

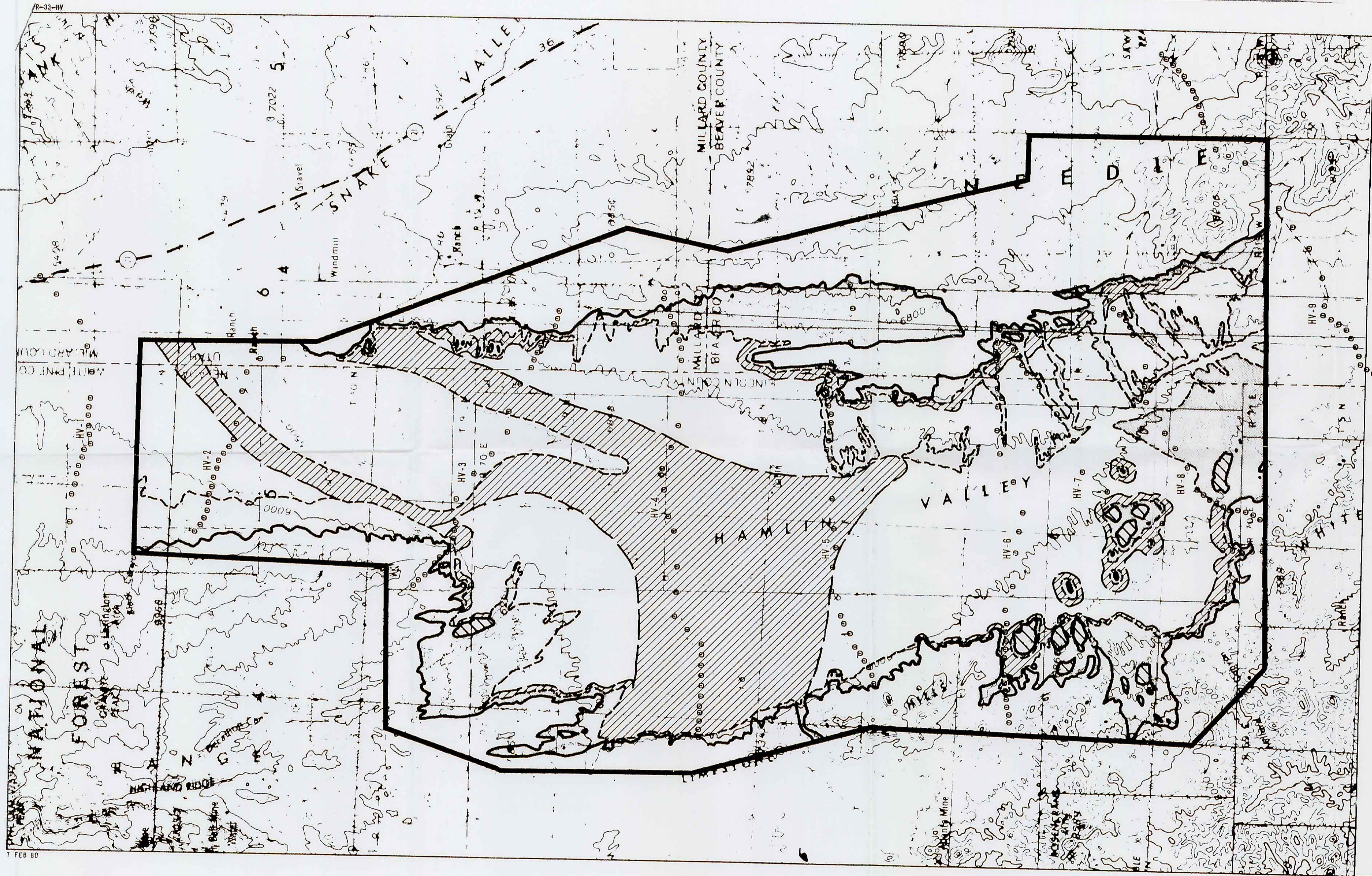
EXPLANATION:  
 HV-2 GRAVITY PROFILE LINE  
 SCALE 1:250,000

GRAVITY PROFILE LOCATION MAP  
 HAMLIN VALLEY, NEVADA

MX SITING INVESTIGATION  
 DEPARTMENT OF THE AIR FORCE - BMO

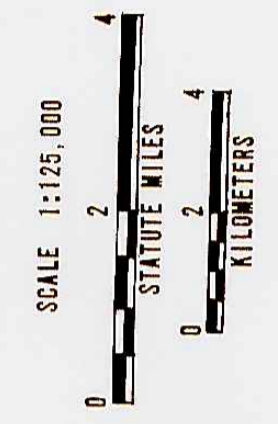
UGRO NATIONAL, INC.

FIGURE  
 2

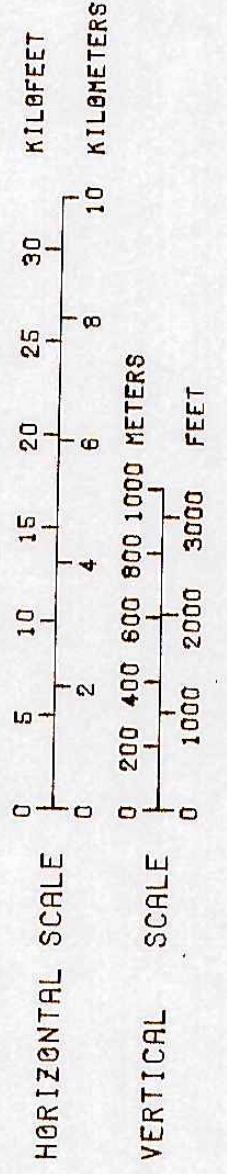
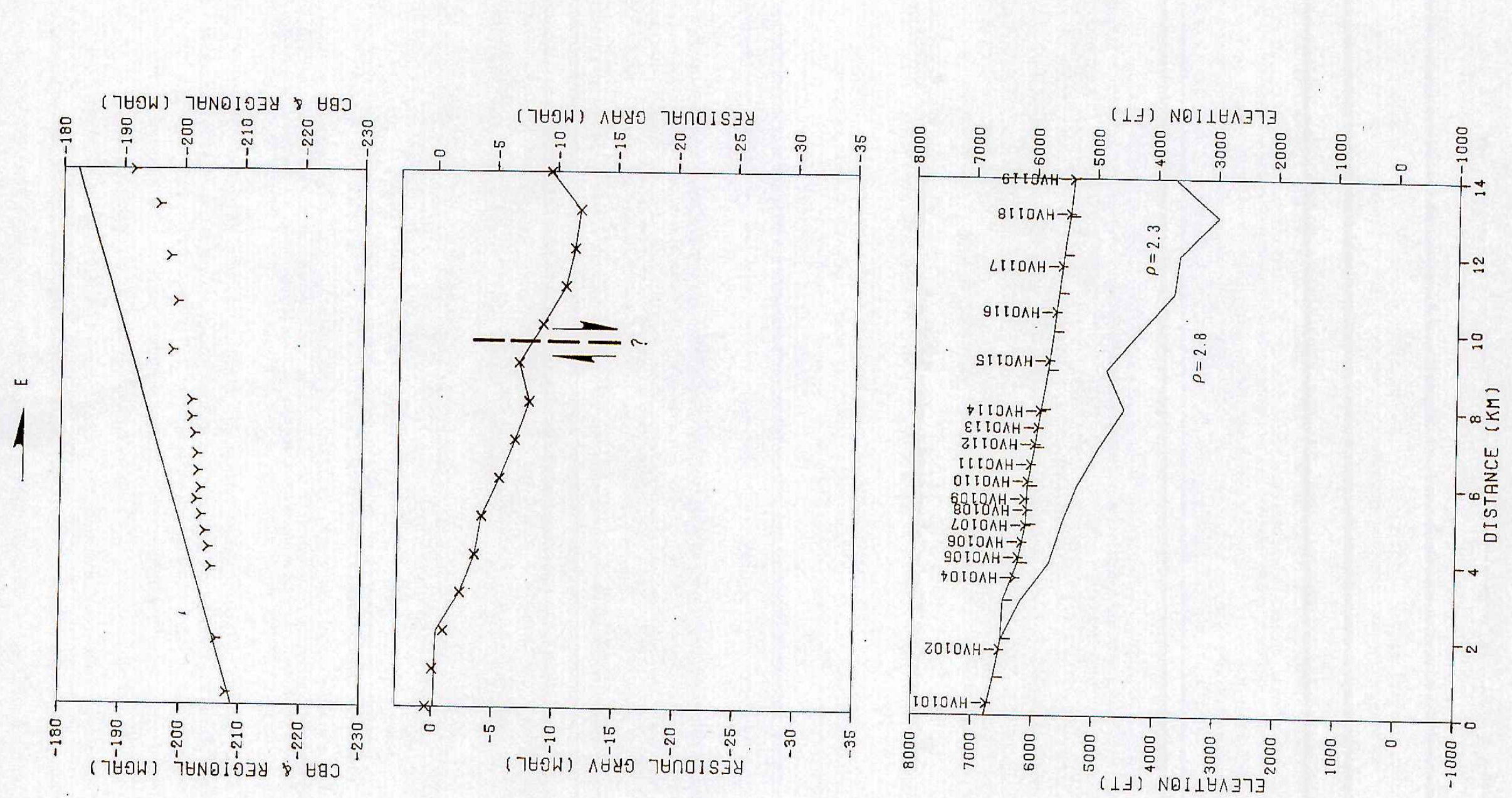


**EXPLANATION**

- Gravity station
- Area suitable for hybrid trench and vertical shelter basing modes. Depth to rock and water greater than 150 feet (46m).
- ▨ Area suitable for hybrid trench and not suitable for vertical shelter. Depth to rock and water greater than 50 feet (15m) and less than 150 feet (46m).
- Area unsuitable for both hybrid trench and vertical shelter basing modes as determined from application of depth to rock and water, topographic/terrain, and cultural exclusions.
- ⊗ Shading indicates areas of isolated exposed rock.
- ⊕ Contact between rock and basin-fill



GRAVITY STATION LOCATION MAP HAMLIN VALLEY, NEVADA-UTAH	
MX SITING INVESTIGATION DEPARTMENT OF THE AIR FORCE - BMO	FIGURE 3
<b>FUGRO NATIONAL, INC.</b>	



**EXPLANATION**

TOP CBA (Y) & REGIONAL ( )

MIDDLE RESIDUAL GRAV: OBSERVED VALUES (INTERPOLATED) (X)  
 CALCULATED FROM MODEL ( )

BOTTOM ELEVATION: STATION ELEVATIONS (Y) & IDENTIFICATION (HW0112)  
 INTERPOLATED SURFACE ELEVATIONS ( )  
 MODEL OF BEDROCK SURFACE ( )  
 DENSITY VALUES ( $\rho=2.3$ )  $\rho/\text{cm}^3$   
 DISTANCE SCALE 1:125,000

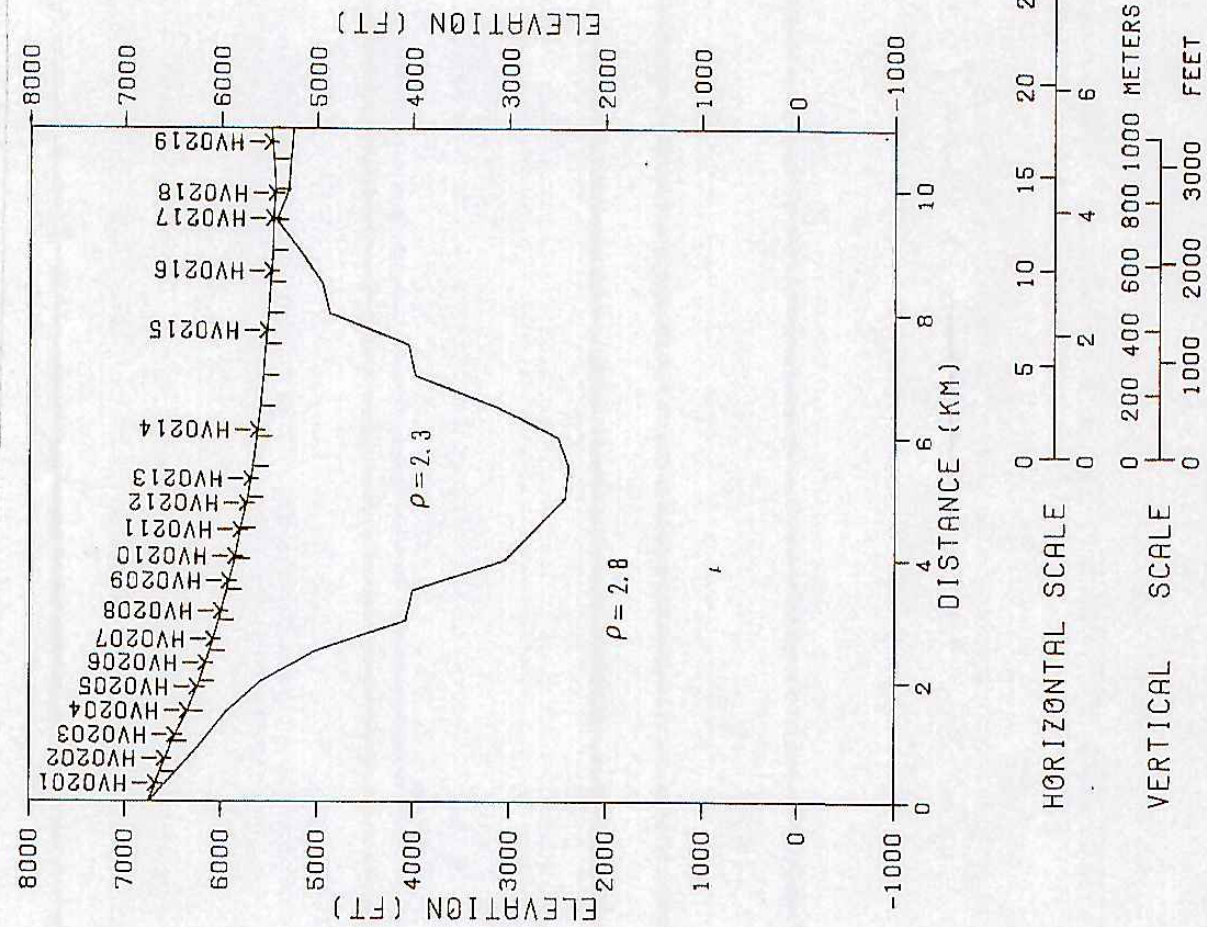
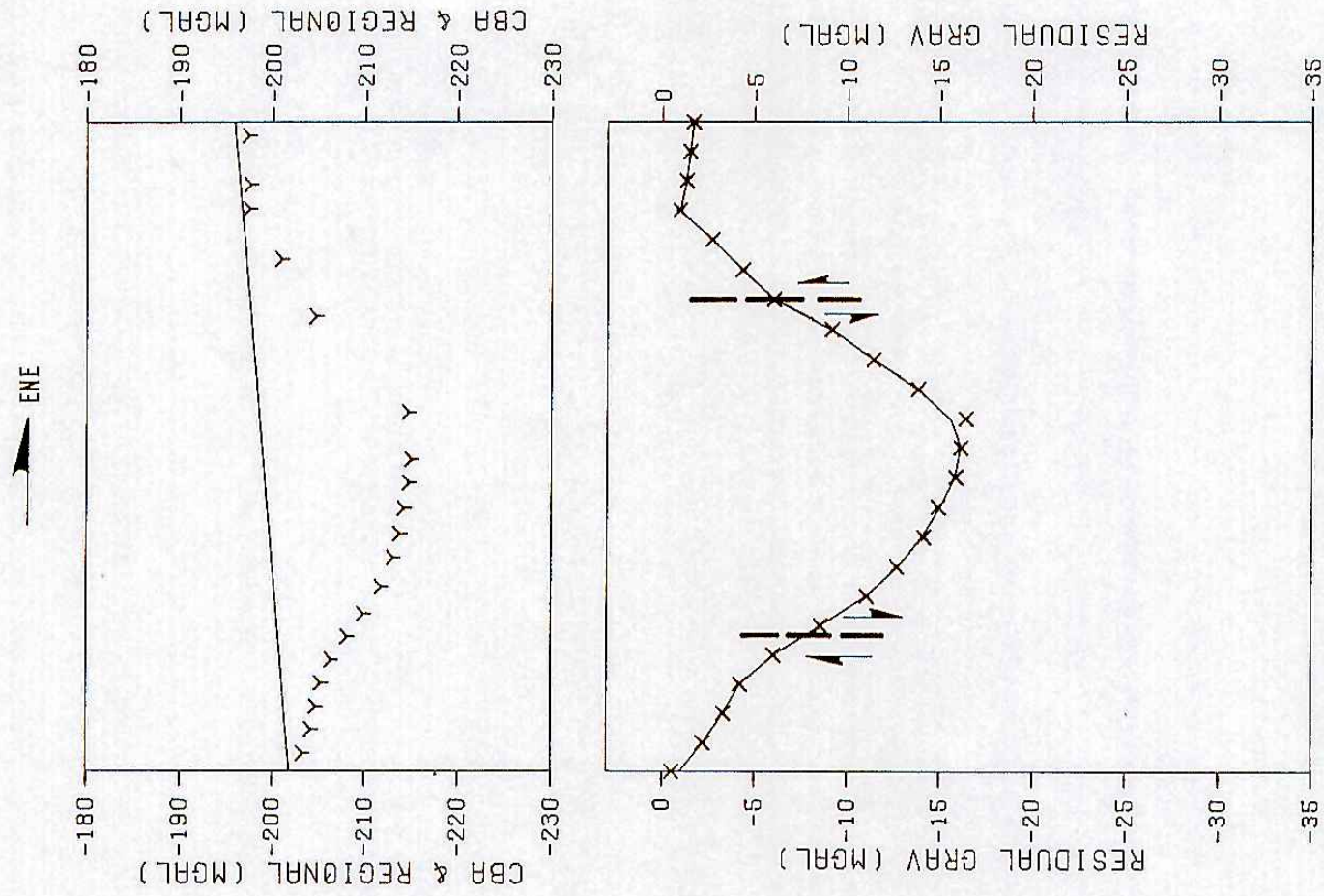
--- GRAVITY INTERPRETED FAULT LOCATION

INTERPRETED GRAVITY PROFILE HV-1  
 HAMLIN VALLEY, NEVADA

MX SITING INVESTIGATION  
 DEPARTMENT OF THE AIR FORCE - BMD

FIGURE  
 4

**JUGRO NATIONAL, INC.**



**EXPLANATION**

- TOP CBA (Y) & REGIONAL ( )
  - MIDDLE RESIDUAL GRAY: OBSERVED VALUES (INTERPOLATED) (X)  
CALCULATED FROM MODEL ( )
  - BOTTOM ELEVATION: STATION ELEVATIONS (Y) & IDENTIFICATION (HW0112)  
INTERPOLATED SURFACE ELEVATIONS ( )  
MODEL OF BEDROCK SURFACE ( )
- DENSITY VALUES ( $\rho=2.3$ ) g/cm<sup>3</sup>  
DISTANCE SCALE 1:125,000

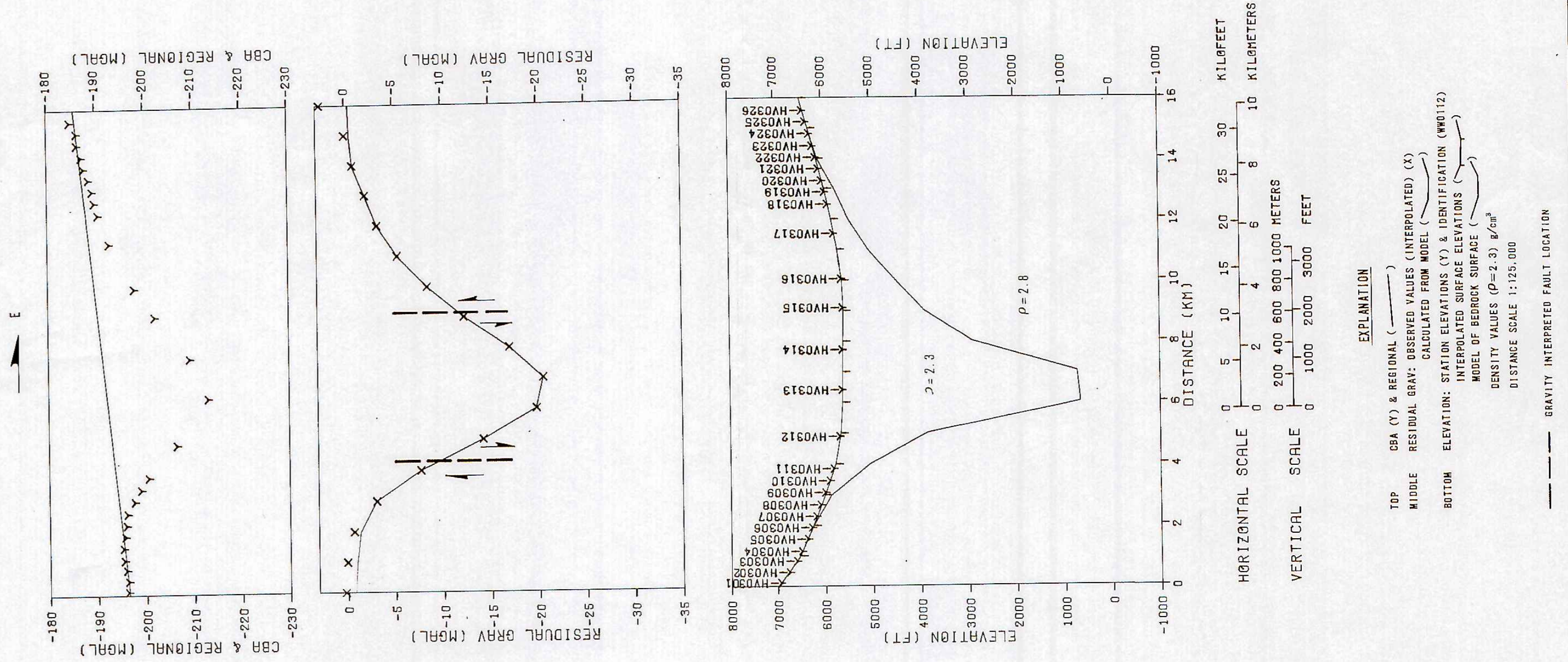
--- GRAVITY INTERPRETED FAULT LOCATION

**INTERPRETED GRAVITY PROFILE HV-2  
HAMLIN VALLEY, NEVADA**

MX SITING INVESTIGATION  
DEPARTMENT OF THE AIR FORCE - BMO

FIGURE  
5

**UGRO NATIONAL, INC.**

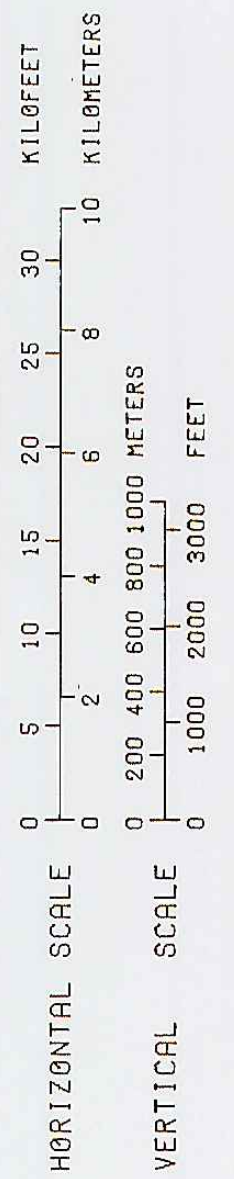
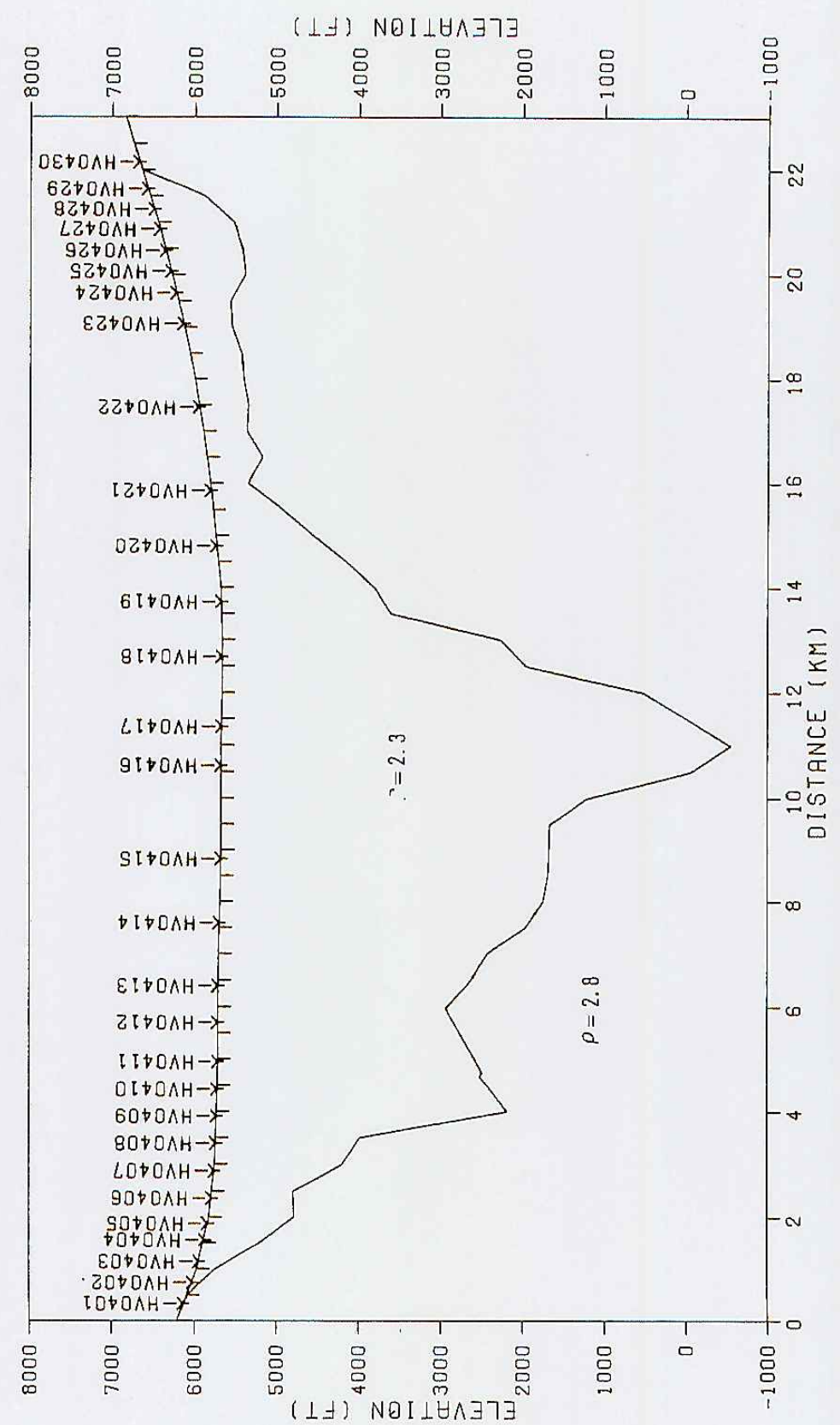
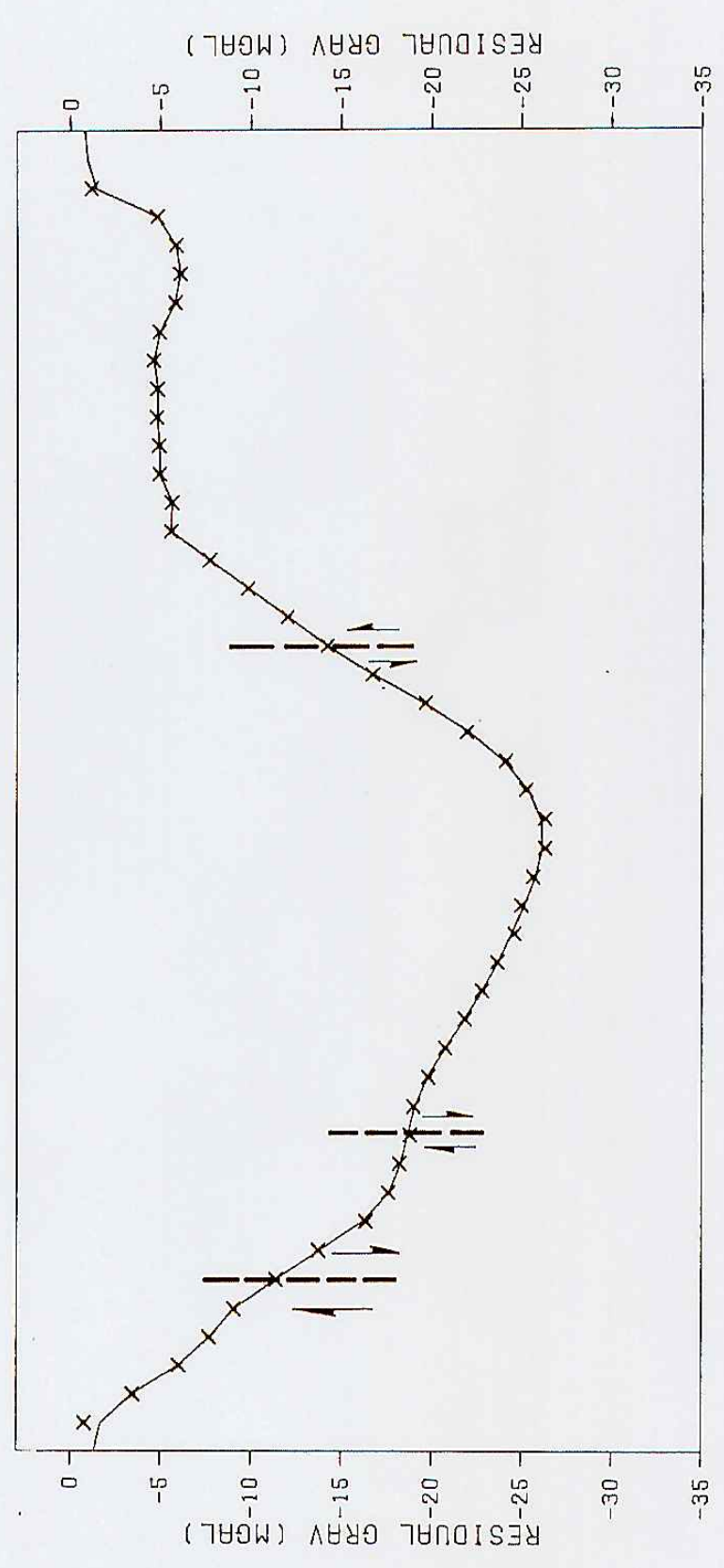
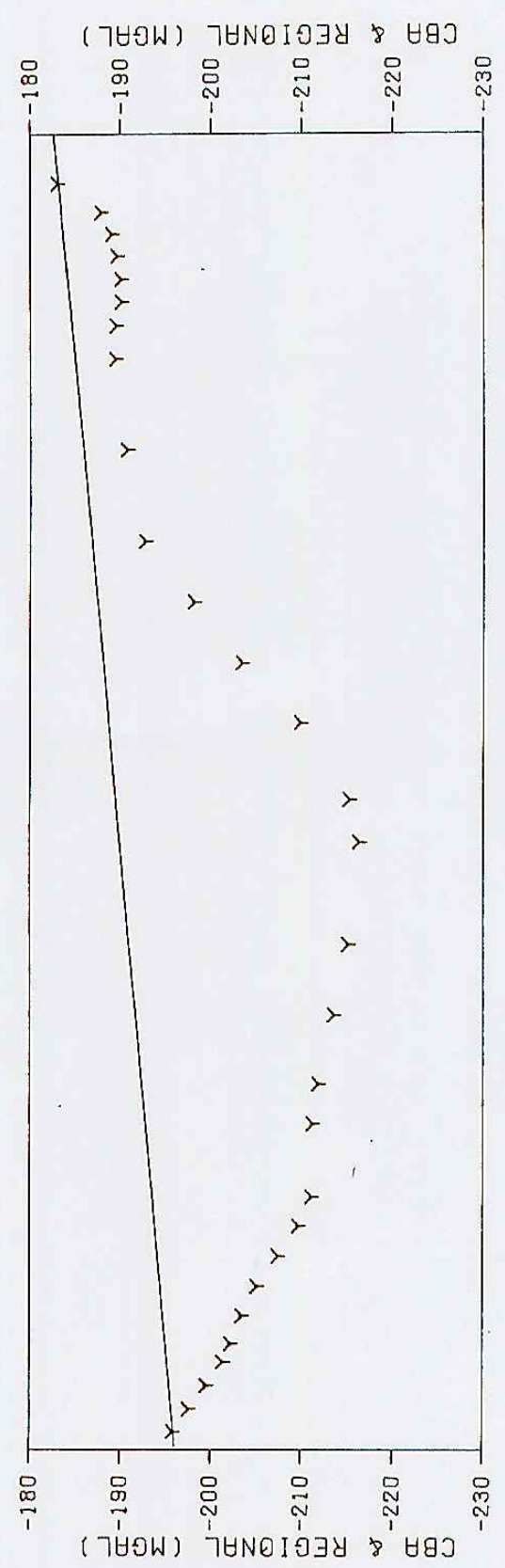


INTERPRETED GRAVITY PROFILE HV-3  
 HAMLIN VALLEY NEVADA

MX SITING INVESTIGATION  
 DEPARTMENT OF THE AIR FORCE - BMO

FIGURE  
 6

**UGRO NATIONAL, INC.**



**EXPLANATION**

- TOP CBA (Y) & REGIONAL ( )
- MIDDLE RESIDUAL GRAV: OBSERVED VALUES (INTERPOLATED) (X)  
CALCULATED FROM MODEL ( )
- BOTTOM ELEVATION: STATION ELEVATIONS (Y) & IDENTIFICATION (W0112)  
INTERPOLATED SURFACE ELEVATIONS ( )  
MODEL OF BEDROCK SURFACE ( )  
DENSITY VALUES ( $\rho=2.3$ ) g/cm<sup>3</sup>

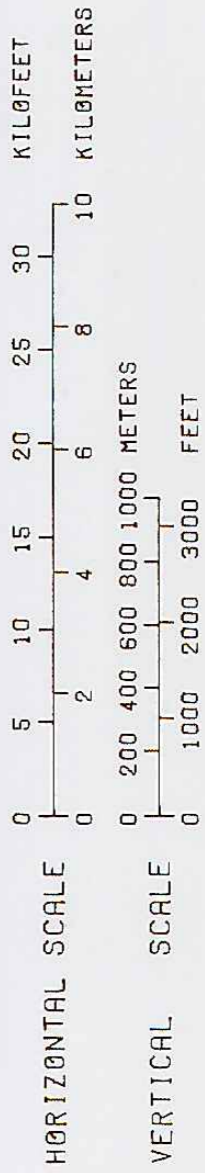
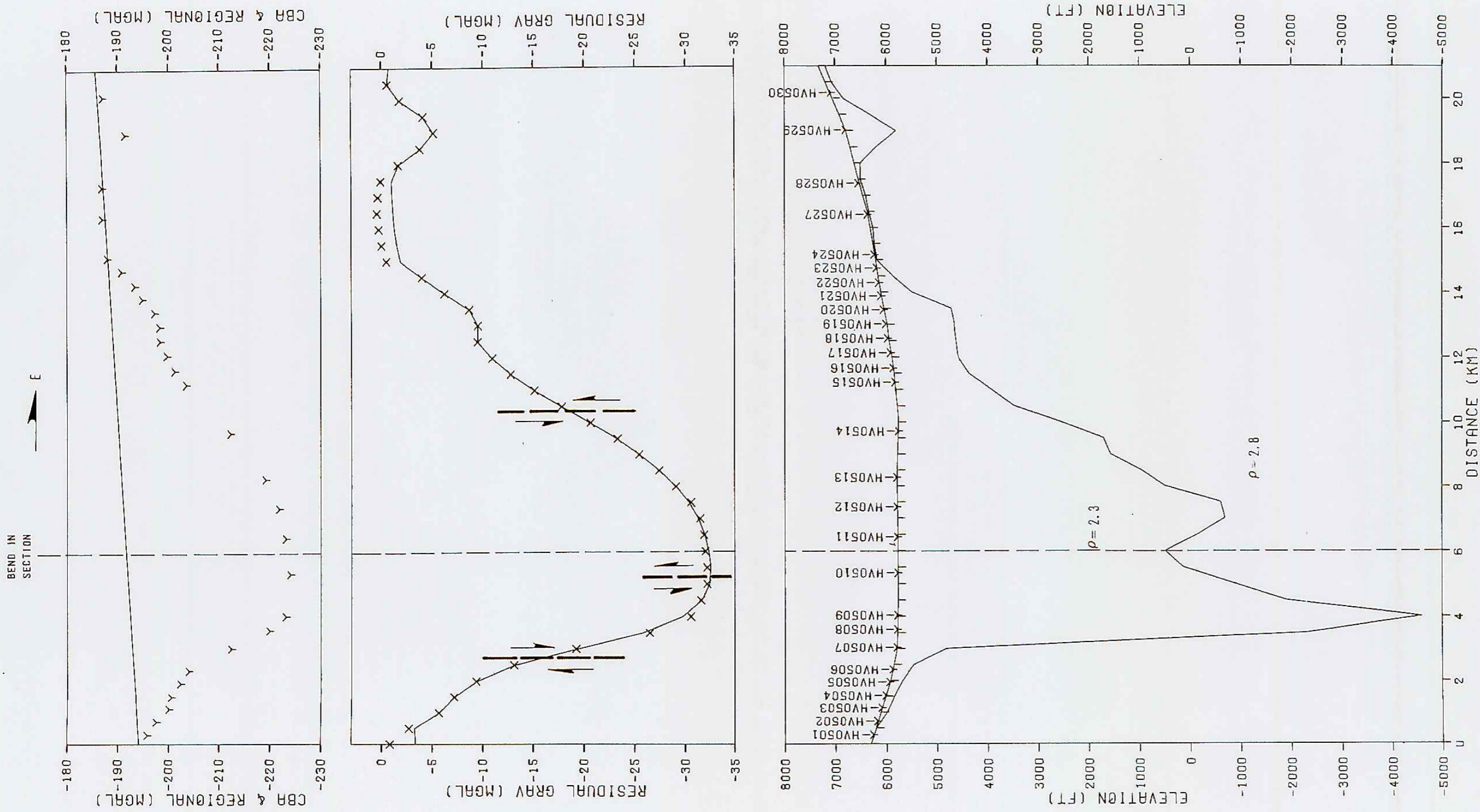
--- GRAVITY INTERPRETED FAULT LOCATION

INTERPRETED GRAVITY PROFILE HV-4  
HAMLIN VALLEY, NEVADA

MX SITING INVESTIGATION  
DEPARTMENT OF THE AIR FORCE - BMO

FIGURE  
7





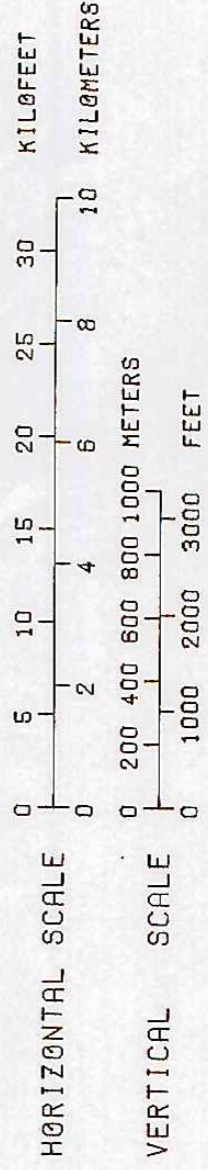
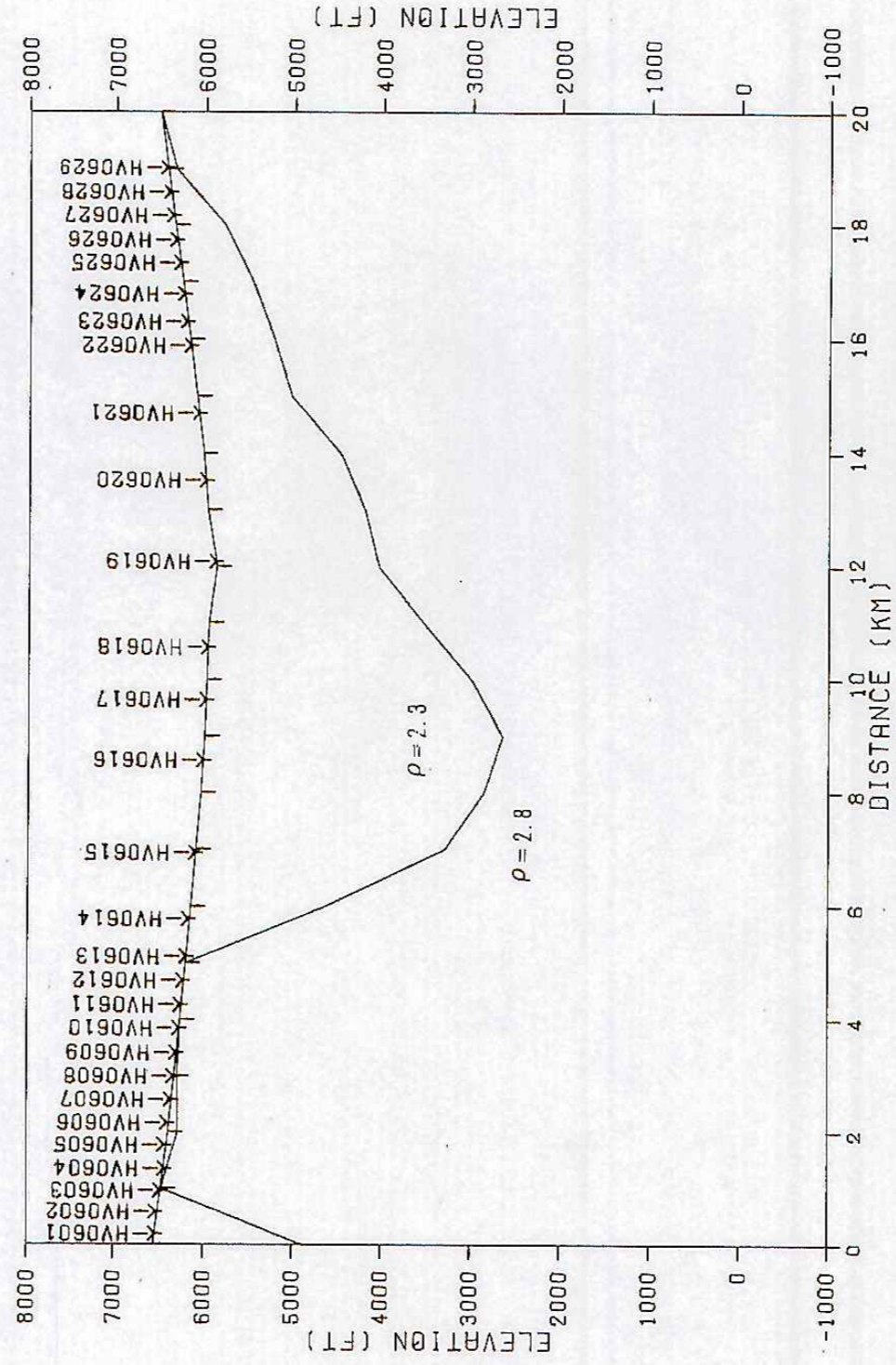
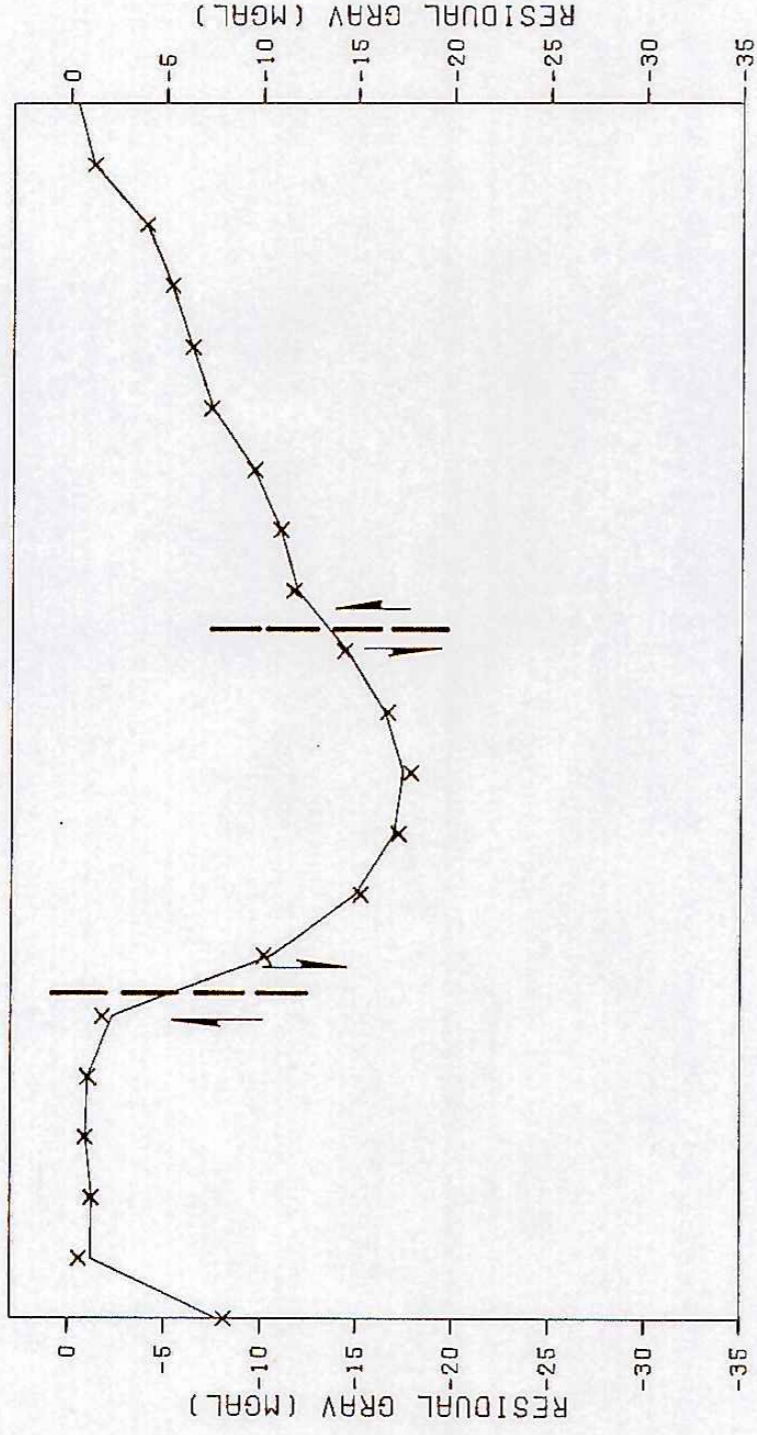
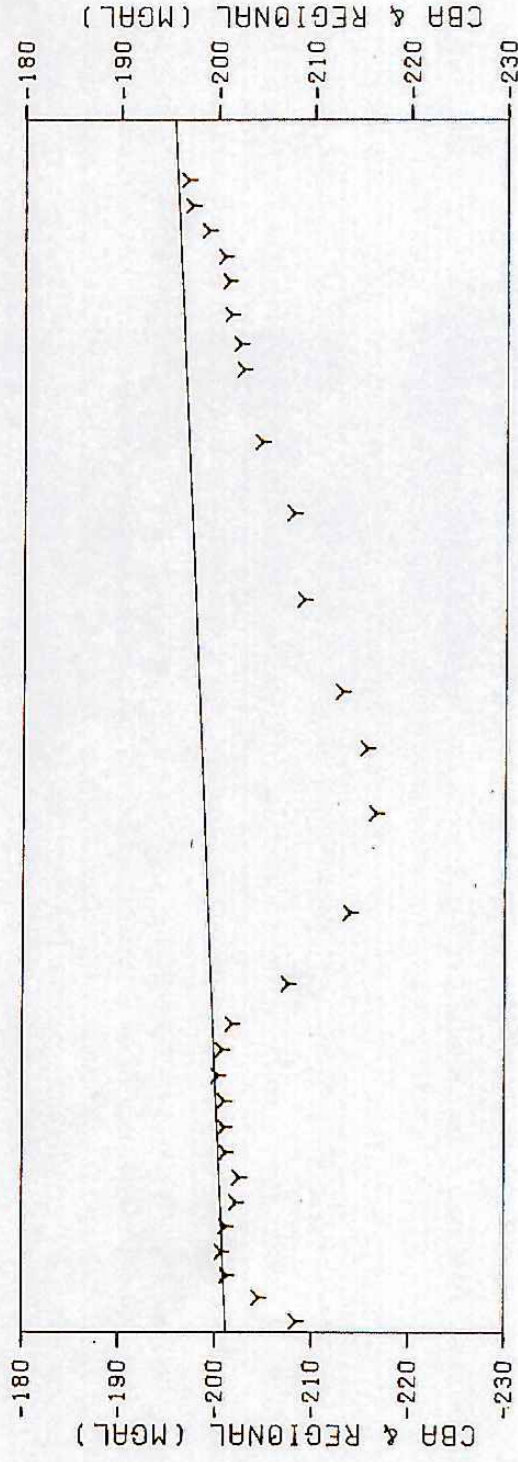
- EXPLANATION**
- TOP CBA (Y) & REGIONAL ( )
  - MIDDLE RESIDUAL GRAY: OBSERVED VALUES (INTERPOLATED) (X) CALCULATED FROM MODEL ( )
  - BOTTOM ELEVATION: STATION ELEVATIONS (Y) & IDENTIFICATION (#W0112) INTERPOLATED SURFACE ELEVATIONS ( ) MODEL OF BEDROCK SURFACE ( ) DENSITY VALUES ( $\rho = 2.3$ ) g/cm<sup>3</sup> DENSITY VALUES ( $\rho = 2.8$ ) g/cm<sup>3</sup> DISTANCE SCALE 1:125,000
- GRAVITY INTERPRETED FAULT LOCATION

INTERPRETED GRAVITY PROFILE HV-5  
 HAMLIN VALLEY, NEVADA

MX SITING INVESTIGATION  
 DEPARTMENT OF THE AIR FORCE - SAMS0

FIGURE  
 8

**JUGRO NATIONAL, INC.**



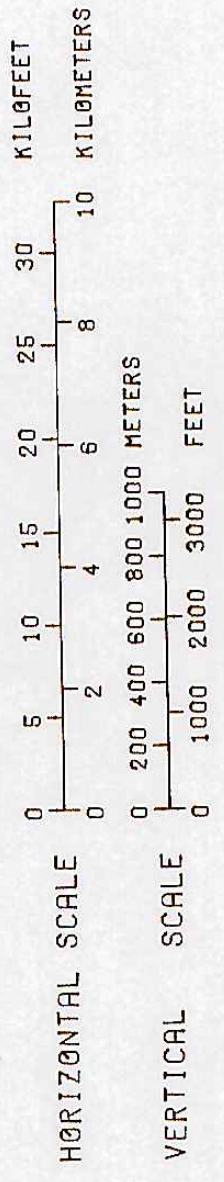
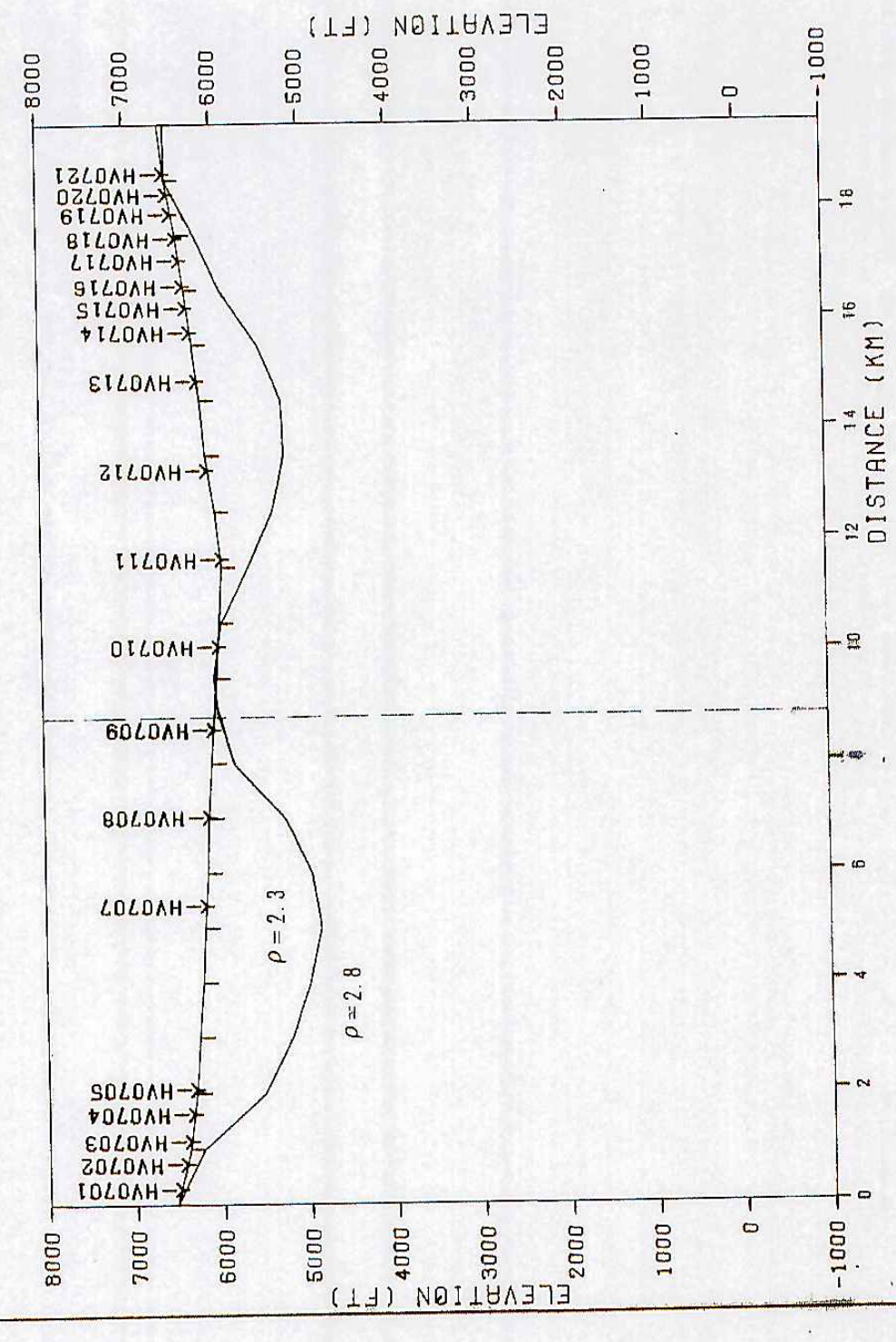
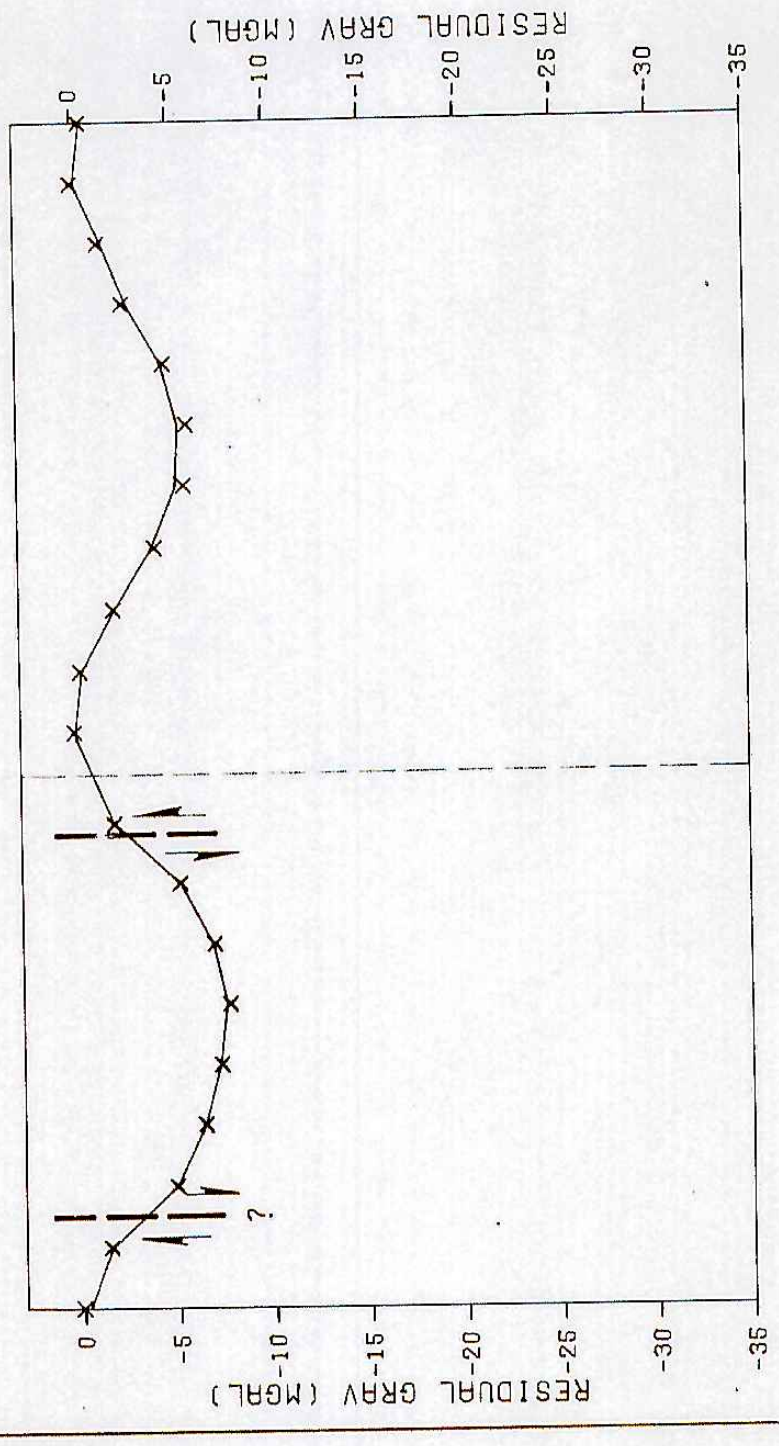
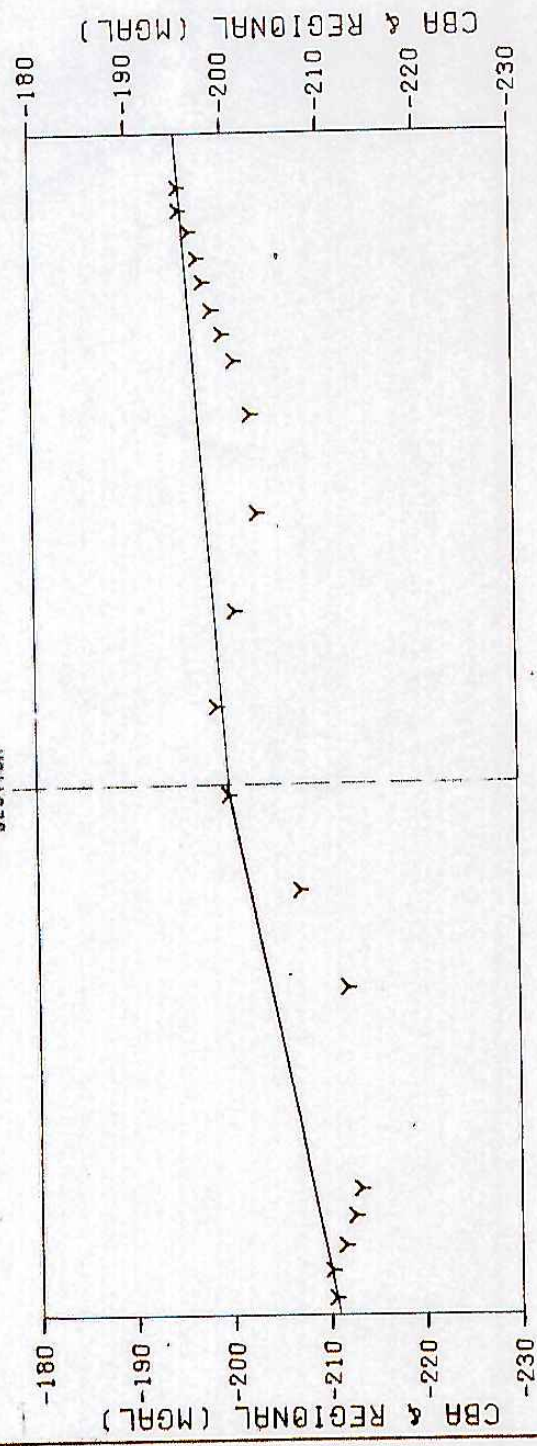
- EXPLANATION**
- TOP CBA (Y) & REGIONAL ( — )
  - MIDDLE RESIDUAL GRAV: OBSERVED VALUES (INTERPOLATED) (X)  
CALCULATED FROM MODEL ( — )
  - BOTTOM ELEVATION: STATION ELEVATIONS (Y) & IDENTIFICATION (HW0112)  
INTERPOLATED SURFACE ELEVATIONS ( — )  
MODEL OF BEDROCK SURFACE ( — )  
DENSITY VALUES ( $\rho=2.3$ ) g/cm<sup>3</sup>

— GRAVITY INTERPRETED FAULT LOCATION

<b>INTERPRETED GRAVITY PROFILE HV-6</b> HAMLIN VALLEY, NEVADA	
MX SITING INVESTIGATION DEPARTMENT OF THE AIR FORCE - BMO	FIGURE <b>9</b>
<b>JUGRO NATIONAL, INC.</b>	



NE  
BEND IN SECTION



**EXPLANATION**

- TOP CBA (Y) & REGIONAL ( )
  - MIDDLE RESIDUAL GRAV: OBSERVED VALUES (INTERPOLATED) (X)  
CALCULATED FROM MODEL ( )
  - BOTTOM ELEVATION: STATION ELEVATIONS (Y) & IDENTIFICATION (W0112)  
INTERPOLATED SURFACE ELEVATIONS ( )  
MODEL OF BEDROCK SURFACE ( )
- DENSITY VALUES ( $\rho=2.3$ ) g/cm<sup>3</sup>  
DISTANCE SCALE 1:125,000

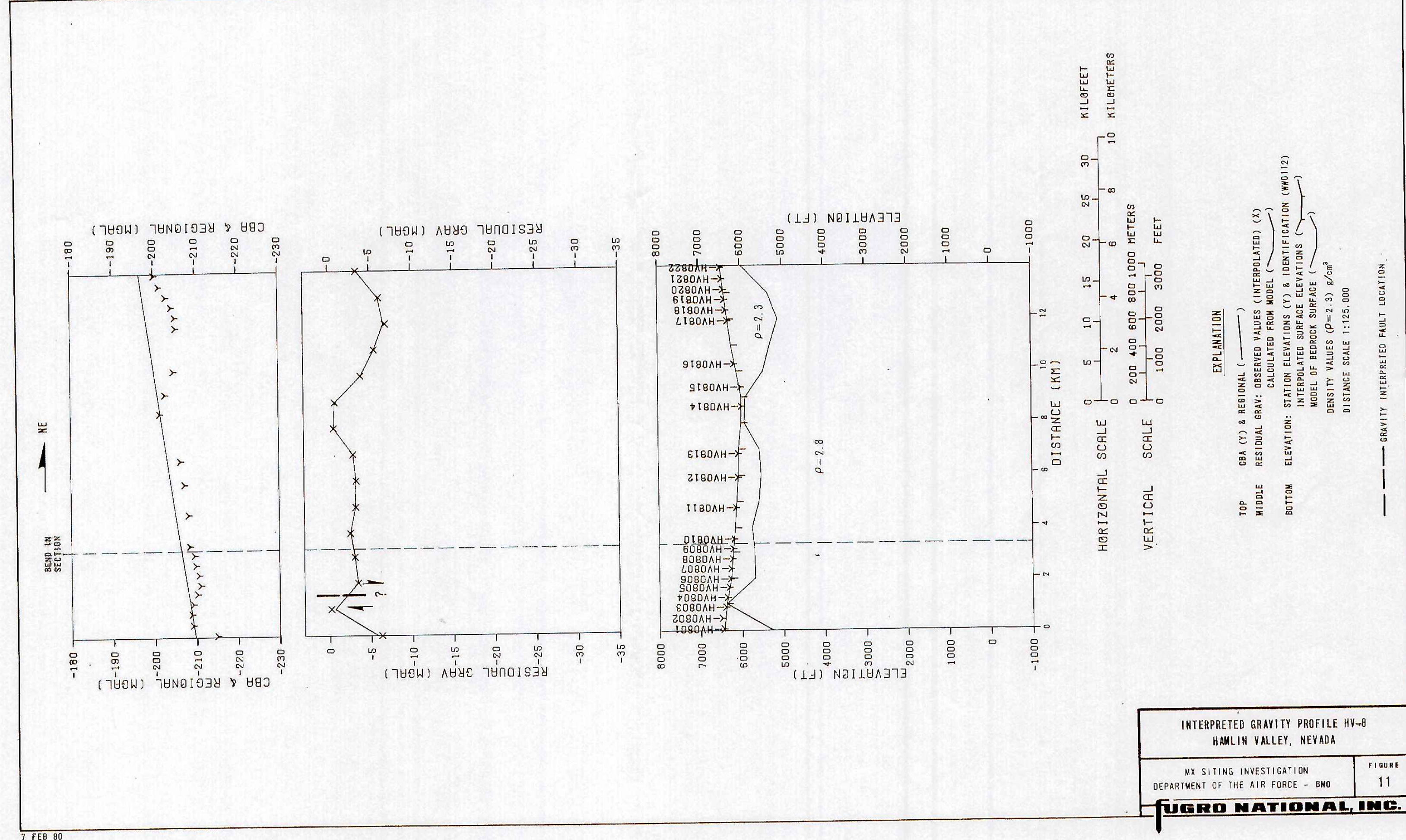
**INTERPRETED GRAVITY PROFILE HV-7  
HAMLIN VALLEY, NEVADA**

MX SITING INVESTIGATION  
DEPARTMENT OF THE AIR FORCE - DMO

**FIGURE  
10**

**JUGRO NATIONAL, INC.**

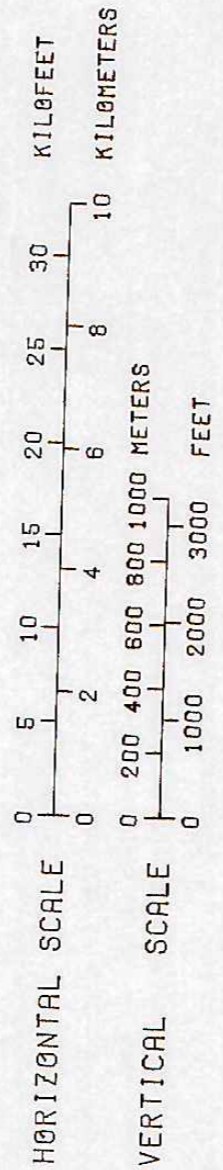
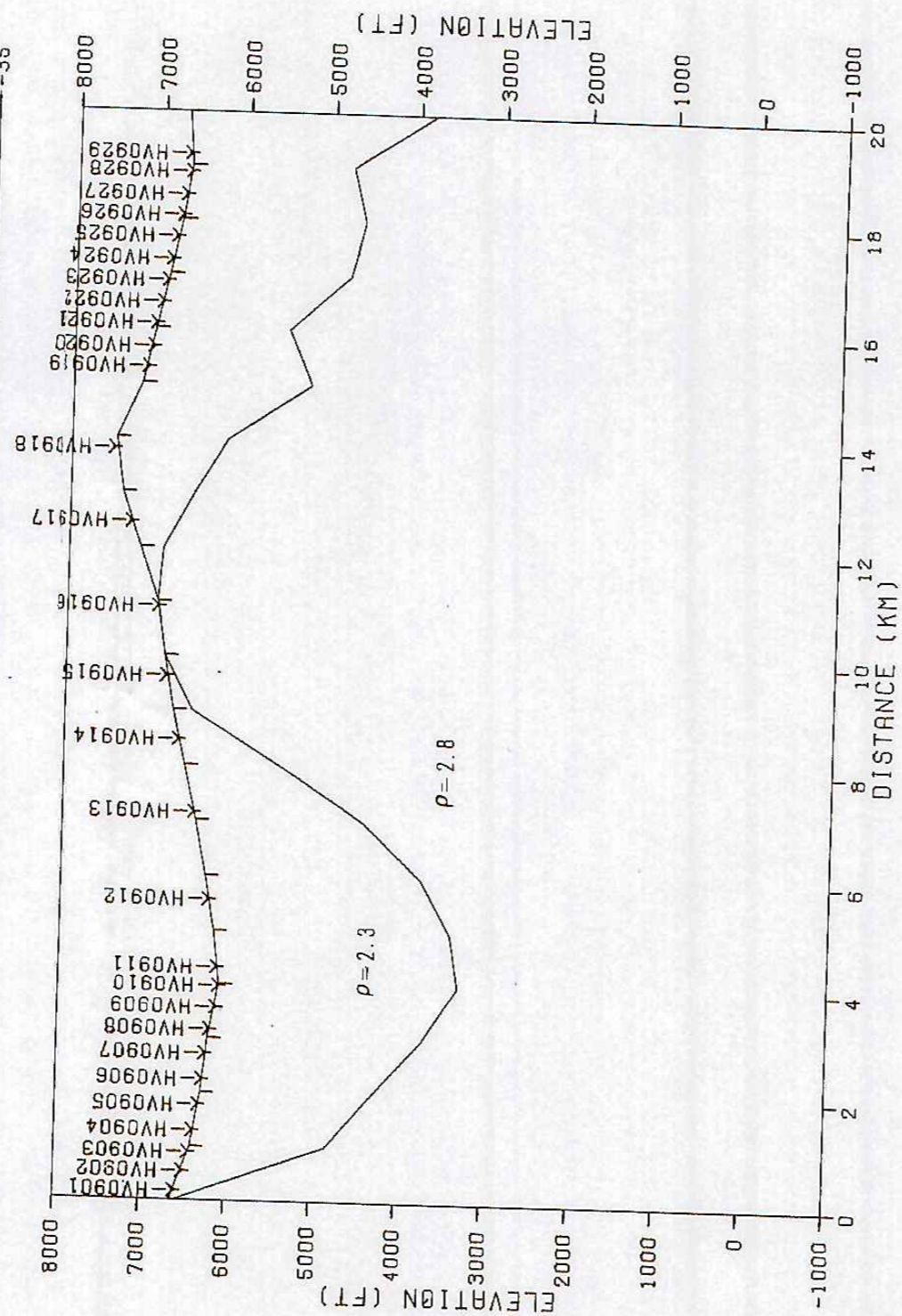
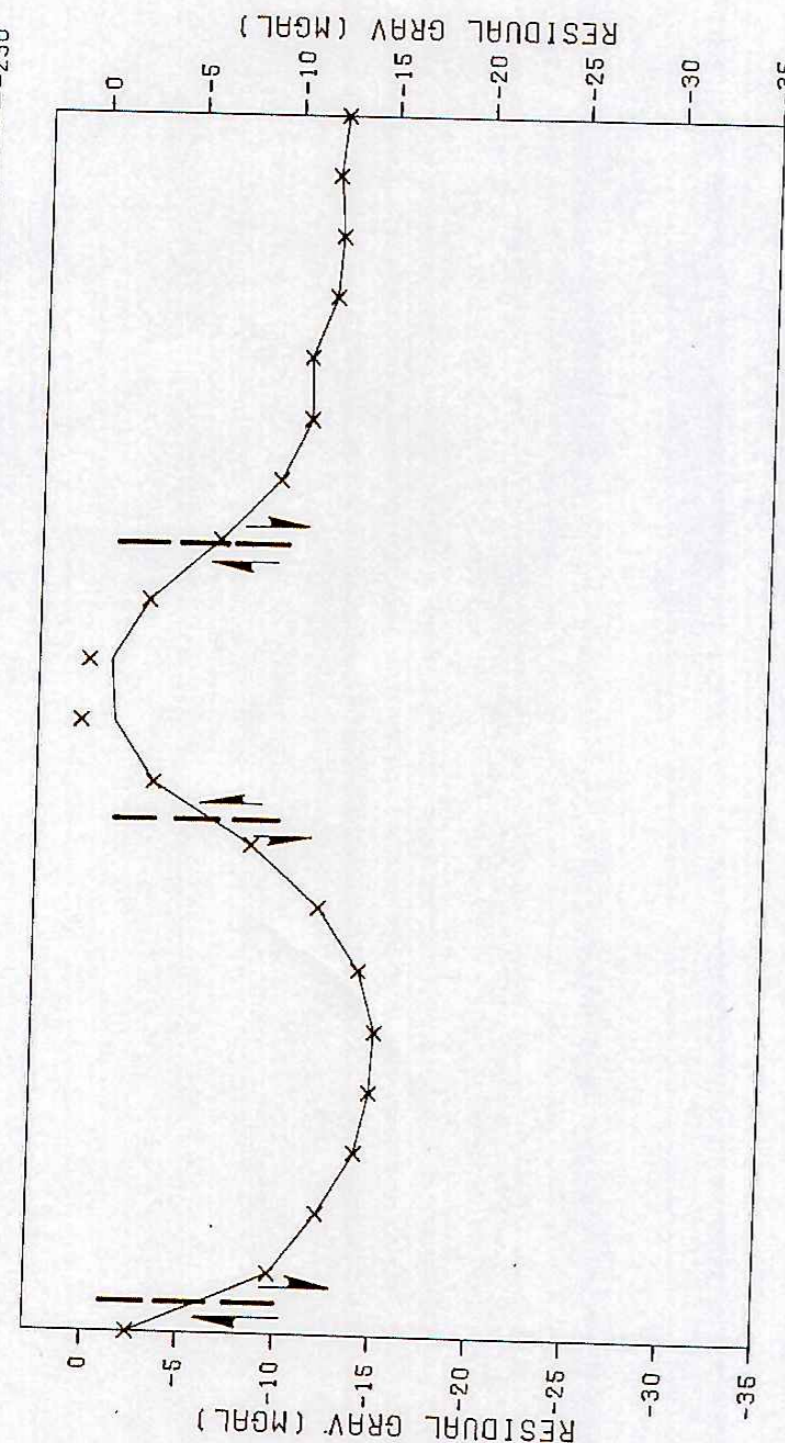
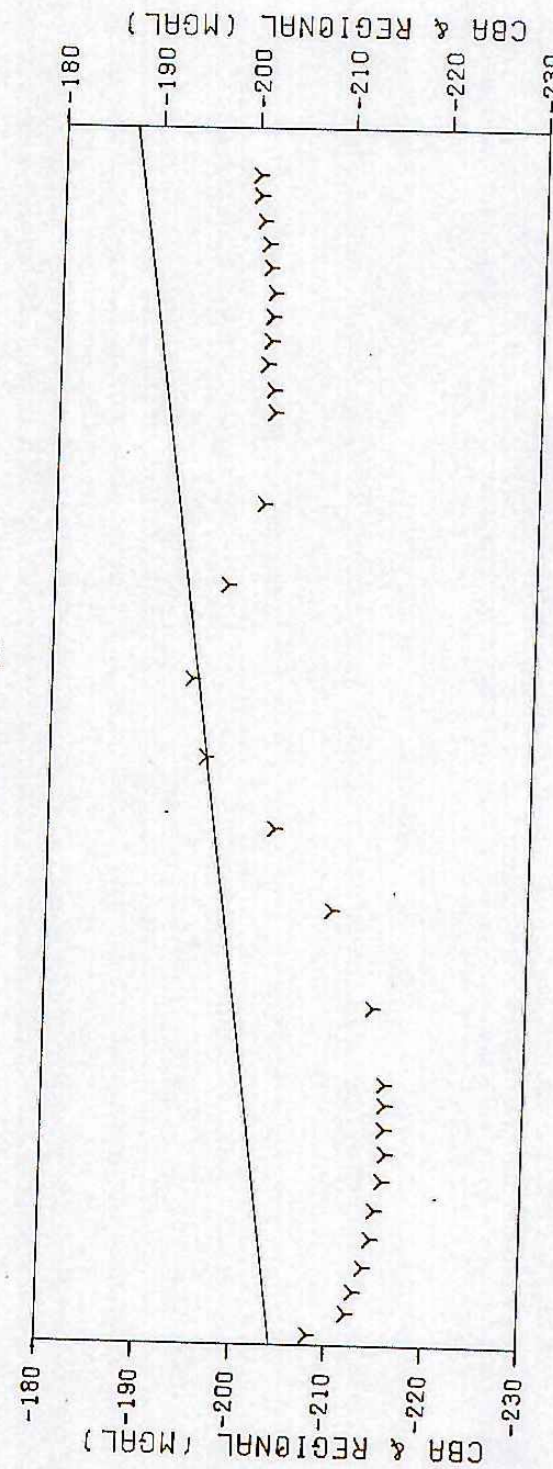
GRAVITY INTERPRETED FAULT LOCATION



INTERPRETED GRAVITY PROFILE HV-8  
HAMLIN VALLEY, NEVADA

MX SITING INVESTIGATION DEPARTMENT OF THE AIR FORCE - BMO	FIGURE 11
--	--------------

**UGRO NATIONAL, INC.**



- EXPLANATION**
- TOP CBA (Y) & REGIONAL ( )
  - MIDDLE RESIDUAL GRAY: OBSERVED VALUES (INTERPOLATED) (X)  
CALCULATED FROM MODEL ( )
  - BOTTOM ELEVATION: STATION ELEVATIONS (Y) & IDENTIFICATION (HW0112)  
INTERPOLATED SURFACE ELEVATIONS ( )  
MODEL OF BEDROCK SURFACE ( )  
DENSITY VALUES ( $\rho=2.3$ ) & ( $\rho=2.8$ )

--- GRAVITY INTERPRETED FAULT LOCATION

INTERPRETED GRAVITY PROFILE HV-9 HAMLIN VALLEY, NEVADA	
MX SITING INVESTIGATION DEPARTMENT OF THE AIR FORCE - BMO	FIGURE 12
<b>UGRO NATIONAL, INC.</b>	

