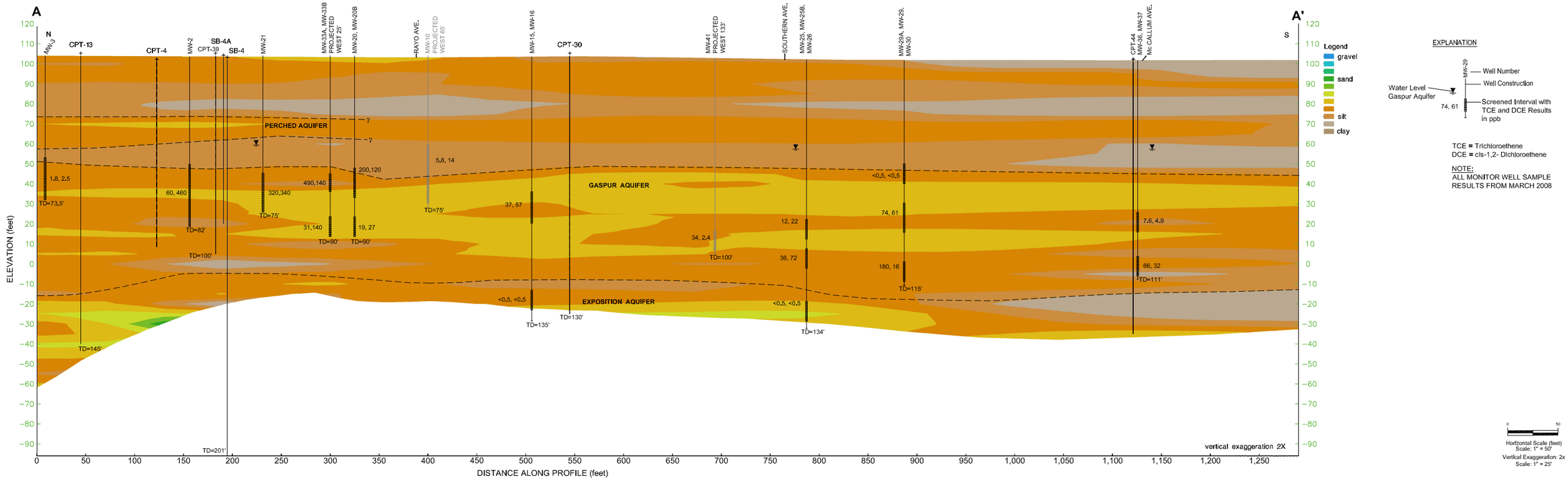
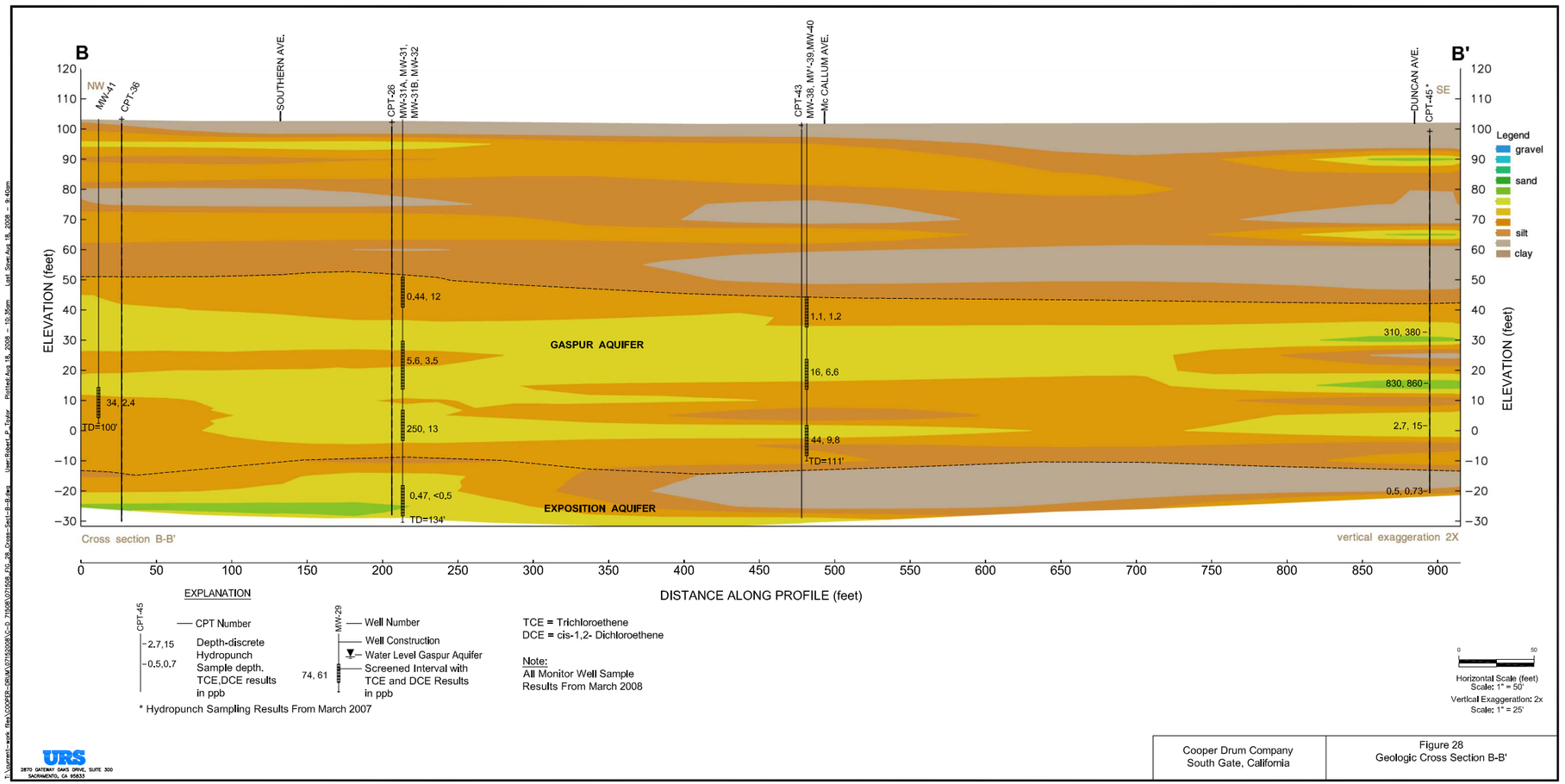


UBS
2870 GATEWAY OAKS DRIVE, SUITE 300
SACRAMENTO, CA 95833

Cooper Drum Company South Gate, California	Figure 27 Geologic Cross Section A-A'


B
B'
NW
SE
MW-41
CPT-36
SOUTHERN AVE.
CPT-26
MW-31A, MW-31,
MW-31B, MW-32
CPT-43
MW-38, MW-39,MW-40
Mc CALLUM AVE.
DUNCAN AVE.
CPT-45*
ELEVATION (feet)
GASPUR AQUIFER
EXPOSITION AQUIFER
34, 2.4
TD=100'
0.44, 12
5.6, 3.5
250, 13
0.47, <0.5
TD=134'
1.1, 1.2
16, 6.6
44, 9.8
TD=111'
310, 380
830, 860
2.7, 15
0.5, 0.73
Legend
gravel
sand
silt
clay
Cross section B-B'
vertical exaggeration 2X
DISTANCE ALONG PROFILE (feet)
EXPLANATION
CPT-45
CPT Number
2.7,15
0.5,0.7
Depth-discrete Hydropunch Sample depth. TCE,DCE results in ppb
MW-29
Well Number
Well Construction
Water Level Gaspur Aquifer
74, 61
Screened Interval with TCE and DCE Results in ppb
* Hydropunch Sampling Results From March 2007
TCE = Trichloroethene
DCE = cis-1,2- Dichloroethene
Note:
All Monitor Well Sample Results From March 2008
Horizontal Scale (feet)
Scale: 1" = 50'
Vertical Exaggeration: 2x
Scale: 1" = 25'
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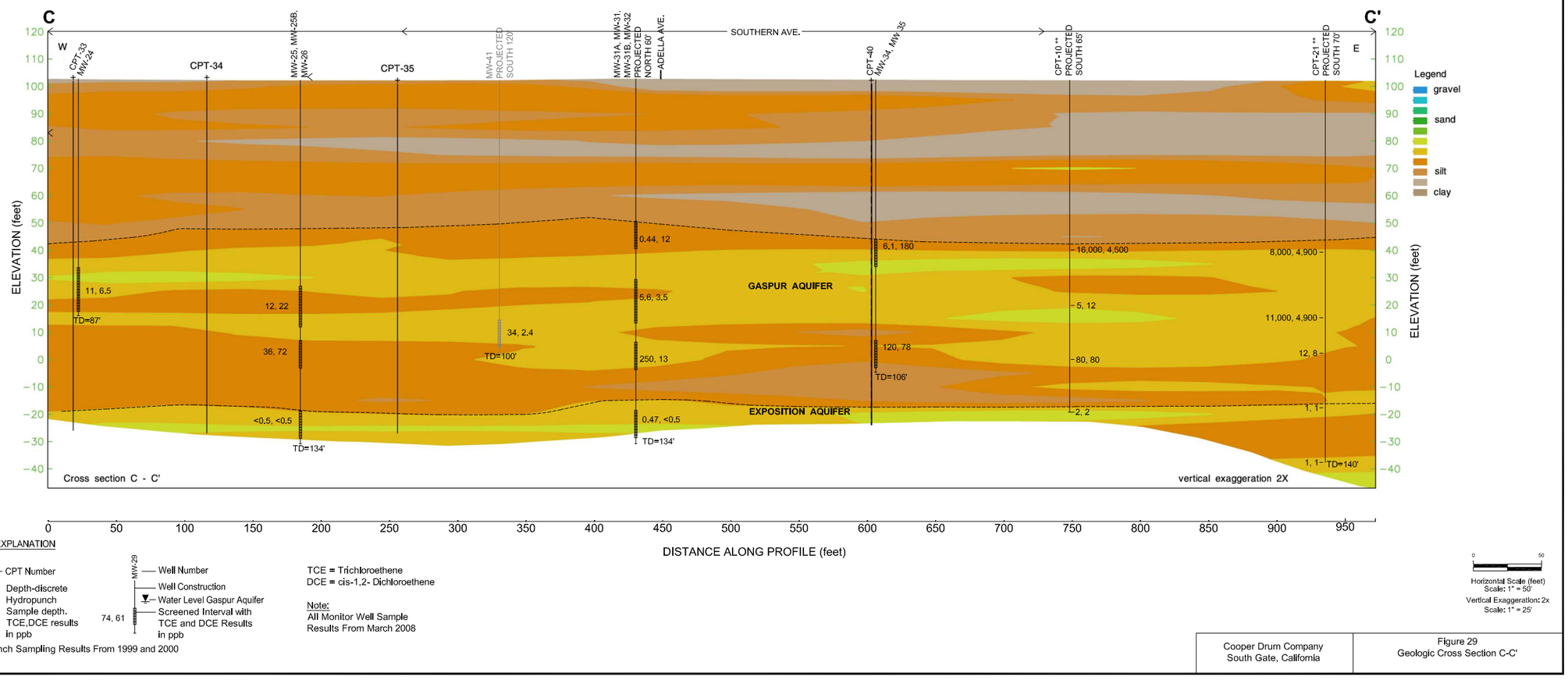
SACRAMENTO, CA 95833
Cooper Drum Company
South Gate, California
Figure 28
Geologic Cross Section B-B'



EXPLANATION

CPT-45 — CPT Number
2.7,15 / 0.5,0.7 — Depth-discrete Hydropunch Sample depth. TCE,DCE results in ppb

MW-29 — Well Number
Well Construction
Water Level Gaspur Aquifer
74, 61 — Screened Interval with TCE and DCE Results in ppb

TCE = Trichloroethene
DCE = cis-1,2- Dichloroethene

Note:
All Monitor Well Sample Results From March 2008

** Hydropunch Sampling Results From 1999 and 2000

Horizontal Scale (feet)
Scale: 1" = 50'
Vertical Exaggeration: 2x
Scale: 1" = 25'

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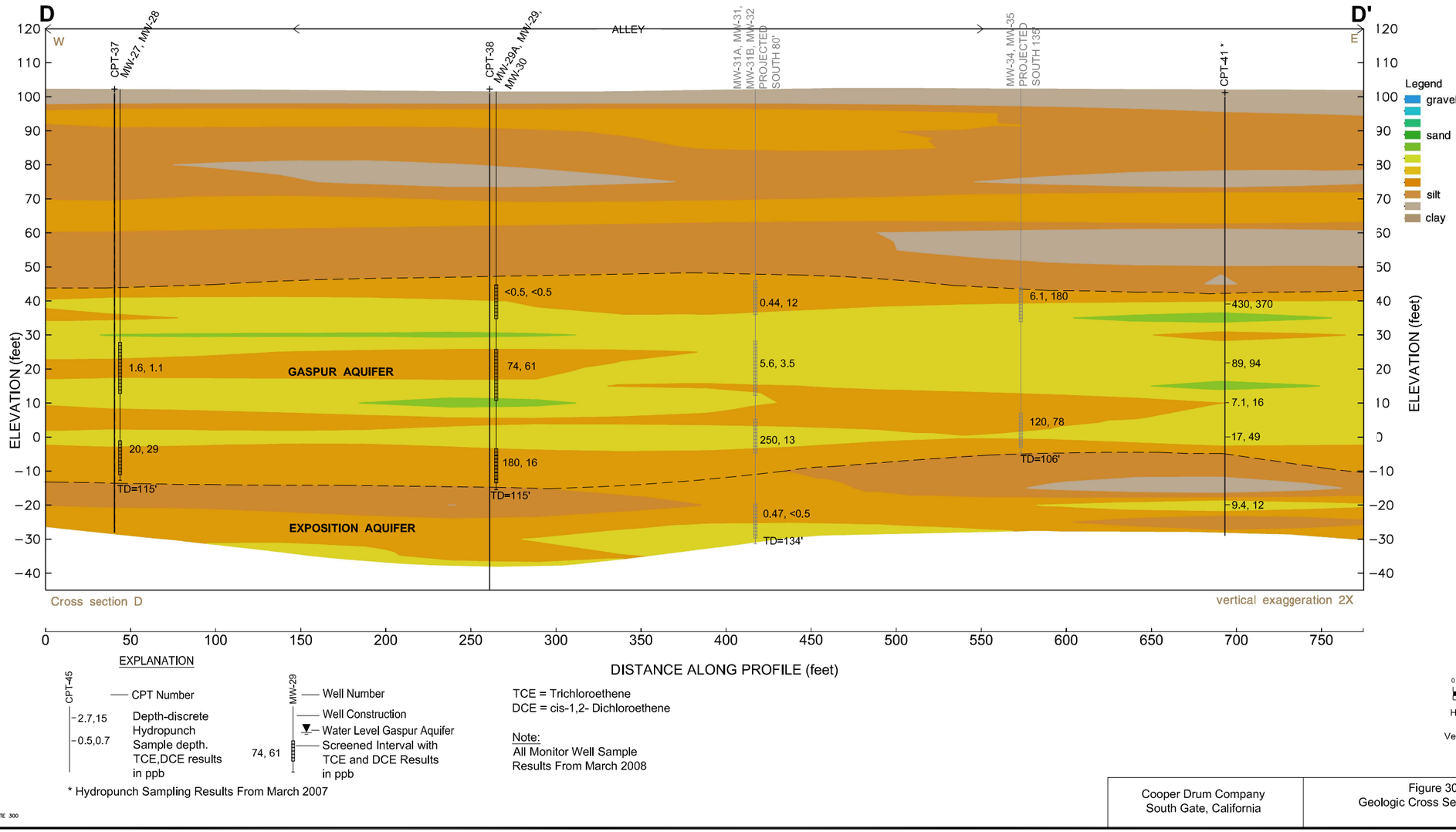
Figure 29
Geologic Cross Section C-C'

I:\Current_work files\COOPER-DRUM\07020085\Cs-D 7020085 070529_fig_29_Cross-Sect-C-C'.dwg User:Robert_P_Taylor Plotted:Aug 18, 2008 - 10:35am Last Save:Aug 18, 2008 - 9:35am



EXPLANATION

CPT-45 — CPT Number
2.7,15 / 0.5,0.7 — Depth-discrete Hydropunch Sample depth. TCE,DCE results in ppb

MW-29 — Well Number
Well Construction
Water Level Gaspur Aquifer
74, 61 — Screened Interval with TCE and DCE Results in ppb

TCE = Trichloroethene
DCE = cis-1,2- Dichloroethene

Note:
All Monitor Well Sample Results From March 2008

* Hydropunch Sampling Results From March 2007

Horizontal Scale (feet)
Scale: 1" = 50'
Vertical Exaggeration: 2x
Scale: 1" = 25'

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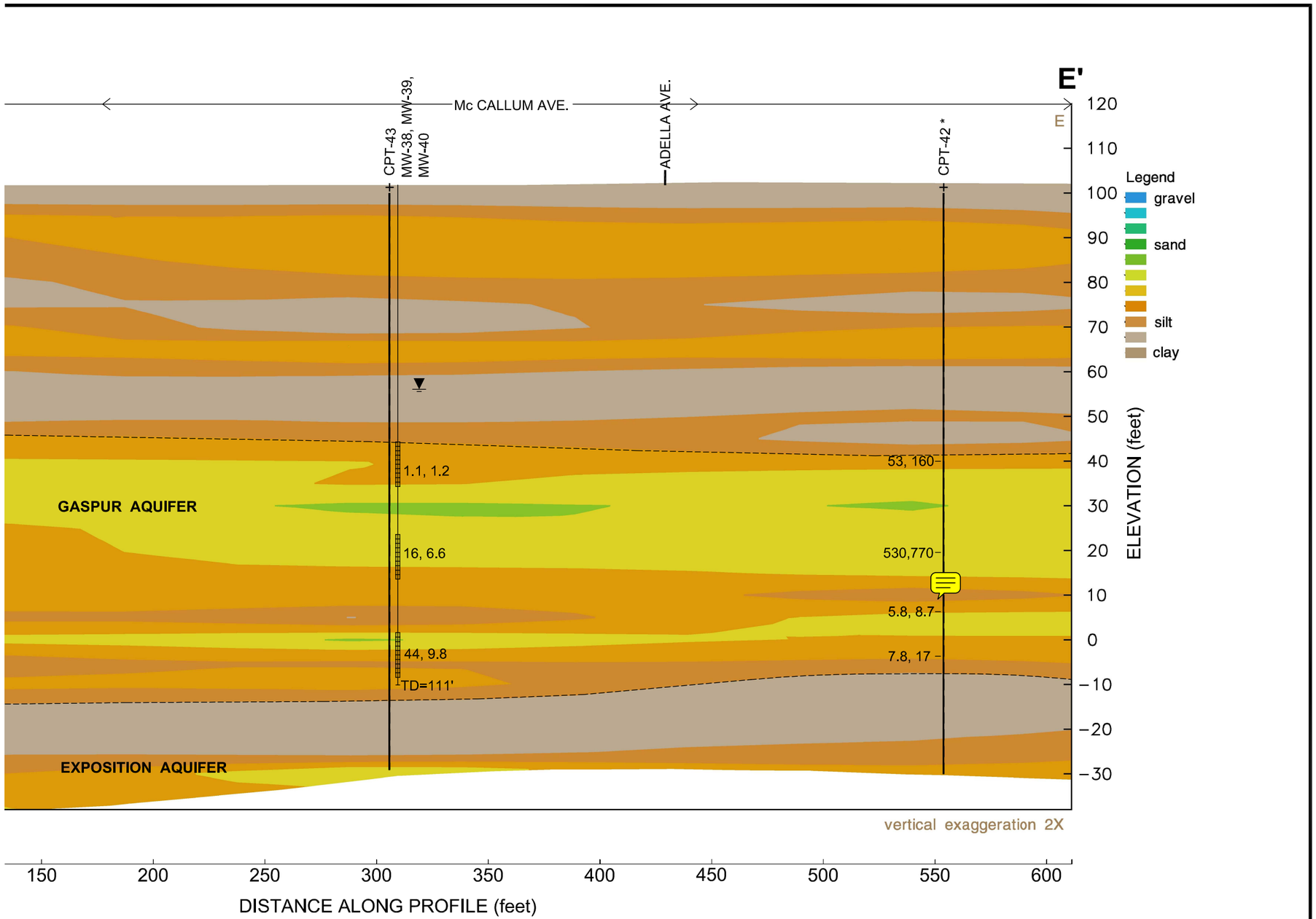
Figure 30
Geologic Cross Section D-D'

T:\current-work files\COOPER-DRUM\071520081\C-D_71508\071508_FIG_30_Cross-Sect-D-D.dwg User:Robert_P_Taylor Plotted:Aug 18, 2008 - 10:36am Last Save:Aug 18, 2008 - 9:44am



MW-29 — Well Number
Well Construction
Water Level Gaspur Aquifer
Screened Interval with TCE and DCE Results in ppb

1

March 2007

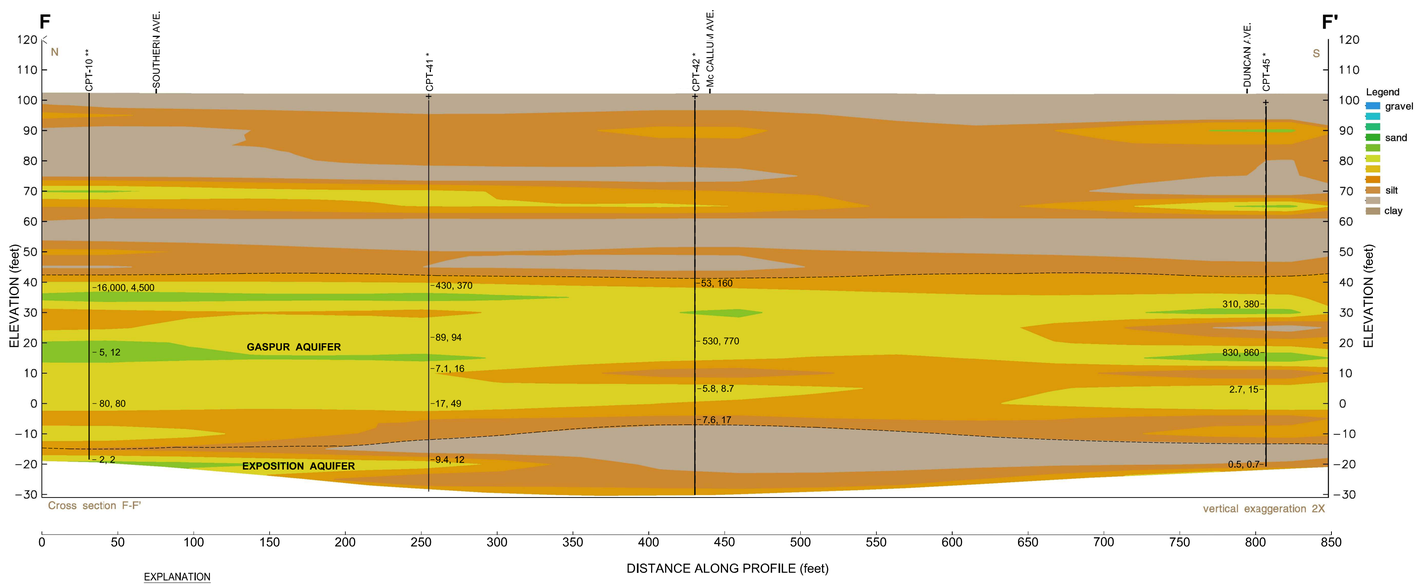
TCE = Trichloroethene
DCE = cis-1,2- Dichloroethene

Note:
All Monitor Well Sample Results From March 2008

0 50

Horizontal Scale (feet)
Scale: 1" = 50'
Vertical Exaggeration: 2x
Scale: 1" = 25'

Cooper Drum Company South Gate, California	Figure 31 Geologic Cross Section E-E'



EXPLANATION

CPT-45 — CPT Number

2.7,15 — Depth-discrete Hydropunch Sample depth.

0.5,0.7 — TCE,DCE results in ppb

* Hydropunch Sampling Results From March 2007

** Hydropunch Sampling Results From 1999 and 2000

TCE = Trichloroethene

DCE = cis-1,2- Dichloroethene

Horizontal Scale (feet)
Scale: 1" = 50'
Vertical Exaggeration: 2x
Scale: 1" = 25'

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Figure 32
Geologic Cross Section F-F'

DRAWING: 071508_FIG_33_PROP-WELL-LOC-LOWER-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg

DRAWING: T:\current-work files\COOPER-DRUM\07152008\C-D 71508\ PLOT BY: ROBERT_P_TAYLOR - Sep 23, 2008 - 9:37:06am IMAGES:

MW-3
MW-1
MW-2
EW-2
MW-5
MW-21
EW-1
MW-33A
MW-33B
MW-20
MW-20B
MW-4
MW-22
MW-23
MW 19
MW 17
MW 18
MW 12
MW 8
MW 10
MW 15
MW 16
MW 14
MW 24
MW 25
MW 25B
MW 26
MW 28
MW 27
MW 30
MW 29
MW 29A
MW 32
MW 31
MW 31B
MW 31A
MW 35
MW 34
MW 36
MW 37
MW 38
MW 39
MW 40
MW 41
CPT-1 CPT-2 CPT-3 CPT-4 CPT-5 CPT-6 CPT-7 CPT-8 CPT-9 CPT-10 CPT-11 CPT-12 CPT-13 CPT-14 CPT-15 CPT-16 CPT-17 CPT-18 CPT-19 CPT-20 CPT-21 CPT-22 CPT-23 CPT-24 CPT-25 CPT-26 CPT-27 CPT-28 CPT-29 CPT-30 CPT-31 CPT-32 CPT-33 CPT-34 CPT-35 CPT-36 CPT-37 CPT-38 CPT-40 CPT-41 CPT-42 CPT-43 CPT-44 CPT-45
HP-35 HP-36 HP-8 HP-26
(19) (20) (31) (36) (44) (66) (120) (180) (250) (34)
(17)* (2.7)* (5.8)*
[5] [10] [100]
?
19' DIRT DRIVEWAY
CORVAL STREET (ALLEY WAY)
2 STY. WOOD STORAGE BUILDING
ROOF AREA
SHED
FORMER HARD WASH AREA
BLOCKWALL
CURB LINE
RAYO AVE.
DOCK
STORAGE/SHIPPING
OFFICE
MACHINE ROOM
BOILER PAD
ROOF OVERHANG
DRUM PROCESSING BLDG.
TANK
SUMP
HARD WASH AREA
WAREHOUSE
FENCE
ATLANTIC AVENUE
CHAIN LINK FENCE
FORMER TWEEDY SCHOOL
BLDG 1
BLDG 2
BLDG 4
BLDG 5
BLDG 6
BLDG 7
OVERHANG
PATIO
CATCH BASIN
ELECT. TRANS.
SOUTHERN AVENUE
CENTERLINE
ELG METALS BLDG
BIMBO BAKERY
SEAM MASTER INDUSTRIES CAMPUS
5221 SOUTHERN AVENUE
SOUTHERN AVE.
ALLEY
ADELLA AVE.
MC CALLUM AVE
DUNCAN AVE

LEGEND

PROPOSED MONITORING WELL LOCATION EACH LOCATION INCLUDES 3 WELLS COMPLETED IN THE SHALLOW, INTERMEDIATE, AND LOWER GASPUR AQUIFER

PROPOSED MONITORING WELL LOCATION INSTALLED IN THE LOWER GASPUR AQUIFER.

PROPOSED MONITORING WELL LOCATION INSTALLED IN THE EXPOSITION AQUIFER.

ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)

OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)

OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)

GROUNDWATER EXTRACTION WELL LOCATION

(66) TCE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.

—[10]— ESTIMATED LINE OF EQUAL TCE CONCENTRATION IN µg/L. LOWER GASPUR AQUIFER, AUGUST 2008

(2.7)* * HYDROPUNCH SAMPLING DATA FROM FEB/MARCH 2007.

TCE=TRICHLOROETHENE

N W E S

150 75 0 150 300

SCALE IN FEET

URS
2870 Gateway Oaks Dr., Ste. 150
Sacramento, CA 95833-3200
TEL: (916) 679-2000
FAX: (916) 679-2900

Cooper Drum Company
South Gate, California

Figure - 33
Proposed Monitor Well Locations
September 2008