



- LEGEND**
- HIGH ANGLE NORMAL FAULT (DASHED WHERE APPROXIMATELY LOCATED, DOTTED WHERE CONCEALED)
 - SURFACE CONTACT LOCATION (DASHED WHERE APPROXIMATE)
 - SP-12 SPRING
 - SP-14 IRRIGATION SEEP
 - DRY SITE PREVIOUSLY (1977) MAPPED AS A SPRING
 - Kmb** BLUE GATE MEMBER OF MANCOS SHALE
 - Kme** EMERY SANDSTONE MEMBER OF MANCOS SHALE
 - Kmel** LOWER LEDGE OF EMERY SANDSTONE MEMBER OF MANCOS SHALE
 - Kmf** FERRON SANDSTONE MEMBER OF MANCOS SHALE
 - Kmt** TUNUNK MEMBER OF MANCOS SHALE
 - Kmu** MANCOS SHALE UNCERTAIN
 - Oa** STREAM AND WASH ALLUVIAL DEPOSITS, UNDIFFERENTIATED
 - Oa1** STREAM AND WASH ALLUVIAL DEPOSITS, ACTIVE DRAINAGE
 - Oa2** STREAM AND WASH ALLUVIAL DEPOSITS, ABOVE ACTIVE DRAINAGE
 - Oam** ALLUVIAL MUD AND SLOPE WASH DEPOSITS
 - Oap** PEDIMENT-MANTLE DEPOSITS
 - Oea** MIXED WIND-BLOWN SAND AND ALLUVIUM
 - Oms** LANDSLIDE AND SLUMP DEPOSITS
 - Omt** TALUS AND ALLUVIUM



BASE MAP:
 15-MINUTE QUADRANGLE, EMERY WEST 1968
 EMERY EAST 1968, PHOTO REVISED 1978
 MESA BUTTE 1968, PHOTO REVISED 1978
 WALKER FLAT 1968, PHOTO REVISED 1978

COORDINATE SYSTEM:
 STATE PLANE COORDINATES
 ZONE 5402-UTAH, CENTRAL - US FEET
 VERTICAL DATUM - NAVD 88-45 FEET

GEOLOGIC MAP
 EAST HALF OF THE SALINA 30'x60' QUADRANGLE,
 EMERY, SEVER AND WALKER COUNTIES, UTAH
 BY HELMUT W. DOELLING 2004

EXTERNAL REFERENCE:
 G:\UC982\03\VDW\REF-UGSSMAP.DWG
 G:\UC982\03\VDW\REF-PERIMBOUND.DWG
 G:\UC982\03\VDW\REF-SECTION.DWG

NO.	DATE	BY	DESCRIPTION	NO.	DATE	BY	DESCRIPTION
1	8/01/07	JAG	UPDATE MAP (OLD V-2/2A)				
2							

0' 1000'
 SCALE: 1" = 1000'
 CONTOUR INTERVAL = 40'

DRAWN BY: SWF
 CHECKED BY: JAG
 ORIGINAL DATE: 8/07
 RE-DRAWN DATE: 12/05
 APPROVED BY: JAG
 DWG DATA: G:\UC982\14-HYDROLOGY
 REWRITE\PLATEVI-V-Geo.DWG

EMERY MINE
 EMERY COUNTY, UTAH
 PERMIT NO.
 ACT015/015

CONSOLIDATION COAL COMPANY
 P.O. BOX 566
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PLATE VI-5
GENERAL GEOLOGY

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 AUG 03 2007
 DIV. OF OIL, GAS & MINING