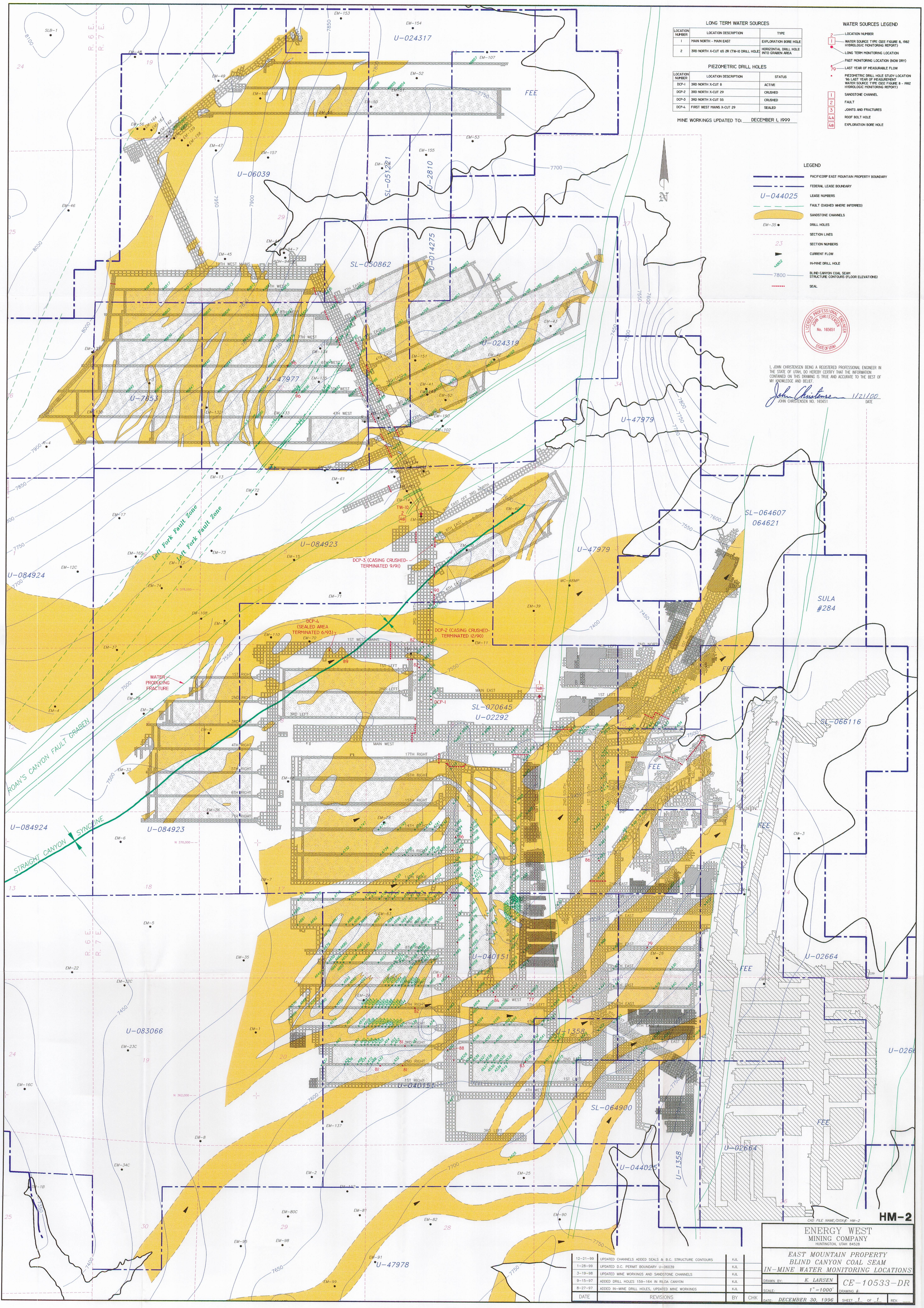

LONG TERM WATER SOURCES

LOCATION NUMBER	LOCATION DESCRIPTION	TYPE
1	MAIN NORTH - MAIN EAST	EXPLORATION BORE HOLE
2	3RD NORTH X-CUT 65 2R (TW-10 DRILL HOLE)	HORIZONTAL DRILL HOLE INTO GRABEN AREA

PIEZOMETRIC DRILL HOLES

LOCATION NUMBER	LOCATION DESCRIPTION	STATUS
DCP-1	3RD NORTH X-CUT 8	ACTIVE
DCP-2	3RD NORTH X-CUT 29	CRUSHED
DCP-3	3RD NORTH X-CUT 55	CRUSHED
DCP-4	FIRST WEST MAINS X-CUT 29	SEALED

MINE WORKINGS UPDATED TO: DECEMBER 1, 1999

WATER SOURCES LEGEND

- 2 — LOCATION NUMBER
- 1 — WATER SOURCE TYPE (SEE FIGURE 8, 1982 HYDROLOGIC MONITORING REPORT)
- LONG TERM MONITORING LOCATION
- PAST MONITORING LOCATION (NOW DRY)
- 79 — LAST YEAR OF MEASURABLE FLOW
- PIEZOMETRIC DRILL HOLE STUDY LOCATION '86 LAST YEAR OF MEASUREMENT WATER SOURCE TYPE (SEE FIGURE 8 - 1982 HYDROLOGIC MONITORING REPORT)
- 1 — SANDSTONE CHANNEL
- 2 — FAULT
- 3 — JOINTS AND FRACTURES
- 4A — ROOF BOLT HOLE
- 4B — EXPLORATION BORE HOLE

LEGEND

- PACIFICORP EAST MOUNTAIN PROPERTY BOUNDARY
- FEDERAL LEASE BOUNDARY
- U-044025 — LEASE NUMBERS
- FAULT (DASHED WHERE INFERRED)
- SANDSTONE CHANNELS
- EM-35 — DRILL HOLES
- SECTION LINES
- 23 — SECTION NUMBERS
- CURRENT FLOW
- x4802 — IN-MINE DRILL HOLE
- 7800 — BLIND CANYON COAL SEAM STRUCTURE CONTOURS (FLOOR ELEVATIONS)
- SEAL

LICENSED PROFESSIONAL ENGINEER JOHN CHRISTENSEN No. 165651 STATE OF UTAH

I, JOHN CHRISTENSEN BEING A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF UTAH, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED ON THIS DRAWING IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

John Christensen 1/21/00
JOHN CHRISTENSEN NO. 165651 DATE

DATE	REVISIONS	BY	CHK
12-21-99	UPDATED CHANNELS ADDED SEALS & B.C. STRUCTURE CONTOURS	KJL	
1-28-99	UPDATED D.C. PERMIT BOUNDARY U-06039	KJL	
3-19-98	UPDATED MINE WORKINGS AND SANDSTONE CHANNELS	KJL	
9-15-97	ADDED DRILL HOLES 159-164 IN RILDA CANYON	KJL	
8-27-97	ADDED IN-MINE DRILL HOLES, UPDATED MINE WORKINGS	KJL	

CAD FILE NAME/DISK#: HM-2

HM-2

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

EAST MOUNTAIN PROPERTY
BLIND CANYON COAL SEAM
IN-MINE WATER MONITORING LOCATIONS

DRAWN BY: K. LARSEN
SCALE: 1"=1000'
DATE: DECEMBER 30, 1996
DRAWING #: CE-10533-DR
SHEET 1 OF 1 REV.