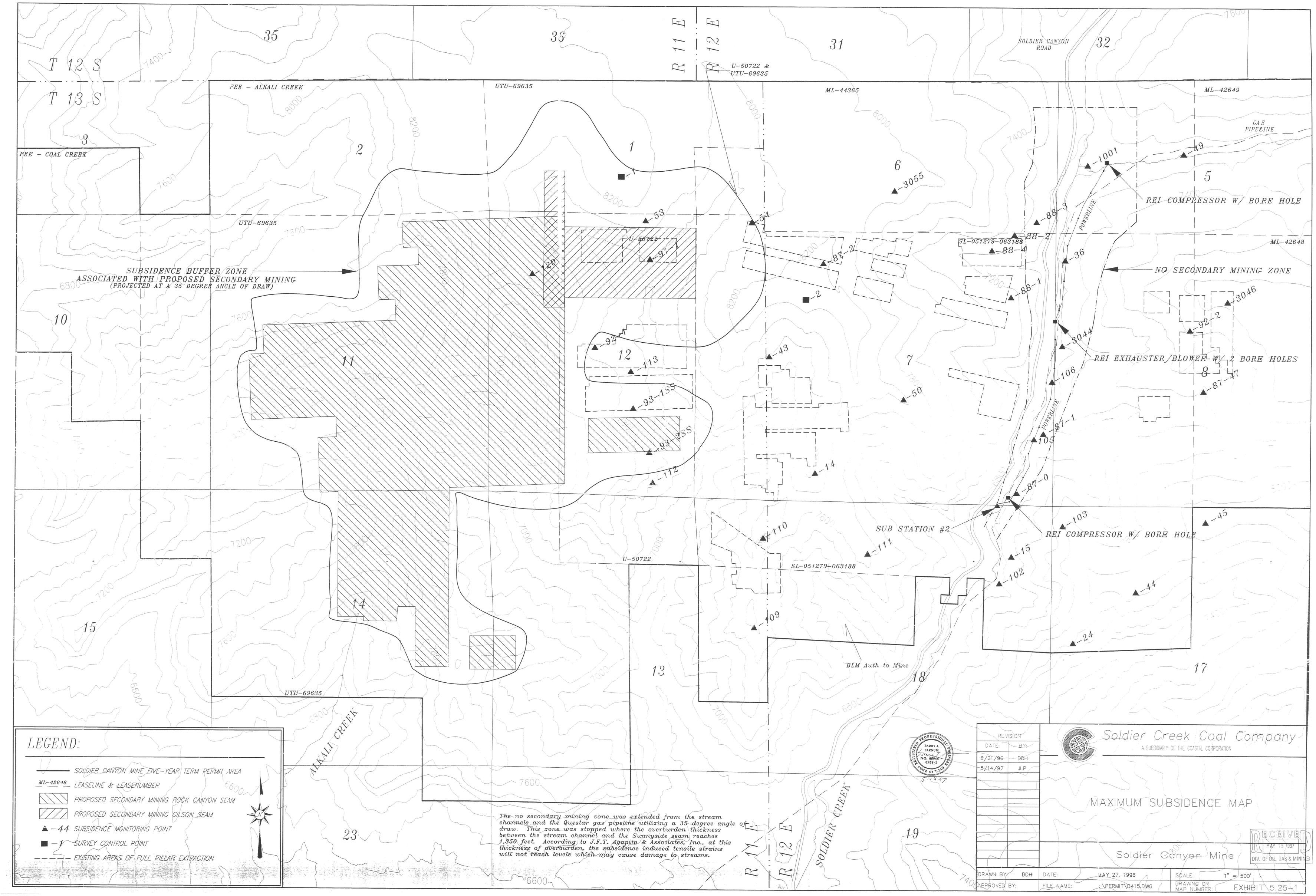
T 12 S
T 13 S
R 11 E
R 12 E
FEE - ALKALI CREEK
FEE - COAL CREEK
UTU-69635
U-50722 &
UTU-69635
ML-44365
ML-42649
ML-42648
SOLDIER CANYON ROAD
GAS PIPELINE
POWERLINE
REI COMPRESSOR W/ BORE HOLE
NO SECONDARY MINING ZONE
REI EXHAUSTER/BLOWER W/ 2 BORE HOLES
SUB STATION #2
SL-051279-063188
U-50722
BLM Auth to Mine
SUBSIDENCE BUFFER ZONE
ASSOCIATED WITH PROPOSED SECONDARY MINING
(PROJECTED AT A 35 DEGREE ANGLE OF DRAW)
ALKALI CREEK
SOLDIER CREEK
LEGEND:
SOLDIER CANYON MINE FIVE-YEAR TERM PERMIT AREA
ML-42648 LEASELINE & LEASENUMBER
PROPOSED SECONDARY MINING ROCK CANYON SEAM
PROPOSED SECONDARY MINING GILSON SEAM
-44 SUBSIDENCE MONITORING POINT
-1 SURVEY CONTROL POINT
EXISTING AREAS OF FULL PILLAR EXTRACTION
The no secondary mining zone was extended from the stream channels and the Questar gas pipeline utilizing a 35 degree angle of draw. This zone was stopped where the overburden thickness between the stream channel and the Sunnyside seam reaches 1,350 feet. According to J.F.T. Agapito & Associates, Inc., at this thickness of overburden, the subsidence induced tensile strains will not reach levels which may cause damage to streams.
REGISTERED PROFESSIONAL ENGINEER
HARRY J. BARNUM
NO. 68646
9958-1
STATE OF UTAH
5-14-97
REVISION
DATE: BY:
8/21/96 DDH
5/14/97 JLP
Soldier Creek Coal Company
A SUBSIDIARY OF THE COASTAL CORPORATION
MAXIMUM SUBSIDENCE MAP
Soldier Canyon Mine
RECEIVED
MAY 15 1997
DIV. OF OIL, GAS & MINING
DRAWN BY: DDH
DATE: MAY 27, 1996
SCALE: 1" = 500'
APPROVED BY:
FILE NAME: :\PERMIT\D415.DWG
DRAWING OR MAP NUMBER: EXHIBIT 5.25-1