



LEGEND

	ALLUVIAL DEPOSITS - clay, silt, sand and gravel to boulders; fluvial terraces, floodplain and stream deposits; light brown, unconsolidated, commonly well stratified and lenticular.		FAN DEPOSITS - clay, silt, sand, and gravel to boulders; low, outspread, relatively flat to gently sloping mass of unconsolidated alluvial material shaped like an open fan and deposited by a stream; mapped only where these deposits could be confused with alluvial deposits (Qal).
	COLLUVIAL DEPOSITS - clay, silt, sand and some gravel; composed chiefly of debris from sheet erosion, deposits by unconcentrated runoff or slope wash, together with other mass movement accumulation and windblown deposits; mapped only where these deposits could be confused with alluvial deposits (Qal).		PEDIMENT DEPOSITS - sand to cobbles; poorly sorted, subrounded to rounded; pediment surface thins eastward.

- FLOOD IRRIGATED AND SPECIALLY MANAGED AGRICULTURAL LAND
- DIVERSION STRUCTURE
- FAULT TRACE
- WATER RIGHTS (WELLS)
- WATER RIGHTS (SPRINGS)
- WATER RIGHTS (STREAMS)
- USGS SAMPLE SITE

BASE MAP: U.S. GEOLOGICAL SURVEY, EMERY WEST 1966
 AERIAL PHOTO REVISION: 1978
 PHOTO REVISION: 1978
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NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
1	7/25	JAG	INITIAL PERMIT BOUNDARY TO				
2	6/20/05	JAG	ADDED FIRST NORTH I.B.C.				

0' 1200'
 SCALE: 1" = 1200'
 CONTOUR INTERVAL = 40'

DRAWN BY: SWF
 CHECKED BY: JAG
 ORIGINAL DATE: 6/90
 RE-DRAWN DATE: 7/05

APPROVED BY: JAG
 DWG DATA: Q:\JCS82\03\DWG\PLATE V1-6.DWG

EMERY MINE
 EMERY COUNTY, UTAH

CONSOLIDATION COAL COMPANY
 P.O. BOX 566
 SESSER, IL 62884-0566

PERMIT NO. ACT015/015

PLATE V1-6
GEOMORPHIC MAP

RECEIVED
 SEP 14 2005
 DIV. OF OIL, GAS & MINING

