B
WEST

B'
EAST

L641 (projected)
L639(projected)
L637 (projected)
L635 (projected)
PC20
PC19
PC55
PC18
PC17
PC16
PC15
B-9
PC14
PC13
B5
B6
PC12
B8(projected)
PC-122
PC10(projected)

(ND/ND)
(ND/ND)
(ND/ND)
(.18/.14)
(.17/.12)
(.09/21)
(.09/.2*) *2/2007
(1.1*/1.1) (.38/.65) *11/2006
(ND/.08)

ART-1 & 1A (projected)
ART-2 & 2A
ART-8 & 8A
ART-3 & 3A
ART-4 & 4A
ARP-4R (projected)
ART-5
ART-6
ART-9
ART-7 & 7A
AM-1 a-b (projected)
ARP-5R (projected)
AM-2 a-b (projected)
ARP-6R (projected)

1620'
1610'
1600'
1590'
1580'
1570'
1560'

ELEVATION IN FEET ABOVE MEAN SEA LEVEL

ALLUVIUM
(GRAVEL, SANDY GRAVEL SAND, SILTY SAND, SILT)

ALLUVIUM
(GRAVEL, SANDY GRAVEL SAND, SILTY SAND, SILT)

CONTACT BETWEEN ALLUVIUM AND MUDDY CREEK FORMATION

DEPTH IN FEET BELOW GROUND SURFACE OF CONTACT BETWEEN ALLUVIUM AND MUDDY CREEK FORMATION

MUDDY CREEK BEDROCK HIGH

MUDDY CREEK FM.
(CLAY AND SILTY CLAY)

VERY HARD CALICHIFIED GRAVELLY SAND

WATER LEVEL 4/30/02

WATER LEVEL 5/9/07

P2
P8A
P3A
P4
P7A

18 25 29 33 41 52 53 55 58 48 51 45 47 44 37 33.5 27 27.5 22 22 25 29.5 33.5 34 45 40 45 37 34 45 65

(4/ND) (18/ND) (70/1.4) (368/214) (386/219) 65 (390*/334) * 10/2001 (186/65*) *2/2007 (328*/330) * 5/2006 65 (100*/138) *10/2001 (6*/11) *2/2004

Pre-Pumping water level on April 30, 2002
Recent water level on May 9, 2007 (P3A Water Level In Adjacent Pumping Well and Well Identification)
(75/0.2) Perchlorate Concentration (mg/L) (May 1998/May 2007) ND=<0.004 mg/L
(ND/.08) Total Chromium Concentration (mg/L) (May 1998/May 2007) ND=<0.02 mg/L
Screened Interval

VERTICAL SCALE IN FEET 10' 5' 0'
HORIZONTAL SCALE IN FEET 0' 50' 100'

50
Capture Work Plan Proposed Monitor Wells

DESIGNED BY: E. Kolb
DRAWN BY: M. Scop
CHECKED BY: E. Kolb
APPROVED BY: D. Gehrt

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WEST - EAST HYDROGEOLOGIC CROSS SECTION B-B'
ATHENS ROAD - HFI - FIELD
MAY 2007
Annual Performance Report
Tronox Facility, Henderson, Nevada

PROJECT NUMBER: 04003-052-110
DATE: 6/30/2007
SCALE: as noted

FIGURE NUMBER: 3
SHEET NUMBER: X