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September 30, 2013

Mr. Jason Wise, P.E.
ODOT District 12 Geotechnical Engineer
Ohio Department of Transportation
5500 Transportation Boulevard
Garfield Heights, Ohio 44125-5396

Re: September 26, 2013 Readings
CUY-90-15.24 Slope Monitoring
PID 76117
EDP Project No. 062943.00

Dear Mr. Wise:

The September monthly instrument readings for the I-90 west slope are presented in this report.

Piezometer Readings at B-05-02
Total head in the shallow piezometer at B-05-02 decreased about 0.5 foot this month. There was virtually no change in total head in the deep piezometer for the month. Total head in the deep piezometer had been increasing, but at least for this month, it appears to have reached equilibrium. As in the past, we have included graphs showing pore pressures since the original piezometers were installed in 2007, and since readings started on the replacement piezometers in January 2012.

Inclinometer Readings at I-010 and B-05-02
A-axis displacement at 36 to 38 feet continued to increase this month at B-05-02. From the zone plot it appears that the rate of increase is continuing to slow in this shallow zone. Zone plots for the two deeper zones indicate no change.

Inclinometer readings at I-010 show no change again this month.

Very truly yours,

Soil and Materials Engineers, Inc.

Alan J. Esser, P.E., D.GE
Principal Consultant

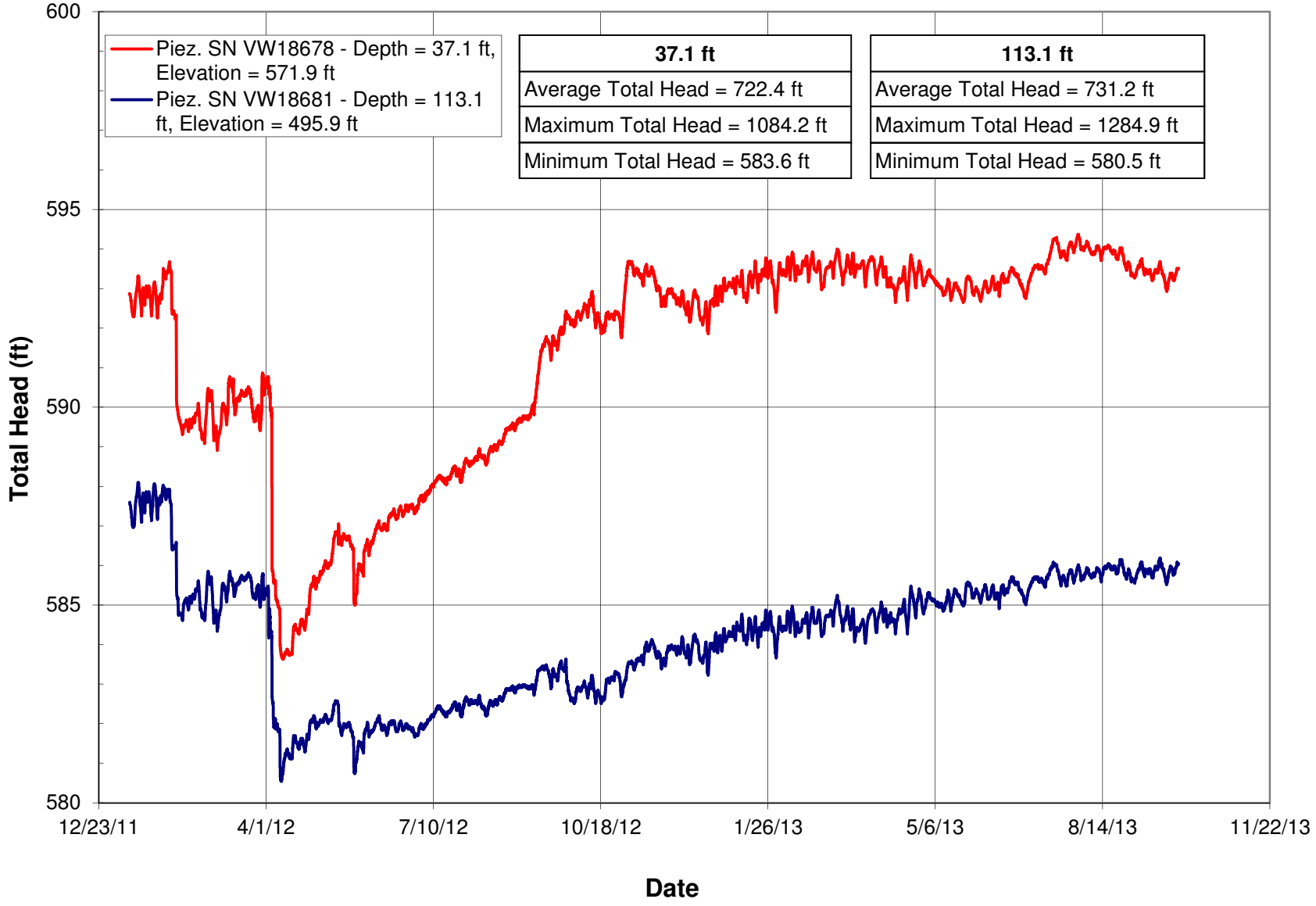
Attachments

OFFICES
Indiana
Michigan
Ohio

consultants in the geosciences, materials, and the environment

B-05-02 VW Piezometer Readings

Ground surface elevation = approx 609.0 ft



B-05-02 VW Piezometer Readings

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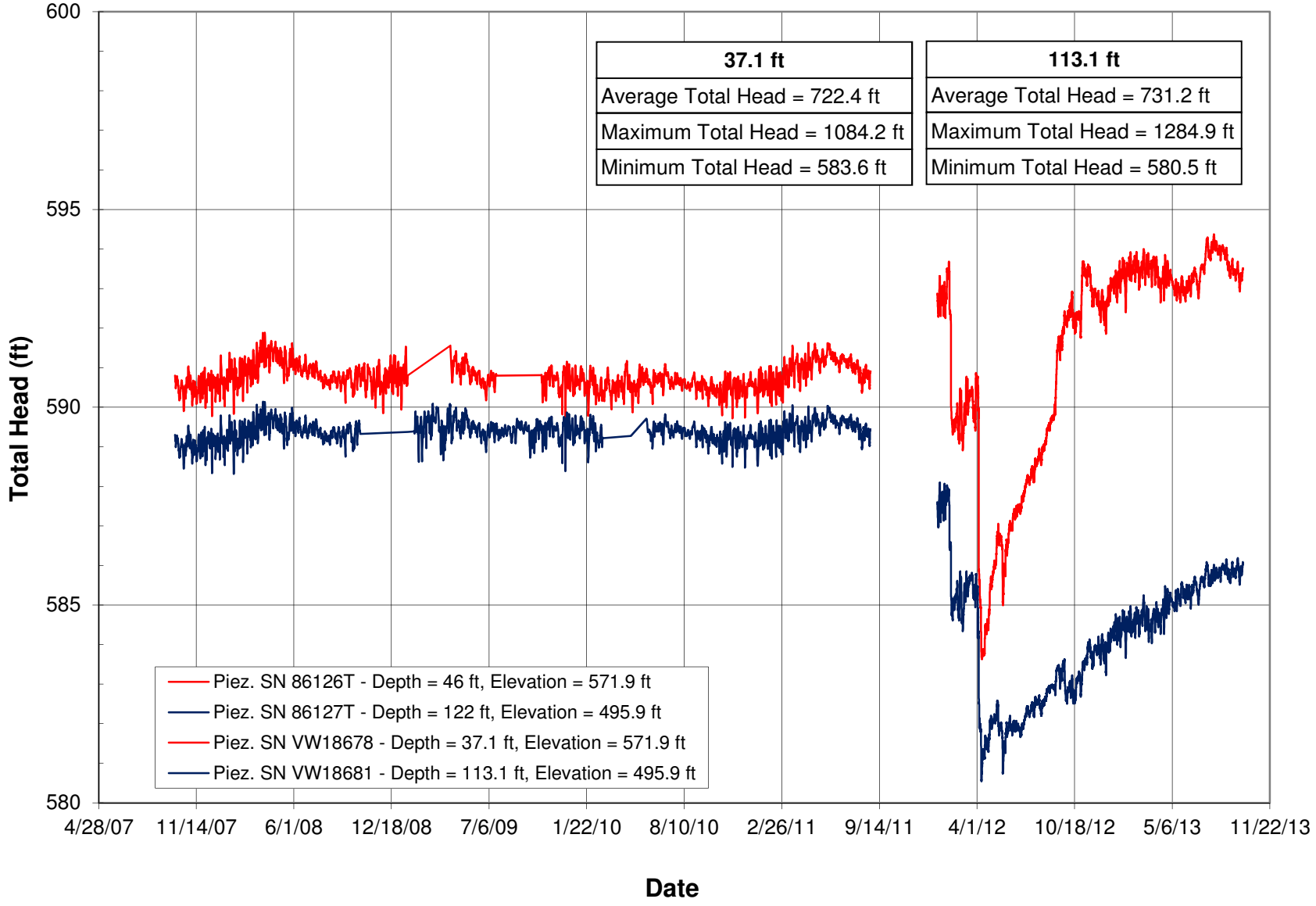

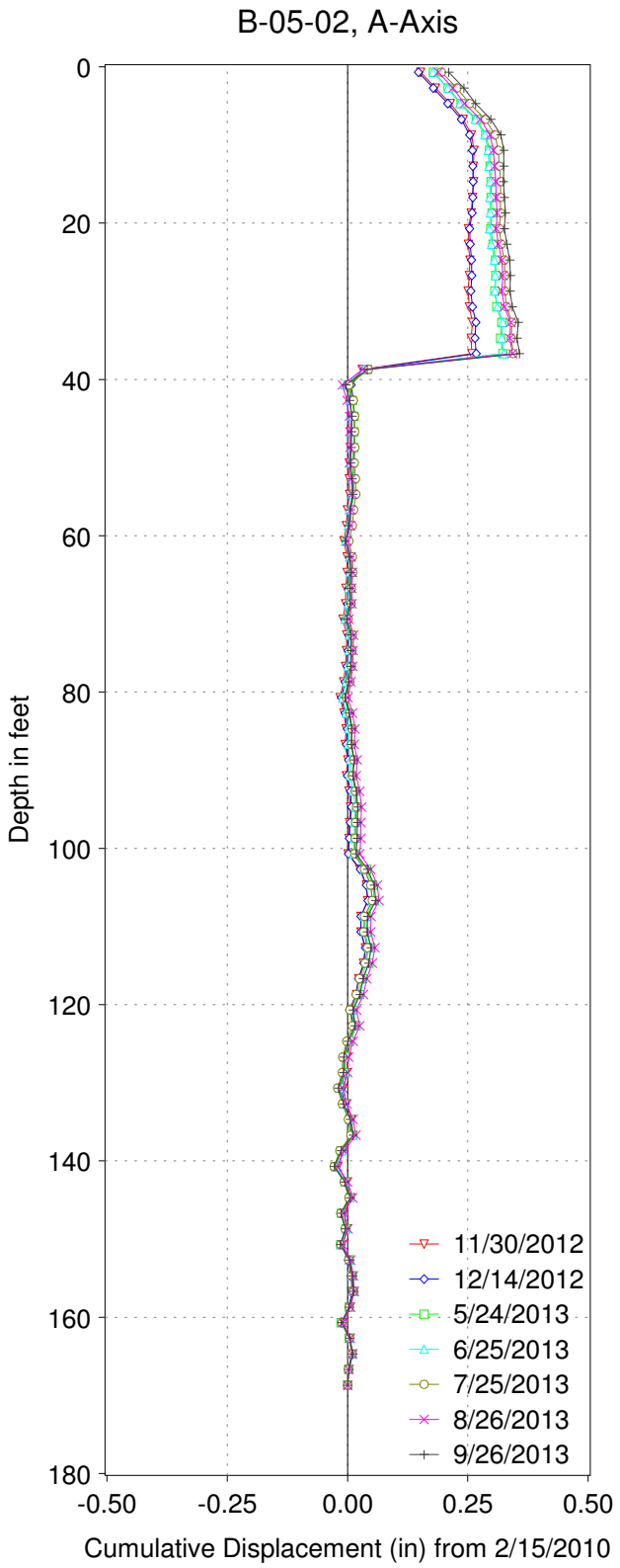

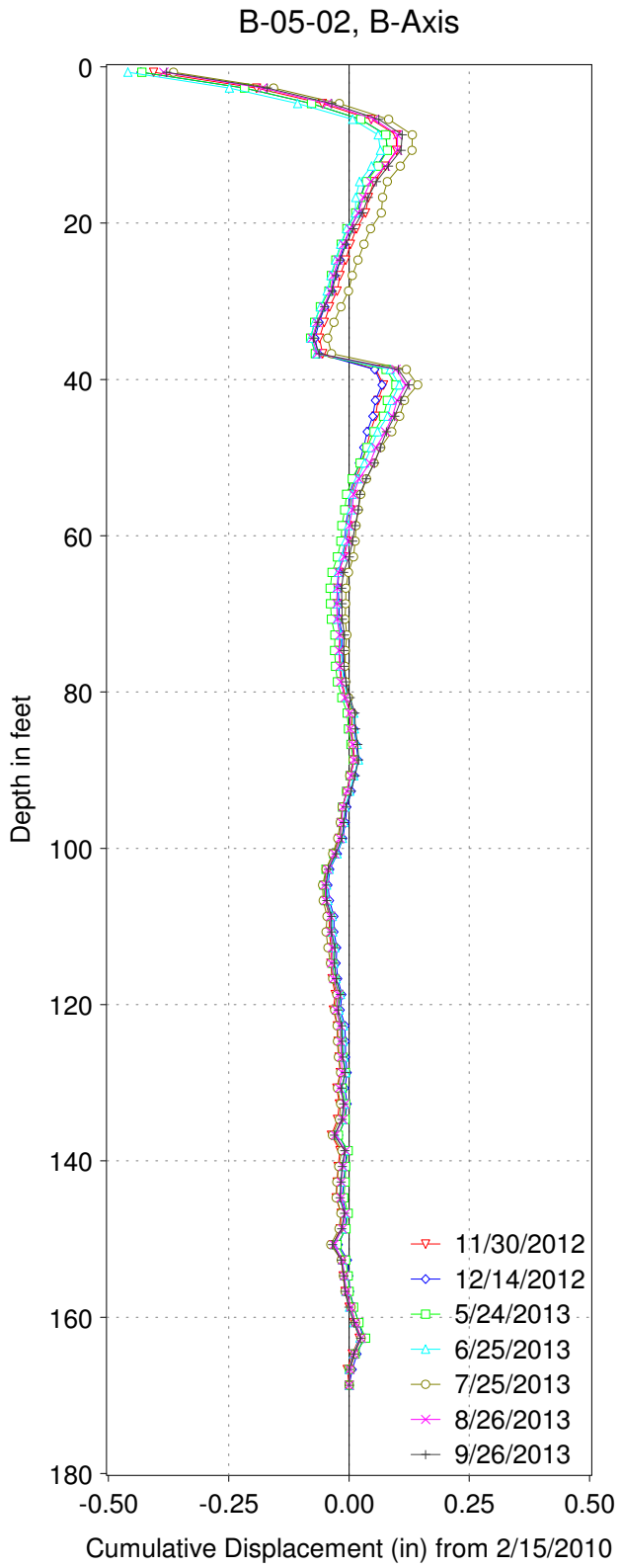

CUY-90-14.92
PID 76117
SME Project#: 062943.00
Reading Date: 9/26/2013

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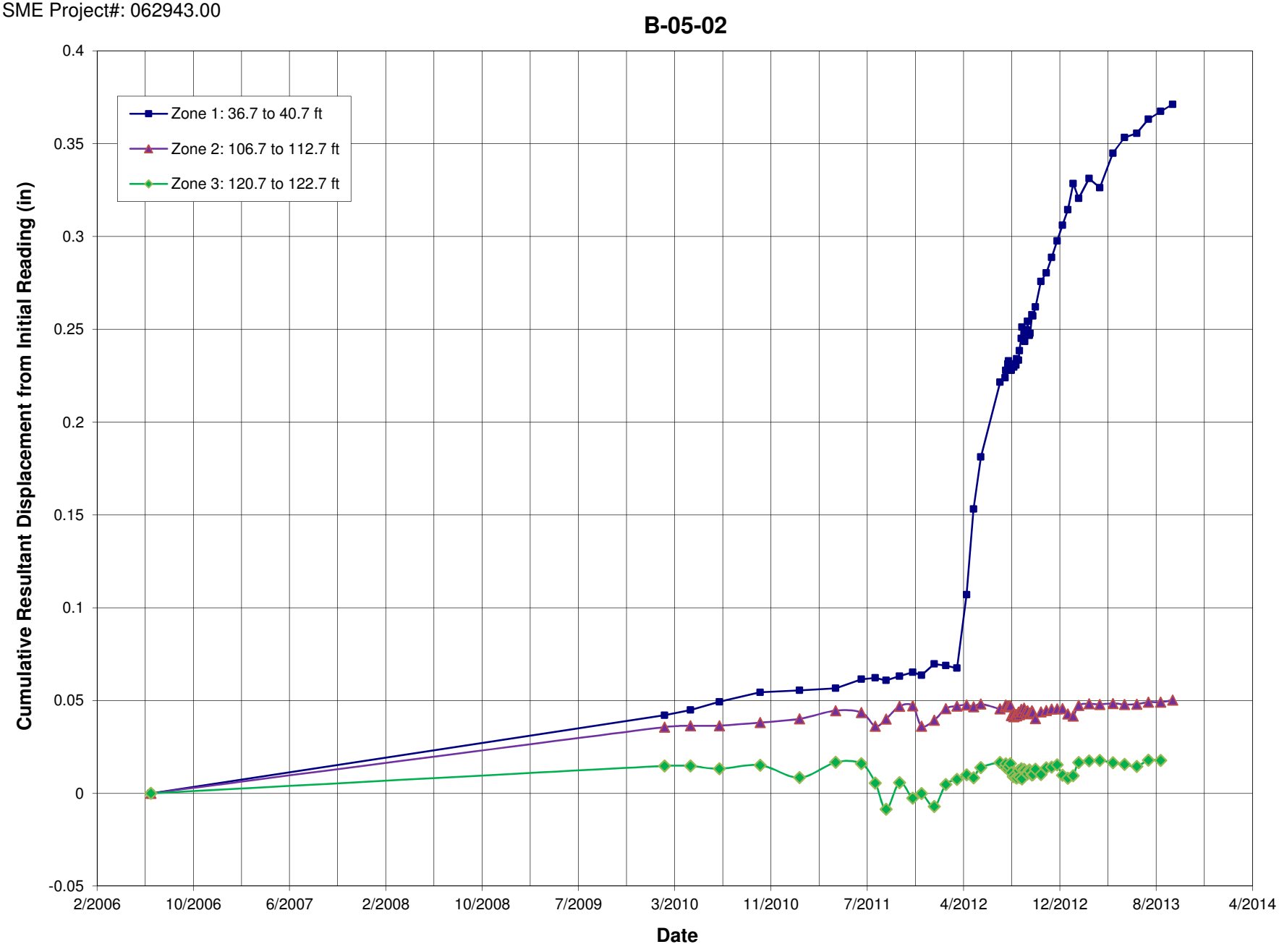
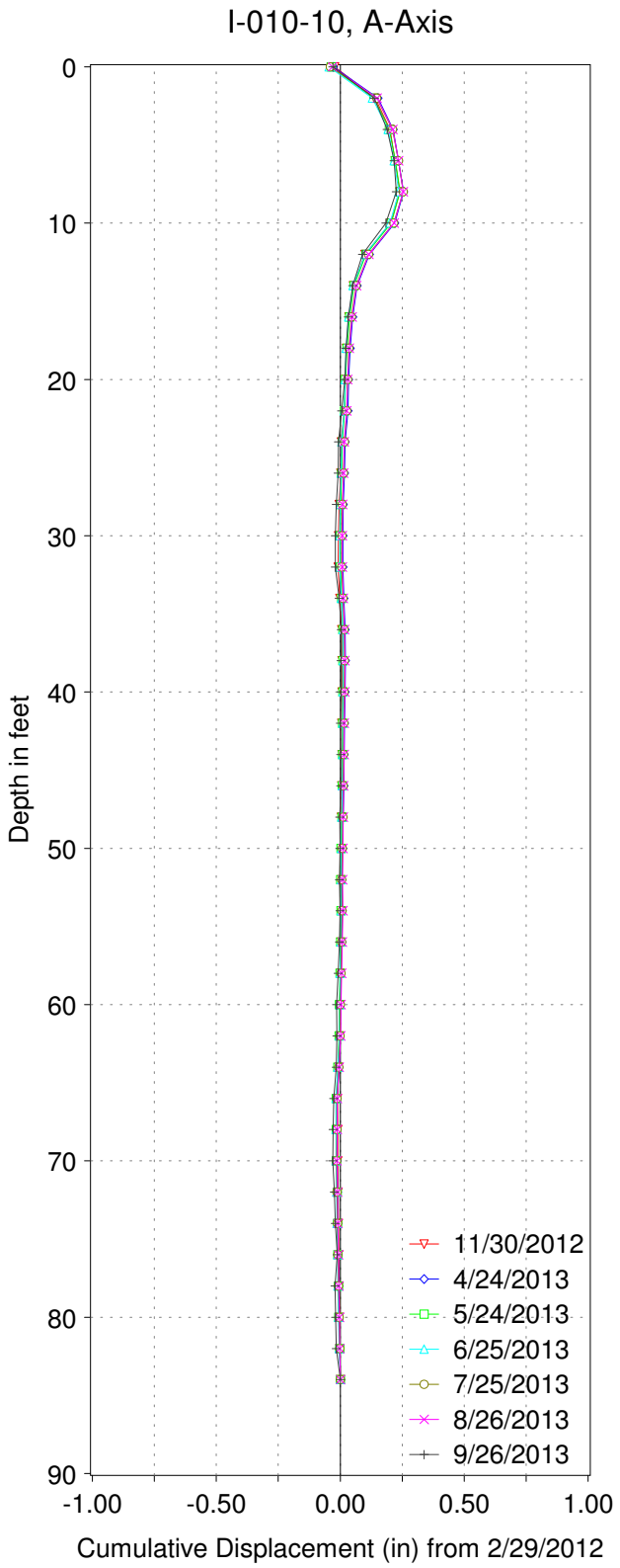
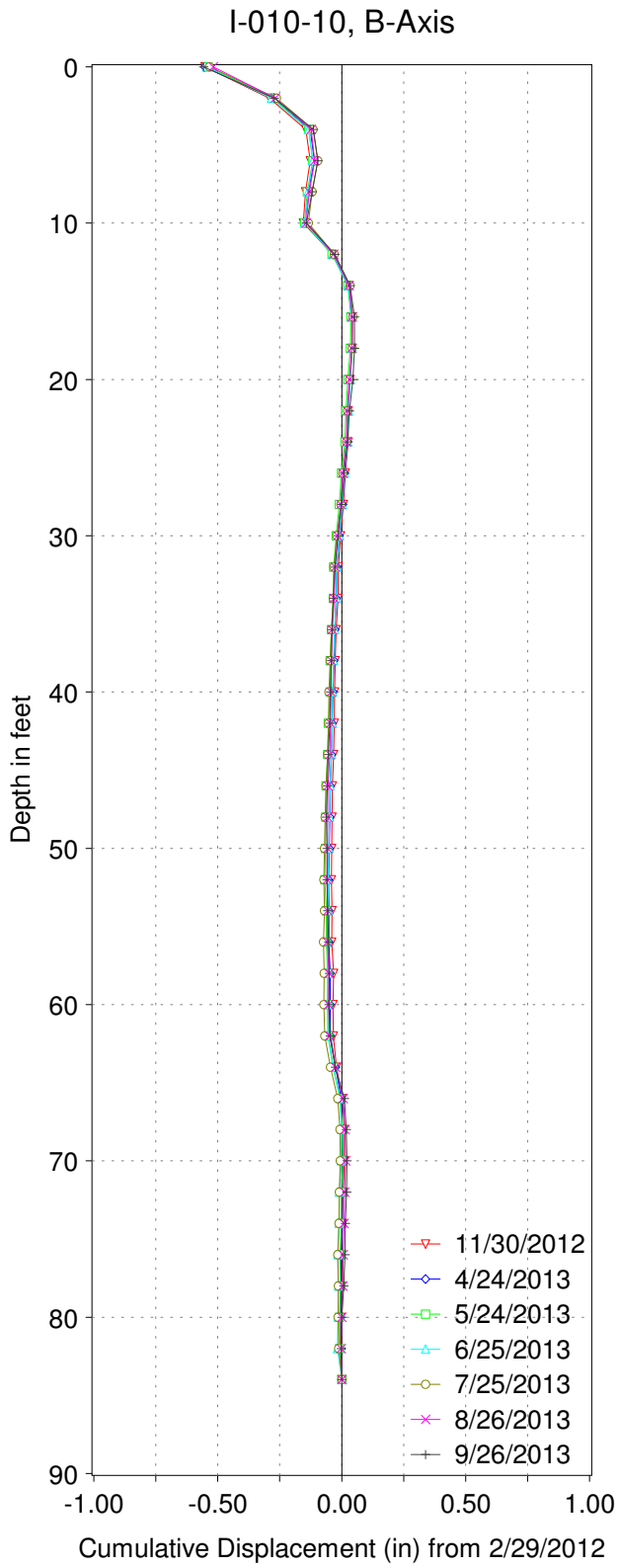
CUY-90-15.24
PID 76117
SME Project#: 062943.00







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