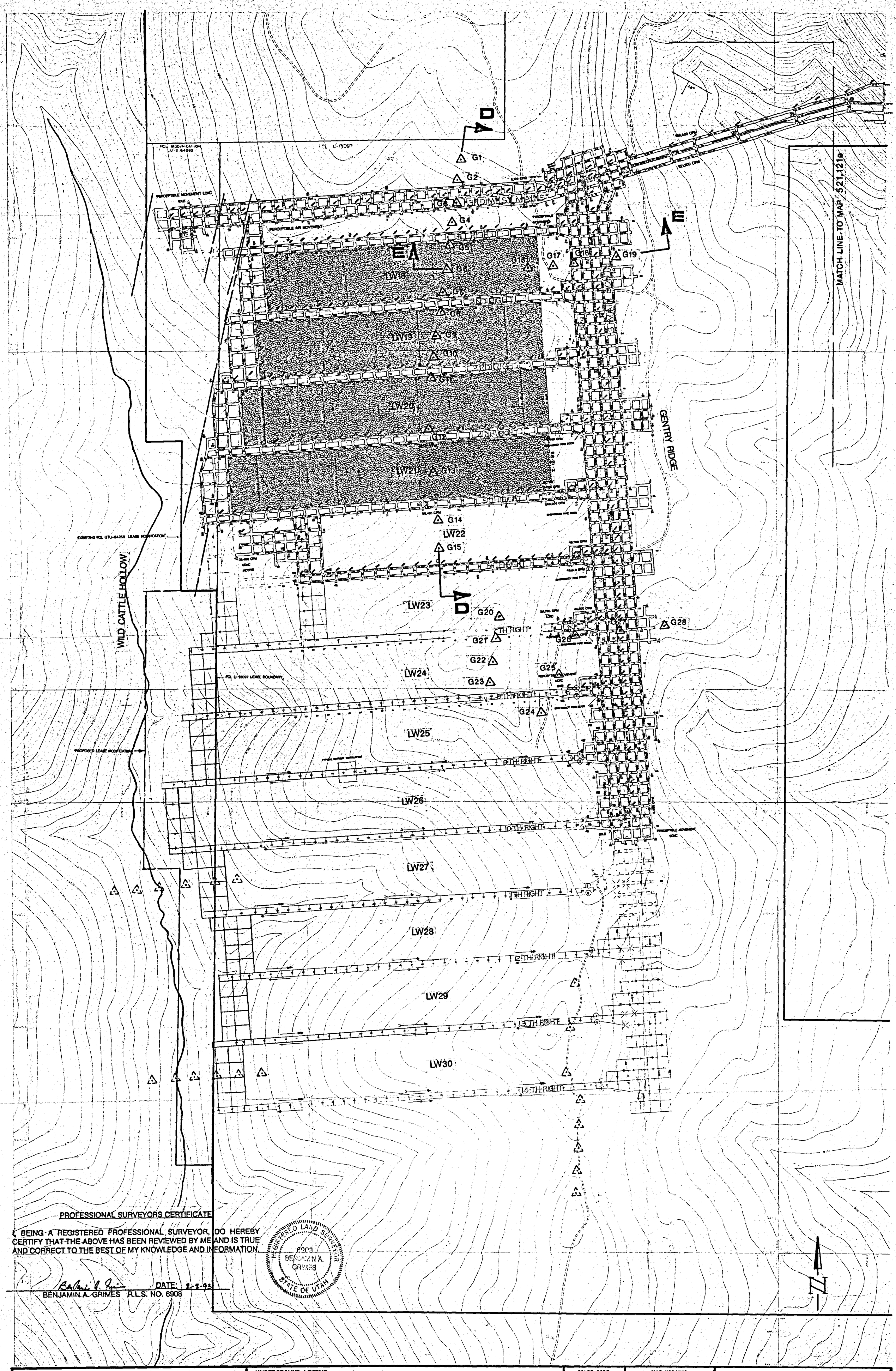

PROFESSIONAL SURVEYORS CERTIFICATE

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.

REGISTERED LAND SURVEYOR 6908 BENJAMIN A. GRIMES STATE OF UTAH

DATE: 2-2-93

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
- PERMIT BOUNDARY
- PROPOSED MINING
- MINED AREA
- SUBSIDENCE CONTOURS
- SUBSIDENCE MONITORING POINTS
- EXTRACTED AREAS
- SURFACE CRACKS
- FUTURE SUBSIDENCE MONITORING POINTS
- FAULTS

UNDERGROUND LEGEND:

- INTAKE AIR
- PRIMARY ESCAPEWAY
- RETURN AIR
- SECONDARY ESCAPEWAY
- BLEEDER
- STOPPINGS
- MANDOOR
- EQUIP. DOOR
- AIR LOCK
- REGULATOR
- SEAL
- OVERCAST
- STEEL SETS
- ROCK TUNNEL
- ROCK INTRUSION (Dike, Spur, 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
- CHECK CURTAIN
- PROPOSED VENT. STRUCTURE
- CO MONITOR
- CH4 MONITOR

COLOR CODE

MAP UPDATES

DATE	NAME	DATE	NAME
[illegible]	[illegible]	[illegible]	KP
[illegible]	[illegible]	2-2-93	BG
[illegible]	[illegible]		
[illegible]	[illegible]		
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[illegible]	[illegible]		
[illegible]	[illegible]		

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, 1983
CHECKED BY: — DATE: JAN 1993
APPROVED:
APPROVED:

SCALE: 1"=400' — DRAWING NO. 521.121f

M.S.H.A. I.D. No. 42-00111

61C