MATCH TO MAP 521.121g2

MATCH TO MAP 521.121g2

EXTENT OF SUBSIDENCE
BASED ON 26° ANGLE OF DRAW

HAZARD EVALUATION AREAS
A THROUGH E

TREE COVERED AREAS SHOWN BELOW
SANDSTONE OUTCROPS ONLY

LONGWALL MINING BLOCK

EXTENT OF SUBSIDENCE
BASED ON 26° ANGLE OF DRAW

MATCH TO MAP 521.121f

FCL SL-031286

FCL UTU-64263

FCL UTU-64263
FCL U13097

FCL MODIFICATION
TO UTU-64263

MMU# 027-0

ARCO HOLE
9708.80

PROFESSIONAL SURVEYORS CERTIFICATE

I, BEING A REGISTERED PROFESSIONAL SURVEYOR, DO HEREBY CERTIFY THAT THE ABOVE HAS BEEN REVIEWED BY ME AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND INFORMATION.

DATE: 8/6/93
BENJAMIN A. GRIMES R.L.S. NO. 6908

SURFACE LEGEND:

- SURFACE CONTOUR
- SURFACE ELEVATION
- PRIMARY ROAD
- SECONDARY ROAD
- SECTION CORNER (LOCATED)
- SECTION CORNER
- SURFACE FACILITIES
- FENCE
- POWERLINE
- DRILL HOLE
- VERTICAL CONTROL
- HORIZONTAL CONTROL
- TRAVERSE STATION
- FOREST SERVICE TRAIL
- STREAM
- SPRING
- POND, OR LAKE
- SECTION LINE
- 1/4 SECTION LINE
- 1/16 SECTION LINE
- SANDSTONE OUTCROP
- PERMIT BOUNDARY
- COAL LEASE LINES
- SUBSIDENCE MONITORING POINTS
- FUTURE SUBSIDENCE MONITORING POINTS

UNDERGROUND LEGEND:

- INTAKE AIR
- PRIMARY ESCAPEWAY
- RETURN AIR
- SECONDARY ESCAPEWAY
- BLEEDER
- STOPPINGS
- MANDOOR
- EQUIP. DOOR
- AIR LOCK
- REGULATOR
- SEAL & PROPOSED SEAL
- OVERCAST
- STEEL SETS
- ROCK TUNNEL
- ROCK INTRUSION (Dike, Spar, etc.)
- ROOF FALL
- ROOF FALL (Cleaned Up)
- BAD TOP
- FAULT
- FAULT (Inferred)
- OUTCROP (Actual)
- OUTCROP (Inferred)
- FIRST AID STATION
- FIRE STATION
- PILLARED AREA
- BURNED COAL
- SURVEY STATION
- PROGRESS DATE
- SHAFT
- BELTLINE
- PROPOSED VENTILATION STRUCTURES
- GOB
- POOLED WATER
- CHECK CURTAIN
- CO MONITOR

COLOR CODE

MAP UPDATES

DATE	NAME	DATE	NAME
JAN. 1, 1984	ETS		
Oct. 1, 1993	KP		
Sept. 1, 1993	KP		
June 1, 1993	KP		
SEPT. 1993	BG		
Nov. 1995	BG		
FEB. 1994	BG		
MAR. 1995	JP		
MAY 1996	JP		

THIS MAP HAS BEEN UPDATED UNDER MY SUPERVISION.

CYPRUS
PLATEAU MINING COMPANY
P.O. DRAW. PMC · PRICE, UTAH
Phone: 801 637-2875 ··· Zip: 84501

TITLE: SUBSIDENCE MONITORING PLAN

DRAWN BY: SAND DESIGN & GRAPHICS DATE: MAY, 1993
CHECKED BY: DATE: 2-28-92
APPROVED:
APPROVED:
SCALE: 1"=400'
DRAWING NO. MAP 521.121g1

ETS: 8/18/93