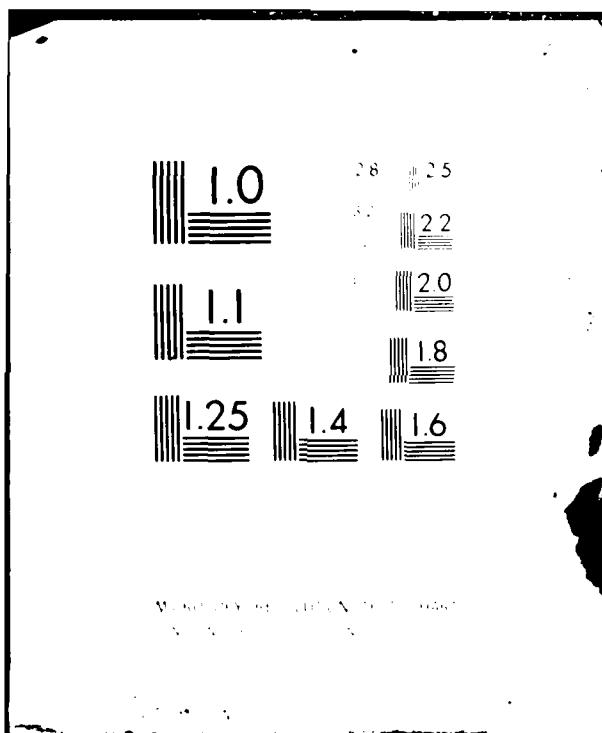


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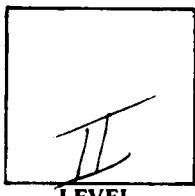


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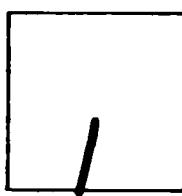
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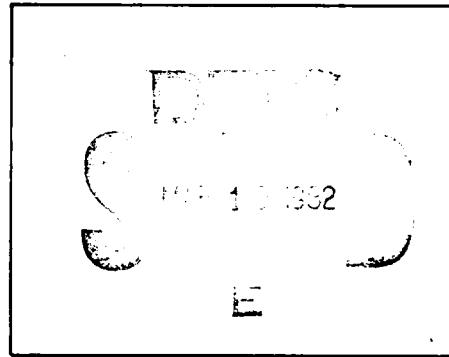
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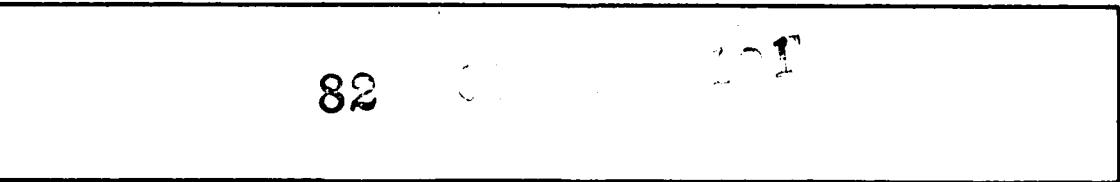
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GRAVITY SURVEY - DRY LAKE VALLEY

NEVADA

Prepared for:

U.S. Department of the Air Force
Ballistic Missile Office (BMO)
Norton Air Force Base, California 92409

Prepared by:

Fugro National, Inc.
3777 Long Beach Boulevard
Long Beach, California 90807

17 March 1980

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FOREWORD

Methodology and Characterization Studies during fiscal years 1977 and 1978 included gravity surveys in ten valleys in Arizona (five), Nevada (two), New Mexico (two), and California (one). The gravity data were obtained for the purpose of estimating the gross structure and shape of the basins and the thickness of the valley fill. There was also the possibility of detecting shallow rock in areas between boring locations. Generalized interpretations from these surveys were included in Fugro National's Characterization Reports (FN-TR-26a through e).

During the FY 77 surveys, the measurements were made to form an approximate one-mile grid over the study areas, and contour maps showing interpreted depth to bedrock were made. In FY 79, the decision was made to concentrate the available funds on the basic Verification Program to verify and refine suitable area boundaries. This decision resulted in a reduction in the gravity program. Instead of obtaining gravity data on a grid, the reduced program consisted of obtaining gravity measurements along profiles across the valleys where Verification Studies were also performed.

The Defense Mapping Agency (DMA), St. Louis, was also requested to provide gravity data from their library to supplement the gravity profiles. For Big Smoky, Reveille, and Railroad valleys, a sufficient density of library data is available to permit construction of interpreted contour maps instead of two-dimensional cross sections.

In late summer of FY 79, supplementary funds became available to begin data reduction. At this time, inner zone terrain corrections began on the library data and the profiles from Big Smoky Valley, Nevada, and Butler and La Posa valleys, Arizona. The profile data from Whirlwind, Hamlin, Snake East, White River and Garden Coal valleys, Nevada were available from the field in early October, 1979.

A continuation of gravity interpretations has been incorporated into the FY 80 contract and the results are being summarized in a series of valley reports. The reports covering Nevada-Utah gravity studies will be numbered, "FN-TR-33-", followed by the abbreviation for the subject valley. In addition, more detailed reports of the results of FY 77 surveys in Dry Lake and Ralston valleys, Nevada are being prepared. Verification Studies are continuing in FY 80 and gravity studies are included in the program. DMA will continue to obtain the field measurements and it is planned to return to the grid pattern. The interpretation of the grid data will allow the production of contour maps which will be valuable in the deep basin structural analysis needed for computer modeling in the Water Resources Program. The gravity interpretations will also be useful in the Nuclear Hardness and Survivability (NH&S) evaluations.

The basic decisions governing the gravity program are made by BMO following consultation with TRW Inc., Fugro National and the (DMA). Conduct of the gravity studies is a joint effort between DMA and Fugro National. The field work, including planning, logistics, surveying, and meter operation is done by the Defense Mapping Agency Hydrographic/Topographic Center (DMAHTC), headquartered in Cheyenne, Wyoming. DMAHTC reduces the data to Simple Bouguer Anomaly (see Section A1.4, Appendix A1.0). The Defense Mapping Agency Aerospace Center (DMAAC), St. Louis, calculates outer zone terrain corrections.

Fugro National provides DMA with schedules showing the valleys with the highest priorities. Fugro National also recommended locations for the profiles in the FY 79 studies within the constraints that they should follow existing roads or trails. Any required inner zone terrain corrections are calculated by Fugro National prior to making geologic interpretations.

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1.0 INTRODUCTION

1.1 OBJECTIVES

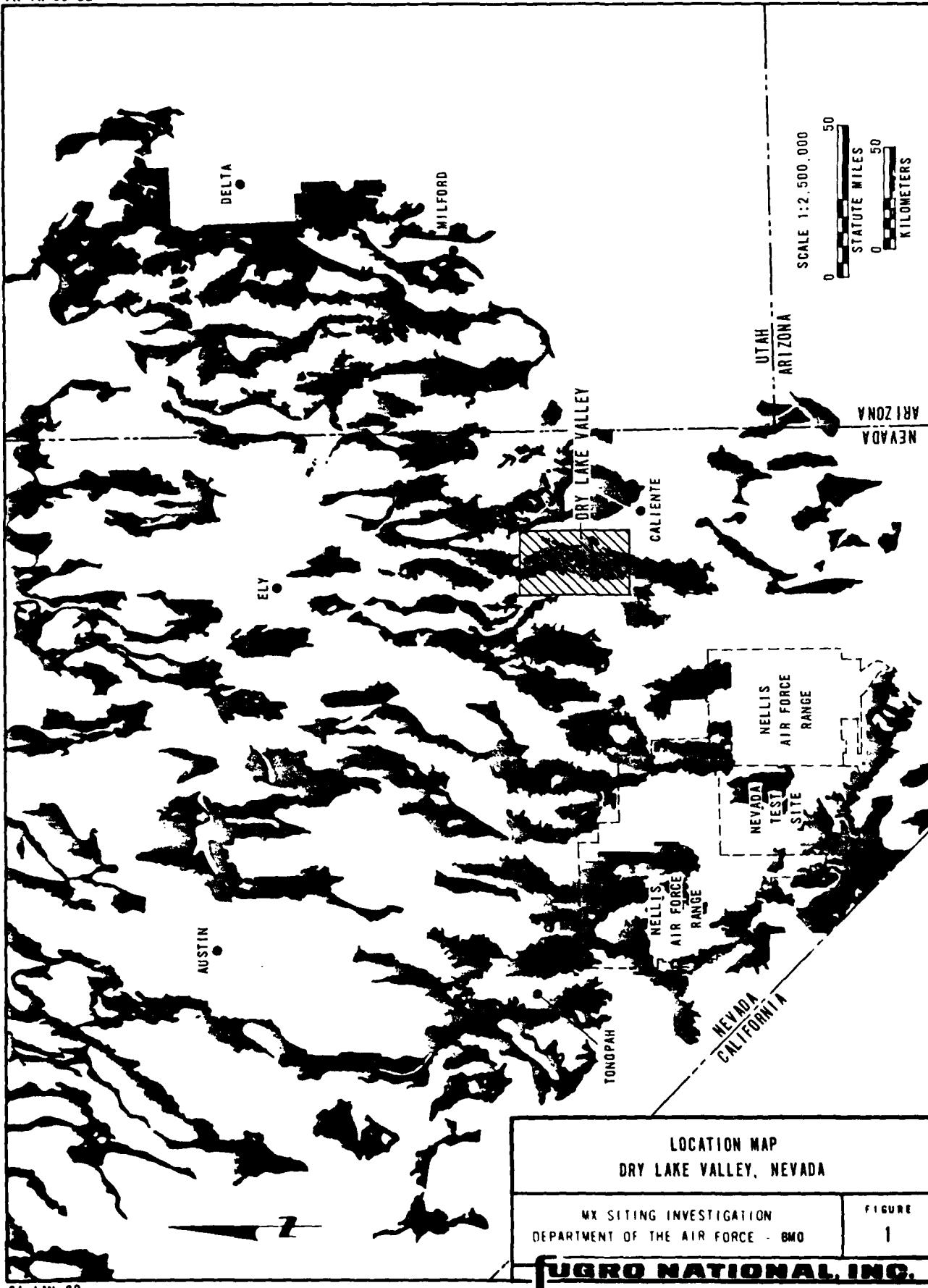
Measurements of the gravitational field were made in Dry Lake Valley for the purpose of estimating the overall shape of the structural basin and the thickness of alluvial fill in the basin. These estimates are expected to be useful to the Nuclear Survivability and Hardness (NH&S) community in modeling dynamic response to nuclear detonations and to geohydrologists in evaluating ground water regimes.

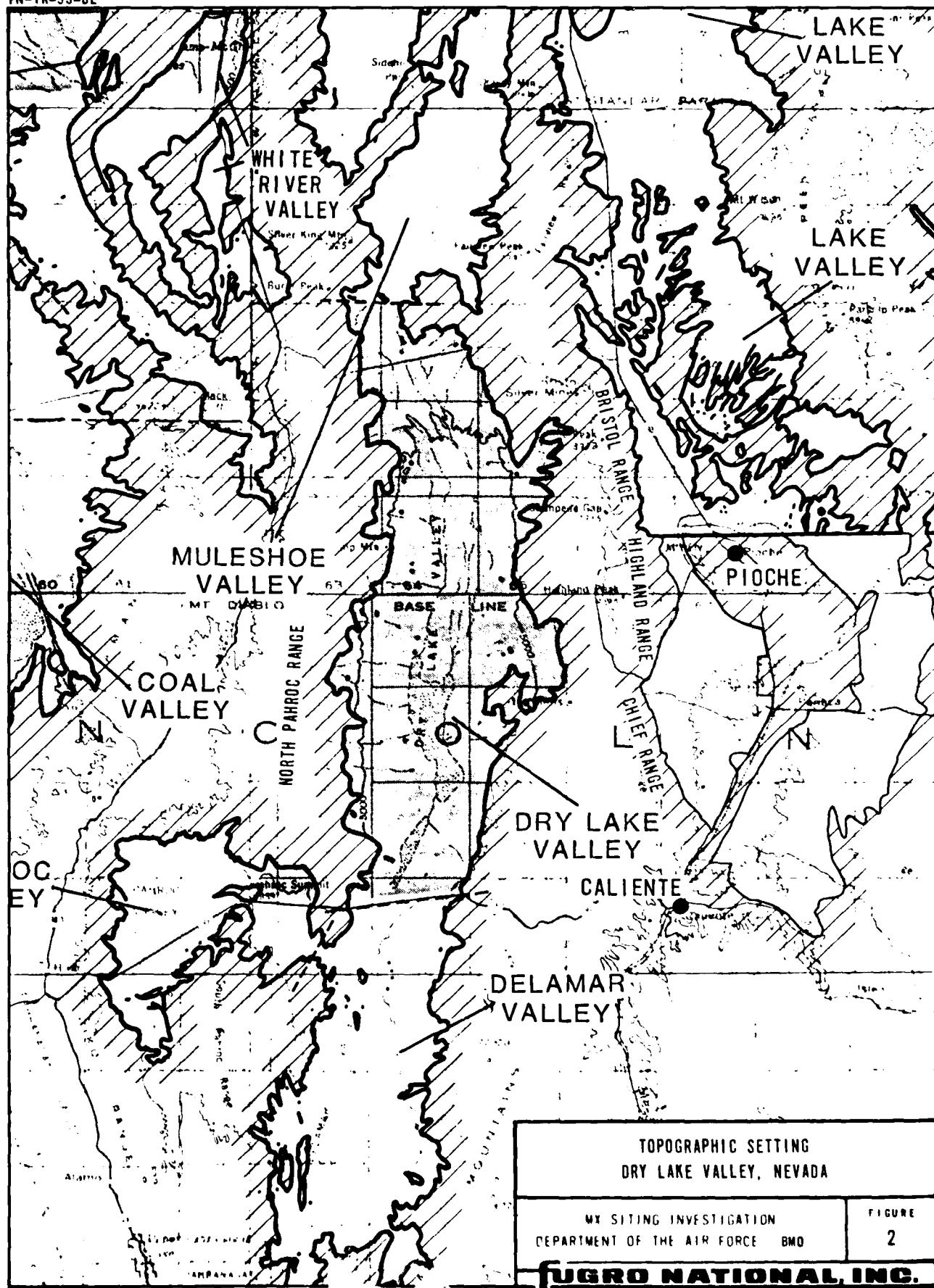
1.2 LOCATION

Dry Lake Valley is located in central Lincoln County, Nevada, approximately 106 miles (170 km) NNE of Las Vegas (see Figure 1). The portion of Dry Lake Valley included in this study is approximately 40 miles (65 km) long and 13 miles (22 km) wide, comprising an area of approximately 520 square miles (1347 km^2). As shown in Figure 2, Dry Lake Valley is bounded by mountain ranges on three sides and is open to Delamar Valley on the south. U.S. Highway 93, which is the only paved road in the vicinity, crosses the southern end of the valley.

1.3 SCOPE OF STUDY

The Defense Mapping Agency Hydrographic-Topographic Center/Geodetic Survey Squadron (DMAHTC/GSS) obtained gravitational field measurements at 1069 stations in and around Dry Lake Valley during June and July, 1977. Approximately one-half of these stations were distributed throughout the valley with about 1 mile (1.6 km) between stations. The rest of the stations were





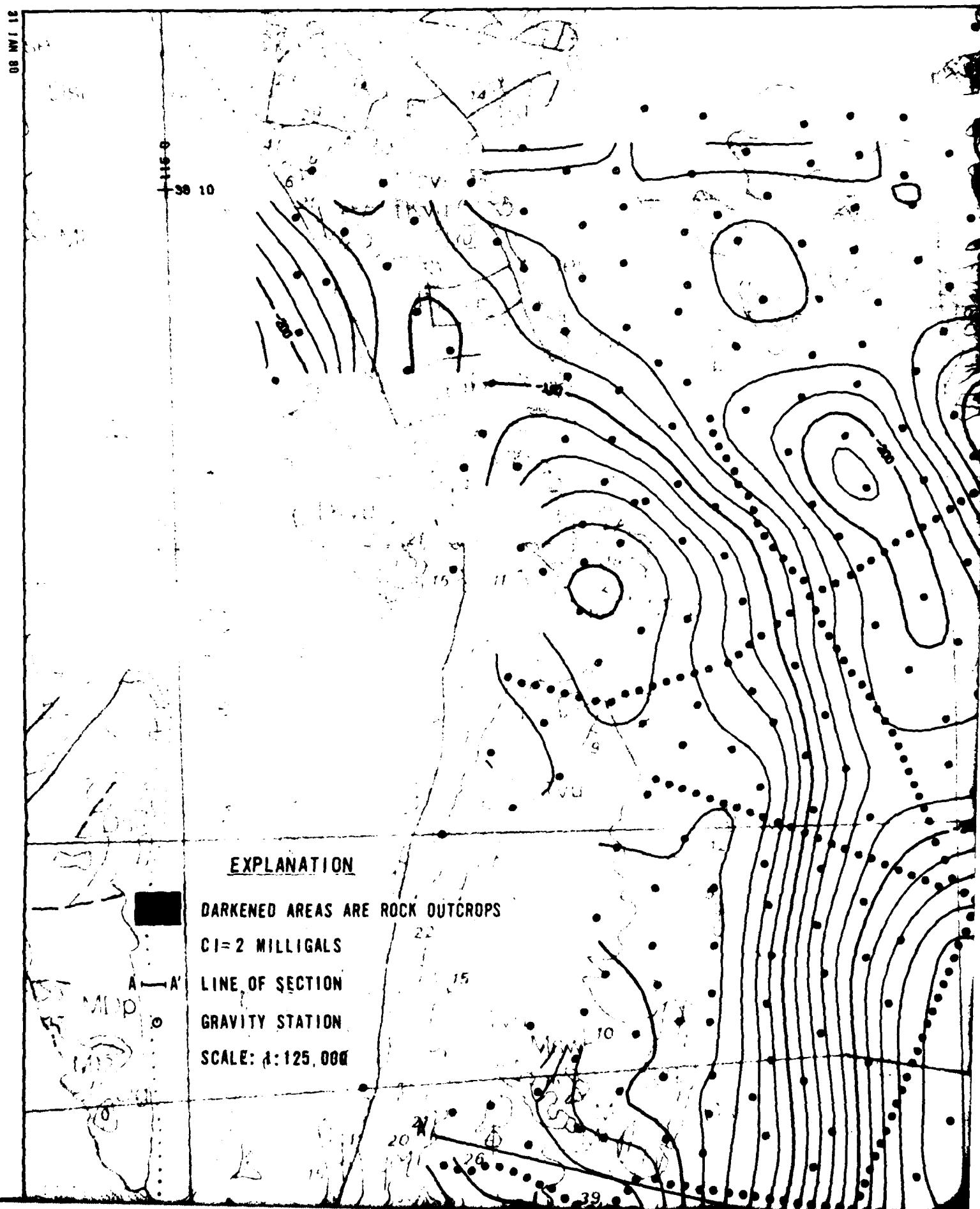
placed either at 1/4-mile (0.4 km) intervals along roads and trails or around the perimeter of the valley on rock outcrops. The station locations are shown on Figures 3 and 6. Station elevations were determined within a tolerance of 5 feet (1.5 m). With this elevation tolerance, the gravity precision is no smaller than 0.3 milligals. The principal facts for all stations are listed in Appendix A2.0.

In addition to the gravity data in Dry Lake Valley, information from two relatively long seismic refraction lines in the northern part of the valley was available. These seismic lines were recorded during Characterization studies by Fugro National in June, 1977 (FN-TR-26e).

2.0 GRAVITY DATA REDUCTION

DMAHTC/GSS obtained the basic observations and reduced them to simple Bouguer Anomalies (SBA) for each station as described in Appendix A1.0. Up to three levels of terrain corrections were applied to convert the SBA to the complete Bouguer Anomaly (CBA). First, the Defense Mapping Agency Aerospace Center (DMAAC), St. Louis, used its library of digitized terrain data and a computer program to calculate corrections for all stations to account for terrain to 104 miles (167 km) from the station. The second level of terrain corrections was necessary because the computer program has limitations in accounting for terrain effects near the stations. This made it necessary, for some stations, to use a ring template to calculate the effect of terrain within approximately 3000 feet of these stations. The third level of terrain corrections was applied to those stations where 10 feet or more of relief was observed within 130 feet of the station. For these stations, elevation differences were measured in the field at a distance of 130 feet along six directions from the stations. These data were used to calculate the effect of the very near relief. Figure 3 is a contour map of the CBA which also shows the locations of the gravity stations and approximate rock outcrop line at the edges of the valley.

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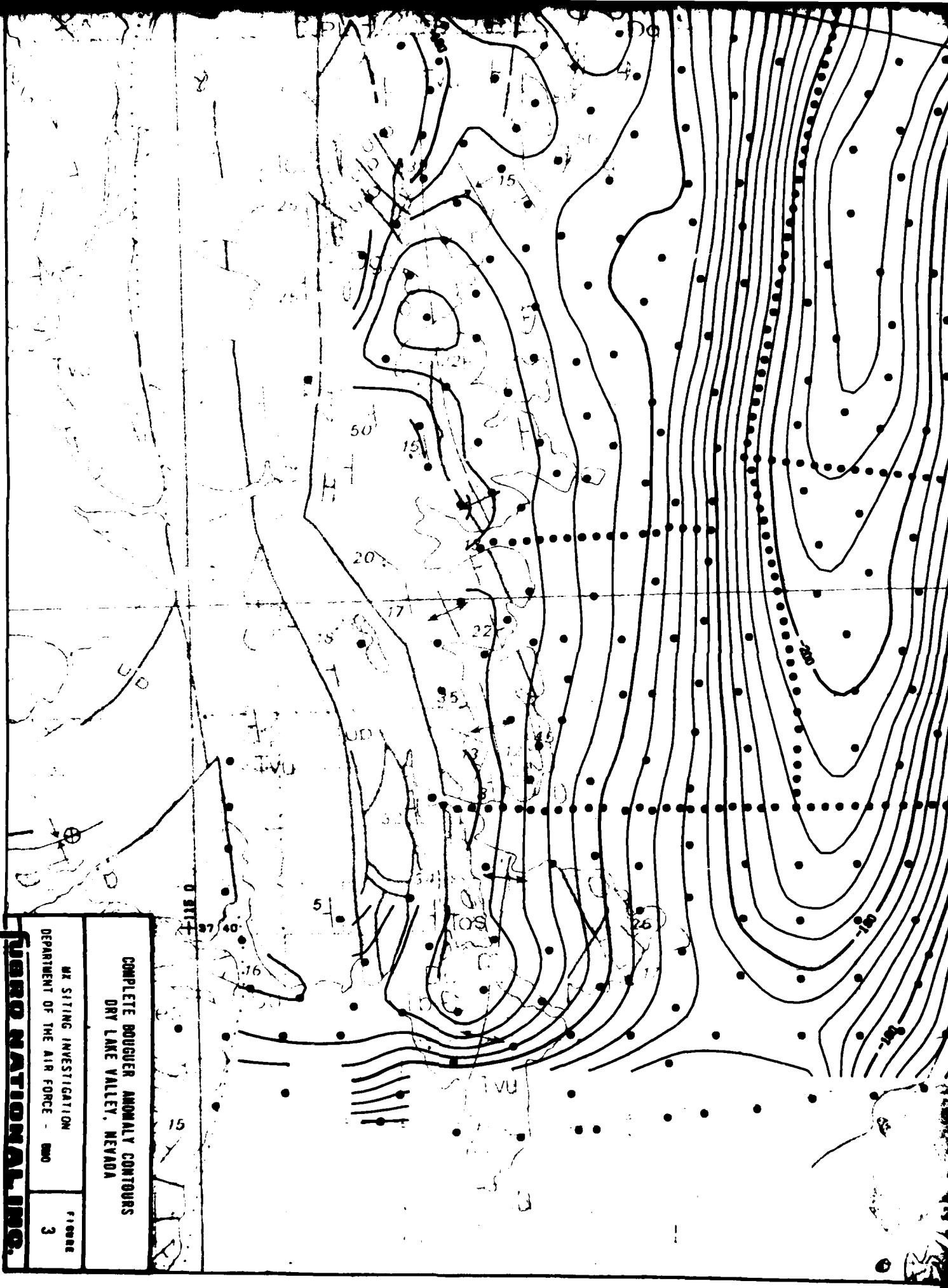
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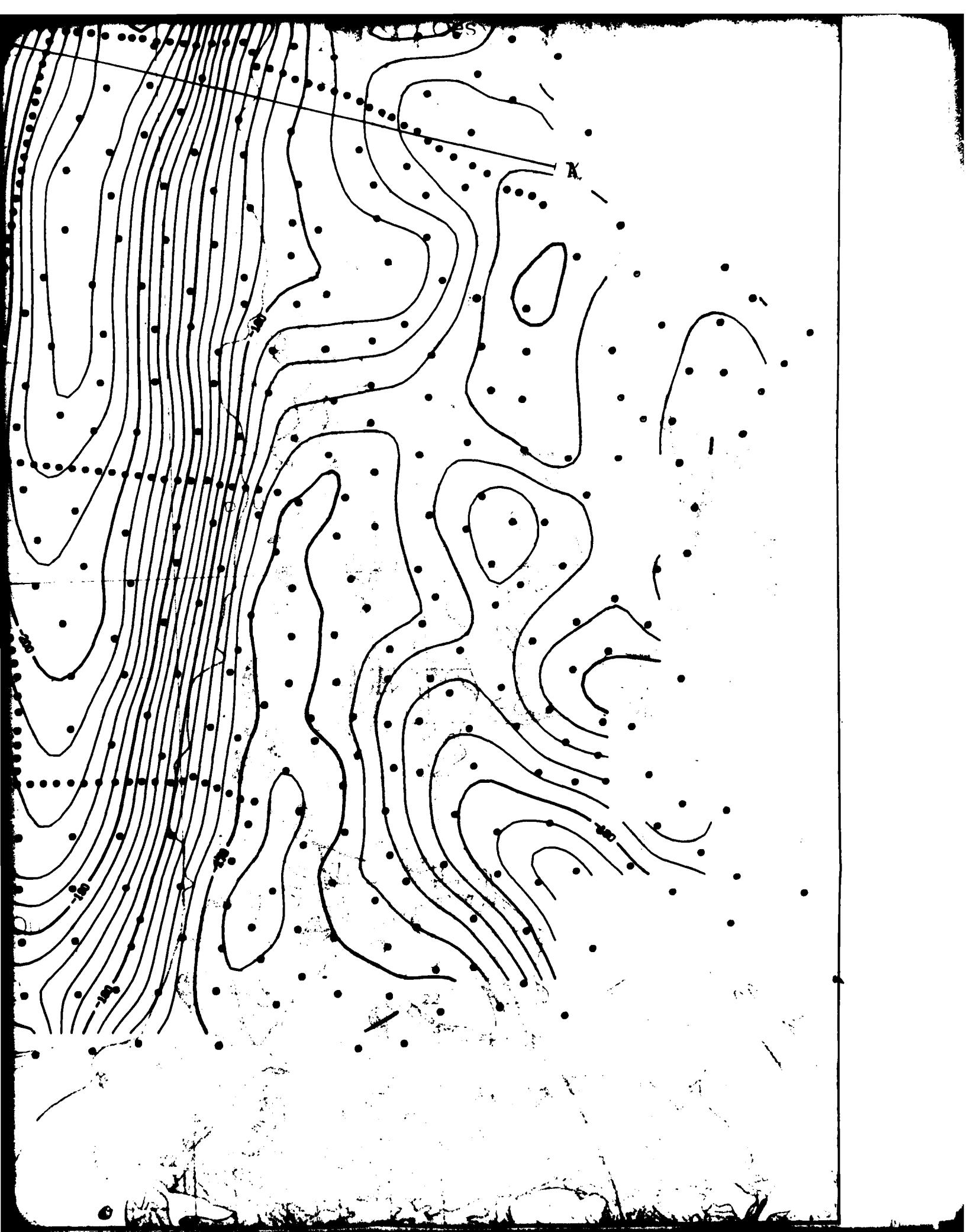
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COMPLETE BOUGUER ANOMALY CONTOURS
DRY LAKE VALLEY, NEVADA

FIGURE
3





3.0 GEOLOGIC SUMMARY

The structural geologic setting, major rock types, and depositional regime of the valley-fill material are important considerations in the interpretation of the gravitational field data. Dry Lake Valley exhibits typical basin and range structure; high angle, normal basement faults, oriented north-south, probably border the North Pahroc Range on the west, and the Bristol, Highland, and Chief ranges on the east. The area between was faulted downward. Stewart, and Carlson (1978) indicate that a north-south trending fault on the eastern side of the valley cuts through the surface alluvium. This is further substantiated by Shawe (1965) and Fugro National, Inc. (1978, FN-TR-26E). Shawe (1965) also mentions transverse faults, near the Dry Lake area, occurring at large angles to the major north-south structural trends.

The outcrops in the mountains on the western side of the valley are predominantly Tertiary ash flow tuffs with some Paleozoic carbonate rocks. Conversely, the eastern mountains are composed primarily of Paleozoic carbonates with minor amounts of Tertiary ash flow tuffs (Stewart, and Carlson, 1978). The Paleozoic carbonate rocks in Nevada are generally reported to be relatively high density, on the order of 2.8 g/cm^3 . The volcanic rocks in Nevada are highly variable in density. In general, their density ranges fall between 2.2 and 2.5 g/cm^3 .

At the surface, the total valley fill is composed of young and intermediate age alluvial fan deposits (72 percent of surface

area), fluvial and stream terrace deposits (16 percent), playa and older lacustrine deposits (six percent), and undifferentiated fluvial, alluvial, and lacustrine deposits (six percent), (Fugro National, Inc. 1978, FN-TR-26e). Except for younger stream channel and playa deposits, the valley fill is late Tertiary and early Quaternary in age. Eakin (1963) describes, the valley fill as consisting of unconsolidated to partly consolidated silt, sand, and gravel derived from adjacent highlands, and including some rocks of volcanic origin.

4.0 INTERPRETATION

The gravitational effect of the light weight material filling the Dry Lake structural basin dominates the CBA map in Figure 3. The CBA values become increasingly negative toward the center of the valley.

4.1 REGIONAL-RESIDUAL SEPARATION

A fundamental step in gravity interpretation is evaluation of the portion of the CBA which represents the geologic feature of interest, in this case, the relatively low density valley fill. The part of the gravity field which is of interest is called the "residual" anomaly. The magnitude of the residual anomaly is a product of: 1) the thickness of alluvial fill; and 2) the contrast in density between the fill and bedrock.

The residual anomaly was isolated by first estimating the way the CBA field would have appeared if there had been no valley fill present. This estimated field is called the "regional" gravity. For this study, the regional field was calculated by fitting (by least squares) a second-order polynomial surface to the CBA values at the bedrock stations around the valley. The regional field was then subtracted from the CBA. The remainder was the residual anomaly.

4.2 DENSITY SELECTION

To calculate the thickness of alluvium which caused the residual anomaly, it is necessary to know the density contrast between the alluvial fill and the bedrock. Only very generalized

information on densities is available, and, for calculation, they were treated as if they are constant throughout the valley. Upon consideration of these factors, it becomes clear that the thickness of alluvium (or depth to rock) interpretation is a coarse approximation.

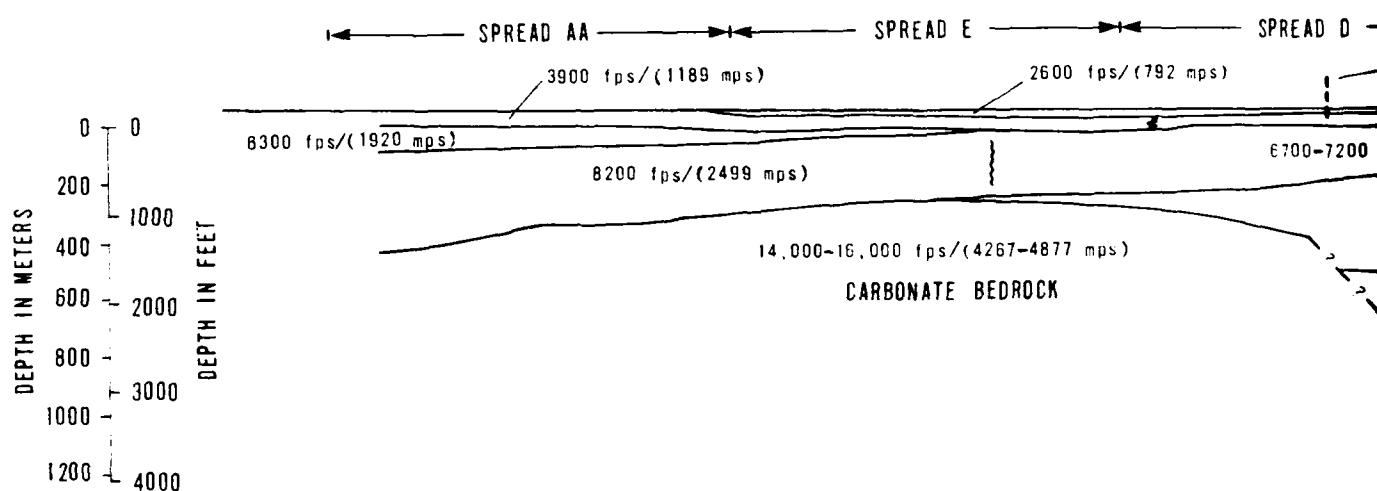
Interpretations from the two seismic refraction lines in the northern end of the valley were used to constrain the selection of the density contrast. These interpretations are shown in Figures 4 and 5. The highest velocities in the profiles are on the order of 15,000 fps (4572 mps). These were interpreted to represent carbonate bedrock. By "trial and error" calculations, it was found that use of a density contrast of 0.45 g/cm³ caused the depth calculated from the gravity to approximately agree with the seismic interpretation.

The density measured for samples of alluvial fill obtained from shallow borings in Dry Lake Valley range from 2.1 g/cm³ to 2.4 g/cm³. Published values for carbonate rocks typically range between 2.6 and 2.8 g/cm³. The contrast of 0.45 g/cm³ appears to be reasonable in light of these typical values. This contrast should be considered a maximum, because the average density of the alluvial materials will become greater as the depth of burial increases.

4.3 MODELING

For computation and contouring, values for surface elevations and CBA were interpolated at the nodes of a regular 1 mile (1.6 km) grid over the valley. Portions of the grid, where

SEISMIC R



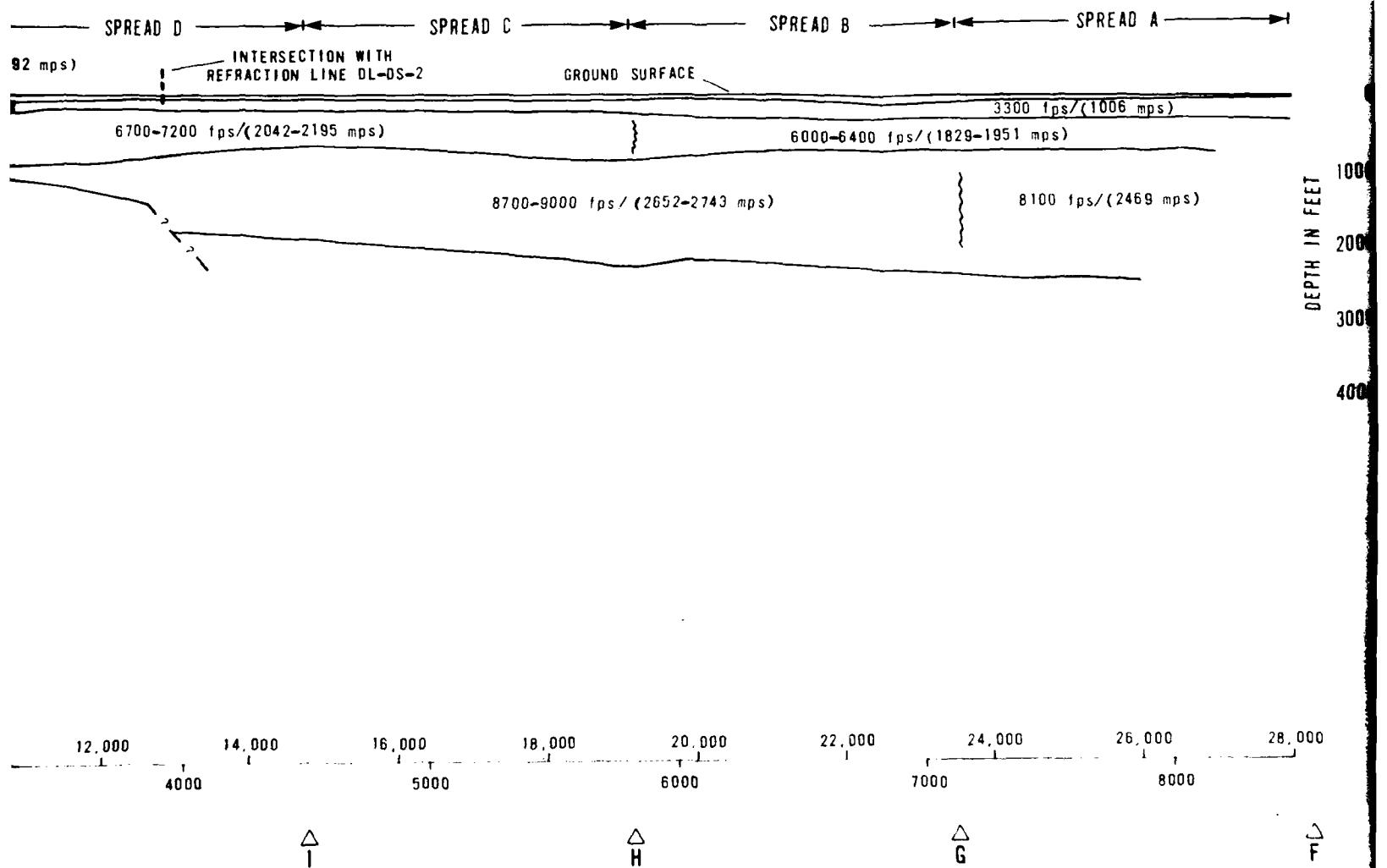
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DISTANCE IN METERS	0	1000	2000	3000	4000		

SHOT POINT LOCATIONS \triangle
M \triangle
L

\triangle
K
 \triangle
J

VELOCITY PROFILE
SEISMIC REFRACTION LINE DL-DS-1

S 28 E



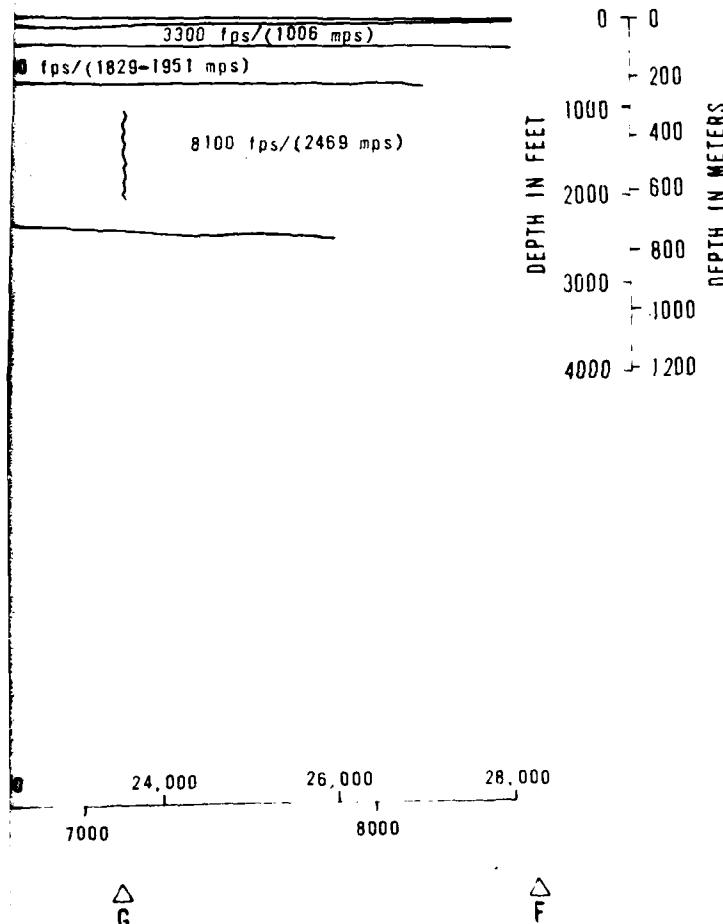
VELOCITY PROFILE
SEISMIC REFRACTION LINE
DRY LAKE VALLEY

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FUGRO NATION

12

- SPREAD A —————►



VELOCITY PROFILE
SEISMIC REFRACTION LINE DL-DS-1
DRY LAKE VALLEY NEVADA

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FIGURE

4

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1 3

VELOCITY PROFILE
SEISMIC REFRACTION LINE DL-DS-2

N 52° E

SPREAD A ————— SPREAD B

GROUND SURFACE

2800 fps/(853)

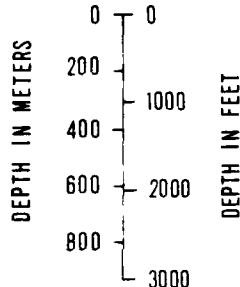
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6600 fps/(20

9000-9300 fps/(2743-283

14,000-16,000 fps/(4267-4877 mps)

CARBONATE BEDROCK



DISTANCE IN FEET

0

2000

4000

6000

DISTANCE IN METERS

0

1000

2000

SHOT POINT LOCATIONS

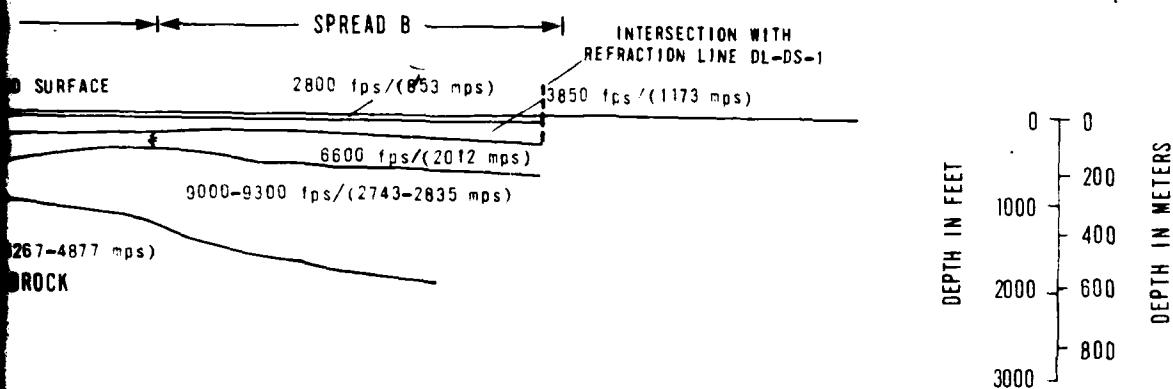
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G

H

VELOCITY PROFILE
REFRACTION LINE DL-DS-2

-N 52 E



4000 6000 8000 10,000 12,000 14,000
1000 2000 3000 4000

H I J

VELOCITY PROFILE
SEISMIC REFRACTION LINE DL-DS-2
DRY LAKE VALLEY, NEVADA

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FIGURE
5

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1 2

there were insufficient station data to establish reliable nodal values, were masked out.

Bedrock depths at each node were computed by iterative computer programs that considered the gravity effect from the model at the other nodes as well as beneath the node in question. Contours showing the interpreted depth to bedrock are displayed in Figure 6. The CBA contours in Figure 3 show linear gradients along both sides of the valley. These gradients range from 10 to 14 milligals per mile. These gradients are thought to be produced by large, steep bedrock faults. The second vertical derivative of the CBA field was calculated to guide the placement of the faults shown in Figure 6. Since the zero contour of the second vertical derivative marks the steepest part of the input CBA field, the faults were placed along the zero contour. This places the trace of the eastern boundary fault slightly more than 1 mile (1.6 km) west of surface cracks in the alluvium mapped as a fault along the eastern boundary of Dry Lake Valley.

The two faults interpreted to cross the valley are not so clearly defined as the boundary faults. They are positioned where changes in strike of the major gravity gradients and the axis of the valley occur. There is significant change in bedrock elevation associated with the northern transverse fault, but little, if any vertical change across the southern fault.

A cross-section view across the central part of the valley (Section AA', Figures 3 and 6) is shown in Figure 7. The top

part of the figure shows the shape of the CBA profile along this section. The lower part shows the surface profile and the interpreted bedrock profile.

31 MAR 80

EXPLANATION

— — INTERPRETED FAULTS

— / — SEISMIC REFRACTION LINE

A — A' LINE OF SECTION

[Rock Outcrop Pattern] DARKENED AREAS ARE ROCK OUTCROPS

● GRAVITY STATION

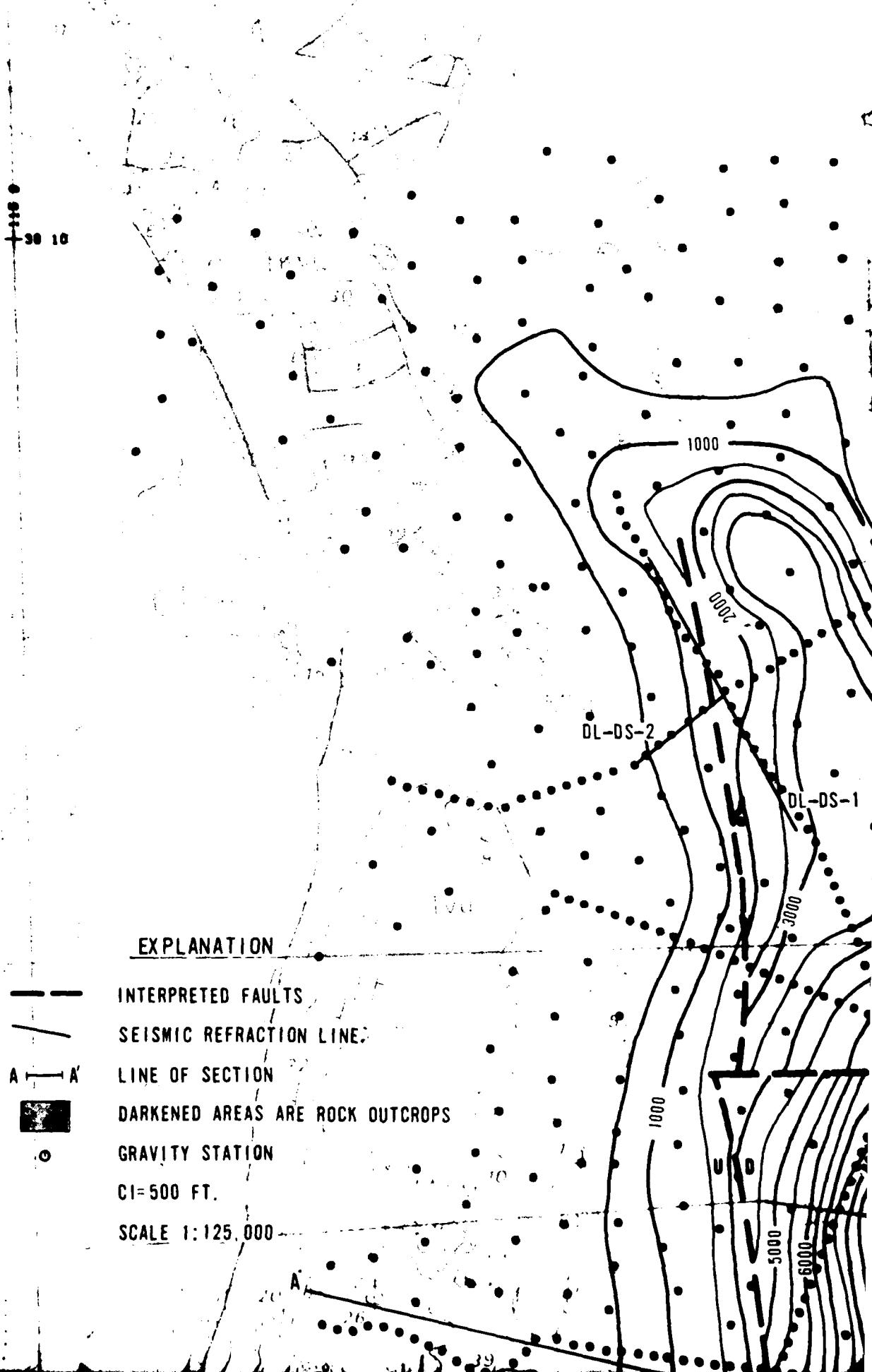
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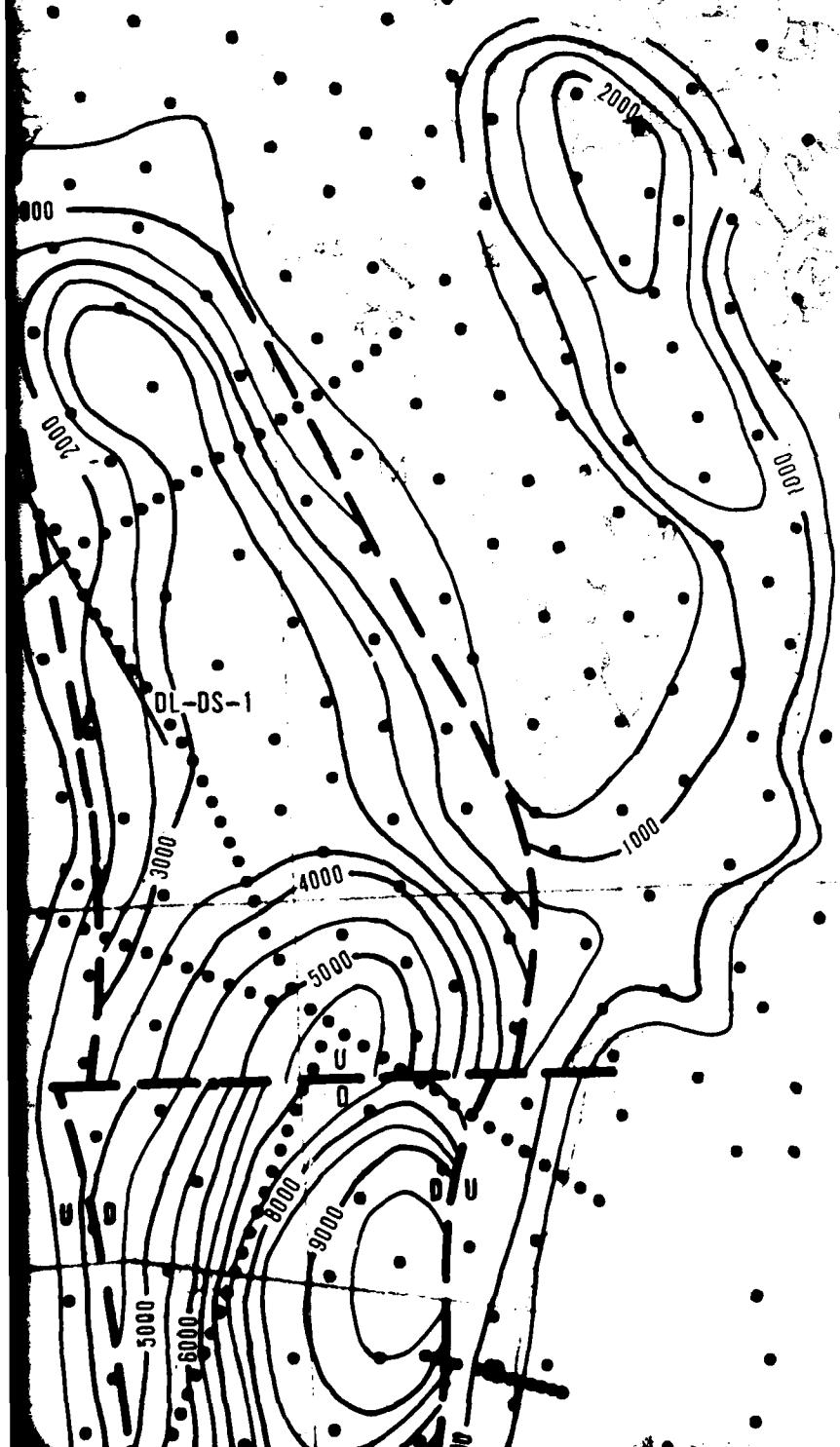
A — A'

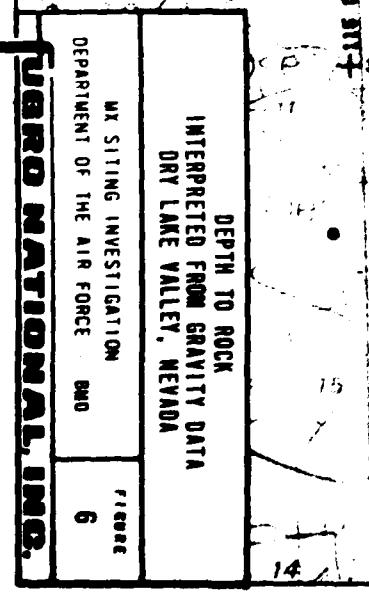


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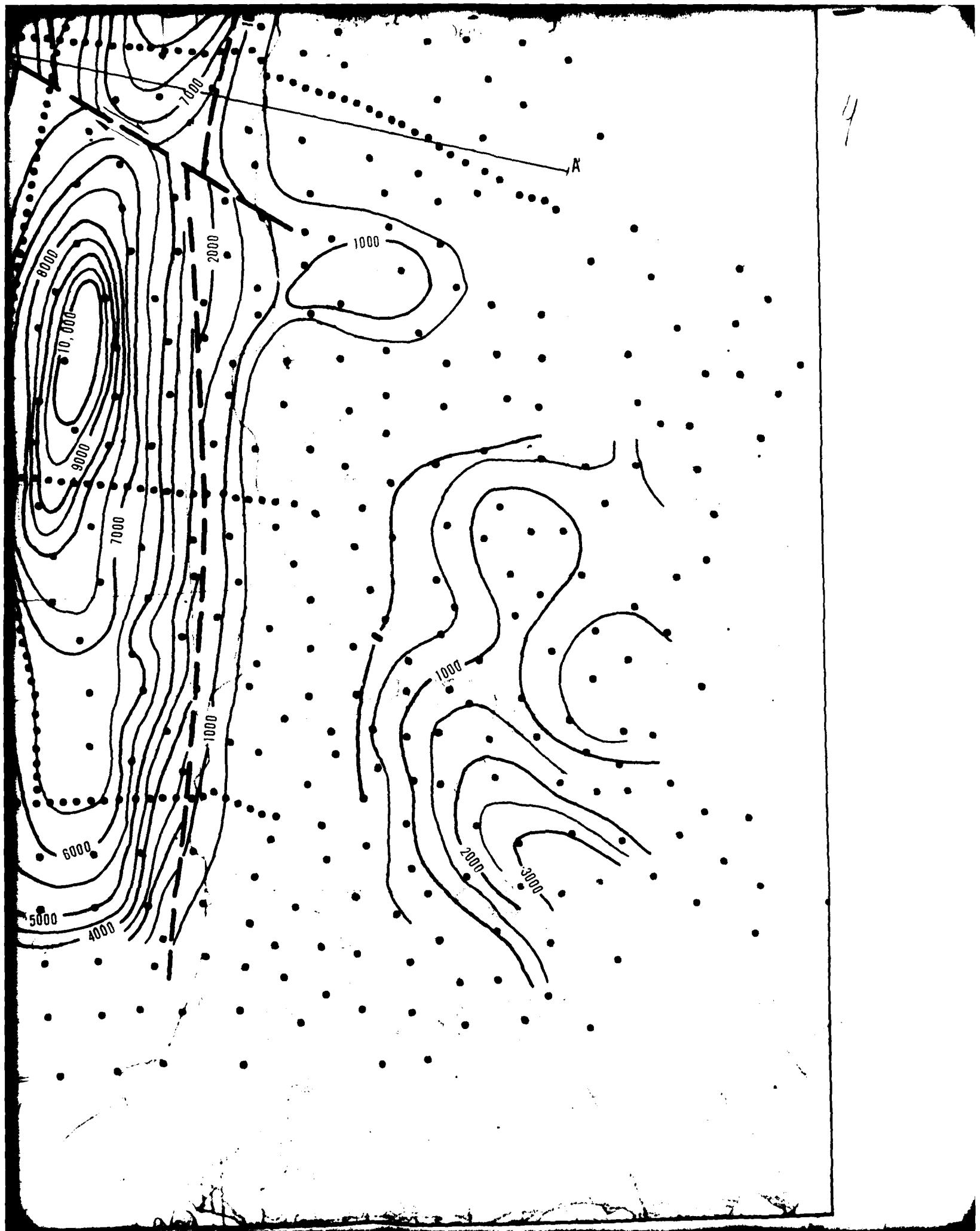


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-2000
-1000
0
-1000
-2000
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$\rho = 2.35$

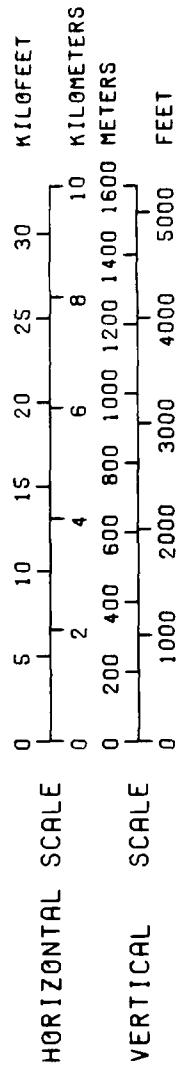
$\rho = 2.80$

-2000
-1000
0
-1000
-2000
-3000
-4000

1 2

-4000
-28
-26
-24
-22
-20
-18
-16
-14
-12
-10
-8
-6
-4
-2
0

DISTANCE (KM)



CROSS-SECTIONAL VIEW, PROFILE AA'
DRY LAKE VALLEY, NEVADA

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FIGURE
7

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EXPLANATION
TOP COMPLETE BOUGUER ANOMALY (INTERPOLATED) (—)
BOTTOM ELEVATION: INTERPOLATED SURFACE ELEVATIONS (—)
MODEL OF BEDROCK SURFACE (—)
DENSITY VALUES ($\rho = 2.3$) g cm³
DISTANCE SCALE 1:125,000

5.0 CONCLUSIONS

The interpretation of the gravity survey of Dry Lake Valley indicates that there are major range bounding normal faults on both sides of the valley. The graben between the boundary faults is calculated to be on the order of 10,000 feet deep. The northern third of the valley is substantially shallower than the southern part.

There is a large, well defined negative gravity anomaly associated with Dry Lake Valley. An average density contrast of 0.45 g/cm^3 between the alluvium and bedrock was used to calculate the thickness of alluvium which would create such an anomaly. If a smaller contrast had been used, the calculated thickness would have been greater. Conversely, if a larger contrast had been used, the calculated thickness would have been smaller.

Additional modeling with other density contrasts was not justified because so little is known about the actual density distribution in and around the valley.

If future studies acquire better density data or actual thicknesses of alluvium in relatively deep parts of the basin, the gravity interpretation can be refined and made more accurate.

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APPENDIX A1.0

**GENERAL PRINCIPLES OF THE
GRAVITY EXPLORATION METHOD**

A1.0 GENERAL PRINCIPLES OF THE GRAVITY EXPLORATION METHOD

A1.1 GENERAL

A gravity survey involves measurement of differences in the gravitational field between various points on the earth's surface. The gravitational field values being measured are the same as those influencing all objects on the surface of the earth. They are generally associated with the force which causes a 1 gm mass to be accelerated at 980 cm/sec². This force is normally referred to as a 1 g force.

Even though in many applications the gravitational field at the earth's surface is assumed to be constant, small but distinguishable differences in gravity occur from point to point. In a gravity survey, the variations are measured in terms of milligals. A milligal is equal to 0.001 cm/second² or 0.00000102 g. The differences in gravity are caused by geometrical effects, such as differences in elevation and latitude, and by lateral variations in density within the earth. The lateral density variations are a result of changes in geologic conditions. For measurements at the surface of the earth, the largest factor influencing the pull of gravity is the density of all materials between the center of the earth and the point of measurement.

To detect changes produced by differing geological conditions, it is necessary to detect differences in the gravitational field as small as a few milligals. To recognize changes due to

geological conditions, the measurements are "corrected" to account for changes due to differences in elevation and latitude.

Given this background, the basic concept of the gravitational exploration method, the anomaly, can be introduced. If, instead of being an oblate spheroid characterized by complex density variations, the earth were made up of concentric, homogeneous shells, the gravitational field would be the same at all points on the surface of the earth. The complexities in the earth's shape and material distribution are the reason that the pull of gravity is not the same from place to place. A difference in gravity between two points which is not caused by the effects of known geometrical differences, such as in elevation, latitude, and surrounding terrain, is referred to as an "anomaly."

An anomaly reflects lateral differences in material densities. The gravitational attraction is smaller at a place underlain by relatively low density material than it is at a place underlain by a relatively high density material. The term "negative gravity anomaly" describes a situation in which the pull of gravity within a prescribed area is small compared to the area surrounding it. Low-density alluvial deposits in basins such as those in the Nevada-Utah region produce negative gravity anomalies in relation to the gravity values in the surrounding mountains which are formed by more dense rocks.

The objective of gravity exploration is to deduce the variations in geologic conditions that produce the gravity anomalies identified during a gravity survey.

A1.2 INSTRUMENTS

The sensing element of a LaCoste and Romberg gravimeter is a mass suspended by a zero-length spring. Deflections of the mass from a null position are proportional to changes in gravitational attraction. These instruments are sealed and compensated for atmospheric pressure changes. They are maintained at a constant temperature by an internal heater element and thermostat. The absolute value of gravity is not measured directly by a gravimeter. It measures relative values of gravity between one point and the next. Gravitational differences as small as 0.01 milligal can be measured.

A1.3 FIELD PROCEDURES

The gravimeter readings were calibrated in terms of absolute gravity by taking readings twice daily at nearby USGS gravity base stations. Gravimeter readings fluctuate because of small time-related deviations due to the effect of earth tides and instrument drift. Field readings were corrected to account for these deviations. The magnitude of the tidal correction was calculated using an equation suggested by Goguel (1954):

$$C = P + N \cos \phi (\cos \phi + \sin \phi) + S \cos \phi (\cos \phi - \sin \phi)$$

where C is the tidal correction factor, P, N, and S are time-related variables, and ϕ is the latitude of the observation point. Tables giving the values of P, N, and S are published annually by the European Association of Exploration Geophysicists.

The meter drift correction was based on readings taken at a designated base station at the start and end of each day. Any difference between these two readings after they were corrected for tidal effects was considered to have been the result of instrumental drift. It was assumed that this drift occurred at a uniform rate between the two readings. Corrections for drift were typically only a few hundredths of a milligal. Readings corrected for tidal effects and instrumental drift represented the observed gravity at each station. The observed gravity values represent the total gravitational pull of the entire earth at the measurement stations.

A1.4 DATA REDUCTION

Several corrections or reductions are made to the observed gravity to isolate the portion of the gravitational pull which is due to the crustal and near-surface materials. The gravity remaining after these reductions is called the "Bouguer Anomaly." Bouguer Anomaly values are the basis for geologic interpretation. To obtain the Bouguer Anomaly, the observed gravity is adjusted to the value it would have had if it had been measured at the geoid, a theoretically defined surface which approximates the surface of mean sea level. The difference between the "adjusted" observed gravity and the gravity at the geoid calculated for a theoretically homogeneous earth is the Bouguer Anomaly.

Four separate reductions, to account for four geometrical effects, are made to the observed gravity at each station to arrive at its Bouguer Anomaly value.

a. Free-Air Effect: Gravitational attraction varies inversely as the square of the distance from the center of the earth. Thus corrections must be applied for elevation. Observed gravity levels are corrected for elevation using the normal vertical gradient of:

$$FA = -0.09406 \text{ mg/ft} \quad (-0.3086 \text{ milligals/meter})$$

where FA is the free-air effect (the rate of change of gravity with distance from the center of the earth). The free-air correction is positive in sign since the correction is opposite the effect.

b. Bouguer Effect: Like the free-air effect, the Bouguer effect is a function of the elevation of the station, but it considers the influence of a slab of earth materials between the observation point on the surface of the earth and the corresponding point on the geoid (sea level). Normal practice, which is to assume that the density of the slab is 2.67 grams per cubic centimeter was followed in these studies. The Bouguer correction (B_C), which is opposite in sign to the free-air correction, was defined according to the following formula.

$$B_C = 0.01276 (2.67) h_f \text{ (milligals per foot)}$$

$$B_C = 0.04185 (2.67) h_m \text{ (milligals per meter)}$$

where h_f is the height above sea level in feet and h_m is the height in meters.

c. Latitude Effect: Points at different latitudes will have different "gravities" for two reasons. The earth (and the geoid) is spheroidal, or flattened at the poles. Since points at higher latitudes are closer to the center of the earth than points near the equator, the gravity at the higher latitudes is larger. As the earth spins, the centrifugal acceleration causes a slight decrease in gravity. At the higher latitudes where the earth's radii are smaller, the centrifugal acceleration diminishes. The gravity formula for the Geodetic Reference System, 1967, gives the theoretical value of gravity at the geoid as a function of latitude. It is:

$g = 978.0381 (1 + 0.0053204 \sin^2 \phi - 0.0000058 \sin^2 2\phi)$ gals

where g is the theoretical acceleration of gravity and ϕ is the latitude in degrees. The positive term accounts for the spheroidal shape of the earth. The negative term adjusts for the centrifugal acceleration.

The previous two corrections (free air and Bouguer) have adjusted the observed gravity to the value it would have had at the geoid (sea level). The theoretical value at the geoid for the latitude of the station is then subtracted from the adjusted observed gravity. The remainder is called the Simple Bouguer Anomaly (SBA). Most of this gravity represents the effect of material beneath the station, but part of it may be due to irregularities in terrain (upper part of the Bouguer slab) away from the station.

d. Terrain Effect: Topographic relief around the station has a negative effect on the gravitational force at the station. A nearby hill has upward gravitational pull and a nearby valley contributes less downward attraction than a nearby material would have. Therefore, the corrections are always positive. Corrections are made to the SBA when the terrain effects were 0.1 milligal or larger. Terrain corrected Bouguer values are called the Complete Bouguer Anomaly (CBA). When the CBA is obtained, the reduction of gravity at individual measurement points (stations) is complete.

A1.5 INTERPRETATION

The first step in interpretation is to separate the portion of the CBA that might be caused by the lightweight, basin-fill material overlying the heavier bedrock material which forms the surrounding mountains and presumably the basin floor. Since the valley-fill sediments are absent at the stations read in the mountains, the CBA values at these bedrock stations are used as the basis for constructing a regional field over the valley. A regional field is an estimation of the values the CBA would have had if the light weight sediments (the anomaly) had not been there.

The difference between the CBA and the regional field is called the "residual" field or residual anomaly. The residual field is the interpreter's estimation of the gravitational effect of the geologic anomaly. The zero value of the residual anomaly is not exactly at the rock outcrop line but at some

distance on the "rock" side of the contact. The reason for this is found in the explanation of the terrain effect. There is a component of gravitational attraction from material which is not directly beneath a point.

If the "regional" is well chosen, the magnitude of the residual anomaly is a function of the thickness of the anomalous (fill) material and the density contrast. The density contrast is the difference in density between the alluvial and bedrock material. If this contrast were known, an accurate calculation of the thickness could be made. In most cases, the densities are not well known and they also vary within the study area. In these cases, it is necessary to use typical densities for materials similar to those in the study area.

If the selected average density contrast is smaller than the actual density contrast, the computed depth to bedrock will be greater than the actual depth and vice-versa. The computed depth is inversely proportional to the density contrast. A ten percent error in density contrast produces a ten percent error in computed depth. An iterative computer program is used to calculate a subsurface model which will yield a gravitational field to match (approximately) the residual gravity anomaly.

FN-TR-33-DL

APPENDIX A2.0

LISTS OF GRAVITY DATA

DRY LAKE VALLEY GRAVITY STATIONS

STATION IDENT.	LAT. DEG MIN	LONG. DEG MIN	ELEV. +CODE	NORTH TN/UTM	EAST UTM	URSV GRAV	THEC GRAV	FAA GRAV	CBA
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DL1	+38 757	+114 5234	5377Y	0	127422193	68049148289200331	98562	80349
DL2	+38 771	+114 5117	5225Y	0	107422204	68020149343200338	98179	80465
DL3	+38 793	+114 501551	551591T	0	103422249	68966149801200370	97983	80490
DL4	+38 833	+114 490751	5509T	0	114422323	68993149894200428	97943	80493
DL5	+38 808	+114 4852	5634Y	0	104422282	69206147022200391	99654	80536
DL6	+38 807	+114 4744	5279R	0	111422284	69364149231200390	98522	8062R
DL7	+38 798	+114 4630	5342R	0	111422271	69530148685200377	98583	80477
DL8	+38 751	+114 4555	5548Y	0	114422189	69715147527200308	99434	80525
DL9	+38 861	+114 4550	5605Y	0	115422391	69645146910200469	99757	80551
DL10	+38 880	+114 4652	5600C	0	112422421	69465147333200497	99540	80552
DL11	+38 892	+114 4773	5584Y	0	111422440	69317147360200515	99394	80465
DL12	+38 899	+114 4888	5251C	0	106422449	69135149690200525	98584	80780
DL13	+38 914	+114 4995	51860T	0	133422473	68986149923200547	98182	80627
DL14	+38 869	+114 45118	5304Y	0	110422386	68614148775200480	98212	80231
DL15	+38 848	+114 45199	5305C	0	110422344	68697149051200450	99260	81027
DL16	+38 929	+114 45195	5438Y	0	122422494	68699146263200569	98673	80447
DL17	+38 955	+114 45116	5354Y	0	126422545	68814148625200607	98406	80271
DL18	+38 939	+114 4934	5565Y	0	152422521	69086147274200584	99253	80423
DL19	+38 966	+114 4637	5409Y	0	94422575	69221148317200623	99165	80600
DL20	+38 944	+114 4669	5826Y	0	131422540	6946714593120059110172	80432	
DL21	+38 986	+114 4558	5934Y	0	174422547	69624145194200594100454	80390	
DL22	+38 991	+114 4572	5847Y	0	119422630	69567145911200659100281	80457	
DL23	+38 1024	+114 4658	5628Y	0	97422688	69480147027200708	99287	80188
DL24	+38 1013	+114 4652	5449Y	0	124422664	69343148410200691	99001	80544
DL25	+38 1030	+114 49876	5632Y	0	112422699	69161146677200723	99159	80108
DL26	+38 1003	+114 4982	5225Y	0	129422638	69007149752200677	98249	80557
DL27	+38 1011	+114 45128	5424Y	0	123422648	68794148377200669	98735	80359
DL28	+38 1012	+114 45223	5560Y	0	137422647	68655147812200690	99637	80743
DL29	+38 104	+114 45069	5445Y	0	128422622	68676148538200625	98958	80514
DL31	+38 1090	+114 4957	5271Y	0	126422600	690461490145200695	97618	79960
DL32	+38 1074	+114 4762	5697Y	0	114422777	69325146461200781	99297	79201
DL33	+38 1084	+114 4672	5534Y	0	101422799	69456147830200795	99147	80573
DL34	+38 1079	+114 4570	5711Y	0	104422793	6962614721020078100171	80796	
DL36	+38 55	+114 5100	5153Y	0	158420681	68676149919149290	99124	81707
DL38	+38 80	+114 5084	5103C	0	113420928	68896149925199327	99188	81691
DL39	+38 71	+114 5052	5070C	0	160420912	6893515052661499313	98949	81748
DL40	+38 63	+114 5033	5043C	0	124420698	68973150501199302	98654	81533
DL41	+38 55	+114 5000	5030C	0	116420684	69013150512199290	98277	81339
DL42	+38 46	+114 4980	4962C	0	113420868	69052150466199277	98265	81475
DL43	+38 38	+114 4954	4962C	0	108420698	69090151582199265	98638	81456
DL44	+38 30	+114 4928	4925C	0	105420646	69126151714199253	98510	82117
DL45	+38 21	+114 4902	4952C	0	108420625	69167152018199240	98498	82135
DL46	+38 13	+114 4870	4848C	0	111420611	6920215109719928	93293	81464
DL47	+38 8	+114 4850	4842C	0	103420795	69244151047199216	94000	81588
DL48	+38 63	+114 4883	4874Y	0	104420903	69193151045199302	98412	81493
DL49	+38 125	+114 4937	4942C	0	98421016	69111151058199392	94502	81744
DL50	+38 134	+114 5032	5134Y	0	99421024	68972150501099405	98960	81540
DL51	+38 169	+114 5104	5192Y	0	113421091	6895815050159199466	99465	81700
DL52	+38 211	+114 5229	5257C	0	119421165	68880149577199518	99534	81723
DL53	+38 205	+114 5190	5229C	0	115421155	68726149828199594	99520	81610
DL54	+38 203	+114 5166	5203Y	0	119421152	68776150501099506	99510	81413
DL55	+38 215	+114 5171	5178C	0	106421175	688091505014199523	99552	81497
DL56	+38 219	+114 5114	5147C	0	121421184	688461505010199530	94410	81495
DL57	+38 225	+114 5088	5122C	0	122421195	68880150501099534	99274	81715
DL58	+38	+114 5114	5100C	0	116421160	68816150501099535	99274	81715

STATION IDENT.	LAT. DEG MIN	LONG. DEG MIN	ELEV. +CODE	TER-COR. TN/DUT	NORTH UTM	EAST UTM	URSV GRAV	THEL GRAV	CAD	CBA
									TN/DUT	UTM

DL59	+38 237	+1145034	50728	0	98421220	68964150581199558	98758	81556		
DL60	+38 243	+1145007	50508	0	95421232	69004150046199565	93607	81478		
DL61	+38 249	+1144979	50266	0	96421244	69044150076199573	92403	81356		
DL62	+38 257	+1144942	50029	0	92421260	69098150725199585	93214	81245		
DL63	+38 195	+1145003	50508	0	100421143	69012150607109495	98638	81514		
DL64	+38 214	+1144697	49578	0	93421182	69166151136199523	98264	81450		
DL65	+38 166	+1144857	49129	0	99421094	69220151595199452	98370	81715		
DL66	+38 113	+1144796	48858	0	99420998	69318151073199375	97070	81106		
DL67	+38 23	+1144780	48468	0	96420833	69345150793199243	97155	80723		
DL68	+38 9	+1144672	48348	0	97420610	69504150257199223	96527	80137		
DL69	+38 90	+1144719	48658	0	97420959	69432150340199341	96783	80287		
DL70	+38 1	+1144558	48238	0	107420800	69671150326199211	96504	80161		
DL71	+38 21	+1144567	48288	0	110420836	69657150394199240	96590	80233		
DL72	+38 42	+1144577	48368	0	106420875	69642150444199271	96664	80296		
DL73	+38 62	+1144587	48428	0	103420911	69626150454199300	96721	80310		
DL74	+38 83	+1144597	48478	0	104420950	69610150463199330	96747	80319		
DL75	+38 103	+1144607	48558	0	104420987	69595150422199366	96752	80297		
DL76	+38 124	+1144617	48678	0	107421025	69579150336199391	96749	80256		
DL77	+38 144	+1144626	48788	0	106421062	69562150243199420	96730	80144		
DL78	+38 163	+1144643	48878	0	109421096	69540150164199448	96708	80140		
DL79	+38 181	+1144657	48978	0	122421129	69515150116199474	96728	80127		
DL80	+38 200	+1144672	49048	0	99421164	69496150098199502	96748	80120		
DL81	+38 219	+1144698	49110	0	95421198	69474150104199530	96791	80130		
DL82	+38 237	+1144705	49228	0	96421231	69446150154199550	96918	80227		
DL83	+38 256	+1144719	49308	0	96421266	69424150138199584	97001	80282		
DL84	+38 275	+1144732	49378	0	94421300	69404150210199612	97060	80316		
DL85	+38 294	+1144747	49458	0	95421335	69382150259199639	97157	80380		
DL86	+38 313	+1144760	49578	0	92421370	69362150374199667	97293	80473		
DL87	+38 334	+1144771	49668	0	90421408	69345150356199698	97387	80541		
DL88	+38 355	+1144782	49720	0	91421447	69329150421199724	97480	80613		
DL89	+38 330	+1144821	49688	0	90421399	69272150588199692	97549	80795		
DL90	+38 315	+1144845	49668	0	91421370	69236150705199670	97770	80423		
DL91	+38 297	+1144877	49588	0	94421356	69191151009199644	96620	81264		
DL92	+38 284	+1144900	49728	0	92421311	69153151054199625	96201	81333		
DL93	+38 270	+1144922	49890	0	93421284	69127150064199614	96212	81289		
DL94	+38 174	+1146758	49618	0	94421113	69371150068199464	97317	80693		
DL95	+38 251	+1146814	49378	0	94421253	69260150746199517	97582	80937		
DL96	+38 93	+1146521	49448	0	114420971	69721150510199345	96757	81550		
DL97	+38 164	+1146525	49598	0	115421102	69712150452199449	966024	80333		
DL98	+38 239	+1146598	49008	0	104421239	69690150095199559	96848	80644		
DL99	+38 308	+1146657	49358	0	102421364	69513150046199661	96632	80102		
DL100	+38 349	+1146561	49780	0	113421443	6946511149061199720	96398	80122		
DL101	+38 365	+1146756	49528	0	97421466	693651150428199743	97308	80515		
DL102	+38 374	+1146730	49718	0	96421493	69425150174199756	97214	80341		
DL103	+38 345	+1146702	49670	0	94421505	6924461500493199713	97168	80225		
DL104	+38 396	+1146842	49708	0	101421526	69272150029199788	97115	80128		
DL105	+38 406	+1146861	49828	0	100421545	69503149944199803	97026	80134		
DL106	+38 419	+1146838	49948	0	106421570	69540149821199822	96997	80170		
DL107	+38 432	+1146611	50093	0	104421595	69574147711199841	97010	80134		
DL108	+38 419	+1146584	50238	0	101421520	69613149614199866	97116	80223		
DL109	+38 455	+1146558	50378	0	113421639	69651149541199875	97089	80128		
DL110	+38 467	+1146532	50051	0	114421662	69688149437199892	97262	80145		
DL111	+38 481	+1146503	51420	0	123421689	69729149464199413	97475	80228		
DL112	+38 379	+1146702	49923	0	91421491	69312150485199764	97617	80176		
DL113	+38 391	+1146813	49868	0	92421514	69281150570199786	97726	80405		
DL114	+38 413	+1146830	50028	0	92421552	692551500691199813	97160	80427		
DL115	+38 423	+1146834	50018	0	93421550	692551500691199813	97170	80427		

DRY LAKE VALLEY GRAVITY STATIONS

STATION IDENT.	LAT. DEG MIN +CODE	LONG. DEG MIN +CODE	NORTH IN/OUT	ELEV. UTM GRAV	FAST UTM GRAV	DA3V GRAV	THEP GRAV	FAA GRAV	FRW +1000
DL116	+38 448+1144864	5020S	0	91421616 69204150015199865	97993	80962			
DL117	+38 468+1144876	5027S	0	94421652 69185150481199894	97896	80845			
DL118	+38 488+1144883	5033S	0	92421689 69174150286199923	97724	80655			
DL119	+38 510+1144893	5041S	0	90421729 69159150142199955	97628	80524			
DL120	+38 528+1144911	5051S	0	90421762 69132150049199982	97502	80465			
DL121	+38 548+1144918	5060S	0	91421799 69121149979200011	97588	80421			
DL122	+38 568+1144932	5063S	0	95421835 69099149920200040	97528	80354			
DL123	+38 586+1144947	5075S	0	92421668 69077149851200060	97546	80329			
DL124	+38 607+1144957	5090S	0	92421907 69061149870200098	97576	80407			
DL125	+38 629+1144962	5101S	0	94421947 69053149922200130	97798	80494			
DL126	+38 700+1145232	5300Y	0	125422669 68655149396200234	99542	81091			
DL127	+38 676+1145134	5160Y	0	106422628 68799149778200196	98141	80648			
DL128	+38 603+1145241	5243Y	0	125421890 68646150020200091	99272	81514			
DL129	+38 601+1145151	5170Y	0	103421889 68778150065200088	98635	81104			
DL130	+38 537+1145168	5174Y	0	120421770 687501502571999495	98946	81421			
DL131	+38 473+1145212	5278Y	0	116421650 68694149893199902	99564	81774			
DL132	+38 504+1145112	5124Y	0	133421711 68839150577199947	98653	81509			
DL133	+38 443+1145141	5732Y	0	242421597 68799146975199857101065	91757				
DL134	+38 415+1145212	5297Y	0	120421543 68696149921199816	92956	82029			
DL135	+38 342+1145223	5248Y	0	126421407 68683150165199709	99846	82072			
DL136	+38 263+1145191	5168Y	0	124421262 68734150350199594	99563	81499			
DL137	+38 310+1145107	5120S	0	125421352 68654150770199663	99292	81454			
DL138	+38 325+1145018	5038C	0	101421383 68484150452199684	98681	81598			
DL139	+38 350+1144910	4985S	0	93421433 69141151038199721	98231	81321			
DL140	+38 420+1144943	5008Y	0	97421561 69090151205199823	98511	81527			
DL141	+38 444+1145021	5032C	0	112421503 68973151110199859	98607	81556			
DL142	+38 495+1144956	5037S	0	97421599 69067150666199934	98136	81053			
DL143	+38 531+1145026	5070S	0	98421764 68963150334199986	98062	80860			
DL144	+38 619+1145034	5087U	0	106421926 68948150251200115	98010	80766			
DL145	+38 716+114505751401T		0	105422105 68910149637200257	97953	80527			
DL146	+38 685+1145003	5113Y	0	102422049 68990150026200212	97934	80597			
DL147	+38 738+1144907	5191Y	0	94422151 69126149726200289	98264	80673			
DL148	+38 575+1144812	5058S	0	94921652 69273149741200051	97291	80134			
DL150	+38 494+1144769	5018S	0	97421704 69341149750199432	97043	80025			
DL151	+38 445+1144720	4993S	0	97421615 69415149801199860	96936	79997			
DL152	+38 517+1144764	5057C	0	98421750 69493149377199966	97003	79353			
DL153	+38 597+1144702	50926	0	101421897 69434149325200683	97164	79697			
DL154	+38 675+114487551601T		0	102422042 69470149210200197	97742	80197			
DL155	+38 735+1144863	5248S	0	104422153 6948514917200284	98277	80482			
DL156	+38 721+1144766	5171Y	0	106422124 69344149720200264	98121	80590			
DL157	+38 658+114478351101T		0	96422007 69313149705200172	97674	80326			
DL158	+38 692+1144856152529T		0	108422076 696301493149200222	94551	80725			
DL159	+38 606+1144802	5167S	0	101421917 69595149195200096	97727	80269			
DL160	+38 526+1144855	5115C	0	106421771 69553149352103979	97511	80171			
DL161	+374502+1143092	5532S	0	137418059 71610146307197022101492	92737				
DL163	+374574+1143720	5485S	0	123418191 70956146314147127101039	92424				
DL165	+374617+1143638	5495Y	0	149418273 71483146747197189111274	92661				
DL166	+374679+1143674	5416Y	0	164418387 7102814712197280101400	83044				
DL167	+374677+1143571	5558Y	0	152418387 71179146154197277101184	82381				
DL168	+374665+1143445	5752S	0	165418370 71364145519147259102377	82931				
DL169	+374590+1143417	6071S	0	220418232 71469113454137150103443	82437				
DL170	+374517+1143430	5962S	0	176418696 71385143754147144102020	82670				
DL171	+374740+1143458	5784Y	0	154418506 71342145463197369102533	82952				
DL172	+374745+1143518	5722Y	0	142418515 7125145725197370102205	82652				
DL174	+374782+1143562	5641S	0	155418581 71187145531197430101491	82476				
DL176	+374786+1143275	5567S	0	176418000 71005147191197436101493	82677				
DL178	+374771+1143227	5632	0	176418660 712214554137150103443	82666				

FN-TR-33-DL DRY LAKE VALLEY GRAVITY STATIONS

A2-4

STATION	LAT.	LONG.	ELEV.	TER-CUR.	NORTH	FAST	OSRV	THEC	RAA	CBA
IDENT.	DEG MIN SEC	DEG MIN SEC	+CODE	IN/OUT	UTM	UTM	GRAV	GRAV		+1000
DL179	+374819+1143351	56578	0	193418056	71495146298197484102055	62953				
DL180	+374823+1143422	57038	0	178418633	71391145024197490102379	62892				
DL181	+374830+1143174	54338	0	184418778	71752146531197573100090	81743				
DL182	+374901+1143356	5918Y	0	235418809	71484144706197604102797	82844				
DL183	+374899+1143476	5947Y	0	211418801	71308144286197601102657	62535				
DL184	+374860+1143578	5831Y	0	184418725	71160144955197544102290	62537				
DL187	+374939+1143289	5787Y	0	284418882	71580145474197554102284	62825				
DL190	+374983+1143524	62288	0	290418955	71233142548197723103728	62176				
DL191	+375013+1143046	60678	0	254419006	7105314402197757113338	82902				
DL193	+375062+1143555	64738	34	346419100	71184141449197634104535	82838				
DL199	+375099+1143712	5904Y	0	297419162	70952145118197893102792	62952				
DL200	+375114+1143734	5827Y	0	297419189	70919145040197915102572	82995				
DL202	+375214+1143616	65138	0	504419378	71087141131198061104372	82062				
DL205	+38 9+1140375	48308	0	127420821	69939150244199223	96477	60130			
DL206	+38 48+1140470	48308	0	117420090	69793150415199280	94591	80234			
DL207	+38 78+114038046442T		0	144020448	69928150545199323	96812	80435			
DL208	+38 123+1140454	4801Y	0	128421229	69510150413199389	95770	60318			
DL209	+38 86+11404286	4940C	0	137420967	70065150258199335	97423	80711			
DL210	+38 41+11404177	5100Y	0	152420887	70227149988199270	93713	81470			
DL211	+38 19+1143951	5582Y	0	229420895	70559146621199238	99919	81109			
DL212	+38 57+1143794	6296Y	0	433420931	70787142858199293102797	81756				
DL213	+38 90+11403400	5758Y	0	275420988	70630145309199341100360	80996				
DL214	+38 108+11404005	5445Y	0	207421017	70476147618199367	99495	81131			
DL215	+38 81+11404000	5249Y	0	177420964	70352146954199328	99025	81299			
DL216	+38 81+1144200	50751	0	155420960	70192150049199328	98482	81326			
DL218	+38 148+11403827	6150Y	0	414421098	70130143127199426101583	81022				
DL219	+38 150+1143918	57348	0	262421098	70601145050199429101193	80598				
DL220	+38 169+11404090	5370Y	0	186421127	70348148590199456	94672	81542			
DL221	+38 169+11404200	5098Y	0	212421123	70187150227199456	95750	81575			
DL222	+38 167+11404310	4881Y	0	170421115	70027150016199454	97047	80619			
DL223	+38 172+114038848871T		0	133421122	69912150104199461	92694	80159			
DL225	+38 190+11404460	4969C	0	117421169	69506150029199501	92689	80677			
DL226	+38 260+1140396494591		0	129421284	69697149479199500	96936	80196			
DL227	+38 279+11404098	4947C	0	112421316	69747149500149617	95805	80051			
DL228	+38 237+11404273	4971Y	0	195421246	70071615000199556	97876	81197			
DL229	+38 218+11404127	5836Y	0	275421216	70298145598199526100995	81565				
DL230	+38 199+11404018550201		0	199421185	70452147604199501	92945	81376			
DL231	+38 213+11403936	5756Y	0	237421214	70572145028199521117286	80076				
DL232	+38 240+11403067	6008C	0	292421267	70671144122199560101168	80368				
DL234	+38 302+11403092	5975Y	0	240421380	7003214443132051101086	80943				
DL235	+38 289+11404000	5600Y	2	187421352	704751466009199532101446	81330				
DL236	+38 273+11404074	5715Y	0	163421320	70367146576199604101754	91421				
DL237	+38 276+11404181	5655Y	0	327421322	702101464660199613102569	81604				
DL238	+38 297+1140306	5024Y	0	177421356	70001150370199644	95008	81339			
DL239	+38 351+1140403562001		0	131421452	69582149854199723	97598	80367			
DL240	+38 399+11404475	5055C	0	111421539	69773149337199793	97317	80187			
DL241	+38 444+1140410510101		0	130421624	69568149770199859	97910	80641			
DL242	+38 416+1140307	56451Y	0	175421576	70020149386199818	99869	81452			
DL243	+38 350+1140242	5153Y	0	193421456	71118148374199721	9973	81367			
DL244	+38 395+1140159	6216Y	0	168421450	70239145330199714102126	81387				
DL245	+38 320+11403053	5826C	0	194421498	71541145020199706101745	81368				
DL246	+38 360+1140023	5753Y	0	159421494	70437146313199725110327	81132				
DL247	+38 377+1140081	5860Y	0	163421512	70352145358199761101026	81100				
DL248	+38 420+1140123	5506C	9	142421500	70289147469141023	99451	81124			
DL249	+38 355+1140255	6014Y	8	253421480	72083143647199729101562	80912				
DL251	+38 408+1140267	5853C	0	173421574	7051714922199606100672	81137				
DL252	+38 377+1140016	5600Y	0	103421500	70446314637199725100326	81124				

STATION IDENT.	LAT. DEG MIN	LONG. DEG MIN	ELEV. M	TER. FOR. +CMDE	NORTH TR/OUT	EAST UTM	WRSV UTM	TIDE UTM	FAD GRAV	PFA GRAV	+1000

DL253	+38 412+1144195	6055Y	0	345421573	7018+14400194812101176						80869
DL254	+38 475+1144152	5405C	0	146421091	70244147824199904	99353	80859				
DL255	+38 497+1144228	5454Y	0	122421729	70132148358149937	99751	81271				
DL256	+38 491+1144333	5501Y	0	129421714	69978148152199427100004	81363					
DL257	+38 465+1143790	6443Y	0	305421086	70773142023199690102775	81105					
DL258	+38 448+1143900	6050Y	0	208421050	70613143952199865101028	80601					
DL259	+38 468+1143975	5855Y	0	173421684	70503144932199894100143	80346					
DL260	+38 515+1143875	6109Y	17	217421775	7064714356519963101563	80656					
DL261	+38 538+1144000	5748Y	0	154421813	70457145595199996	99696	80245				
DL262	+38 520+1144074	5589Y	0	134421777	70356146721199473	99351	80427				
DL263	+38 531+11440142	5463Y	0	133421795	70256147621199985	99049	80550				
DL265	+38 582+1143844	6343Y	0	281421900	70689142446200061102087	80734					
DL266	+38 575+1143929	5856Y	0	187421584	70565145167200051100231	80445					
DL269	+38 663+1143923	5892Y	0	174422047	70570144449200179	99723	79801				
DL270	+38 740+114382499911		0	184422193	70711144642200292100938	80638					
DL271	+38 730+114291858281T		0	150422171	70574145069200677	99642	79915				
DL272	+38 692+1144026	5604Y	0	141422097	70416146056200222	98576	79603				
DL273	+38 664+11439056660T		0	149422046	70472145723200180	98666	79632				
DL274	+38 627+1144006255660T		0	135421475	70366146718200127	78921	80492				
DL275	+38 593+1144025	5628Y	0	145421914	70424145315200077	99204	90154				
DL276	+38 711+1144121	5622Y	0	121422128	7027814653200249	99214	80196				
DL278	+38 602+1144175540021		0	129421925	70204147917200096	98703	80394				
DL282	+38 564+1144274528601		0	136421651	70061149563200034	99295	81395				
DL285	+38 562+11440356	5258B	20	124421644	69941149754200031	99207	81418				
DL286	+38 546+11444382	5221B	0	153421814	69904149983200008	99110	81456				
DL287	+38 531+11440405	5190B	0	128421785	69871150032199986	98692	81116				
DL288	+38 516+11440435	5161B	0	122421756	69828149722199984	98529	80648				
DL289	+38 504+11440458	5140B	0	116421733	69795149613199947	98046	80625				
DL290	+38 492+11440482	5116B	0	116421710	69760149465199929	97663	80350				
DL291	+38 560+11440455	5171B	0	138421837	69797149462200029	98599	81100				
DL292	+38 613+11440291	5602Y	0	113421941	70034147047200106	99664	80670				
DL293	+38 628+11440381	5736Y	94	128421966	69902146579200128100435	81111					
DL294	+38 623+11440491	5250C	0	121421952	6974114962200121	95914	81129				
DL295	+38 705+114404335	59301	0	124422106	698221465948200241	99110	80540				
DL296	+38 710+1144032655230T		0	130422119	69987147465200248	99216	80604				
DL297	+38 687+1144023755000T		1	122422080	70110147256200214	98806	80170				
DL298	+37 38118+11440437	50638	157	260416767	69946144533196024102089	83089					
DL299	+37 37935+11440314	58458	81	262416725	70126143465195988102649	82896					
DL300	+37 38008+11440186	61478	106	355416757	70316141894146009103740	83235					
DL301	+37 38027+1144078	5229S	0	252416750	70475141455196001104081	83087					
DL302	+37 37784+1144071	59059Y	0	171416709	70635143122195966102732	82703					
DL303	+37 37781+1144049	59238	0	166416714	70813143261195970103057	83021					
DL304	+37 38118+11440708	58748	0	164416700	708801431516196070103651	82542					
DL305	+37 39004+11440789	58248	0	159416949	700951431141961	101700	82070				
DL306	+37 38494+11440900	5920Y	0	164415943	70731143516196070103651	83193					
DL307	+37 38465+11440978	60728	0	190416855	706201425371050065103421	82901					
DL308	+37 3838+11440259	57073	0	204416810	70207144673196053102532	83071					
DL309	+37 3888+11440422	5928S	0	176416897	699651428946196127102526	83183					
DL310	+37 38694+11440343	5618S	0	208416864	7008214546196098102120	83256					
DL311	+37 3921+11440369	5180Y	0	166416960	70156143371050100923	83416					
DL312	+37 3959+11440406	5070Y	0	155416928	699821486714962310363	83226					
DL313	+37 3982+11440312	52028	0	150416704	70122148157196263103851	83103					
DL314	+37 3916+11440264	55948	0	210416954	70196145684196187101436	83067					
DL315	+37 3900+11440190	5890S	0	285416927	70306143554196144102845	83041					
DL316	+37 3884+11440077	5598S	0	570416902	70472138791196120114772	82836					
DL317	+37 3917+11440015	5904S	0	1031416965	70562138527196169105337	82820					
DL318	+37 3937+11440008	6012C	0	107412400	707714148371050100923	83066					

STATION	LAT.	LONG.	ELEV.	TER-PER.	NORTH	EAST	GRAV	THEC	F4A	CDA
IDENT.	DEG MIN	DEG MIN	4000E	TN/UTM	UTM	UTM	GRAV	GRAV		+1000
DL319	+373984	+1143763	5744Y	0	141417098	7093014316196266100960	81510			
DL320	+374000	+1143840	5801S	5	144417125	70807143175196290101482	81846			
DL321	+374020	+1143955	5902S	0	160417158	70646143052196319102281	82311			
DL322	+373993	+1144034	6207S	0	283417105	70531141568196280103729	82641			
DL323	+373962	+1144101	6376S	0	384417045	70434140518196234104306	82944			
DL324	+373994	+1144188	6352S	174	541417101	70304139947196280103492	82542			
DL325	+374036	+1144395	5418S	0	251417171	69998146562196342101211	82933			
DL326	+374059	+1144246	5278Y	0	172417219	70216147769196376101086	83256			
DL327	+374078	+1144160	5660S	0	223417257	70342145237196403102103	83022			
DL328	+374038	+1144066	6138S	0	293417187	70482141744196345103164	82527			
DL329	+374071	+1144364	5798S	0	135417256	70860143311196393101486	81845			
DL330	+374102	+11443930	5801Y	0	142417310	70679143407196438101566	81922			
DL331	+374166	+1143755	5725S	0	129417435	70933144332196531101682	82284			
DL332	+374180	+1143888	5778S	0	134417456	70737143709196452101537	81964			
DL333	+374110	+1144073	6026S	0	293417320	70468142512196450102779	82519			
DL334	+374114	+1144253	5221S	0	150417321	70203148182196455100663	83205			
DL335	+374095	+1144359	5559S	0	431417282	70048145581196428101472	82942			
DL336	+374169	+1144493	47731	0	121417414	698481449638196536	86281	62462		
DL337	+374175	+1144471	4800S	0	121417427	698801449962196546	86527	62270		
DL338	+374165	+1144447	4849Y	0	122417408	69916144985196537	86129	62512		
DL339	+374156	+1144422	48978Y	0	134417392	699531449469196517	99487	62415		
DL340	+374147	+1144397	4942Y	0	134417376	69990149744196504	99750	63028		
DL341	+374137	+1144374	4985Y	0	139417359	70024149492196489	99917	63054		
DL342	+374132	+1144345	5039S	0	138417351	70067149244196482100147	83112			
DL343	+374181	+1144278	5138S	0	138417444	7016514561219653100613	83227			
DL344	+374154	+1144161	5389Y	0	188417398	70537147158196514101548	83139			
DL345	+374202	+1145128	5551Y	0	178417488	70383146666196584101665	83110			
DL346	+374180	+1144653	6103S	0	395417450	7049414658196552102727	82306			
DL347	+374172	+1143999	5869S	0	172417437	70574143293196541102178	82264			
DL348	+374242	+1143798	5754Y	0	131417574	7066614258196542101665	82336			
DL349	+374242	+1143805	5710S	0	132417570	70724144516196642101614	82271			
DL350	+374256	+1144432	4842S	0	135417577	69934150253196563	98782	82539		
DL351	+374237	+1144376	4950S	0	141417544	7001714979196635	93614	83041		
DL352	+374226	+1144217	5662S	0	247417533	70251145555196622102138	83115			
DL353	+374265	+1146224	6014S	0	696417601	70239142751196676102077	82621			
DL354	+374265	+1144136	6298S	0	736417604	703651406823196676103423	82679			
DL355	+374251	+1144063	6001S	50	234417581	70476142674196655102696	82524			
DL356	+374256	+1143908	5970S	30	205417592	705761426682196663102327	82209			
DL357	+374301	+1143933	5798S	0	164417678	706651449126196725101206	82365			
DL358	+374307	+1143826	5777S	0	148417693	708221495668196736102114	82483			
DL359	+374381	+1143759	5649S	0	131417832	70917145667196645101761	82468			
DL360	+374473	+1143779	5456Y	0	126418102	70683146581196674102750	82271			
DL361	+374471	+1143832	5431Y	0	134417911	70807146636196634106817	82427			
DL362	+374370	+1143707	5677S	0	138417807	70697144941196629101554	82343			
DL363	+374498	+1143955	56901S	0	139417968	70025146656195957102412	83140			
DL364	+374415	+1143984	55605S	0	125417887	70585146660196695101460	82624			
DL365	+374325	+1143972	5700S	0	138417721	70607144937196763101819	82510			
DL366	+374325	+1144061	5990S	70	272417718	70476142660196763102498	82379			
DL367	+374374	+1144054	5785S	82	221417809	70484144592196635102693	82774			
DL368	+374402	+1146009	5937S	1	132417933	70415147172196934101408	82926			
DL369	+374491	+1144131	5966S	0	321418022	70365143191197005102536	82506			
DL370	+374401	+1144170	5219Y	0	156417654	70312148667196674100640	83179			
DL371	+374323	+1144168	6110S	0	174417719	70314142295196760103042	82676			
DL372	+374324	+1144267	5204S	0	150417708	70173148451196762160703	83190			
DL373	+374289	+1144314	5879S	156	634417642	70098143464196711102162	82628			
DL374	+374345	+1144399	4771Y	0	112417743	69993145589196792	94486	82100		
DL375	+374323	+1144111	5981S	0	130417941	70114142295196666100640	82771			

FN-TR-33-DL CRY LAKE VALLEY GRAVITY STATIONS

A2-7

STATION	LAT.	LONG.	ELEV.	TER-COR.	NORTH	FAST	GRSV	THEC	F14	F34
IDENT.	DEG	MIN	DEG	MIN	CODE	IN/OUT	UTM	HFS	GRAV	+/-0.1

DL376	+374345	+1144497	46098		0	112417739	69034150050196792	97232	81624
DL378	+374459	+1144440	46508		0	109417952	69401150970196959	97172	82021
DL379	+374437	+1144341	48558		2	129417915	70059150558196927	99322	82894
DL380	+374480	+1144255	55008		0	286417997	70184146464196990101238	82765	
DL381	+374401	+1144259	5025Y		0	168417851	70181149680196874100106	83135	
DL384	+373763	+1143716	57008		0	155418621	71009143382195944101084	81790	
DL385	+373871	+1143654	57288		0	161416993	71095142894196102100702	81327	
DL386	+374002	+1143625	5681Y		0	132417134	7104314340196292100011	81357	
DL387	+374007	+1143574	53558		0	151417148	71206145924196300100022	81914	
DL388	+373966	+1143488	52238		0	176417054	71335146738196231	99561	82022
DL389	+373904	+1143370	52508		0	132416965	71511146591196149	99651	82076
DL393	+373984	+1143357	54948		0	156417113	71527145176196266100019	82036	
DL394	+374027	+1143428	55770		0	155417190	71420144724196329106681	82014	
DL395	+374073	+1143516	56428		0	156417272	71289145390196396102094	83006	
DL396	+374108	+1143463	58438		0	186417339	71365143506196447102143	82406	
DL397	+374068	+1143634	55608		0	134417258	71115144907196388100646	82016	
DL398	+374083	+1143738	57038		0	128417282	70965143746196410101010	81687	
DL399	+374149	+1143681	56878		0	135417406	71042144410196507101436	82174	
DL400	+374148	+1143518	56678		0	147417407	71135144575196505101468	82226	
DL401	+374214	+1143698	57678		0	138417526	71041447746196602102419	82686	
DL402	+374267	+1143729	57848		0	135417623	70966144583196679102341	82749	
DL403	+374245	+1143620	56708		0	156417586	71127144492196647103092	83256	
DL404	+374236	+1143561	50558	12	198417572	71215143037196634103402	82960		
DL406	+374095	+1143373	58208		0	204417518	71496143767196428102135	82486	
DL411	+374157	+1143529	58368		0	179417427	71265143874196514102283	82557	
DL412	+374191	+1143032	58028		0	155417486	71112144032196568102054	82435	
DL413	+374332	+1143079	58838		0	174417745	71037144510196773103105	83210	
DL414	+374361	+1143605	58538		0	161417801	71144144408196616102678	82676	
DL415	+374410	+1143668	60398		0	264417889	71049143378196886103330	82997	
DL416	+374446	+1143587	58388		0	156417959	71166144437196940102443	82687	
DL417	+374491	+1143409	58658		0	163418046	71294143995197605102378	82466	
DL418	+374022	+1143521	51228		0	225417580	71265146507196876103251	82590	
DL422	+373729	+1144475	60028	111	366416002	69053142418195895103013	83014		
DL423	+373717	+1148137	58658		0	195416590	70377143557195677102678	83001	
DL424	+373724	+1144049	60268		0	179416507	70521142384195688103213	82631	
DL425	+375280	+1145500	58298		0	227419434	66314145235198157101938	82284	
DL426	+375257	+1145305	54228		0	172419398	666009147154198123100059	81736	
DL427	+375296	+1145382	60618		0	522419468	68495142715198180131569	81514	
DL428	+375345	+1145288	51138		0	142419561	66030119725198252	89594	
DL429	+375384	+1145302	57128		0	224419630	684761454956196309101415	82157	
DL430	+375401	+1145298	50948		0	161419065	6600131499960196334	99572	
DL431	+375324	+1145428	58358		0	270019516	68338145415196221102110	82479	
DL432	+375382	+1145477	59158		0	263419628	68352114772195306102138	82226	
DL433	+375436	+1145272	50818		0	116419730	686850150079198385	99501	
DL434	+375451	+1145298	51308		0	121419757	68610149761198407	99071	
DL435	+375456	+1145320	51758		0	118419769	68579149571198417	94856	
DL436	+375466	+1145344	51938		0	123419787	68453149575198432100015	82426	
DL437	+375477	+1145370	52248		0	144419803	68505149508198445100227	82555	
DL438	+375485	+1145396	52578		0	123419817	684661493691984457100388	82586	
DL439	+375487	+1145421	52998		0	144419619	684251149106198459100477	82547	
DL440	+375480	+1145450	53558		0	140419806	6838714668319449100031	82507	
DL441	+375483	+1145477	54218		0	153419616	68348148147198454100713	82376	
DL442	+375490	+1145503	54238		0	144419822	68309148101198464100075	82323	
DL443	+375518	+1145340	51428		0	125419880	68547150080198505	99471	
DL444	+375600	+1145321	52158		0	123420032	68571149492198625100229	82463	
DL445	+375560	+1145411	55368		0	125419992	68206147598198595101104	82347	
DL446	+375621	+1145447	52218		0	120419872	68221147598198595101104	82347	

EN-TR-33-DL DRY LAKE VALLEY GRAVITY STATIONS

A2-8

STATION	LAT.	LONG.	ELEV.	TER-CUR.	NORTH	EAST	DOWN	THEO	FAC	THA
IDENT.	DEG	MIN	DEG	MIN	+CODE	TN/UTM	UTM	GRAV	GRAV	+1700

DL453	+375312	+1145229	51730	50	115419502	68718149069198204100089	62611
DL454	+375295	+1145110	47960	0	104419475	68693151745198179	62562
DL455	+3753n3	+1145144	48770	0	108419599	68641151381198278	62474
DL456	+375303	+1145024	47540	0	95419493	69019151309198191	61736
DL457	+375350	+1144925	47205	0	87419583	69162151194198259	61342
DL458	+375262	+1144923	46755	0	88419420	69169151489198131	61496
DL459	+375313	+1144830	46475	0	88419517	69294150993198205	60520
DL460	+375260	+1144065	46245	0	90419425	69547149753198128	79459
DL461	+375308	+1146000	45360	0	95419516	69632149735198198	79444
DL462	+375310	+1144515	46530	0	110419523	69764149069198201	79513
DL463	+375388	+1145023	48110	0	95419650	69017150947198315	61594
DL464	+375426	+1145250	50385	1	116419712	68683150422198376	62596
DL465	+375419	+1145223	49938	0	116419700	68723150916198360	62631
DL466	+375415	+1145197	49630	0	111419696	68761151190198356	62536
DL467	+375432	+1145174	49548	0	111419726	68794151136198379	62593
DL468	+375447	+1145151	49398	0	108419755	68827151217198401	62497
DL469	+375464	+1145135	49530	0	108419787	68850151239198420	62646
DL470	+375464	+1145097	48948	0	110419788	68905151501198426	62562
DL471	+375455	+1145068	48605	0	103419772	68946151479198413	62330
DL472	+375452	+1145040	48365	0	105419768	68989151194198404	62897
DL473	+375446	+1145012	48120	0	98419757	69031151530198406	61941
DL474	+375445	+1145086	47645	0	95419758	69069151697198396	61494
DL475	+375441	+1144956	47585	0	92619750	69113151225198392	61474
DL476	+375438	+1144929	47425	0	94419745	69153151296198388	61445
DL477	+375435	+1144906	47280	0	89419741	69186151531198384	61482
DL478	+375431	+1144878	47115	0	86419734	69226151514198376	61291
DL479	+375428	+1144851	46975	0	86419730	69267151235198373	61132
DL480	+375424	+1144804	46765	0	89419723	69307151144198367	60962
DL481	+375422	+1144798	46640	0	89419720	69345151034198365	60562
DL482	+375419	+1144770	46558	0	90419716	69386150760198360	60307
DL483	+375414	+1144718	46480	0	94419708	69463151348198353	60756
DL484	+375409	+1144690	46455	0	95419700	69504150170198345	60500
DL485	+375407	+1144666	46448	0	93419697	69539149976198303	60337
DL486	+375404	+1144638	46428	0	95419693	69581149763198338	60186
DL487	+375399	+1144608	46490	0	96419684	69625149558198331	60081
DL488	+375396	+1144574	46505	0	102419680	69675149562198327	60495
DL489	+375394	+1144553	46498	0	102419677	69706149541198323	60468
DL490	+375392	+1144530	46492	0	104419674	69739149543198321	60473
DL491	+375386	+1144501	46489	0	113419664	69782149577198312	60016
DL492	+375378	+1144500	46480	0	110419649	69775149596198300	60039
DL493	+375345	+1144528	46405	0	106419657	697351494816198545	79416
DL494	+375461	+1144504	46301	0	98419600	69842149426198422	79081
DL495	+375266	+1144762	46215	0	88419433	6940515103198137	79513
DL496	+375286	+1144756	46235	0	89419474	69414151213198137	79550
DL497	+375307	+1144749	46255	0	89419600	69426149425198147	79553
DL498	+375329	+1144745	46305	0	89419650	694301508292198224	79155
DL499	+375350	+1144736	46315	0	90419589	69439150315198259	79065
DL500	+375372	+1144730	46303	0	91419630	69447150336198291	79471
DL501	+375392	+1144720	46458	0	90419567	69455150344198321	79484
DL502	+375440	+1144705	46325	1	92419745	69481150246198346	79470
DL503	+375453	+1144695	46545	1	91419781	69495150180198410	79280
DL504	+375473	+1144684	46585	1	94419619	69515150107198439	79110
DL505	+375493	+1144673	46605	0	96419656	69525150166198469	79650
DL506	+375512	+1144663	46695	1	93419692	69539150094198496	79015
DL507	+375531	+1144652	46705	1	94419427	69554149561198524	79570
DL508	+375553	+1144641	46795	0	96419960	69575142994198566	795371
DL509	+375612	+1144621	46870	1	97419930	69647150000198601	79177

FN-TR-33-DL DRY LAKE VALLEY GRAVITY STATIONS

A2-9

STATION IDENT.	LAT. DEG MIN	LONG. DEG MIN	ELEV. +000F	NORTH		EAST		UTM UTM	GRAV GRAV	THEC GRAV	PAZ +1360	CPA -----
				TN/OUT	UTM	UTM	GRAV					

DL510	+375593	+1144620	4690S	0	99420043	69599149791198615	95314	79417				
DL511	+375612	+1144610	4699S	0	98420078	69612149706198642	95287	79558				
DL512	+375633	+1144599	4705S	0	98420118	69628149649198673	95255	79305				
DL513	+375652	+1144589	4710S	0	99420153	69641149562198701	95187	79221				
DL514	+375672	+1144579	4715S	0	101420190	69655149534198730	95176	79196				
DL515	+375692	+1144568	4717S	0	103420228	69670149524198759	95161	79175				
DL516	+375711	+1144558	4720S	0	105420263	69684149509198787	95141	79148				
DL517	+375731	+1144547	4732S	0	103420301	69699149466198816	95182	79146				
DL518	+375752	+1144530	4742S	0	104420340	69715149415198847	95195	79125				
DL519	+375771	+1144520	4741S	0	106420375	69728149469198875	95191	79127				
DL520	+375791	+1144515	4745S	0	108420413	69744149469198904	95220	79144				
DL521	+375811	+1144505	4753S	0	109420450	69757149475198933	95272	79170				
DL522	+375912	+1144510	4785S	0	109420637	69737149893199080	95844	79632				
DL523	+375941	+1144530	4798S	0	107420690	69715150065199123	96095	79838				
DL524	+375968	+1144547	4810S	0	107420739	69689150205199163	96309	80010				
DL525	+375901	+1144502	4790S	0	104420615	69699149892199060	95906	79672				
DL527	+375918	+1144594	4801S	0	106420645	69622150157199090	96249	79974				
DL528	+375910	+1144568	4795S	0	102420631	69661150025199076	96073	79821				
DL529	+375927	+1144620	4800S	0	100420661	69584150237199102	96344	80059				
DL530	+375936	+1144646	4808S	0	102420676	69545150271199116	96403	80106				
DL531	+375945	+1144672	4813S	0	97420692	69507150275199129	96441	80126				
DL532	+375952	+1144696	4816S	0	97420704	69471150322199134	96500	80177				
DL533	+375961	+1144723	4822S	0	96420720	69431150307199152	96014	80264				
DL534	+375969	+1144748	4824S	0	102420734	69395150506199164	96758	80400				
DL535	+375979	+1144774	4831S	0	97420751	69356150745199179	97030	80650				
DL536	+375987	+1144799	4835S	0	103420765	69312151154199191	97356	80975				
DL537	+375996	+1144826	4839S	0	103420781	69279151370199204	97706	81310				
DL538	+375940	+1144679	4824S	0	105420676	6924151505199128	96082	81133				
DL539	+375932	+1144670	4815S	0	98420665	69364150597199110	96800	80476				
DL540	+375878	+1144673	4805S	0	103420661	69216151558199031	97746	81461				
DL541	+375846	+1144679	4785S	0	93420515	69355150528198984	96584	81354				
DL542	+375880	+1144688	4793S	0	95420571	69486150292199034	96365	81116				
DL543	+375820	+1144617	47710	0	96420463	69593149693198946	95846	79670				
DL544	+375795	+1144685	4762S	0	93420414	69494150144198909	96049	79901				
DL545	+375772	+1144677	4760S	0	92420360	69375150034198876	96404	80261				
DL546	+375801	+1144689	4762S	0	98420419	69225151371198919	97456	81249				
DL547	+375727	+1144679	4771S	0	96420282	69213151297198816	97386	81209				
DL548	+375724	+1144613	4733S	0	95420284	69559149682198806	95597	79550				
DL549	+375681	+1144775	4732S	0	92420200	693651502710198743	96494	80452				
DL550	+375642	+1144671	47290	0	98420125	69229151502198806	97320	81209				
DL551	+375636	+1144683	47110	0	93420120	69504150161198677	95018	79843				
DL552	+375609	+1144690	47110	0	92420066	69321151693198636	96790	81414				
DL553	+375586	+1144608	4711S	0	101420620	69177151597198604	97326	81301				
DL554	+375531	+1144657	46870	0	90419923	69401150031198524	96416	80580				
DL555	+375526	+1144686	47470	0	98419916	69215151407198516	97564	81462				
DL556	+375476	+1144674	4671S	0	91419824	69344151241198446	96790	81936				
DL557	+375502	+1144605	4738S	0	107419861	69038151404198481	97981	81758				
DL558	+375562	+1144993	4734S	0	136419973	69053151801198570	97782	81772				
DL559	+375621	+1144985	4758S	0	138420082	69063151015198655	97937	81546				
DL560	+375702	+1144989	48500	0	127420232	69093151400198773	98422	81477				
DL561	+375746	+1144985	48810	0	112420313	69057151512198836	98618	81873				
DL562	+375981	+1145030	50190	0	113420746	69481150487199181	98560	81532				
DL563	+375906	+1144977	49090	0	109420609	69062151194199072	98321	81686				
DL564	+375818	+1144974	48810	0	109420447	69064151506198943	98498	81459				
DL566	+375970	+1145152	53323	0	153420721	68789148944199166	99459	81426				
DL567	+375907	+1145093	50070	0	127420607	68597151395198675	99024	81887				
DL568	+375464	+1144624	47870	0	124420451	68732115616199111000	99114	81770				

EN-TR-33-DL DRY LAKE VALLEY GRAVITY STATIONS

A2-10

STATION	LAT.	LONG.	EL.FV.	TER-COR.	NORTH	EAST	GRAV	THEO	FAS	CIA
IDENT.	DEG MIN	DEG MIN	+CDE	IN/OUT	UTM	UTM	GRAV	GRAV		+1000

DL569	+375820+1145097	50840	0	120420446	68890150108198946	99008	81788			
DL570	+375778+1145189	52458	0	132420345	68757149356148885	99834	82976			
DL571	+375760+1145088	50500	0	115420336	68906150291148859	98959	81949			
DL572	+375704+1145097	54360	0	241420233	6896814791919877100302	82003				
DL573	+375722+1145231	52718	0	163420260	68898149196198603100001	82184				
DL574	+375686+1145132	52510	0	112420197	68845149034198756	94712	81704			
DL575	+375650+1145249	52108	11	124420127	68875149723198698100057	82422				
DL576	+375620+1145080	58120	228	563420077	68924145114198654101161	82169				
DL577	+375600+1145164	56950	0	287420037	68801145966149825116946	81403				
DL578	+375542+1145244	50788	0	130419927	68887150235198540	99485	82295			
DL579	+375529+1145196	52540	0	128419905	68757148439198521	99365	81453			
DL580	+375525+1145076	50790	0	132419901	68935149701198515	98925	81794			
DL582	+374570+1144778	45800	0	85418105	69412149334197121	95314	79783			
DL583	+374578+1144696	46010	0	88418168	69679149595197133	95762	80157			
DL584	+374616+1144698	45828	0	85418233	69527149513197188	95446	79943			
DL585	+374653+1144804	45790	0	85418298	69370149301197242	95151	79614			
DL586	+374590+1144661	45808	0	92418013	69293149458197019	95555	80020			
DL587	+374522+1144665	45803	0	91418054	69286149511197051	95561	80031			
DL588	+374543+1144670	45808	0	92418092	69279149541197081	95561	80032			
DL589	+374563+1144874	45818	0	90418129	69271149556197111	95556	80022			
DL590	+374585+1144879	45808	0	89418170	69263149616197143	95574	80142			
DL591	+374609+1144882	45808	0	89418214	69257149657197177	95581	80049			
DL592	+374627+1144889	45808	0	90418247	69246149721197204	95619	80063			
DL593	+374646+1144894	45808	0	89418286	69236149808197234	95675	80143			
DL594	+374669+1144898	45808	0	89418324	69231149868197265	95723	80191			
DL595	+374691+1144902	45808	0	89418345	69224149869197296	95693	80161			
DL596	+374712+1144917	45818	0	91418403	69202150171197328	95499	80455			
DL597	+374734+1144916	45815	0	91418444	69211150163197360	95414	80360			
DL598	+374755+1144904	45838	0	89418483	69219150157197391	95698	80354			
DL599	+374775+1144899	45838	0	88418520	69225150159197420	95669	80325			
DL600	+374797+1144893	45823	0	88418561	69235150147197452	95615	80275			
DL601	+374818+1144887	45838	0	87418600	69241150170197483	95321	81277			
DL602	+374841+1144881	45848	0	87418643	69219150205197510	95626	81261			
DL603	+374861+1144875	45858	0	87418686	69257150226197545	95634	80632			
DL604	+374883+1144864	45868	0	86418721	69265150208197577	95606	80645			
DL605	+374907+1144869	45868	0	87418765	69264150366197613	95911	80357			
DL606	+374933+1144858	45878	0	86418814	69281150235197651	95752	80193			
DL607	+374954+1144850	45875	0	86418855	69289150160197683	95645	80486			
DL608	+374976+1144844	45873	0	86418894	69297150236197713	95692	80133			
DL609	+374998+1144836	45898	0	87418935	69305150227197745	95668	80193			
DL610	+375019+1144832	45935	0	84418974	69313150285197776	95734	80152			
DL611	+375046+1144826	45968	0	84419024	69321150196197616	95633	80141			
DL612	+375068+1144820	45963	0	85419055	69328150094197646	95517	79426			
DL613	+375089+1144813	46018	0	85419104	69338149455197676	95376	79768			
DL614	+375111+1144804	46038	0	85419149	69343149915197910	95322	79706			
DL615	+375133+1144802	46058	0	85419186	69352149920197942	95314	79692			
DL616	+375157+1144794	46088	0	86419230	69363149946197977	95335	79714			
DL617	+375178+1144789	46118	0	86419264	69369149970198009	95364	79723			
DL618	+375200+1144783	46148	0	86419310	69377150055198041	95416	79765			
DL619	+375222+1144770	46178	0	86419351	69389150073198073	95450	79784			
DL620	+375246+1144769	46188	0	87419396	69395150121198100	95471	79508			
DL621	+375231+1144631	46268	0	100419376	69745149987198086	95436	79756			
DL622	+375204+1144605	46250	0	92419324	69638149717198046	95148	79483			
DL623	+375175+1144606	46140	0	87419269	69506149551198005	94966	79316			
DL624	+375003+1144750	45960	0	83418947	69434149439197752	94438	77345			
DL625	+37498941144682	45970	0	87418925	69583149433197736	94862	79371			
DL626	+37700461144692	46100	0	87418925	69583149433197736	94862	79371			

DRY LAKE VALLEY GRAVITY STATIONS

STATION IDENT.	LAT. DEG MIN +CODE	LNG. DEG MIN +CODE	ELFV. IN/OUT	TER-FIR. UTM	NORTH UTM	FAST UTM	GRAV	THEL GRAV	FDA	CIA
DL627	+375063+1144591	46068	0	90419064	69065149512197841	95317	79696	+1000		
DL628	+375080+1144702	46068	0	85419091	69501149379197865	94060	79236			
DL629	+375133+1144604	46130	0	90419193	69502149724197942	95194	79556			
DL630	+374946+1144789	45918	0	85418840	69379149572197670	95115	79541			
DL631	+374908+1144629	45918	0	87418776	69616149435197614	95024	79452			
DL632	+374914+1144522	46128	0	93418731	69776150201197623	95981	80343			
DL633	+374891+1144736	45930	0	84418740	69459149186197589	94820	79239			
DL634	+374827+1144792	45828	0	84418620	69386149387197496	95112	79460			
DL635	+374778+1144722	45628	0	84418532	69485149216197424	94906	79362			
DL636	+374760+1144813	45606	0	85418496	69352149427197396	95131	79594			
DL637	+374751+1144654	45848	0	86418484	69586149406197385	95158	79604			
DL638	+374829+1144637	45868	0	86418629	69607149400197498	95059	79503			
DL639	+374829+1144524	46058	0	92418633	69773150000197498	95838	80224			
DL640	+374747+1144565	46028	0	89418480	69717149617197379	95546	79239			
DL641	+374709+1144691	45608	0	88418579	69246149396197323	95674	80141			
DL642	+374706+1144683	45808	0	87418394	69281149542197320	95425	79691			
DL643	+374703+1144636	45608	0	85418380	69321149417197315	95206	79670			
DL644	+374701+1144604	45608	0	85418385	69301149305197310	95096	79561			
DL645	+374696+1144571	45808	0	84418378	69402149279197305	95076	79539			
DL646	+374693+1144755	45808	0	84418374	69446149316197300	95113	79576			
DL647	+374690+1144729	45808	0	85418369	69478149381197296	95147	79611			
DL648	+374687+1144762	45626	0	85418364	69516149396197291	95227	79584			
DL649	+374684+1144675	45633	0	85418360	69556149453197288	95295	79749			
DL650	+374681+1144646	45458	0	86418355	69598149514197283	95385	79835			
DL651	+374578+1144620	45908	0	86418351	69639149568197278	95485	79916			
DL652	+374674+1144593	45973	0	87418344	69679149627197273	95616	80124			
DL653	+374671+1144565	46058	0	88418360	69712149676197266	95746	80128			
DL654	+374668+1144539	46138	0	89418335	69756149771197264	95919	80274			
DL655	+374664+1144512	46338	0	90418328	69798149826197256	96164	80457			
DL656	+374548+1144491	46540	0	97418097	69100150213197089	96922	81146			
DL657	+374610+1144798	46281	0	94418268	69112150015197223	96946	81255			
DL658	+374727+1144368	46101	0	93818429	69126150776197350	96806	81177			
DL659	+374813+1144972	46160	0	92418588	69116151026197475	96491	81339			
DL660	+374899+1144983	46400	0	92418747	692097151492197601	97517	81784			
DL661	+374986+1144925	46020	0	92418907	69275151539197728	97684	81875			
DL662	+375072+1145007	46631	0	92419066	69954151728197553	97945	82065			
DL663	+375130+1145014	46911	0	94419173	69641151742197938	97450	82045			
DL664	+375215+1145018	47020	0	95419330	69932151539198063	97792	81826			
DL665	+375129+1144895	46653	0	87419305	69213151496198039	97521	81565			
DL666	+375130+1144910	46350	0	88819176	691851517496197936	97179	81454			
DL667	+375054+1144911	46220	0	87419054	69195151394197841	97649	81372			
DL668	+374978+1144910	46838	0	88418695	69200151192197716	96794	81162			
DL669	+374514+1145193	47008	0	1031818040	68951150520197040	98069	81937			
DL670	+374596+1145151	48330	0	109418170	6886315026197150	98357	81462			
DL671	+374639+1145051	46910	0	104418264	69008150903197221	97824	81932			
DL672	+374672+1145107	47048	0	108418323	68924150688197210	98281	82195			
DL673	+374683+1145219	50720	0	137419334	68759148525197286	99372	82210			
DL674	+374735+1145168	47658	0	126419437	68632150554197362	98435	82308			
DL675	+374782+1145217	48353	0	131419522	68756150232197430	98304	81944			
DL676	+374864+1145230	48910	0	131419674	68727150391197550	99670	82320			
DL677	+374800+1145092	47120	0	106418560	68941151240197456	98034	82103			
DL678	+374754+1145075	46790	0	108419475	68966151122197384	97826	81976			
DL679	+374885+1145060	46780	0	100418719	69014151295197580	97738	81663			
DL680	+374875+1145164	48050	5	110418696	68032150704197566	98358	82084			
DL682	+374953+1145104	47628	0	101418843	68917150780197680	97915	81775			
DL683	+374980+1145210	48958	0	109418899	68760150129197720	98497	81210			
DL684	+374940+1145116	47210	0	106419021	68072150130119777	97771	81227			

STATION IDENT.	LAT. DEG MIN DFG MIN	LONG. DEG MIN DFG MIN	ELEV. +CODE	NORTH TN/OUT	EAST UTM	UP/SDV	THFC	GRAV ITEM	GRAV	CRA
										+CODE
DL685	+375050+1145147	4817S	0	102419020	68550150550197821	98061	81733			
DL686	+375139+1145165	4848U	0	108419184	68819150729197452	98402	81975			
DL687	+375207+1145116	4802S	0	109419312	68588151221198651	98362	82093			
DL688	+375245+1145199	4910S	0	117419374	68765150765198106	98667	82237			
DL689	+375266+1144454	4823Y	0	116419444	68856150439198137	95609	80157			
DL690	+375250+1144534	4740C	0	116419419	70033150950198113	97450	81399			
DL691	+375319+1144407	4657C	0	120419544	69923150536198214	96148	80384			
DL692	+375319+1144474	4647C	0	113419063	69822149656196311	95077	79346			
DL693	+375385+1144445	4647C	0	120419057	69864149820198305	95248	79518			
DL694	+375381+1144445	4647C	0	125419649	69903150997198298	95579	79636			
DL695	+375376+114441940519T		0	123419055	69950150461198302	96226	80374			
DL696	+375379+1144387	4882C	0	124419058	69993150771198303	96793	80852			
DL697	+375380+1144357	4710C	0	128419059	7004515103198303	97364	81304			
DL698	+375380+114432247461T		0	128419025	70073151042198276	97576	81520			
DL699	+375361+1144303	4772C	0	127419577	70089151059198236	97890	81683			
DL700	+375335+1144293	4789Y	0	132419571	70129151013198232	98274	81919			
DL701	+375331+1144266	4834Y	0	138419557	70168150771198220	98411	81926			
DL702	+375323+1144240	4873Y	0	140419539	70205150481198205	98587	81945			
DL703	+375313+1144215	4921Y	0	147419526	70245150864198194	98681	81853			
DL704	+375305+1144186	4974Y	0	151419515	70283149629198185	98925	81941			
DL705	+375299+1144162	5020Y	0	160419503	70323149585198175	99173	82024			
DL706	+375292+1144135	5075Y	0	165419496	70361149435146163	99514	82195			
DL707	+375284+1144109	5126Y	0	175419472	70400149313198148	99887	82404			
DL708	+375274+1144083	5177Y	0	162419454	70430149236198134100226	82590				
DL709	+375264+1144063	5219Y	0	167419439	70468146964198121100394	82005				
DL710	+375255+1144037	5205C	0	240419496	70506147774198163101016	82326				
DL711	+375264+1143942	5402C	0	272419553	70757145713198205101991	82516				
DL712	+375313+1143936	5789Y	0	327419476	7086214475198143102540	82496				
DL713	+375270+1143768	5972Y	0	350419665	70859143913198291103100	82620				
DL714	+375372+1143767	6107Y	0	216419675	70578146852198305101156	82308				
DL715	+375381+1143958	5590Y	0	254419677	70693145446198305101785	82237				
DL716	+375381+1143880	5806Y	0	192419005	70322150175198255	99351	82333			
DL717	+375347+1144134	5040Y	0	197419710	70302150048198336	99354	82287			
DL720	+375404+1140146	5063Y	0	153019604	70194150052198289	98343	81658			
DL721	+375370+11400217	4890Y	0	215019780	70434148644198391100274	82590				
DL722	+375440+1140052	5315C	0	227419825	70602145247198423101084	82030				
DL723	+375462+1143939	5829Y	0	286419692	70781143047198473103078	82105				
DL725	+375496+1143816	6216Y	0	296419939	70630142808198513102405	81645				
DL726	+375523+1143916	6170Y	0	259420323	70675140565198815101662	82398				
DL735	+375730+1143881	5723Y	0	253420324	70569147081198618100591	81663				
DL736	+375732+1143953	5560C	0	314420412	70641144031198682102175	81823				
DL739	+375776+1143766	6059C	0	240420431	70679145401198904100935	81476				
DL740	+375794+1143676	5775Y	0	207420461	7049814781119842110103	81749				
DL741	+375807+1143899	5402Y	0	197419398	70350149324198680	99574	81363			
DL742	+375775+1144101	5220Y	0	621420507	70336144422198466100294	81555				
DL743	+375834+1144104	5879Y	0	181420593	70313149285129035	98613	81374			
DL744	+375881+1144125	5160Y	0	184420620	70433148137149057	99335	81414			
DL745	+375896+1144091	5308Y	0	229420663	705751406131490851000682	81265				
DL746	+375915+1143945	5584C	0	243420588	706171465051990251000113	81257				
DL747	+375874+114391655850T		0	247420751	7272214269149157101575	91269				
DL749	+375964+1143641	5970Y	0	125420799	70409148265199136	98789	80931			
DL750	+375991+1143896	5209	0	159420713	70281149378149130	98253	81014			
DL751	+375948+1144143	51018	0	142420798	70138149392199201	97409	80624			
DL752	+375994+1144239	4963Y	0	139420724	70139149352199142	97348	80525			
DL753	+375954+1144240	4962Y	0	131420636	700371490006199075	96404	79931			
DL754	+375906+1144511	4868Y	0	131420691	69919149432149112	96131	79840			
DL755	+375933+1144370	4815Y	0	121420771	69811146616100157	92022	78622			
DL756	+375946+1144341	4811C	0							

DRY LAKE VALLEY GRAVITY STATIONS

STATION	LAT.	LONG.	LEV.	TER-COR.	NORTH	EAST	DOWN	THEO	FAA	CHA
INVENT.	DEG	MIN	DEG	MIN	+CODE	TM	TM	GIAV	GIAV	+1000
DL757	+375891	+1144493	47778	-	0	109420598	69771149738199050	95644	79460	
DL758	+375876	+1144470	47720	-	0	111420575	69806149674199031	95551	79380	
DL759	+375853	+1144481	47648	-	0	109420529	69791149559198995	95398	79258	
DL760	+375831	+1144490	47565	-	0	109420488	69776149505198963	95301	79188	
DL761	+375859	+1144360	479891	-	0	127420544	69967149635199003	95794	79553	
DL762	+375864	+1144230	4961Y	-	0	142420558	70149149720199011	97397	80618	
DL763	+375805	+1144339	48031T	-	0	132420445	70001149654198924	96125	79875	
DL764	+375787	+1144422	47468	-	0	119420409	698860149553196898	95319	79250	
DL765	+375701	+1144429	47203	-	0	121420289	69859149457198773	95104	79126	
DL766	+375727	+1144333	347940T	-	0	133420301	70013150080198810	96386	80156	
DL767	+375789	+1144224	49868	-	0	150420419	70170149835198901	97657	81601	
DL768	+375727	+1144204	4963Y	-	0	170420306	70202150196198810	98281	81455	
DL769	+375653	+1144219	4909Y	-	0	186420168	70183150730198702	98226	81669	
DL770	+375648	+1144303	347641T	-	0	149420158	70060150769198695	96907	80607	
DL771	+375636	+1144302	4698Y	-	0	131420130	69931149717198677	95254	79552	
DL772	+375625	+1144481	4711Y	-	0	108420107	69001149329196661	95003	79043	
DL773	+375542	+1144420	46778	-	0	124419956	69844149578198540	95893	79225	
DL774	+375528	+1144331	46708	-	0	151419933	70016150289198526	95710	79941	
DL775	+375579	+1144276	47310T	-	0	177420629	70103151205198594	97133	81174	
DL776	+375491	+1144250	47549T	-	0	188419967	70139151422198468	97710	81676	
DL777	+375472	+1144481	46648	-	0	113419624	69808149441198438	96896	79131	
DL778	+375458	+1144374	46078	-	0	142419802	69965150258198417	95762	79466	
DL779	+375420	+1144303	347461T	-	0	138419734	70071151698198362	97390	81541	
DL780	+38	762	+1144385	5618Y	0	108422213	69090147406200324	99556	80562	
DL781	+38	761	+1144303	5775Y	0	126422214	70010146564200323190693	81122		
DL782	+38	771	+1144227	5627Y	0	124422236	701231406358200338	98979	79911	
DL783	+38	815	+1144274	5609Y	0	126422315	70050146385200402	99506	80235	
DL784	+38	807	+1144121	5856Y	0	148422695	69635145479200396100204	80379		
DL785	+38	8194	+1144091	5702Y	0	122422315	69733146537200408	99794	80468	
DL786	+38	873	+1144352	5747Y	10	122422420	69933146349200487	99947	80477	
DL787	+38	922	+1144445	5685Y	0	136422507	69795146689200559	99635	80381	
DL788	+38	755	+1144039	57128	0	128422213	70396145450200314	93694	79540	
DL789	+38	798	+1144114	57618	0	130422282	70274145386200371	99233	79714	
DL790	+38	794	+1143968	5702Y	0	146422288	704961456081200371	99138	80231	
DL793	+38	834	+1143876	5647Y	0	202422365	70527146112200436100712	80972		
DL795	+38	930	+1143983	6308Y	0	155422539	70476143380200576102142	80796		
DL800	+38	892	+1144276	5034Y	0	149422458	70043144713200515100464	80656		
DL801	+38	8022	+1144493	5749Y	0	117422921	69735146295200705	99697	81205	
DL803	+38	997	+1144400	6073Y	0	150422047	69657144794200666101284	81220		
DL804	+38	963	+1144323	5117Y	0	164422287	69971144706200619101000	80460		
DL805	+38	805	+1144263	6658Y	0	386422067	70057141123200680103109	80787		
DL811	+38	957	+1143793	6153Y	0	124422596	702461443532006809101466	80572		
DL819	+38	1068	+1144425	5953Y	0	125422178	69016145734200772104689	80610		
DL820	+38	1149	+1144424	6168Y	79	161422427	69794143796200691120457	80164		
DL826	+38	1215	+1144420	5872Y	0	125423046	69816145934200984100184	80281		
DL829	+375	534	+1143674	5509S	0	504419007	70956141423198244104443	82140		
DL839	+374	176	+1145261	5031Y	0	121417400	697191484482196546	99243	82205	
DL840	+374	174	+1145289	5073Y	0	127417396	698781482851466543	99485	82309	
DL841	+374	173	+1145315	5111Y	0	133417593	698401481681966541	99727	82428	
DL842	+374	175	+1145342	5157Y	0	144417376	698601479561966545	99445	82304	
DL843	+374	177	+1145365	5171Y	0	159417599	69568147568196646102170	82220		
DL844	+374	170	+1145305	5233Y	0	182417403	69522147756196552103403	82317		
DL845	+374	179	+1145423	5265Y	0	196417400	69481147759196551103789	83026		
DL846	+374	181	+1145454	5330Y	0	220417403	69435147516196553101125	83160		
DL847	+374	180	+1145482	5372Y	0	232417400	69394147332196552101332	83247		
DL848	+374	186	+1145504	5412Y	0	223417411	693541471231965561101497	83207		
DL849	+378	197	+1145521	5601Y	0	242417420	69423114693196552101332	83221		

STATION	LAT.	LONG.	ELFV.	TER-PDR.	NORTH	EAST	GRSV	THEI	FAW	CRA
IDENT.	DEG MIN DFG	MIN DFG	+CONE	TN/OUT	UTM	UTM	GRAV	GRAV		*1600

DL850	+374090+1145431	55045	0	167417236	68473146010196421151390	62784				
DL851	+374093+1145303	50559	0	145417245	68661148457196425	99606	62509			
DL855	+373952+1145313	51201	0	115416984	68652147895196220	99861	62513			
DL856	+373971+1145418	53108	0	143417016	68497146009196247100536	62500				
DL857	+373960+1145542	55998	0	196416992	68315145330196231101794	62893				
DL858	+373872+1145328	50501	0	118416536	6863314545196103	99622	62516			
DL859	+373891+1145439	52688	0	121416867	68469147850196130101309	63462				
DL860	+373936+1145665	56385	45	280416943	68135140348196196101215	62310				
DL861	+373820+1145273	49748	0	101416742	687161488571960027	98641	61971			
DL862	+373802+1145363	50591	0	105416705	68555147479196001	99650	61939			
DL863	+373857+1145489	52118	0	120416803	68397147808196081100769	63116				
DL864	+373779+1145498	51131	0	110416658	68387147635145967	99187	61858			
DL865	+373856+1145506	52688	0	101416797	68240146010196080100299	62472				
DL866	+373866+1145688	52474	0	186416613	68104147055196095100363	62553				
DL867	+373821+1145714	51555	0	141416729	68068147627196024	69713	62272			
DL868	+373880+1145791	52196	0	199416636	679521474249196115100433	62031				
DL869	+373820+1145624	50708	0	138416724	67906147779196027	99466	62312			
DL870	+373896+1145686	51028	0	209416862	67812147574196136100026	62629				
DL871	+373820+1145934	50588	0	123416720	67744147781960027	99362	62233			
DL874	+374043+1145577	60188	0	532417144	6826034235195552102723	62530				
DL878	+374221+1145343	53048	0	147417481	685971470231960012100329	62356				
DL881	+3743104+1145276	50129	0	150417648	68680149163196741	99470	62526			
DL882	+374313+1145376	53085	12	156417650	68544147624196746100433	62497				
DL883	+374373+1145265	4980	0	145417764	68705149277196634	99311	62470			
DL886	+374434+1145272	50348	0	132417677	68692149080196923	99533	82495			
DL887	+374430+1145330	51328	0	152417868	68607148504196916	99926	82574			
DL888	+374414+1145423	52944	0	207417835	68471147729196893100656	82600				
DL889	+374432+1145514	56145	0	197417065	68337146136196420102047	63096				
DL890	+374465+1145379	52028	0	164417931	685341460175196960160165	62587				
DL891	+374475+1145467	53991	0	228417983	68403147506197012101166	62920				
DL892	+373819+1144833	48040	0	102416755	68364148472196020	97664	61367			
DL893	+373907+1144634	47200	0	103416917	68358148702196154	97607	61012			
DL894	+373996+1144835	46680	0	101417082	68353148677196284	96523	80703			
DL895	+374083+1144634	46390	0	96817243	68751148975196410	66220	80434			
DL896	+374170+1144835	46170	0	93417404	68343149154196538	96067	80415			
DL897	+374193+1144834	46128	0	95417446	68340149203196571	96035	60400			
DL898	+374214+1144833	46090	0	93417485	68346149255196602	96008	60361			
DL899	+374235+1144832	46028	0	91417524	68347149258196632	95934	60352			
DL900	+374259+1144831	45960	0	94417568	68347149284196667	95865	60268			
DL901	+374289+1144828	45930	0	93417624	68351149289196711	95800	60260			
DL902	+374315+1144829	45908	0	94417072	68348149295196746	95742	60180			
DL903	+374347+1144829	45870	0	92417731	68347149315196795	95688	60135			
DL904	+374360+1144834	45869	0	93417772	68338149320196627	95651	60126			
DL905	+374391+1144839	45848	0	93417012	68330149359196654	95639	80097			
DL906	+374411+1144842	45848	0	92417849	68325149381196684	95631	80089			
DL907	+374432+1144848	45868	0	92417888	68315149414196920	95634	80091			
DL908	+374454+1144851	45818	0	93417924	68310149411196952	95576	80045			
DL909	+374476+1144856	45808	0	93417962	68301149430196984	95548	80020			
DL911	+374167+1144517	47358	0	111417409	68913149036196533	97863	61824			
DL912	+374169+1144548	46008	0	109417412	6876714945196536	97458	61607			
DL913	+374170+1144576	46468	0	108417413	68726149460196530	97105	61503			
DL914	+374170+1144602	46308	0	104417412	68686149711196530	96746	61563			
DL915	+374175+1144631	46158	0	102417411	68645149492196538	96380	60747			
DL916	+374170+1144665	46108	0	99417410	68595149235196534	96181	60467			
DL917	+374169+1144696	46078	0	97417407	68550149133196538	95475	60336			
DL918	+374171+1144723	46070	0	96317409	68510149191196539	95407	60290			
DL919	+374171+1144723	46070	0	96317409	68510149191196539	95407	60290			

STATION IDENT.	LAT. DEG MIN SEC	LONG. DEG MIN SEC	ELEV. FT	TER-COR. CODE	NORTH TN/OUT	FAST UTM	CRSV UTM	THEO GRAV	EXK GRAV	CFA +100
DL920	+374171+1144780	4609S	0	94417407	694201491181196539	95953	80327			
DL921	+374171+1144807	4612S	0	95417406	693801491341196539	95990	80352			
DL922	+374172+1144870	4628S	0	95417406	692451491571196541	96171	80481			
DL923	+374171+1144902	4644S	0	94417403	692471491541196539	96319	80574			
DL924	+374173+1144928	4660S	0	96417406	692091491651196541	96478	80680			
DL925	+374174+1144957	4682S	0	94417407	69166149221196543	96739	80865			
DL926	+374172+1144983	4702S	0	95417402	691281493071196541	97017	81075			
DL927	+374172+1145010	4729S	0	96417401	690801493491196541	97313	81290			
DL928	+374172+1145037	4754U	0	98417400	690461493401196541	97540	81423			
DL929	+374173+1145057	4778L	0	100417402	690191492551196541	97689	81493			
DL930	+374174+1145083	4798S	0	101417403	689811492321196543	97842	81579			
DL931	+374171+1145110	4830U	0	104417396	689411491251196539	98042	81672			
DL932	+374176+1145134	4854S	0	105417405	689061490551196546	98190	81740			
DL933	+374172+1145162	4890U	0	108417396	6866514883821196541	98362	81797			
DL934	+374177+1145204	4949U	0	112417404	6860314867421196546	98670	81902			
DL935	+374177+1145231	4984S	0	113417403	687631485671196548	98924	82043			
DL936	+373819+1144350	5038U	0	147416764	697711482141196026	99602	82560			
DL937	+373825+1144603	4927U	0	124416772	696431482591196034	98592	81911			
DL938	+373819+1144722	4854U	0	117416758	695271485701196026	98188	81765			
DL939	+373895+1144609	4863S	0	122416903	696901487301196137	94359	81695			
DL940	+373907+1144602	4960U	0	162416929	698461490801196154	94793	82470			
DL941	+373907+1144724	4754U	0	109416921	695201485911196154	97477	81371			
DL942	+373939+1144588	4827U	0	120416985	697191490921196201	98514	81974			
DL943	+373994+1144502	4892U	0	127417040	698431493491196280	99107	82549			
DL944	+373994+1144614	4752U	0	112417086	69678149171196280	97587	81493			
DL945	+373995+1144724	4673U	0	166417084	695161489891196282	96740	86697			
DL946	+374081+1144513	4712S	0	114417256	696151491941196408	98295	82153			
DL947	+374082+1144675	4668S	0	105417248	696561493021196409	96623	81007			
DL948	+374083+1144723	4634U	0	100417247	695141490521196410	96251	80546			
DL949	+374211+1144523	4675S	0	108417490	697871502321196597	97631	81793			
DL950	+374232+1144637	4566U	0	100417525	696341494401196628	95971	80429			
DL951	+374259+1144721	4584U	0	94417572	695091491791196667	95692	80311			
DL952	+374278+1144561	4592S	0	104417613	697431503061196695	96862	81303			
DL953	+374346+1144607	4580U	0	97417737	696731494751196794	95734	80260			
DL954	+374346+1144717	4560U	0	92417733	695111492171196794	95525	79996			
DL955	+374405+1144625	4579U	0	94417646	696441494231196880	95635	80111			
DL956	+374430+1144	4595S	0	102417895	697951501591196916	96484	80915			
DL957	+374432+1144	5808	0	89417892	694871492451196920	95427	79493			
DL958	+374495+1144785	4560S	0	89418006	694051493091197012	95394	79697			
DL959	+374495+1144785	4560S	0	93418613	69694149621197012	95777	80225			
DL960	+374495+1144588	4567S	0	124417999	69777149764197017	98973	82345			
DL961	+374499+1145212	4912S	0	100417929	699861501701196950	97163	81535			
DL962	+374457+1145003	46699T	0	96417885	692121490131196920	96077	80451			
DL963	+374432+1144918	4610S	0	105417680	69001150281196920	97688	81457			
DL964	+374432+1144562	4731U	0	113417077	696561492651196920	98426	81464			
DL965	+374432+1144512	4854S	0	96417729	691831495471196797	95398	80575			
DL966	+374434H+1144940	4638U	0	101417750	690731493161196819	97276	81534			
DL967	+3744363+1145015	456890T	0	111417724	689411496671196797	98018	81459			
DL968	+3744348+1145105	4776U	0	118417722	688591496651196797	98374	82401			
DL969	+3744346+1145161	4835U	0	100417917	690811497841196711	97417	81445			
DL970	+3744283+1145025	47119T	0	94417571	69208149531196672	96352	80529			
DL971	+3744252+1144920	4650S	0	111417538	689231495161196651	98166	81455			
DL972	+3744248+1145120	4813S	0	124417479	687671487631196607	98751	81396			
DL973	+374218+1145227	4949U	0	98417300	690451491261196466	97574	81396			
DL974	+374118+114504147720T		0	100417247	692081490111196416	96563	80723			
DL975	+374087+1144936	4672S	0	100417087	69194149081196291	96030	80976			
DL976	+374001+1144943	4660S	0	100417150	69001149081196400	97110	81320			

STATION	LAT.	LONG.	ELEV.	TER-PUR.	NORTH	FAST	WASV	THEF	FAD	GRD
IDENT.	DEG	MIN	DFG	MIN	+CODE	TN/OUT	UTM	UTM	GRAV	GRAV

DL978	+374087	+1145139	48688		0	110417240	68902148741196416	98137	81644	
DL979	+374105	+1145222	49648		0	122417270	6879148556196443	98830	62021	
DL980	+374017	+1145140	49240		0	126417110	68904148539196314	98365	81697	
DL982	+373912	+1144949	47128		0	102416923	69189149219196161	77402	81453	
DL983	+373949	+1145060	47539T		0	130416987	69024149099196215	97624	81539	
DL984	+373907	+1145162	49600		0	115416906	68976148019196154	98544	81742	
DL985	+373896	+1145217	49998		0	110416884	68796148154196138	98978	62068	
DL986	+373862	+1145073	486041T		0	102416826	69009148589196088	97711	61428	
DL987	+373820	+1144996	47558		0	104416751	69124148725196027	97447	81333	
DL988	+373820	+1145158	48620		0	101416745	68805148613196027	98130	61560	
DL989	+373776	+1145086	48100T		0	101416666	68993148630195963	97333	81029	
DL990	+373674	+1145225	48629T		0	100416473	68795147425195814	97380	80893	
DL991	+373692	+1145089	48090T		0	114416511	68992147649195841	97066	80778	
DL992	+373699	+1145019	48461T		0	105416526	69095147567195651	97322	80898	
DL993	+373706	+1144918	49071T		0	108416543	69243147275195661	97545	80965	
DL994	+373722	+1144814	49459T		0	117416576	69396147407195884	98070	81517	
DL995	+373726	+1144869	4995Y		0	139416587	69569148045195890	99166	82268	
DL996	+373736	+1144800	51191T		0	159416609	69716147787195905100059	62759		
DL997	+373714	+1145955	49710		0	99416523	67717147950195873	98860	62005	
DL998	+373732	+1145822	50900		0	109416561	67912147197195894	99201	81640	
DL999	+373687	+1145600	49961T		0	96416484	68182147027195634	96212	81172	
DL1000	+373728	+1145602	50528		0	101416561	68236146462145693	98014	81363	
DL1001	+373670	+1145494	49928		0	95416457	68397147100195809	98271	81245	
DL1002	+373661	+1145371	49428		0	99416444	68579147127195795	97641	61064	
DL1003	+373672	+1145259	48610		0	99416468	68745147415195612	97539	80490	
DL1004	+373729	+1145273	49200		0	97415573	68726147414195695	97822	81134	
DL1005	+38	776	+1145748	5537Y	0	102422193	678981466448200345	98714	79931	
DL1007	+38	864	+1145749	5678Y	0	114422356	678931466568200473	99553	80301	
DL1008	+38	952	+1145749	5815Y	0	126422518	67889146200200602100325	60618		
DL1009	+38	8123	+1145715	6371Y	0	265422051	67936143097200706162354	66884		
DL1010	+38	928	+1145055	5891Y	0	139422477	68028145896200567166773	80619		
DL1011	+38	853	+1145603	5768Y	0	114422337	67975146254200457100270	60643		
DL1013	+38	874	+1145574	5903Y	0	138422380	68148145816200486100885	80889		
DL1014	+38	803	+1145520	5722Y	0	125422250	68239146974200364100142	81051		
DL1015	+38	1001	+1145578	6144Y	0	173422015	68137144579200674101431	81049		
DL1016	+38	942	+1145520	6150Y	0	152422507	68224144412200588101707	60663		
DL1020	+38	805	+1145289	5487Y	0	132422262	68567148951200387	99300	80722	
DL1021	+38	864	+1145310	5560Y	0	163422370	68534147628200473	99482	60661	
DL1022	+38	906	+1145362	5852Y	0	136422446	68457146056200535100600	80776		
DL1023	+38	951	+1145308	5659Y	0	160422531	68533146679200601	99537	80146	
DL1024	+38	998	+1145408	6039Y	0	175422615	6838514735200670100902	80480		
DL1027	+38	1048	+1145307	5823Y	0	177422710	68531145657200743110717	81030		
DL1029	+38	36	+1145349	5616Y	0	130420837	68497146996199262100589	81564		
DL1030	+38	87	+1145260	5413Y	0	120421734	68520146292199337	99696	81557	
DL1031	+38	128	+1145400	5583Y	0	133421006	68434147309199397100456	81547		
DL1033	+38	173	+1145297	5354Y	0	137421002	68582146768199465	99693	81569	
DL1034	+38	217	+1145250	5290C	0	123421175	685040149299199527	99557	81033	
DL1035	+38	224	+1145293	5342Y	0	124421187	68601148999199537	99727	81031	
DL1036	+38	230	+1145311	5395Y	0	117421197	68559146639199546	99867	81545	
DL1037	+38	231	+1145320	5076Y	0	129421204	68520146177199552100162	81016		
DL1038	+38	244	+1145364	5576Y	0	146421221	684811475043199566100555	81003		
DL1042	+38	402	+1145201	5300Y	0	128421516	68381149242199790100077	81856		
DL1043	+38	439	+1145333	5446Y	2	99421583	68519148700199852100103	81629		
DL1046	+38	563	+1145355	5359Y	1	111421512	68516149135200033	99531	81240	
DL1047	+38	563	+1145427	54659T	2	93421609	68361148264200033	99673	81125	
DL1048	+38	614	+1145399	5518Y	0	96421705	68415148025200100	82850	81125	
DL1051	+38	604	+1145308	54400	0	101422000	6847114870010022	80226	81000	

STATION LAT. LONG. ELEV. TFR-CDR. NORTH EAST URSV THEC FAE CFA
 IDENT. DEG MIN DEG MIN +CODE IN/OUT UTM UTM GRAV GRAV 41000
 44 45 120 45 15 000 1000 1000 1000 1000 1000 1000 1000

DL1052	+38	743+1145457	55060	0	130422141	68325147956200296100044	61194
DL1053	+38	715+1145540	55020	0	101422087	68204147772200255	60993
DL1054	+374509+1143837	5393Y	0	120418066	70796146760197032100492	82215	
DL1055	+374504+1143989	5815Y	0	509418051	70573144608197024102312	82738	
DL1056	+374540+1140286	4935Y	0	148418107	70136150419197077	99785	
DL1057	+374515+1144401	4676Y	0	112418057	69964151381197041	83131	
DL1058	+374527+1144401	4640C	0	97418076	69835150108197056	96716	
DL1059	+374586+1140489	4650C	0	94418185	69035149916197144	96533	
DL1060	+374590+1144414	4647Y	0	102418195	69945150762197150	97819	
DL1061	+374601+1144320	4761Y	0	116418219	70083151409197166	90048	
DL1062	+374563+1144159	5621Y	0	253418154	7032114609019711101882	82963	
DL1063	+374576+1144077	5441Y	0	128418181	70441147012197130101090	82061	
DL1064	+374592+1143763	5466Y	0	129418215	70607147055197153101345	82831	
DL1065	+374568+1143688	5301Y	0	125418173	70719147447197116100218	62263	
DL1066	+374576+1143792	5421Y	0	118418192	70859146593197130100482	82111	
DL1067	+374619+1143053	5258Y	0	132418269	70768147716197192100008	82207	
DL1068	+374646+1143763	5416Y	0	142418415	70896147649197305101316	62986	
DL1069	+374713+1143880	5273Y	0	167418442	707201481411197330100437	82820	
DL1070	+374694+1143980	5281Y	0	123418403	70578148120197302100520	62531	
DL1071	+374665+1144075	5121Y	0	128418346	70440149455197259100396	83052	
DL1072	+374625+1144139	5575Y	0	243418270	70347146479197201101747	62975	
DL1073	+374620+1144230	4928Y	0	140418257	70205150541197194	99724	
DL1074	+374637+1144279	48370	0	122418287	70141151196197219	99216	
DL1075	+374642+1144318	4795C	0	109418295	70084151088197226	94988	
DL1076	+374646+1144365	4773C	0	105418301	70044151058197232	98745	
DL1077	+374648+1144372	4784C	0	107418304	700041506926197234	98337	
DL1078	+374652+1144308	4723C	0	98418310	699661564766197241	97913	
DL1079	+374660+1144424	46401	0	98418324	6992615045197252	97380	
DL1080	+374660+1144458	4671C	0	93418323	69876150111197252	96817	
DL1081	+374661+1144485	4651C	0	92418324	69836149933197254	96449	
DL1082	+374699+1144171	4937Y	0	137418405	70297150442197309	99595	
DL1083	+374729+1144241	5424Y	0	513418458	70193146902197353100596	62609	
DL1084	+374735+1144354	4740C	0	101218465	70227150954197362	92238	
DL1085	+374745+1144434	4670Y	0	93418481	69902150123197376	96696	
DL1086	+374749+1144079	5031Y	0	118418501	70430149886197382	99851	
DL1087	+374789+1144156	4964Y	0	107418572	70315150020197441	99296	
DL1088	+374782+1143784	5490Y	0	174418574	70691147392197430101632	83021	
DL1089	+374798+1143828	6369Y	0	862418601	70796141698197458103590	62724	
DL1090	+374861+1143753	5870Y	0	195418720	70903145100197545102801	82975	
DL1091	+374871+1143845	5942Y	232	330418735	707661480694197560102435	62730	
DL1092	+374780+1143957	5130Y	0	158418520	70607149275197441100114	62773	
DL1093	+374859+1143946	5196Y	0	155418709	70616148978197562100336	62709	
DL1094	+374810+1144076	4987Y	0	119418614	70431150022197471	99484	
DL1095	+374833+1144071	4947Y	0	122418749	70435149796197577	99151	
DL1096	+374931+1143751	5642Y	38	254418850	70903146605197648102457	63116	
DL1097	+374950+1143852	5417Y	0	212418881	70754147087197675101196	82227	
DL1100	+375120+1143760	5772Y	0	290419190	70681145909197923102310	82913	
DL1101	+375126+1143785	5729Y	4	255419209	706944146125197932102108	82831	
DL1102	+375152+1143824	5642S	0	255419256	70785146573197970101702	82714	
DL1103	+375212+1143955	5015T	0	201419379	70737146778198068101555	82945	
DL1104	+375165+1143854	5577Y	0	231419279	7074114708219798410151K	82720	
DL1105	+375181+1143892	5494Y	0	218419307	70684147430198613101131	82011	
DL1106	+375195+1143921	5400Y	0	204419332	706841147642198033101044	82080	
DL1107	+375208+1143944	5107Y	0	210419355	70607146678198052100913	82081	
DL1108	+375224+1143965	5373Y	0	197419384	705751408379198076100871	82742	
DL1109	+375234+1143902	5321Y	0	191417401	70535146645198198100655	82086	
DL1110	+375267+1143911	5204C	0	182416471	70600914687801610010007	81723	

STATION	LAT.	LONG.	ELEV.	TER-COK.	NORTH	FAST	UTM	UTM	GRAV	GRAV	GRAV	+1.00
IDENT.	DEG MIN	DEG MIN	CODE	TIN/OUT	UTM	UTM	GRAV	GRAV				

DL1111	+375131	+1143870	5527Y	0	222419215	70719147233197940101310	82681					
DL1112	+375120	+1143951	55303Y	0	185419192	70601148249197923100610	82571					
DL1113	+375167	+1143989	52808	0	181419278	70543148790197992100490	82502					
DL1114	+375195	+1144088	5106Y	0	150419326	70396149253198033	99273	82900				
DL1115	+375138	+1144059	5136Y	0	147419221	70441149406197950	99194	82424				
DL1116	+375083	+1144054	5104Y	0	144419120	70451149233197870	99402	82136				
DL1117	+375012	+1144033	5072Y	0	140418989	70485149034197766	99008	81849				
DL1118	+374910	+1144002	5096Y	0	139418802	70535149033197617	99375	82133				
DL1119	+374981	+1143922	5257Y	0	183418936	70656148230197720	99976	82229				
DL1120	+375052	+1143951	5250Y	0	181419066	70604148281197824	99950	82194				
DL1121	+375229	+1144227	49195	0	127419384	70191150510198083	94720	82970				
DL1123	+375200	+1144428	46385	0	112419323	69897150904198041	96511	80804				
DL1124	+375194	+1144326	4752Y	0	112419315	70047150916198031	97605	81510				
DL1125	+375143	+1144215	48978	0	122419225	70212150488197957	98617	82037				
DL1126	+375068	+1144177	4901Y	0	123419088	70271150318197848	98593	82006				
DL1127	+374963	+1144164	4829Y	0	123418894	70295150450197695	98201	81554				
DL1128	+374874	+1140170	4925Y	0	111418729	70291150267197564	99049	82363				
DL1129	+374949	+1144227	4849Y	0	109418866	70204150626197674	98586	82150				
DL1130	+375028	+1140235	4821Y	0	112419012	70188150789197789	98370	82039				
DL1131	+375081	+1144230	4945Y	0	124419110	70193150117197866	98786	82046				
DL1132	+375108	+1144316	47510T	0	108419157	71066150565197906	97678	81582				
DL1133	+375137	+1144391	4666Y	0	108419208	69955151152197948	97115	81506				
DL1134	+375147	+1144494	4617S	0	105419222	69603150403197963	95890	80247				
DL1135	+375050	+1144392	4674Y	0	101419047	69457151024197821	97189	81348				
DL1136	+375059	+1144493	4625C	0	98419060	69308150427197834	96117	80441				
DL1137	+374975	+1144446	4652C	0	96418906	69881150526197712	96696	80929				
DL1138	+374995	+1144333	4727Y	0	101418947	70046150946197741	97690	81000				
DL1139	+374952	+1144335	4736Y	0	100418067	70045150676197676	97769	81710				
DL1140	+374875	+1140280	4856Y	21	104418727	70129150423197566	98840	82300				
DL1141	+374875	+1144391	4696Y	1	96418723	69766150876197566	97503	81583				
DL1142	+374824	+1144403	4696Y	0	95418628	69951150759197491	97471	81550				
DL1143	+374917	+1144447	4648C	0	95418799	69882150646197627	96760	81702				
DL1144	+374805	+1144291	4834Y	0	105418597	701161504950197464	93579	82597				
DL1145	+374506	+1145335	5111Y	0	167418012	685950146752197030100622	82757					
DL1146	+374575	+1145427	5305Y	0	218418133	68459147046197128100645	82769					
DL1147	+374587	+1145287	5071S	0	135418160	68664149280197145	93818	82650				
DL1148	+374636	+1145347	5158S	0	169418248	68574148923197217100249	82625					
DL1149	+374662	+1145403	5501S	0	184418294	68490146543197255101660	82481					
DL1150	+374644	+1145463	5810S	0	231418259	68403143913197229101306	81760					
DL1151	+374691	+1145277	5128S	0	136418352	68674148678197296	99841	82487				
DL1152	+374741	+1145308	5048S	0	207418444	686020149025197370	99762	82752				
DL1153	+374745	+1145127	5915S	0	330418447	68452144722197370103025	83170					
DL1154	+374706	+1145524	6206S	0	395418372	68311141655197320113499	82495					
DL1155	+374771	+1145539	6708S	0	844418492	68286138199197414103922	81657					
DL1156	+374831	+1145480	5735S	0	211418004	68361145394197502101668	82516					
DL1157	+374819	+1145348	5345S	0	158418586	68535147023197484100545	82577					
DL1158	+374871	+1145317	5010S	0	145418684	6860061498894197580	99487	82545				
DL1159	+374904	+1145426	5214S	0	171418701	68646148938197608100462	82790					
DL1160	+374936	+1145521	5306S	0	160418797	68306148213197655101059	82925					
DL1161	+374875	+1145601	5602S	2	202418082	68191146390197556101747	82694					
DL1163	+375000	+1145552	5561S	51	188418915	6862561464956197748101505	82817					
DL1164	+374971	+1145425	5190S	0	154418665	68445149176197706100314	82760					
DL1165	+374923	+1145397	5171Y	0	133418462	68484149064197782	99448	82444				
DL1166	+375038	+1145328	5075Y	0	121418492	68585149482197804	99440	82852				
DL1167	+375055	+1145259	4982S	0	115419026	68685150330197829	99387	82510				
DL1168	+375053	+1145483	5741S	0	187218015	68357146551197620121061	82423					
DL1169	+375074	+1145691	6710S	0	160418084	68233316121210212102221	82616					

STATION	LAT.	LONG.	ELEV.	TER-COR.	NORTH	FAST	GRAV	THEO	FNU	GRV
IDENT.	DEG MIN SEC	DEG MIN SEC	CODE	TM/UTM	UTM	UTM	GRAV	GRAV		+1000

DL1170	+3751	21145457	54788	0	149419119	68392147464197908101112	82577				
DL1171	+375104	+1145322	54048	0	201419115	68591147146197906160107	81076				
DL1172	+375160	+1145371	54228	0	144419216	68516147446197982100495	82146				
DL1173	+375169	+1145262	50698	0	117419237	68676150126197995	99836	02064			
DL1174	+375220	+1145342	51698	0	153419328	68556148992198070	99767	82222			
DL1175	+375199	+1145444	56178	0	162419286	68408146577198039101403	82407				
DL1176	+375212	+1145522	58228	0	226419308	68293145542198058102278	82647				
DL1177	+375147	+1145521	56688	0	200419187	68297145575197983100957	81825				
DL1178	+375217	+1145597	69178	0	1207419314	68183136461148065103501	81115				
DL1179	+375119	+1145627	65028	236	554419132	68143130529197922103099	81712				
DL1180	+375033	+1145642	64988	0	691418973	68124139827197797103190	81718				
DL1181	+374949	+1145312	50298	1	121418828	68612149787197674	99443	82413			
DL1915	+38	505	+1145000	51418	0	111421713	68671150494199948	99383	81959		
DL1914	+38	640	+1144892	50951T	0	92621970	69155149537200145	97701	80455		
DL1918	+375417	+1144743	46528	0	90419713	69426150632198357	96054	80277			
DL1919	+374203	+1145037	47520T	0	98417458	69047149399196585	97535	81425			
DL1961	+374525	+1144684	45800	0	87418066	69552149522197055	95568	80034			
DL2000	+374595	+1144984	46640	0	94418185	69108150362197157	96909	81163			
DL2001	+374598	+1145011	46668	0	97418189	69066150496197162	97245	81426			
DL2012	+374599	+1145038	46848	0	101418190	69029150603197163	97521	81646			
DL2003	+374601	+1145064	47158	0	100418193	68490150602197166	97827	81040			
DL2004	+374593	+1145089	47748	0	100418177	68954150561197155	98374	82151			
DL2005	+374592	+1145115	47768	0	112418175	68916150389197153	98183	82005			
DL2006	+374590	+1145178	48738	0	121418169	68824149805197150	98515	82016			
DL2007	+374590	+1145204	49188	0	115418168	68785149626197150	98762	82103			
DL2008	+374589	+1145232	49628	0	126418165	68744149501197148	99056	82252			
DL2009	+374588	+1145260	50188	0	125418162	68703149432197147	99435	82472			
DL2010	+374586	+1145313	51188	0	137418157	68626149015197144100035	82716				
DL2011	+374585	+1145338	51638	0	149418154	685891466045197143100136	82672				
DL2012	+374583	+1145365	52118	0	179418150	68549148378197146100268	82666				
DL2013	+374585	+1145402	52668	0	175418152	68495147989197143100594	82740				
DL2060	+373975	+1145899	52608	0	283417008	67789147053196253100303	82746				
DL2061	+374060	+1145939	55528	0	347417164	6774114537319637101249	82659				
DL2062	+374127	+1145921	56836	0	246417286	67751144702196475101713	82576				
DL2063	+374190	+1145918	55496	0	240417405	67753145825196560101499	82513				
DL2064	+374360	+1145508	55498	0	230417732	68349144629196814101601	82916				
DL2065	+374272	+1145324	50870	0	158417576	68822148691196686	99678	82683			
DL2066	+375664	+1144450	47548	0	115420550	69475149608199311	95470	79337			
DL2067	+375852	+1144427	47668	0	117420529	69476149614196993	95473	79335			
DL2068	+375839	+1144408	47738	0	121420506	69407149603198974	95547	79369			
DL2069	+375827	+1144381	47758	0	126420484	69438149662198456	95643	79483			
DL2070	+375813	+1144397	47900	0	127420450	69974149767198436	95916	79609			
DL2071	+375790	+1144316	48320	0	136420418	70035	49962198906	96533	80189		
DL2072	+375779	+1144294	48060	0	136420398	7006011495198486	96675	80114			
DL2073	+375766	+1144272	49000	0	141420375	70100149971198667	97217	80666			
DL2074	+375754	+1144250	49320	1	146420354	701351500012196560	97577	80902			
DL2075	+375742	+1144224	49020	0	154420332	70165150000196632	97911	81141			
DL2076	+375716	+1144182	50200	0	184420286	70235150027198795	98721	81284			
DL2077	+375704	+1144160	50730	0	201420265	71267150052198777	99648	81947			
DL2078	+375691	+1144137	51640	1	201420241	71302149616198758	99458	82172			
DL2222	+36	741	+1143770	53888	0	224422197	717901481972006	94162027	80467		
DL3001	+373951	+1143216	53016	1	153417058	71733146563196218100739	98698				
DL3002	+374312	+1143457	57248	161	471417116	71364138675196745105219	82920				
DL3003	+374715	+1143514	60378	251	238418467	71354145027197336193114	93012				
DL3004	+374996	+1143344	67788	1	581416474	71407139020197734195082	62553				
DL3005	+375587	+1143434	64448	5	544420156	7050414112919860513171	81742				
DL3007	+375671	+1143447	67221	0	202418501	7072014826119860513171	81742				

FN-TR-33-DL DRY LAKE VALLEY GRAVITY DATA

A2-20

STATION LAT. LUNG. ELEV. TEMP-CUR. NORTH EAST GRSV TREC PAA GRAV
 IDENT. DEG MIN DEG MIN +CODE TH/OUT UTM UTM - GRAV - GRAV - +1000-
 ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- ----- -----

DL3008	+38 277+1143657	77784	2	971421343	703771332571498615166856	81301
DL3009	+38 691+1143650	61558	1	201422109	70967145+342002201+1149	86554
DL3010	+38 741+1143706	60088	0	154422194	706831444522002941	80007
DL3011	+381026+1144003	68728	8	445422715	70436139183200711103154	80109
DL3014	+38 704+1145790	53778	0	96422058	67031147777200239	98143 79499
DL3015	+38 409+1145464	57738	8	129421523	68328146289199806100815	81262
DL3016	+375998+1145497	60598	115	318420758	6829714415e199204101960	81747
DL3017	+375701+1145334	57028	16	174420218	68545146371198773101263	82005
DL3018	+375612+1145657	52628	1	128420043	68079146694198642	99574 81755
DL3019	+375350+1145561	06008	313	709419562	58236138747148254103172	01479
DL3021	+374846+1145751	58088	7	164418623	67972144615197523101755	82110
DL3022	+374434+1145661	05908	413	579417864	68121138318196923103422	81937
DL3023	+374011+1145712	69558	2821130417080	68063135029196305104187	81877	
DL3024	+374260+1145916	55308	249	169417534	67753145820196669101272	82601
DL3025	+373833+115 25	49888	0	122416741	67610146314196046	99207 82310
DL3500	+375522+1144277	47078	0	178419924	7010415138e198511	97106 81291
DL3501	+375522+1144277	47078	0	178419924	70104151384198511	97178 81301
DL3502	+375522+1144277	47078	0	178419924	70104151394198511	97189 81511
DL3503	+375522+1144270	47088	0	178419924	70106151405198511	97201 81521
DL3504	+375522+1144276	47098	0	178419924	70106151408198511	97209 81327
DL3505	+375522+1144275	47098	0	179419924	70107151411198511	97220 81336
DL3506	+375522+1144275	47108	0	179419924	70107151415198511	97232 81345
DL3507	+375521+1144275	47118	0	179419922	70107151417198509	97242 81353
DL3508	+375521+1144274	47128	0	180419922	70109151422198509	97255 81365
DL3509	+375521+1144274	47138	0	180419922	70109151422198509	97264 81370
DL3510	+375521+1144273	47138	0	180419922	7011015142e198509	97274 81379
DL3511	+375521+1144273	47148	0	179419922	70110151429198509	97283 81364
DL3512	+375521+1144273	47158	0	179419922	70110151431198509	97293 81392
DL3513	+375521+1144272	47158	0	181419922	70112151437198509	97302 81401
DL3514	+375521+1144272	47168	0	181419922	70112151439198509	97310 81406
DL3515	+375521+1144271	47178	0	180419922	70113151436198509	97320 81414
DL3516	+375521+1144271	47188	0	180419922	70113151441198509	97332 81420
DL3517	+375520+1144271	47198	0	179419926	70113151446198508	97343 81426
DL3518	+375517+1144257	47518	0	189419915	7013415139e198503	97603 81588
DL3519	+375514+1144244	47928	0	182419910	70153151277198499	97879 81713
DL3520	+375511+1144231	48318	0	188419905	70172151165198495	98134 81845
DL3521	+375508+1144218	48678	0	199419900	70191151133198491	98343 81943
DL3522	+375505+1144205	49088	0	215419895	70211150575198486	98584 82044
DL3523	+375502+1144192	49554	0	234419896	70230150659198481	98610 82144
DL3524	+375522+1144270	47068	0	177419924	70105151380198511	97161 81285
DL3525	+375522+1144278	47068	0	177419924	70103151373198511	97176 81275
DL3526	+375522+1144279	47058	0	177419924	7010115138e198511	97186 81289
DL3527	+375522+1144279	47058	0	177419924	7010115138e198511	97186 81289
DL3528	+375523+1144279	47048	0	178419925	70101151373198513	97114 81242
DL3529	+375523+1144280	47048	0	176419925	70101151344198513	97115 81237
DL3530	+375523+1144280	47038	0	176419925	70101151338198513	97089 81225
DL3531	+375523+1144281	47038	0	175419925	70198151331198513	97079 81213
DL3532	+375523+1144281	47038	0	175419925	70198151323198513	97066 81202
DL3533	+375523+1144281	47028	0	175419925	70198151317198513	97056 81193
DL3534	+375523+1144282	47028	0	175419925	7019715135198513	97046 81172
DL3535	+375523+1144282	47018	0	175419925	7019715138e198513	97029 81171
DL3536	+375523+1144283	47018	0	174919925	70195151291198513	97019 81159
DL3537	+375523+1144283	47008	0	174419925	70194151284198513	97008 81156
DL3538	+375523+1144283	47008	0	174419927	70195151277198513	96995 81139
DL3539	+375524+1144284	46998	0	174419927	70194151271198513	96984 81129
DL3540	+375524+1144284	46998	0	174419927	7019415126e198513	96975 81121
DL3541	+375524+1144284	46988	0	174419927	7019415126e198513	96965 81121

FN-TR-33-DL

DRY LAKE VALLEY GRAVITY DATA

A2-21

STATION IDENT.	LAT. DEG MIN +	LONG. DEG MIN +	ELEV. FT	TER-COR. IN/CUT	NORTH UTM	EAST UTM	UBSV	THEC	F44	CBA	+1000
DL3542	+375530+1144210	46768	0	346419941	702021508	81198523	96363	80762			
DL3543	+375533+1144324	46726	0	162419942	700351506	44198527	96081	80310			
DL3544	+375536+1144337	46716	0	152419947	700161504	17198531	95642	80664			
DL3545	+375539+1144350	46728	0	145419953	69997150220	198536	95057	79866			
DL3546	+375542+1144363	46730	0	142419958	69977150063	198540	95502	79705			
DL3547	+375530+1144276	47078	0	179419939	701051513771	198523	97153	81277			
DL3548	+375530+1144276	47088	0	179419939	701051513811	198523	97167	81287			
DL3549	+375529+1144275	47098	0	180419937	701071513341	198521	97181	81299			
DL3550	+375529+1144275	47106	0	180419937	701071513371	198521	97191	81306			
DL3551	+375529+1144275	47116	0	180419937	701071513911	198521	97203	81316			
DL3552	+375529+1144274	47118	0	182419937	701081513971	198521	97214	81327			
DL3553	+375529+1144274	47128	0	181419937	701081514001	198521	97225	81334			
DL3554	+375529+1144273	47128	0	181419937	701101514091	198521	97232	81342			
DL3555	+375529+1144273	47138	0	181419937	701101514091	198521	97244	81349			
DL3556	+375529+1144273	47148	0	181419937	701101514141	198521	97256	81359			
DL3557	+375529+1144272	47158	0	182419937	701111514161	198521	97266	81367			
DL3558	+375530+1144277	47078	0	179419939	701041513721	198523	97142	81258			
DL3559	+375530+1144277	47068	0	180419939	701041513691	198523	97133	81262			
DL3560	+375530+1144277	47058	0	180419939	701041513631	198523	97121	81253			
DL3561	+375530+1144278	47058	0	178419938	70102151256	198523	97116	81241			
DL3562	+375530+1144278	47048	0	178419938	701021513471	198523	97098	81236			
DL3563	+375530+1144279	47048	0	179419938	701011513411	198523	97085	81221			
DL3564	+375530+1144279	47038	0	179419938	701011513361	198523	97073	81211			
DL3565	+375530+1144279	47028	0	179419938	701011513291	198523	97061	81202			
DL3566	+375530+1144280	47028	0	177419938	700931513211	198523	97051	81190			
DL3567	+375531+1144280	47028	0	178419940	700991513141	198524	97037	81179			

**DATE
TIME**