

Airborne Gravity & Seismic Services Ltd.

Calgary

Alberta

#311, 330 - 9TH AVE. S.W.

CALGARY 2, ALBERTA

PHONE 403 - 264-3434

June 10th, 1971

017984

Mr. J. Brock,
Dynasty Exploration,
Box 218,
Faro, Yukon.

John:

In order to get this to you as soon as possible, we are omitting the final drafting. I will keep the originals and we will transfer the pencil work to them at a later date - whenever it is convenient for you to return these.

Below is a free interpretation.

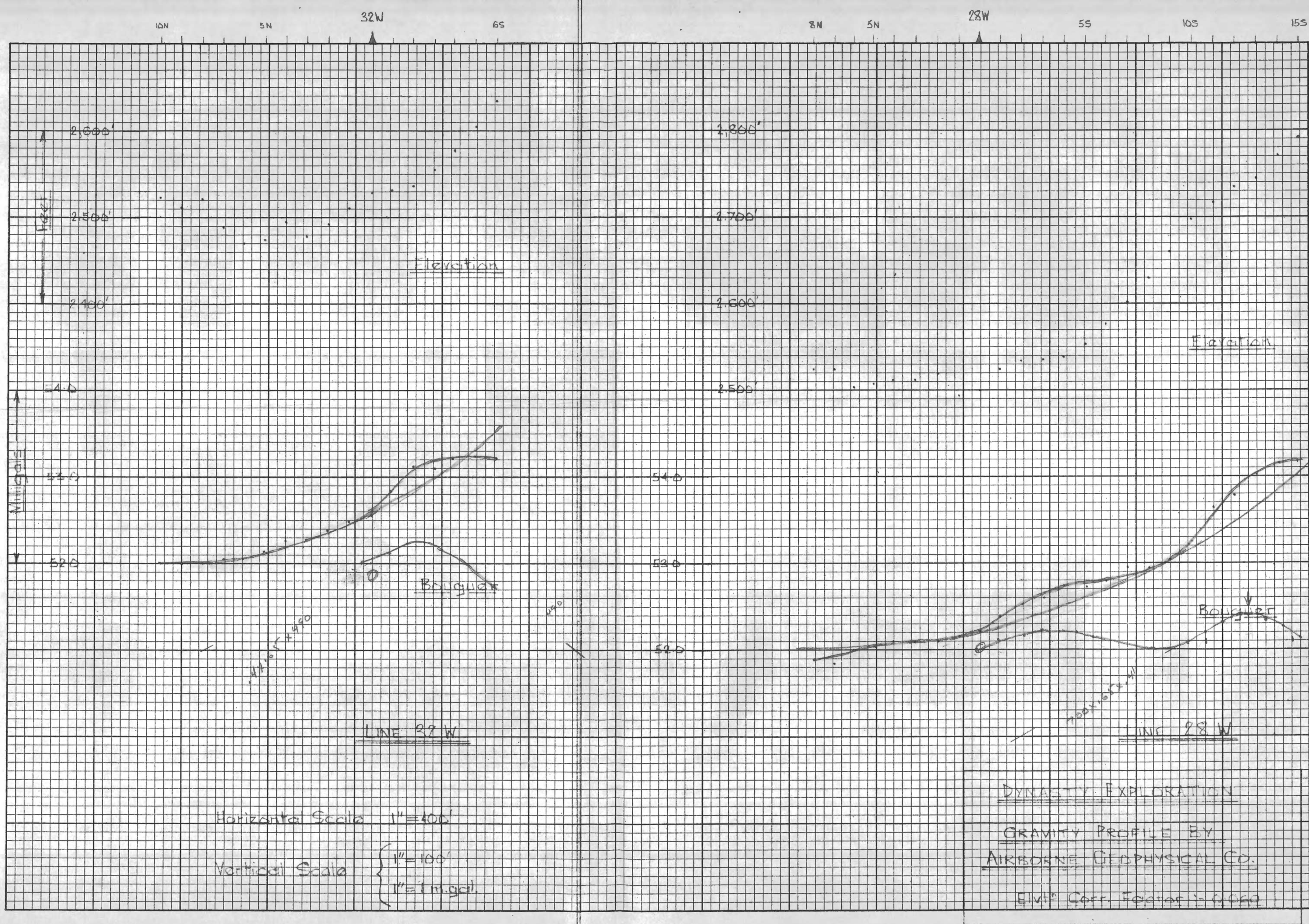
1. None of the residual positives has much "clout".
2. At the intersection of 16W and the baseline, I could get only 0.25 mgal. Maximum depth is 150'. Looks suspiciously like an overburden effect.
3. The long trend from 16W to 32W also has a maximum relief of 0.25 mgal. Maximum depth is 130'. Its linearity and the possibility that more relief may exist to the west make this more interesting. It could represent a near vertical vein or system of veinlets of sulphides or other heavy material.
4. The most promising anomaly peaks at about 12S on line 28W. Amplitude is over 0.4 mgal, and computed maximum depth is 190'. It is open to the west.
5. The higher topography to the south is underlain by rocks of greater density than 2.7. Therefore, a sulphide deposit within these rocks would have a lesser contrast than the 0.9 we normally expect, and anomaly amplitude would be smaller for a given

sized deposit than we usually see. Therefore, a 0.4 mgal positive - such as that at 12S on line 28W - has greater significance here than in most areas of the Yukon.

Yours very truly,

A handwritten signature in cursive script, appearing to read "R. B. Galeski".

R. B. Galeski



32W 28W 20W 16W 8W

2,600'
2,500'
2,400'

Feet

Elevation

530
520
510

Mills

Bouguer

BASE LINE

657 1000
3.3

Horizontal Scale 1" = 400'

Vertical Scale { 1" = 100'
1" = 1 mgal.

DYNASTY EXPLORATION

GRAVITY PROFILE BY
AIRBORNE GEOPHYSICAL CO.

Elev. Corr. Factor = 0.000

K&E
10 X 12 INCHES
KENTLER & EBER CO.
MADE IN U.S.A.
41 0203

K&E
10 X 12 INCHES
KENNEL & EGGES CO.
MADE IN U.S.A.
41 0203

4N

8W

5S

10S

17S

2,600'

2,500'

2,400'

Elevation

57.0

51.0

50.0

Bouguer

LINE 8W

Horizontal Scale 1"=400'

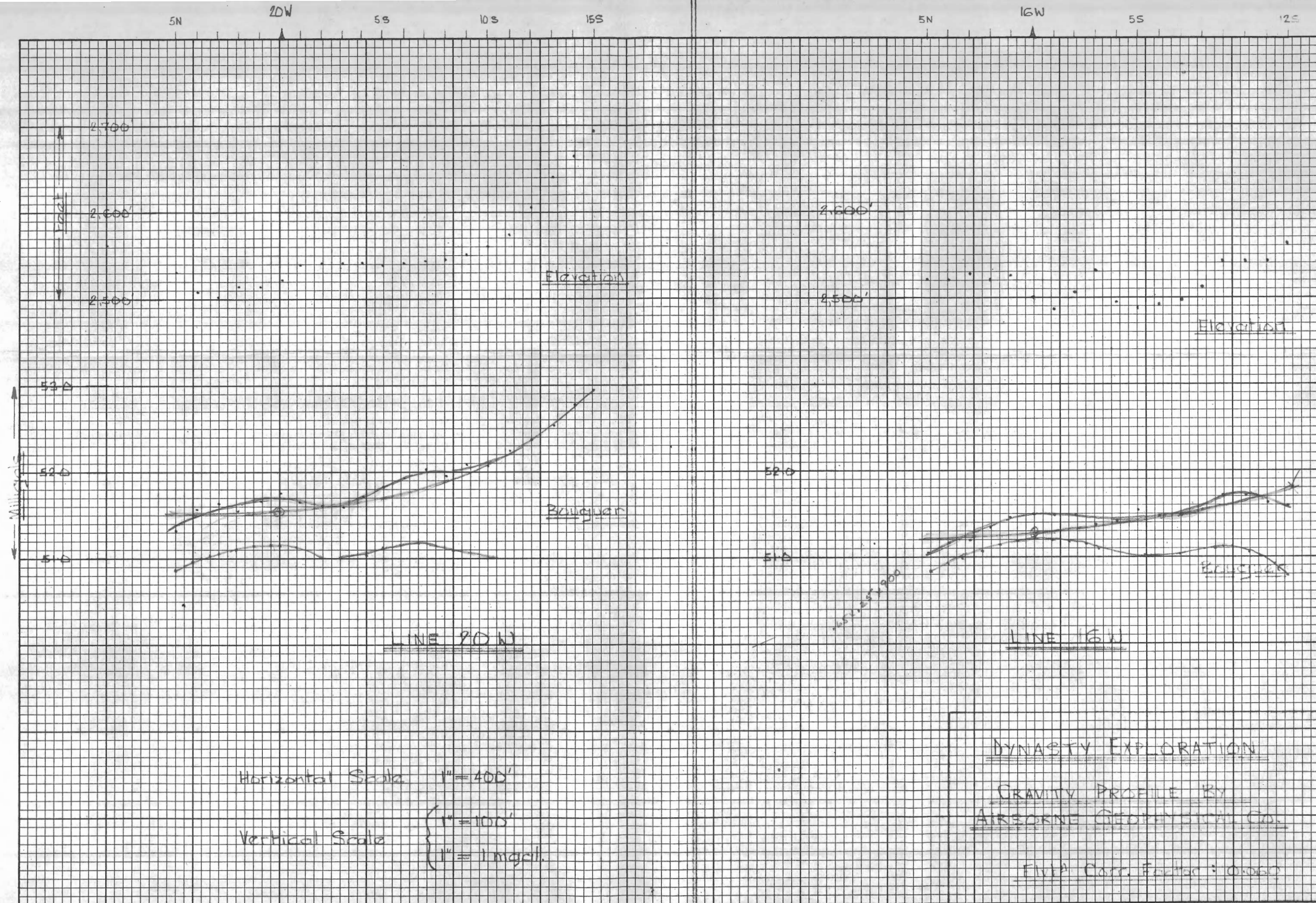
Vertical Scale { 1"=100'
1"=1 mgal

DYNASTY EXPLORATION

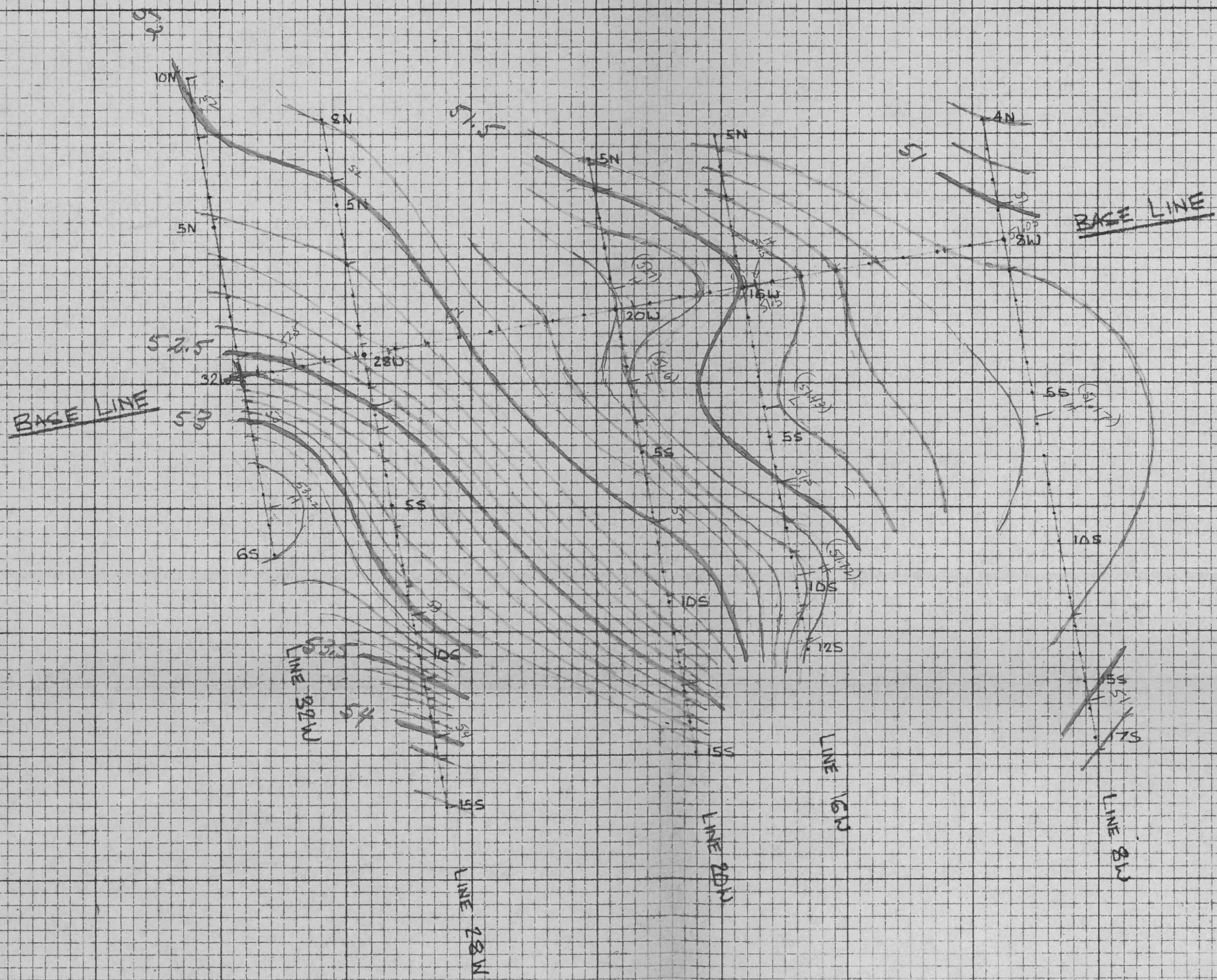
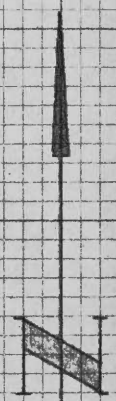
GRAVITY PROFILE BY
AIRBORNE GEOPHYSICAL CO.

Elev. Corr. Factor = 0.060

K&E
10 X 12 INCHES
KENTLET & ERSER CO.
MADE IN U.S.A.
A7 0203



GRAVITY LAT. CORR LINE
0.00



DYNASTY EXPLORATION

SCALE 1" = 400'

Bouguer Gravity

C.1. = 0.1 mgal

RBG

JUNE 1971



SCALE 1" = 400'

Bouguer Gravity
C.B. = 0.1 mgal

RBG
June 1971

