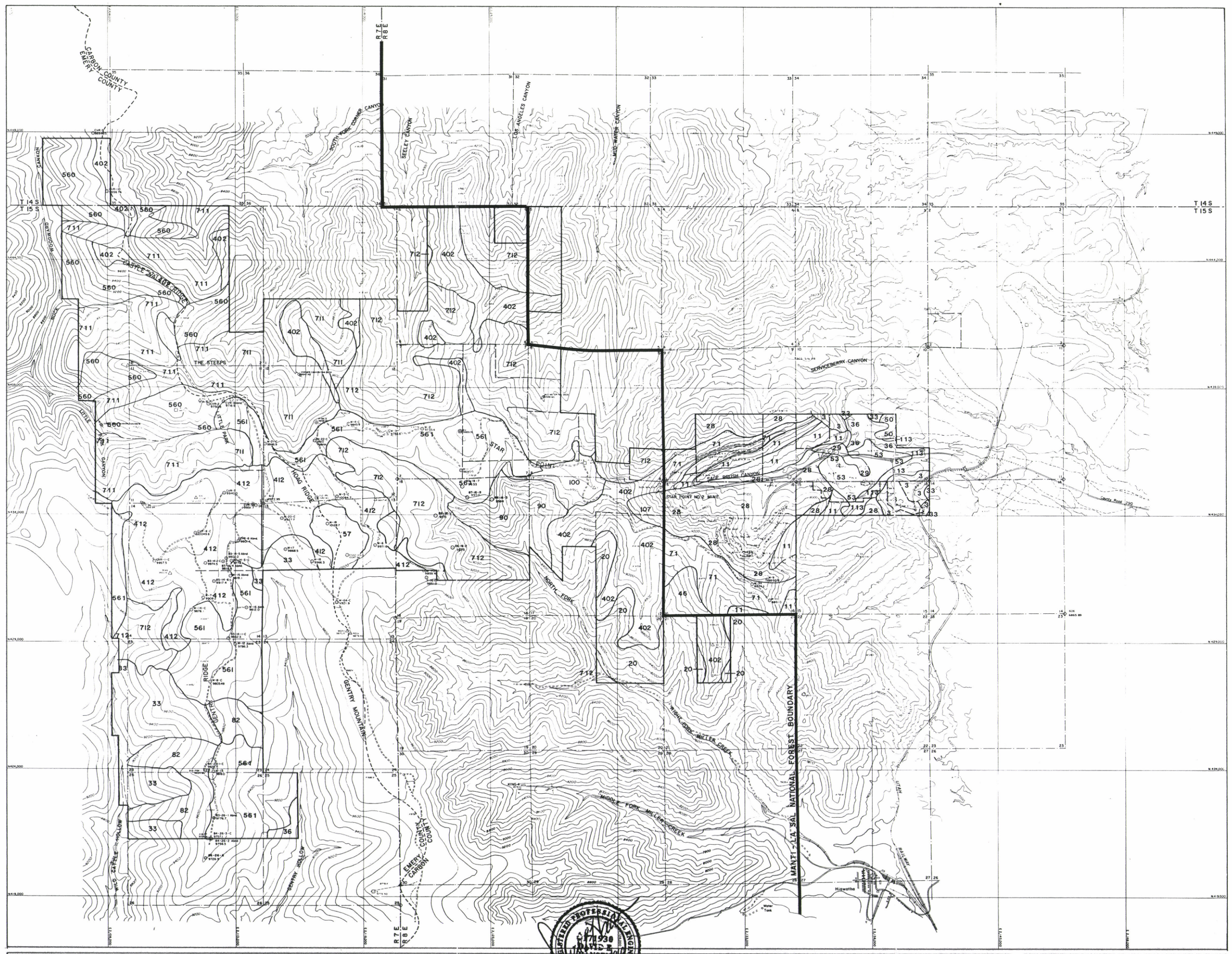
INCORPORATED
EFFECTIVE:
MAY 27 1998 aac
UTAH DIVISION OIL, GAS AND MINING



BASE MAP LEGEND

PRIMARY ROAD
SECONDARY ROAD
TRAIL
BRIDGE, CULVERT
BUILDING
BUILDINGS, STRUCTURES
LAKE, POND
RIVER, STREAM, CHANNEL
FENCE
CONTOURS

TRAVERSE STATION
HORIZONTAL CONTROL
VERTICAL CONTROL
FAN
DRILL HOLE (X=CORED)
SPOT ELEVATION
WATER SPOT
SECTION CORNER
SECTION CORNER (SCALE)
SIGNAP

MINE PORTAL
DOWNSPOUT
CATCH BASIN
LIGHT POLE
POWER POLE
TOWNSHIP LINE
SECTION LINE
PROPERTY LINE
PERMIT BOUX

Olympus
(801) 484-4351
AERIAL SURVEYS INC.
50 West 2900 South Salt Lake City, Utah 84115

EXPLANATION
SOIL MAPPING UNITS
SOIL SURVEY SITE

S.L.B.&M.
NORTH
DATE OF PHOTOGRAPHY: SEPTEMBER 30, 1980
1000 500 0 1000
SCALE IN FEET

DESIGNED K.C.	DRAFTED JGS	CHECKED
DATE 8/86		DATE OF BASE 3-1-86

REV.	DATE	DESCRIPTION	APPR.
1	12/86	New Lands Additions & Soil Survey Sites	
2	1/86	New Lands Additions & Permit Boundary	
3	1/91	Added CVR Area Data	
4			
5			
6			

PERMIT AREA SOILS MAP

PLATEAU MINING COMPANY
P.O. DRAWER PMC · PRICE, UTAH 84501
PHONE 801 637-2875

SHEET NO.
MAP 222.100a

I, BEING A REGISTERED PROFESSIONAL ENGINEER DO HEREBY CERTIFY THAT THE ABOVE HAS BEEN REVIEWED BY ME, AND IS TRUE AND CORRECT REPRESENTATION OF

MATCH SHEET 3

42. Loamy - Skeletal, Mixed; Aquic Eryoboralls
300. Loamy - Skeletal, Mixed (Monacid); Typic Eryorthents
560. Fine - Loamy, Mixed; Argic Pachic Cryoboralls
711. Loamy - Skeletal, Mixed; Typic Pale Boralfs
* Soil Sample Location

Disturbed Area (0.44ac)

1. LOAMY, MIXED, TYPIC CRYOBOROLL
2. FINE-SILTY, MIXED, ARGIC PACHIC CRYOBOROLL
3. ROCK OUT-CROP (SAND STONE)
x SOIL PIT QUANTITY
o SOIL PIT QUALITY

LITTLE PARK CANYON FAN SITE

MATCH SHEET 4

MATCH SHEET 9

INCORPORATED
EFFECTIVE
MAY 27 1995

UTAH DIVISION OF OIL, GAS AND MINING

PROFESSIONAL ENGINEERS CERTIFICATION

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

DANIEL THOMAS HURST — DATE: 4/1/87 — P.E. NO. 5362

LEGEND

- PRIMARY ROAD
- SECONDARY ROAD
- TRAIL
- BRIDGE, CULVERT
- RAILROAD
- BUILDINGS, STRUCTURES
- LAKE, POND
- RIVER, STREAM
- FENCE
- CONTOURS
- TREE LINES
- TRAVERSE STATION
- HORIZONTAL CONTROL
- VERTICAL CONTROL
- PHOTO CENTER
- DRILL HOLE
- SPOT ELEVATION
- WATER SPOT
- NEW LOCAL COORDINATE GRID TICK
- SECTION CORNER
- SWAMP
- PERMIT BOUNDARY

PREPARED BY
KUCERA & ASSOCIATES, INC.
Photogrammetric Consultants
Monsor, Ohio — Denver, Col.
Lakeland, Fla. — Atlanta, Ga.

SHEET INDEX

3	2	1
4	5	6
9	8	7
10	11	12

NORTH

DATE OF PHOTOGRAPHY: NOVEMBER 21-22, 1976

DESIGNED BG	DRAFTED JGB	CHECKED
SCALE 1": 400'	DATE 8/86	

REV.	DATE	DESCRIPTION	APPR.
1	11/86	Revised Permit Boundary	
2			
3			
4			
5			
6			

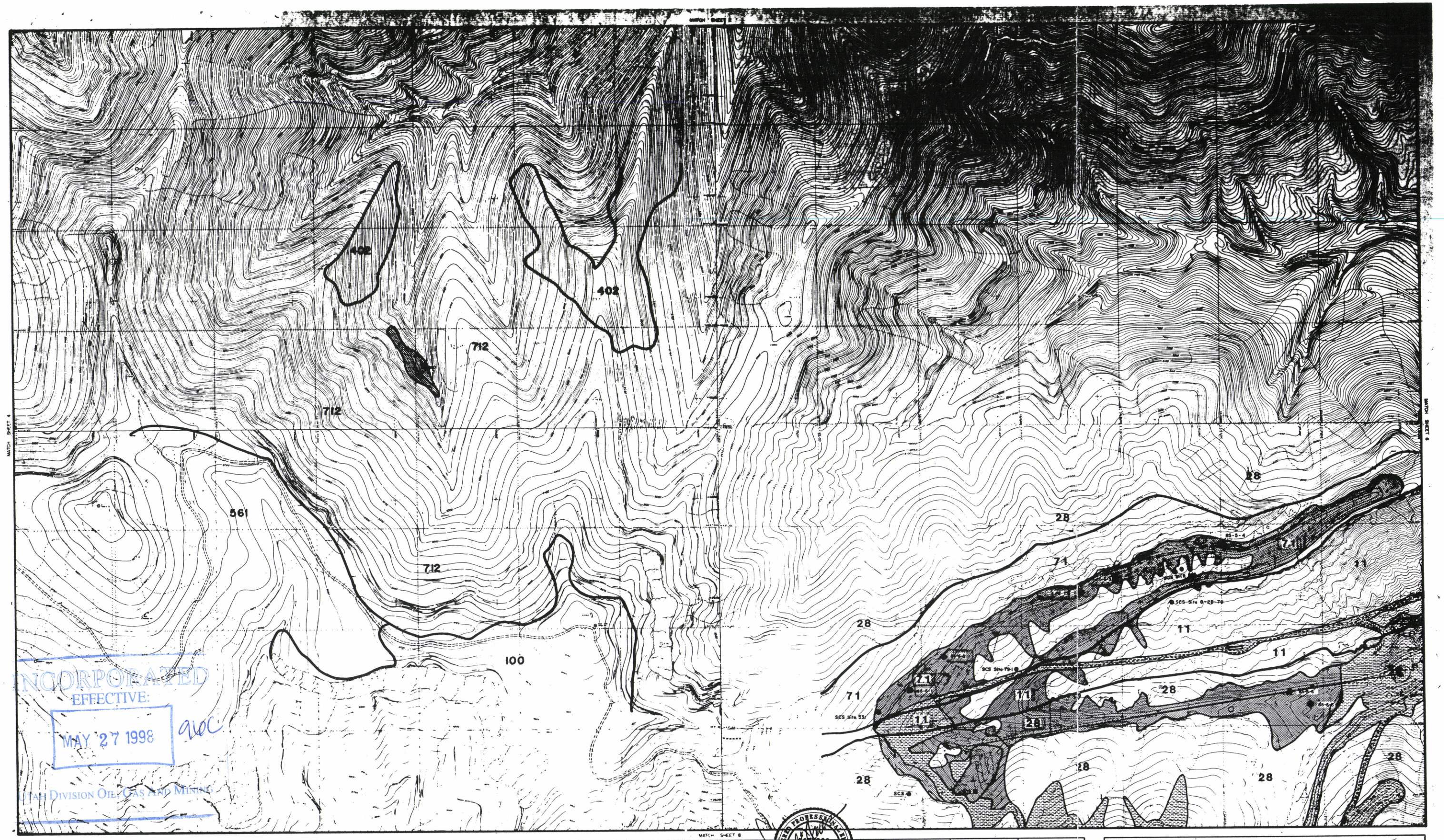
CORNER CANYON-LITTLE PARK CANYON FAN SITES SOILS MAP

PLATEAU MINING CO.

P.O. BOX PMC PRICE, UTAH 84501 PHONE 801 637-2875

SHEET NO. 4

MAP 222.100b



INCORPORATED
EFFECTIVE:
MAY 27 1998
gvc
UTAH DIVISION OIL, GAS AND MINING

LEGEND

PRIMARY ROAD
SECONDARY ROAD
TRAIL
BRIDGE, CULVERT
RAILROAD
BUILDINGS, STRUCTURES
LAKE, POND
RIVER, STREAM
FENCE
CONTOURS
TREE LINES

TRAVERSE STATION
HORIZONTAL CONTROL
VERTICAL CONTROL
PHOTO CENTER
DRILL HOLE
SPOT ELEVATION
WATER SPOT
NEW LOCAL COORDINATE GRID TICK
SECTION CORNER
SWAMP

MINE PORTAL
DOWNSPOUT
CATCH BASIN
LIGHT POLE
POWER POLE
PERMIT BOUNDARY
SOIL SURVEY SITE

CURRENT EXTENT OF DISTURBANCE
DISTURBED PRIOR TO 3 AUG. 1977

Olympus AERIAL SURVEYS INC.
(801) 484-4351
50 West 2950 South Salt Lake City, Utah 84115

SHEET INDEX

NORTH

DATE OF PHOTOGRAPHY: SEPTEMBER 1984

REGISTERED PROFESSIONAL ENGINEER
171930
DAVID K. HANSEN
STATE OF UTAH

I, BEING A REGISTERED PROFESSIONAL ENGINEER DO HEREBY CERTIFY THAT THE ABOVE HAS BEEN REVIEWED BY ME, AND IS TRUE AND CORRECT REPRESENTATION OF DATA PROVIDED BY CPMC.

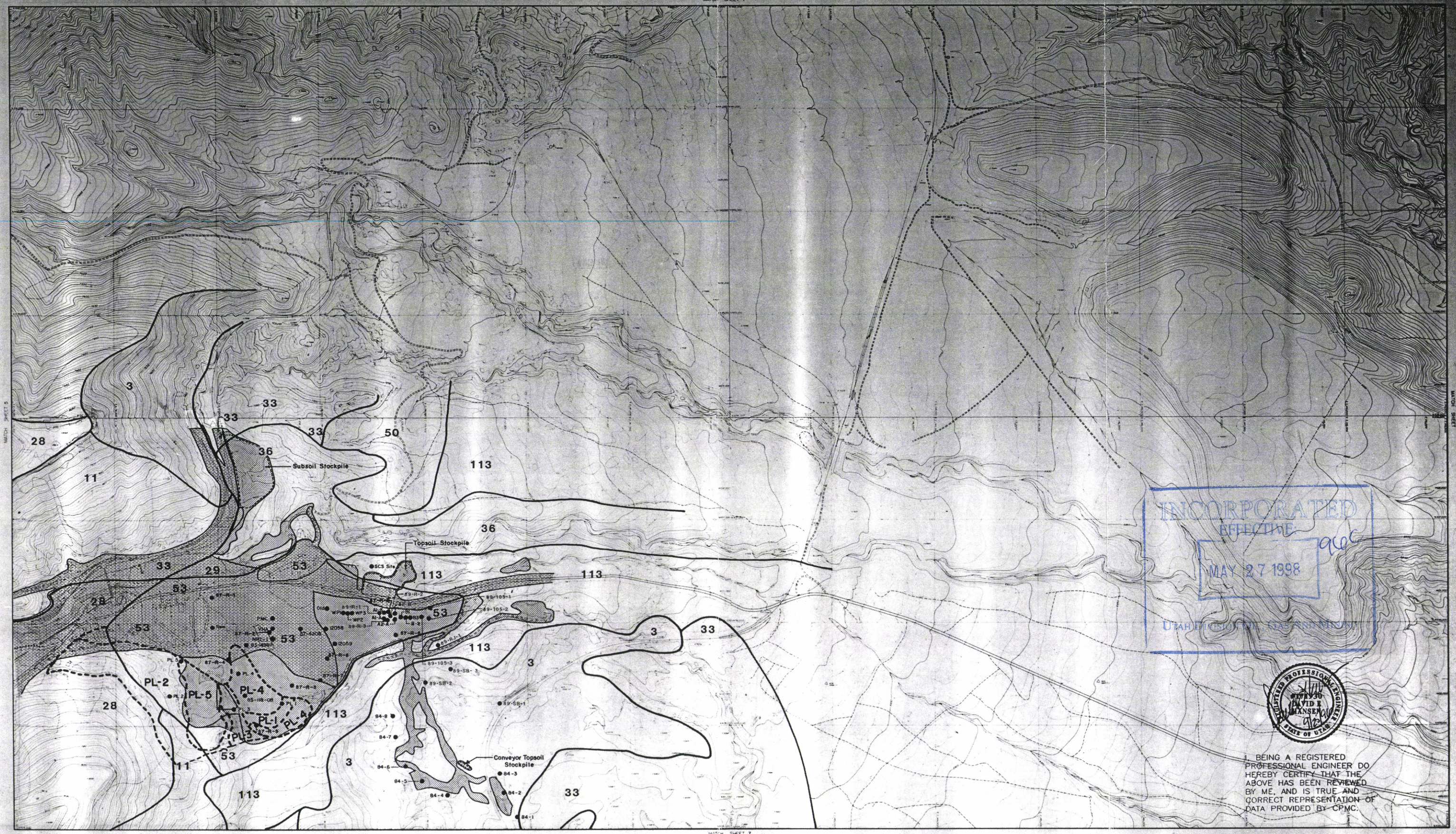
DESIGNED KAC	DRAFTED JGB	CHECKED
SCALE 1"=400'	DATE 8/86	

REV.	DATE	DESCRIPTION	APP'L
1	11/86	Revised Permit Boundary	
2	2/87	Soil Survey Sites	
3			
4			
5			
6			

DISTURBED AREA SOILS MAP

PLATEAU MINING COMPANY
P.O. DRAWER PMC · PRICE, UTAH 84501
PHONE 801 637-2875

SHEET NO. 5
MAP 222.100c



INCORPORATED
EFFECTIVE
MAY 27 1998
UTAH DIVISION OF OIL, GAS AND MINING

REGISTERED PROFESSIONAL ENGINEER
#177930
DAVID E. HANSEN
STATE OF UTAH

I, BEING A REGISTERED PROFESSIONAL ENGINEER DO HEREBY CERTIFY THAT THE ABOVE HAS BEEN REVIEWED BY ME, AND IS TRUE AND CORRECT REPRESENTATION OF DATA PROVIDED BY CPMC.

LEGEND

- PRIMARY ROAD
- SECONDARY ROAD
- TRAIL
- BRIDGE, CULVERT
- RAILROAD
- BUILDINGS, STRUCTURES
- LAKE, POND
- RIVER, STREAM
- FENCE
- CONTOURS (600, 650)
- TREE LINES
- TRAVERSE STATION
- HORIZONTAL CONTROL
- VERTICAL CONTROL
- PHOTO CENTER
- DRILL HOLE
- SPOT ELEVATION
- WATER SPOT
- NEW LOCAL COORDINATE GRID TICK
- SECTION CORNER
- SWAMP
- MINE PORTAL
- DOWNSPOUT
- CATCH BASIN
- LIGHT POLE
- POWER POLE
- DISTURBANCE PRIOR TO 3 Aug 1977
- CURRENT EXTENT OF DISTURBANCE
- SOIL & REFUSE SAMPLE SITES
- 89-R-1 SELENIUM SAMPLE SITE

Olympus AERIAL SURVEYS INC.
(801) 484-4351
50 West 2950 South Salt Lake City, Utah 84115

SHEET INDEX

NORTH

DATE OF PHOTOGRAPHY: SEPTEMBER 30, 1981

NOTE: SEE EXHIBIT 19, SOILS INFORMATION FOR MAPPING UNIT DESCRIPTION

DESIGNED KAC	DRAFTED JGB	CHECKED
SCALE 1" = 400'	DATE 8/86	

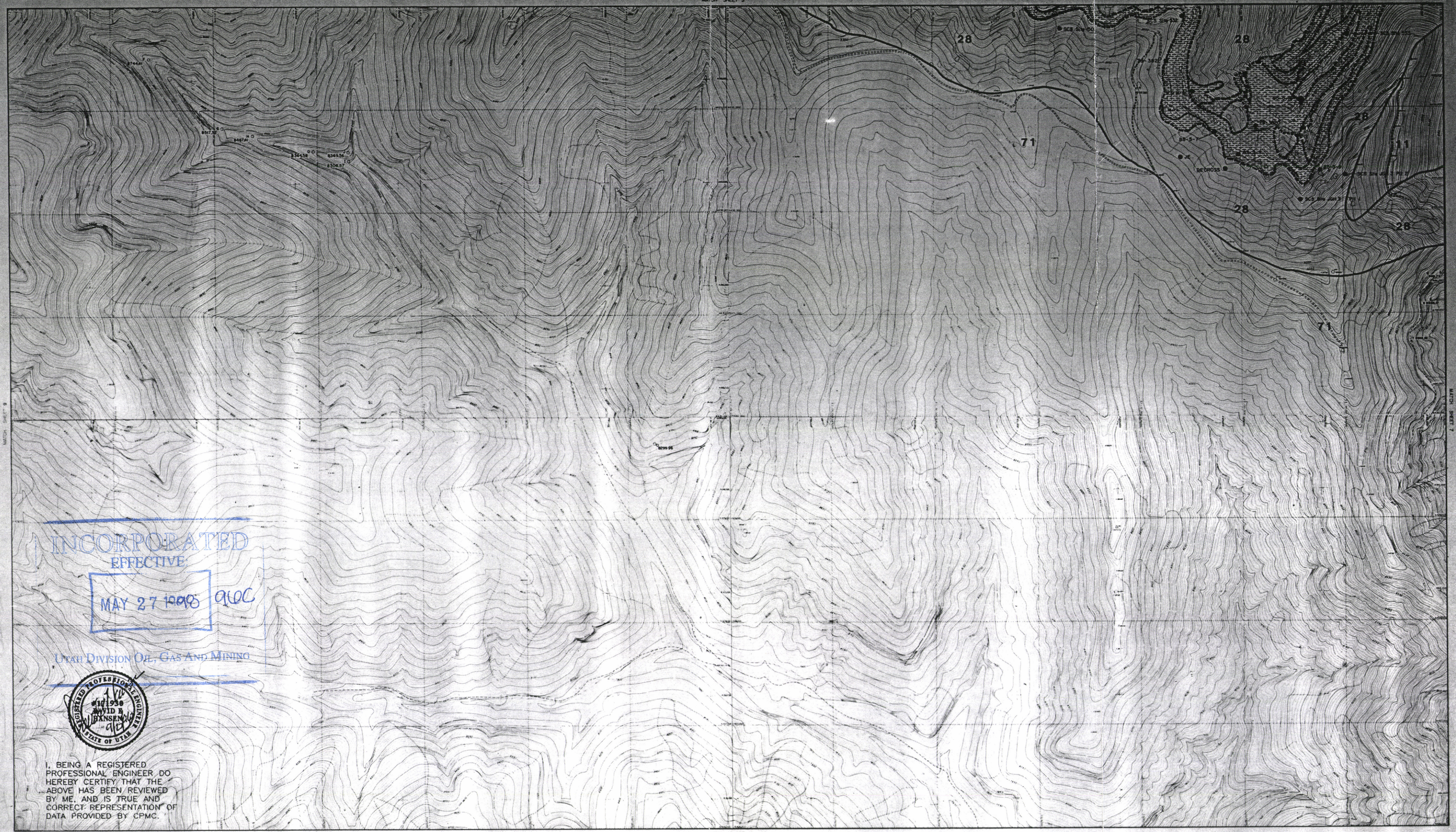
REV.	DATE	DESCRIPTION	APPR.
1	11/86	Revised Permit Boundary	
2	2/87	Additional Soils Info.	
3	7/88	Added Refuse Sample Locations	
4			
5			
6			

DISTURBED AREA SOILS MAP

PLATEAU MINING COMPANY
P.O. DRAWER PMC · PRICE, UTAH 84501
PHONE 801 637-2875

SHEET NO. 6
MAP 222.100d

39



I, BEING A REGISTERED PROFESSIONAL ENGINEER DO HEREBY CERTIFY THAT THE ABOVE HAS BEEN REVIEWED BY ME, AND IS TRUE AND CORRECT REPRESENTATION OF DATA PROVIDED BY CPMC.

LEGEND

- PRIMARY ROAD
- SECONDARY ROAD
- TRAIL
- BRIDGE, CULVERT
- RAILROAD
- BUILDINGS, STRUCTURES
- LAKE, POND
- RIVER, STREAM
- FENCE
- CONTOURS
- TREE LINES
- TRAVERSE STATION
- HORIZONTAL CONTROL
- VERTICAL CONTROL
- PHOTO CENTER
- DRILL HOLE
- SPOT ELEVATION
- WATER SPOT
- NEW LOCAL COORDINATE GRID TICK
- SECTION CORNER
- SWAMP
- MINE PORTAL
- DOWNSPOUT
- CATCH BASIN
- LIGHT POLE
- POWER POLE
- PERMIT BOUNDARY
- SOIL SAMPLE SITE

EXTENT OF SOILS DISTURBED. (All Disturbance Occurred Prior To 3 August 1977)

Olympus AERIAL SURVEYS INC.
(801) 484-4351
50 WEST 2950 SOUTH Salt Lake City, Utah 84115

SHEET INDEX

NORTH

DATE OF PHOTOGRAPHY: SEPTEMBER 30, 1981

NOTE: SEE EXHIBIT 222.100e, SOIL INFORMATION FOR MAPPING UNIT DESCRIPTIONS.

DESIGNED BG	DRAFTED JGB	CHECKED
SCALE 1" = 400'	DATE 8/86	

REV.	DATE	DESCRIPTION	APPR.
1	11/86	Revised Permit Boundary	
2	2/87	Soil Sample Site	
3			
4			
5			
6			

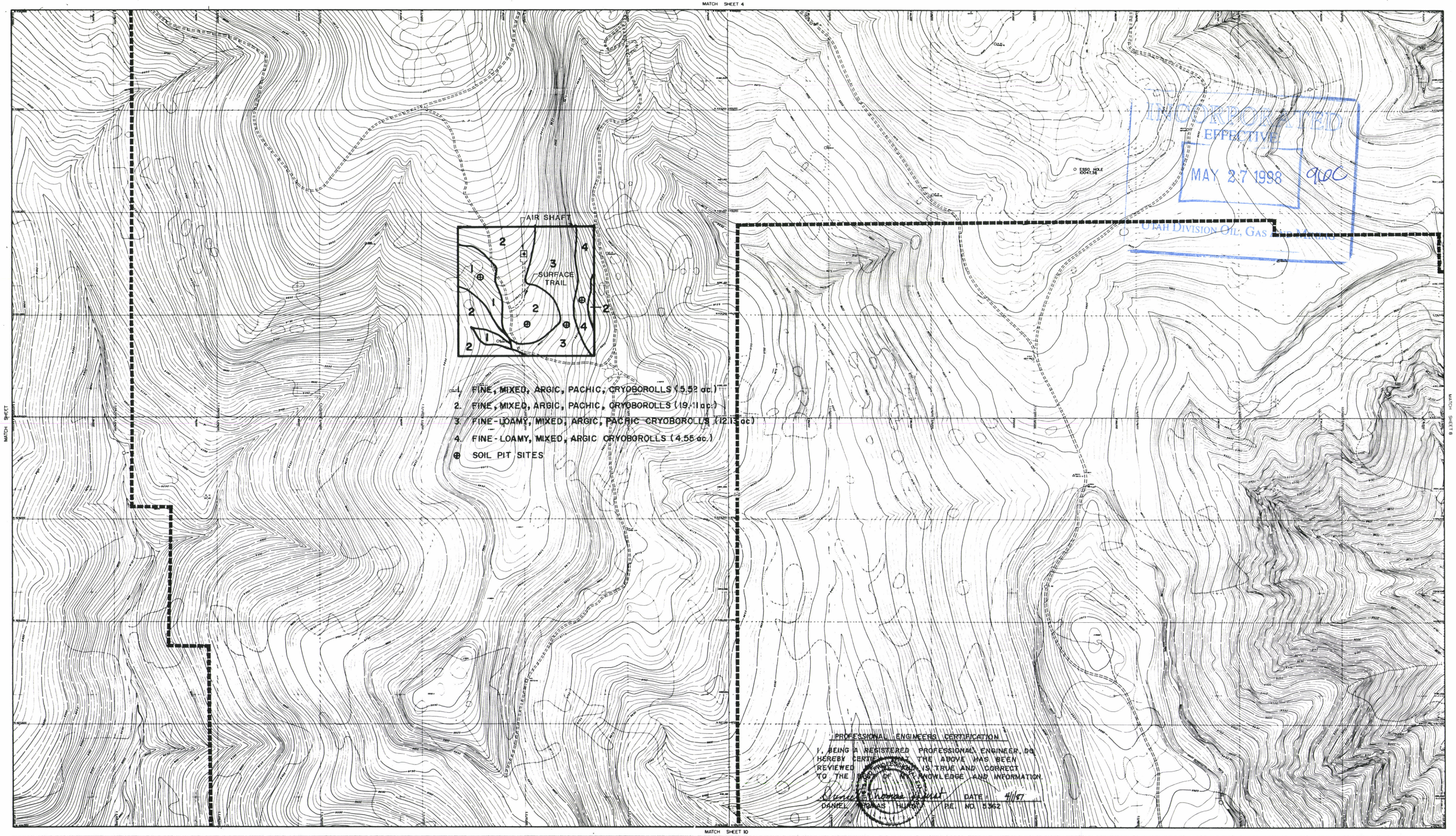
DISTURBED AREA SOILS MAP

PLATEAU MINING COMPANY
P.O. DRAWER PMC · PRICE, UTAH 84501
PHONE 801 637-2875 BASC SHB

SHEET NO. 8

MAP 222.100e

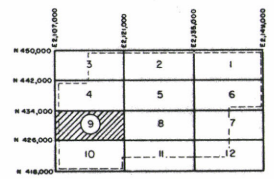
39



LEGEND

- PRIMARY ROAD
- TEMPORARY ROAD
- TRAIL
- BRIDGE, CULVERT
- RAILROAD
- BUILDINGS, STRUCTURES
- LAKE, POND
- RIVER, STREAM
- FENCE
- CONTOURS (600, 650)
- TREE LINES
- TRAVERSE STATION
- HORIZONTAL CONTROL
- VERTICAL CONTROL
- PHOTO CENTER
- DRILL HOLE
- SPOT ELEVATION (X 123)
- WATER SPOT (W.S. 123)
- NEW LOCAL COORDINATE GRID TICK
- SECTION CORNER (13 14 / 22 23)
- SWAMP
- PERMIT BOUNDARY

PREPARED BY
KUCERA & ASSOCIATES, INC.
Photogrammetric Consultants
Mentor, Ohio
Lakeland, Fla. Denver, Col.
Atlanta, Ga.



SHEET INDEX

DATE OF PHOTOGRAPHY: NOVEMBER 21-22, 1976

DESIGNED BG	DRAFTED JGB	CHECKED
SCALE 1": 400'	DATE 8/86	

REV.	DATE	DESCRIPTION	APPR.
1	11/86	Revised Permit Boundary	
2	9/92	Revised Airshaft & Surface Trail	
3			
4			
5			
6			

GENTRY MOUNTAIN AIR SHAFT SOILS MAP

PLATEAU MINING CO.

P.O. BOX PMC PRICE, UTAH 84501 PHONE 801 637-2875

SHEET NO. 9

MAP 222.100f