UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

KNOWLES CANYON QUADRANGLE
UTAH
7.5 MINUTE SERIES (TOPOGRAPHIC)

Warm Springs Creek
Warm Springs Canyon
Tapestry Wall
MANCOS 4385
LAKE COLORADO GLEN CANYON POWELL RIVER
GARFIELD CO
SAN JUAN CO
WL 3700
Cedar Canyon Trail
Knowles Canyon
Forgotten Canyon
Lone Pine Canyon
Lone Pine Spring
Crystal Springs Canyon
North Gulch
GLEN CANYON NATIONAL RECREATION AREA
U149 4364
U153 4777
U145 4455
U148 4347
U146 4583
U141 4186
Z-180
Z-178
Z-214
Z-215
Z-216
Z-244
Z-245
Z-243
T36S
T37S
R15E
R16E
R17E

PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY . . . . . USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1981
FIELD CHECKED . . . . . 1982 MAP EDITED 1987
PROJECTION . . . . . LAMBERT CONFORMAL CONIC
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR . . . . . ZONE 12
10,000-FOOT STATE GRID TICKS . . . . . UTAH, SOUTH ZONE
UTM GRID DECLINATION . . . . . 0°16' EAST
1987 MAGNETIC NORTH DECLINATION . . . . . 13° EAST
VERTICAL DATUM . . . . . NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM . . . . . 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (5 meters north and 62 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
Where omitted, land lines have not been established
All marginal data and lettering generated and positioned by automated type placement procedures

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of photography. 1

NORTH

SCALE 1:24 000
1 0 1 MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10 000 FEET
1 .5 0 1 2 KILOMETERS
1000 0 1000 2000 METERS
CONTOUR INTERVAL 40 FEET
CONTOUR INTERVAL 80 FEET IN LAKE POWELL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

UTAH
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 Lost Spring
2 Ticaboo Mesa
3 Good Hope Bay
4 Bull Frog
5 Mancos Mesa
6 Halls Crossing
7 Halls Crossing NE
8 Burnt Spring

ADJOINING 7.5' QUADRANGLE NAMES

ROAD LEGEND
Improved Road . . . . . ═══
Unimproved Road . . . . . ========
Trail . . . . . - - - - - - -
Interstate Route U.S. Route State Route

KNOWLES CANYON, UTAH
PROVISIONAL EDITION 1987
37110-E5-TF-024

USGS NMD HISTORICAL MAP
FEB - - 1988
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