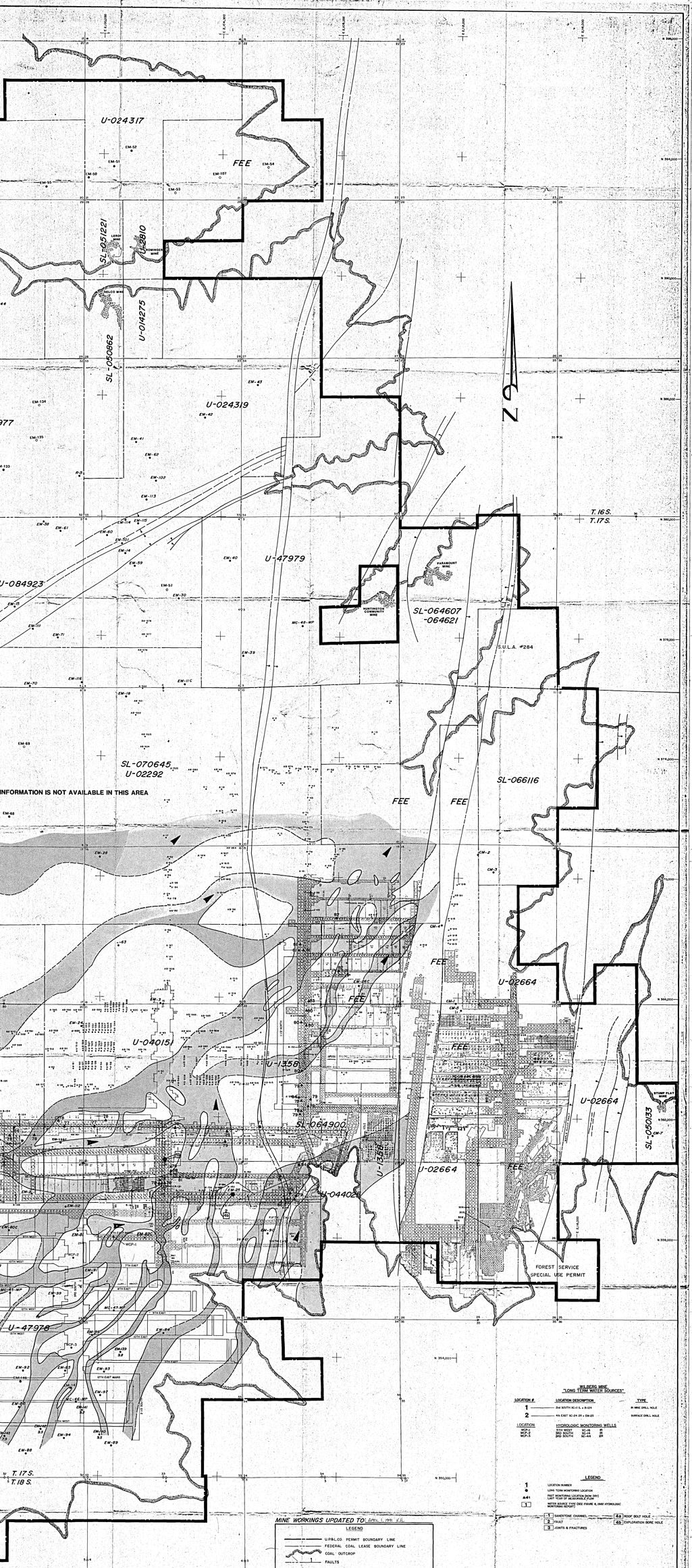

MINE WORKINGS UPDATED TO: [illegible]

LEGEND

- U.P&L.CO. PERMIT BOUNDARY LINE
- FEDERAL COAL LEASE BOUNDARY LINE
- COAL OUTCROP
- FAULTS
- SECTION CORNER
- FOUND SECTION CORNER
- EM-26C — SURFACE DRILL HOLE (EM-26C = East Mtn. Drill Hole No.: 26, C = Coring, R = Ride)
- IN MINE DRILL HOLE (+ = Completed, o = Proposed)
- ROADS
- U-47978 — FEDERAL COAL LEASE NUMBER
- SANDSTONE ROOF
- DIRECTION OF CURRENT
- SANDSTONE CHANNEL (NOT IN DIRECT CONTACT WITH THE COAL SEAM)

...ose information contained herein has been reviewed and been found to be true and accurate to the best of my knowledge.

License Issued 5/7/86 and Expires 5/30/90.

WILBERG MINE
"LONG TERM WATER SOURCES"

LOCATION #	LOCATION DESCRIPTION	TYPE
1	2nd SOUTH XC-1 L = 0-01	IN MINE DRILL HOLE
2	4th EAST XC-24 25 + EM-05	SURFACE DRILL HOLE

LOCATION	HYDROLOGIC MONITORING WELLS	
WCP-2	5TH WEST XC-16	IR
WCP-3	3RD SOUTH XC-41	IR
WCP-5	3RD SOUTH XC-44	SR

LEGEND

- 1 — LOCATION NUMBER
- ● — LONG TERM MONITORING LOCATION
- A41 — PAST MONITORING LOCATION (NOW DRY) LAST YEAR OF MEASURABLE FLOW
- 1 — WATER SOURCE TYPE (SEE FIGURE 4, 1992 HYDROLOGIC MONITORING REPORT)

- 1 — SANDSTONE CHANNEL
- 2 — FAULT
- 3 — JOINTS & FRACTURES
- 4a — ROOF BOLT HOLE
- 4b — EXPLORATION BORE HOLE

DATE	REVISIONS	BY	CHK
4/28/90	UPDATED WORKINGS, ROOF LITHOLOGY AND DRILL HOLES, REVISED LEGEND AND ADDED WATER PROGRAM STRUCTURE	AS, JRC	
4/26/90	REVISED SANDSTONE CHANNELS AND UPDATE MINE WORKINGS	K.J.L.	
4/3/90	UPDATED WORKINGS & ADDED NOTE "NO DATA" FOR SL-064607 & -064621	JRC	
8/29/89	ADDED FEDERAL LEASE GUIDES TO UPPER LEFT PRIMARY BOUNDARY	K.J.L.	
6/26/89	ADDED CUT TOMAHOK MINE AREA, REVISED BOUNDARY	K.J.L.	
6/1/89	ADDED HYDROLOGIC MONITORING WELLS NEAR TO MOP-4	J.R.B.	
3/31/89	REVISED ROOF LITHOLOGY, CREATED AREA INFORMATION NOT AVAILABLE, ADDED FOREST SERVICE SPECIAL USE PERMIT AREA		
10/27/88	REVISED ROOF LITHOLOGY IN 5, 6, & 7 EAST & 1st SOUTH TO 2nd SOUTH AREA	CRM	

HM-3

EAST MOUNTAIN PROPERTY

EMERY COUNTY, UTAH

HIAWATHA COAL SEAM
IN-MINE WATER MONITORING LOCATIONS

UTAH POWER & LIGHT COMPANY
MINING DIVISION-SALT LAKE CITY, UTAH 84110

DATE: SEPTEMBER 4, 1986	DRAWN BY: R.E.W.	DRAWING NUMBER
SCALE: 1" = 2000'	SCALE: 1" = 2000'	CE-10532-WB

SUPERSEDES DWG. #CE-10452-WB