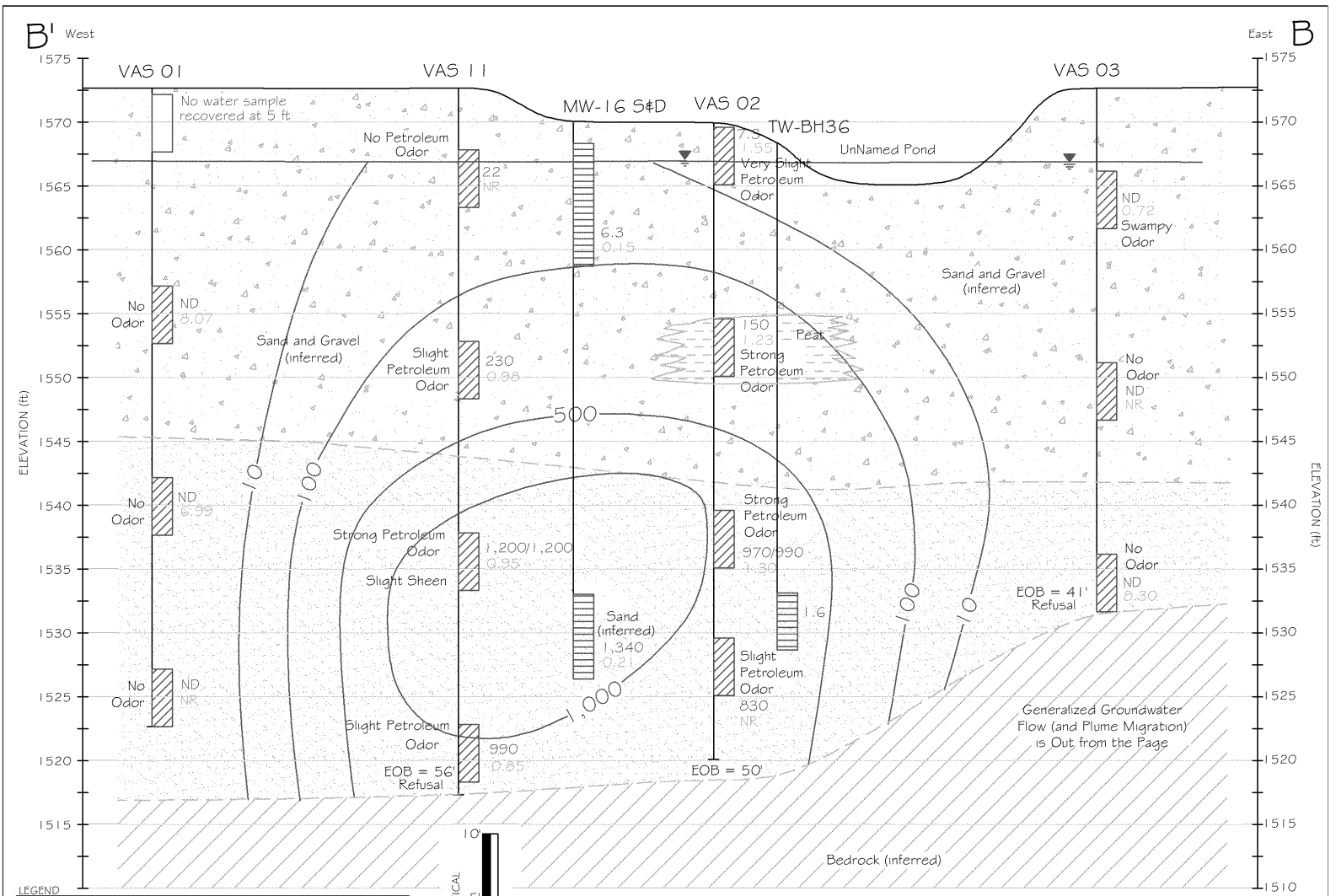
B' West
East B
VAS 01
VAS 11
MW-16 S&D
VAS 02
TW-BH36
VAS 03
No water sample recovered at 5 ft
No Petroleum Odor
UnNamed Pond
7.3
1.55
Very Slight Petroleum Odor
22
NR
6.3
0.15
ND
0.72
Swampy Odor
Sand and Gravel (inferred)
No Odor
ND
8.07
Sand and Gravel (inferred)
Slight Petroleum Odor
230
0.98
150
1.23
Peat
Strong Petroleum Odor
No Odor
ND
NR
500
10
100
No Odor
ND
6.99
Strong Petroleum Odor
1,200/1,200
0.95
Slight Sheen
Strong Petroleum Odor
970/990
1.30
No Odor
ND
8.30
EOB = 41' Refusal
Sand (inferred)
1,340
0.21
1.6
Slight Petroleum Odor
830
NR
No Odor
ND
NR
1,000
Slight Petroleum Odor
990
0.85
EOB = 56' Refusal
EOB = 50'
Generalized Groundwater Flow (and Plume Migration) is Out from the Page
Bedrock (inferred)
ELEVATION (ft)
1575
1570
1565
1560
1555
1550
1545
1540
1535
1530
1525
1520
1515
1510
VERTICAL
10'
5'
0
0
25'
50'
HORIZONTAL
LEGEND
EOB = End of Boring
ug/L = micro grams per liter
VAS = Vertical Aquifer Sample
ppb = Parts per Billion
230 ug/L- Benzene Concentration (ppb) 2014
1,340 ug/L- Benzene Concentration (ppb) 2015
1.30 mg/L- Dissolved Oxygen
Screen Interval (VAS)
Screen Interval (Monitor Well)
Shallow Potentiometric Surface
Benzene Plume Countour
ND = Not Detected
NR = No Reading
All Benzene values exceed Wisconsin Enforcement Standard (ES) values
WESTON SOLUTIONS
2501 Jolly Road
Suite 100
Okemos, Michigan
48864
GEOLOGICAL CROSS SECTION B–B'
WITH 2014–2015 BENZENE PLUME DEPICTION
HASKELL LAKE AREA
Lac du Flambeau, Vilas County, Wisconsin
SCALE: AS NOTED
DRAWN: EPM
DATE: 6/14
CHECKED BY: PB
FIGURE 7
J:\Figure 7 (B-B') Benzene.dwg
J:\Figure 7 (B-B') Benzene.dwg, 5/5/2016 1:31:30 PM