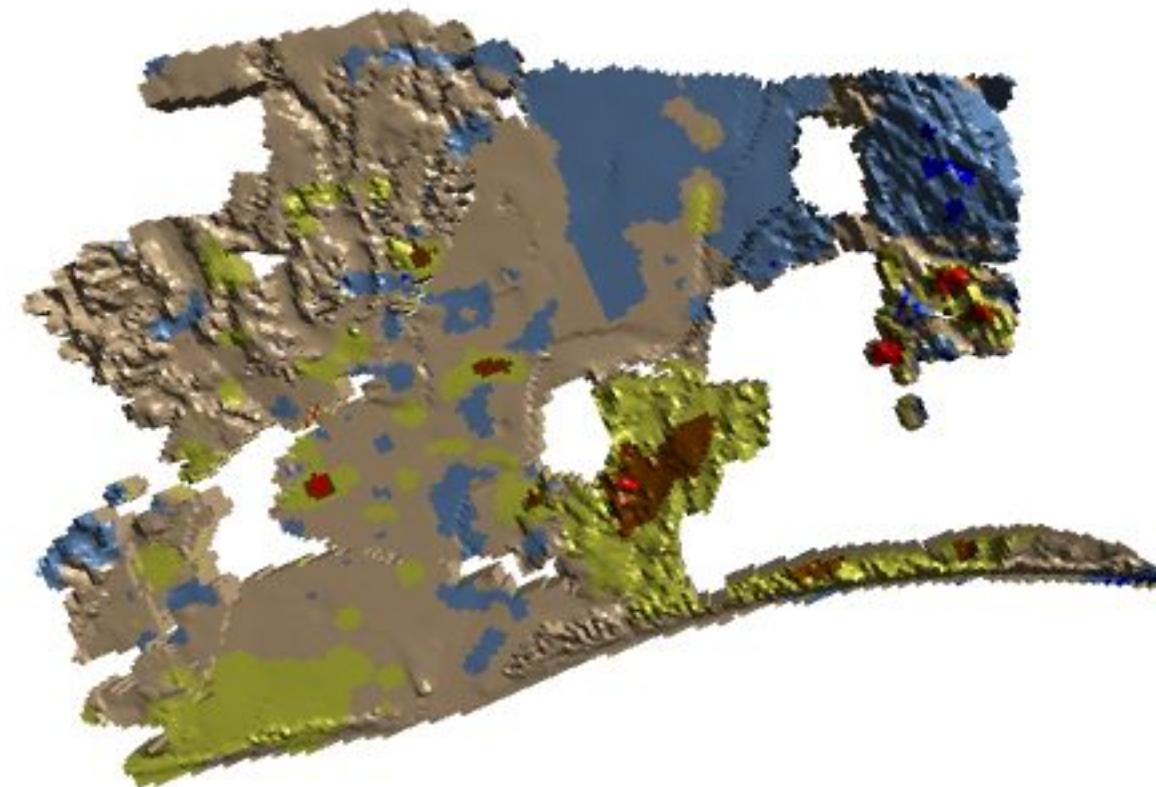
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-115 m/-377 ft

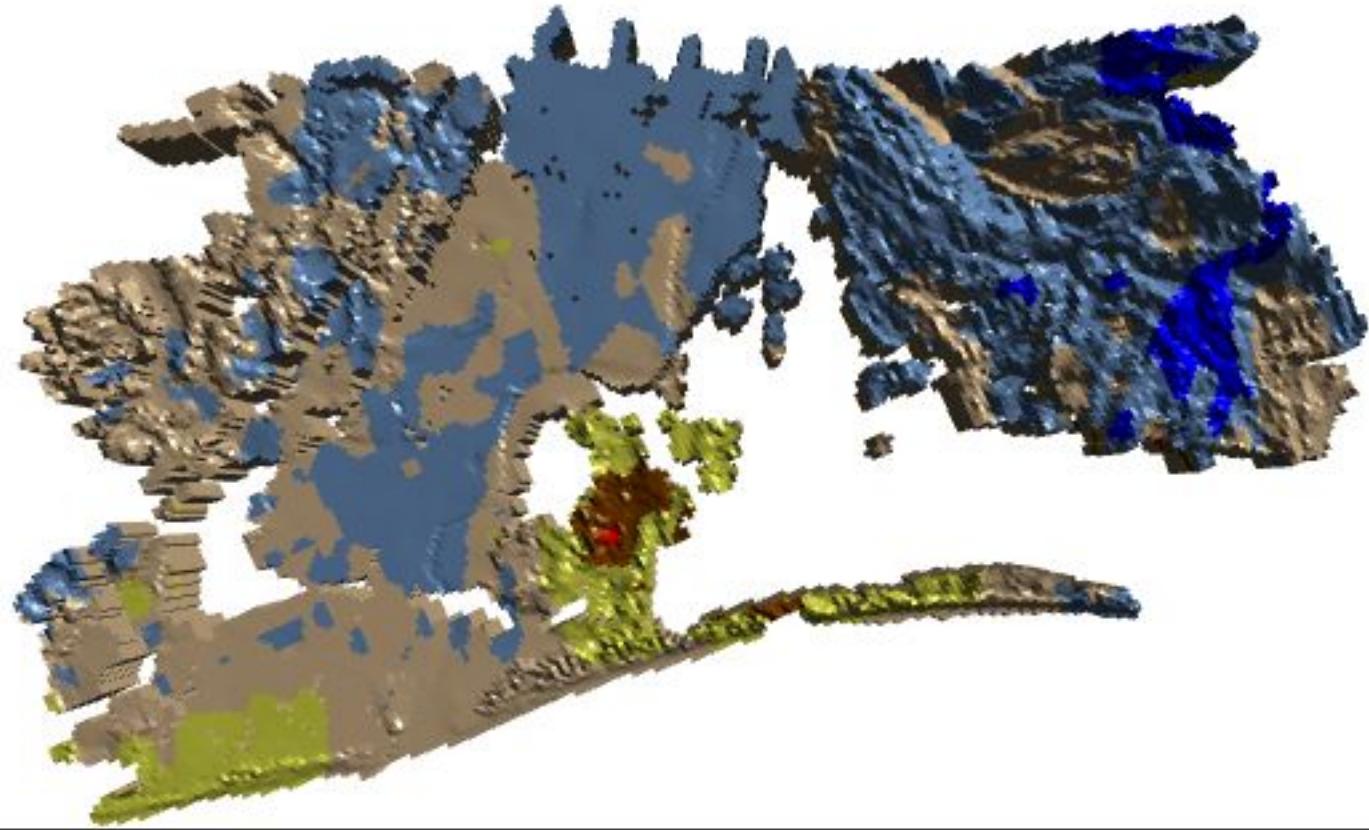
3D Map - 2017 CL Concentration



A2-CL-27

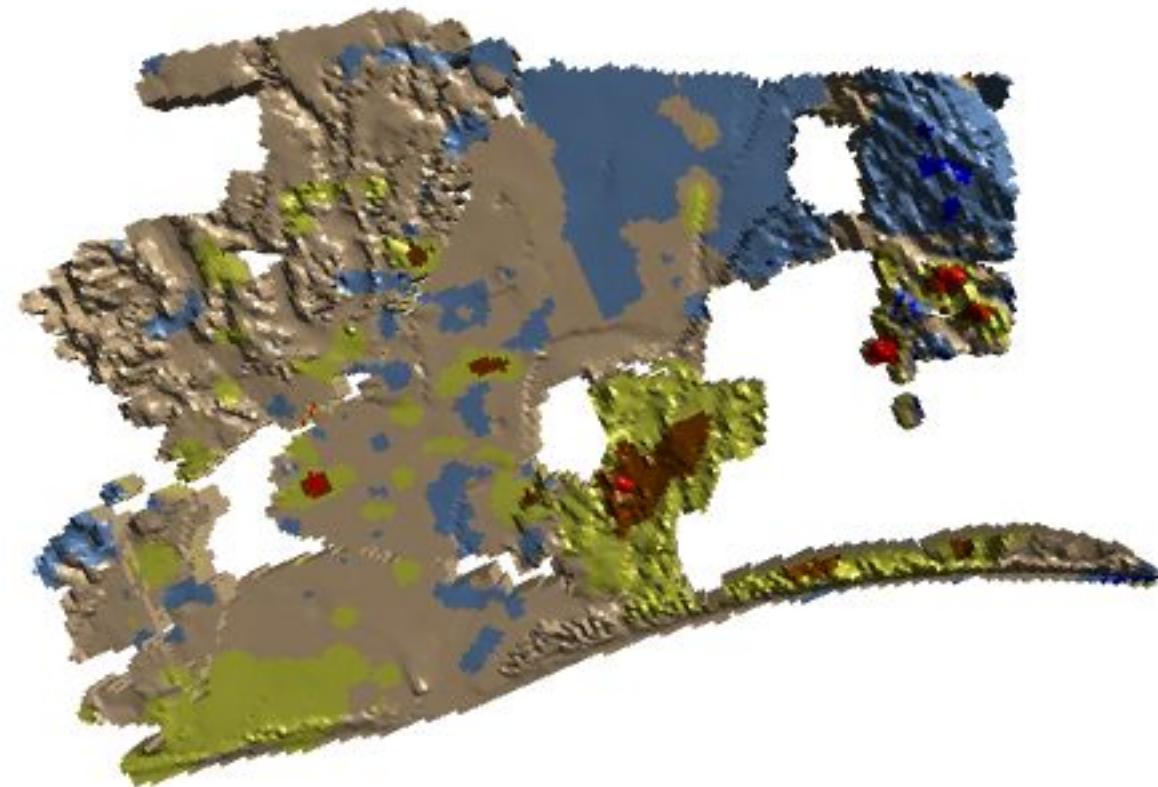
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-118 m/-387 ft

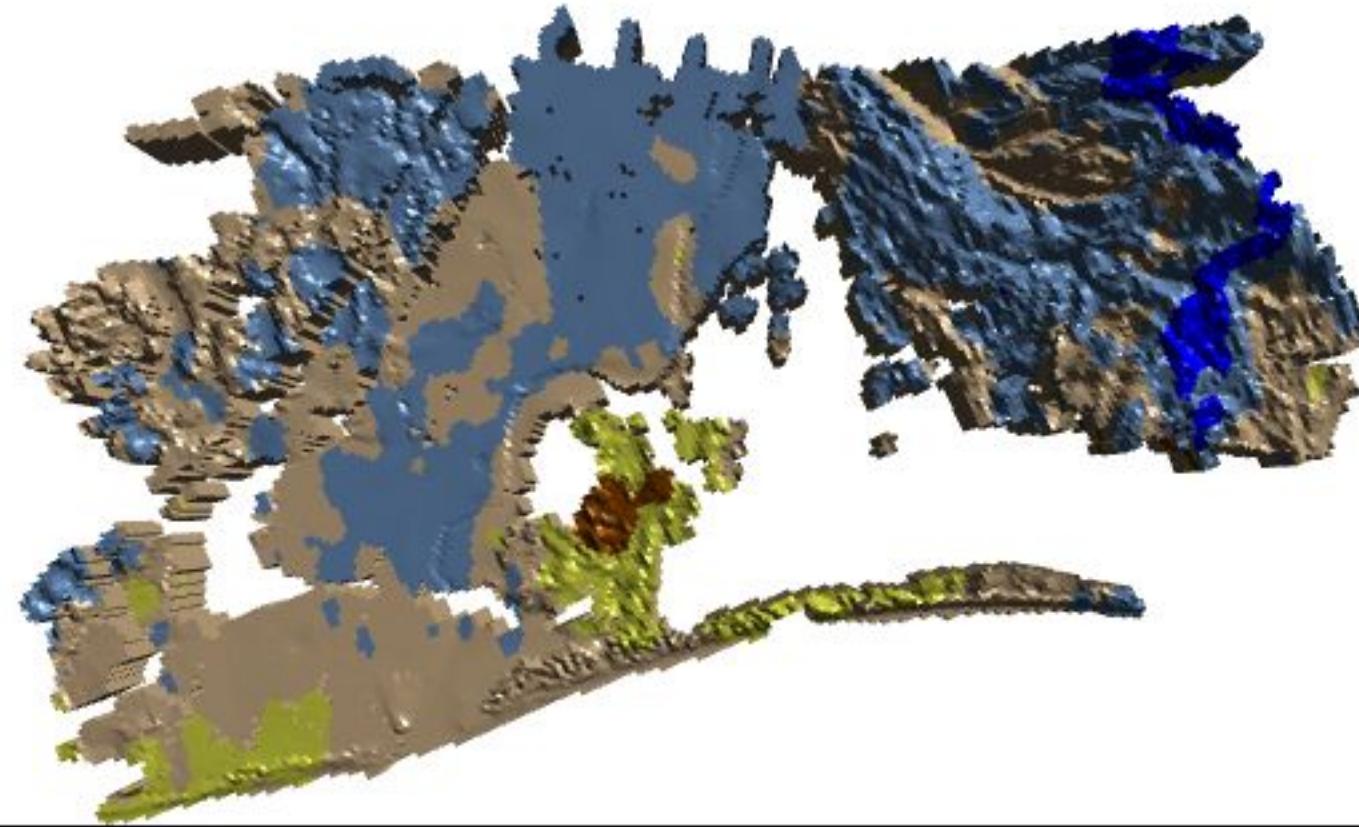
3D Map - 2017 CL Concentration



A2-CL-28

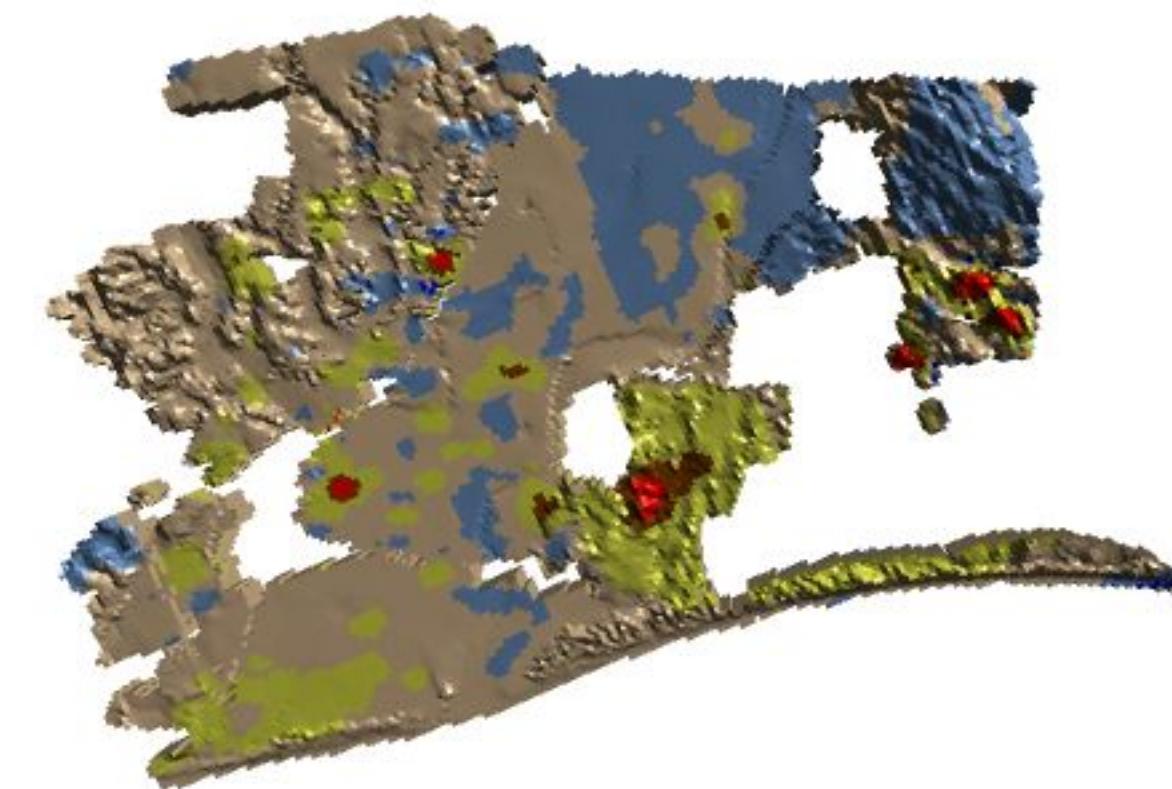
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices

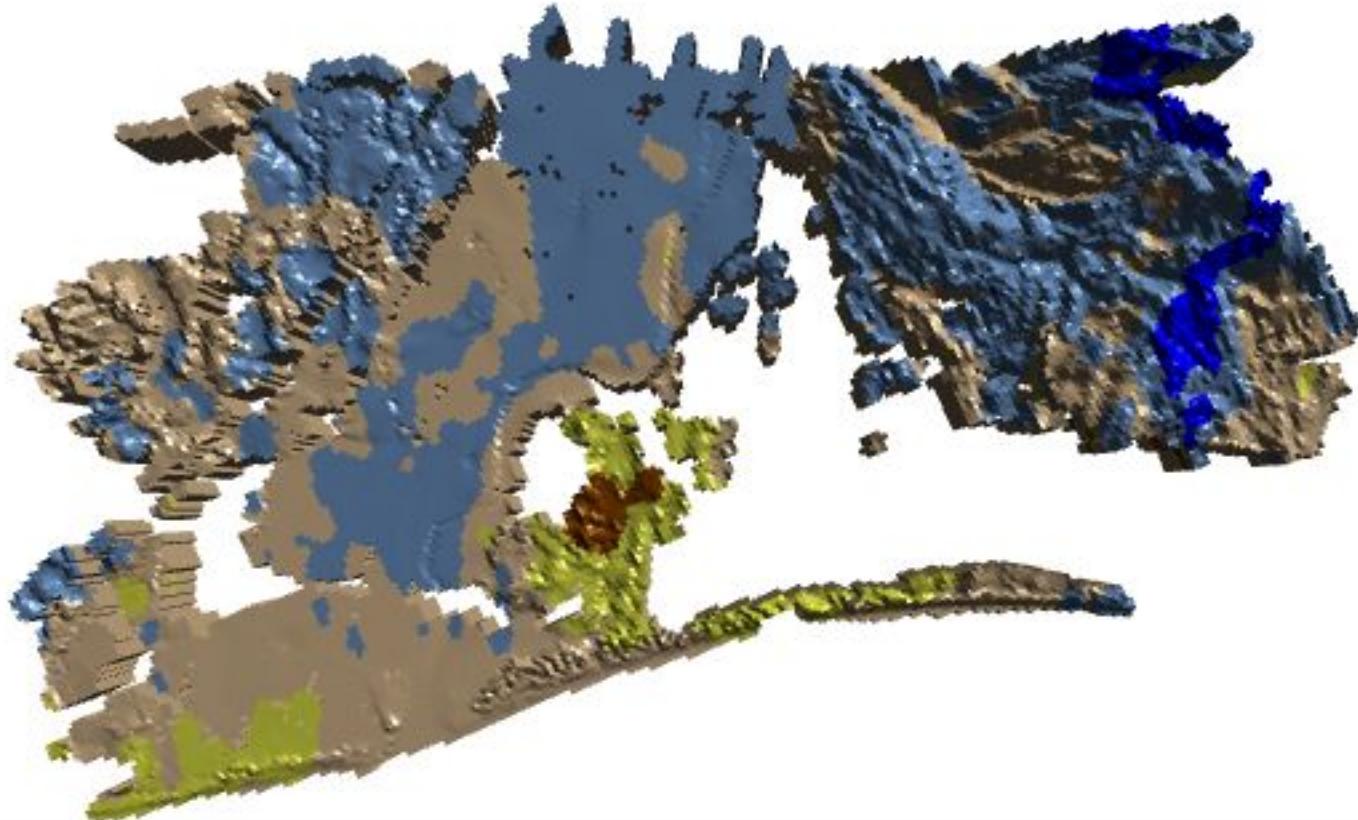


-124 m/-407 ft

3D Map - 2017 CL Concentration

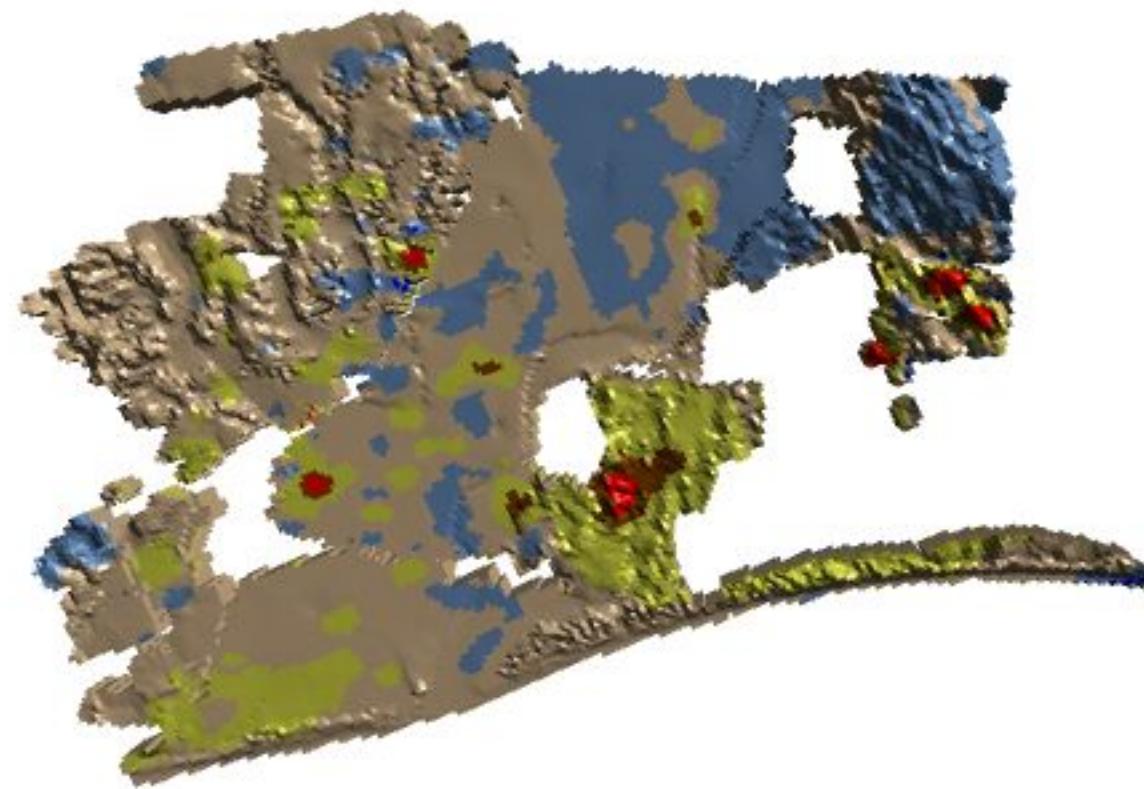


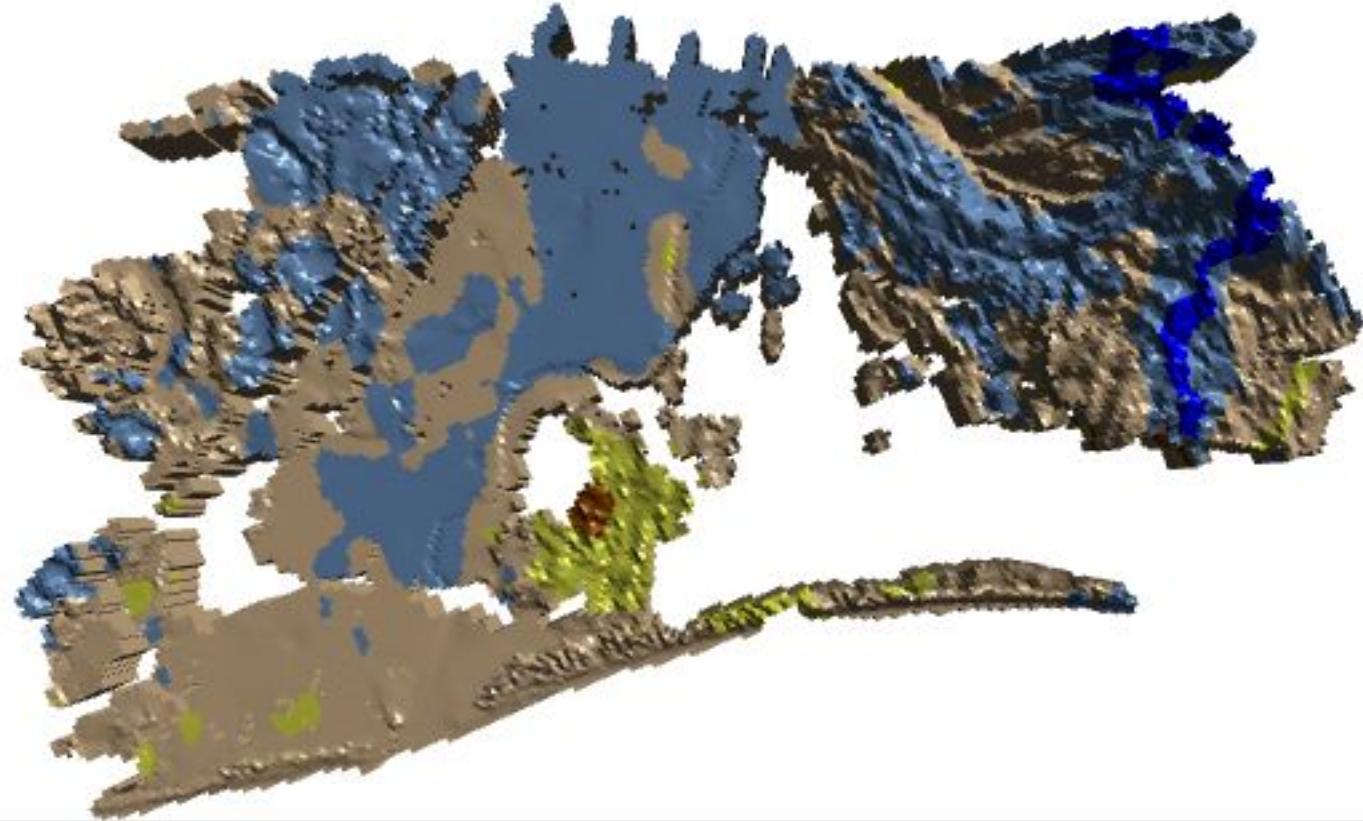
A2-CL-29



-128 m/-419 ft

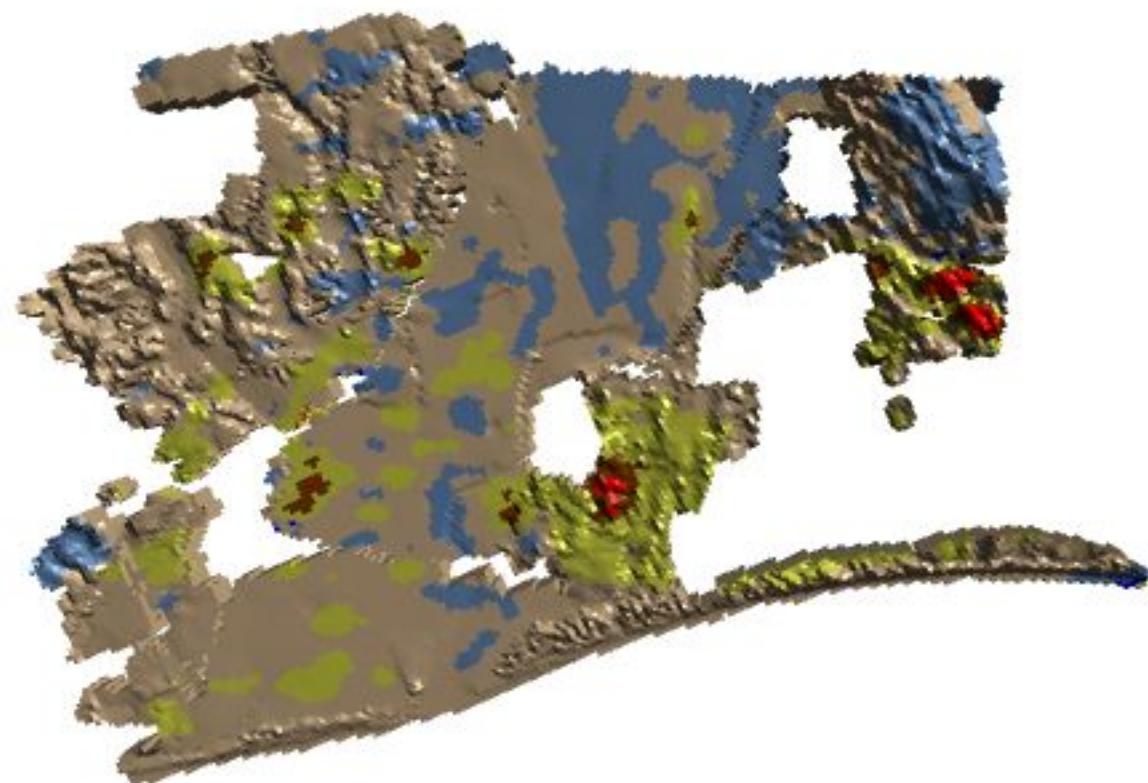
3D Map - 2017 CL Concentration



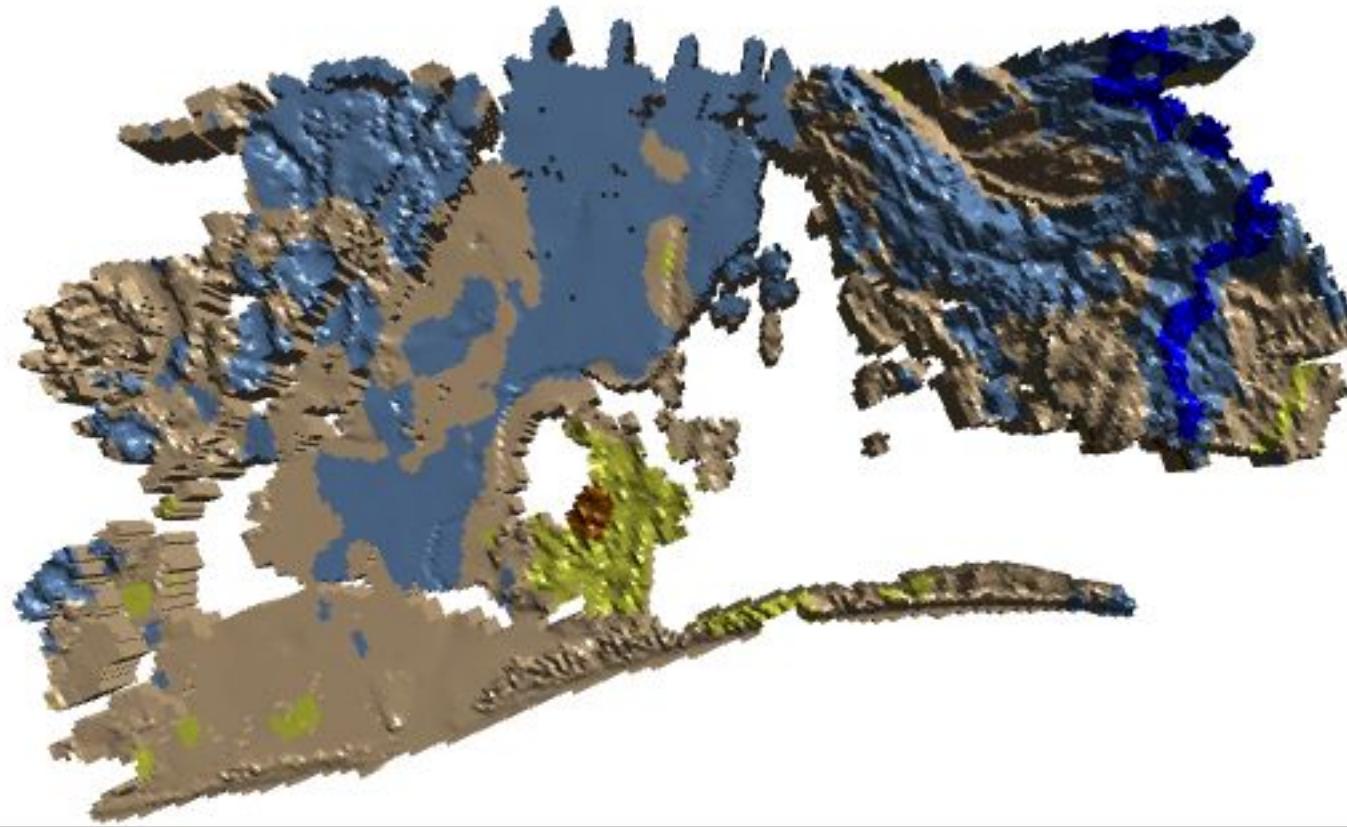


-133 m / -436 ft

3D Map - 2017 CL Concentration

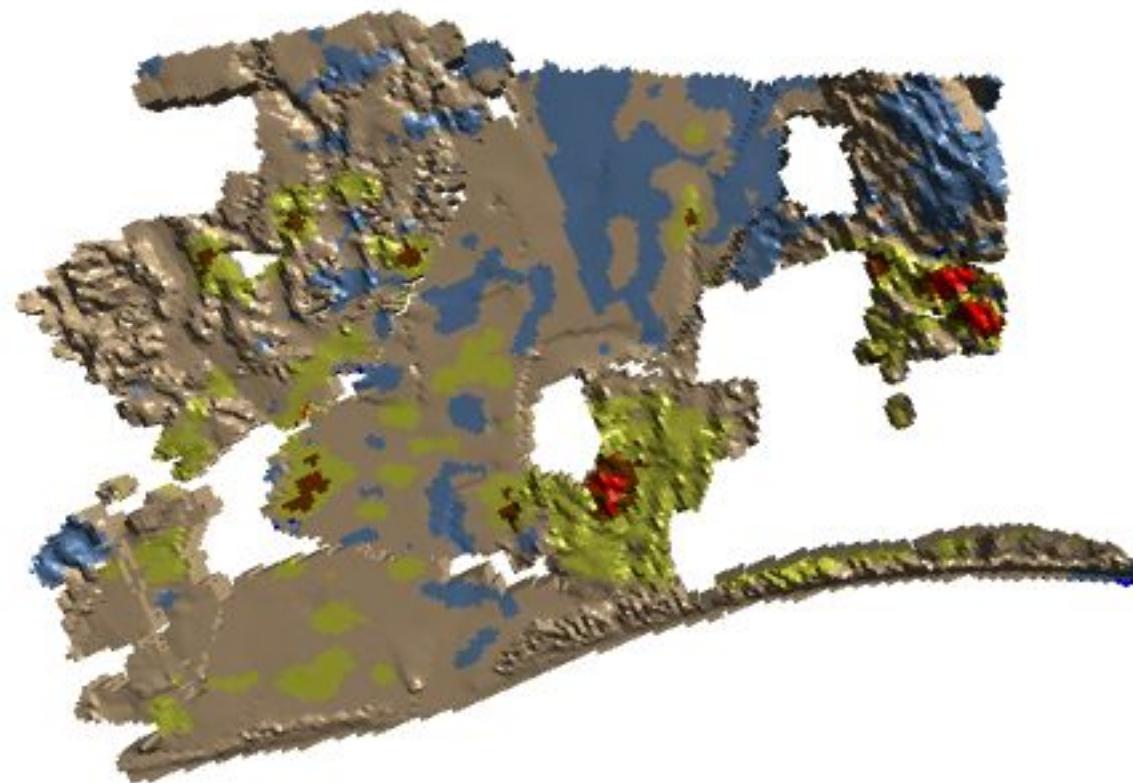


A2-CL-31



-139 m / -456 ft

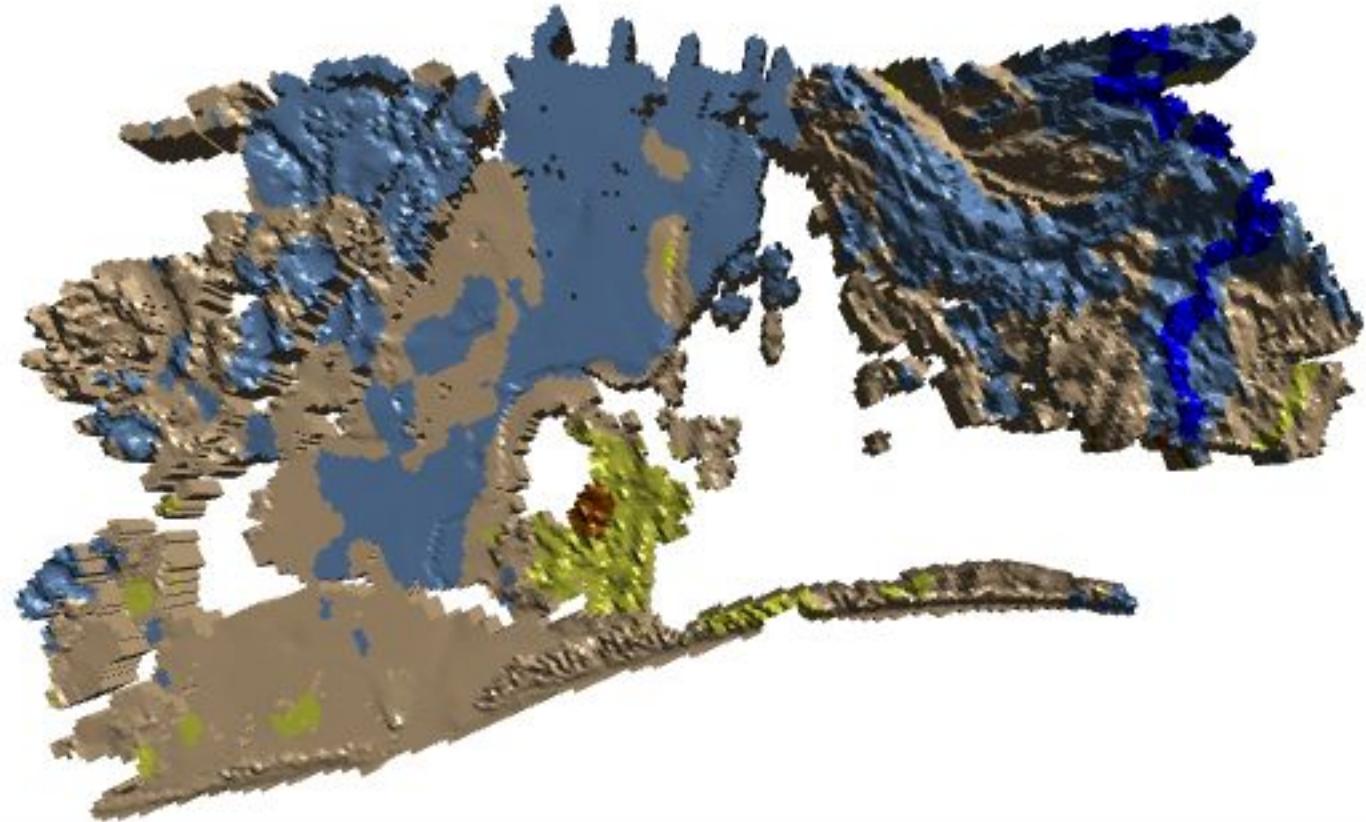
3D Map - 2017 CL Concentration



A2-CL-32

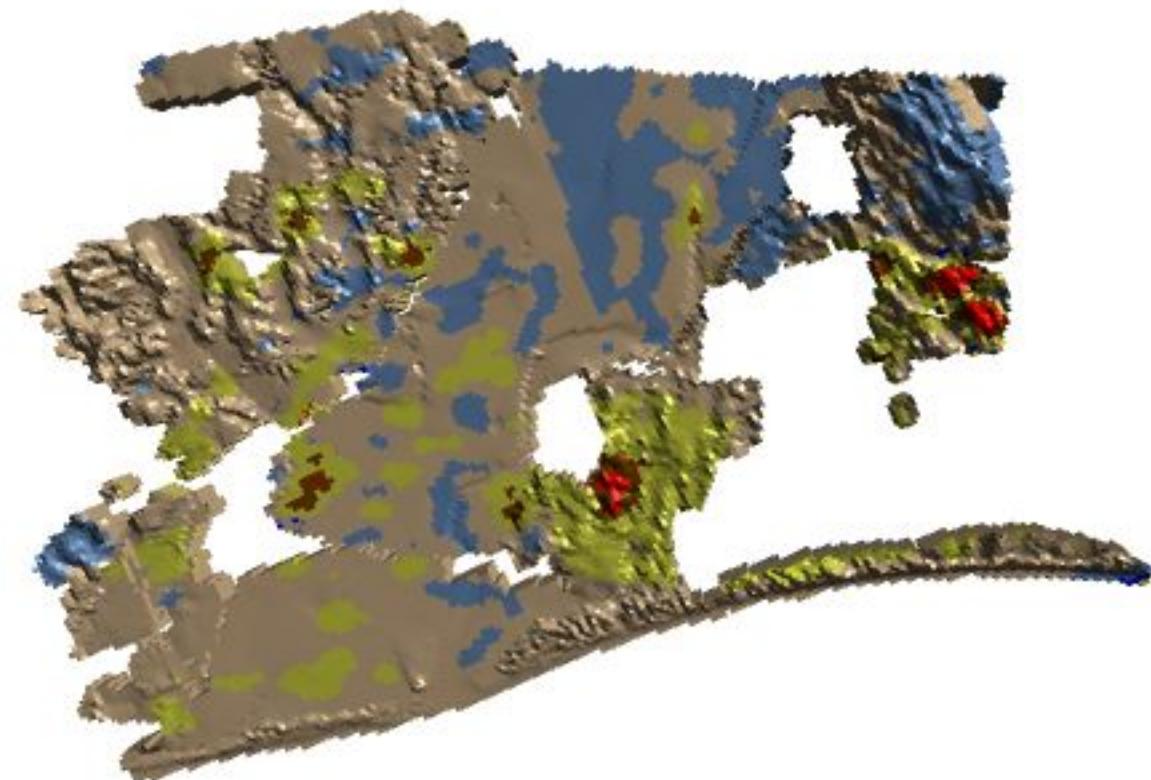
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-142 m/-466 ft

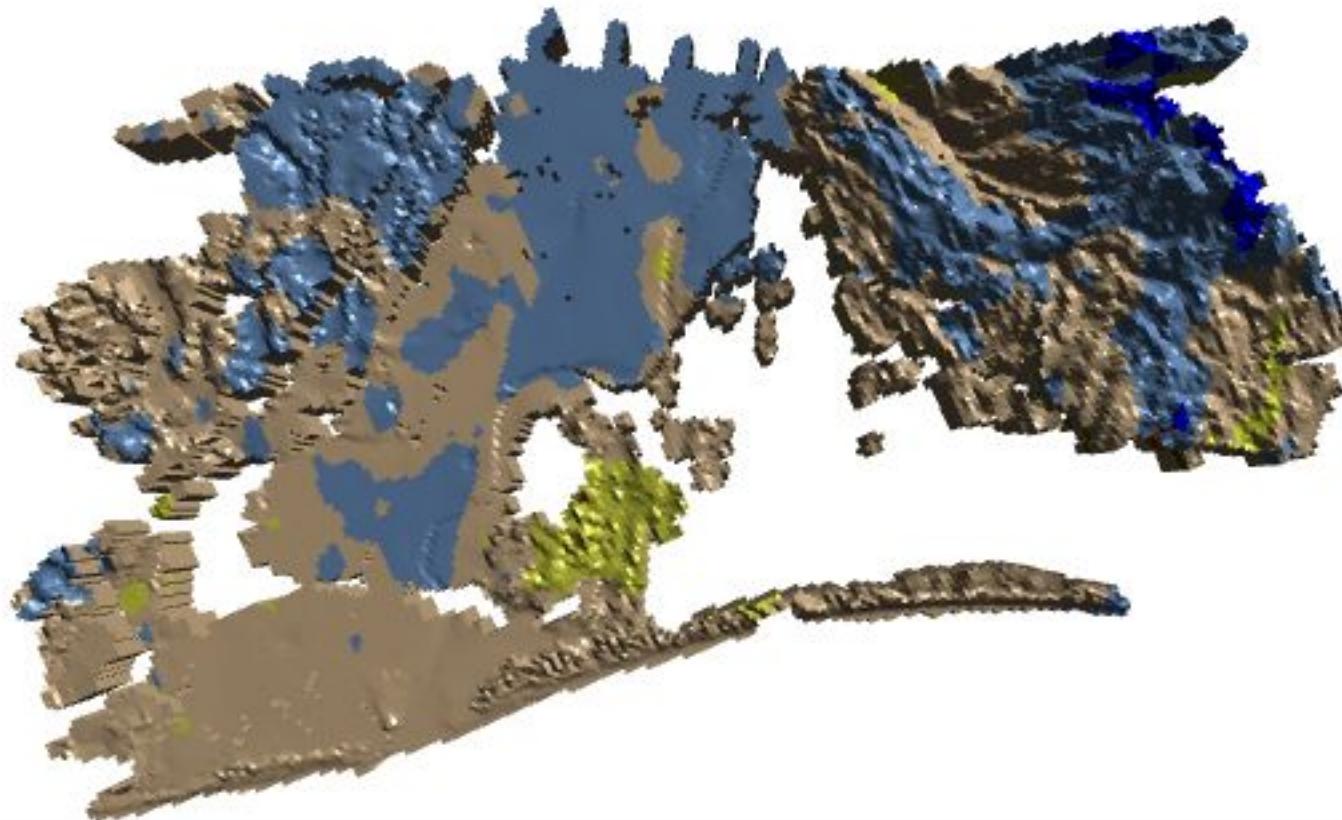
3D Map - 2017 CL Concentration



A2-CL-33

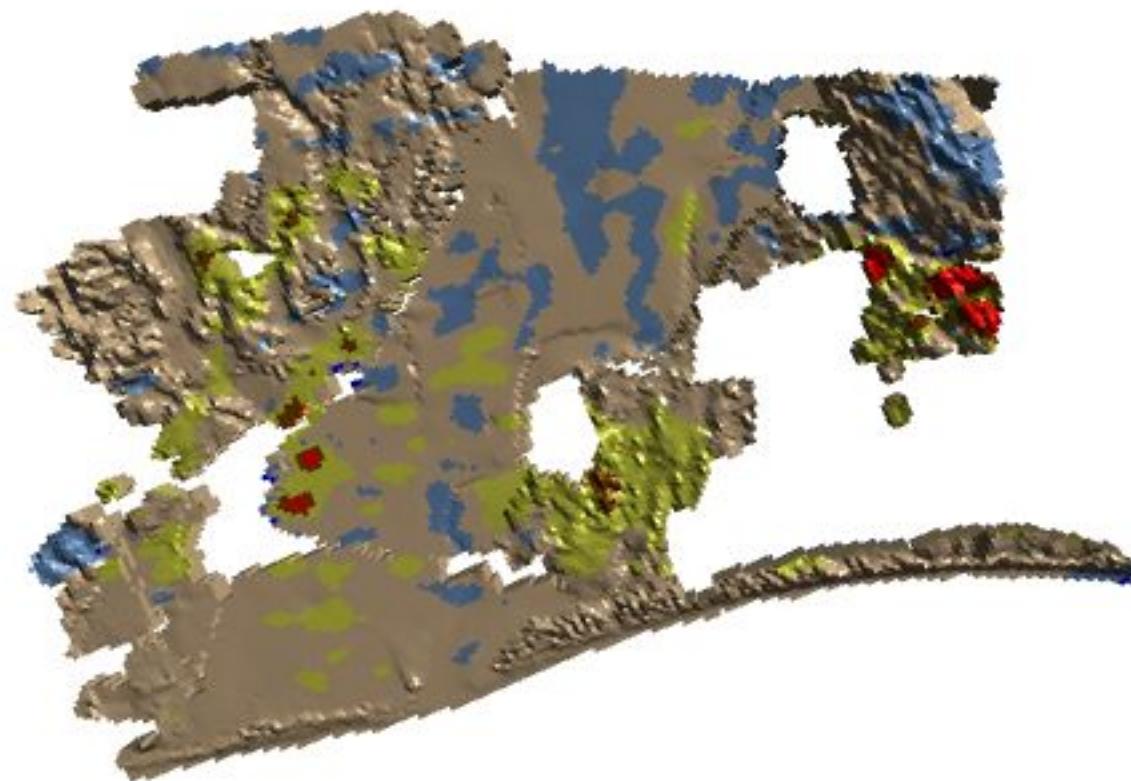
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-148 m / -486 ft

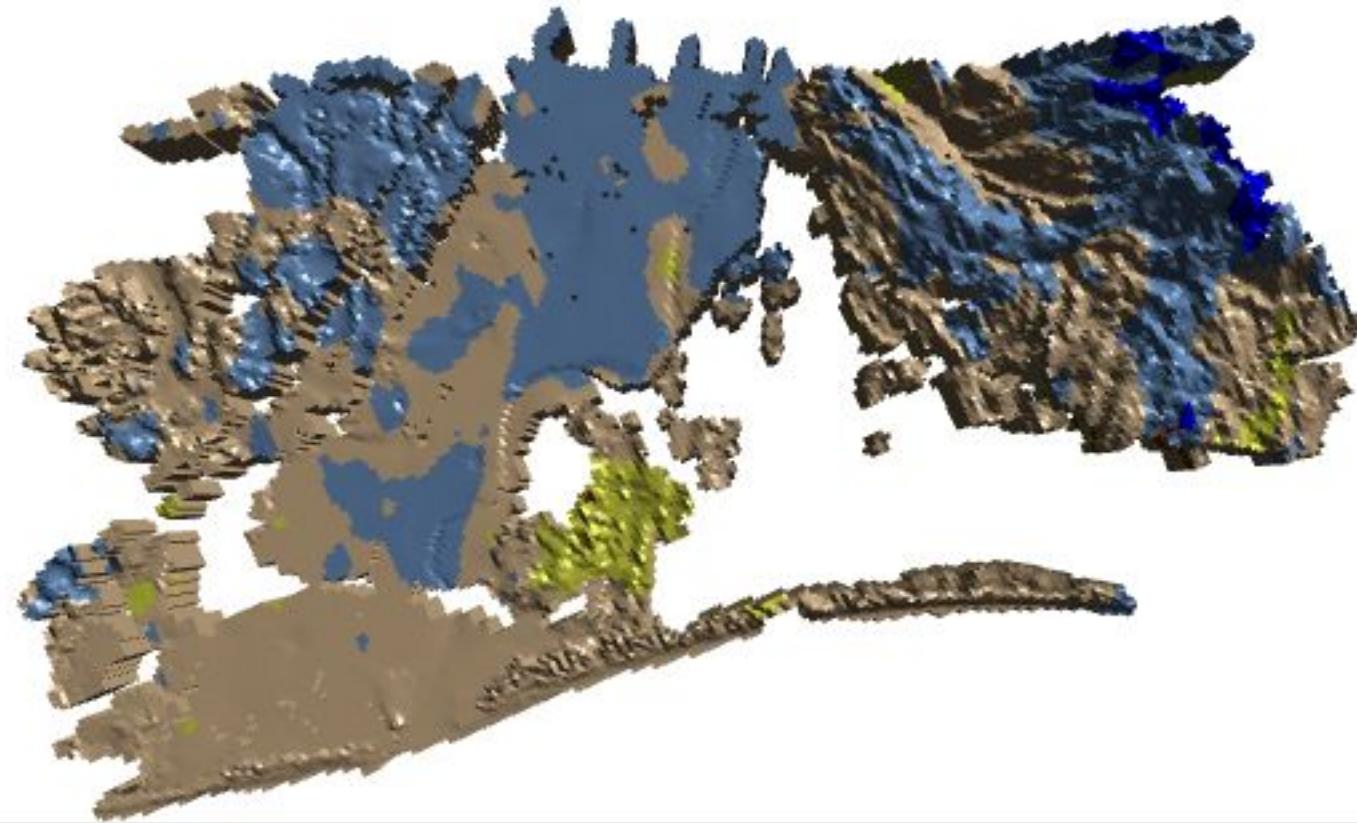
3D Map - 2017 CL Concentration



A2-CL-34

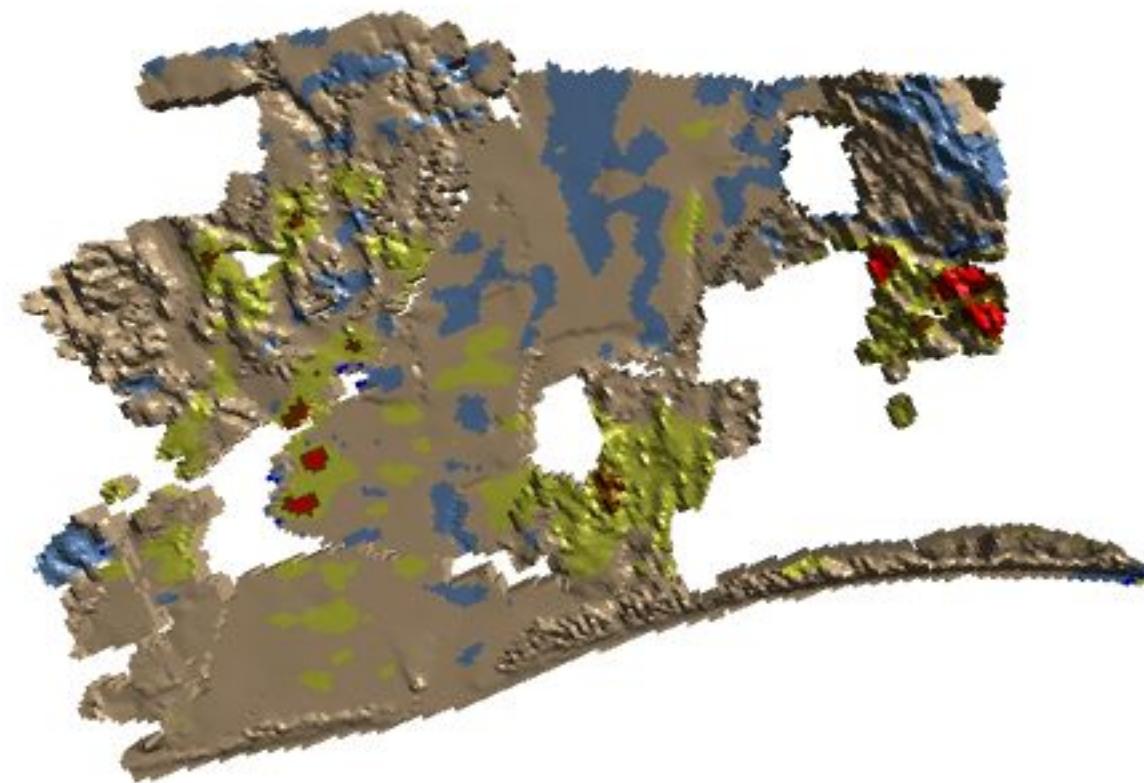
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-152 m / -499 ft

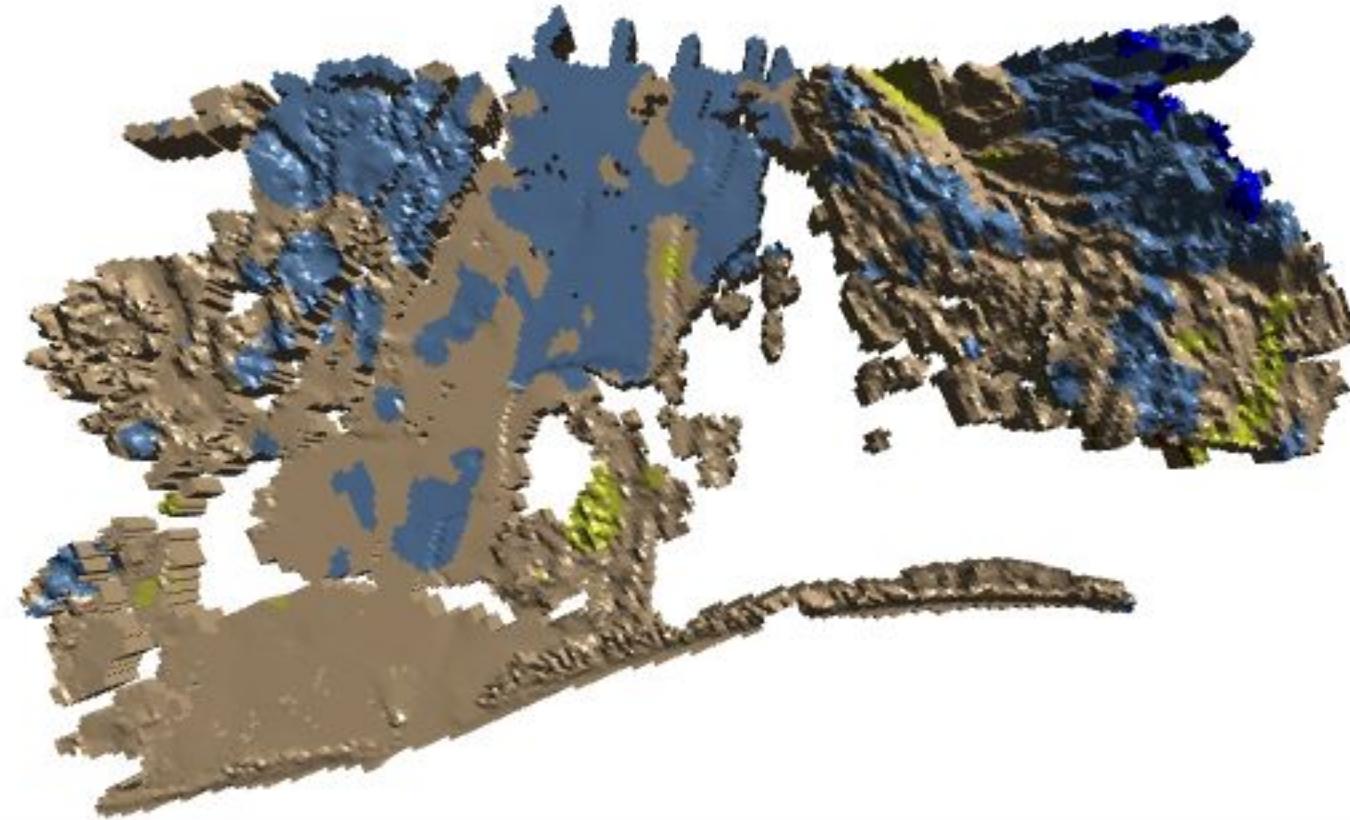
3D Map - 2017 CL Concentration



A2-CL-35

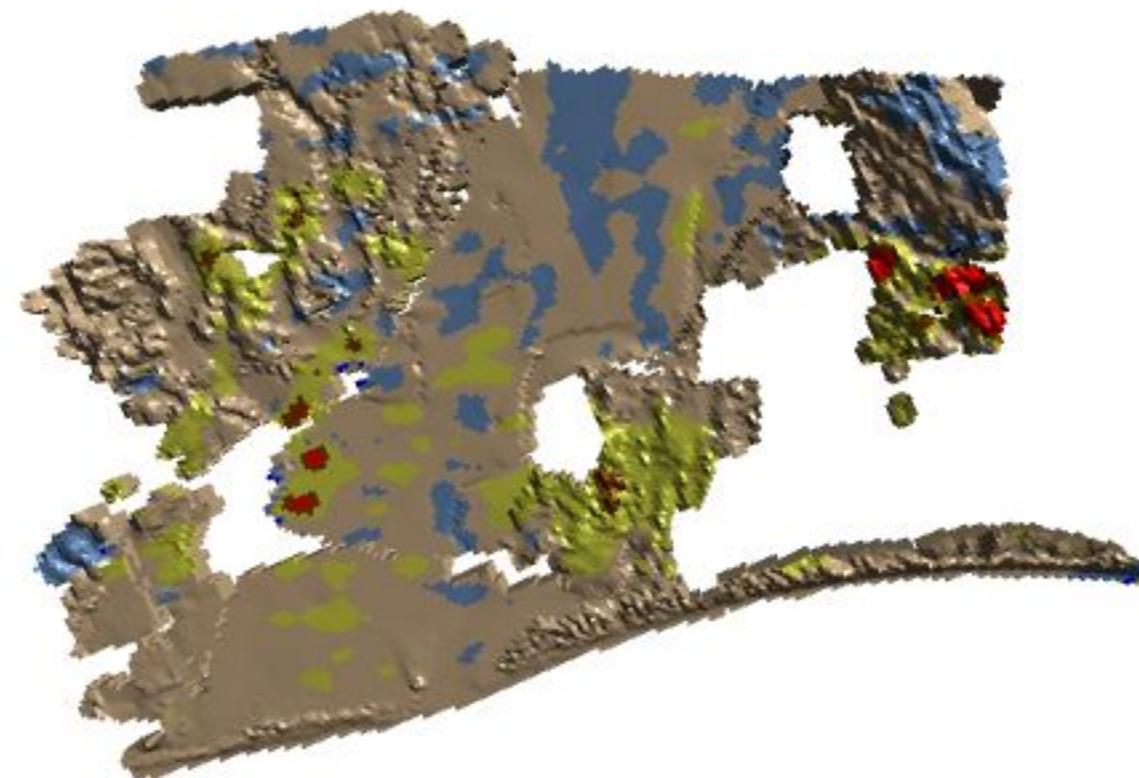
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



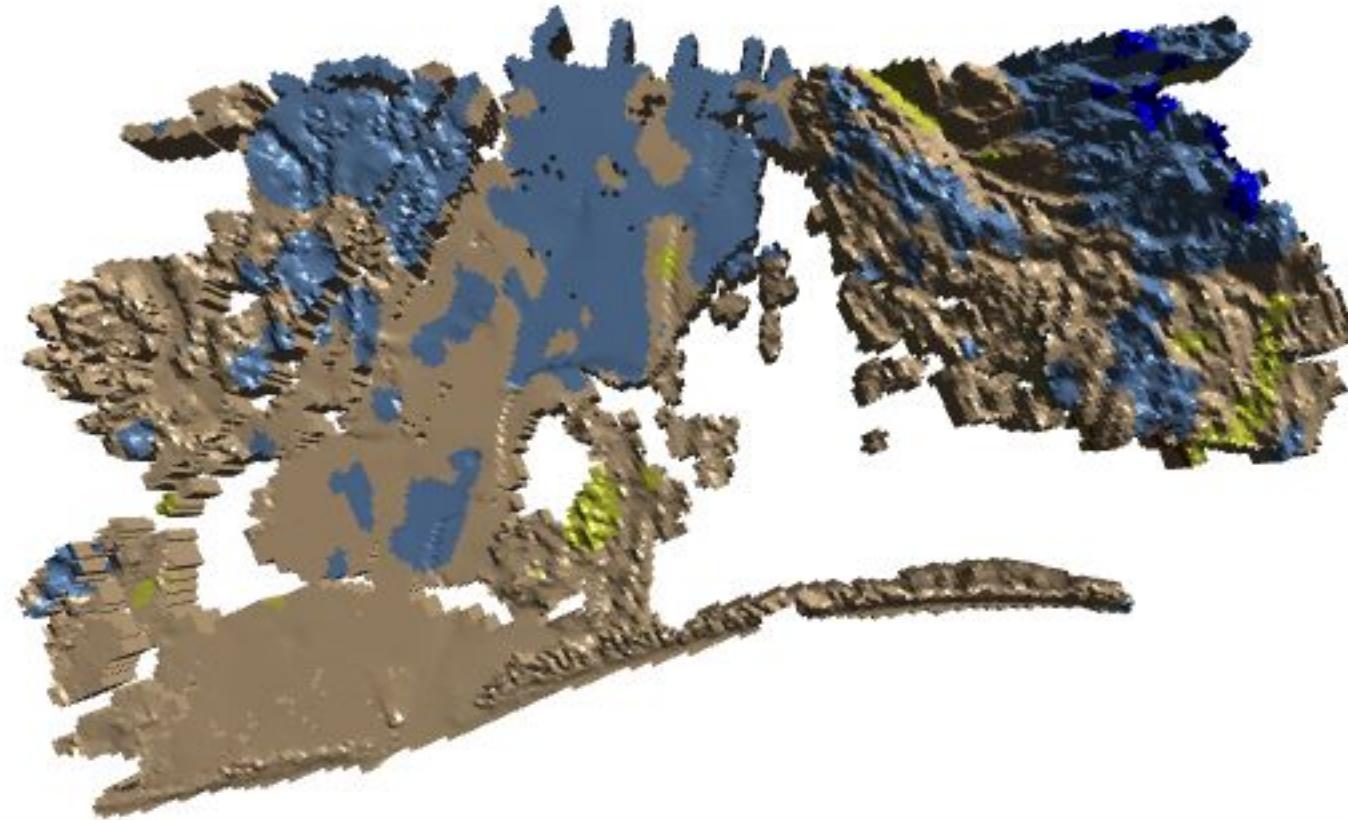
-157 m/-515 ft

3D Map - 2017 CL Concentration



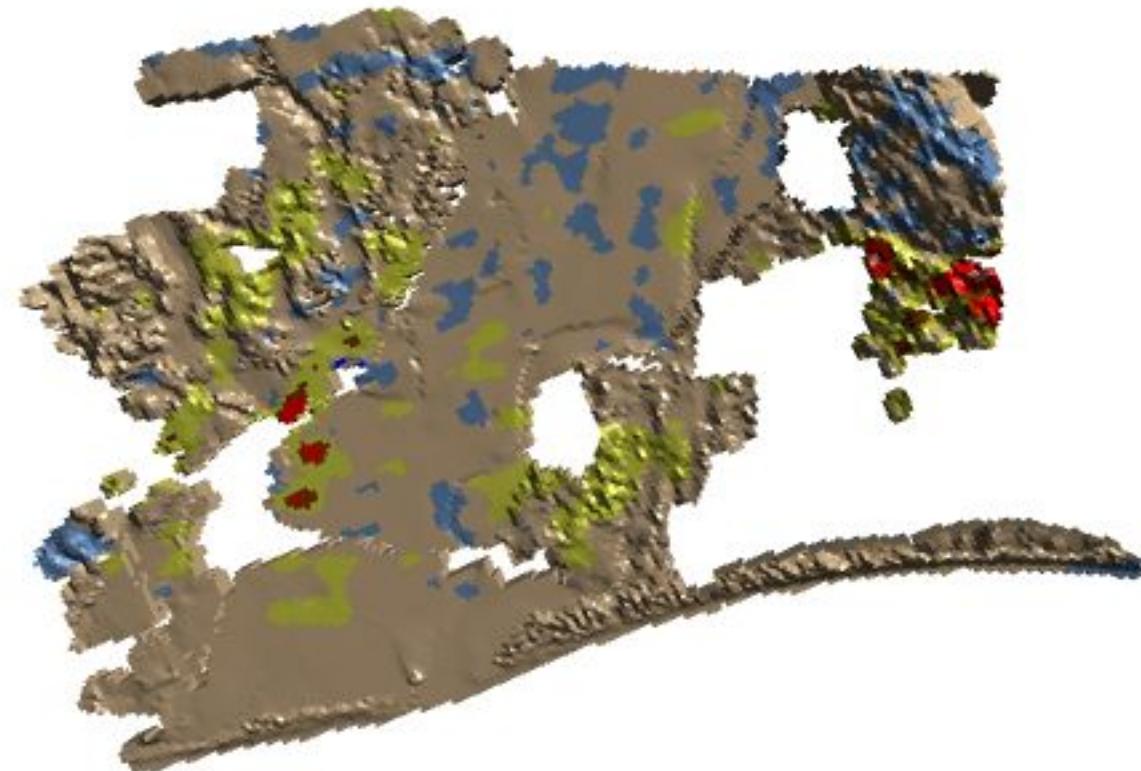
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-163 m / -534 ft

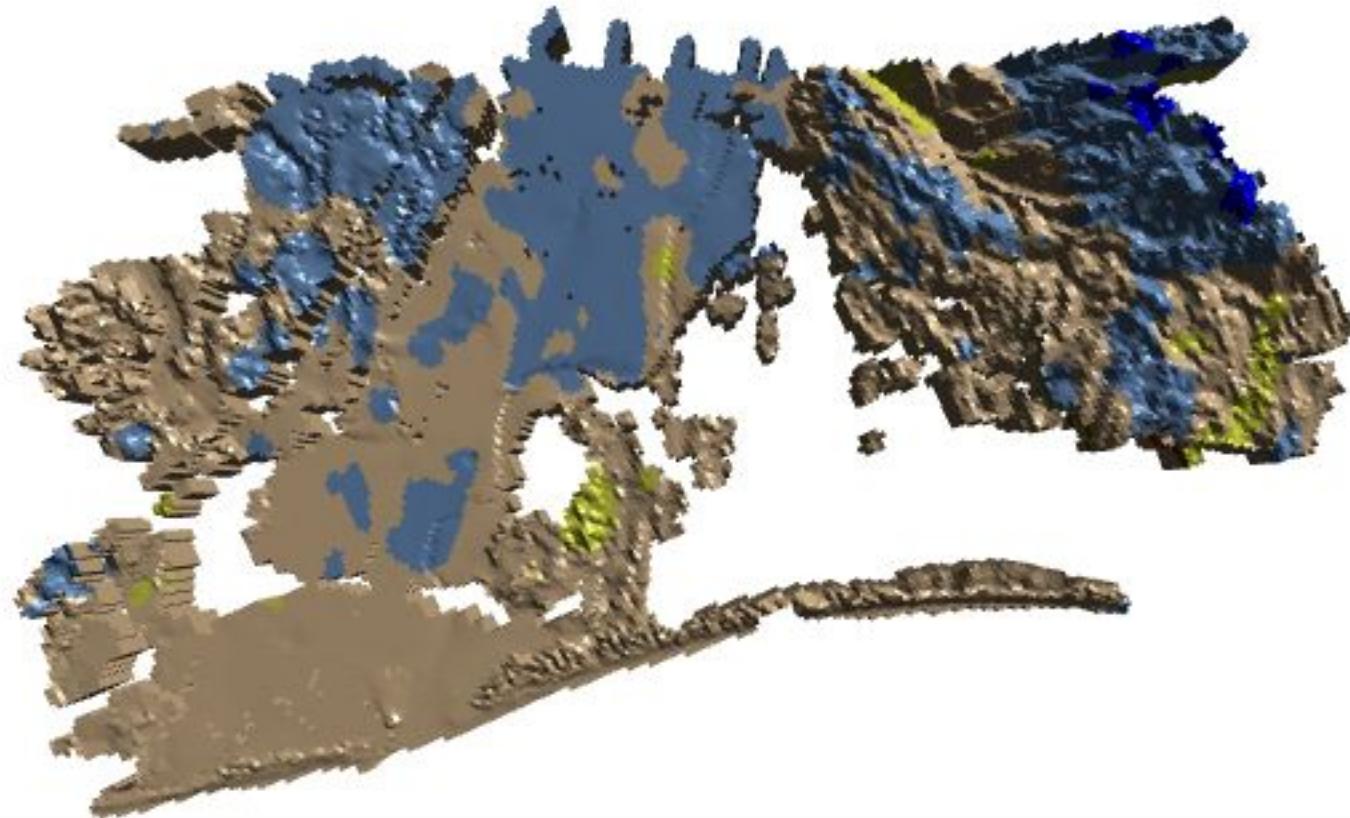
3D Map - 2017 CL Concentration



A2-CL-37

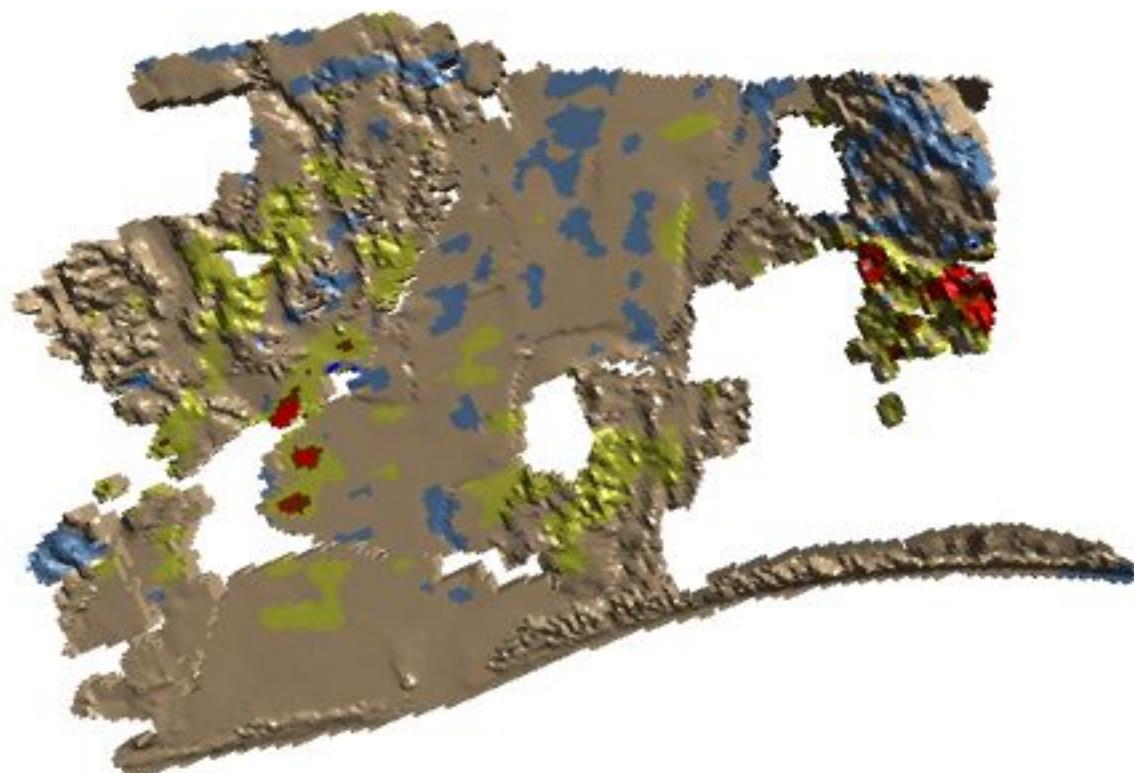
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-167 m/-548 ft

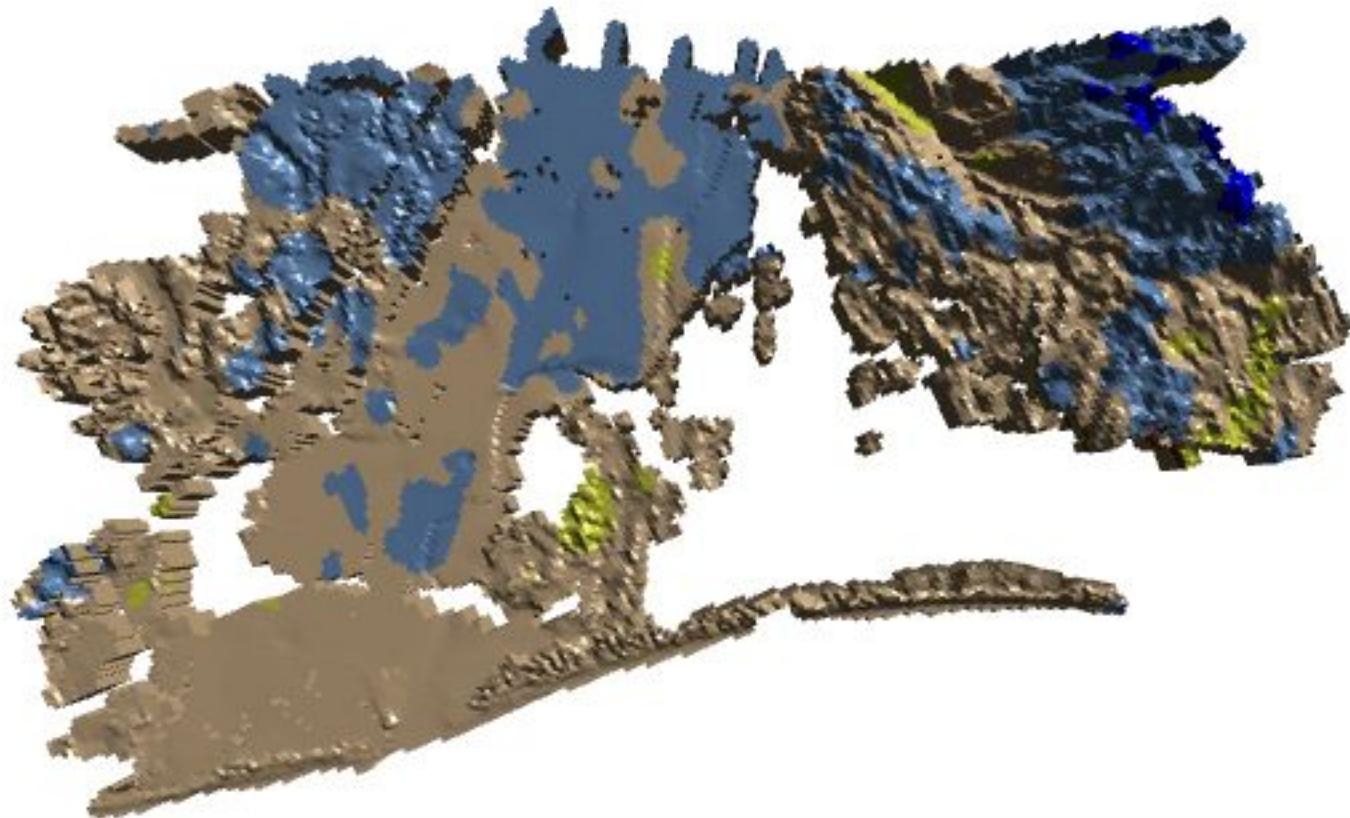
3D Map - 2017 CL Concentration



A2-CL-38

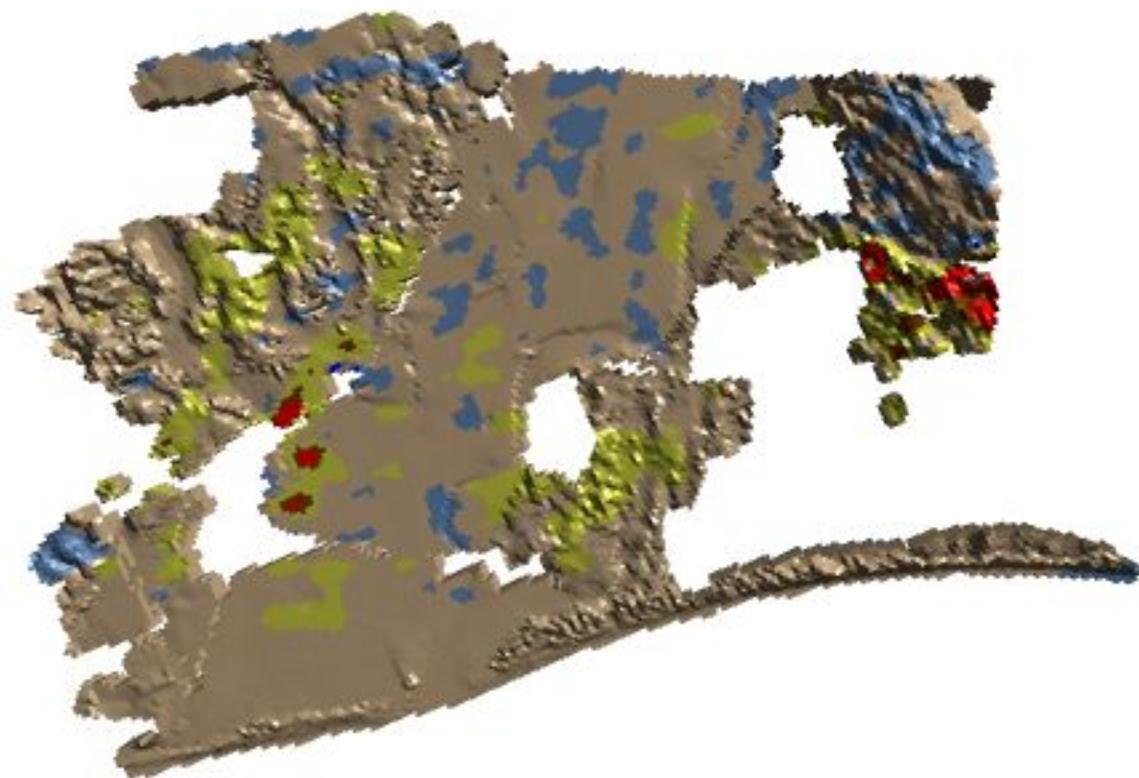
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-172 m / -564 ft

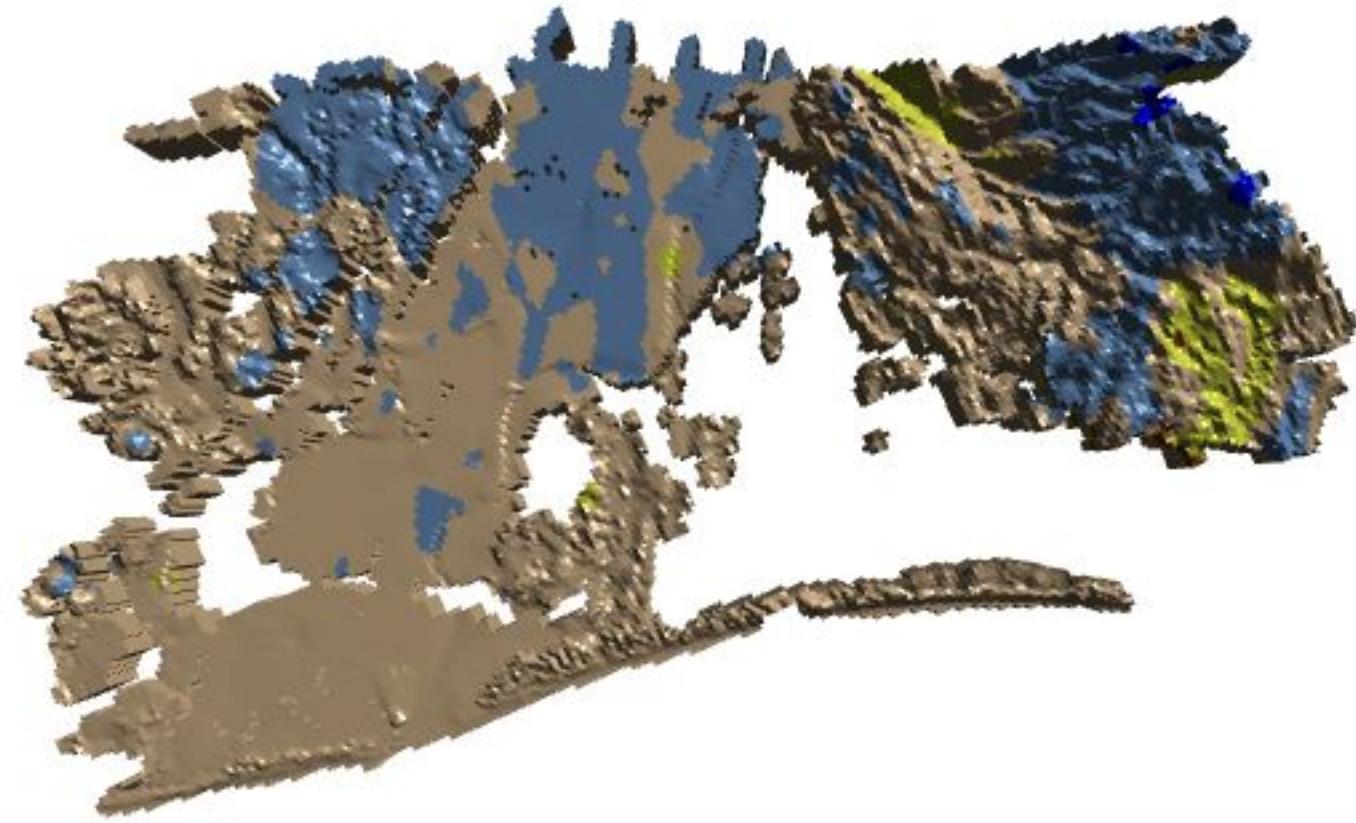
3D Map - 2017 CL Concentration



A2-CL-39

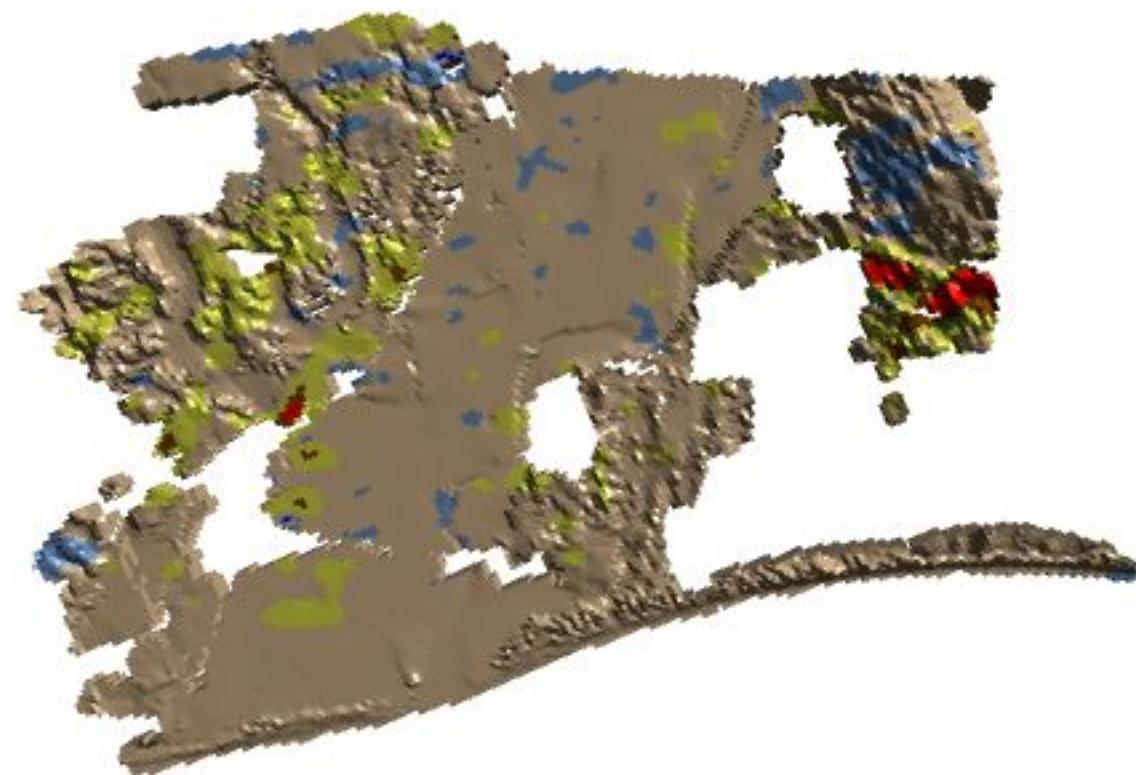
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-176 m / -577 ft

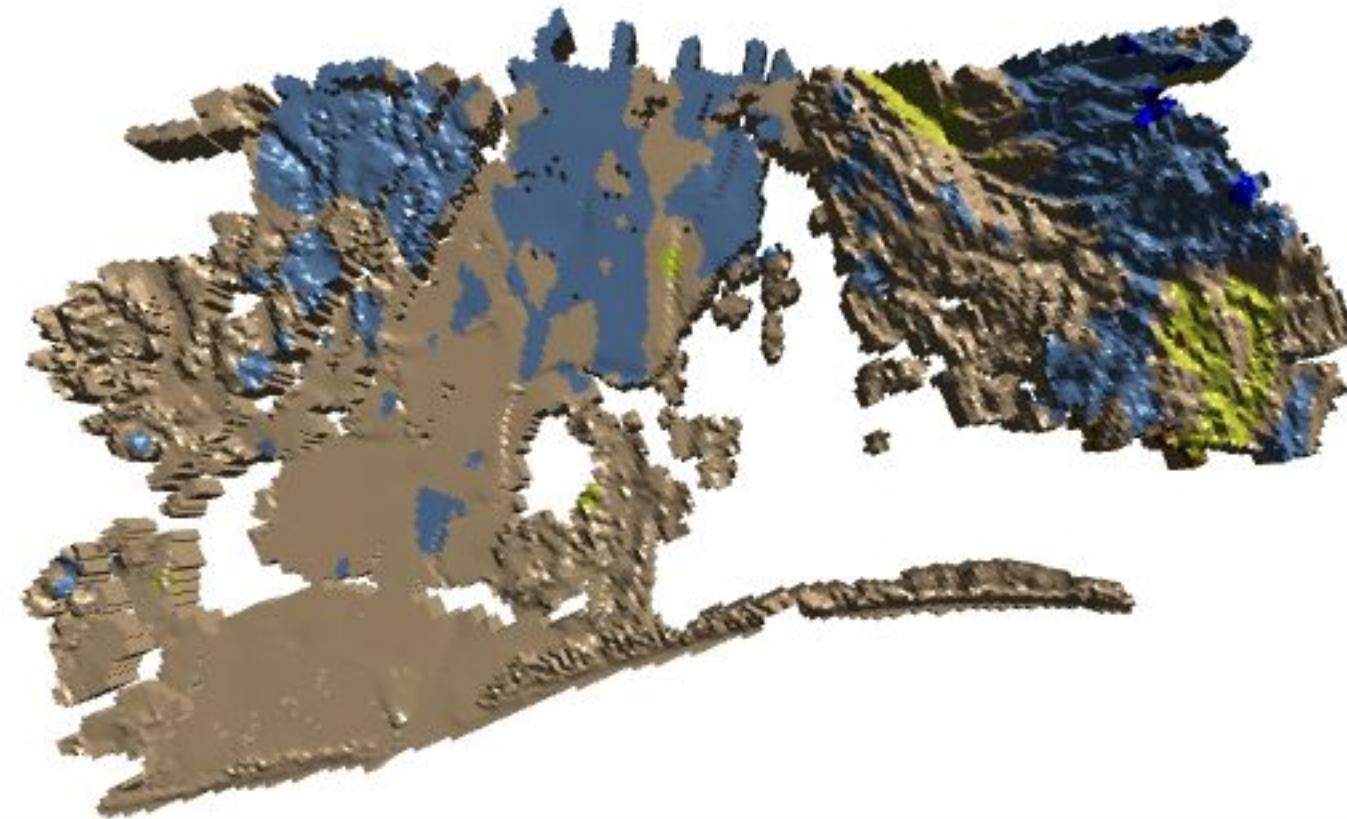
3D Map - 2017 CL Concentration



A2-CL-40

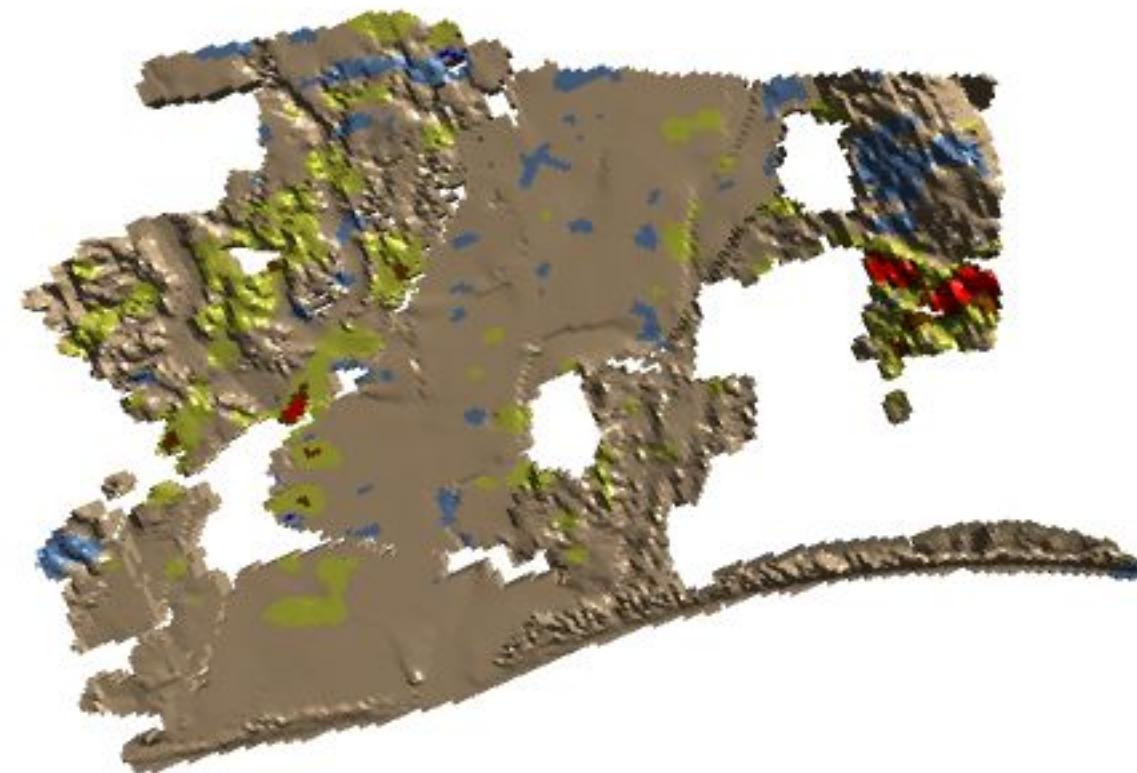
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-181 m/-594 ft

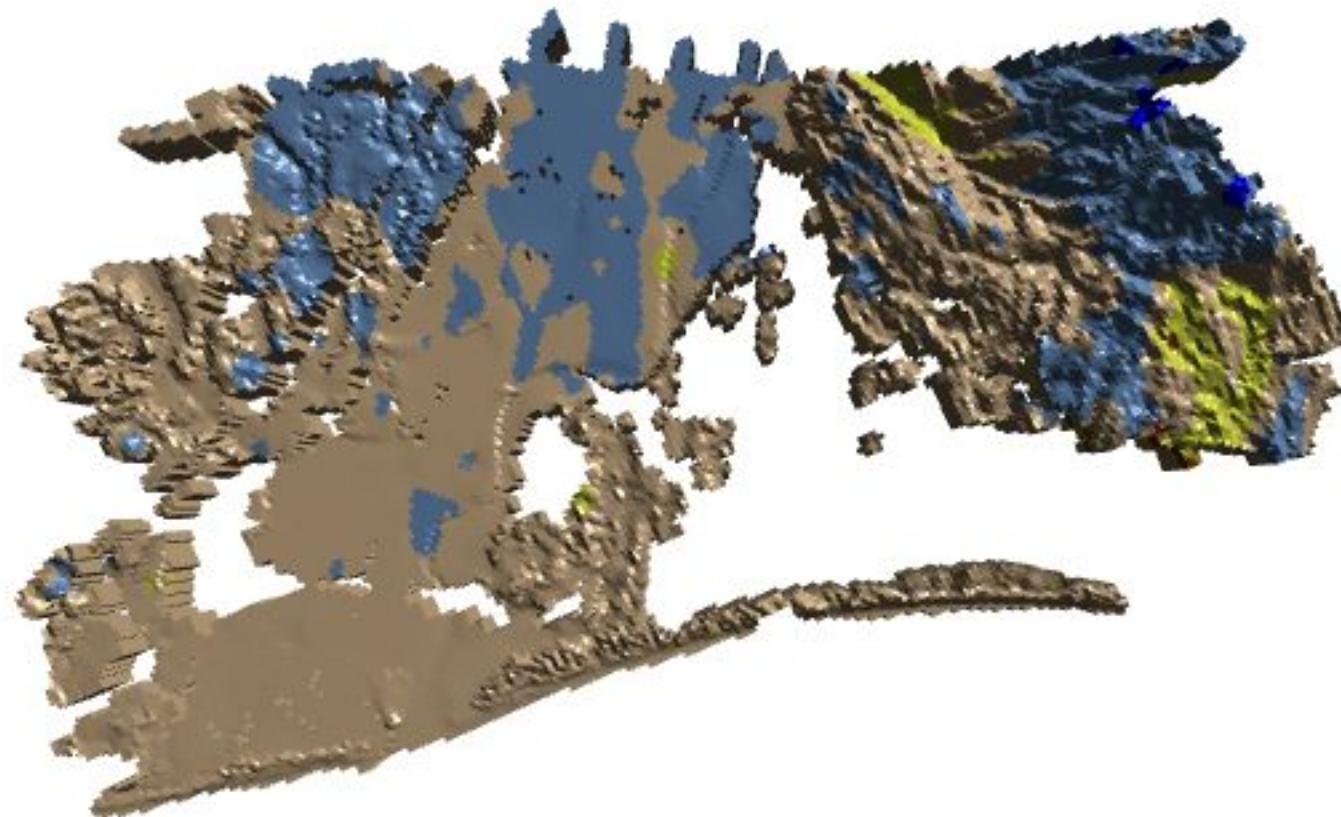
3D Map - 2017 CL Concentration



A2-CL-41

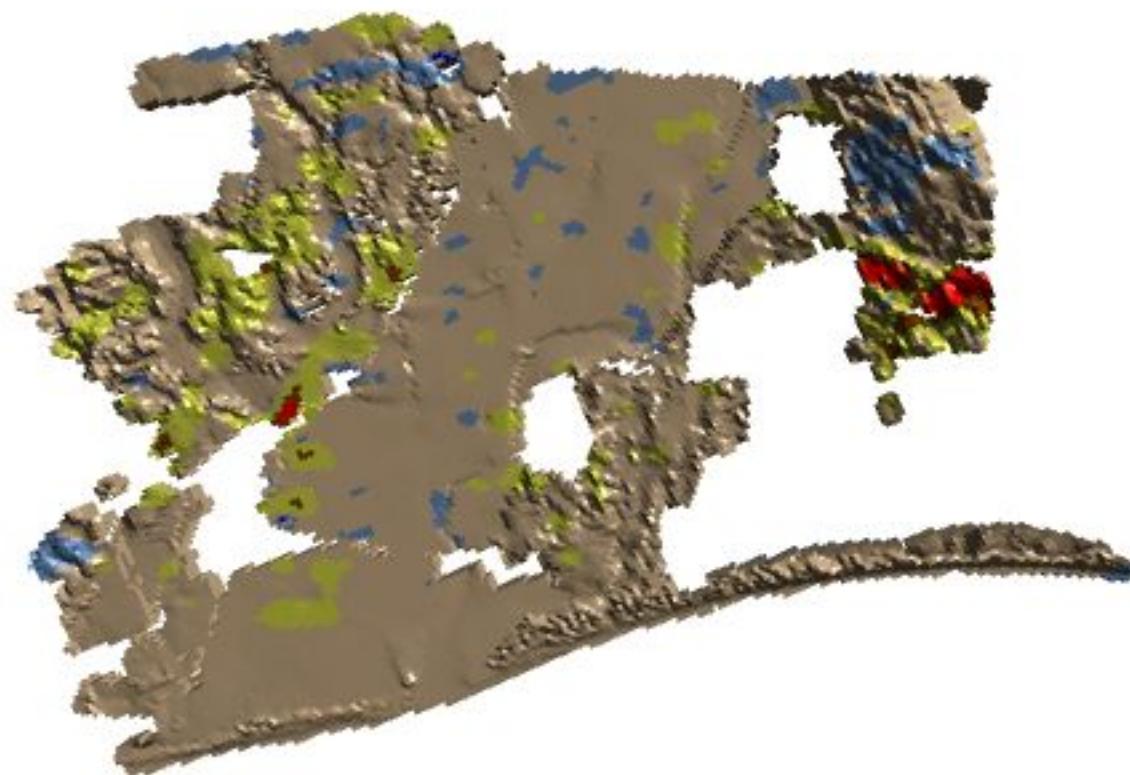
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-187 m / -614 ft

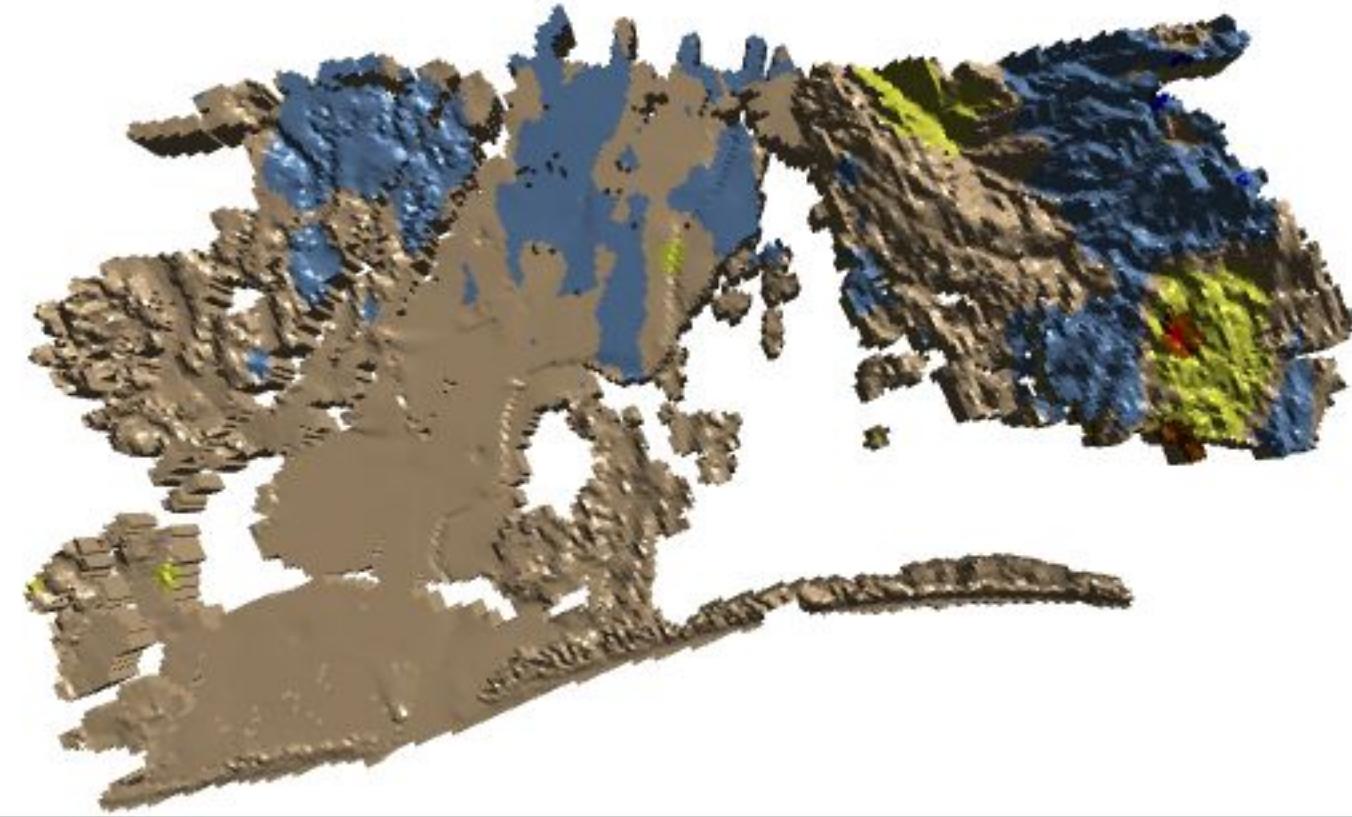
3D Map - 2017 CL Concentration



A2-CL-42

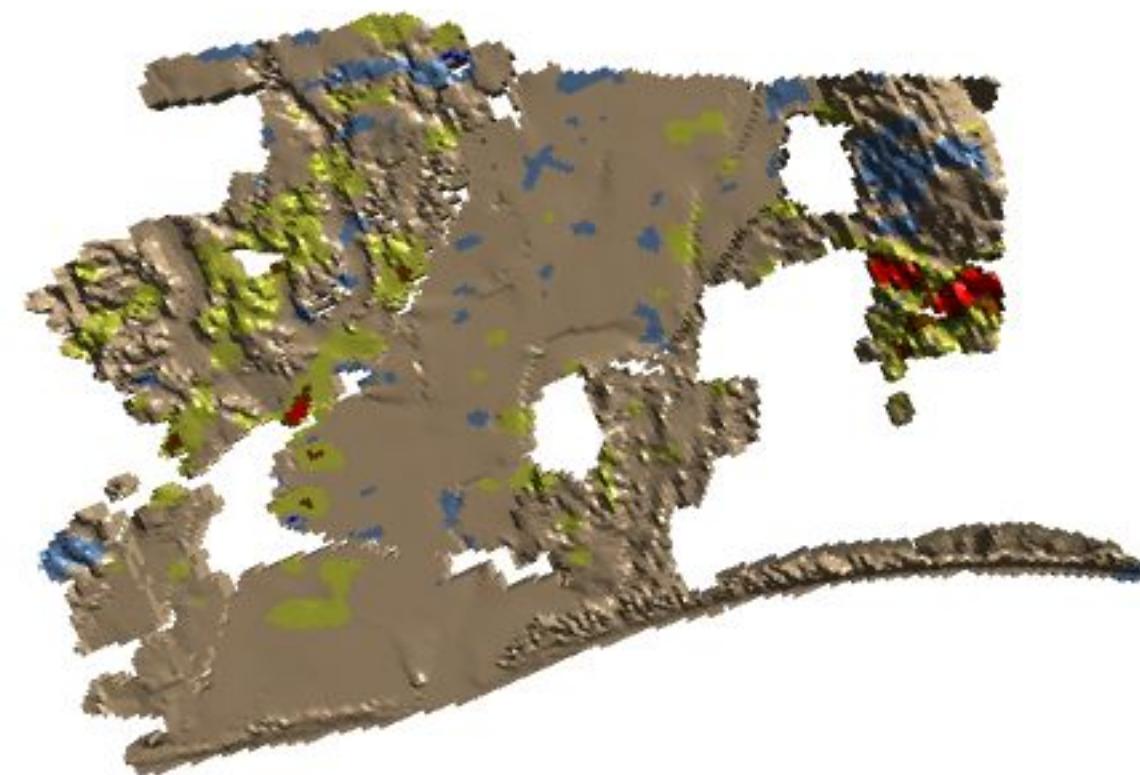
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-191 m / -627 ft

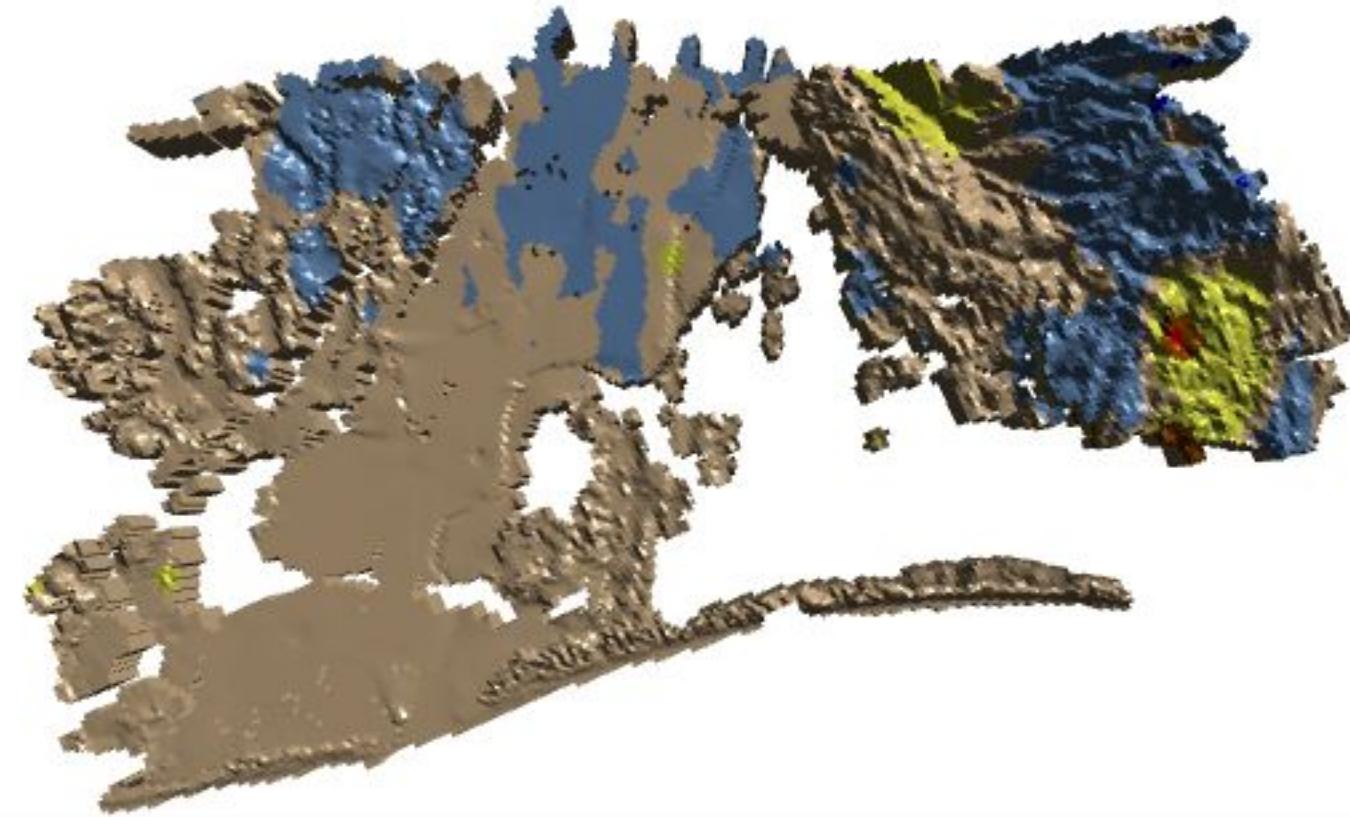
3D Map - 2017 CL Concentration



A2-CL-43

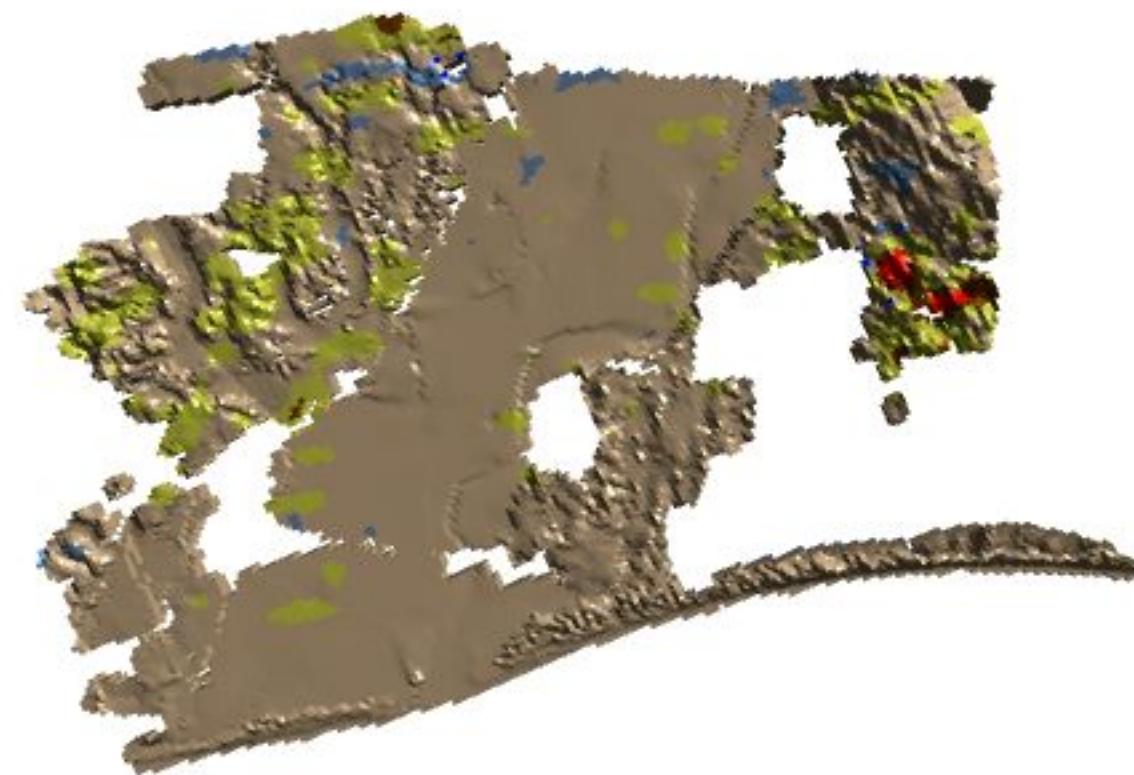
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-197 m / -646 ft

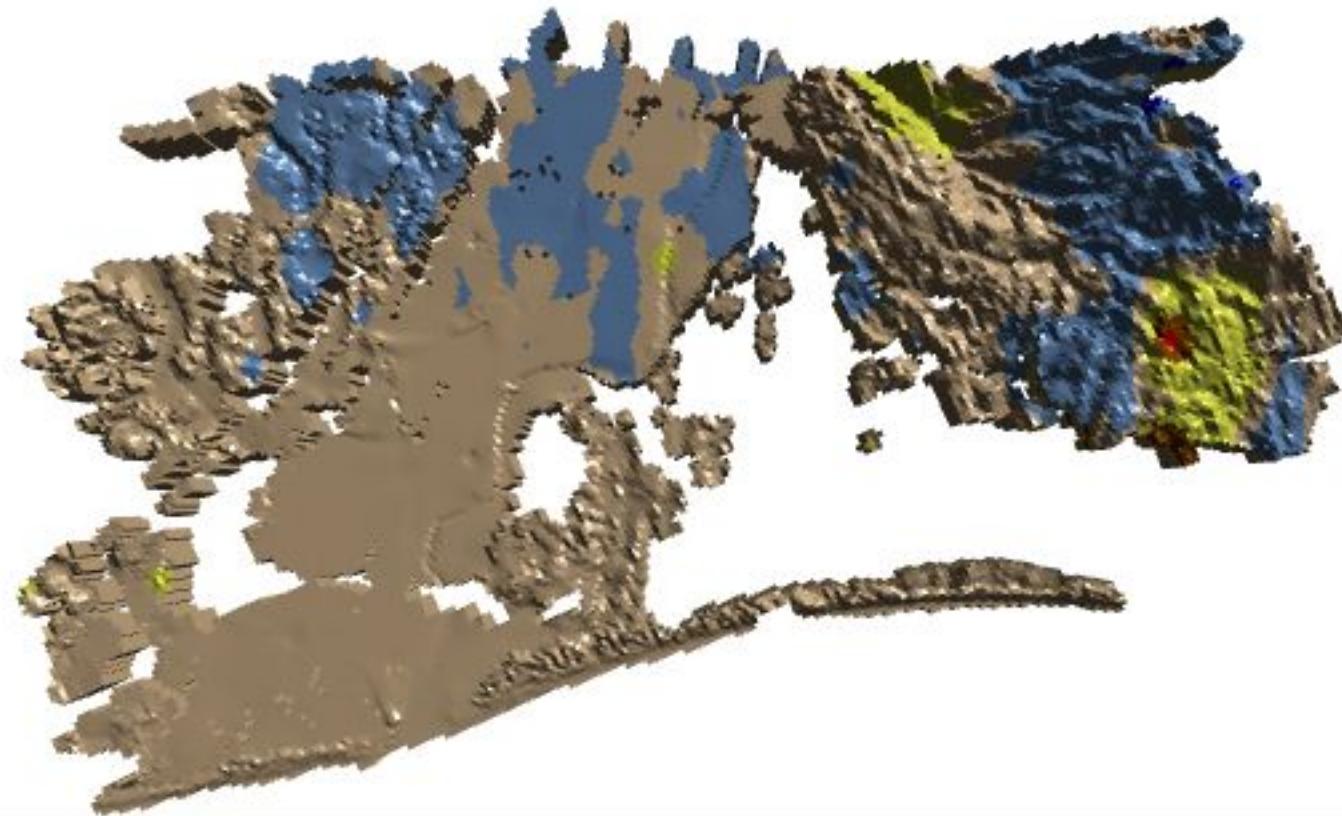
3D Map - 2017 CL Concentration



A2-CL-44

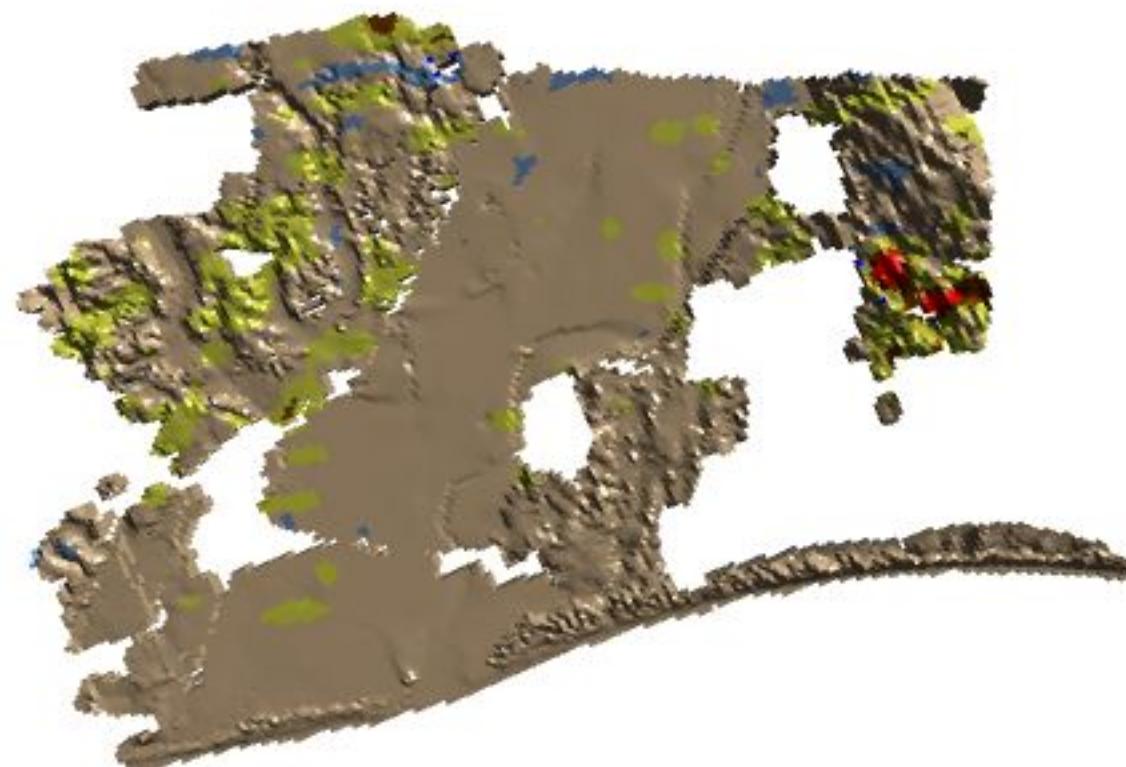
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-200 m / -656 ft

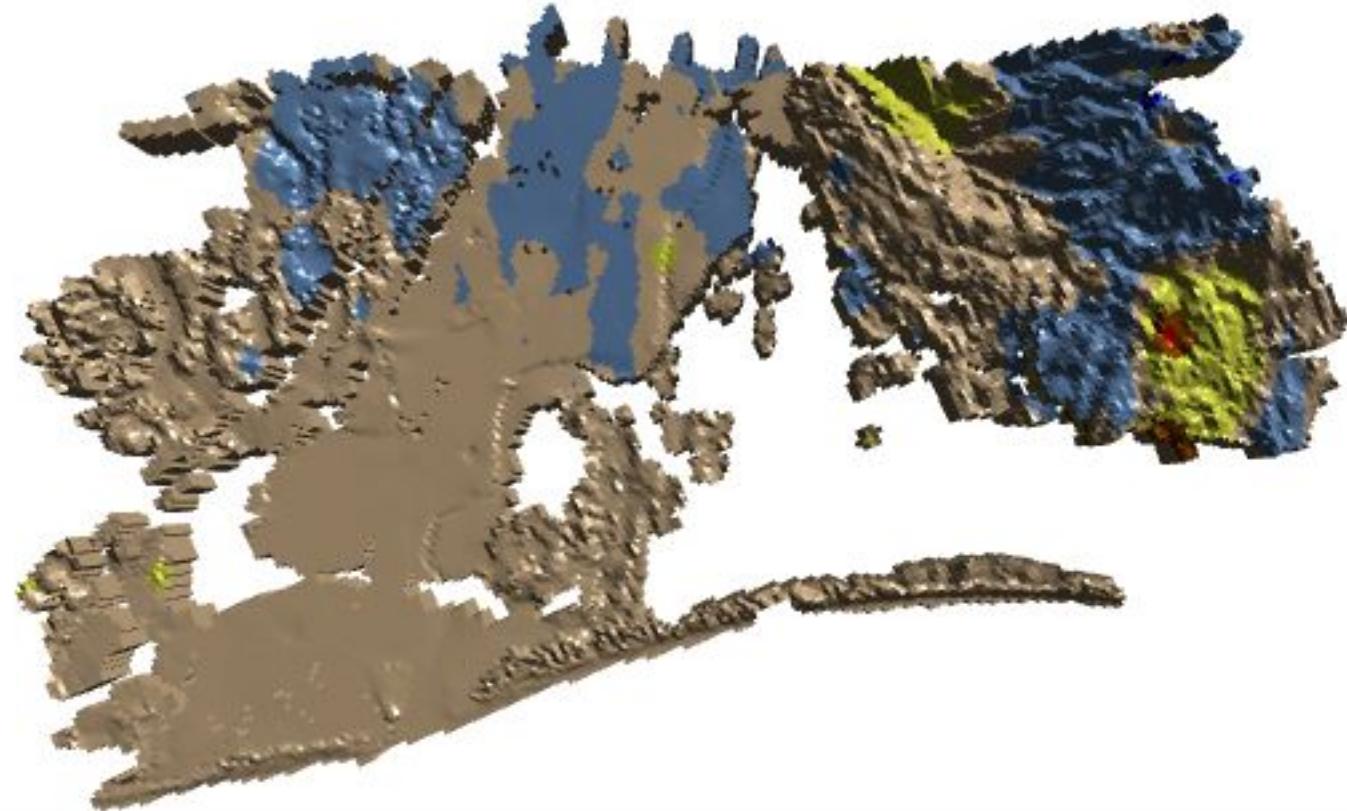
3D Map - 2017 CL Concentration



A2-CL-45

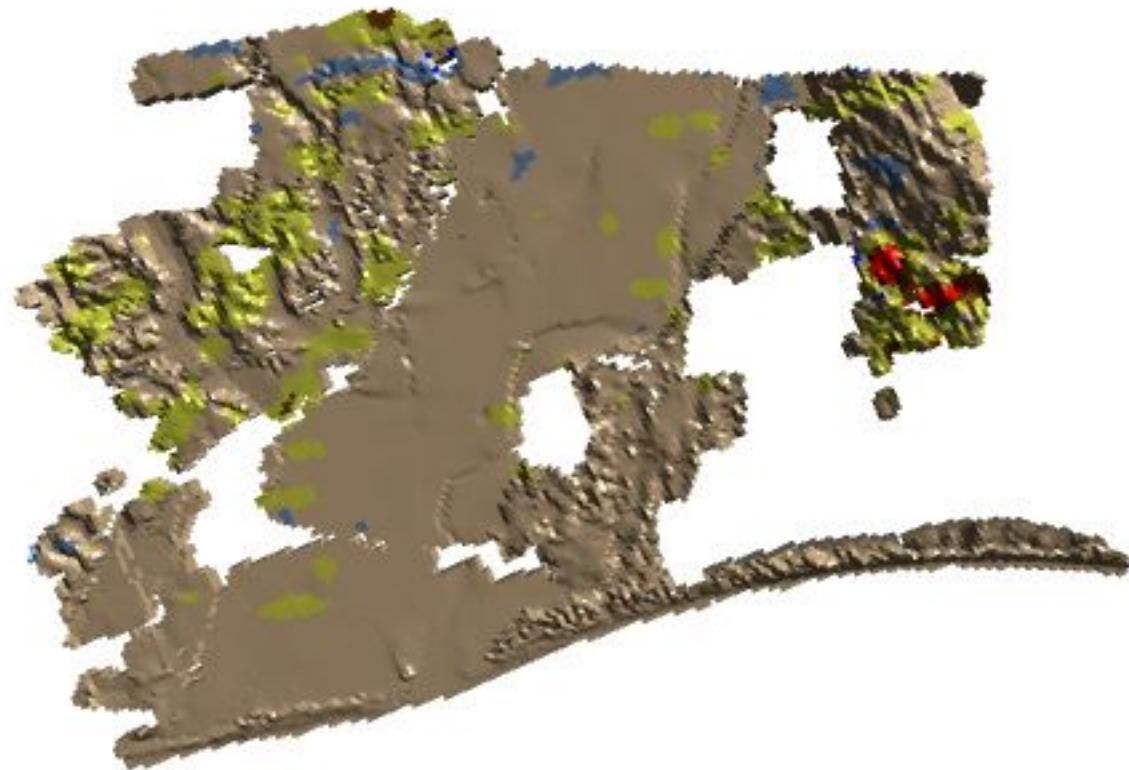
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices

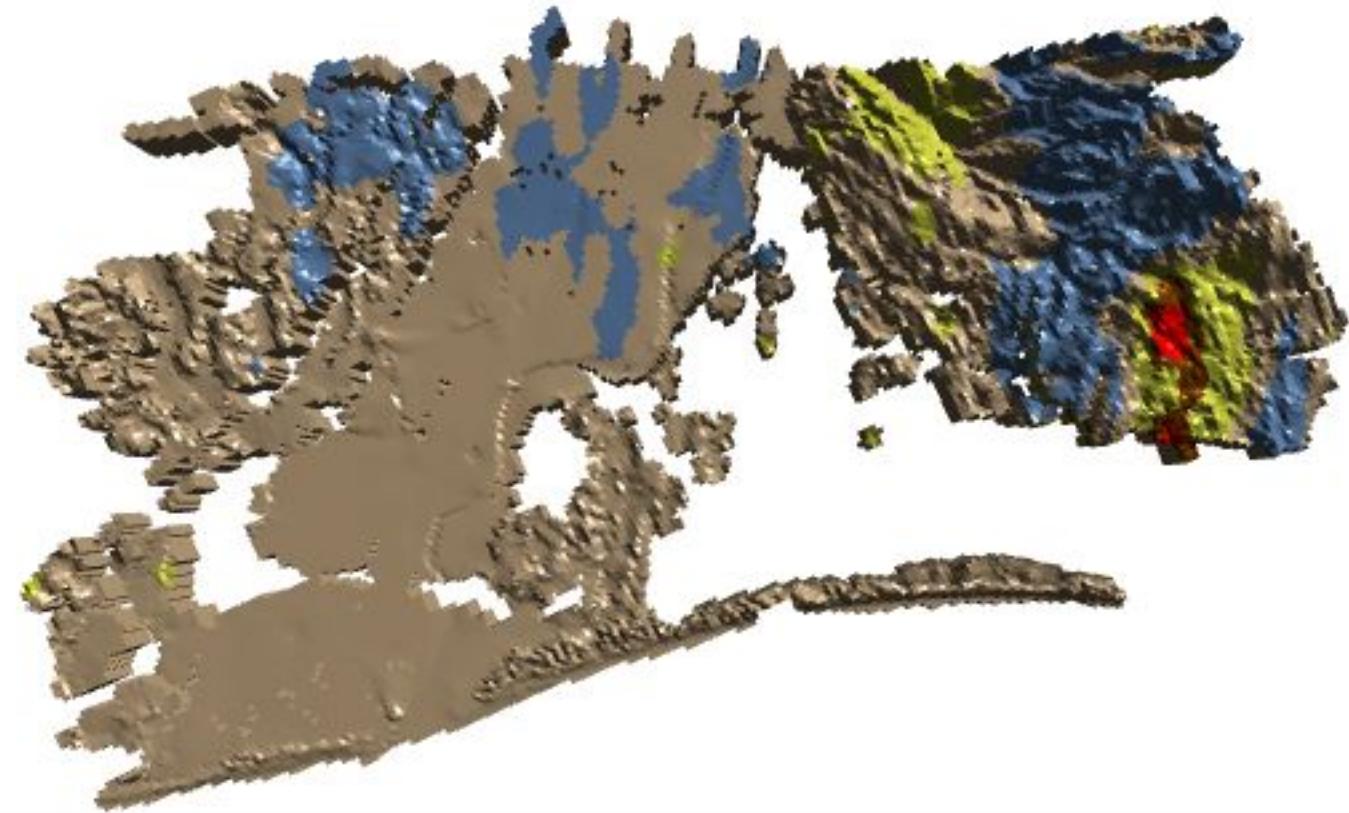


-205 m / -673 ft

3D Map - 2017 CL Concentration

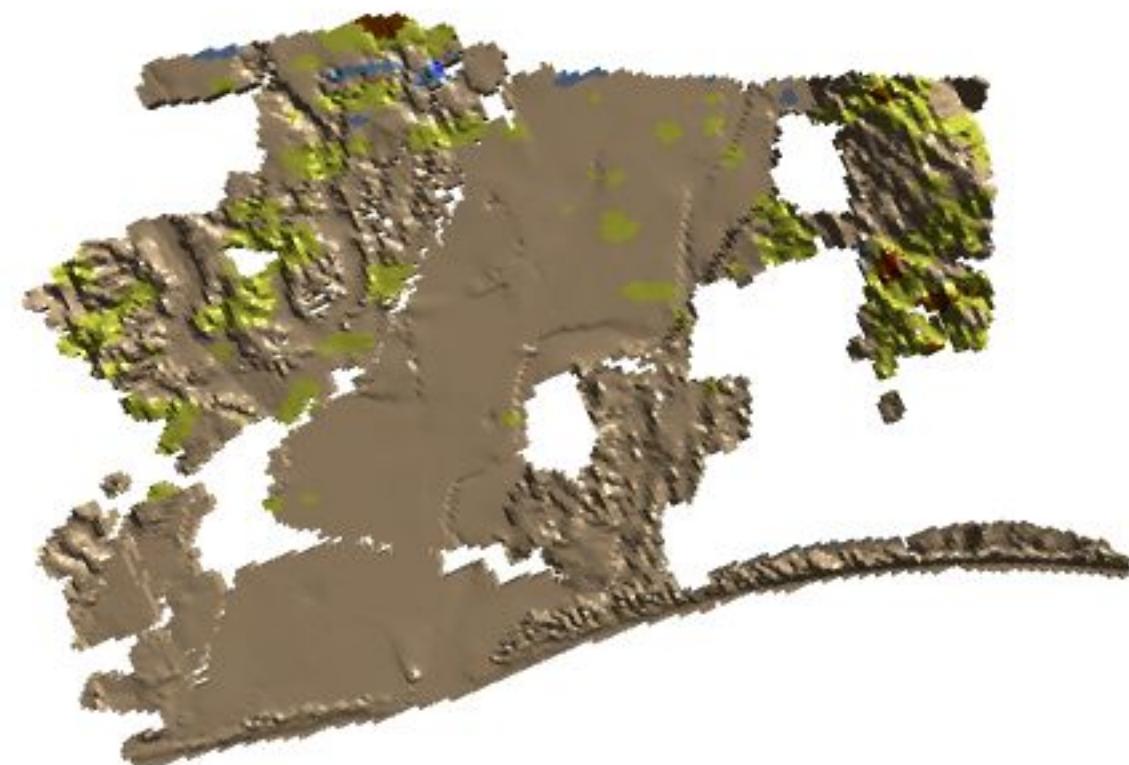


A2-CL-46



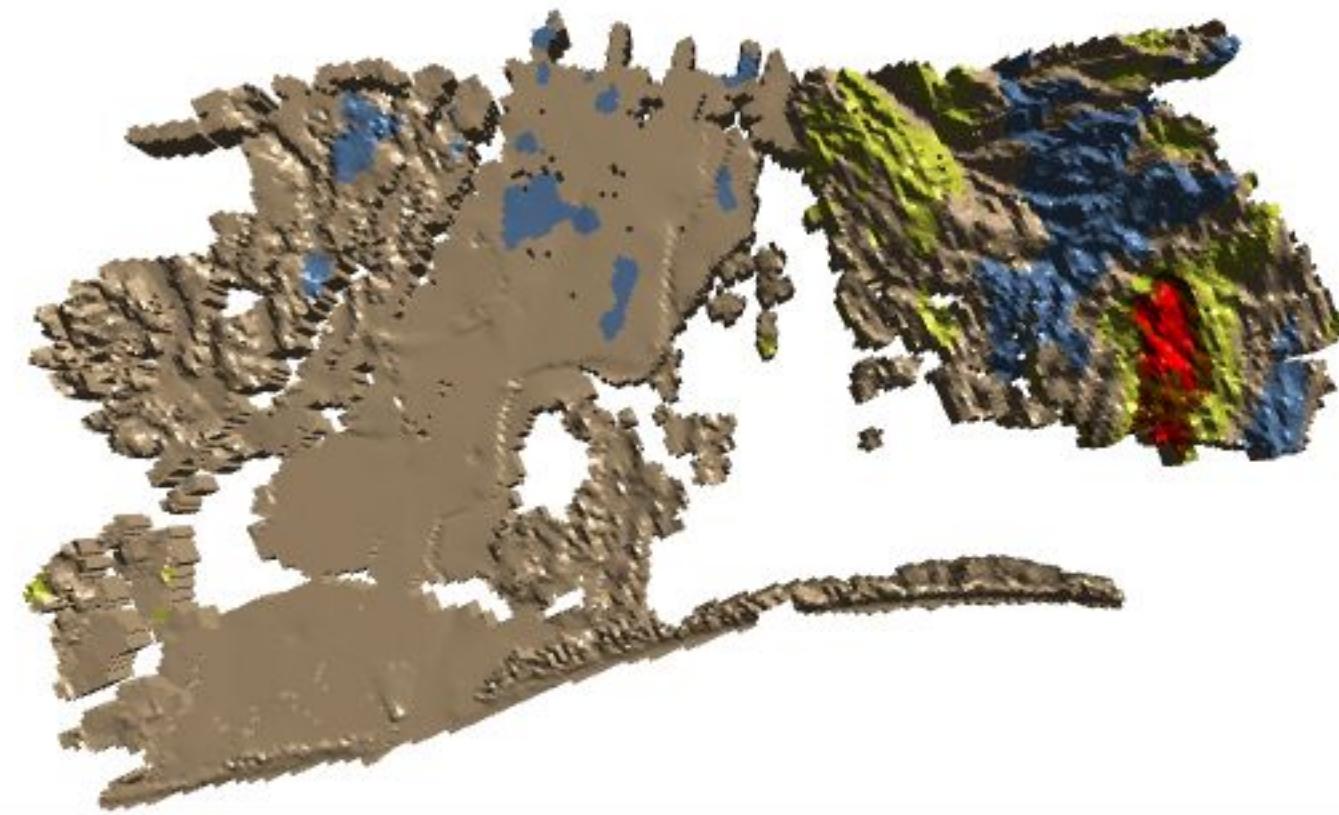
-211 m / -692 ft

3D Map - 2017 CL Concentration



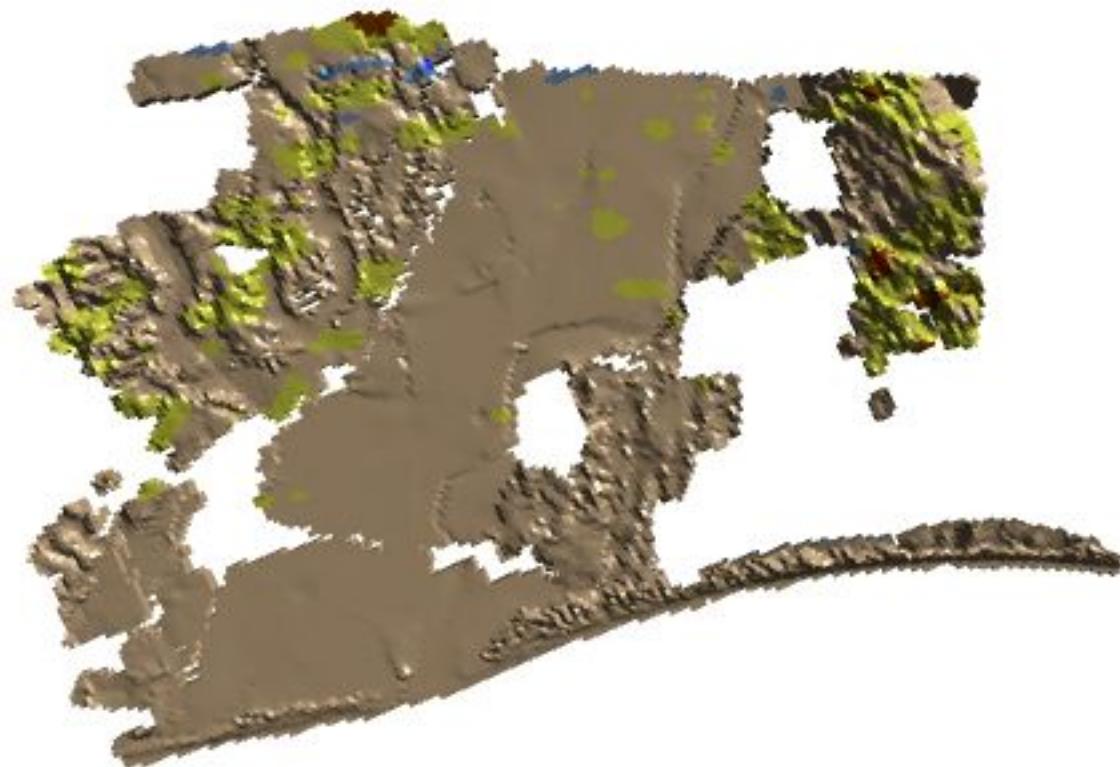
3D Map - 2019 CL Concentration

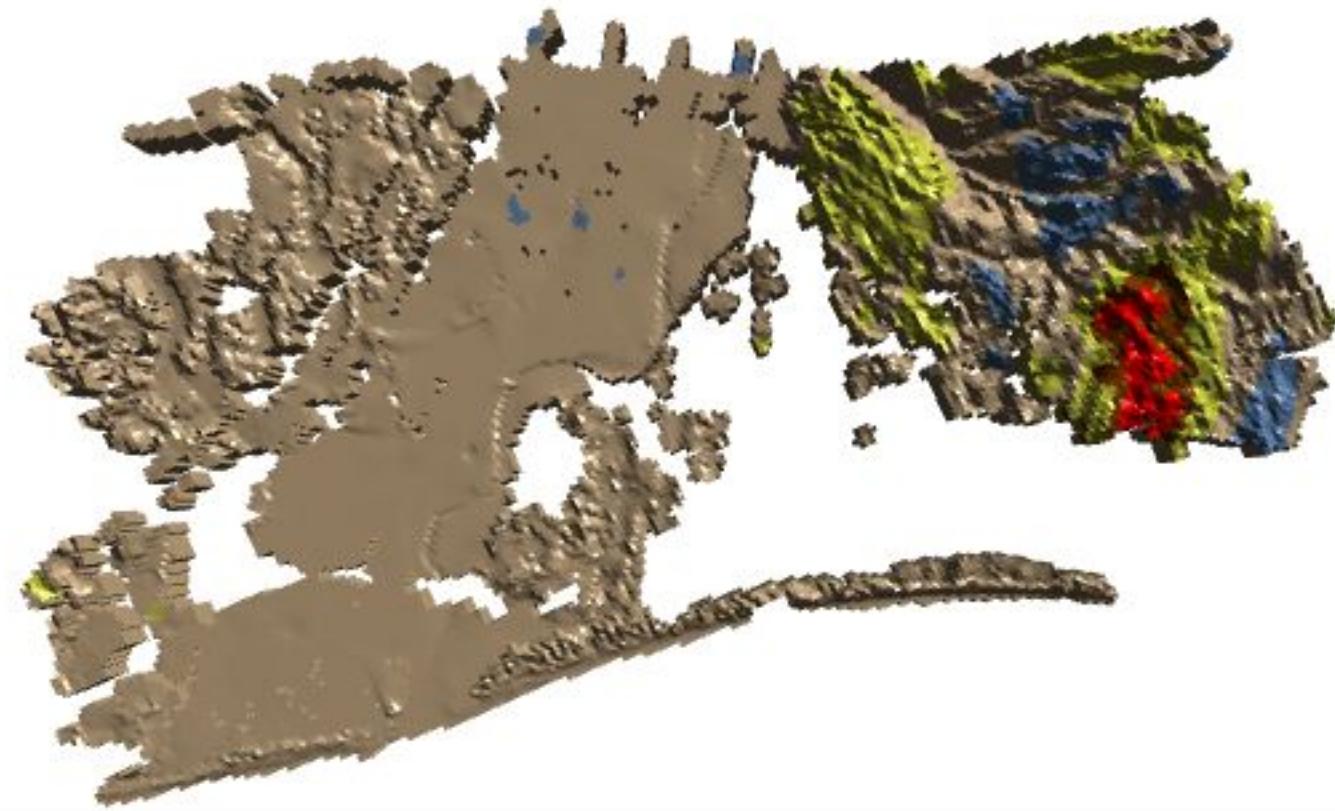
Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-224 m/-735 ft

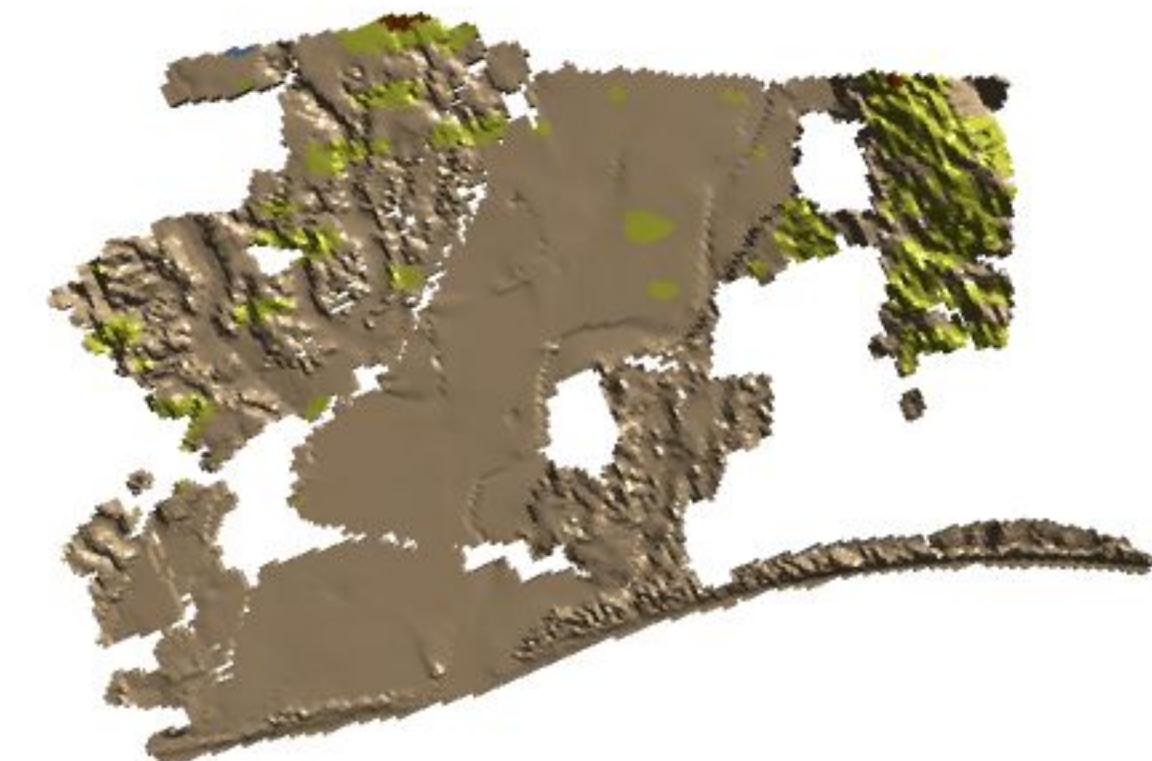
3D Map - 2017 CL Concentration





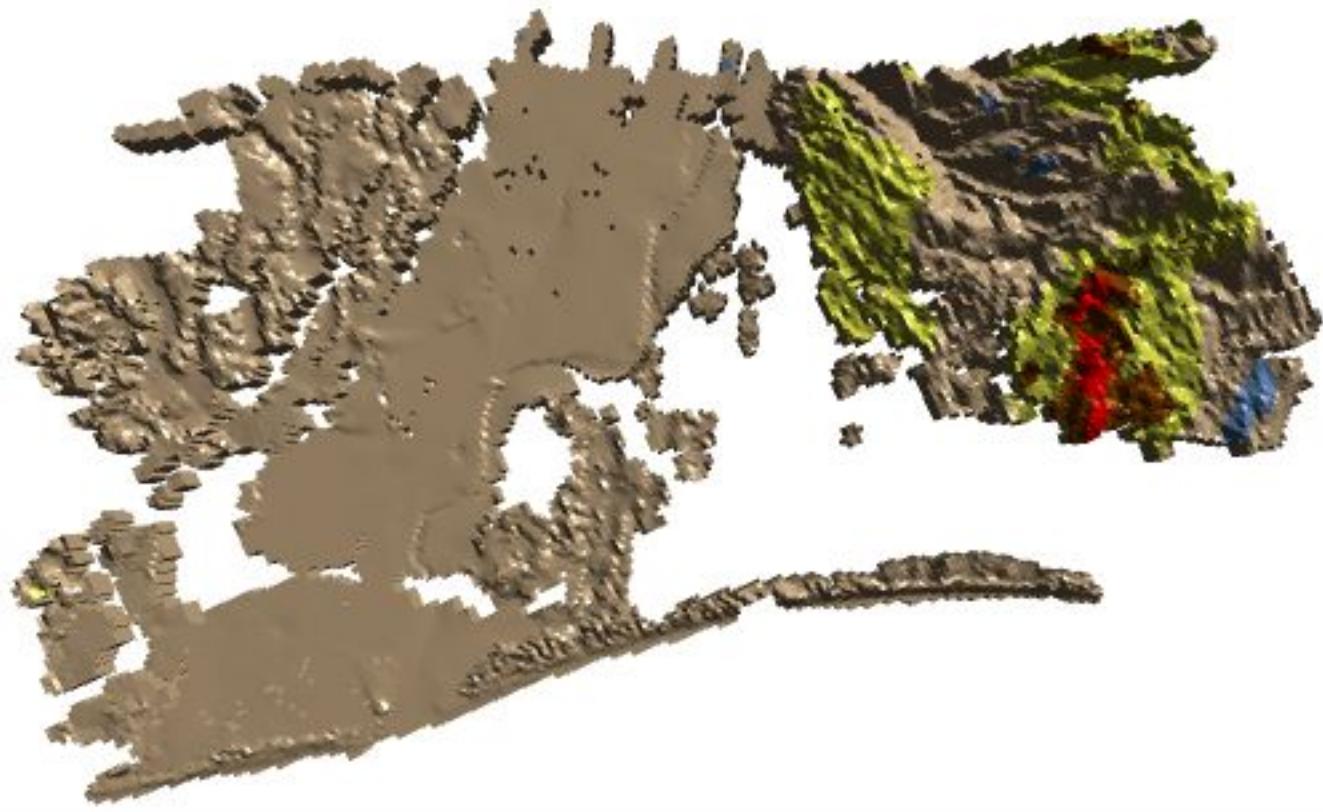
-248 m/-814 ft

3D Map - 2017 CL Concentration



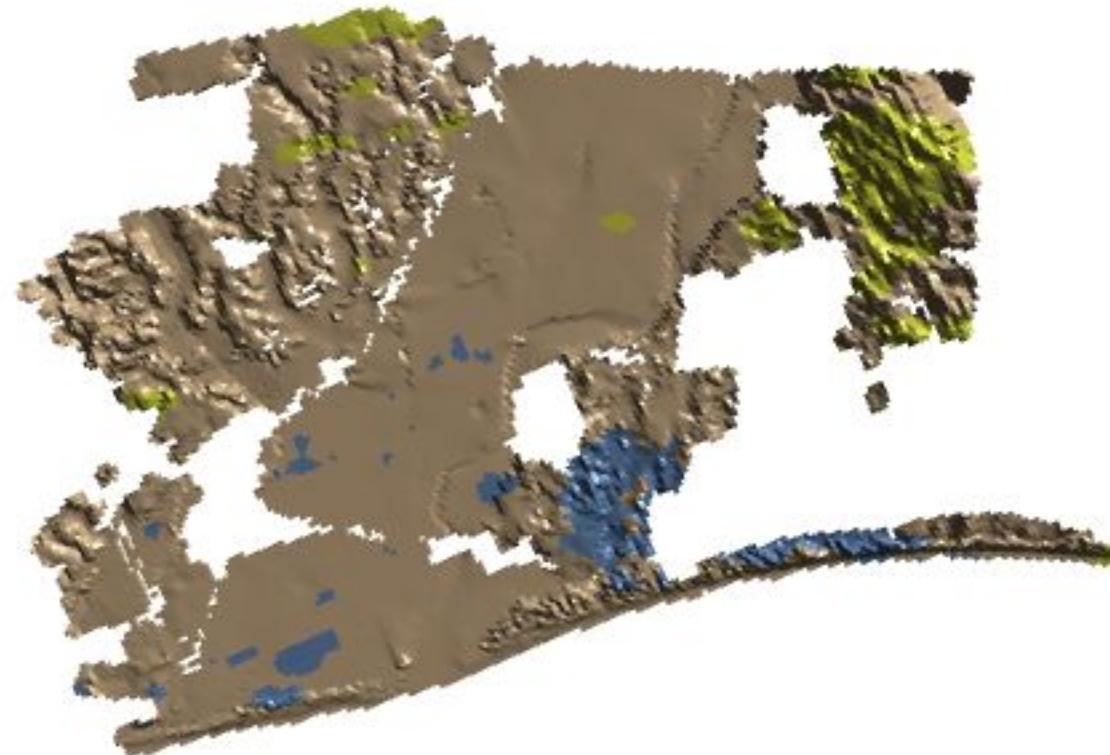
3D Map - 2019 CL Concentration

Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices

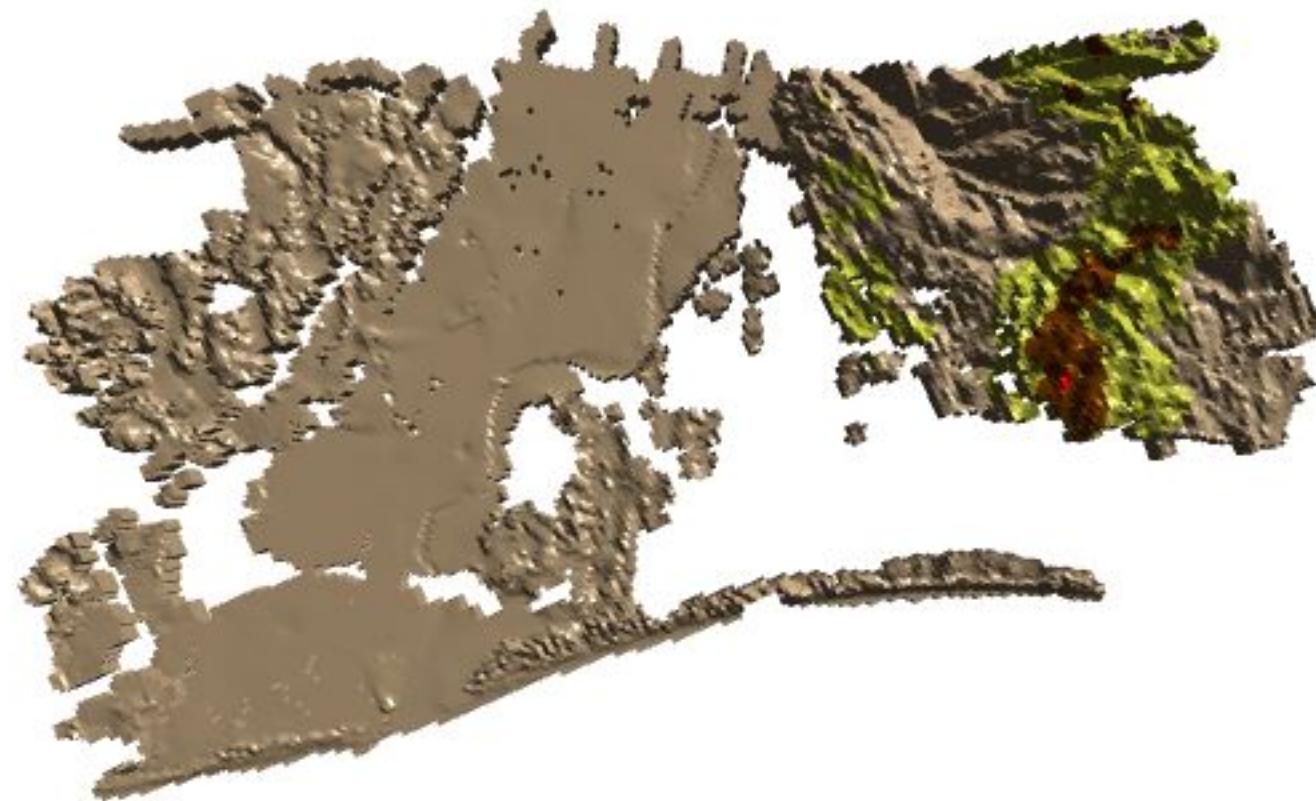


-271 m/-889 ft

3D Map - 2017 CL Concentration



A2-CL-50



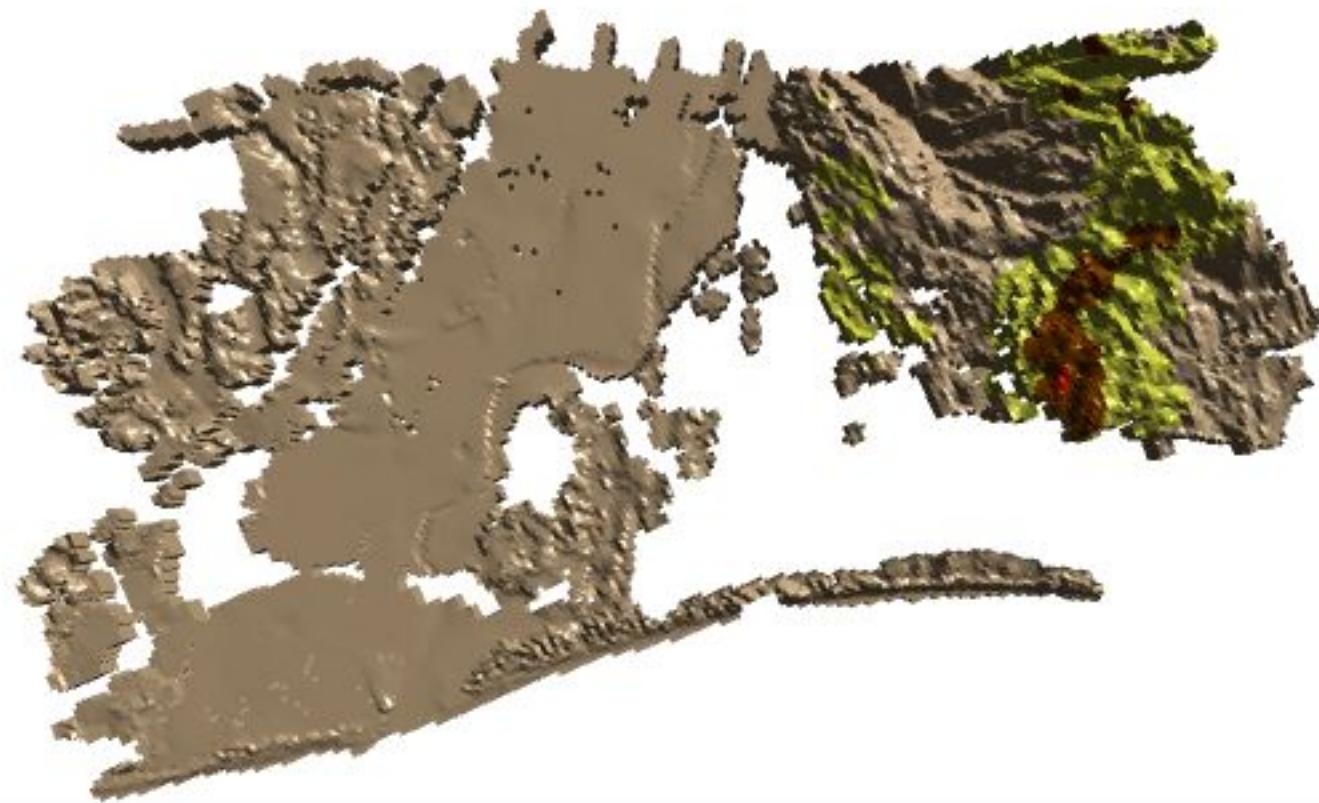
-291 m / -955 ft

3D Map - 2017 CL Concentration



3D Map - 2019 CL Concentration

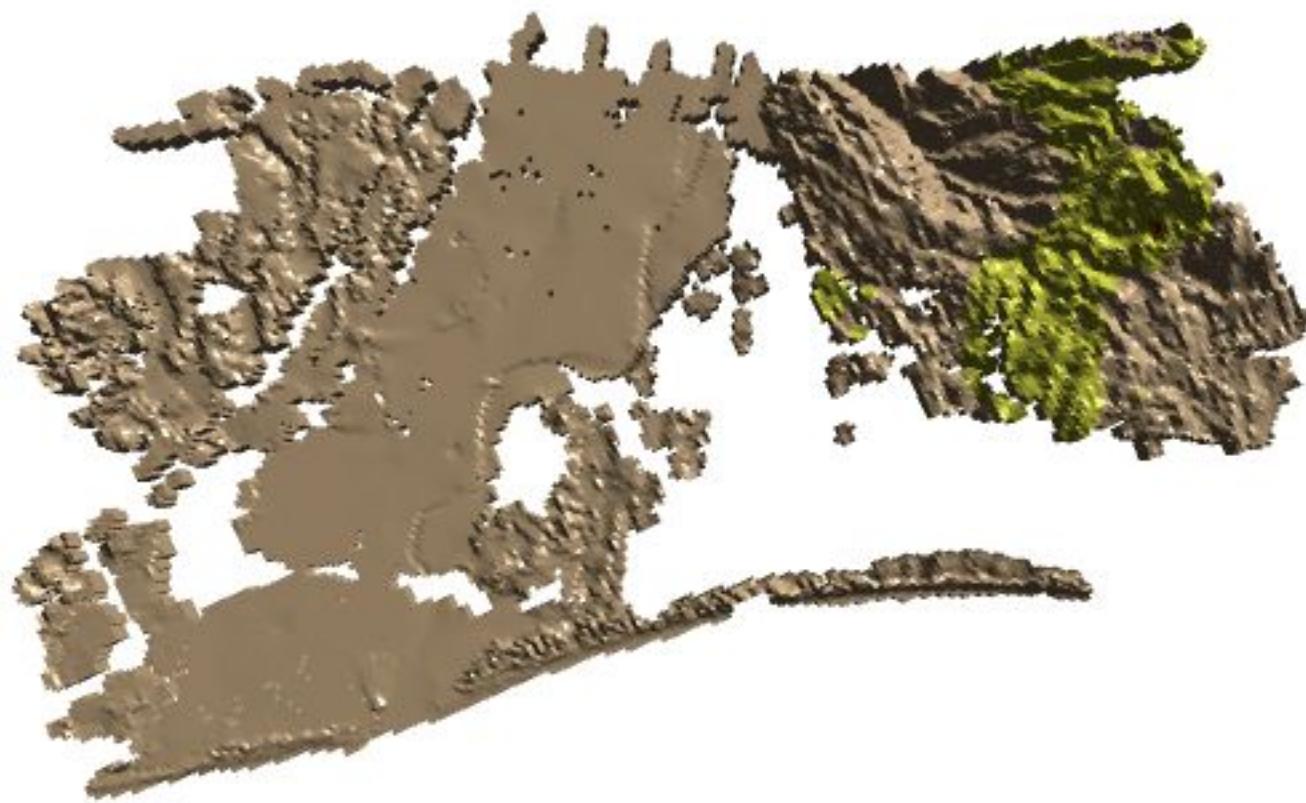
Appendix 2: 3D Voxels – MCWD 2017 & 2019 CL Concentration Depth Slices



-316 m/-1037 ft

3D Map - 2017 CL Concentration





-320 m/-1050 ft

3D Map - 2017 CL Concentration

