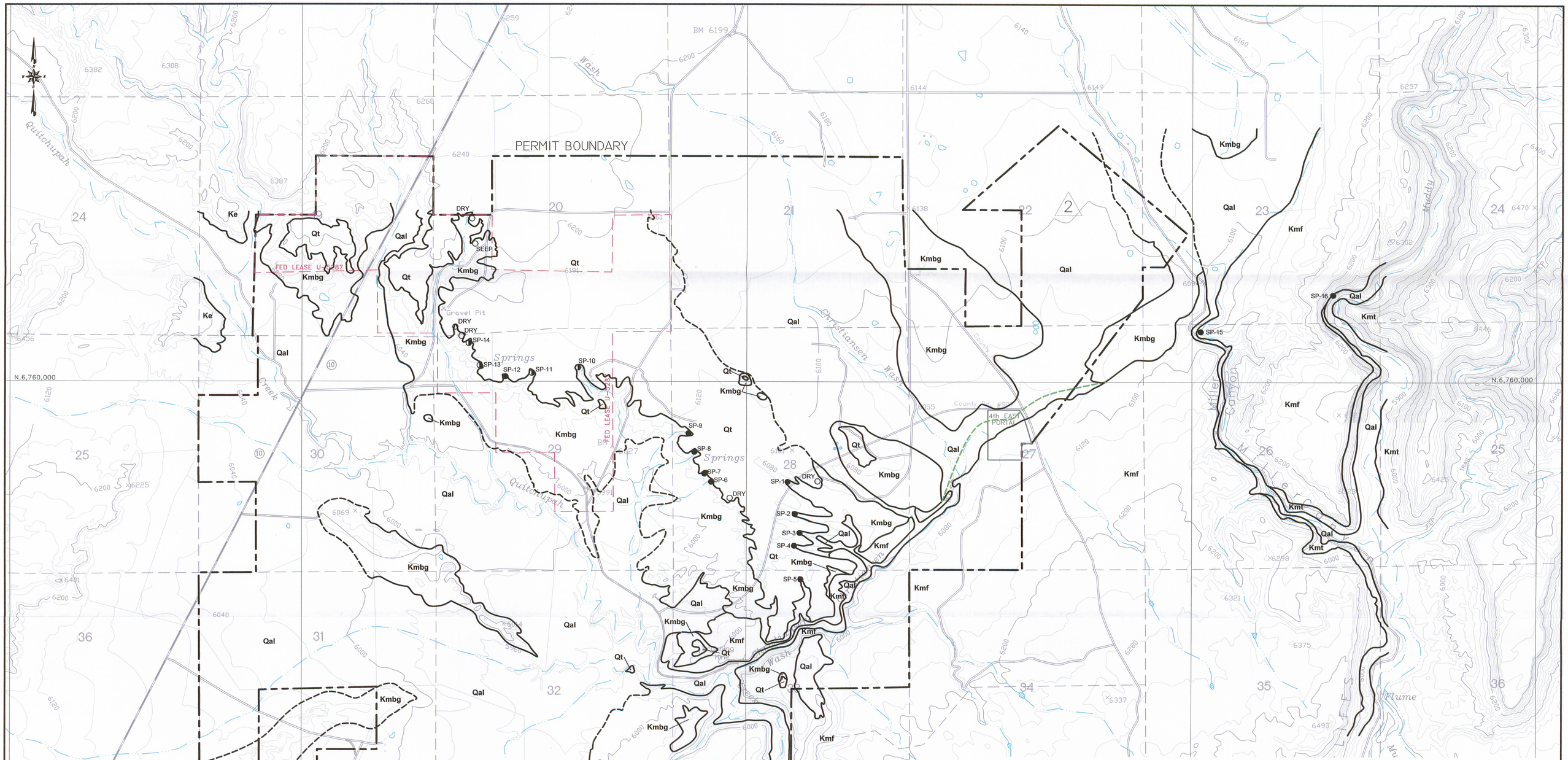


LEGEND

| | | | |
|---|---|---|---|
| ——— | DEFINITE SURFACE CONTACT LOCATION | SP-12 ● | SPRING |
| - - - - - | APPROXIMATE SURFACE CONTACT LOCATION | SP-14 ◑ | SPRINGS (QUARTERLY MONITORED) |
| - · - · - | APPROXIMATE FERRON SANDSTONE ALLUVIAL SUBCROP | DRY ○ | SITE PREVIOUSLY (1977) MAPPED AS A SPRING |

| | |
|---|---|
| Qal | QUATERNARY ALLUVIAL DEPOSITS |
| Qt | QUATERNARY TERRACE DEPOSITS |
| Kmbg | CRETACEOUS MANCOS BLUE GATE SHALE |
| Kmf | CRETACEOUS MANCOS FERRON SANDSTONE |
| Kmt | CRETACEOUS MANCOS TUNUNK SHALE |
| Ke | EMERY SANDSTONE |

RECEIVED
OCT 2 3 2006
DIV. OF OIL, GAS & MINING

FILE IN Expandable 10/19/2006
Refer to Record No. 0038
in C0150015, 2006, Incoming
for additional information

REGISTERED PROFESSIONAL ENGINEER
No. 168246
RICHARD B. WHITE
STATE OF UTAH

EarthFax

BASE MAP:
U.S.G.S. 7.5 MINUTE QUADRANGLES, EMERY WEST 1968, EMERY EAST 1968, PHOTO REVISED 1978, MESA BUTTE 1968, PHOTO REVISED 1978, WALKER FLATE 1968, PHOTO REVISED 1978.

COORDINATE SYSTEM:
STATE PLANE COORDINATES, NAD 83 CONUS, ZONE 4302-UTAH, CENTRAL – US FEET, VERTICAL DATUM – NAVD 88-US FEET

ORIGINAL FIELD SURVEY:
3/80 AND REPORT 12/80 BY STOCKDER-KLEAMMER AND ASSOC.

EXTERNAL REFERENCE:
G:\UC982\03\DWG\XREF-UPDSMAP.DWG
G:\UC982\03\DWG\XREF-PERMBOUND.DWG
G:\UC982\03\DWG\XREF-SECTION.DWG

REVISIONS

| NO. | DATE | BY | DESCRIPTION | NO. | DATE | BY | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 1 | 8/20/01 | TDK | AMENDED PERMIT BOUNDARY TO EXCLUDE EXPIRED STATE LEASE | | | | |
| 2 | 6/30/05 | JAG | ADDED FIRST NORTH I.B.C. | | | | |

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

DRAWN BY: SWF
APPROVED BY: JAG
CHECKED BY: JAG
ORIGINAL DATE: 6/90
RE-DRAWN DATE: 12/05
DWG DATA: G:\UC982\03\DWG\PLATE VI-2.DWG

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

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

PLATE VI-2/VI-2A
GEOLOGY OF THE GENERAL MINE AREA