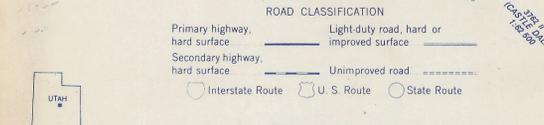
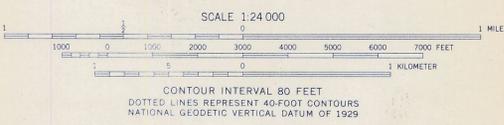
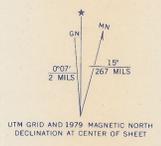


Mapped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA, and U.S. Forest Service
Topography by photogrammetric methods from aerial photographs
taken 1970. Field checked 1974. Map edited 1979
Projection and 10,000-foot grid ticks: Utah
coordinate system, central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid, zone 12
1927 North American datum
Fine red dashed lines indicate selected fence lines
There may be private inholdings within the boundaries of the
National or State reservations shown on this map



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

MAHOGANY POINT, UTAH
SW4 HIAWATHA 15' QUADRANGLE
N3915-W11107.5/7.5
1979
DMA 3782 1 SW-SERIES V897

EXPLANATION

- T-1 ○ SPRINGS WITH STATION NUMBERS
- D ○ DEVELOPED SPRINGS (WITH STOCK WATERING TROUGH)
- SPRINGS THAT ARE CURRENTLY BEING MONITORED FOR BASELINE DATA (USING DOGM 1986 REVISED WATER QUALITY MONITORING GUIDELINES) SEE APPENDIX 7-D(3) TRACT 2 MRP
- op ○ SPRINGS THAT ARE CURRENTLY BEING MONITORED FOR OPERATIONAL PHASE DATA (USING DOGM 1986 REVISED WATER MONITORING GUIDELINES) SEE APPENDIX 7-D(5) TRACT 2 MRP
- 35-IP ○ POND RUNOFF FFD
- POND - SPRING FED - CONSIDERED DEVELOPED BY THE USFS
- IN-MINE GROUND WATER MONITORING LOCATION WITH STATION NUMBER (UG-I)
- ▶ NPDES DISCHARGE LOCATIONS WITH STATION NUMBERS
LOCATION 001 IS A DISCHARGE LOCATION FROM A SEDIMENTATION POND
LOCATION 002 IS AN IN-MINE DISCHARGE LOCATION AND IS METERED FOR FLOW (NOT IN SERVICE)
- SURFACE WATER MONITORING LOCATION (COTTONWOOD CREEK) WITH STATION NUMBERS SW-1, SW-2, SW-3
- b ○ LOCATION THAT IS CURRENTLY BEING MONITORED FOR BASELINE DATA (USING DOGM 1986 REVISED WATER QUALITY MONITORING GUIDELINES) SEE APPENDIX 7-D(3) TRACT 2 MRP
- op ○ LOCATION THAT IS CURRENTLY BEING MONITORED FOR OPERATIONAL PHASE DATA (USING DOGM 1986 REVISED WATER QUALITY MONITORING GUIDELINES) SEE APPENDIX 7-D(5) TRACT 2 MRP
- MONITORING WELL WITH STATION NUMBERS TM-1, TM-2
- TRACT 1 PERMIT AREA (PERMIT NUMBER ACT/015/009)
- TRACT 2 PERMIT AREA (LEASE NUMBER U - 49332)
- THE PROJECT MAXIMUM AREA OF SUBSIDENCE AT THE SURFACE - THIS PROJECTION CONFORMS WITH THE ANGLE-OF-DRAW VALUES FOUND IN CHAPTER 12 OF TRAIL MOUNTAIN COAL CO. TRACT 2 MRP
- TM-3* ○ TM-3* IS A PROPOSED IN-MINE MONITORING WELL AND WILL BE DRILLED AFTER AREA IS MINED

**TRAIL MOUNTAIN COAL CO.
WATER MONITORING LOCATIONS
AND DISCHARGE LOCATIONS**

REVISION	DATE	BY	GEOLOGY BY
2/86	APC	ENGINEERING	BY APC
1/86	APC	SURVEYED	BY APC
1/87	APC	PREPARED	BY APC
3/87	APC	APPROVED	BY APC
8/87	APC		

3/25

SCALE 0 2000	SHEET _____ OF _____ DWG. NO.
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