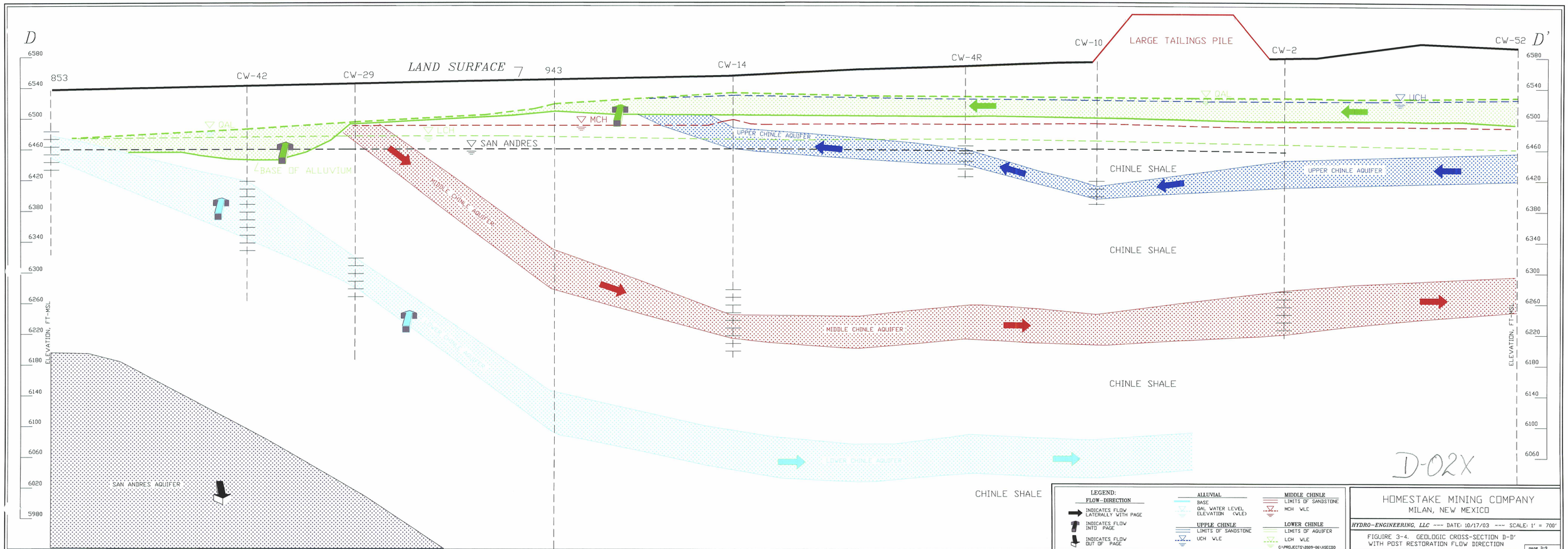
D
D'
LAND SURFACE
853
CW-42
CW-29
943
CW-14
CW-4R
CW-10
LARGE TAILINGS PILE
CW-2
CW-52
QAL
UCH
MCH
LCH
SAN ANDRES
BASE OF ALLUVIUM
UPPER CHINLE AQUIFER
MIDDLE CHINLE AQUIFER
LOWER CHINLE AQUIFER
SAN ANDRES AQUIFER
CHINLE SHALE
ELEVATION, FT-MSL
6580
6540
6500
6460
6420
6380
6340
6300
6260
6220
6180
6140
6100
6060
6020
5980
D-02X
LEGEND:
FLOW-DIRECTION
INDICATES FLOW LATERALLY WITH PAGE
INDICATES FLOW INTO PAGE
INDICATES FLOW OUT OF PAGE
ALLUVIAL
BASE
QAL WATER LEVEL ELEVATION (WLE)
UPPLE CHINLE
LIMITS OF SANDSTONE
UCH WLE
MIDDLE CHINLE
LIMITS OF SANDSTONE
MCH WLE
LOWER CHINLE
LIMITS OF AQUIFER
LCH WLE
C:\PROJECTS\2009-06\XSECDD
HOMESTAKE MINING COMPANY
MILAN, NEW MEXICO
HYDRO-ENGINEERING, LLC ~~~ DATE: 10/17/03 ~~~ SCALE: 1' = 700'
FIGURE 3-4. GEOLOGIC CROSS-SECTION D-D'
WITH POST RESTORATION FLOW DIRECTION
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