

Amadi, Eric A - DNR

From: Slenska, Mike (Pittsburgh) USA <Mike.Slenska@TRMI.Biz>
Sent: Monday, January 14, 2013 11:39 AM
To: Amadi, Eric A - DNR
Cc: Noel, Mike (Mike.Noel@tetrattech.com); Kathryn Huibregtse; Mike Kellogg
Subject: Beazer Investigation Work Plan - Wabash Alloys Site
Attachments: Emulation results.pdf

Eric,

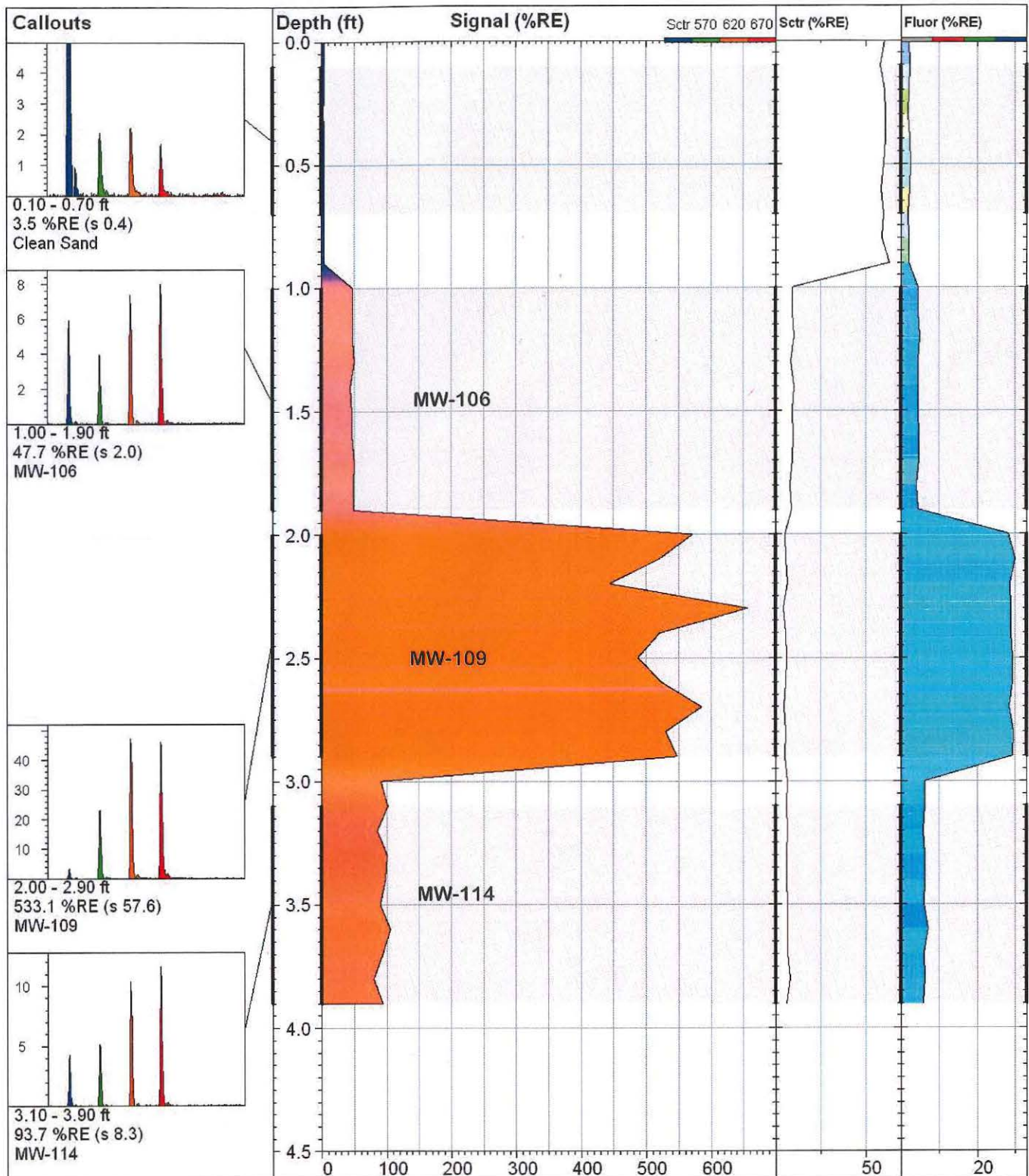
I'm e-mailing you concerning the December 7, 2012 investigation work plan that we submitted to you for the Wabash Alloys Site. One component of the work plan included a bench test to determine if the TarGOST technology was a viable investigative tool for the Site. Three DNAPL samples (one each from monitoring wells MW-109, MW-106 and MW-114) were collected on December 27, 2012 and submitted to Dakota Technologies for testing. While the testing showed a reasonable response to the product from MW-109 (see attached), the other two samples did not respond as well. During follow-up discussions with Dakota they indicated that tar materials derived from coking processes, which is the likely original source of tar plant materials for the Site, have often been problematic for their TarGOST technology.

As a result of these findings from the bench testing and discussions with Dakota Technologies, we will not be using the TarGOST technology as an investigative tool at the Site. Our December 7 work plan accounted for this possibility by indicating that the default alternative for tar delineation would be carried out using visual observations from Geoprobe boreholes. We wanted to let you know of this change as you review the work plan prior to our upcoming meeting scheduled for January 25th. If you should have any questions prior to our meeting, please let me know. Otherwise, we look forward to meeting with you on the 25th.

Sincerely,
Mike

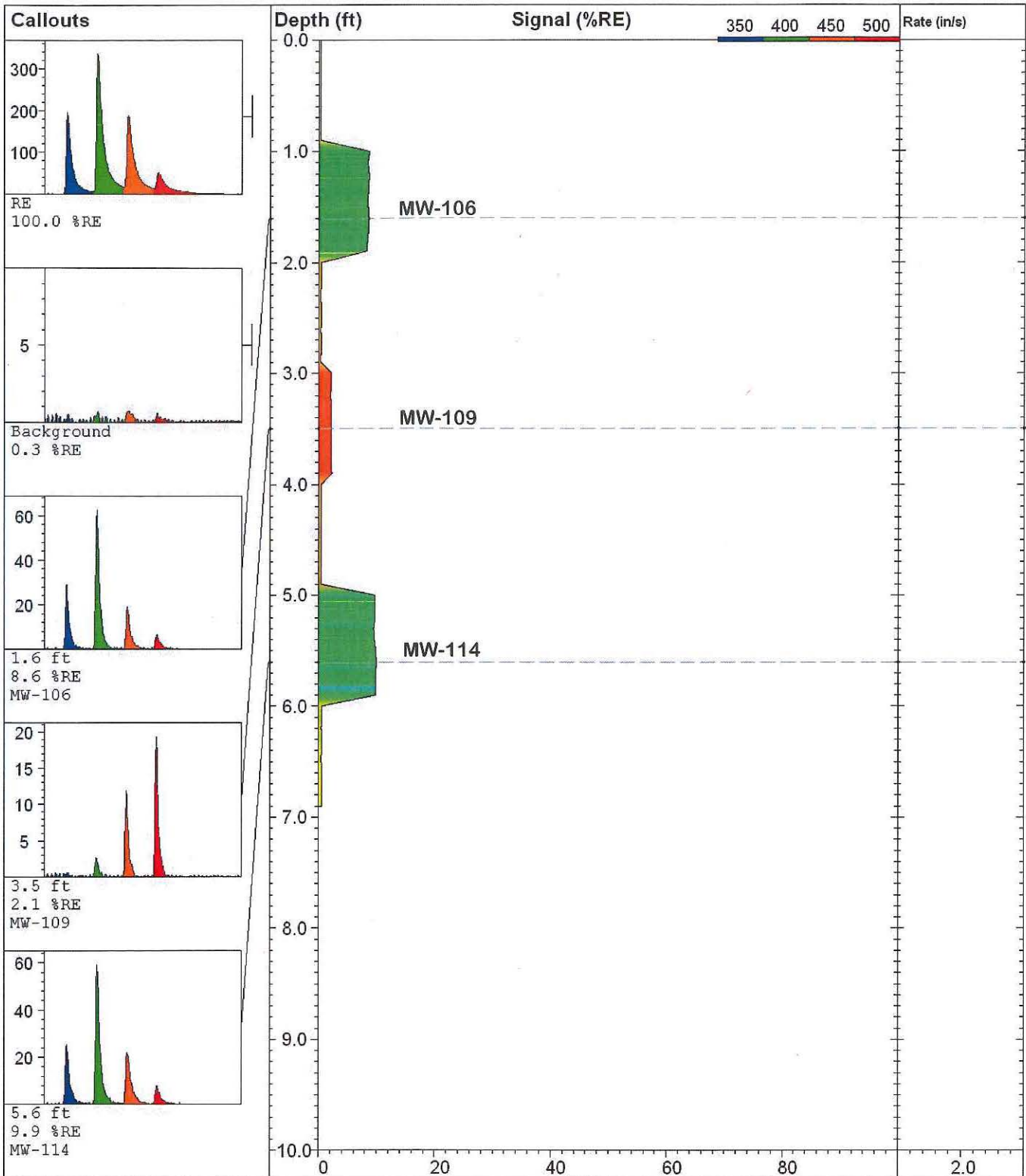
Michael Slenska, PE
Senior Environmental Manager

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Beazer_01

Site: Beazer Wabash		Y Coord.(Lat-N) / System: Unavailable / NA	TarGOST By Dakota www.DakotaTechnologies.com
Client / Job: Matrix /		X Coord.(Lng-E) / Fix: Unavailable / NA	Final depth: 3.90 ft
Operator / Unit: JLutz / TG1099		Elevation: Unavailable	Max signal: 656.4 %RE @ 2.30 ft
			Date & Time: 2013-01-03 15:41 CST



Emulation

Site:
OakCreek, WI

Client:
Tetra Tech Geo

Job:
117-2201257-02

Latitude / Datum:
Unavailable / NA

Longitude / Fix:
Unavailable / NA

Operator/Unit:
M Jenson/UVOST1023

UVOST By Dakota
www.DakotaTechnologies.com

Final depth:
6.90 ft

Max signal:
9.9 % @ 5.60 ft

Date & Time:
2013-01-02 09:50 CST