

FIGURE 2

PRELIMINARY ISOSTATIC RESIDUAL GRAVITY MAP  
OF THE CANDIDATE AREA

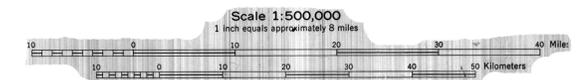
EXPLANATION

GRAVITY CONTOUR INTERVAL 5 mGal  
 CONTOURING BASED ON GRAVITY VALUES GRIDDED ON A 2km SPACING  
 ISOSTATIC RESIDUAL GRAVITY IS AN AIRY-HEISKANEN TYPE ISOSTATIC  
 ANOMALY WITH AN ASSUMED CRUSTAL THICKNESS DENSITY OF 2.67 g/cm<sup>3</sup>  
 A NORMAL CRUSTAL THICKNESS OF 25 km, AND A CRUST-MANTLE DENSITY  
 CONTRAST OF 0.40 g/cm<sup>3</sup>  
 TERRAIN CORRECTIONS WERE APPLIED TO A RADIAL DISTANCE OF 166.7 km  
 H AND L DENOTE HIGHS AND LOWS  
 DOTS SHOW GRAVITY MEASUREMENT STATIONS

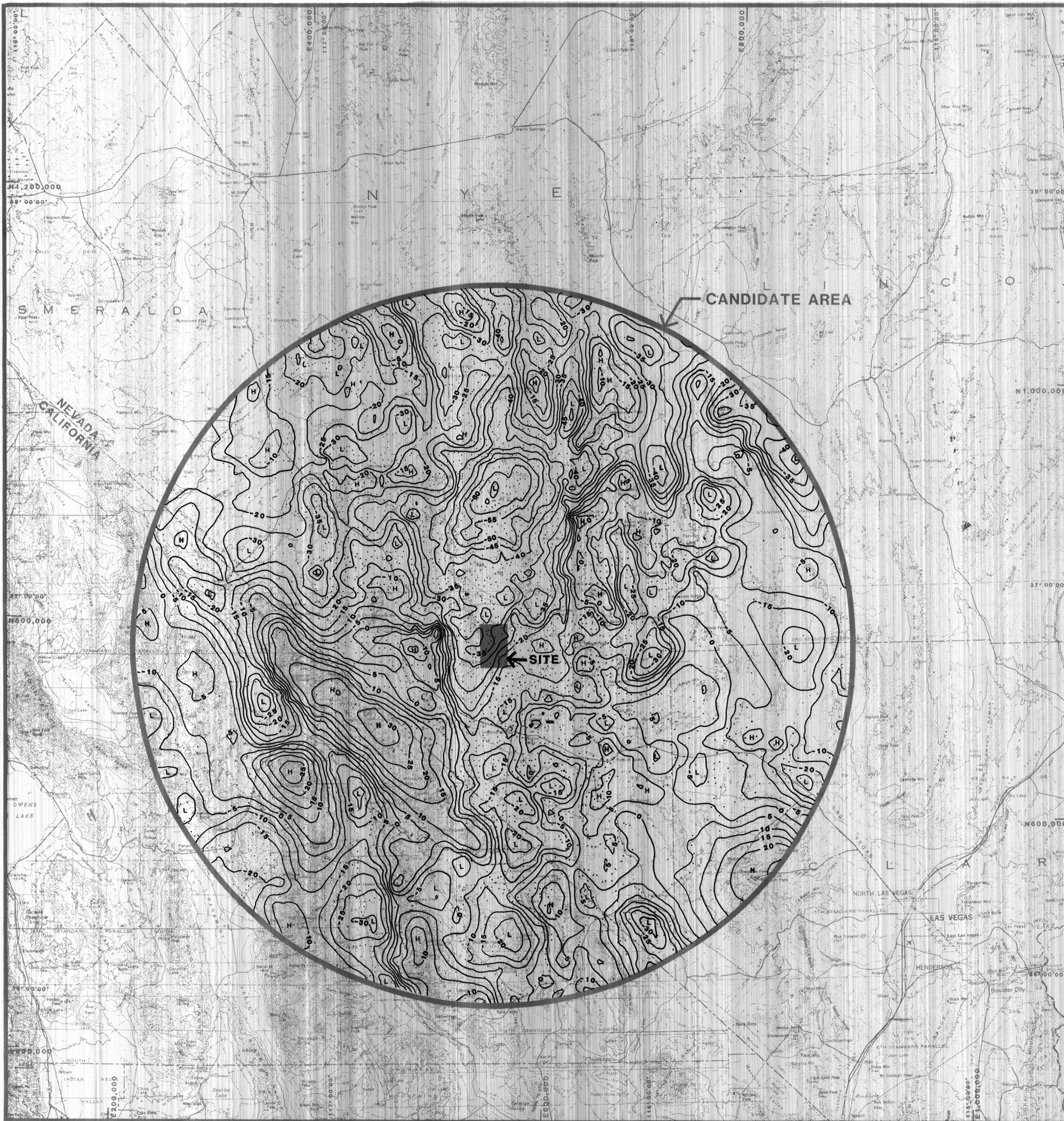
SOURCES OF GRAVITY DATA:

Bracken and Kane, 1983  
 Bol and others, 1983  
 Chapman and others, 1973  
 Diment and others, 1960  
 Diment and others, 1961  
 Ekren and others, 1974  
 Hanna and others, 1975  
 Healey, 1968

Healey and Miller, 1962  
 Healey and others, 1981  
 Kane and others, 1979  
 Mabey, 1960  
 Nilsen and Chapman, 1974  
 Oliver and others, 1980  
 Oliver and Robbins, 1982a  
 Oliver and Robbins, 1982b  
 Plouff, 1983



TOPOGRAPHIC CONTOUR 500 FEET      DATUM IS MEAN SEA LEVEL



This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.