UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
MONTANA BUREAU OF MINES AND GEOLOGY
BUTTE, MONTANA

WATER-SUPPLY PAPER 1862
PLATE 2

EXPLANATION

Valley fill

Bedrock

Approximate contact

50 52 Lines of equal residual gravity
*Dashed where data incomplete. Interval 2 milligals*

G95 Gravity station and number

USCGS, *U.S. Coast and Geodetic Survey Bench Mark*
USFS, *U.S. Forest Service Bench Mark*

R.10 W. 112°50′ R.9 W. 112°40′ R.8 W.

46°20′ T.7 N. T.6 N. T.5 N. 46°10′ T.4 N. T.3 N.

DEER LODGE POWELL CO DEER LODGE CO SILVER BOW CO ANACONDA Opportunity Galen Warm Springs Region Hot Springs

Robinson Creek · Pincyp Creek · Conleys Lakes · Joe Creek · Cottonwood Creek · Burnt Hollow · Peterson Creek · North Fork Dempsey Creek · Caribou Gulch · Orofino Creek · Modesty Creek · Prairie Gulch · Spring Gulch · Antelope Gulch · Hoodoo Gulch · Lost Creek · Girard Gulch · Perkins Gulch · Dutchman Springs · Warm Springs Creek · Willow Creek · Stead Hollow · Coffinwood Creek · Race Track Creek · Silver Bow Creek · Anaconda Mill Gulch · Burke Park

USCGS 4WR · USFS DL10 · USFS DL9 · USCGS 2WR · USCGS 1WR · USCGS W313 · USCGS Z12 · USCGS A314 · USCGS 2313 · USCGS B314 · USCGS F314 · USCGS Butte 5085 · USCGS Butte Azum

Base from U.S. Forest Service, 1959

SCALE 1:62 500

1 ½ 0 1 2 3 4 MILES
1 .5 0 1 2 3 4 KILOMETERS

Geology by R. L. Konizeski, 1962

19° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1968

B B′ — R. 11 W. | R. 10 W. | R. 9 W. | R. 8 W. — 7000′ 6000′ 5000′ 4000′ 3000′ 2000′ 1000′ — BEDROCK · VALLEY FILL · USFS DL9 · USCGS Z12 · Assumed density contrast: 0.6

C C′ — R. 10 W. | R. 9 W. | R. 8 W. — 5000′ 4000′ 3000′ 2000′ — BEDROCK · VALLEY FILL · USFS DL10 · USCGS 4069 · Assumed density contrast: 0.6

A A′ — R. 11 W. | R. 10 W. | R. 9 W. — 6000′ 5000′ 4000′ 3000′ 2000′ 1000′ SEA LEVEL 1000′ — BEDROCK · VALLEY FILL · USCGS 2313 · USCGS A314 · USCGS B314 · USCGS F314 · Assumed density contrast: 0.6

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# RESIDUAL GRAVITY MAP AND SECTIONS OF SOUTHERN DEER LODGE VALLEY, MONTANA