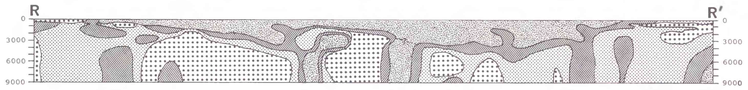

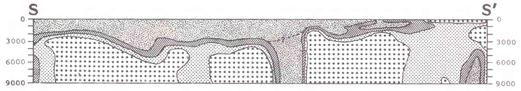

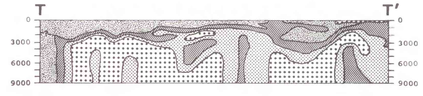

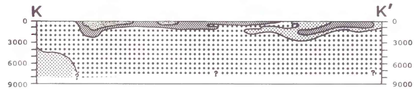

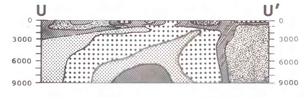

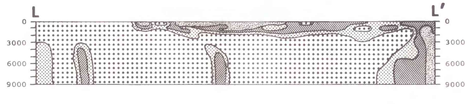

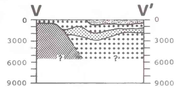

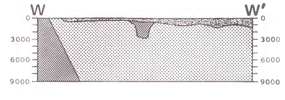

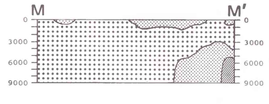

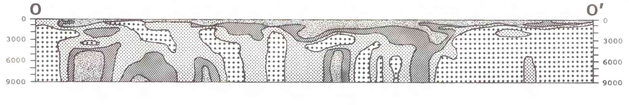

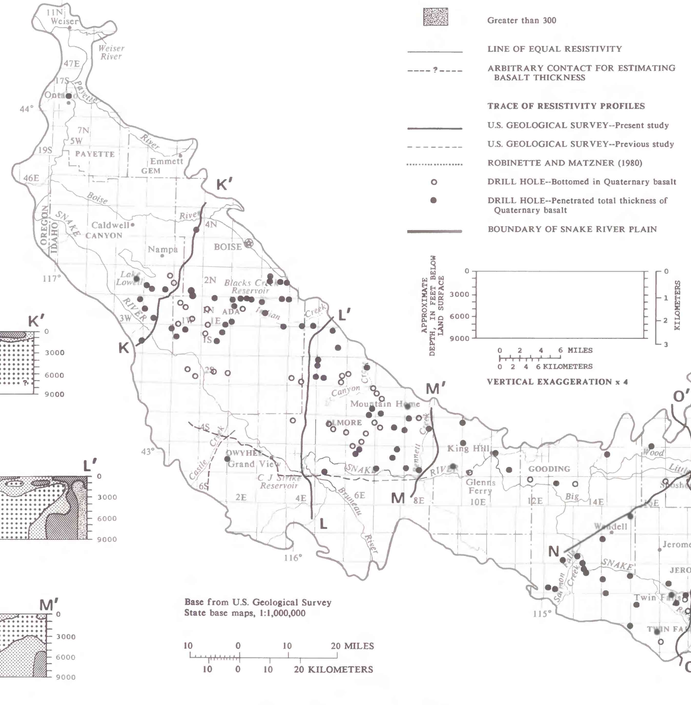
EXPLANATION
ELECTRICAL RESISTIVITY IN OHM-METERS
Less than 70
70-149
150-300
Greater than 300
LINE OF EQUAL RESISTIVITY
ARBITRARY CONTACT FOR ESTIMATING BASALT THICKNESS
TRACE OF RESISTIVITY PROFILES
U.S. GEOLOGICAL SURVEY--Present study
U.S. GEOLOGICAL SURVEY--Previous study
ROBINETTE AND MATZNER (1980)
DRILL HOLE--Bottomed in Quaternary basalt
DRILL HOLE--Penetrated total thickness of Quaternary basalt
BOUNDARY OF SNAKE RIVER PLAIN
APPROXIMATE DEPTH, IN FEET, BELOW LAND SURFACE
KILOMETERS
0 2 4 6 MILES
0 2 4 6 KILOMETERS
VERTICAL EXAGGERATION x 4
Base from U.S. Geological Survey State base maps, 1:1,000,000
10 0 10 20 MILES
10 0 10 20 KILOMETERS
Weiser
Weiser River
Ontario
PAYETTE
Emmett
GEM
Boise River
Caldwell
CANYON
Nampa
OREGON
IDAHO
BOISE
Blacks Creek Reservoir
ADA
ELMORE
Mountain Home
King Hill
Glenns Ferry
GOODING
Wood River
Big Lost River
Little Lost River
LINCOLN
Shoshone
Wendell
Jerome
JEROME
Twin Falls
TWIN FALLS
Snake River
Wilson Lake Reservoir
MINIDOKA
Milner
Burley
CASSIA
Malta
Oakley
Medicine Lodge Creek
CLARK
FREMONT
Mud Lake
JEFFERSON
MADISON
Henrys Fork
Dry Bed
BONNEVILLE
Idaho Falls
BUTTE
Arco
BLAINE
Lost River
BINGHAM
Blackfoot
Blackfoot River
American Falls Reservoir
POWER
Portneuf River
Lake Walcott
Raft River
Goose Creek
Salmon Falls Creek
Bruneau River
Owyhee
Grand View
C J Strike Reservoir
Canyon Creek
Big Creek
Lake Lowell
Mud Creek
Cassia Creek
Medicine Lodge Creek
Camas Creek
Beaver Creek
Fall River
Henrys Fork
Teton River
Snake River
Big Lost River
Little Lost River
Wood River
Big Wood River
Raft River
Goose Creek
Salmon Falls Creek
Bruneau River
Owyhee River
Portneuf River
Blackfoot River
Lake Walcott
Wilson Lake Reservoir
American Falls Reservoir
Mud Lake
Dry Bed
Henrys Fork
Teton River
Big Lost River
Little Lost