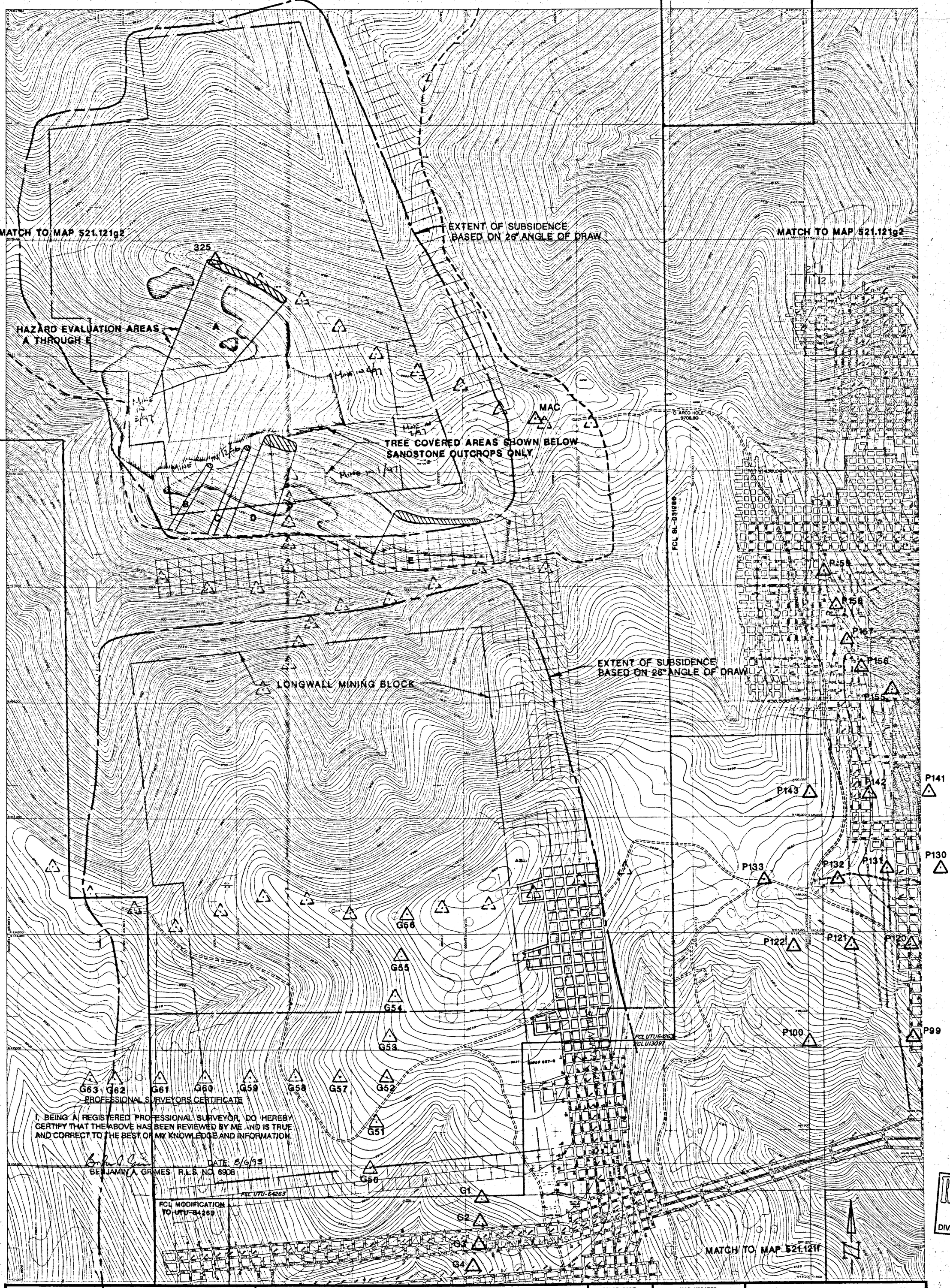

PROFESSIONAL SURVEYORS CERTIFICATE

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

RECEIVED MAY 18 1995 DIV. OF OIL, GAS & MINING

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, Sill, 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 VENTILATOR STRUCTURES
- GOB
- POOLED WATER
- CHECK CURTAIN
- CO MONITOR

COLOR CODE

MAP UPDATES

DATE	NAME	DATE	NAME
JAN. 1, 1984	ETS		
Jan 1, 1993	KP		
Feb 1, 1993	KP		
Mar 1, 1993	KP		
SEPT 1993	BG		
Nov 1993	BG		
FEB 1994	BG		
MAR 1995	TP		

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