

## **Appendix A**

### **Stone Bed Protection Gradations**

#### **Main Dam Original Gradation**

Percent Finer by Weight	Stone Weight
(%)	(lb.)
100	400
50 - 100	160
15 - 50	80
0 - 15	30

#### **Graded Stone B (Between Main and Aux Lock) Original Gradation**

Percent Finer by Weight	Stone Weight
(%)	(lb.)
100	1,200
72 - 100	750
40 - 65	200
20 - 38	50
22-May	10
0 - 15	1
0 - 5	< 1

#### **First Repair**

Percent Finer by Weight	Stone Weight
(%)	(lb.)
100	5,000
70 - 100	2,500
40 - 65	500
20 - 45	100
0 - 15	5
0 - 5	1

## Second Repair

Percent Finer by Weight	Stone Weight
(%)	(lb.)
100	5,000
50 - 100	2,100
15 - 50	1,000
0 - 15	300

## Appendix B Mel Price Lock & Dam Upstream Hydrographic Surveys

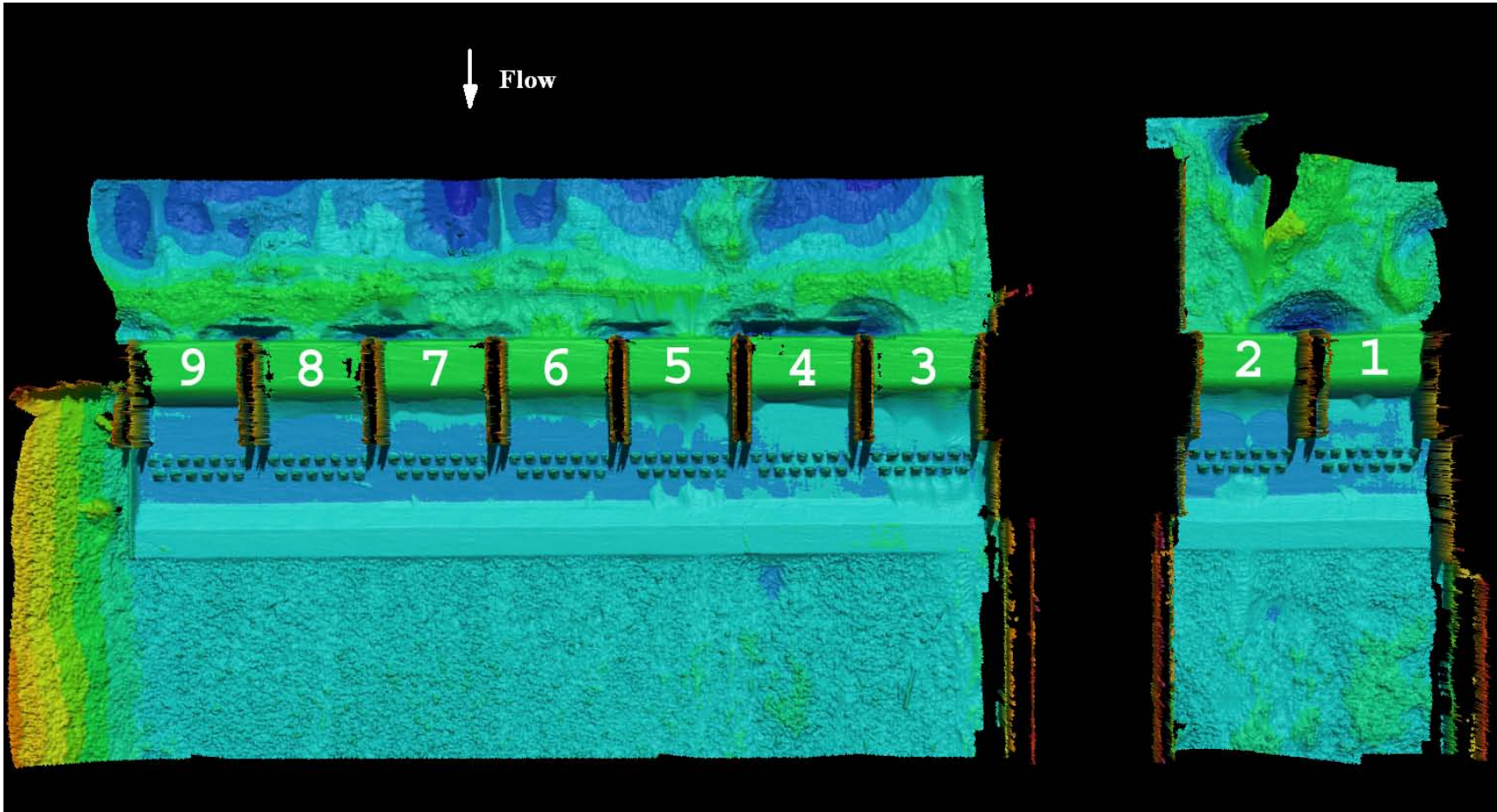
Flow direction and gate numbering consistent for all surveys; scale not consistent

Survey Color Ramp (consistent for all surveys, elevation in ft. above MSL)

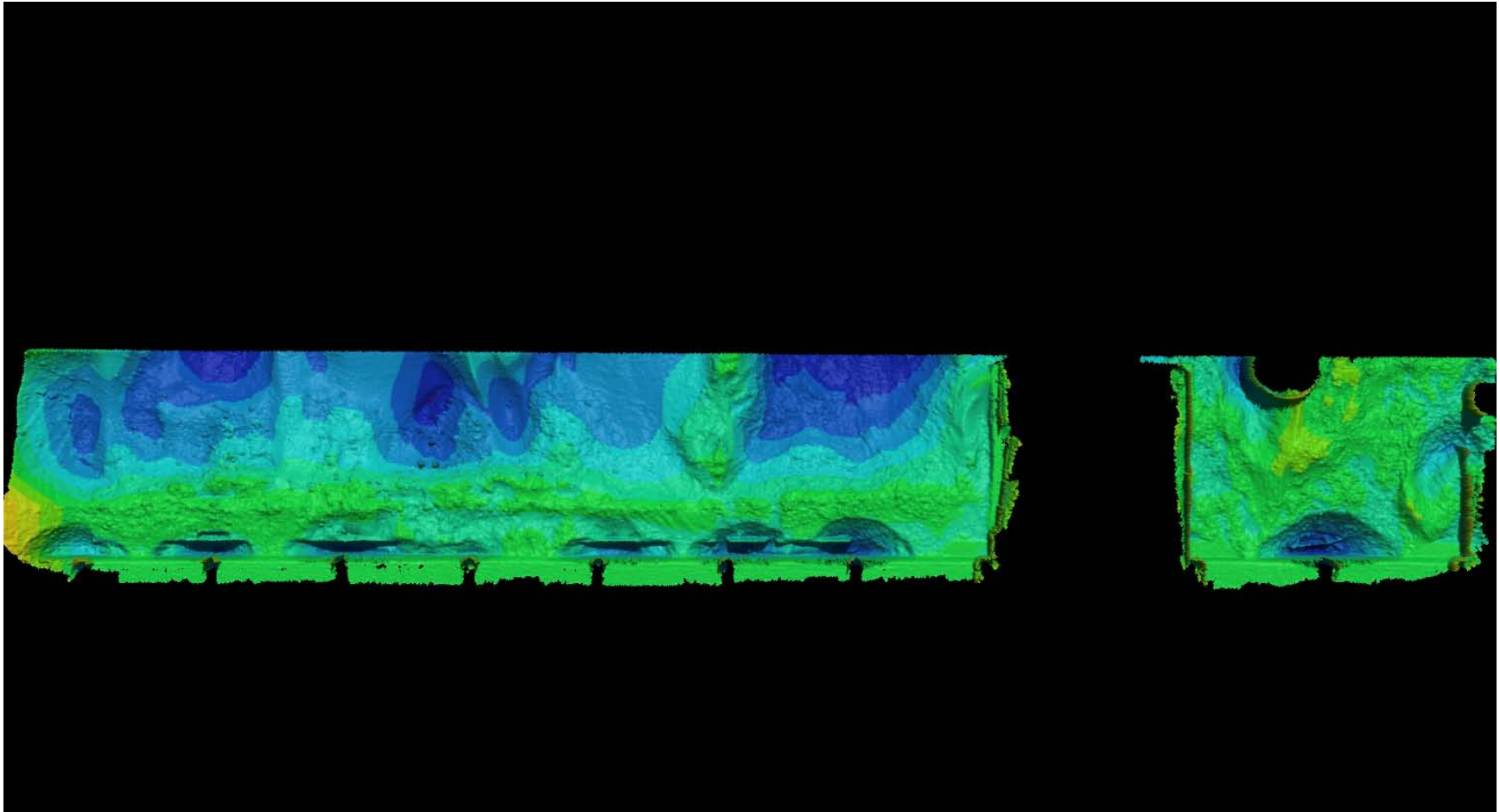
Start Range	End Range	Start Color	End Color
<335.00	335.00	Black	Black
335.00	340.00	Dark Purple	Dark Purple
340.00	345.00	Dark Purple	Dark Purple
345.00	350.00	Dark Purple	Dark Purple
350.00	355.00	Dark Blue	Dark Blue
355.00	360.00	Dark Blue	Dark Blue
360.00	365.00	Dark Blue	Dark Blue
365.00	370.00	Blue	Blue
370.00	375.00	Blue	Blue
375.00	380.00	Light Blue	Light Blue
380.00	385.00	Light Blue	Light Blue
385.00	390.00	Light Blue	Light Blue
390.00	395.00	Light Blue	Light Blue
395.00	400.00	Light Blue	Light Blue
400.00	405.00	Light Blue	Light Blue
405.00	410.00	Light Blue	Light Blue
410.00	415.00	Light Blue	Light Blue
415.00	>415.00	White	White

April 2007 Survey

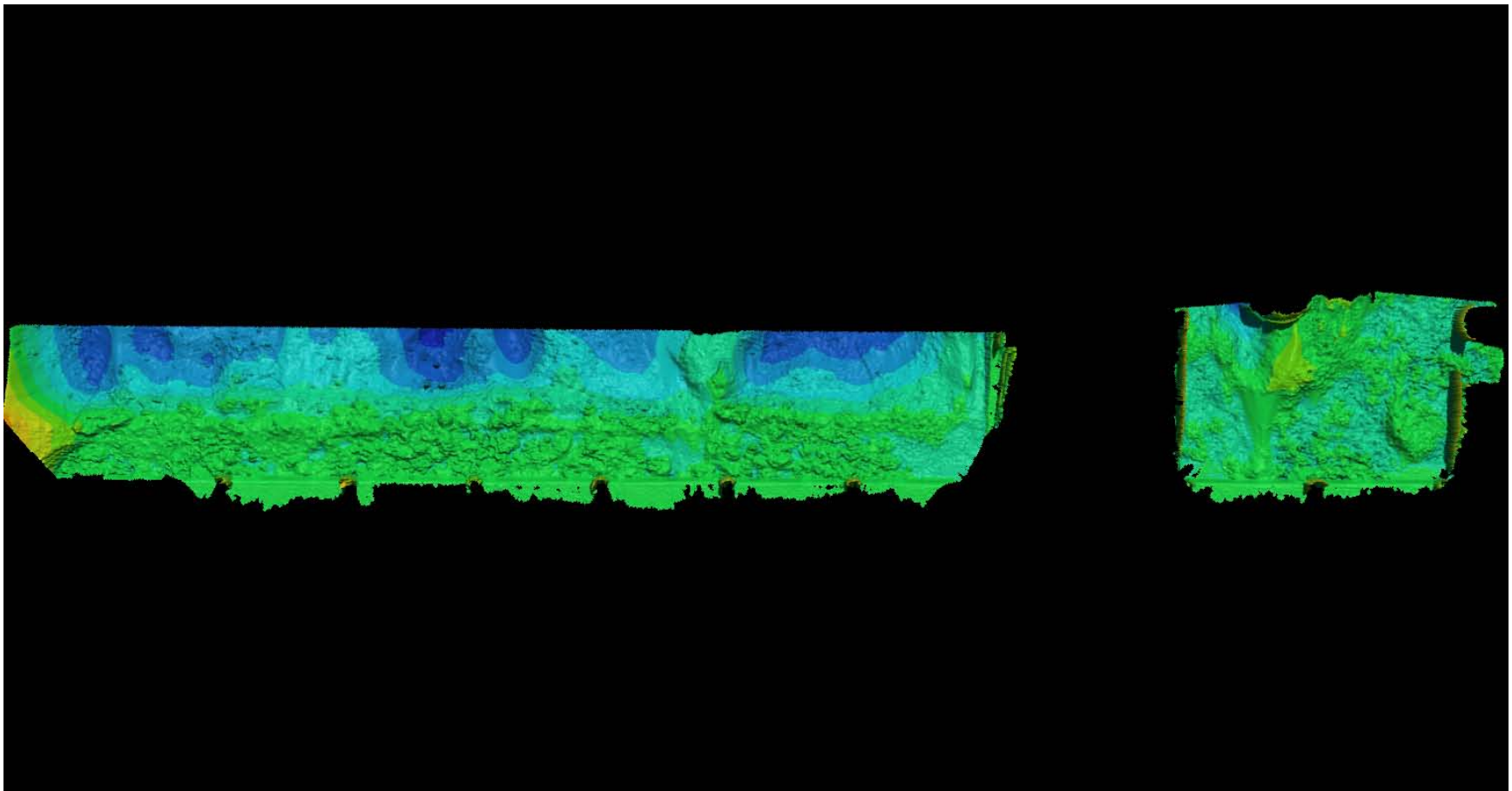
(Flow direction and gate numbering consistent for all surveys)



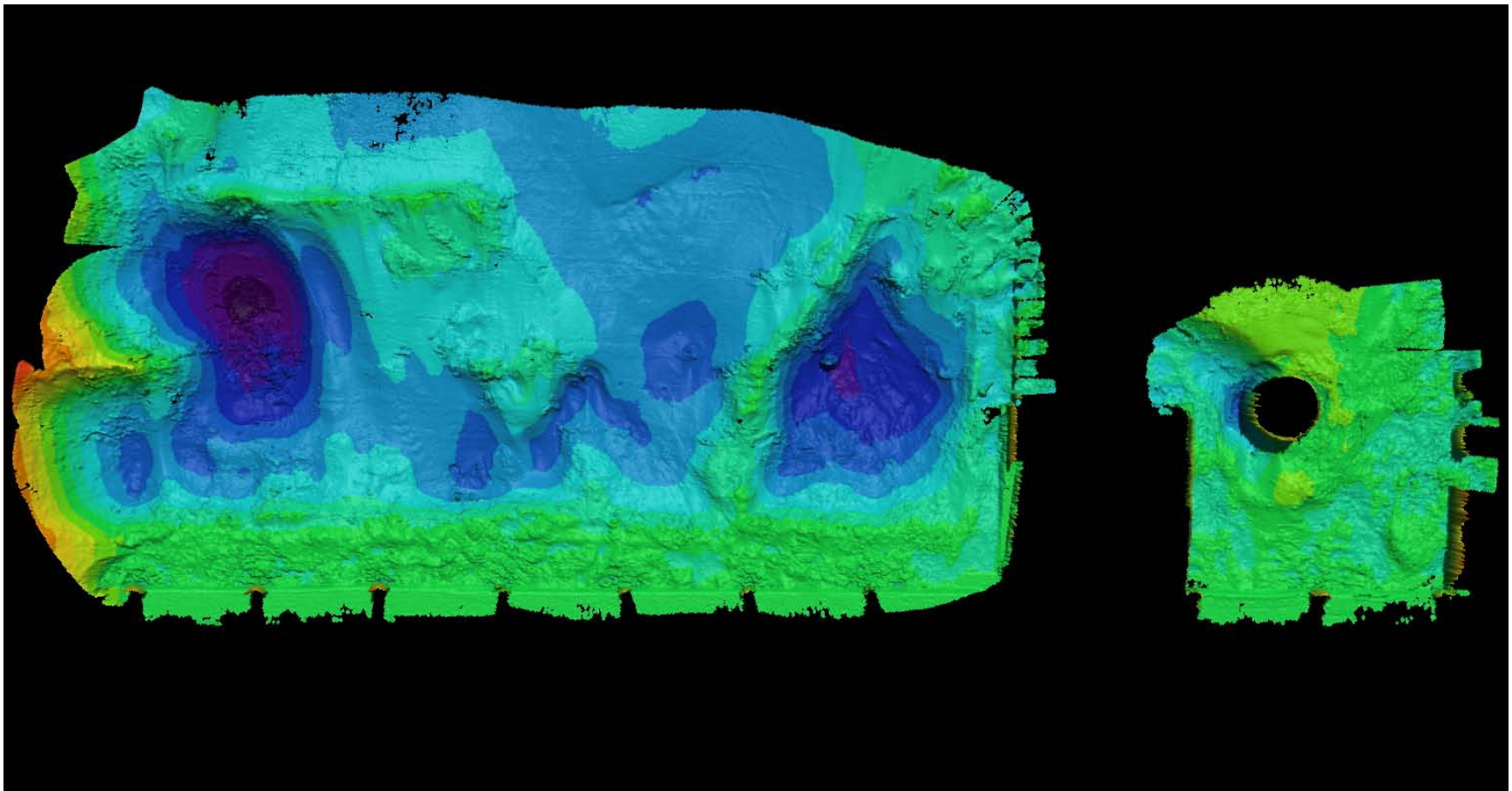
August 25, 2007 Survey



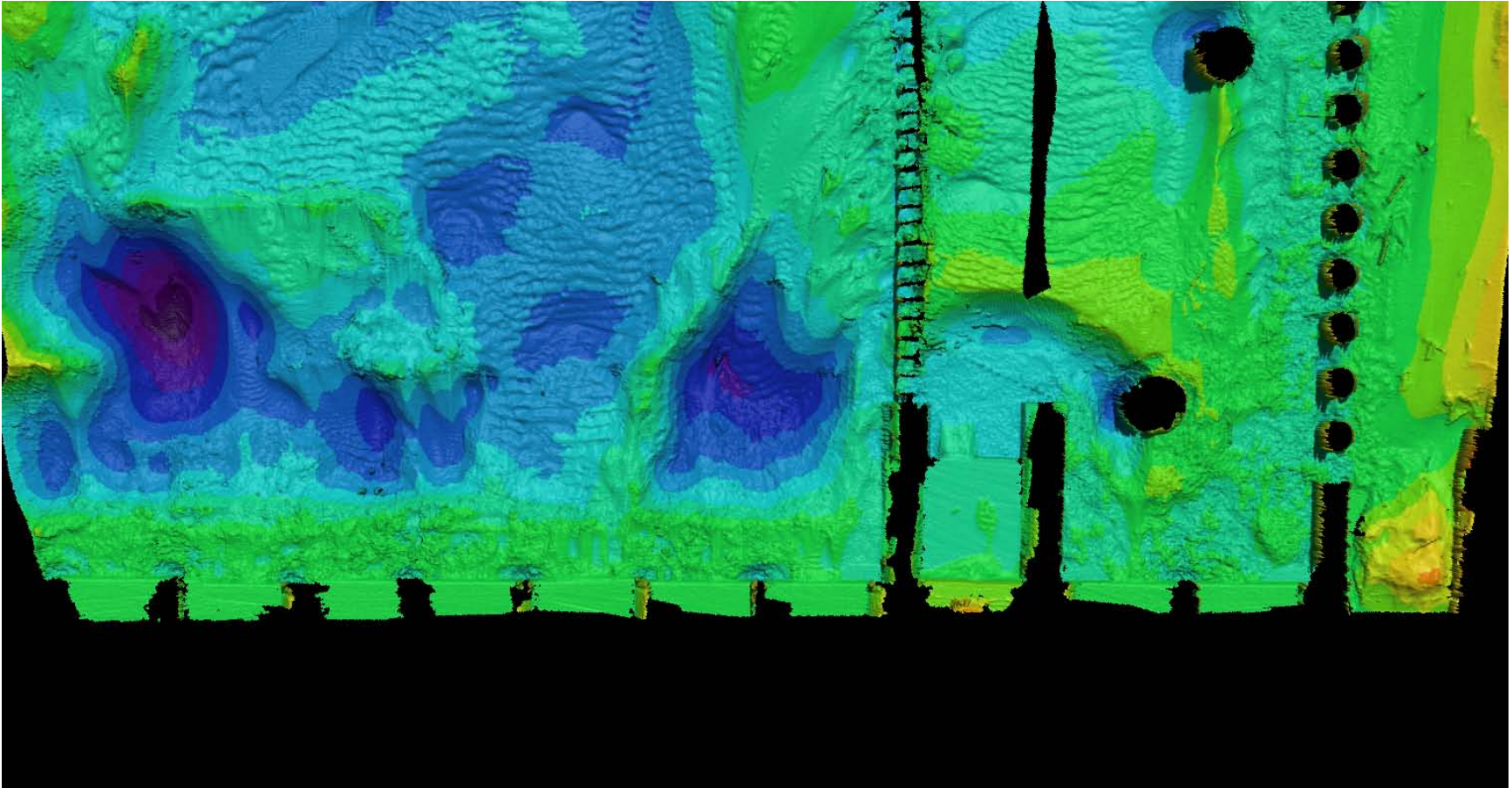
November 1, 2007 Survey



May 11, 2008 Survey

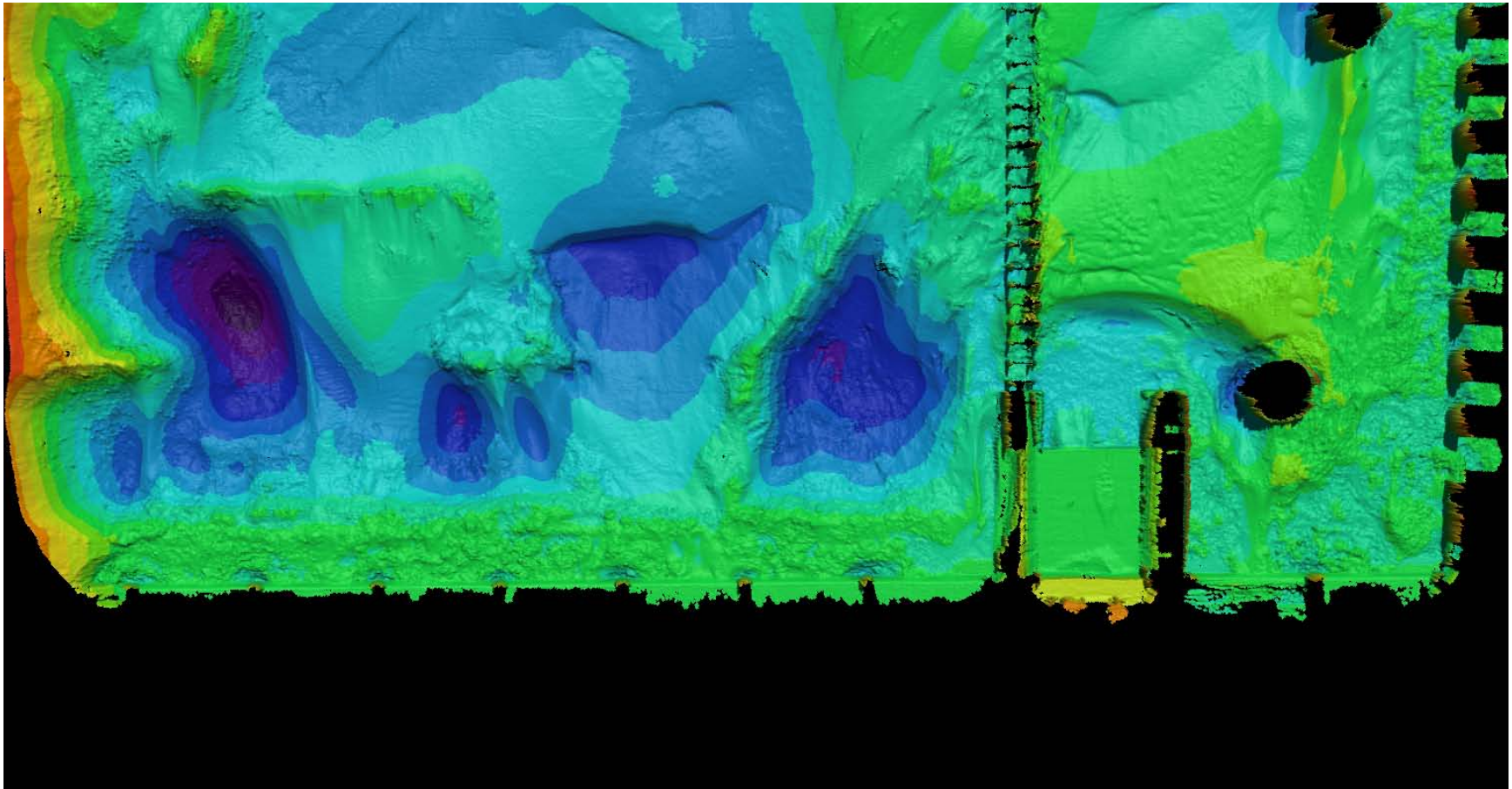


July 8, 2008 Survey

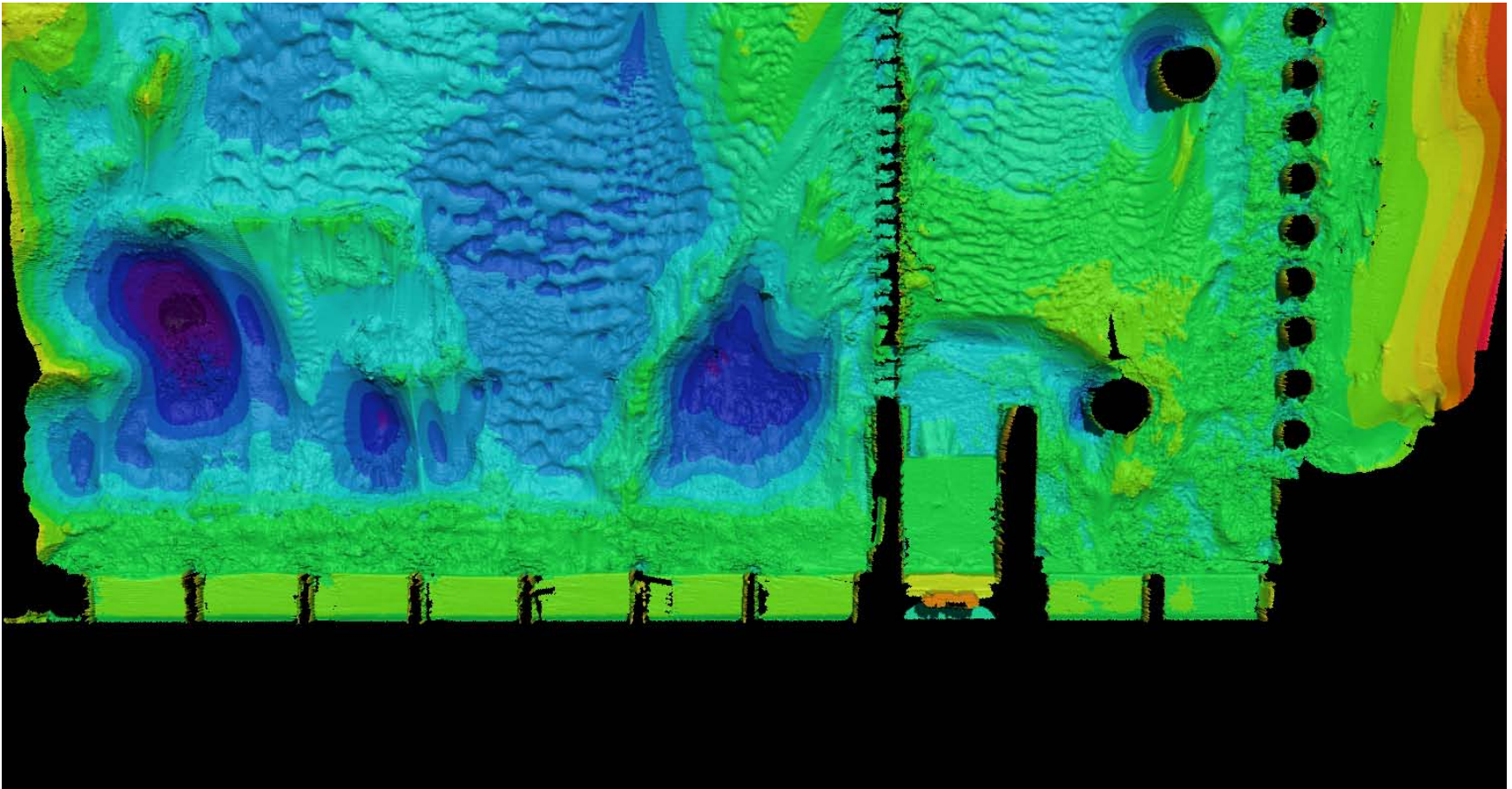




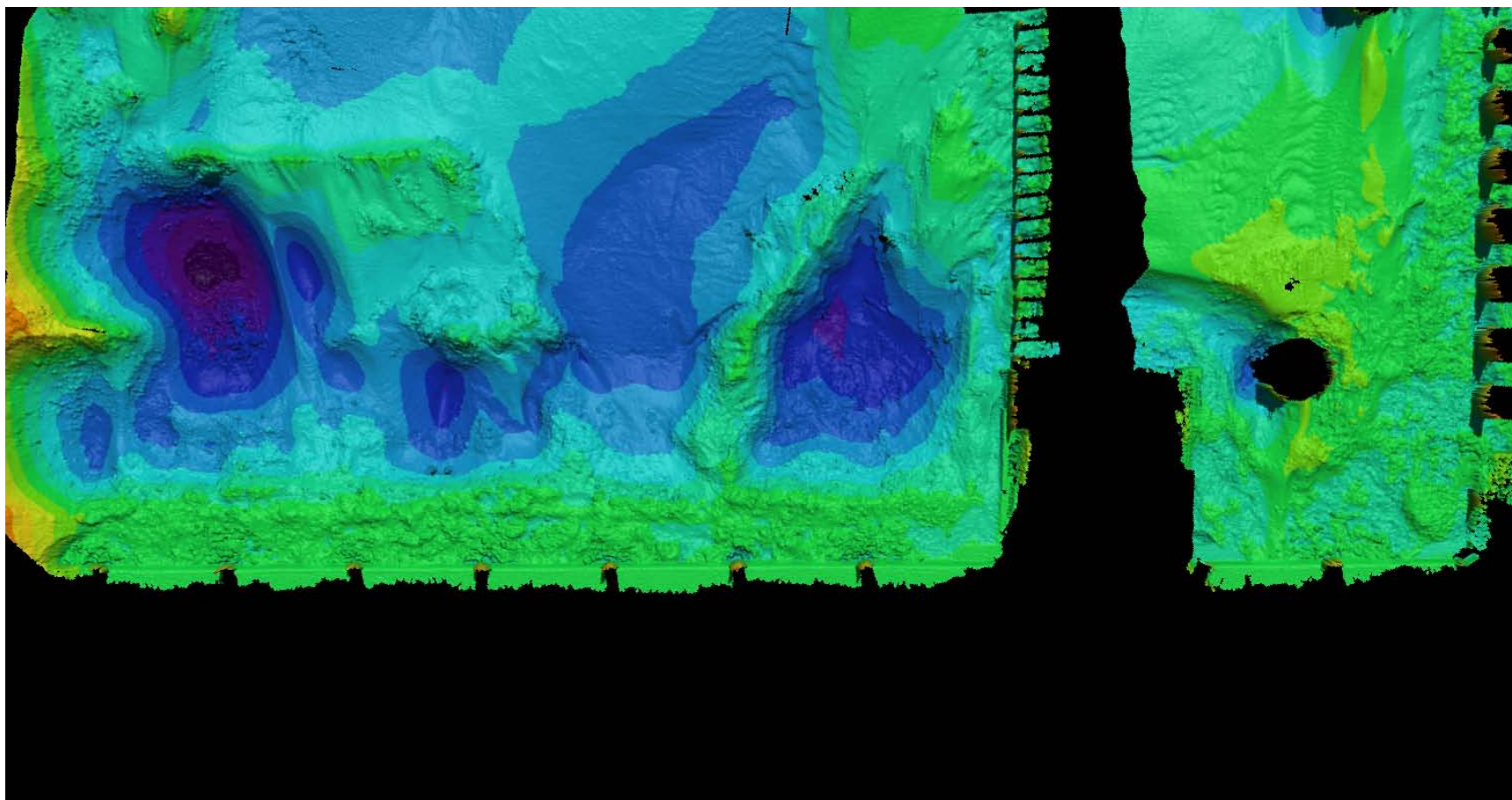
August 28, 2008 Survey



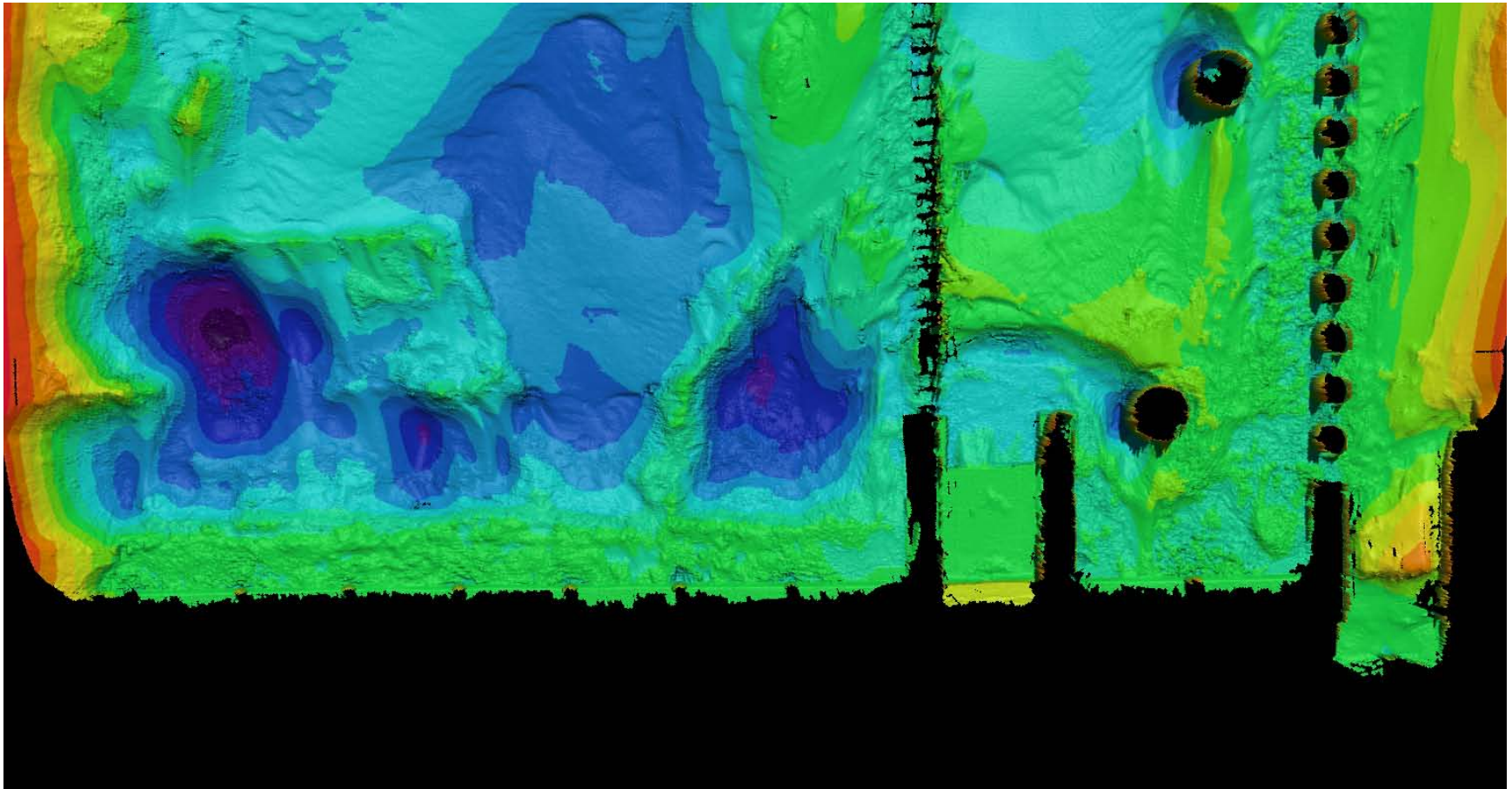
March 18, 2009



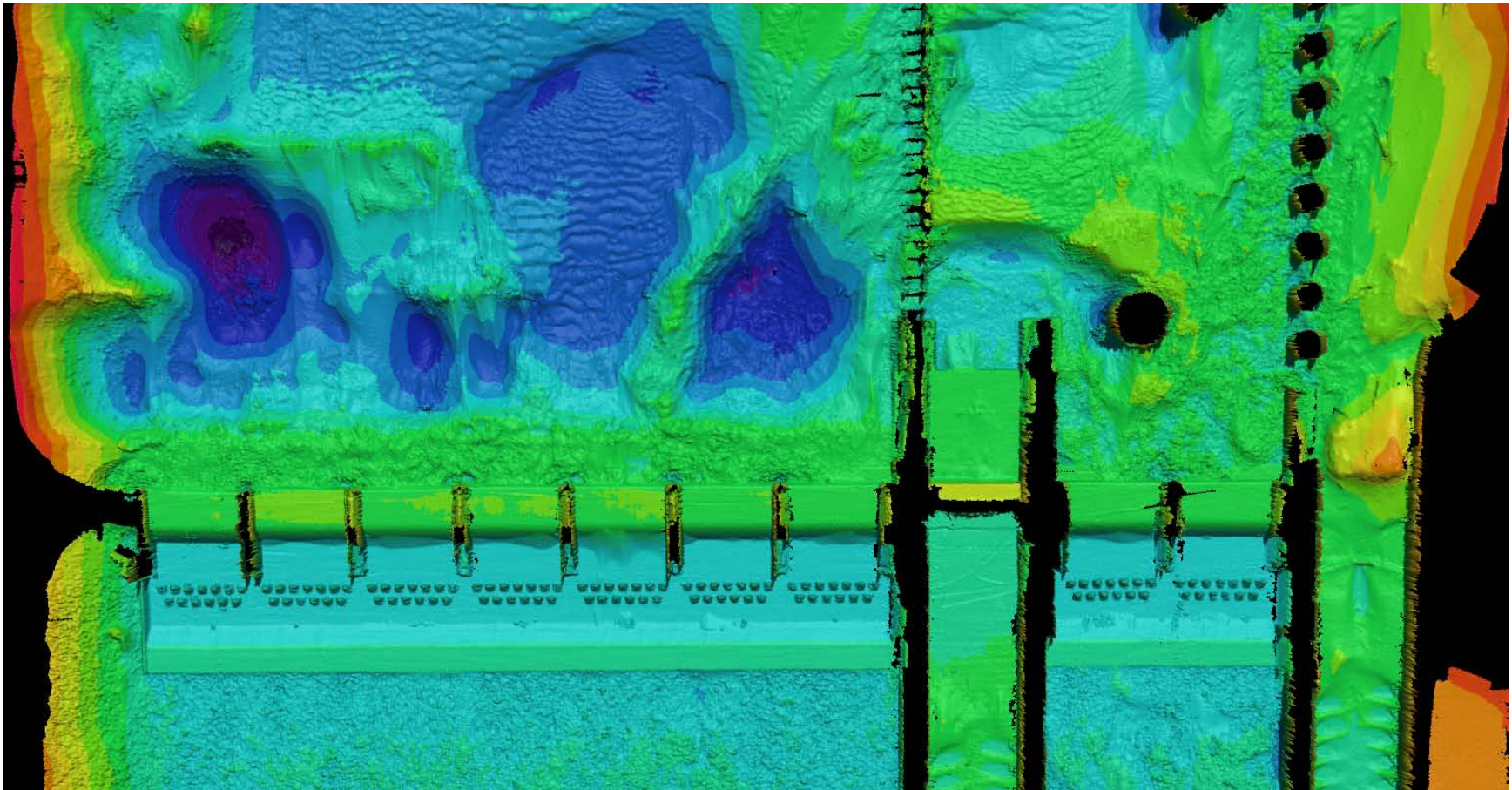
July 21, 2009 Survey



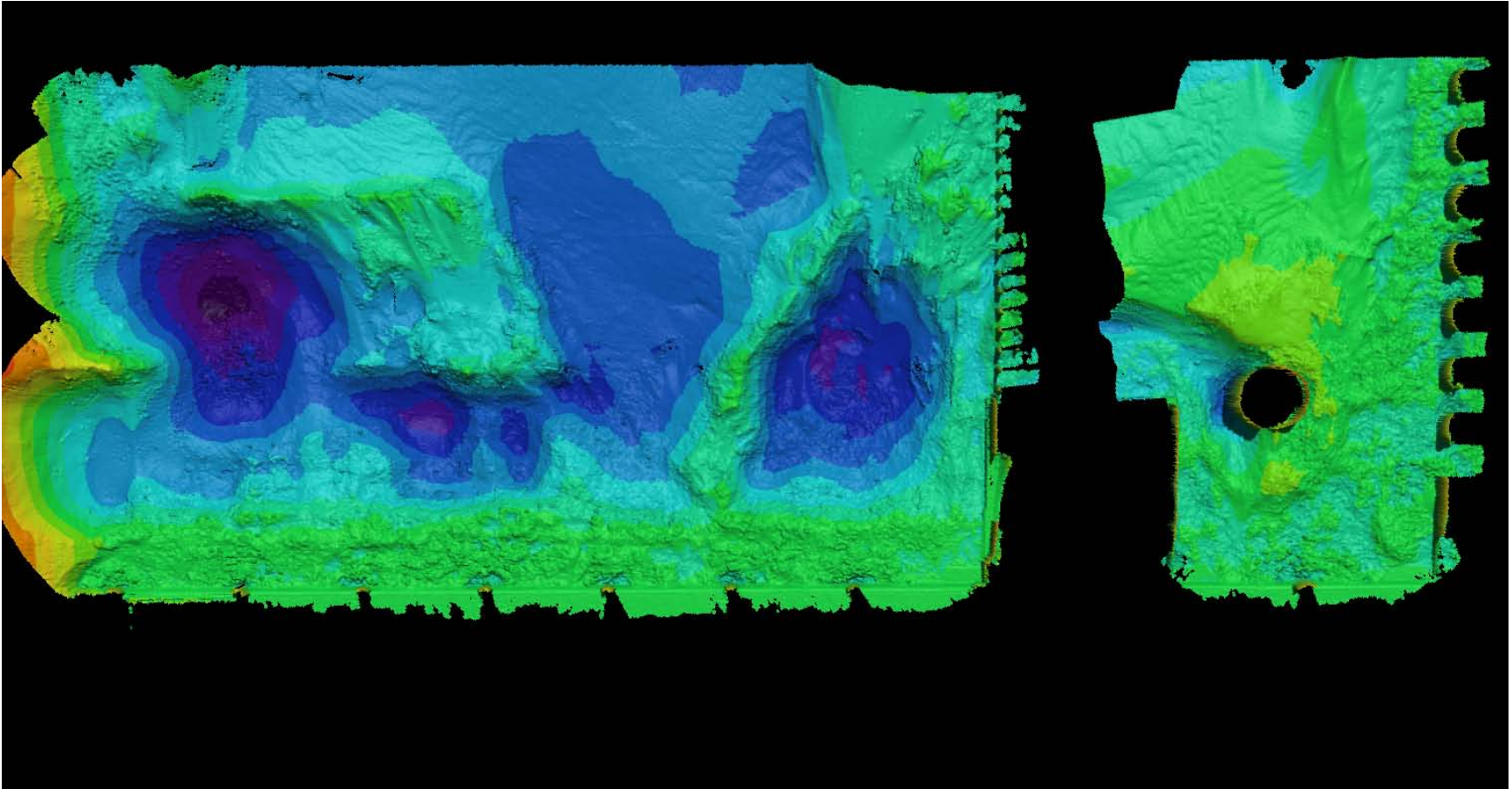
December 17, 2009



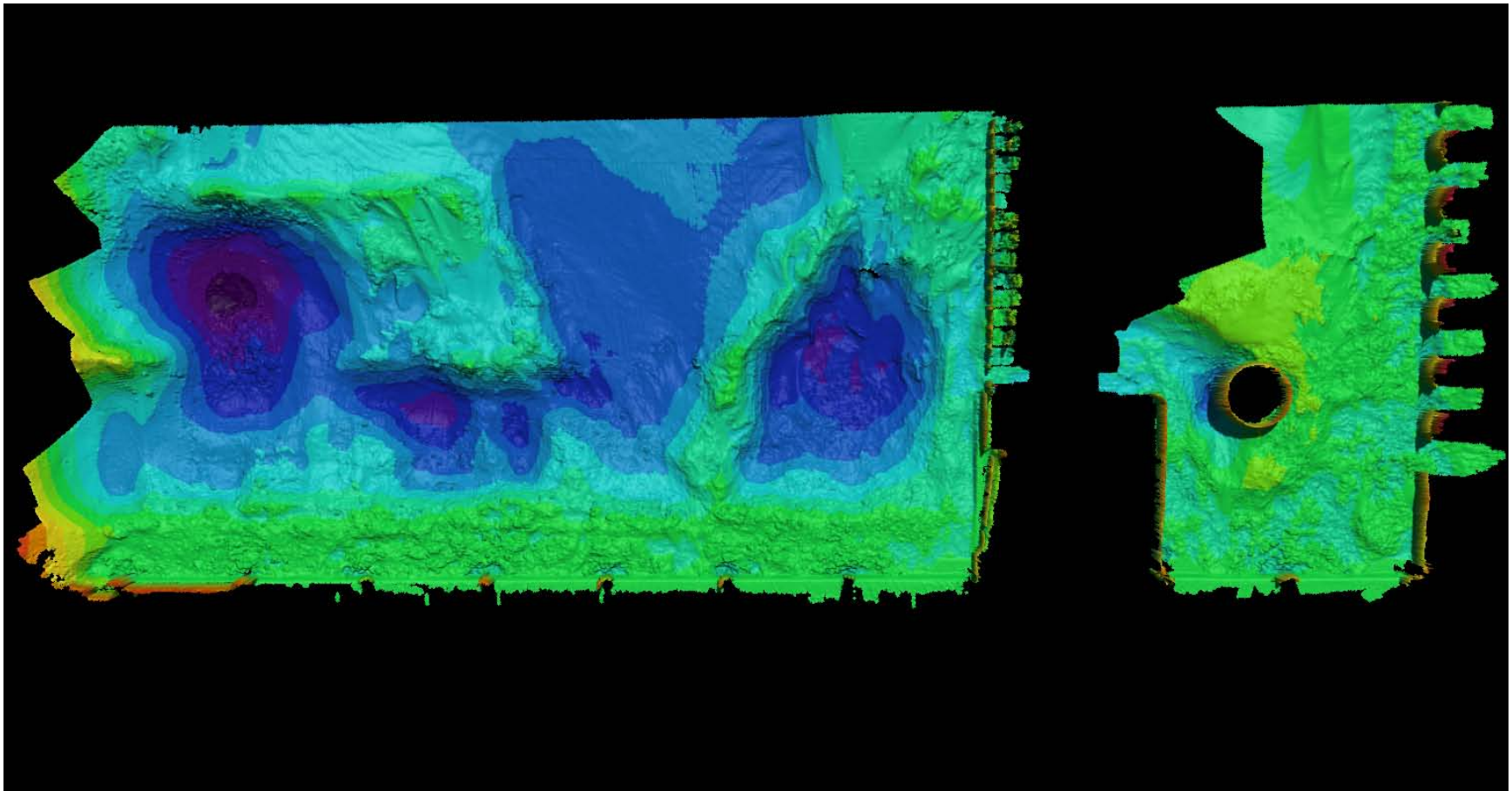
April 28, 2010



October 3, 2010



December 2, 2010



March 2, 2011

