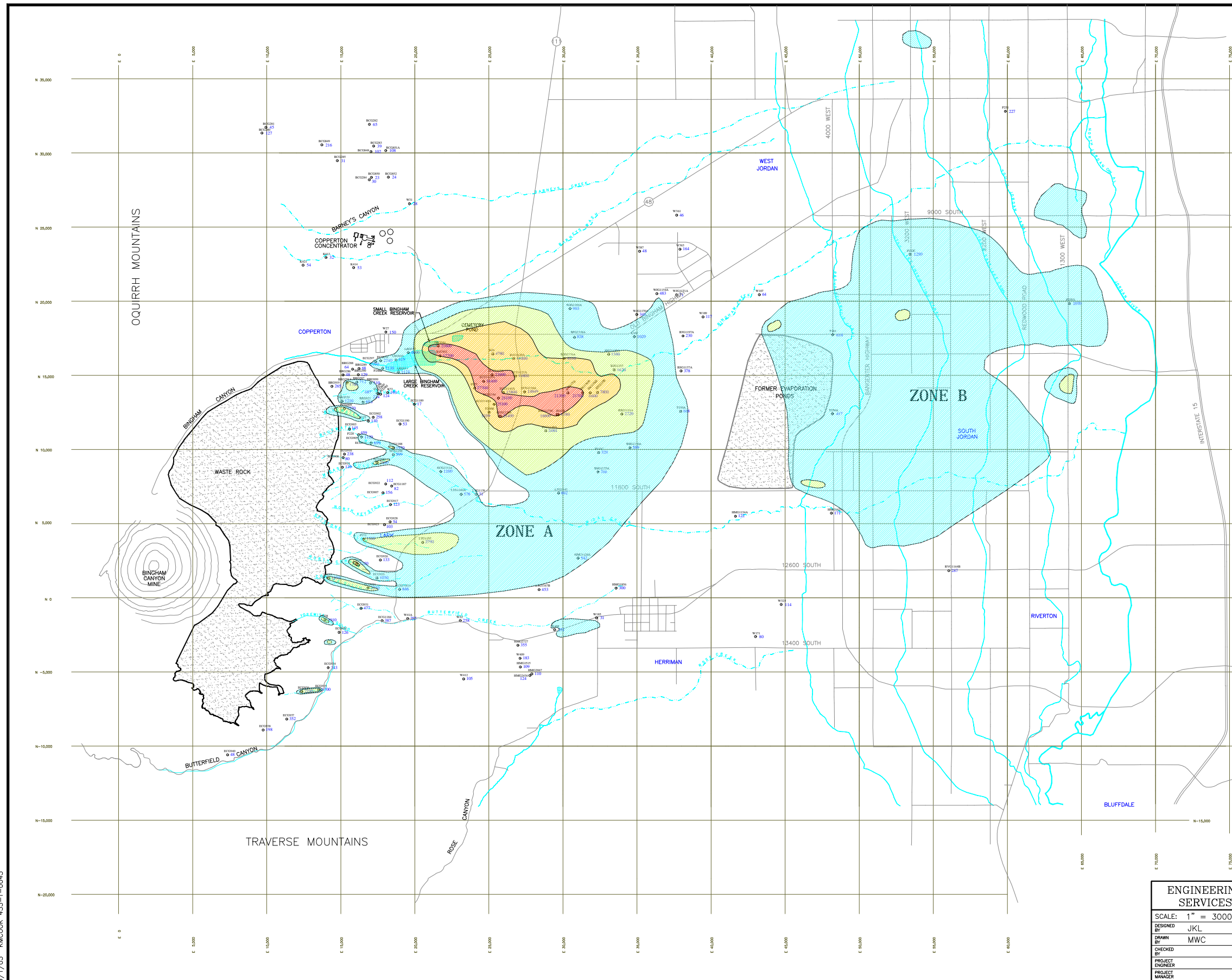


4/1/03 KMC00K 455-T-0043



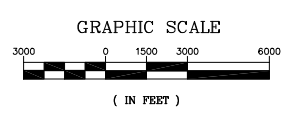
**LEGEND**

- WASTE ROCK KUC SUPPORT FACILITIES
- COPPERTON CITY, TOWN OR PLACE
- RIVERS, CANALS (SOLID LINE)
- INTERMITTENT STREAMS, DRAINAGE PATTERNS (DASHED LINE)
- ROADS
- MONITORING WELL ID WITH SO4 CONCENTRATION IN MG/L

**SULFATE CONCENTRATION**

ISOCONCENTRATION CONTOUR, DASHED WHERE INFERRED FROM 1996 OR 1999 DATA

- SO4 500-1500 mg/l
- SO4 1,500-5,000 mg/l
- SO4 5,000-20,000 mg/l
- SO4 20,000+ mg/l



1. Contour lines first generated in Surfer 3.2 using kriging contouring methods. These contours were then modified to somewhat conform to the position of the 1996 contours which were based on the complete RI/FS data set and which took into consideration known hydrogeologic controls.

<b>ENGINEERING SERVICES</b>		<b>KENNECOTT UTAH COPPER</b>	
SCALE: 1" = 3000'	DATE	FIGURE 4-1 S.W. JORDAN VALLEY HIGHEST SO4 CONCENTRATION AT ANY DEPTH	
DESIGNED BY JKL	1/1/02		
DRAWN BY MWC	2/7/03		
CHECKED BY			
PROJECT ENGINEER			
PROJECT MANAGER			
Job No. ---	Dwg. No. 455-T-0043	REV 2 DATE 2/7/03	