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Canada

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6 AUG 975
MINING
RECORDERS OFFICE
WHITEHORSE, Y.T.

Office Of The Supervising Mining Recorder
AUG 12 1975
WHITEHORSE
Yukon Territory

SUMMARY

An exploratory gravity survey over two separate grids on mineral claims owned by the Anvil Range Syndicate has revealed one gravity anomaly of possible economic importance. On the Wop Claims Grid, the gravity high anomaly represents an excess of mass source that has not yet been determined by surface work or by diamond drilling done to date. The correlation of this anomaly with pyrrhotite and scheelite mineralization make it a target of economic importance. Further rock density, overburden depth estimates and diamond drilling should be done to delineate the nature of the source.

The gravity data over the Chap Claims Grid is in accordance with the known geology and does not appear to exhibit any anomalies worthy of further investigation.

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of $ _____

November 18, 1974
Resident Geologist or
Resident Mining Engineer

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

Commissioner of Yukon Territory

Respectively submitted,

Charles A. Ager, M.Sc.

Geophysicist

RECEIVED
AUG 14 1975
MINING
INSPECTORS OFFICE
WHITEHORSE, Y.T.

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LIST OF FIGURES

LOCATION & DATE OF SURVEY

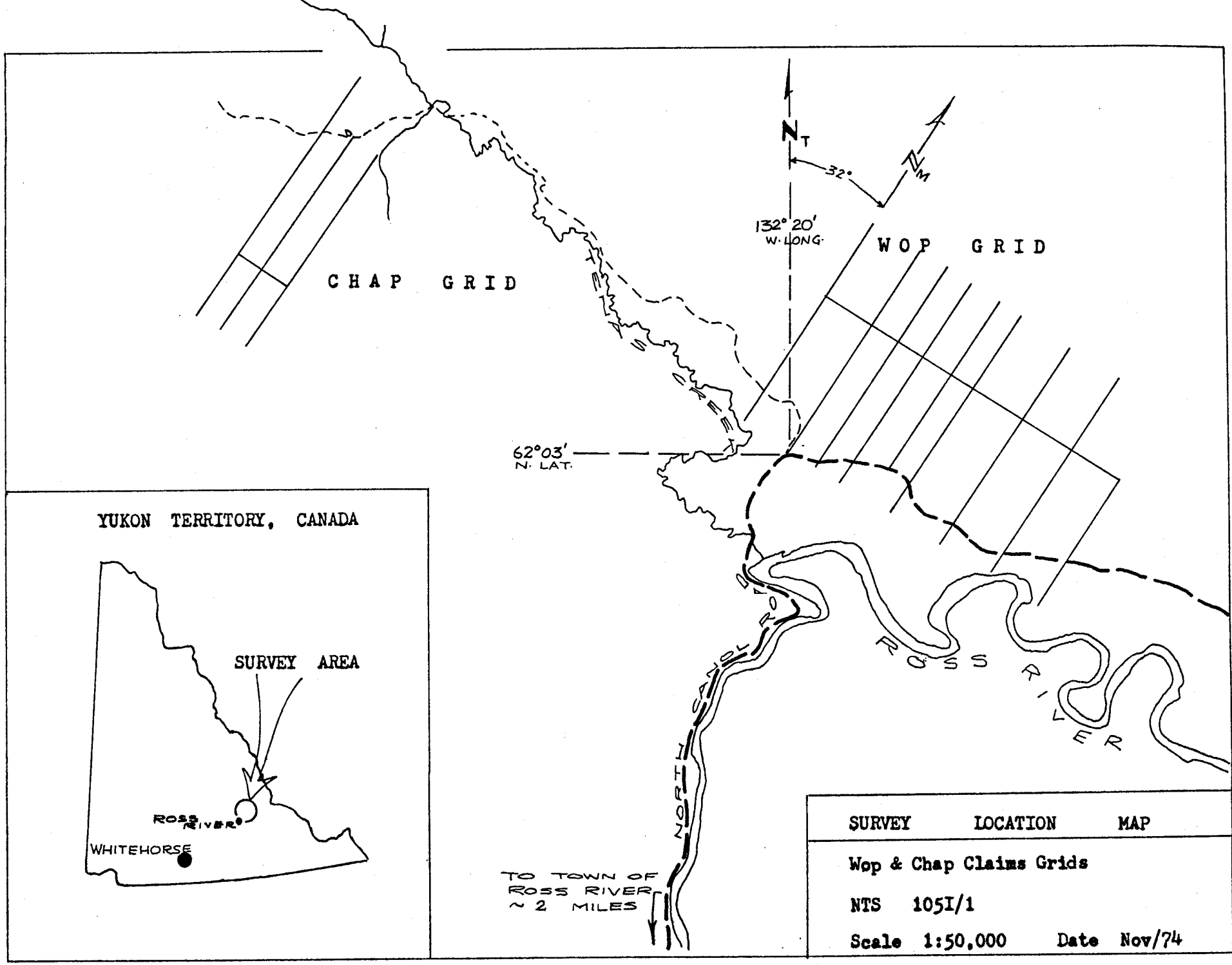
Location: Anvil Range Syndicate's mineral claims;
Wop and Chap Claims Grid,
Tenas Creek Area, Yukon Territory, Canada.
62°03' N Lat. by 132°20' W Long.
NTS map sheet 105K/1

Date: Field Observations August 13 - September 7, 1974
Data Reduction and Interpretation October 15 - November 18,1974

SURVEY PROCEDURE

Two different areas were surveyed within mineral claims owned by the Anvil Range Syndicate. These two grids are shown on the Survey Location Map, Figure 1, and are referred to as the Wop and the Chap Grids. Survey procedures were identical for each area.

Gravity observations were taken at 200 foot intervals along cut and surveyed grid lines as shown on Figure1. In general, the grid lines run Magnetic North (032 for the Wop, 033 for the Chap) and are 1000 - 2000 feet in east-west spacing. Exact locations of gravity stations are plotted in Figures 2 and 12 for the Wop and Chap areas respectively. Each base point was tied to the



SURVEY LOCATION MAP
Wop & Chap Claims Grids
NTS 105I/1
Scale 1:50,000 Date Nov/74

FIGURE 1

National Gravity Network by an ex-center tie to Geodetic Bench Mark 72Y223 (Al Kuhlan's home, Ross River, YT) where the observed gravity value was estimated to be 981,824.6 mgals. The appropriate total field gravity values are:

Wop Base Point	981,822.19 mgals
Chap Base Point	981,815.37 mgals

Gravity station elevations were determined by a level survey to a relative accuracy of better than $\pm$ 0.10 foot for each station. The elevation at the Wop Base Point was tied to Geodetic Bench Mark 73Y106 (N.Canol Road, elevation = 2376.507) and was calculated to be 2493.50 feet. The elevation of the Chap Base Point was picked from NTS map sheet 105I/1 to be 2649 feet. Outside the grid region, the elevations were determined from 1:50,000 maps enlarged to 1"=1000 feet. The contoured elevation maps for the Wop and Chap grids are given in Figures 2a, 2b and Figure 12 respectively.

INSTRUMENTATION & CREW

The vertical component of the gravitational field was observed using a LaCoste & Romberg Model G Gravity Meter (#232). Most observed gravity readings were within the dial range 5300 -5400 for which the instrument constant was 1.05545 mgal/division. This instrument exhibited very little drift (average drift less than 0.10 mgal/10 hours). Observed gravity values are accurate to

±0.02 mgals.

Elevation control was maintained using a Nikon Level (#21806) supplemented by a 15½ foot rod with 0.01 foot graduations. All elevation closures were better than 0.30 feet, and when averaged over the loop yielded elevations accurate to better than ±0.10 foot for each station.

Senior geophysicist and party chief was C.A.Ager, geophysicist/instrument operator was Gordon Ellis, and field assistant was Chris Greer.

BOUGUER GRAVITY

The Complete Bouguer Gravity Maps (Figures 5 and 15) represent the relative gravity field corrected for the effects of drift, latitude, free air, Bouguer slab and terrain. The elevation factor (change of gravity with elevation) for each of the grid surveys was determined in the following manner:

(1) The adjusted gravity (observed - latitude effect - terrain effect) was plotted against elevation. A least mean square fit of a straight line to the data yields the elevation datum (elevation at zero gravity) and the regional elevation factor (slope of the line).

(2) The histogram of elevation factors for each station are plotted. The modal value of this distribution is taken as the best elevation factor for data reduction.

(3) If the gravity-elevation plot and the histogram yield different elevation factors, then there is a correlation of gravity to elevation still present in the data. This will result in an enhancement of the regional field that is present in the complete Bouguer gravity map.

(4) The Bouguer density for data reduction is then calculated from the elevation factor.

The regional gravity field is found by fitting a plane to all the gravity data. The residual gravity map is then calculated by removing the regional plane from the complete Bouguer gravity data. The "noise field" is removed by filtering the gravity maps using a low pass filter with appropriate cutoff wavenumber. This filtering results in "smooth" looking maps which are more representative of the gravity field of interest.

Since the gravity data differs in detail between the two grids that were surveyed, discussion and interpretation will be confined to two separate sections: the Wop gravity data, and the Chap gravity data.

WOP GRAVITY DATA

The elevation map determined for the Wop grid area is given in Figures 2a and 2b. Terrain effects on each station were calculated

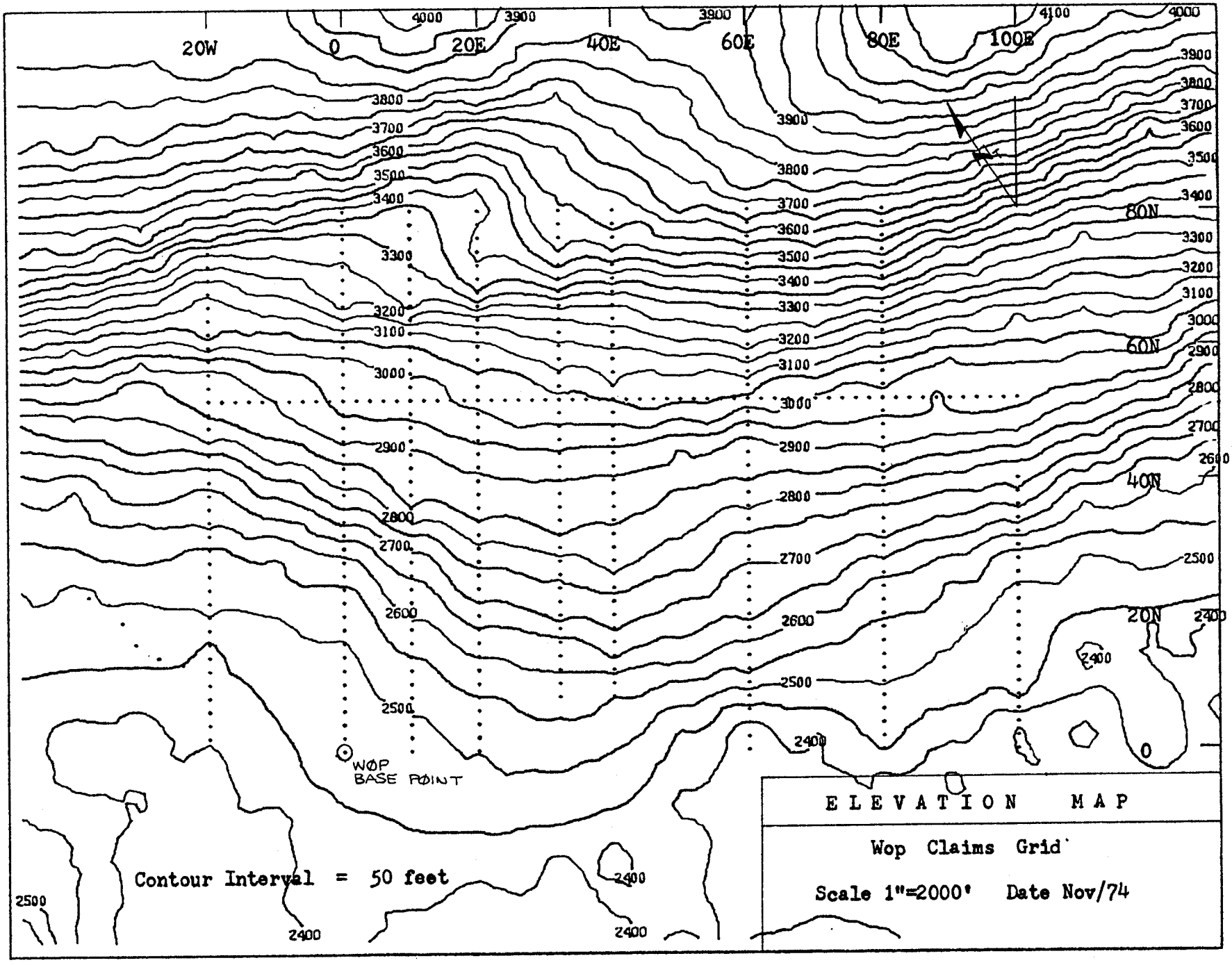

20W
0
20E
40E
60E
80E
100E
80N
60N
40N
20N
WOP
BASE POINT
Contour Interval = 50 feet
ELEVATION MAP
Wop Claims Grid
Scale 1"=2000' Date Nov/74

FIGURE 2a

from this map out to a radius of 2400 feet about each station. The plot of gravity-elevation for the Wop grid is given in Figure 3. The LMS fit straight line determines the elevation datum for data reduction to be 2496.1 feet. The histogram of elevation factors relative to this datum is given in Figure 4. The distribution is bi-modal. The main mode occurs at 0.0605 mgal/ft with a secondary mode at 0.0630 mgal/ft. By comparing this to the gravity-elevation plot, Figure 3, we observe that 0.0630 appears to be the better choice for data reduction. However, 0.0630 corresponds to a Bouguer density of 2.40 g/cc which is substantially lower than the measured densities in the survey area. Even with some overburden of density 1.90 g/cc, this 2.40 value is too low. Using 0.0605 mgal/ft we calculate a Bouguer density of 2.60 g/cc which was used for determining the Complete Bouguer Gravity Map, Figures 6a and 6b.

The Residual Gravity Map, Figures 7a and 7b, was found by removing the regional plane from the complete Bouguer gravity map. The plane equation* is $-.14448 + .00018815x - .00030691y$ mgals. In addition, smoothed versions of these maps are given in Figures 6a, 6b, 8a and 8b. The filter used was a low pass type with cutoff at 0.10 cycle per data interval, where the data interval = 200 feet.

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* The origin of the plane is as shown on Figure 7a, 7b with units in feet and mgals.

GRAVITY V.S. ELEVATION PLOT - WOP GRID

FIGURE 3

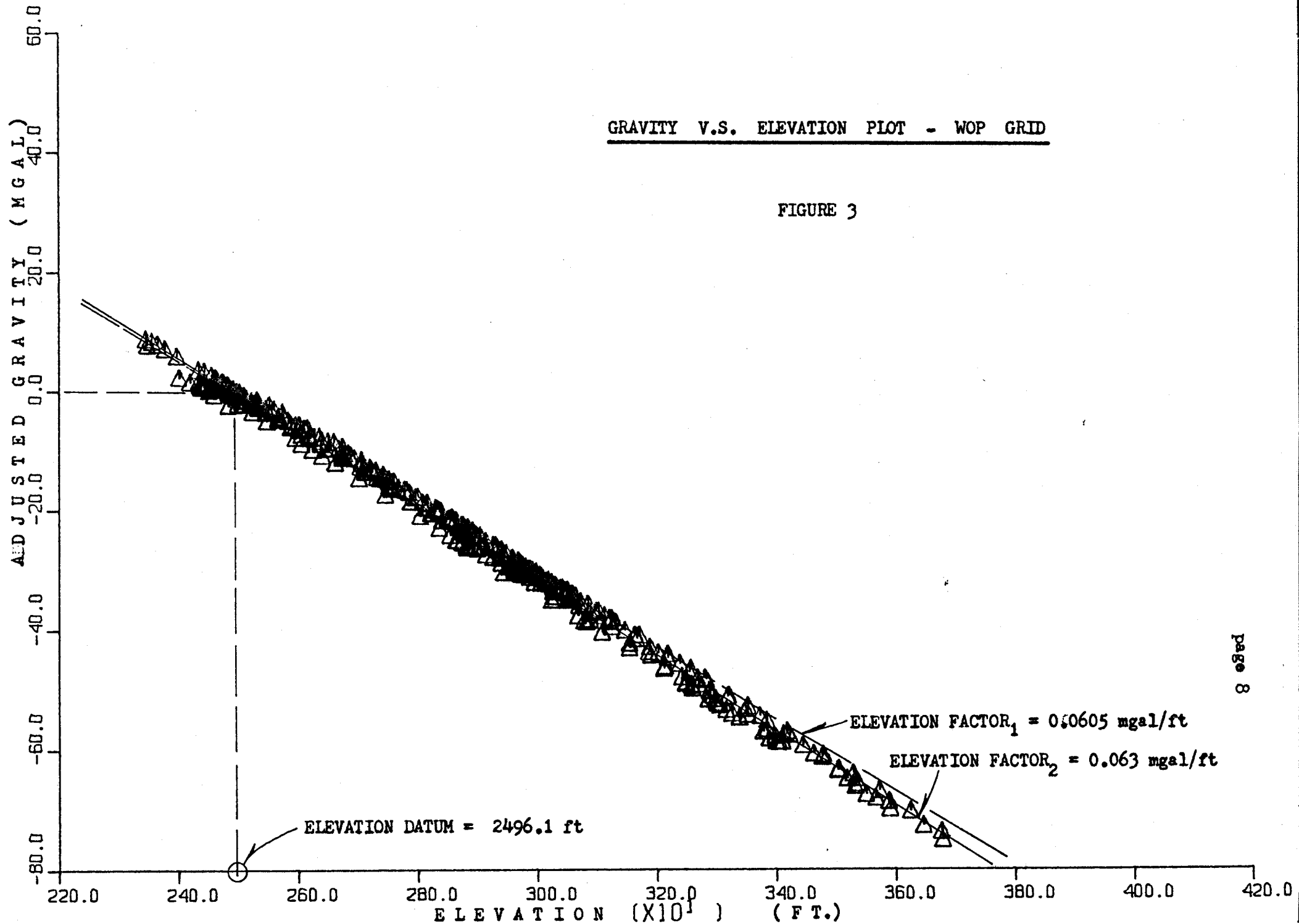
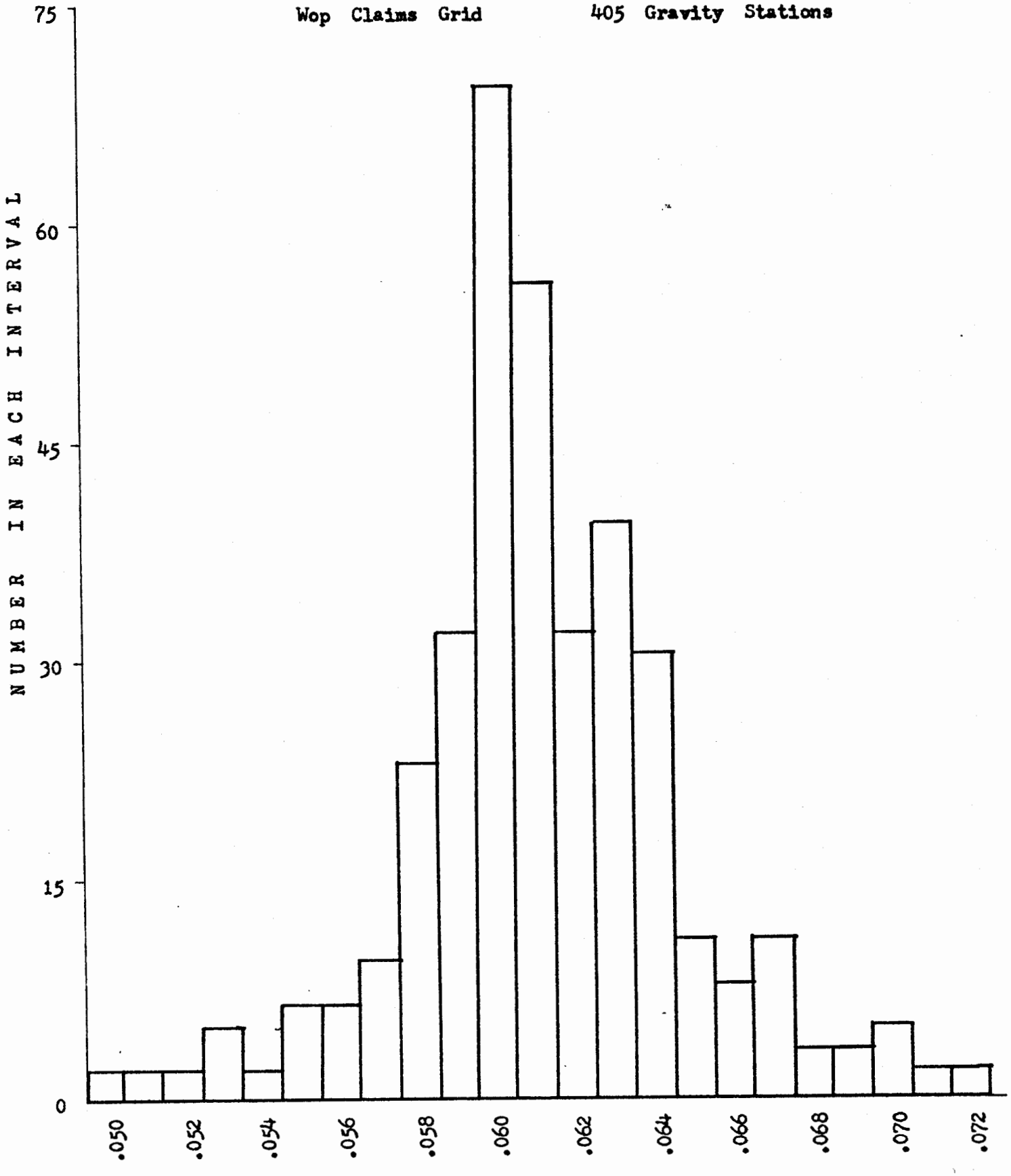


FIGURE 4

HISTOGRAM OF ELEVATION FACTORS

Wop Claims Grid 405 Gravity Stations



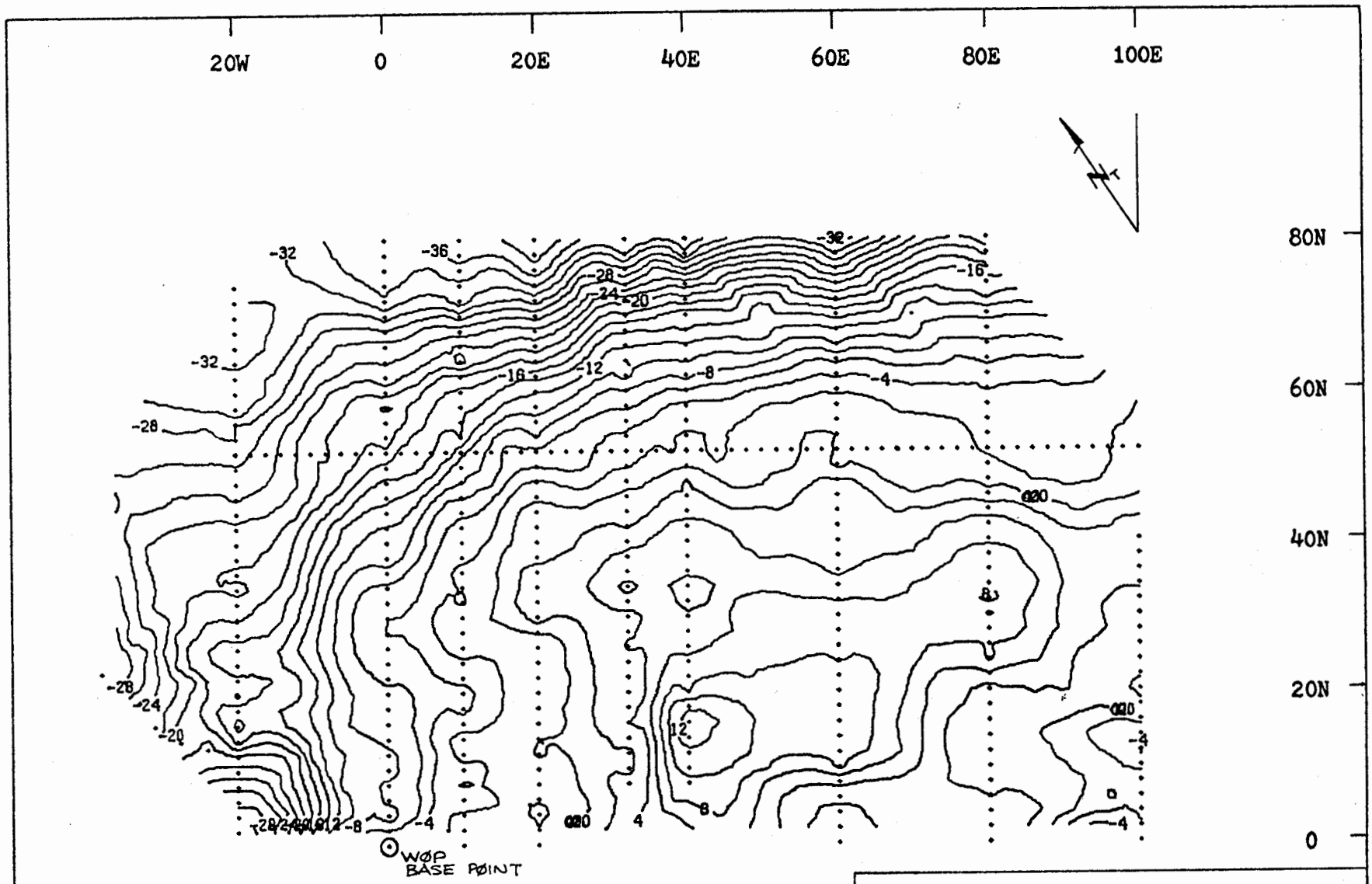

20W
0
20E
40E
60E
80E
100E
80N
60N
40N
20N
0
-32
-36
-28
-24
-20
-16
-12
-8
-4
020
4
8
12
WØP
BASE PØINT
Contour interval = 2 gravity units
Bouguer density = 2.60 g/cc
COMPLETE BOUGUER GRAVITY MAP
Wop Claims Grid
Scale 1"=2000' Date Nov/74

FIGURE 5a

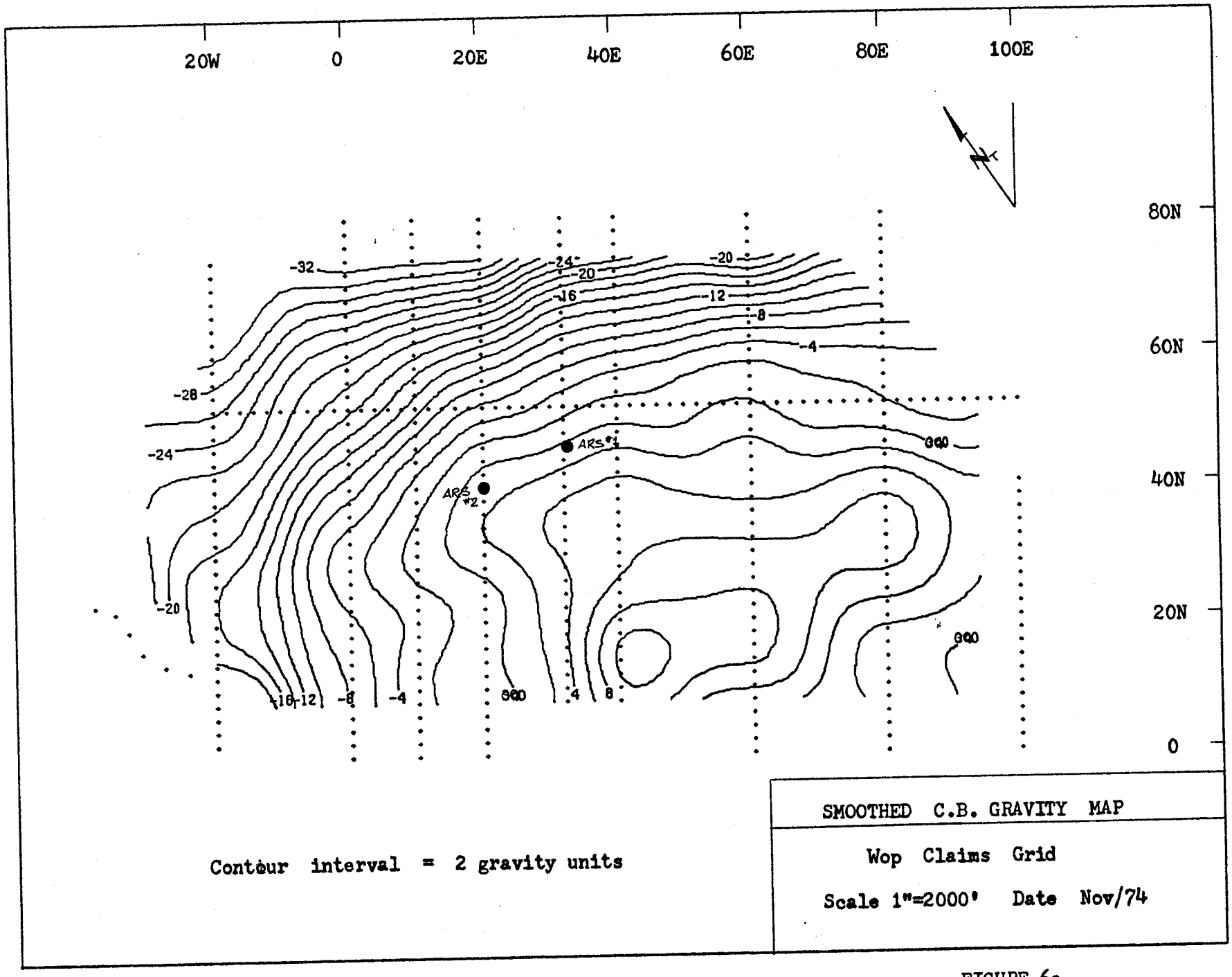

20W
0
20E
40E
60E
80E
100E
80N
60N
40N
20N
0
-32
-24
-20
-16
-12
-8
-4
-28
-24
-20
-16
-12
-8
-4
0
4
8
ARS #1
ARS #2
Contour interval = 2 gravity units
SMOOTHED C.B. GRAVITY MAP
Wop Claims Grid
Scale 1"=2000' Date Nov/74

FIGURE 6a

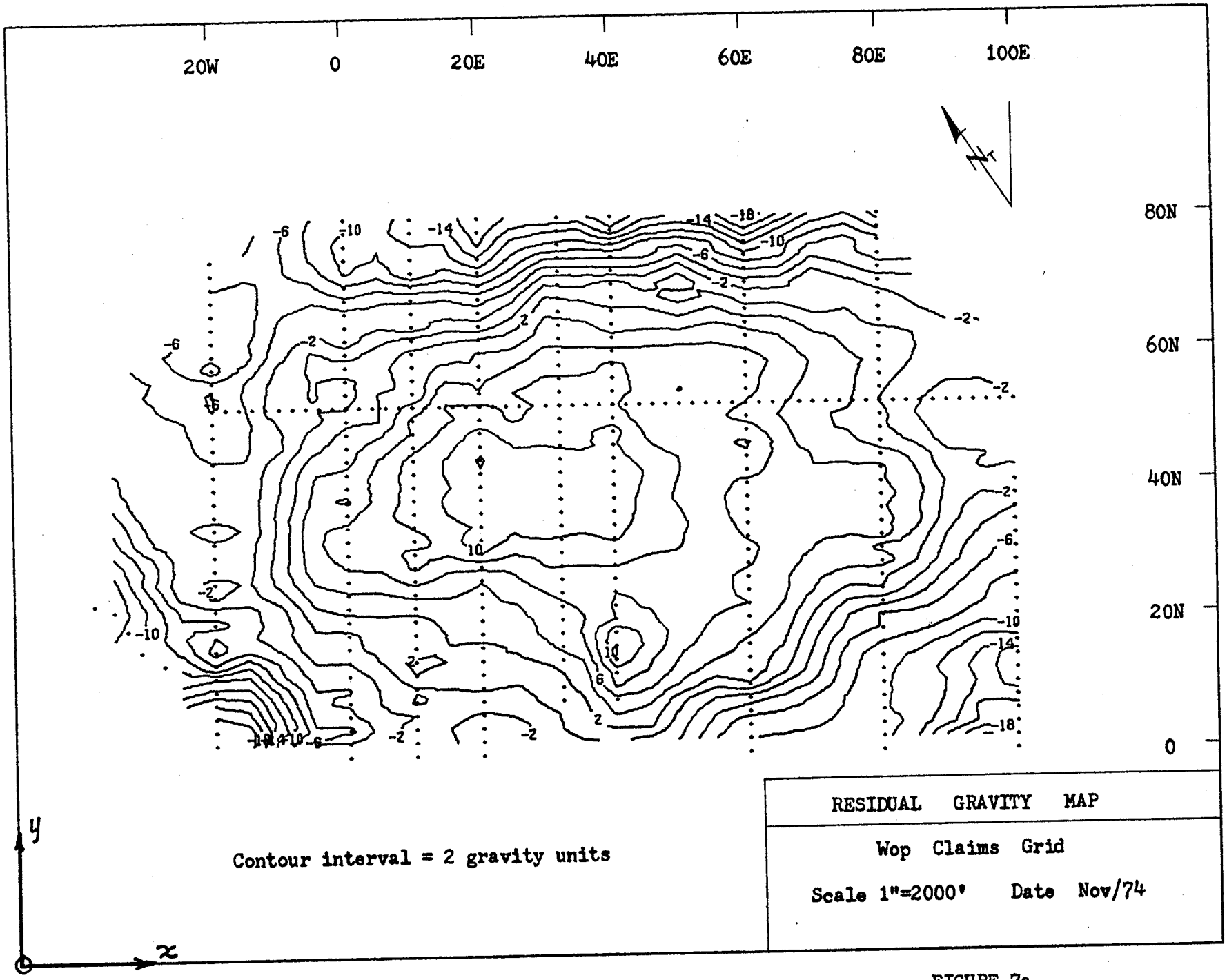

20W
0
20E
40E
60E
80E
100E
80N
60N
40N
20N
0
RESIDUAL GRAVITY MAP
Wop Claims Grid
Scale 1"=2000'
Date Nov/74
Contour interval = 2 gravity units
y
x

FIGURE 7a

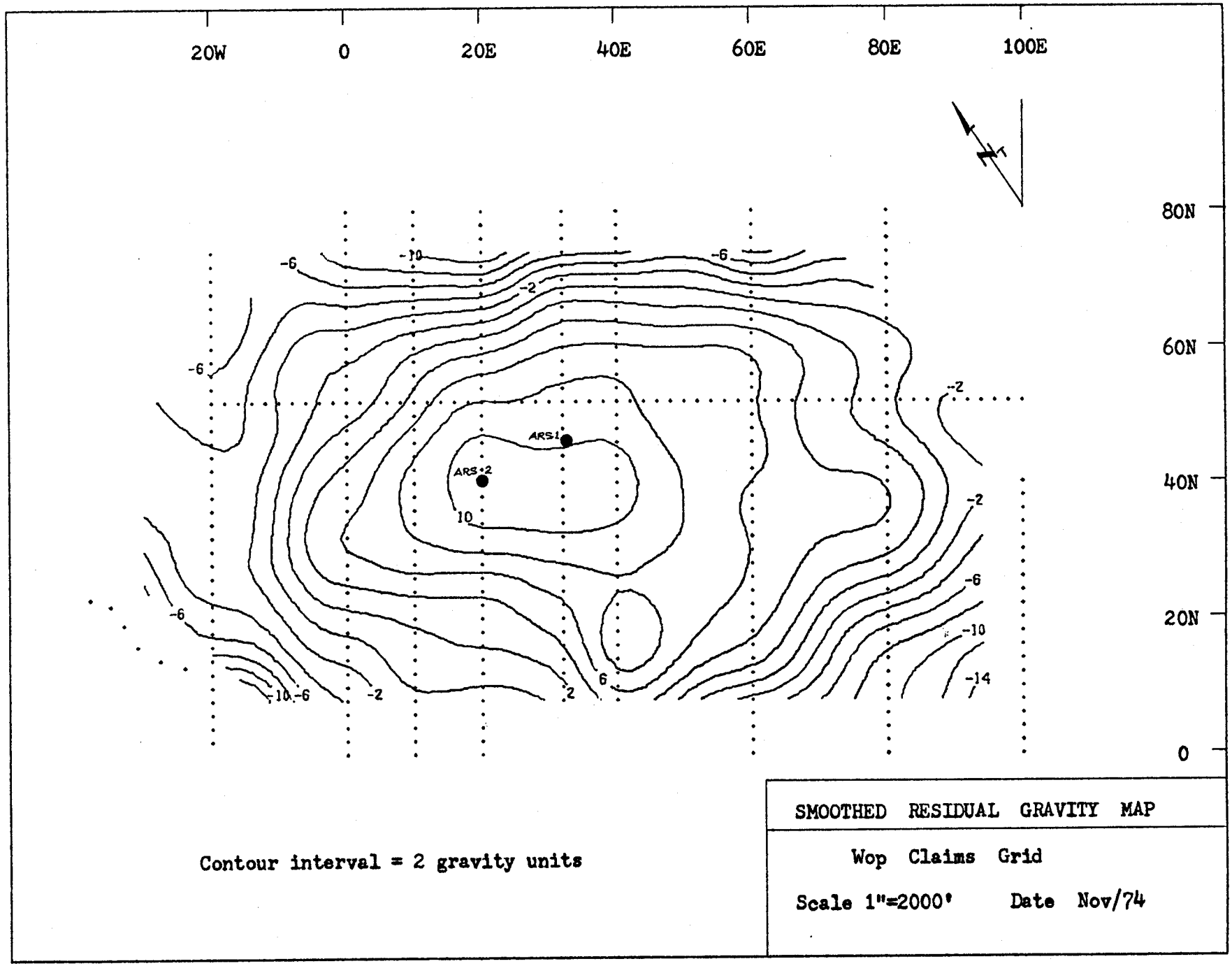
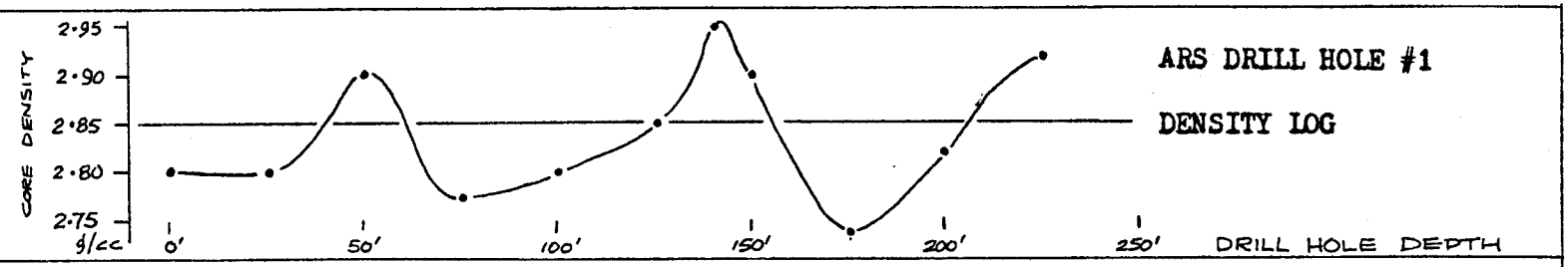

20W
0
20E
40E
60E
80E
100E
80N
60N
40N
20N
0
ARS1
ARS2
-6
-10
-2
6
10
-14
SMOOTHED RESIDUAL GRAVITY MAP
Wop Claims Grid
Scale 1"=2000'
Date Nov/74
Contour interval = 2 gravity units

FIGURE 8a

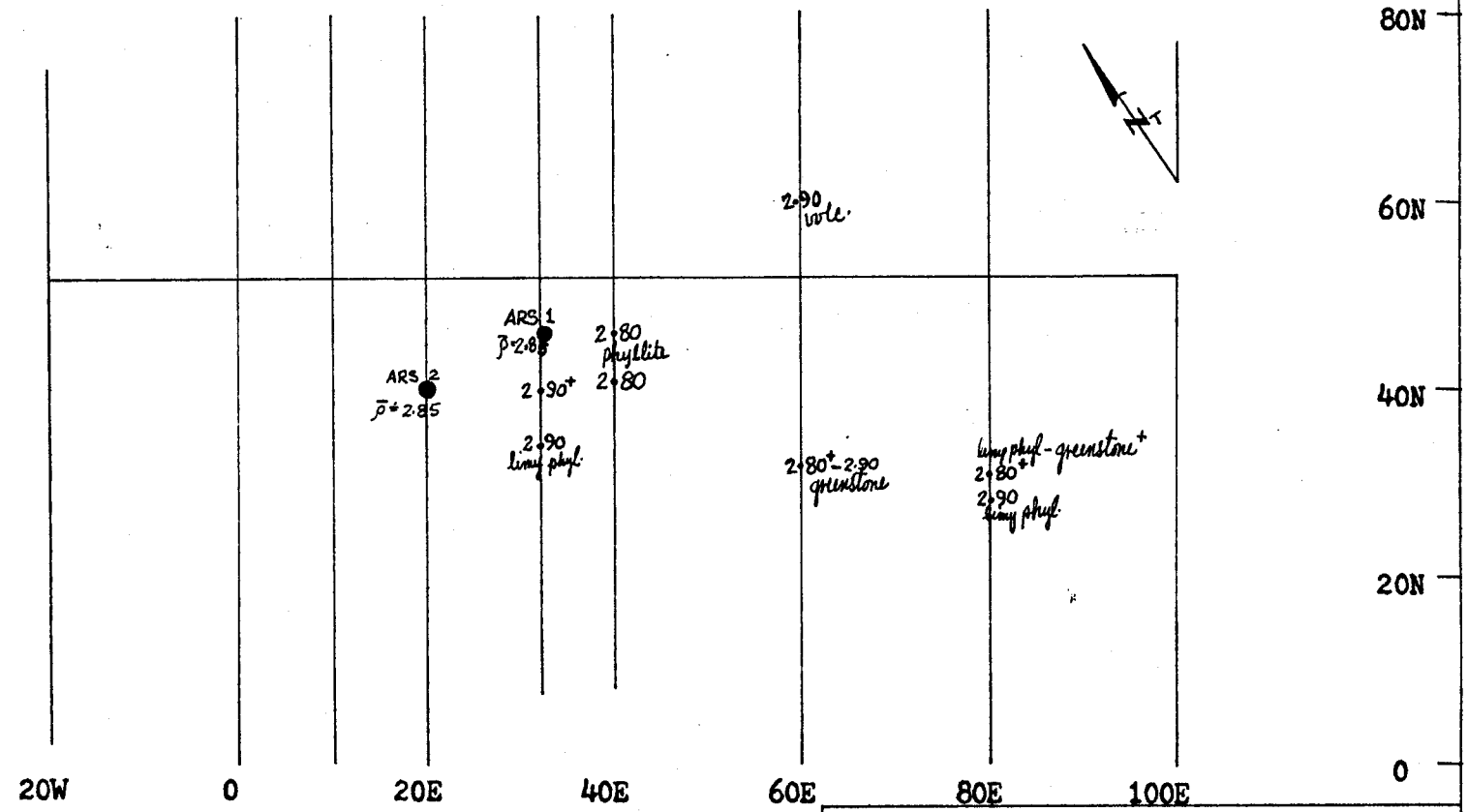
Rock densities were determined for several sample suites collected within the survey area. These values together with density data for ARS #1 drill hole are plotted in Figure 9. Generally speaking, the limy phyllites, the greenstones and the volcanics exhibit densities which average 2.90 g/cc. The phyllites generally have density around 2.80 g/cc. Since there is a region of density high rocks enclosing the less dense phyllites, one would expect to observe a gravity low over the survey area. However, inspection of the residual gravity maps, Figures 7 and 8, indicates the presence of a broad table-top gravity high over the central part of the Wop grid. There is also a subtle high region bounded by 10E - 50E and 30N - 52N. Two drill holes in this area indicate the presence of pyrrhotite in phyllites which might explain the local .40 mgal (4 gu) anomaly. However, the density log of ARS #1, Figure 9, indicates only a narrow zone of rock above 2.90 g/cc. To explain the anomaly, a unit 300 feet thick with density 3.00 g/cc is required.

To determine the effect of overburden on the gravity anomaly, R. Chaplin estimated overburden thickness for the eastern part of the Wop grid,, Figure 10. Using a density of 1.90 g/cc for overburden and 2.80 g/cc for bedrock, the gravity effect due to variation in overburden thickness was calculated, Figure 11.



ARS DRILL HOLE #1

DENSITY LOG



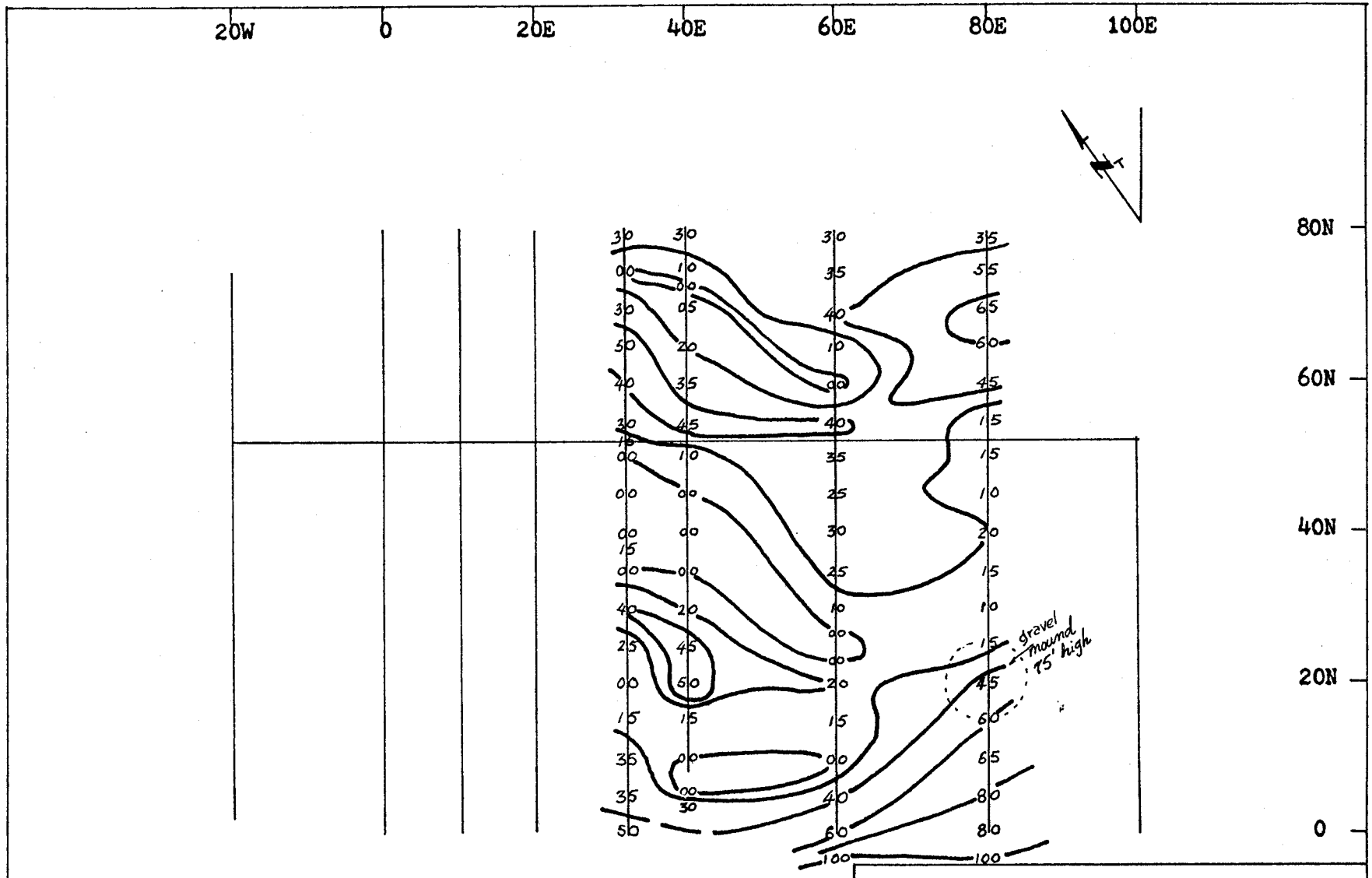
Rock densities in g/cc

ROCK DENSITY & ARS #1 DENSITY DATA

Wop Claims Grid

Scale 1"=2000' Date Nov/74

FIGURE 9



OVERBURDEN DEPTH MAP

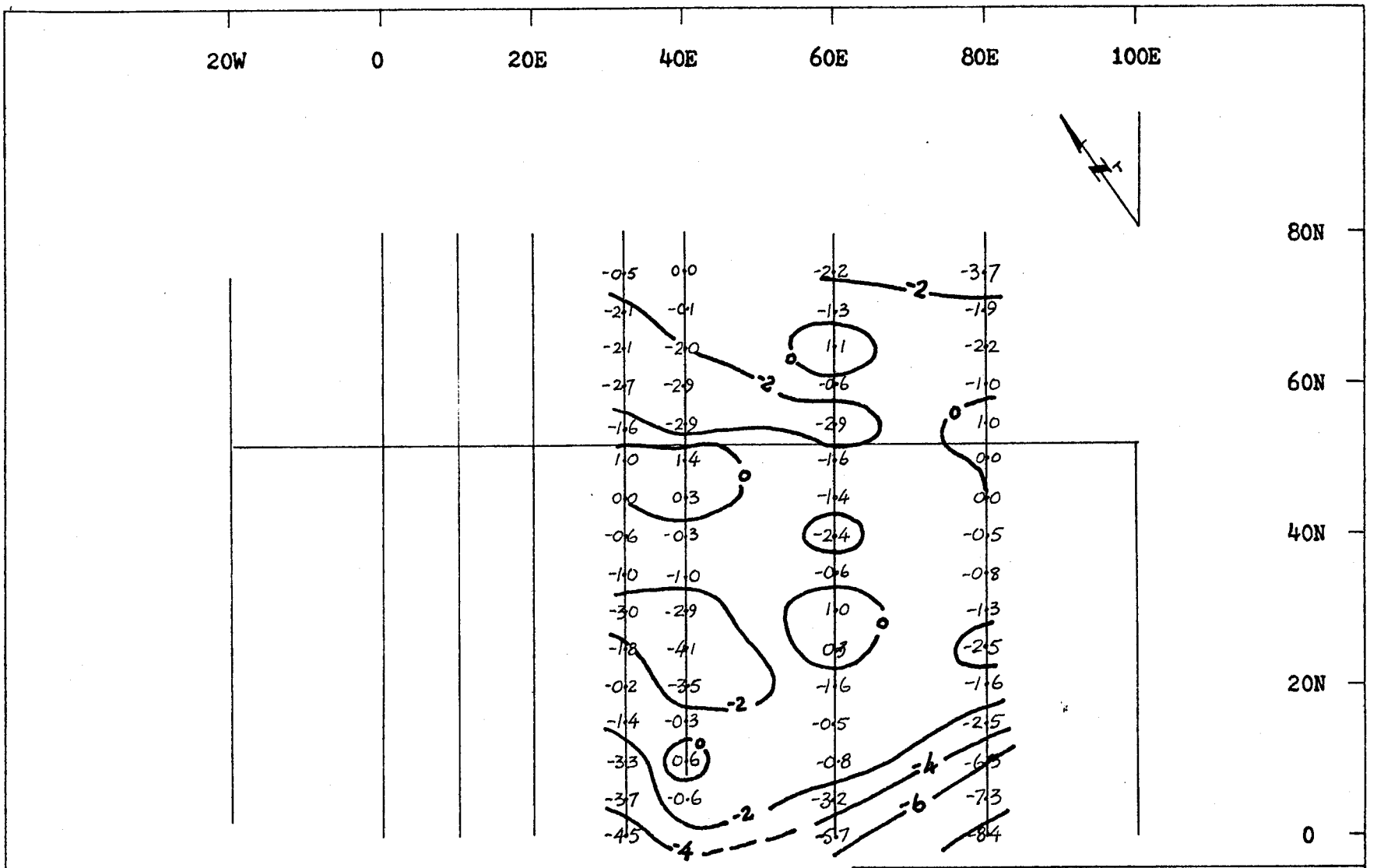
Wop Claims Grid

Scale 1"=2000' Date Nov/74

Contour interval = 20 feet

Overburden depth estimates by R. Chaplin

FIGURE 10



Contour interval = 2 gravity units

Overburden density contrast = -0.90 g/cc

OVERBURDEN GRAVITY MAP
Wop Claims Grid
Scale 1"=2000' Date Nov/74

FIGURE 11

By inspection of Figure 11, we observe an 8 gu (0.8 mgal) gravity gradient in the southeastern part of the survey area. This feature corresponds in part to the residual gravity gradient in this region (see Figure 8a or 8b). The lack of overburden thickness estimates for the western part of the grid make it impossible to calculate its effect in this region. However, indications are that there is a thickening of overburden to the west of line 0 which could account for part of the gravity gradient in this area.

In the northern part of the grid, the elevation factors as well as the geology indicate the proximity of a less dense (granitic ?) unit. This could explain the steep gravity gradient near the north ends of the grid lines.

Simply stated, the gravity high anomaly centered in the vicinity of the diamond drill holes and encompassing nearly the entire grid area has not been sufficiently explained. Part of the edge gradients can be accounted for by overburden on the south and the west and by intrusive units to the north. However, the important fact that the gravity high feature <u>closes</u> inside the survey area indicates that it is caused by an excess of mass beneath the anomaly itself. To date, no source of sufficient density has yet been delineated.

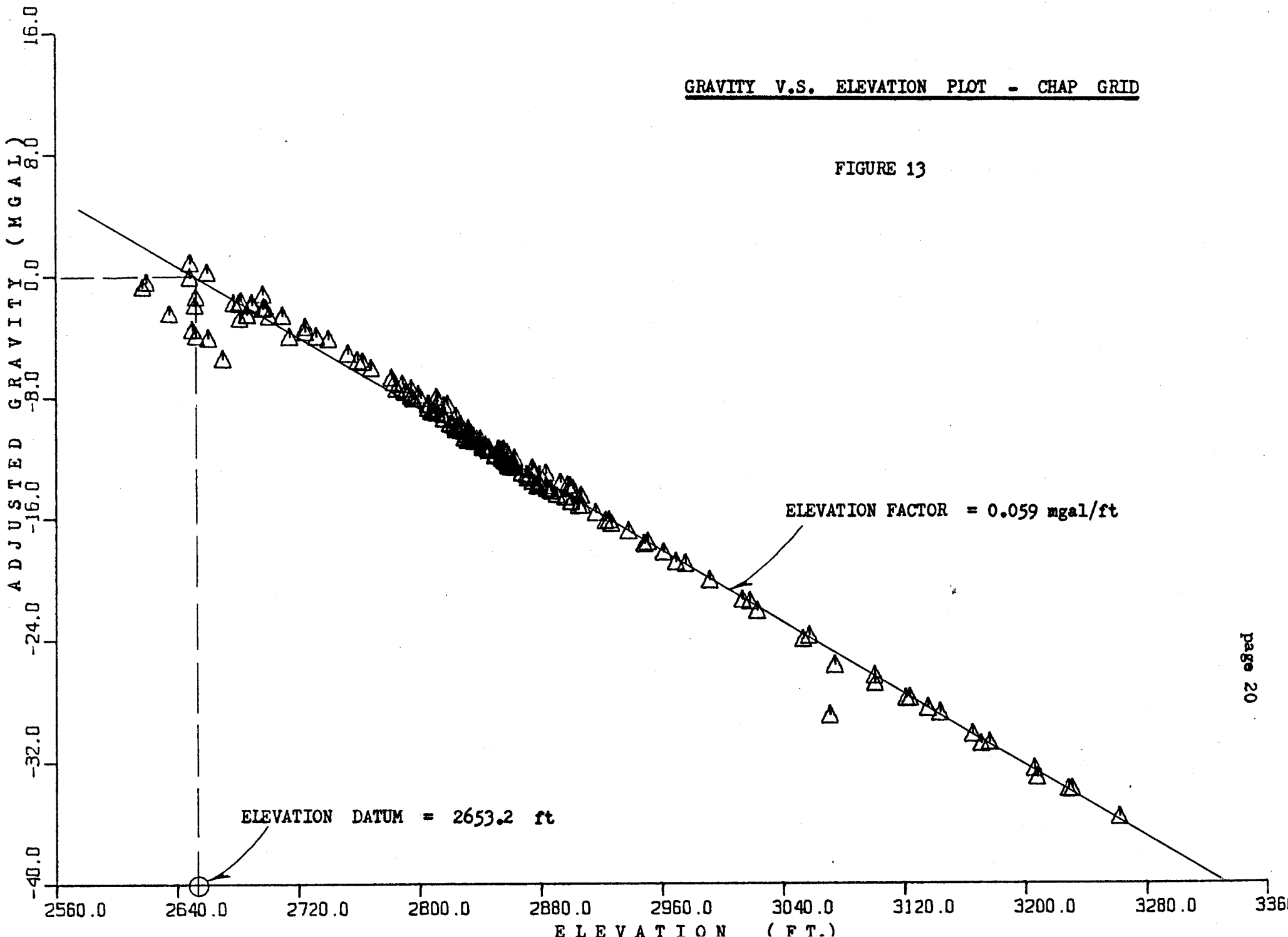
CHAP GRAVITY DATA

The Chap grid elevation map is given in Figure 12. As before, it was extented using 1:50,000 elevation maps to allow for terrain calculations out to a radius of 2400 feet about each station. Digitization interval for elevation and gravity data was 200 feet. The gravity-elevation plot for the Chap grid is given in Figure 13, where the elevation datum is determined to be 2653.2 feet and the regional elevation factor is 0.059 mgal/ft. Calculating the elevation factors for each station yields a distribution as given in Figure 14. Here we observe that the mode is 0.059 mgal/ft which agrees with the elevation factor as determined from the slope of the gravity-elevation plot. This implies that there is very little correlation of the gravity map to elevation when using 0.059 mgal/ft. The Bouguer density is therefore determined to be 2.70 g/cc and was used to calculate the Complete Bouguer Gravity Map, Figure 15.

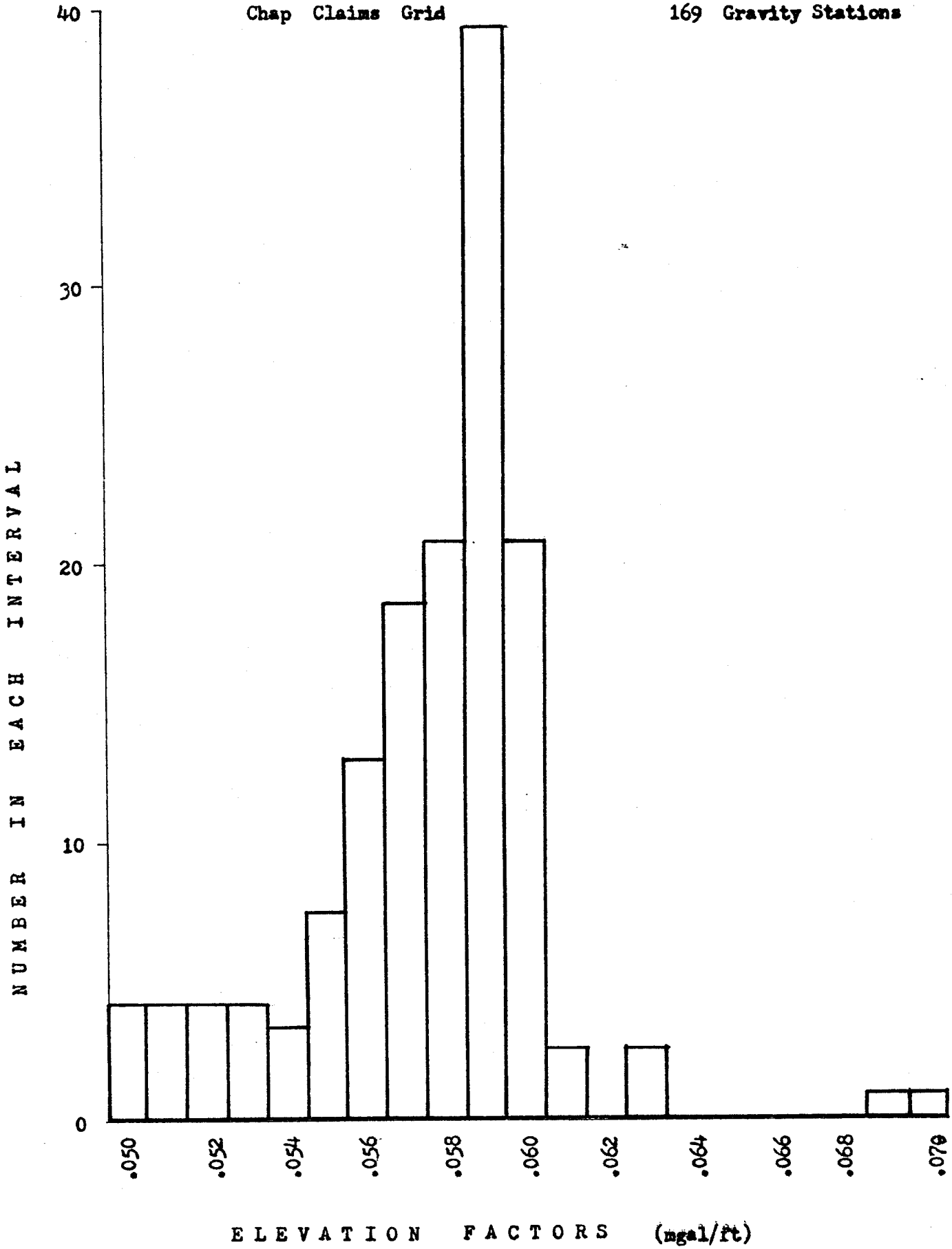
A regional plane was fit to all the Bouguer gravity data by least-mean-square methods and removed from the complete Bouguer gravity data to yield the Residual Gravity Map, Figure 17. The regional plane equation was $-1.537 + 0.0022636x + (-0.00044297)y$ mgals, with origin as shown on Figure 17. As before, the gravity maps were smoothed with a 0.10 low pass filter to yield Figures 16 and 18.

GRAVITY V.S. ELEVATION PLOT - CHAP GRID

FIGURE 13



HISTOGRAM OF ELEVATION FACTORS



As noted by the grid stations, gravity values were observed at 100 ft intervals between 45N and 65N in hopes of finding an excess of mass in this region to correspond to an IP anomaly here. As indicated on the residual gravity map, Figure 17, the gravity field in this region is very low and non-diagnostic. There are no excess mass sources buried in this region. In fact, the gravity data indicates a slight and subtle deficiency of mass which could correspond to lighter rock units such as phyllites.

The gravity high anomaly centered at 14S and extending east-west between survey lines, borders on and grades into a steep gravity low feature observed to the north on line 10W. This feature is highly indicative of a denser dioritic unit grading into a less dense granitic unit to the north. Although geological information is sparse, dioritic outcrops in the vicinity and intrusive units to the north support this interpretation. The one station gravity high on the unsmoothed maps centered at 0+8S appears to be either a very local feature or an error in measurement. In either case, it is minor and unimportant.

In short, there does not appear to be any gravity anomalies of possible economic importance on the Chap grid.

RECOMMENDATIONS & CONCLUSIONS

The gravity anomaly of more than 1.0 mgal amplitude and covering an area of approximately 9000 feet by 4000 feet on the Wop Claims Grid has not been sufficiently explained. Further effort should be made to determine overburden depths in the western part of the survey region. More detailed density measurements should be made of the drill core and of all outcrop exposures. This procedure will allow for an accurate calculation of the bedrock and overburden effects on the gravity anomaly. If the anomaly still persists, then deep diamond drill holes (1200 feet) should be undertaken to determine the cause of the anomaly.

The gravity data on the Chap Claims Grid does not indicate any anomalies of economic importance. No further work is required to explain the gravity data collected to date.

Respectively submitted,

Charles A. Ager

November 18, 1974

Charles A. Ager, M.Sc.
Geophysicist

CERTIFICATE OF QUALIFICATIONS

I, Charles A. Ager, do hereby certify that:

(1) I am a practising Geophysicist with offices and residence at 815B Cambie Road, Richmond, B.C., Canada.

(2) I have received (or expect to receive) the following university degrees:
(a) B.A. (Honours) in Mathematics/Physics from California State University,Sacramento, Calif., 1968.

(b) M.Sc. in Applied Geophysics from the University of British Columbia, Vancouver, B.C., 1972.

(c) Ph.D. in Applied Geophysics from the University of British Columbia, Vancouver, B.C., expected 1974.

(3) I am a member of the B.C. Geophysical Society, and a member of the Society of Exploration Geophysicists.

(4) The following is a true summary of my employment record and experience:

1961-65 Electronics, United States Air Force, U.S.A., Far East, Middle East.

1965-68 Sacramento State College (now called California State University at Sacramento), Sacramento, Calif.

1968-71 Exploration - Geophysicist, Magnetron Mining Ltd., Vancouver, B.C.

1970-74 Geophysics Graduate Student and Teaching Assistant, Dept of Geophysics, University of B.C., Vancouver, B.C.

1971,72 Geophysicist, Mineralogical Branch, B.C. Dept of Mines and Petroleum Resources, Victoria, B.C.

1971-74 Independent consulting geophysicist, Richmond, B.C.

(5) I am the author of several publications, reports, maps, etc. on mining and exploration geophysics.

DATED at Richmond, British Columbia, this 18 day of November 1974.

Charles A. Ager
Geophysicist

APPENDIX

I Gravity Data - Wop Claims Grid

II Gravity Data - Chap Claims Grid

GRAVITY DATA *** WOP CLAIMS GRID

STN NO	ELEV	DELTA E*	*RELATIVE GRAV EFFECTS FOR EACH STN* +LAT	+F AIR	+ESLAB	+TERRN	=TOTAL	*FACTOR	ELEV GRAV	OBS GRAV	BOUG ANOMLY
WOP BASE	2493.5	-2.6	-.0	0.25	-0.09	0.0	0.16	0.0	0.0		-0.16
20W 52N	2865.1	369.0	1.12	-34.56	12.25	-0.58	-21.77	-0.068	-24.49		-2.72
18W 52N	2873.6	377.5	1.10	-35.36	12.54	-0.56	-22.29	-0.067	-24.87		-2.58
16W 52N	2882.4	386.3	1.08	-36.18	12.83	-0.55	-22.83	-0.067	-25.30		-2.47
14W 52N	2888.7	392.6	1.05	-36.77	13.04	-0.53	-23.21	-0.066	-25.58		-2.37
12W 52N	2893.7	397.6	1.03	-37.24	13.20	-0.52	-23.52	-0.066	-25.75		-2.23
10W 52N	2901.0	404.9	1.01	-37.92	13.45	-0.51	-23.98	-0.065	-25.95		-1.97
8W 52N	2915.0	418.9	0.99	-39.24	13.91	-0.49	-24.82	-0.065	-26.86		-2.04
6W 52N	2926.0	429.9	0.96	-40.27	14.28	-0.47	-25.49	-0.065	-27.36		-1.87
4W 52N	2940.8	444.7	0.94	-41.65	14.77	-0.45	-26.39	-0.065	-28.23		-1.84
2W 52N	2953.0	456.9	0.92	-42.80	15.17	-0.43	-27.13	-0.064	-28.88		-1.75
0 52N	2962.4	466.3	0.90	-43.68	15.49	-0.41	-27.70	-0.064	-29.45		-1.75
2E 52N	2961.3	465.2	0.87	-43.57	15.45	-0.38	-27.63	-0.064	-29.18		-1.55
4E 52N	2969.7	473.6	0.85	-44.36	15.73	-0.38	-28.16	-0.064	-29.68		-1.52
6E 52N	2969.3	473.2	0.83	-44.32	15.71	-0.38	-28.16	-0.063	-29.57		-1.41
8E 52N	2969.5	473.4	0.81	-44.34	15.72	-0.38	-28.19	-0.063	-29.52		-1.33
10E 52N	2972.5	476.4	0.79	-44.62	15.82	-0.39	-28.41	-0.063	-29.47		-1.06
12E 52N	2977.6	481.5	0.76	-45.10	15.99	-0.40	-28.74	-0.062	-29.61		-0.87
14E 52N	2989.7	493.6	0.74	-46.23	16.39	-0.40	-29.50	-0.062	-30.26		-0.76
16E 52N	3000.3	504.2	0.72	-47.23	16.74	-0.40	-30.16	-0.062	-30.69		-0.53
18E 52N	3007.1	511.0	0.70	-47.86	16.97	-0.39	-30.59	-0.062	-31.15		-0.56
20E 52N	3013.6	517.5	0.67	-48.47	17.19	-0.39	-31.01	-0.062	-31.55		-0.54
22E 52N	3020.4	524.3	0.65	-49.11	17.41	-0.39	-31.44	-0.061	-31.95		-0.51
24E 52N	3026.2	530.1	0.63	-49.65	17.60	-0.39	-31.81	-0.061	-32.34		-0.53
26E 52N	3030.1	534.0	0.61	-50.02	17.73	-0.40	-32.08	-0.061	-32.56		-0.48
28E 52N	3032.5	536.4	0.58	-50.24	17.81	-0.42	-32.27	-0.061	-32.65		-0.38
30E 52N	3037.9	541.8	0.56	-50.75	17.99	-0.45	-32.64	-0.061	-33.00		-0.36
32E 52N	3037.4	541.3	0.54	-50.70	17.98	-0.48	-32.67	-0.061	-32.94		-0.27
34E 52N	3040.7	544.6	0.52	-51.01	18.09	-0.50	-32.91	-0.061	-33.13		-0.22
36E 52N	3046.1	550.0	0.49	-51.52	18.27	-0.52	-33.28	-0.061	-33.46		-0.18
38E 52N	3050.4	554.3	0.47	-51.92	18.41	-0.55	-33.59	-0.061	-33.80		-0.21
40E 52N	3055.2	559.1	0.45	-52.37	18.57	-0.57	-33.92	-0.061	-34.09		-0.17
42E 52N	3059.4	563.3	0.43	-52.76	18.71	-0.58	-34.21	-0.061	-34.37		-0.16
44E 52N	3058.4	562.3	0.40	-52.67	18.67	-0.59	-34.18	-0.061	-34.49		-0.31
46E 52N	3065.0	568.9	0.38	-53.29	18.89	-0.63	-34.65	-0.061	-34.80		-0.15
48E 52N	3064.5	568.4	0.36	-53.24	18.88	-0.68	-34.68	-0.061	-34.77		-0.09
50E 52N	3063.2	567.1	0.34	-53.12	18.83	-0.72	-34.67	-0.061	-34.70		-0.03
52E 52N	3059.8	563.7	0.31	-52.80	18.72	-0.75	-34.51	-0.061	-34.54		-0.03
54E 52N	3057.7	561.6	0.29	-52.60	18.65	-0.79	-34.45	-0.061	-34.53		-0.08
56E 52N	3051.7	555.6	0.27	-52.04	18.45	-0.84	-34.16	-0.060	-34.10		0.06
58E 52N	3049.1	553.0	0.25	-51.80	18.36	-0.92	-34.10	-0.060	-34.05		0.05
60E 52N	3042.8	546.7	0.22	-51.21	18.16	-0.96	-33.78	-0.060	-33.80		-0.02
62E 52N	3030.2	534.1	0.20	-50.03	17.74	-0.93	-33.02	-0.061	-33.07		-0.05
64E 52N	3017.5	521.4	0.18	-48.84	17.32	-0.88	-32.22	-0.061	-32.29		-0.07
66E 52N	3005.6	509.5	0.16	-47.72	16.92	-0.84	-31.49	-0.061	-31.59		-0.10
68E 52N	3003.5	507.4	0.14	-47.53	16.85	-0.81	-31.35	-0.061	-31.56		-0.21
70E 52N	2993.9	497.8	0.11	-46.63	16.53	-0.81	-30.79	-0.061	-30.92		-0.13
72E 52N	2991.2	495.2	0.09	-46.38	16.45	-0.77	-30.62	-0.061	-30.75		-0.13
74E 52N	2986.3	490.2	0.07	-45.91	16.28	-0.74	-30.30	-0.061	-30.42		-0.12
76E 52N	2987.5	491.4	0.05	-46.03	16.32	-0.69	-30.35	-0.061	-30.42		-0.07
78E 52N	2987.5	491.4	0.02	-46.03	16.32	-0.66	-30.35	-0.061	-30.53		-0.18
80E 52N	2987.4	491.3	0.00	-46.02	16.32	-0.64	-30.34	-0.061	-30.58		-0.24
82E 52N	2983.1	487.0	-0.02	-45.62	16.17	-0.62	-30.09	-0.061	-30.41		-0.32
84E 52N	2975.9	479.8	-0.04	-44.94	15.93	-0.60	-29.65	-0.061	-29.99		-0.34
86E 52N	2960.5	464.4	-0.07	-43.50	15.42	-0.58	-28.73	-0.061	-29.00		-0.27
88E 52N	2943.0	446.9	-0.09	-41.86	14.84	-0.62	-27.73	-0.061	-28.03		-0.30
90E 52N	2958.3	462.2	-0.11	-43.29	15.35	-0.54	-28.59	-0.061	-28.97		-0.38

92E	52N	2962.4	466.3	-0.13	-43.68	15.49	-0.53	-28.86	-0.061	-29.17	-0.31
94E	52N	2968.0	471.9	-0.16	-44.20	15.67	-0.54	-29.22	-0.061	-29.49	-0.27
96E	52N	2967.9	471.8	-0.18	-44.19	15.67	-0.56	-29.26	-0.061	-29.46	-0.20
98E	52N	2970.6	474.5	-0.20	-44.44	15.76	-0.60	-29.48	-0.061	-29.68	-0.20
20W	2N	2402.9	-93.2	0.26	8.73	-3.10	-0.06	5.83	-0.026	2.65	-3.18
20W	4N	2420.3	-75.8	0.29	7.10	-2.52	-0.05	4.82	-0.022	1.89	-2.93
20W	6N	2427.2	-58.9	0.33	5.52	-1.96	-0.07	3.82	-0.014	1.09	-2.73
20W	8N	2435.5	-60.6	0.36	5.68	-2.01	-0.05	3.98	-0.018	1.42	-2.56
20W	10N	2444.0	-52.1	0.40	4.88	-1.73	-0.05	3.50	-0.016	1.20	-2.30
20W	12N	2446.6	-49.5	0.43	4.64	-1.65	-0.06	3.36	-0.019	1.32	-2.04
20W	14N	2445.1	-51.0	0.47	4.78	-1.70	-0.10	3.45	-0.030	1.91	-1.54
20W	16N	2448.2	-47.9	0.50	4.49	-1.59	-0.15	3.25	-0.033	1.92	-1.33
20W	18N	2460.3	-35.8	0.53	3.36	-1.19	-0.19	2.51	-0.019	1.04	-1.47
20W	20N	2499.5	3.4	0.57	-0.31	0.11	-0.19	0.18	-0.605	-1.65	-1.83
20W	22N	2524.3	28.2	0.60	-2.64	0.94	-0.23	-1.33	-0.120	-3.00	-1.67
20W	24N	2508.8	12.7	0.64	-1.19	0.42	-0.18	-0.31	-0.173	-1.74	-1.43
20W	26N	2510.7	14.6	0.67	-1.36	0.48	-0.26	-0.47	-0.158	-1.89	-1.42
20W	28N	2524.8	28.7	0.71	-2.68	0.95	-0.34	-1.37	-0.121	-3.09	-1.72
20W	30N	2548.0	51.9	0.74	-4.86	1.72	-0.40	-2.79	-0.096	-4.61	-1.82
20W	32N	2595.2	99.1	0.78	-9.28	3.29	-0.42	-5.63	-0.079	-7.51	-1.88
20W	34N	2606.8	110.7	0.81	-10.37	3.68	-0.42	-6.30	-0.079	-8.38	-2.08
20W	36N	2624.9	128.8	0.85	-12.06	4.28	-0.46	-7.40	-0.076	-9.34	-1.94
20W	38N	2640.3	144.2	0.88	-13.50	4.79	-0.56	-8.39	-0.075	-10.44	-2.05
20W	40N	2662.1	166.0	0.91	-15.55	5.51	-0.69	-9.81	-0.073	-11.81	-2.00
20W	42N	2702.2	206.1	0.95	-19.30	6.84	-0.76	-12.27	-0.071	-14.42	-2.15
20W	44N	2746.5	250.4	0.98	-23.45	8.31	-0.79	-14.95	-0.070	-17.21	-2.26
20W	46N	2804.4	308.3	1.02	-28.88	10.24	-0.81	-18.43	-0.068	-20.85	-2.42
20W	48N	2835.5	339.4	1.05	-31.79	11.27	-0.72	-20.19	-0.068	-22.65	-2.46
20W	50N	2853.5	357.4	1.09	-33.48	11.87	-0.60	-21.12	-0.068	-23.69	-2.57
20W	52N	2865.0	368.9	1.12	-34.55	12.25	-0.58	-21.76	-0.068	-24.49	-2.73
20W	54N	2864.0	367.9	1.16	-34.46	12.22	-0.78	-21.87	-0.068	-24.67	-2.80
20W	56N	2882.8	386.7	1.19	-36.22	12.84	-1.07	-23.26	-0.068	-26.06	-2.80
20W	58N	2944.8	448.7	1.22	-42.03	14.90	-1.15	-27.05	-0.068	-30.24	-3.19
20W	60N	3024.8	528.7	1.26	-49.52	17.56	-1.32	-32.02	-0.066	-35.14	-3.12
20W	62N	3068.6	572.5	1.29	-53.62	19.01	-1.26	-34.58	-0.066	-37.65	-3.07
20W	64N	3081.7	585.6	1.33	-54.85	19.45	-1.06	-35.13	-0.066	-38.40	-3.27
20W	66N	3077.9	581.8	1.36	-54.50	19.32	-1.19	-35.00	-0.066	-38.33	-3.33
20W	68N	3108.4	612.3	1.40	-57.35	20.33	-1.42	-37.04	-0.066	-40.37	-3.33
20W	70N	3154.8	658.7	1.43	-61.70	21.88	-1.64	-40.03	-0.065	-43.28	-3.25
20W	72N	3212.2	716.1	1.47	-67.08	23.78	-1.86	-43.69	-0.065	-46.86	-3.17
20W	74N	3258.4	762.3	1.50	-71.40	25.32	-2.13	-46.71	-0.064	-49.76	-3.05
0	00	2492.8	-3.3	-.0	0.31	-0.11	-0.07	0.13	0.053	-0.25	-0.38
0	2N	2491.4	-4.7	0.03	0.44	-0.16	-0.05	0.27	0.064	-0.32	-0.59
0	4N	2491.2	-4.9	0.07	0.46	-0.16	-0.05	0.32	0.126	-0.60	-0.92
0	6N	2485.4	-10.7	0.10	1.01	-0.36	-0.05	0.71	0.012	-0.07	-0.78
0	8N	2484.3	-11.8	0.14	1.11	-0.39	-0.06	0.79	0.005	0.02	-0.77
0	10N	2491.0	-5.1	0.17	0.48	-0.17	-0.07	0.41	0.107	-0.45	-0.86
0	12N	2493.6	-2.5	0.21	0.24	-0.08	-0.09	0.27	0.269	-0.57	-0.84
0	14N	2496.2	0.1	0.24	-0.01	0.00	-0.13	0.11	-12.874	-0.66	-0.77
0	16N	2499.2	3.1	0.28	-0.29	0.10	-0.18	-0.09	-0.284	-0.77	-0.68
0	18N	2509.9	13.8	0.31	-1.29	0.46	-0.21	-0.73	-0.114	-1.47	-0.74
0	20N	2521.4	25.3	0.35	-2.37	0.84	-0.26	-1.44	-0.087	-2.12	-0.68
0	22N	2534.3	38.2	0.38	-3.57	1.27	-0.32	-2.25	-0.075	-2.80	-0.55
0	24N	2546.1	50.0	0.41	-4.68	1.66	-0.41	-3.02	-0.071	-3.52	-0.50
0	26N	2568.4	72.3	0.45	-6.77	2.40	-0.49	-4.41	-0.066	-4.84	-0.43
0	28N	2588.4	92.3	0.48	-8.64	3.06	-0.63	-5.72	-0.065	-6.12	-0.40
0	30N	2619.5	123.4	0.52	-11.56	4.10	-0.74	-7.68	-0.064	-8.08	-0.40
0	32N	2674.3	178.2	0.55	-16.69	5.92	-0.79	-11.01	-0.063	-11.46	-0.45
0	34N	2712.8	216.7	0.59	-20.30	7.20	-0.81	-13.33	-0.063	-13.89	-0.56
0	36N	2755.4	259.3	0.62	-24.29	8.61	-0.80	-15.86	-0.063	-16.56	-0.70

0	38N	2788.1	292.0	0.66	-27.35	9.70	-0.75	-17.74	-0.064	-18.68	-0.94
0	40N	2822.3	326.2	0.69	-30.55	10.83	-0.70	-19.73	-0.063	-20.63	-0.90
0	42N	2839.8	343.7	0.72	-32.19	11.41	-0.64	-20.69	-0.063	-21.67	-0.98
0	44N	2878.8	382.7	0.76	-35.85	12.71	-0.64	-23.01	-0.063	-24.16	-1.15
0	46N	2909.3	413.2	0.79	-38.70	13.72	-0.60	-24.79	-0.063	-26.03	-1.24
0	48N	2936.0	439.9	0.83	-41.20	14.61	-0.55	-26.31	-0.064	-27.67	-1.36
0	50N	2953.5	457.4	0.86	-42.84	15.19	-0.47	-27.26	-0.064	-28.78	-1.52
0	52N	2962.4	466.3	0.90	-43.68	15.49	-0.41	-27.70	-0.064	-29.45	-1.75
0	54N	2972.2	476.1	0.93	-44.59	15.81	-0.43	-28.28	-0.064	-30.18	-1.90
0	56N	2974.9	478.8	0.97	-44.85	15.90	-0.55	-28.53	-0.064	-30.46	-1.93
0	58N	2995.4	499.3	1.00	-46.77	16.58	-0.75	-29.94	-0.064	-31.70	-1.76
0	60N	3029.1	533.0	1.04	-49.92	17.70	-0.96	-32.15	-0.064	-34.23	-2.08
0	62N	3088.7	592.6	1.07	-55.51	19.68	-1.10	-35.86	-0.064	-38.20	-2.34
0	64N	3154.2	658.1	1.10	-61.64	21.86	-1.21	-39.90	-0.064	-42.31	-2.41
0	66N	3214.7	718.6	1.14	-67.31	23.86	-1.26	-43.57	-0.064	-46.06	-2.49
0	68N	3241.3	745.2	1.17	-69.80	24.75	-0.99	-44.87	-0.064	-47.66	-2.79
0	70N	3249.6	753.5	1.21	-70.58	25.02	-0.74	-45.09	-0.065	-48.17	-3.08
0	72N	3247.2	751.1	1.24	-70.35	24.94	-0.72	-44.88	-0.065	-48.26	-3.38
0	74N	3259.2	763.1	1.28	-71.48	25.34	-0.88	-45.74	-0.065	-49.21	-3.47
0	76N	3286.4	790.3	1.31	-74.03	26.25	-1.13	-47.60	-0.065	-51.17	-3.57
0	78N	3337.4	841.3	1.35	-78.80	27.94	-1.36	-50.88	-0.065	-54.41	-3.53
0	80N	3377.8	881.7	1.38	-82.59	29.28	-1.68	-53.61	-0.064	-57.15	-3.54
10E	0	2475.8	-20.3	-0.11	1.91	-0.68	-0.07	1.05	-0.054	0.91	-0.14
10E	2N	2484.7	-11.4	-0.08	1.07	-0.38	-0.07	0.54	-0.048	0.40	-0.14
10E	4N	2494.6	-1.5	-0.04	0.14	-0.05	-0.08	-0.03	0.049	-0.20	-0.17
10E	6N	2503.9	7.8	-0.01	-0.73	0.26	-0.10	-0.58	-0.104	-0.91	-0.33
10E	8N	2514.1	18.0	0.03	-1.68	0.60	-0.12	-1.18	-0.071	-1.36	-0.18
10E	10N	2525.4	29.3	0.06	-2.74	0.97	-0.15	-1.86	-0.070	-2.13	-0.27
10E	12N	2536.4	40.3	0.10	-3.77	1.34	-0.18	-2.52	-0.064	-2.66	-0.14
10E	14N	2551.0	54.9	0.13	-5.14	1.82	-0.22	-3.41	-0.062	-3.50	-0.09
10E	16N	2566.4	70.3	0.16	-6.58	2.33	-0.27	-4.35	-0.065	-4.67	-0.32
10E	18N	2589.0	92.9	0.20	-8.70	3.08	-0.31	-5.72	-0.065	-6.18	-0.46
10E	20N	2606.9	110.8	0.23	-10.38	3.68	-0.34	-6.81	-0.065	-7.26	-0.45
10E	22N	2620.1	124.0	0.27	-11.61	4.12	-0.38	-7.61	-0.063	-7.97	-0.36
10E	24N	2637.3	141.2	0.30	-13.22	4.69	-0.43	-8.66	-0.062	-8.91	-0.25
10E	26N	2655.0	158.9	0.34	-14.88	5.28	-0.51	-9.78	-0.061	-9.86	-0.08
10E	28N	2674.4	178.3	0.37	-16.70	5.92	-0.63	-11.03	-0.060	-11.02	0.01
10E	30N	2712.3	216.2	0.41	-20.25	7.18	-0.72	-13.38	-0.061	-13.40	-0.02
10E	32N	2752.9	256.8	0.44	-24.05	8.53	-0.79	-15.87	-0.061	-16.10	-0.23
10E	34N	2816.0	319.9	0.47	-29.96	10.62	-0.90	-19.77	-0.061	-19.96	-0.19
10E	36N	2850.8	354.7	0.51	-33.22	11.78	-0.82	-21.75	-0.061	-21.90	-0.15
10E	38N	2868.2	372.1	0.54	-34.85	12.36	-0.61	-22.56	-0.061	-22.79	-0.23
10E	40N	2873.7	377.6	0.58	-35.37	12.54	-0.44	-22.69	-0.061	-22.98	-0.29
10E	42N	2878.0	381.9	0.61	-35.77	12.68	-0.39	-22.86	-0.061	-23.21	-0.35
10E	44N	2892.9	396.8	0.65	-37.17	13.18	-0.40	-23.74	-0.062	-24.17	-0.43
10E	46N	2917.6	421.5	0.68	-39.48	14.00	-0.41	-25.21	-0.062	-25.83	-0.62
10E	48N	2943.1	447.0	0.72	-41.87	14.84	-0.41	-26.71	-0.062	-27.52	-0.81
10E	50N	2957.5	461.4	0.75	-43.22	15.32	-0.39	-27.53	-0.062	-28.37	-0.84
10E	52N	2972.5	476.4	0.79	-44.62	15.82	-0.39	-28.41	-0.063	-29.47	-1.06
10E	54N	2988.5	492.4	0.82	-46.12	16.35	-0.44	-29.39	-0.063	-30.79	-1.40
10E	56N	3006.9	510.8	0.85	-47.84	16.96	-0.55	-30.57	-0.063	-31.99	-1.42
10E	58N	3026.7	530.6	0.89	-49.70	17.62	-0.74	-31.93	-0.063	-33.35	-1.42
10E	60N	3049.9	553.8	0.92	-51.87	18.39	-1.03	-33.59	-0.063	-35.14	-1.55
10E	62N	3103.4	607.3	0.96	-56.88	20.17	-1.23	-36.99	-0.063	-38.74	-1.75
10E	64N	3189.4	693.3	0.99	-64.94	23.02	-1.39	-42.32	-0.064	-44.57	-2.25
10E	66N	3269.4	773.3	1.03	-72.43	25.68	-1.58	-47.31	-0.063	-49.47	-2.16
10E	68N	3294.1	798.0	1.06	-74.75	26.50	-1.15	-48.33	-0.064	-50.82	-2.49
10E	70N	3297.2	801.1	1.10	-75.04	26.60	-0.72	-48.06	-0.064	-50.95	-2.89
10E	72N	3300.2	804.1	1.13	-75.32	26.70	-0.56	-48.05	-0.065	-51.40	-3.35
10E	74N	3303.9	807.8	1.16	-75.67	26.83	-0.55	-48.22	-0.065	-51.59	-3.37

10E	76N	3306.7	810.6	1.20	-75.93	26.92	-0.66	-48.47	-0.065	-51.95	-3.48
10E	78N	3315.4	819.3	1.23	-76.74	27.21	-0.88	-49.18	-0.065	-52.91	-3.73
10E	80N	3326.0	829.9	1.27	-77.74	27.56	-1.26	-50.17	-0.065	-53.88	-3.71
20E	0	2502.0	5.9	-0.22	-0.55	0.19	-0.09	-0.67	-0.030	-0.49	0.18
20E	2N	2522.3	26.2	-0.19	-2.45	0.87	-0.11	-1.88	-0.067	-2.06	-0.18
20E	4N	2535.0	38.9	-0.16	-3.64	1.29	-0.13	-2.63	-0.067	-2.89	-0.26
20E	6N	2533.9	37.8	-0.12	-3.54	1.25	-0.14	-2.55	-0.065	-2.73	-0.18
20E	8N	2550.3	54.2	-0.09	-5.07	1.80	-0.17	-3.53	-0.062	-3.62	-0.09
20E	10N	2570.7	74.6	-0.05	-6.98	2.48	-0.20	-4.76	-0.061	-4.82	-0.06
20E	12N	2589.1	93.0	-0.02	-8.71	3.09	-0.24	-5.88	-0.060	-5.86	0.02
20E	14N	2601.7	105.6	0.02	-9.89	3.51	-0.27	-6.64	-0.060	-6.64	-0.00
20E	16N	2618.9	122.8	0.05	-11.50	4.08	-0.33	-7.70	-0.061	-7.82	-0.12
20E	18N	2652.2	156.1	0.09	-14.62	5.18	-0.39	-9.74	-0.061	-9.76	-0.02
20E	20N	2676.2	180.1	0.12	-16.87	5.98	-0.42	-11.19	-0.061	-11.32	-0.13
20E	22N	2703.8	207.7	0.16	-19.45	6.90	-0.44	-12.84	-0.061	-12.96	-0.12
20E	24N	2732.4	236.3	0.19	-22.13	7.85	-0.47	-14.57	-0.061	-14.73	-0.16
20E	26N	2735.6	239.5	0.22	-22.43	7.95	-0.43*	-14.68	-0.061	-14.83	-0.15
20E	28N	2767.0	270.9	0.26	-25.37	9.00	-0.47	-16.59	-0.060	-16.57	0.02
20E	30N	2796.3	300.2	0.29	-28.12	9.97	-0.51	-18.36	-0.059	-18.04	0.32
20E	32N	2815.1	319.0	0.33	-29.86	10.59	-0.49	-19.45	-0.059	-19.05	0.40
20E	34N	2852.7	356.6	0.36	-33.40	11.84	-0.52	-21.72	-0.060	-21.50	0.22
20E	36N	2882.0	385.9	0.40	-36.14	12.82	-0.50	-23.43	-0.060	-23.16	0.27
20E	38N	2892.9	396.8	0.43	-37.17	13.18	-0.38	-23.94	-0.060	-23.79	0.15
20E	40N	2895.0	398.9	0.47	-37.36	13.25	-0.32	-23.97	-0.060	-23.88	0.09
20E	42N	2904.9	408.8	0.50	-38.29	13.58	-0.34	-24.56	-0.060	-24.43	0.13
20E	44N	2931.2	435.1	0.54	-40.75	14.45	-0.37	-26.14	-0.060	-26.04	0.10
20E	46N	2958.9	462.8	0.57	-43.35	15.37	-0.40	-27.81	-0.061	-27.85	-0.04
20E	48N	2980.9	484.8	0.60	-45.41	16.10	-0.40	-29.11	-0.061	-29.27	-0.16
20E	50N	2994.0	497.9	0.64	-46.64	16.53	-0.38	-29.85	-0.061	-30.25	-0.40
20E	52N	3013.6	517.5	0.67	-48.47	17.19	-0.39	-31.01	-0.062	-31.55	-0.54
20E	54N	3027.1	531.0	0.71	-49.74	17.63	-0.44	-31.84	-0.062	-32.65	-0.81
20E	56N	3051.8	555.7	0.74	-52.05	18.45	-0.53	-33.38	-0.062	-34.31	-0.93
20E	58N	3070.8	574.7	0.78	-53.83	19.09	-0.67	-34.64	-0.062	-35.77	-1.13
20E	60N	3086.8	592.7	0.81	-55.52	19.68	-0.92	-35.94	-0.062	-37.15	-1.21
20E	62N	3123.8	627.7	0.85	-58.80	20.85	-1.22	-38.32	-0.063	-39.78	-1.46
20E	64N	3186.8	690.7	0.88	-64.70	22.94	-1.42	-42.30	-0.063	-44.15	-1.85
20E	66N	3287.8	791.7	0.91	-74.16	26.29	-1.68	-48.63	-0.063	-50.73	-2.10
20E	68N	3351.4	855.3	0.95	-80.12	28.40	-1.63	-52.39	-0.063	-54.73	-2.34
20E	70N	3385.0	888.9	0.98	-83.26	29.52	-1.28	-54.04	-0.064	-56.74	-2.70
20E	72N	3398.5	902.4	1.02	-84.53	29.97	-0.89	-54.43	-0.064	-57.52	-3.09
20E	74N	3409.4	913.3	1.05	-85.55	30.33	-0.67	-54.83	-0.064	-58.26	-3.43
20E	76N	3403.4	907.3	1.09	-84.99	30.13	-0.52	-54.29	-0.065	-58.01	-3.72
20E	78N	3400.3	904.2	1.12	-84.70	30.03	-0.52	-54.07	-0.065	-57.95	-3.88
20E	80N	3388.5	892.4	1.16	-83.59	29.64	-0.69	-53.48	-0.065	-57.51	-4.03
32E	8N	2583.7	87.6	-0.22	-8.20	2.91	-0.21	-5.72	-0.057	-5.44	0.28
32E	10N	2595.1	99.0	-0.19	-9.27	3.29	-0.22	-6.39	-0.059	-6.24	0.15
32E	12N	2602.2	106.1	-0.15	-9.94	3.52	-0.26	-6.83	-0.059	-6.67	0.16
32E	14N	2620.2	124.1	-0.12	-11.62	4.12	-0.32	-7.94	-0.058	-7.66	0.28
32E	16N	2640.3	144.2	-0.08	-13.50	4.79	-0.39	-9.19	-0.058	-8.79	0.40
32E	18N	2673.4	177.3	-0.05	-16.60	5.89	-0.43	-11.19	-0.059	-10.86	0.33
32E	20N	2724.5	228.4	-0.01	-21.39	7.58	-0.52	-14.34	-0.059	-14.11	0.23
32E	22N	2743.8	244.7	0.02	-22.92	8.13	-0.42	-15.19	-0.059	-14.86	0.33
32E	24N	2746.5	250.4	0.06	-23.45	8.31	-0.34	-15.43	-0.059	-15.12	0.31
32E	26N	2752.9	256.8	0.09	-24.05	8.53	-0.39	-15.83	-0.059	-15.41	0.42
32E	28N	2785.1	289.0	0.12	-27.07	9.60	-0.40	-17.75	-0.059	-17.37	0.38
32E	30N	2831.0	334.9	0.16	-31.37	11.12	-0.46	-20.55	-0.060	-20.23	0.32
32E	32N	2855.4	359.3	0.19	-33.65	11.93	-0.42	-21.94	-0.059	-21.42	0.52
32E	34N	2883.8	387.7	0.23	-36.31	12.87	-0.42	-23.63	-0.059	-22.96	0.67
32E	36N	2879.4	383.3	0.26	-35.90	12.73	-0.27	-23.18	-0.059	-22.73	0.45
32E	38N	2886.3	390.2	0.30	-36.55	12.96	-0.27	-23.56	-0.059	-23.14	0.42

32E	40N	2903.4	407.3	0.33	-38.15	13.53	-0.30	-24.59	-0.060	-24.21	0.38
32E	42N	2926.2	430.1	0.37	-40.29	14.28	-0.34	-25.98	-0.060	-25.80	0.18
32E	44N	2948.2	452.1	0.40	-42.35	15.01	-0.39	-27.32	-0.060	-27.25	0.07
32E	46N	2971.9	475.8	0.44	-44.57	15.80	-0.43	-28.76	-0.060	-28.71	0.05
32E	48N	2998.4	502.3	0.47	-47.05	16.68	-0.44	-30.34	-0.061	-30.39	-0.05
32E	50N	3017.9	521.8	0.50	-48.88	17.33	-0.45	-31.49	-0.061	-31.71	-0.22
32E	52N	3037.4	541.3	0.54	-50.70	17.98	-0.48	-32.67	-0.061	-32.94	-0.27
32E	54N	3072.6	576.5	0.57	-54.00	19.15	-0.54	-34.82	-0.061	-35.20	-0.38
32E	56N	3098.4	602.3	0.61	-56.42	20.00	-0.61	-36.41	-0.061	-36.88	-0.47
32E	58N	3122.2	626.1	0.64	-58.65	20.79	-0.68	-37.89	-0.061	-38.53	-0.64
32E	60N	3145.9	649.8	0.68	-60.87	21.58	-0.78	-39.39	-0.062	-40.18	-0.79
32E	62N	3165.1	669.0	0.71	-62.66	22.22	-0.99	-40.73	-0.062	-41.77	-1.04
32E	64N	3202.8	706.7	0.75	-66.20	23.47	-1.24	-43.22	-0.062	-44.22	-1.00
32E	66N	3269.0	772.9	0.78	-72.40	25.67	-1.44	-47.39	-0.062	-48.62	-1.23
32E	68N	3348.2	852.2	0.81	-79.82	28.30	-1.62	-52.33	-0.062	-53.76	-1.43
32E	70N	3411.8	915.7	0.85	-85.77	30.41	-1.62	-56.13	-0.062	-57.90	-1.77
32E	72N	3462.3	966.2	0.88	-90.50	32.09	-1.46	-58.99	-0.063	-61.09	-2.10
32E	74N	3502.0	1005.9	0.92	-94.22	33.41	-1.25	-61.15	-0.063	-63.77	-2.62
32E	76N	3517.6	1021.5	0.95	-95.68	33.92	-0.91	-61.71	-0.063	-64.69	-2.98
32E	78N	3532.9	1036.8	0.99	-97.12	34.43	-0.72	-62.41	-0.064	-65.81	-3.40
32E	80N	3549.3	1053.2	1.02	-98.65	34.98	-0.63	-63.29	-0.064	-67.08	-3.79
40E	8N	2551.4	55.3	-0.31	-5.18	1.84	-0.31	-3.96	-0.044	-3.05	0.91
40E	10N	2574.2	78.1	-0.28	-7.31	2.59	-0.38	-5.38	-0.046	-4.26	1.12
40E	12N	2617.0	120.9	-0.24	-11.32	4.01	-0.44	-7.99	-0.051	-6.85	1.14
40E	14N	2659.7	163.6	-0.21	-15.32	5.43	-0.54	-10.64	-0.052	-9.30	1.34
40E	16N	2674.3	178.2	-0.17	-16.69	5.92	-0.45	-11.40	-0.053	-10.07	1.33
40E	18N	2706.9	210.8	-0.14	-19.74	7.00	-0.47	-13.35	-0.055	-12.18	1.17
40E	20N	2730.4	234.3	-0.10	-21.94	7.78	-0.44	-14.71	-0.057	-13.91	0.80
40E	22N	2741.1	245.0	-0.07	-22.95	8.14	-0.38	-15.26	-0.057	-14.50	0.76
40E	24N	2759.2	263.1	-0.03	-24.64	8.74	-0.38	-16.32	-0.058	-15.65	0.67
40E	26N	2799.7	303.6	0.00	-28.44	10.08	-0.45	-18.80	-0.059	-18.30	0.50
40E	28N	2831.6	335.5	0.03	-31.42	11.14	-0.50	-20.75	-0.059	-20.19	0.56
40E	30N	2834.1	338.0	0.07	-31.66	11.22	-0.33	-20.69	-0.059	-20.12	0.57
40E	32N	2837.7	341.6	0.10	-32.00	11.34	-0.27	-20.81	-0.059	-20.16	0.65
40E	34N	2858.8	362.7	0.14	-33.97	12.04	-0.26	-22.05	-0.059	-21.42	0.63
40E	36N	2864.0	367.9	0.17	-34.46	12.22	-0.25	-22.32	-0.059	-21.74	0.58
40E	38N	2873.6	377.5	0.21	-35.36	12.54	-0.29	-22.91	-0.059	-22.39	0.52
40E	40N	2892.4	396.3	0.24	-37.12	13.16	-0.35	-24.06	-0.059	-23.55	0.51
40E	42N	2929.6	433.5	0.28	-40.60	14.40	-0.41	-26.34	-0.059	-25.88	0.46
40E	44N	2940.4	444.3	0.31	-41.62	14.75	-0.46	-27.01	-0.060	-26.68	0.33
40E	46N	2968.0	471.9	0.35	-44.20	15.67	-0.52	-28.70	-0.060	-28.48	0.22
40E	48N	2997.6	501.7	0.38	-46.99	16.66	-0.56	-30.51	-0.060	-30.30	0.21
40E	50N	3024.5	528.4	0.41	-49.49	17.55	-0.57	-32.10	-0.060	-32.11	-0.01
40E	52N	3055.2	559.1	0.45	-52.37	18.57	-0.57	-33.92	-0.061	-34.09	-0.17
40E	54N	3101.7	605.6	0.48	-56.72	20.11	-0.67	-36.80	-0.061	-36.98	-0.18
40E	56N	3120.3	624.2	0.52	-58.47	20.73	-0.66	-37.88	-0.061	-38.15	-0.27
40E	58N	3130.6	634.5	0.55	-59.43	21.07	-0.70	-38.50	-0.061	-38.84	-0.34
40E	60N	3161.2	665.1	0.59	-62.30	22.09	-0.79	-40.42	-0.061	-41.02	-0.60
40E	62N	3188.6	692.5	0.62	-64.87	23.00	-0.93	-42.17	-0.062	-43.04	-0.87
40E	64N	3218.3	722.2	0.66	-67.65	23.98	-1.11	-44.12	-0.062	-45.14	-1.02
40E	66N	3254.6	758.5	0.69	-71.05	25.19	-1.34	-46.50	-0.062	-47.69	-1.19
40E	68N	3317.2	821.1	0.73	-76.91	27.27	-1.47	-50.38	-0.062	-51.79	-1.41
40E	70N	3383.1	887.0	0.76	-83.08	29.46	-1.53	-54.40	-0.062	-55.85	-1.45
40E	72N	3443.7	947.6	0.79	-88.76	31.47	-1.48	-57.98	-0.063	-59.91	-1.93
40E	74N	3503.9	1007.8	0.83	-94.40	33.47	-1.37	-61.48	-0.063	-63.78	-2.30
40E	76N	3536.1	1040.0	0.86	-97.42	34.54	-1.08	-63.10	-0.063	-65.88	-2.78
40E	78N	3566.4	1070.3	0.90	-100.25	35.55	-0.88	-64.70	-0.064	-68.04	-3.34
40E	80N	3589.3	1093.2	0.93	-102.40	36.31	-0.74	-65.90	-0.064	-69.53	-3.63
60E	0	2366.3	-129.8	-0.67	12.16	-4.31	-0.35	6.83	-0.061	6.93	0.10
60E	2N	2378.4	-117.7	-0.64	11.03	-3.91	-0.44	6.04	-0.062	6.17	0.13

60E	4N	2398.8	-97.3	-0.60	9.12	-3.23	-0.54	4.74	-0.061	4.84	0.10
60E	6N	2443.7	-52.4	-0.57	4.91	-1.74	-0.53	2.08	-0.066	2.37	0.29
60E	8N	2482.8	-13.3	-0.53	1.25	-0.44	-0.56	-0.29	-0.094	0.16	0.45
60E	10N	2532.6	36.5	-0.50	-3.42	1.21	-0.58	-3.29	-0.037	-2.43	0.86
60E	12N	2560.8	64.7	-0.47	-6.06	2.15	-0.52	-4.90	-0.046	-3.94	0.96
60E	14N	2574.1	78.0	-0.43	-7.30	2.59	-0.45	-5.60	-0.049	-4.71	0.89
60E	16N	2601.6	105.5	-0.40	-9.88	3.50	-0.45	-7.22	-0.052	-6.37	0.85
60E	18N	2636.3	140.2	-0.36	-13.13	4.65	-0.44	-9.28	-0.054	-8.40	0.88
60E	20N	2668.2	172.1	-0.33	-16.12	5.71	-0.44	-11.17	-0.055	-10.27	0.90
60E	22N	2684.2	188.1	-0.29	-17.62	6.25	-0.36	-12.03	-0.056	-11.12	0.91
60E	24N	2694.0	197.9	-0.26	-18.53	6.57	-0.30	-12.52	-0.056	-11.73	0.79
60E	26N	2688.3	192.2	-0.22	-18.00	6.38	-0.31	-12.15	-0.057	-11.41	0.74
60E	28N	2705.9	209.8	-0.19	-19.65	6.97	-0.32	-13.20	-0.057	-12.45	0.75
60E	30N	2723.0	226.9	-0.15	-21.25	7.53	-0.37	-14.24	-0.057	-13.53	0.71
60E	32N	2751.8	255.7	-0.12	-23.95	8.49	-0.40	-15.97	-0.058	-15.39	0.58
60E	34N	2778.7	282.6	-0.09	-26.47	9.38	-0.42	-17.59	-0.059	-17.12	0.47
60E	36N	2808.3	312.2	-0.05	-29.24	10.37	-0.44	-19.36	-0.059	-19.01	0.35
60E	38N	2837.0	340.9	-0.02	-31.93	11.32	-0.45	-21.07	-0.060	-20.76	0.31
60E	40N	2854.1	358.0	0.02	-33.53	11.89	-0.44	-22.06	-0.060	-21.76	0.30
60E	42N	2862.0	365.9	0.05	-34.27	12.15	-0.49	-22.56	-0.059	-22.16	0.40
60E	44N	2875.6	379.5	0.09	-35.55	12.60	-0.65	-23.50	-0.059	-23.11	0.39
60E	46N	2898.3	402.2	0.12	-37.67	13.36	-0.84	-25.04	-0.059	-24.63	0.41
60E	48N	2939.1	443.0	0.16	-41.49	14.71	-0.93	-27.56	-0.060	-27.36	0.20
60E	50N	2980.7	484.6	0.19	-45.39	16.09	-0.97	-30.08	-0.061	-30.12	-0.04
60E	52N	3042.8	546.7	0.22	-51.21	18.16	-0.96	-33.78	-0.060	-33.80	-0.02
60E	54N	3083.4	587.3	0.26	-55.01	19.50	-1.03	-36.28	-0.060	-36.28	-0.00
60E	56N	3123.6	627.5	0.29	-58.78	20.84	-1.15	-38.79	-0.061	-38.86	-0.07
60E	58N	3169.1	673.0	0.33	-63.04	22.35	-1.25	-41.61	-0.061	-41.68	-0.07
60E	60N	3218.2	722.1	0.36	-67.64	23.98	-1.32	-44.61	-0.061	-44.87	-0.26
60E	62N	3255.6	759.5	0.40	-71.14	25.22	-1.29	-46.82	-0.061	-47.26	-0.44
60E	64N	3279.5	783.4	0.43	-73.38	26.02	-1.27	-48.21	-0.061	-48.86	-0.65
60E	66N	3320.2	824.1	0.47	-77.19	27.37	-1.36	-50.72	-0.062	-51.73	-1.01
60E	68N	3371.9	875.8	0.50	-82.04	29.09	-1.48	-53.93	-0.062	-55.13	-1.20
60E	70N	3421.9	925.8	0.54	-86.72	30.75	-1.58	-57.01	-0.062	-58.51	-1.50
60E	72N	3476.9	980.8	0.57	-91.87	32.57	-1.63	-60.36	-0.062	-62.23	-1.87
60E	74N	3531.6	1035.5	0.60	-97.00	34.39	-1.64	-63.64	-0.063	-65.86	-2.22
60E	76N	3588.5	1092.4	0.64	-102.33	36.28	-1.61	-67.02	-0.063	-69.62	-2.60
60E	78N	3646.0	1149.9	0.67	-107.71	38.19	-1.57	-70.42	-0.063	-73.45	-3.03
60E	80N	3677.7	1181.6	0.71	-110.68	39.24	-1.36	-72.09	-0.063	-75.57	-3.48
80E	0	2455.2	-40.9	-0.90	3.83	-1.36	-0.21	1.37	-0.068	1.67	0.30
80E	2N	2462.8	-33.3	-0.86	3.12	-1.11	-0.17	0.98	-0.071	1.34	0.36
80E	4N	2464.5	-31.6	-0.83	2.96	-1.05	-0.14	0.95	-0.071	1.28	0.33
80E	6N	2474.2	-21.9	-0.79	2.06	-0.73	-0.14	0.39	-0.069	0.58	0.19
80E	8N	2490.1	-6.0	-0.76	0.57	-0.20	-0.16	-0.55	-0.082	-0.42	0.13
80E	10N	2505.6	9.5	-0.72	-0.89	0.31	-0.17	-1.47	-0.053	-1.40	0.07
80E	12N	2521.2	25.1	-0.69	-2.35	0.83	-0.18	-2.38	-0.060	-2.37	0.01
80E	14N	2527.4	31.3	-0.65	-2.93	1.04	-0.17	-2.72	-0.061	-2.73	-0.01
80E	16N	2535.7	39.6	-0.62	-3.71	1.31	-0.18	-3.20	-0.059	-3.12	0.08
80E	18N	2546.0	49.9	-0.59	-4.67	1.66	-0.21	-3.81	-0.057	-3.63	0.18
80E	20N	2555.9	59.8	-0.55	-5.60	1.98	-0.26	-4.42	-0.058	-4.30	0.12
80E	22N	2576.9	80.8	-0.52	-7.57	2.68	-0.30	-5.70	-0.056	-5.31	0.39
80E	24N	2584.5	88.4	-0.48	-8.28	2.93	-0.39	-6.22	-0.053	-5.60	0.62
80E	26N	2610.2	114.1	-0.45	-10.68	3.79	-0.46	-7.80	-0.055	-7.19	0.61
80E	28N	2649.6	153.5	-0.41	-14.38	5.10	-0.51	-10.20	-0.055	-9.39	0.81
80E	30N	2679.0	182.9	-0.38	-17.13	6.07	-0.54	-11.98	-0.057	-11.39	0.59
80E	32N	2720.8	224.7	-0.34	-21.04	7.46	-0.59	-14.52	-0.057	-13.65	0.87
80E	34N	2730.4	234.3	-0.31	-21.94	7.78	-0.54	-15.01	-0.057	-14.23	0.78
80E	36N	2751.5	255.4	-0.28	-23.92	8.48	-0.59	-16.30	-0.058	-15.62	0.68
80E	38N	2782.9	286.8	-0.24	-26.86	9.52	-0.66	-18.24	-0.058	-17.56	0.68
80E	40N	2829.9	333.8	-0.21	-31.26	11.08	-0.71	-21.10	-0.059	-20.54	0.56

80E	42N	2875.9	379.8	-0.17	-35.57	12.61	-0.77	-23.90	-0.059	-23.40	0.50
80E	44N	2897.0	400.9	-0.14	-37.55	13.31	-0.67	-25.04	-0.060	-24.75	0.29
80E	46N	2914.6	418.5	-0.10	-39.20	13.90	-0.60	-26.00	-0.060	-25.96	0.04
80E	48N	2935.0	438.9	-0.07	-41.11	14.58	-0.59	-27.19	-0.061	-27.26	-0.07
80E	50N	2959.6	463.5	-0.03	-43.41	15.39	-0.60	-28.65	-0.061	-28.77	-0.12
80E	52N	2987.4	491.3	0.00	-46.02	16.32	-0.64	-30.34	-0.061	-30.59	-0.25
80E	54N	3008.3	512.2	0.04	-47.98	17.01	-0.77	-31.70	-0.061	-31.96	-0.26
80E	56N	3030.9	534.8	0.07	-50.09	17.76	-0.98	-33.25	-0.061	-33.53	-0.28
80E	58N	3072.5	576.4	0.10	-53.99	19.14	-1.21	-35.95	-0.061	-36.21	-0.26
80E	60N	3112.6	616.5	0.14	-57.75	20.47	-1.44	-38.58	-0.061	-38.99	-0.41
80E	62N	3163.8	667.7	0.17	-62.54	22.17	-1.66	-41.85	-0.061	-42.28	-0.43
80E	64N	3238.6	742.5	0.21	-69.55	24.66	-1.85	-46.53	-0.061	-47.24	-0.71
80E	66N	3281.4	785.3	0.24	-73.56	26.08	-1.92	-49.16	-0.061	-49.94	-0.78
80E	68N	3351.3	855.2	0.28	-80.11	28.40	-2.05	-53.47	-0.062	-54.37	-0.90
80E	70N	3418.1	922.0	0.31	-86.36	30.62	-2.11	-57.54	-0.062	-58.61	-1.07
80E	72N	3478.1	982.0	0.35	-91.98	32.61	-2.08	-61.10	-0.062	-62.51	-1.41
80E	74N	3527.5	1031.4	0.38	-96.61	34.25	-1.99	-63.97	-0.062	-65.55	-1.58
80E	76N	3572.2	1076.1	0.41	-100.80	35.74	-1.90	-66.55	-0.062	-68.27	-1.72
80E	78N	3623.1	1127.0	0.45	-105.57	37.43	-1.86	-69.54	-0.062	-71.63	-2.09
80E	80N	3675.2	1179.1	0.48	-110.45	39.16	-1.82	-72.63	-0.062	-75.00	-2.37
100E	0N	2348.5	-147.6	-1.12	13.83	-4.90	-0.14	7.67	-0.053	6.61	-1.06
100E	2N	2345.4	-150.7	-1.09	14.12	-5.01	-0.29	7.73	-0.059	7.47	-0.26
100E	4N	2356.7	-139.4	-1.05	13.06	-4.63	-0.41	6.97	-0.060	6.89	-0.08
100E	6N	2434.4	-61.7	-1.02	5.78	-2.05	-0.37	2.34	-0.059	2.23	-0.11
100E	8N	2462.9	-33.2	-0.98	3.11	-1.10	-0.39	0.64	-0.060	0.62	-0.02
100E	10N	2463.1	-33.0	-0.95	3.09	-1.10	-0.20	0.85	-0.051	0.53	-0.32
100E	12N	2461.7	-34.4	-0.91	3.23	-1.14	-0.13	1.04	-0.048	0.61	-0.43
100E	14N	2469.8	-26.3	-0.88	2.47	-0.87	-0.12	0.59	-0.043	0.14	-0.45
100E	16N	2472.1	-24.0	-0.84	2.25	-0.80	-0.12	0.48	-0.057	0.39	-0.09
100E	18N	2476.2	-19.9	-0.81	1.87	-0.66	-0.15	0.25	-0.069	0.41	0.16
100E	20N	2483.8	-12.3	-0.78	1.16	-0.41	-0.18	-0.21	-0.082	0.05	0.26
100E	22N	2492.0	-4.1	-0.74	0.39	-0.14	-0.23	-0.72	-0.102	-0.55	0.17
100E	24N	2498.1	2.0	-0.71	-0.18	0.07	-0.32	-1.15	-0.051	-1.13	0.02
100E	26N	2509.4	13.3	-0.67	-1.24	0.44	-0.47	-1.94	-0.048	-1.78	0.16
100E	28N	2529.7	33.6	-0.64	-3.14	1.11	-0.63	-3.29	-0.056	-3.14	0.15
100E	30N	2568.8	72.7	-0.60	-6.81	2.41	-0.74	-5.74	-0.058	-5.59	0.15
100E	32N	2626.0	129.9	-0.57	-12.16	4.31	-0.84	-9.26	-0.059	-9.10	0.16
100E	34N	2671.3	175.2	-0.53	-16.41	5.82	-0.88	-12.01	-0.059	-11.79	0.22
100E	36N	2710.7	214.6	-0.50	-20.10	7.13	-0.88	-14.35	-0.059	-14.11	0.24
100E	38N	2748.9	252.8	-0.46	-23.68	8.39	-0.86	-16.62	-0.059	-16.24	0.38
100E	40N	2768.0	271.9	-0.43	-25.47	9.03	-0.82	-17.69	-0.059	-17.39	0.30
100E	52N	2974.3	478.2	-0.22	-44.79	15.88	-0.68	-29.81	-0.061	-29.88	-0.07
TP	800	2434.5	-61.6	0.49	5.77	-2.05	0.0	4.22	-0.027	2.14	-2.08
TP	801	2439.8	-56.3	0.55	5.28	-1.87	0.0	3.96	-0.027	2.09	-1.87
TP	802	2443.8	-52.3	0.62	4.90	-1.74	0.0	3.79	-0.017	1.52	-2.27
TP+803		2452.8	-43.3	0.70	4.06	-1.44	0.0	3.32	-0.004	0.89	-2.43
TP+805		2460.3	-35.8	0.77	3.36	-1.19	-0.09	2.85	0.019	0.0	-2.85
TP+806		2484.8	-11.3	0.82	1.06	-0.38	-0.09	1.42	0.217	-1.73	-3.15

THE PARAMETERS AT THE BASE POINT (WOP BASE) ARE:

GEOGRAPHIC LAT = 62.052 ; GEOCENTRIC LAT = 61.891. (DEGREES)

HEIGHT ABOVE ELEVATION DATUM = -2.6 FEET

THEORETICAL (ABSOLUTE) GRAVITY EFFECTS (MGALS):

LATITUDE	982061.422
FREE AIR (REL TO MSL)	-233.571
BOUGUER SLAB (2.600)	82.812
TERRAIN (2.600)	-.0
TOTAL THEORETICAL GRAVITY	981910.663 MGALS

OBSERVED (ABSOLUTE) GRAVITY 981822.190 MGALS

COMPLETE BOUGUER ANOMALY -88.473 MGALS

THE ELEVATION DATUM FOR THE SURVEY IS = 2496.1 FEET

THE ELEVATION FACTOR USED FOR DATA REDUCTION = 0.0605 MGAL/FOOT (DENSITY= 2.600

THE MEAN STATION ELEVATION = 2882.3 FEET

THE MEAN ELEVATION FACTOR FOR THIS SURVEY IS =-0.0622 MGAL/FOOT

THE MEAN TOTAL TERRAIN EFFECT FOR THIS SURVEY = 0.629 MGALS/STATION

THE MEAN RELATIVE TERRAIN EFFECT FOR THIS SURVEY =-0.629 MGALS/STATION

EXECUTION TERMINATED

$SIGNOFF

GRAVITY DATA - - - CHAP CLAIMS GRID

STN NO	ELEV	DELTA E*	*RELATIVE GRAV EFFECTS FOR EACH STN* +LAT	+F AIR	+BSLAB	+TERRN	=TOTAL	*FACTOR	ELEV GRAV	CPS BOUG ANOMLY
CHAP BAS	2649.0	-4.2	-.0	0.39	-0.14	0.0	0.25	0.0	0.0	-0.25
00 + 2S	2677.7	24.5	-0.03	-2.29	0.84	0.08	-1.40	-0.070	-1.67	-0.27
00 + 4S	2714.6	61.4	-0.07	-5.75	2.12	0.04	-3.66	-0.064	-3.94	-0.28
00 + 6S	2700.6	47.4	-0.10	-4.44	1.63	0.08	-2.83	-0.054	-2.60	0.23
00 + 8S	2697.1	43.9	-0.14	-4.11	1.51	-0.03	-2.76	-0.025	-1.28	1.48
00 +10S	2724.9	71.7	-0.17	-6.72	2.47	0.01	-4.40	-0.050	-3.76	0.64
00 +12S	2753.0	99.8	-0.20	-9.35	3.44	0.02	-6.09	-0.050	-5.20	0.89
00 +14S	2767.9	114.7	-0.24	-10.74	3.96	0.04	-6.98	-0.052	-6.17	0.81
00 +16S	2794.5	141.3	-0.27	-13.24	4.87	0.05	-8.59	-0.052	-7.60	0.99
00 +18S	2799.4	146.2	-0.31	-13.69	5.04	0.09	-8.87	-0.053	-7.98	0.89
00 +20S	2788.6	135.4	-0.34	-12.68	4.67	0.06	-8.30	-0.052	-7.32	0.98
00 +22S	2801.1	147.9	-0.38	-13.85	5.10	0.07	-9.06	-0.054	-8.34	0.72
00 +24S	2853.9	200.7	-0.41	-18.80	6.92	-0.07	-12.36	-0.057	-11.95	0.41
00 +26S	2827.1	173.9	-0.44	-16.29	6.00	0.13	-10.60	-0.056	-10.10	0.50
00 +28S	2815.6	162.4	-0.48	-15.21	5.60	0.14	-9.95	-0.056	-9.37	0.58
00 +30S	2806.4	153.2	-0.51	-14.35	5.28	0.13	-9.45	-0.055	-8.75	0.70
00 +32S	2810.1	156.9	-0.55	-14.70	5.41	0.14	-9.69	-0.055	-9.07	0.62
00 +34S	2805.6	152.4	-0.58	-14.28	5.26	0.12	-9.48	-0.055	-8.84	0.64
00 +36S	2805.8	152.6	-0.61	-14.29	5.26	0.12	-9.53	-0.057	-9.13	0.40
00 +38S	2807.8	154.6	-0.65	-14.48	5.33	0.12	-9.68	-0.057	-9.38	0.30
00 +40S	2808.4	155.2	-0.68	-14.54	5.35	0.11	-9.76	-0.057	-9.35	0.41
00 +42S	2816.3	163.1	-0.72	-15.28	5.63	0.13	-10.24	-0.057	-9.95	0.29
00 +44S	2822.3	169.1	-0.75	-15.84	5.83	0.13	-10.63	-0.058	-10.35	0.28
00 +46S	2829.9	176.7	-0.78	-16.55	6.09	0.13	-11.11	-0.057	-10.80	0.31
00 +47S	2831.4	178.2	-0.80	-16.69	6.15	0.13	-11.21	-0.058	-11.03	0.18
00 +48S	2833.6	180.4	-0.82	-16.90	6.22	0.12	-11.38	-0.057	-11.05	0.33
00 +49S	2835.1	181.9	-0.84	-17.04	6.27	0.12	-11.48	-0.058	-11.24	0.24
00 +50S	2837.6	184.4	-0.85	-17.27	6.36	0.10	-11.67	-0.058	-11.44	0.23
00 +51S	2839.7	186.5	-0.87	-17.47	6.43	0.10	-11.81	-0.058	-11.50	0.31
00 +52S	2843.3	190.1	-0.89	-17.81	6.56	0.07	-12.07	-0.058	-11.91	0.16
00 +53S	2845.8	192.6	-0.90	-18.04	6.64	0.07	-12.24	-0.059	-12.11	0.13
00 +54S	2850.5	197.3	-0.92	-18.48	6.80	0.02	-12.58	-0.059	-12.55	0.03
00 +55S	2856.3	203.1	-0.94	-19.02	7.00	0.02	-12.94	-0.060	-13.07	-0.13
00 +56S	2863.4	210.2	-0.95	-19.69	7.25	-0.04	-13.44	-0.059	-13.50	-0.06
00 +57S	2870.5	217.3	-0.97	-20.36	7.49	-0.04	-13.87	-0.060	-14.03	-0.16
00 +58S	2878.4	225.2	-0.99	-21.10	7.77	-0.13	-14.44	-0.060	-14.63	-0.19
00 +59S	2886.4	233.2	-1.01	-21.84	8.04	-0.13	-14.93	-0.060	-15.17	-0.24
00 +60S	2896.1	242.9	-1.02	-22.75	8.38	-0.23	-15.63	-0.060	-15.80	-0.17
00 +61S	2905.1	251.9	-1.04	-23.60	8.69	-0.23	-16.18	-0.060	-16.36	-0.18
00 +62S	2916.0	262.8	-1.06	-24.62	9.06	-0.36	-16.97	-0.060	-17.06	-0.09
00 +63S	2924.5	271.3	-1.07	-25.41	9.36	-0.36	-17.49	-0.059	-17.51	-0.02
00 +64S	2938.0	284.8	-1.09	-26.68	9.82	-0.53	-18.48	-0.059	-18.40	0.08
00 +65S	2950.1	296.9	-1.11	-27.81	10.24	-0.53	-19.21	-0.059	-19.18	0.03
00 +66S	2975.4	322.2	-1.13	-30.18	11.11	-0.62	-20.82	-0.059	-20.71	0.11
00 +68S	3017.6	364.4	-1.16	-34.13	12.57	-0.67	-23.40	-0.059	-23.23	0.17
00 +70S	3056.9	403.7	-1.19	-37.82	13.92	-0.69	-25.77	-0.059	-25.59	0.18
00 +72S	3100.0	446.8	-1.23	-41.85	15.41	-0.66	-28.33	-0.059	-28.24	0.09
00 +74S	3135.5	482.3	-1.26	-45.18	16.63	-0.62	-30.43	-0.059	-30.29	0.14
00 +76S	3165.1	511.9	-1.30	-47.95	17.66	-0.60	-32.19	-0.059	-31.96	0.23
00 +78S	3205.9	552.7	-1.33	-51.77	19.06	-0.56	-34.60	-0.059	-34.31	0.29
00 +80S	3230.1	576.9	-1.36	-54.04	19.90	-0.54	-36.05	-0.059	-35.69	0.36
8E+55S	2862.3	209.1	-1.03	-19.59	7.21	0.03	-13.37	-0.060	-13.55	-0.18
6E+55S	2860.1	206.9	-1.01	-19.38	7.14	0.04	-13.21	-0.061	-13.50	-0.29
4E+55S	2857.7	204.5	-0.98	-19.16	7.05	0.04	-13.05	-0.060	-13.20	-0.15
2E+55S	2858.2	205.0	-0.96	-19.20	7.07	0.03	-13.06	-0.060	-13.24	-0.18
2W+55S	2854.7	201.5	-0.91	-18.88	6.95	0.02	-12.82	-0.060	-12.90	-0.08
4W+55S	2846.8	193.6	-0.89	-18.14	6.68	0.01	-12.34	-0.059	-12.34	0.00

6W+55S	2845.9	192.7	-0.87	-18.05	6.65	-0.01	-12.28	-0.060	-12.34	-0.06
8W+55S	2842.0	188.8	-0.85	-17.69	6.51	-0.04	-12.05	-0.059	-12.02	0.03
10E+00	2649.0	-4.2	-0.11	0.39	-0.14	-0.05	0.08	-0.228	0.79	0.71
10E+ 2S	2660.3	7.1	-0.15	-0.67	0.24	-0.08	-0.65	0.043	0.08	0.73
10E+ 4S	2689.7	36.5	-0.18	-3.42	1.26	0.00	-2.34	-0.046	-1.87	0.47
10E+ 6S	2698.5	45.3	-0.22	-4.24	1.56	-0.04	-2.94	-0.044	-2.25	0.69
10E+ 8S	2724.5	71.3	-0.25	-6.68	2.46	-0.02	-4.49	-0.046	-3.57	0.92
10E+10S	2739.8	86.6	-0.29	-8.11	2.99	-0.05	-5.46	-0.047	-4.44	1.02
10E+12S	2781.6	128.4	-0.32	-12.03	4.43	-0.00	-7.92	-0.052	-6.94	0.98
10E+14S	2810.9	157.7	-0.35	-14.77	5.44	-0.02	-9.71	-0.050	-8.33	1.38
10E+16S	2818.6	165.4	-0.39	-15.49	5.70	0.05	-10.13	-0.051	-8.76	1.37
10E+18S	2812.1	158.9	-0.42	-14.88	5.48	0.13	-9.70	-0.052	-8.57	1.13
10E+20S	2815.9	162.7	-0.46	-15.24	5.61	0.14	-9.95	-0.052	-8.82	1.13
10E+22S	2823.7	170.5	-0.49	-15.97	5.88	0.14	-10.44	-0.054	-9.54	0.90
10E+24S	2854.9	201.7	-0.52	-18.89	6.96	-0.02	-12.48	-0.056	-11.92	0.56
10E+26S	2852.1	198.9	-0.56	-18.63	6.86	-0.06	-12.39	-0.057	-11.96	0.43
10E+28S	2796.4	143.2	-0.59	-13.41	4.94	0.08	-8.99	-0.056	-8.55	0.44
10E+30S	2785.2	132.0	-0.63	-12.36	4.55	0.06	-8.38	-0.056	-7.92	0.46
10E+32S	2790.5	137.3	-0.66	-12.86	4.74	0.10	-8.68	-0.055	-8.14	0.54
10E+34S	2794.7	141.5	-0.69	-13.25	4.88	0.10	-8.97	-0.055	-8.44	0.53
10E+36S	2811.1	157.9	-0.73	-14.79	5.45	0.13	-9.95	-0.057	-9.60	0.35
10E+38S	2824.2	171.0	-0.76	-16.02	5.90	0.13	-10.75	-0.058	-10.58	0.17
10E+40S	2835.5	182.3	-0.80	-17.08	6.29	0.13	-11.46	-0.059	-11.34	0.12
10E+42S	2844.3	191.1	-0.83	-17.90	6.59	0.13	-12.01	-0.059	-12.00	0.01
10E+44S	2853.3	200.1	-0.86	-18.74	6.90	0.12	-12.59	-0.059	-12.62	-0.03
10E+46S	2857.5	204.3	-0.90	-19.14	7.05	0.12	-12.87	-0.059	-12.84	0.03
10E+47S	2857.6	204.4	-0.92	-19.15	7.05	0.12	-12.90	-0.059	-12.93	-0.03
10E+48S	2858.3	205.1	-0.93	-19.21	7.07	0.10	-12.97	-0.060	-13.09	-0.12
10E+49S	2858.6	205.4	-0.95	-19.24	7.08	0.10	-13.01	-0.061	-13.32	-0.31
10E+50S	2862.4	209.2	-0.97	-19.60	7.22	0.08	-13.27	-0.060	-13.36	-0.09
10E+51S	2861.6	208.4	-0.98	-19.52	7.19	0.08	-13.24	-0.060	-13.34	-0.10
10E+52S	2860.5	207.3	-1.00	-19.42	7.15	0.04	-13.23	-0.060	-13.46	-0.23
10E+53S	2873.9	220.7	-1.02	-20.67	7.61	0.04	-14.04	-0.058	-13.68	0.36
10E+54S	2867.1	213.9	-1.04	-20.04	7.38	0.01	-13.69	-0.061	-14.00	-0.31
10E+55S	2871.4	218.2	-1.05	-20.44	7.53	0.01	-13.96	-0.061	-14.32	-0.36
10E+56S	2874.4	221.2	-1.07	-20.72	7.63	-0.05	-14.21	-0.061	-14.66	-0.45
10E+57S	2877.6	224.4	-1.09	-21.02	7.74	-0.05	-14.42	-0.062	-14.96	-0.54
10E+58S	2879.0	225.8	-1.10	-21.15	7.79	-0.14	-14.61	-0.061	-14.91	-0.30
10E+59S	2883.8	230.6	-1.12	-21.60	7.95	-0.14	-14.91	-0.061	-15.28	-0.37
10E+60S	2886.5	233.3	-1.14	-21.85	8.05	-0.29	-15.24	-0.061	-15.61	-0.37
10E+61S	2890.5	237.3	-1.15	-22.23	8.18	-0.29	-15.49	-0.061	-15.88	-0.39
10E+62S	2896.4	243.2	-1.17	-22.78	8.39	-0.53	-16.10	-0.060	-16.26	-0.16
10E+63S	2907.1	253.9	-1.19	-23.73	8.76	-0.53	-16.75	-0.059	-16.80	-0.05
10E+64S	2926.2	273.0	-1.21	-25.57	9.42	-0.66	-18.03	-0.060	-18.20	-0.17
10E+66S	2960.6	307.4	-1.24	-28.80	10.60	-0.81	-20.24	-0.059	-20.26	-0.02
10E+68S	3012.6	359.4	-1.27	-33.67	12.40	-0.81	-23.35	-0.059	-23.42	-0.07
10E+70S	3070.1	416.9	-1.31	-39.05	14.38	-0.76	-26.74	-0.069	-30.92	-4.18
10E+72S	3123.2	470.0	-1.34	-44.03	16.21	-0.74	-29.90	-0.059	-29.82	0.08
10E+74S	3142.9	489.7	-1.38	-45.87	16.89	-0.71	-31.07	-0.059	-30.83	0.24
10E+76S	3176.3	523.1	-1.41	-49.00	18.04	-0.74	-33.11	-0.059	-32.78	0.33
10E+78S	3228.3	575.1	-1.44	-53.87	19.83	-0.72	-36.20	-0.059	-35.90	0.30
10E+80S	3261.6	608.4	-1.48	-56.99	20.98	-0.68	-38.17	-0.058	-37.74	0.43
10W+00	2686.7	33.5	0.11	-3.14	1.16	0.14	-1.72	-0.075	-2.25	-0.53
10W+ 2S	2681.0	27.8	0.08	-2.60	0.96	0.15	-1.42	-0.064	-1.55	-0.13
10W+ 4S	2682.5	29.3	0.05	-2.74	1.01	0.13	-1.56	-0.053	-1.39	0.17
10W+ 6S	2689.7	36.5	0.01	-3.42	1.26	0.11	-2.03	-0.050	-1.69	0.34
10W+ 8S	2696.9	43.7	-0.02	-4.09	1.51	0.09	-2.52	-0.048	-2.05	0.47
10W+10S	2698.0	44.8	-0.06	-4.20	1.55	0.03	-2.68	-0.045	-2.05	0.63
10W+12S	2709.4	56.2	-0.09	-5.26	1.94	-0.02	-3.44	-0.045	-2.66	0.78
10W+14S	2732.1	78.9	-0.12	-7.39	2.72	-0.00	-4.79	-0.050	-4.06	0.73

10W+16S	2759.1	105.9	-0.16	-9.92	3.65	0.01	-6.42	-0.052	-5.65	0.77
10W+18S	2762.5	109.3	-0.19	-10.24	3.77	-0.08	-6.74	-0.051	-5.89	0.85
10W+20S	2783.2	130.0	-0.23	-12.18	4.48	-0.12	-8.04	-0.054	-7.31	0.73
10W+22S	2826.4	173.2	-0.26	-16.22	5.97	-0.08	-10.59	-0.056	-10.06	0.53
10W+24S	2862.8	209.6	-0.29	-19.63	7.23	-0.08	-12.78	-0.057	-12.38	0.40
0W+26S	2906.5	253.3	-0.33	-23.73	8.74	-0.37	-15.69	-0.057	-15.20	0.49
JW+28S	2879.5	226.3	-0.36	-21.20	7.80	0.05	-13.71	-0.058	-13.38	0.33
10W+30S	2858.0	204.8	-0.40	-19.18	7.06	0.09	-12.43	-0.056	-11.87	0.56
10W+32S	2874.1	220.9	-0.43	-20.69	7.62	0.11	-13.39	-0.057	-12.92	0.47
10W+34S	2893.2	240.0	-0.46	-22.48	8.28	0.07	-14.60	-0.057	-14.02	0.58
10W+36S	2901.0	247.8	-0.50	-23.21	8.55	0.04	-15.12	-0.057	-14.46	0.66
10W+38S	2897.8	244.6	-0.53	-22.91	8.44	0.06	-14.95	-0.056	-14.26	0.69
10W+40S	2898.9	245.7	-0.57	-23.02	8.47	-0.01	-15.12	-0.056	-14.45	0.67
10W+42S	2883.3	230.1	-0.60	-21.55	7.94	-0.00	-14.22	-0.056	-13.59	0.63
10W+44S	2831.7	178.5	-0.64	-16.72	6.16	-0.03	-11.23	-0.056	-10.64	0.59
10W+46S	2826.7	173.5	-0.67	-16.25	5.98	-0.01	-10.94	-0.057	-10.59	0.35
10W+47S	2824.9	171.7	-0.69	-16.08	5.92	-0.01	-10.85	-0.058	-10.63	0.22
10W+48S	2826.9	173.7	-0.70	-16.27	5.99	0.01	-10.97	-0.058	-10.82	0.15
10W+49S	2824.6	171.4	-0.72	-16.06	5.91	0.01	-10.85	-0.058	-10.57	0.28
10W+50S	2819.9	166.7	-0.74	-15.62	5.75	-0.06	-10.66	-0.058	-10.50	0.16
10W+51S	2824.0	170.8	-0.75	-16.00	5.89	-0.06	-10.92	-0.059	-10.91	0.01
10W+52S	2829.9	176.7	-0.77	-16.55	6.09	-0.05	-11.28	-0.060	-11.45	-0.17
10W+53S	2832.1	178.9	-0.79	-16.76	6.17	-0.05	-11.42	-0.060	-11.61	-0.19
10W+54S	2832.9	179.7	-0.81	-16.83	6.20	-0.12	-11.56	-0.059	-11.58	-0.02
10W+55S	2835.7	182.5	-0.82	-17.10	6.29	-0.12	-11.74	-0.060	-11.84	-0.10
10W+56S	2841.3	188.1	-0.84	-17.62	6.49	-0.21	-12.18	-0.060	-12.29	-0.11
10W+57S	2849.5	196.3	-0.86	-18.39	6.77	-0.21	-12.68	-0.060	-12.87	-0.19
10W+58S	2861.8	208.6	-0.87	-19.54	7.19	-0.29	-13.50	-0.060	-13.63	-0.13
10W+59S	2871.7	218.5	-0.89	-20.47	7.54	-0.29	-14.11	-0.060	-14.29	-0.18
10W+60S	2883.2	230.0	-0.91	-21.54	7.93	-0.41	-14.93	-0.060	-15.17	-0.24
10W+61S	2899.9	246.7	-0.92	-23.11	8.51	-0.41	-15.94	-0.060	-16.19	-0.25
)W+62S	2922.1	268.9	-0.94	-25.19	9.27	-0.45	-17.30	-0.060	-17.57	-0.27
10W+63S	2948.3	295.1	-0.96	-27.64	10.18	-0.45	-18.87	-0.060	-19.11	-0.24
10W+64S	2968.9	315.7	-0.98	-29.57	10.89	-0.45	-20.11	-0.060	-20.29	-0.18
10W+66S	2991.2	338.0	-1.01	-31.66	11.66	-0.46	-21.48	-0.060	-21.59	-0.11
10W+68S	3022.7	369.5	-1.04	-34.61	12.74	-0.46	-23.37	-0.060	-23.60	-0.23
10W+70S	3052.8	399.6	-1.08	-37.43	13.78	-0.46	-25.18	-0.060	-25.47	-0.29
10W+72S	3073.9	420.7	-1.11	-39.41	14.51	-0.49	-26.50	-0.061	-27.19	-0.69
10W+74S	3100.3	447.1	-1.15	-41.88	15.42	-0.53	-28.13	-0.060	-28.49	-0.36
10W+76S	3121.1	467.9	-1.18	-43.83	16.14	-0.62	-29.49	-0.059	-29.53	-0.04
10W+78S	3170.3	517.1	-1.21	-48.44	17.83	-0.51	-32.33	-0.059	-32.42	-0.09
10W+80S	3207.3	554.1	-1.25	-51.90	19.11	-0.46	-34.50	-0.059	-34.66	-0.16
10W+20N	2670.8	17.6	0.46	-1.65	0.61	0.14	-0.45	-0.304	-4.75	-4.30
10W+18N	2652.8	-0.4	0.42	0.04	-0.01	0.19	0.63	9.600	-3.23	-3.86
10W+16N	2634.9	-18.3	0.39	1.71	-0.63	0.14	1.61	0.133	-1.91	-3.52
10W+14N	2650.3	-2.9	0.35	0.27	-0.10	0.18	0.70	1.180	-2.89	-3.59
10W+12N	2660.7	7.5	0.32	-0.70	0.26	0.12	-0.00	-0.531	-3.54	-3.54
10W+10N	2617.9	-35.3	0.29	3.31	-1.22	0.02	2.40	0.019	-0.37	-2.77
10W+ 8N	2620.0	-33.2	0.25	3.11	-1.15	0.01	2.23	0.009	-0.02	-2.25
10W+ 6N	2652.2	-1.0	0.22	0.09	-0.03	0.13	0.41	1.857	-1.51	-1.92
10W+ 4N	2653.2	0.0	0.18	-.0	0.0	0.11	0.29	0.0	-1.01	-1.30
10W+ 2N	2681.5	28.3	0.15	-2.65	0.98	0.13	-1.40	-0.095	-2.42	-1.02

THE PARAMETERS AT THE BASE POINT (CHAP BAS) ARE:

GEOGRAPHIC LAT = 62.060 ; GEOCENTRIC LAT = 61.920. (DEGREES)

HEIGHT ABOVE ELEVATION DATUM = -4.2 FEET

THEORETICAL (ABSOLUTE) GRAVITY EFFECTS (MGALS):

LATITUDE 982063.540

FREE AIR (REL TO MSL) -248.139

BOUGUER SLAB (2.700) 91.362

TERRAIN (2.700) -0.202
TOTAL THEORETICAL GRAVITY 981905.561 MGALS

OBSERVED (ABSOLUTE) GRAVITY 981815.370 MGALS

COMPLETE BOUGUER ANOMALY -91.191 MGALS

THE ELEVATION DATUM FOR THE SURVEY IS = 2653.2 FEET

THE ELEVATION FACTOR USED FOR DATA REDUCTION = 0.0592 MGAL/FOOT (DENSITY= 2.7
THE MEAN STATION ELEVATION = 2855.8 FEET

THE MEAN ELEVATION FACTOR FOR THIS SURVEY IS =-0.0630 MGAL/FOOT

THE MEAN TOTAL TERRAIN EFFECT FOR THIS SURVEY = 0.308 MGALS/STATION

THE MEAN RELATIVE TERRAIN EFFECT FOR THIS SURVEY =-0.106 MGALS/STATION

EXECUTION TERMINATED

$SIGNOFF


20W
0
20E
40E
60E
80E
100E
80N
60N
40N
20N
0
wop base point
ELEVATION MAP
Anvil Range Syndicate
NTS 105K/1
WOP GRID
CONTOUR INT. 50 ft
DIGITIZE INT. Δ=200'
filter
0.5 c/Δ
SCALE 1" = 500'
DATE NOV 1974
C.A. AGER & ASSOCIATES LTD.
8158 CAMBIE ROAD, RICHMOND, B.C.
TO ACCOMPANY REPORT TITLED
Gravity Survey - Wop & Chip Claims Grid
BY C. Ager
DATED 18 Nov 74 PROJECT # ARS

FIGURE 2B

COMPLETE BOUGUER GRAVITY MAP

Anvil Range Syndicate

NTS 105K/1

WOP GRID

CONTOUR INT. 2 gu.

DIGITIZE INT. Δ = 200'

filter 0·5 c/Δ

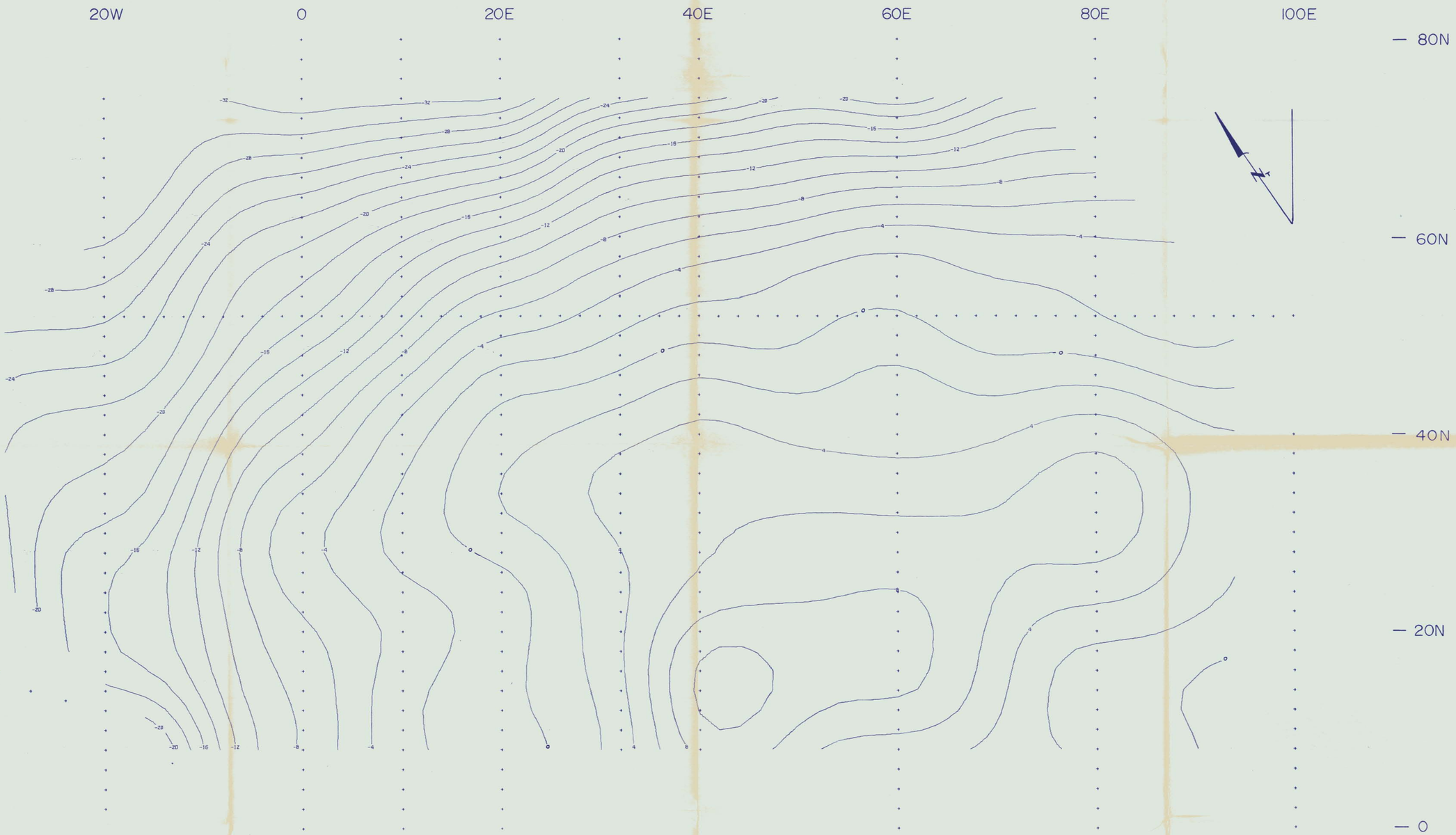
SCALE 1" = 500'

DATE NOV 1974

C.A. AGER & ASSOCIATES LTD.
815B CAMBIE ROAD, RICHMOND, B.C.

TO ACCOMPANY REPORT TITLED
Gravity Survey - WOP
5 Claim Grid
BY C. Ager
DATED 18 Nov 74 PROJECT # ARS

FIGURE 5B



TO ACCOMPANY REPORT TITLED
Gravity Survey - Wop
& Chip Claims 2nd
BY E. Ager
DATED Nov 74 PROJECT # ANS

SMOOTHED C·B· GRAVITY MAP

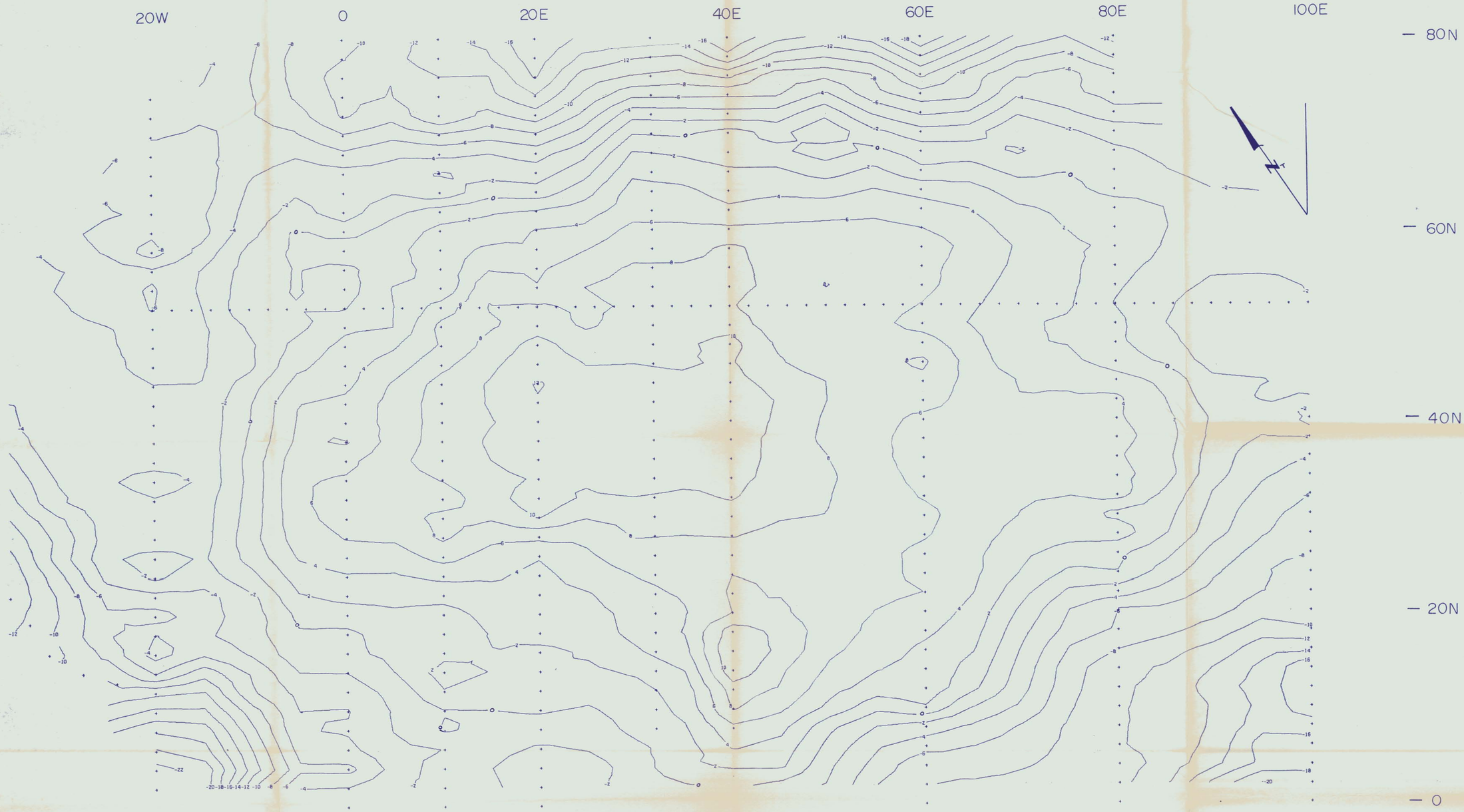
Anvil Range Syndicate
NTS 105K/1
WOP GRID

CONTOUR INT· 2 gu·
DIGITIZE INT· Δ=200'
filter 0·1 0·5 c/Δ

SCALE 1"= 500'
DATE NOV 1974

C·A· AGER & ASSOCIATES LTD·
815B CAMBIE ROAD, RICHMOND, B·C·

FIGURE 68



RESIDUAL GRAVITY MAP

Anvil Range Syndicate

NTS 105K/1

WOP GRID

CONTOUR INT. 2 gu.

DIGITIZE INT. Δ = 200'

filter 0·5 c/a

SCALE 1" = 500'

DATE NOV 1974

C.A. AGER & ASSOCIATES LTD.
815B CAMBIE ROAD, RICHMOND, B.C.

TO ACCOMPANY REPORT TITLED
Gravity Survey Wop & Chip Claims Grid
BY C. Ager
DATED 15 Nov 74 PROJECT # ARS

FIGURE 1B

20W 0 20E 40E 60E 80E 100E

80N

60N

40N

20N

0

N

SMOOTHED RESIDUAL GRAVITY MAP

Anvil Range Syndicate

NTS 105K/1

WOP GRID

CONTOUR INT. 2 gu.

DIGITIZE INT. Δ=200'

filter 0·1 0·5 c/Δ

SCALE 1"= 500'

DATE NOV 1974

C.A. AGER & ASSOCIATES LTD.
815B CAMBIE ROAD, RICHMOND, B.C.

TO ACCOMPANY REPORT TITLED
Gravity Survey - WOP & Chap Claims Grid
BY C. Ager
DATED 18 Nov 74 PROJECT # ARS

FIGURE 8B

10W

0

10E

20N

34°

CHAP BASE POINT

0

20S

40S

60S

80S

2700

2800

2900

3000

3100

3200

3300

3400

3500

ELEVATION MAP

Anvil Range Syndicate

NTS 105K/1

CHAP GRID

CONTOUR INT. 50 ft.

DIGITIZE INT. Δ=200'

filter

0·5 c/Δ

SCALE 1"= 500'

DATE NOV 1974

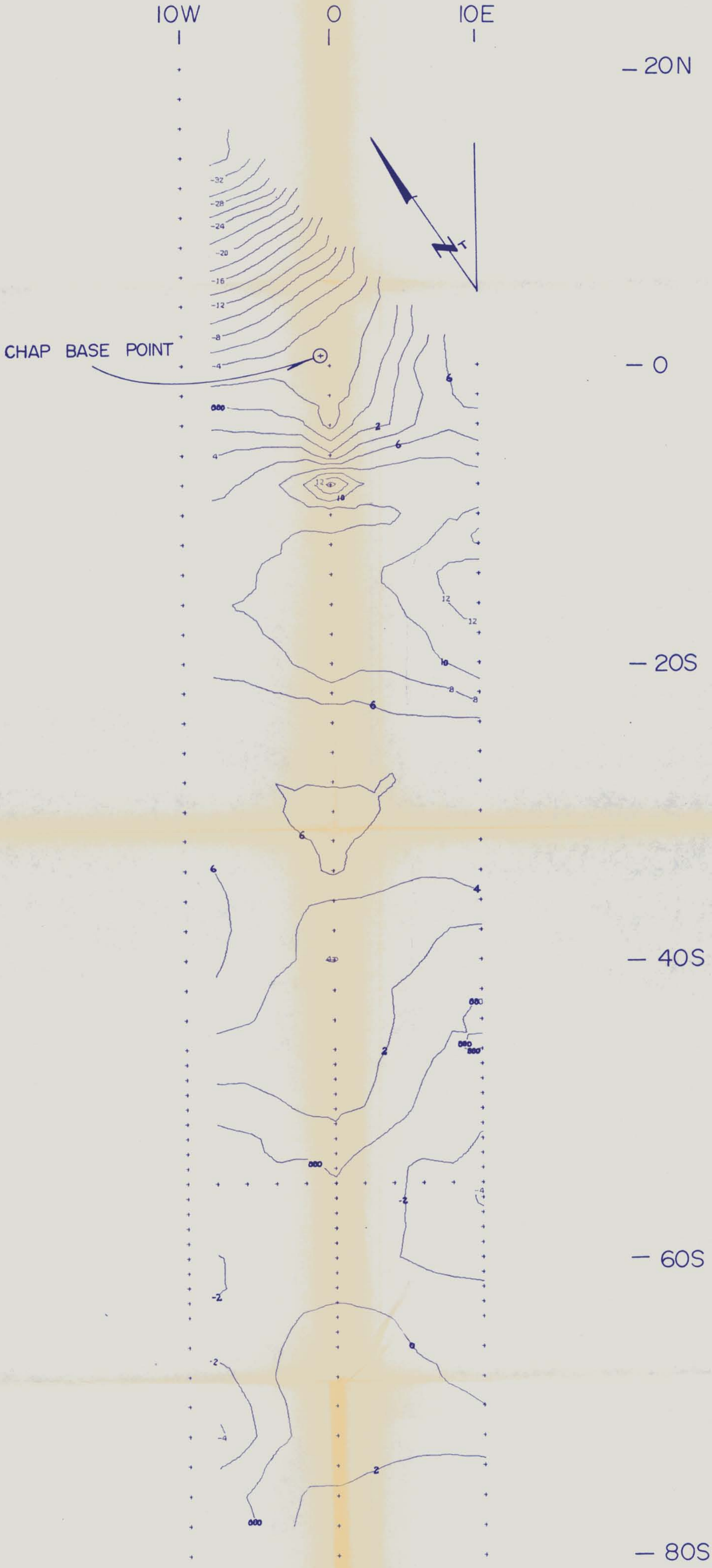
C·A·AGER & ASSOCIATES LTD·
815B CAMBIE ROAD, RICHMOND, B·C·

TO ACCOMPANY REPORT TITLED
Gravity Survey - Wop & Chap Claims Grid

BY C. Ager

DATED 18 Nov/74 PROJECT # ARS

FIGURE 12B



COMPLETE BOUGUER GRAVITY

Anvil Range Syndicate

NTS 105K/1

CHAP GRID

CONTOUR INT. 2 gu.

DIGITIZE INT. Δ = 200'

filter 0.5 c/Δ

SCALE 1" = 500'

DATE NOV 1974

C.A. AGER & ASSOCIATES LTD.
815B CAMBIE ROAD, RICHMOND, B.C.

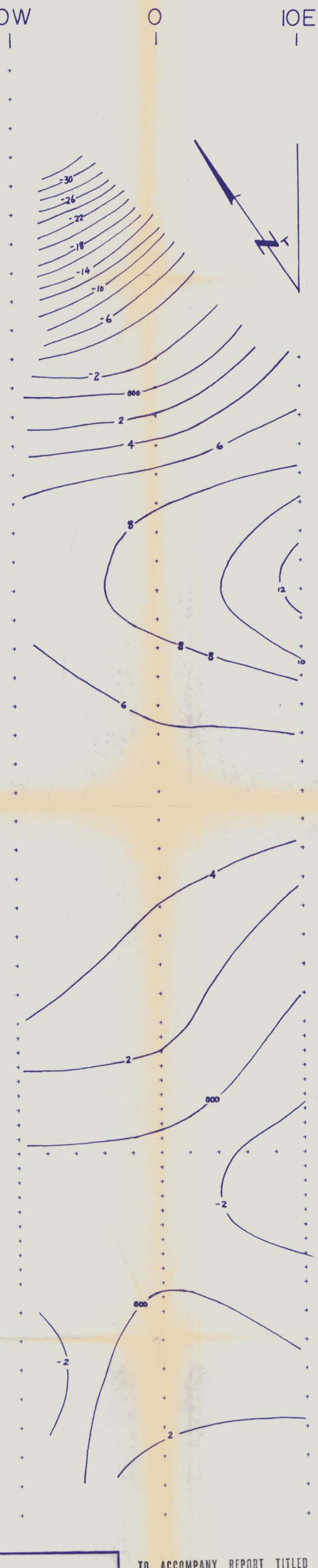
FIGURE 15B

TO ACCOMPANY REPORT TITLED
Gravity Survey - Wop & Chap Claims Grid

BY C. Ager

DATED 18 Nov 74 PROJECT # ARS

BOUGUER DENSITY = 2.70 g/cc



SMOOTHED C·B· GRAVITY MAP

Anvil Range Syndicate

NTS 105K/1

CHAP GRID

CONTOUR INT· 2 gu·

DIGITIZE INT· Δ= 200'

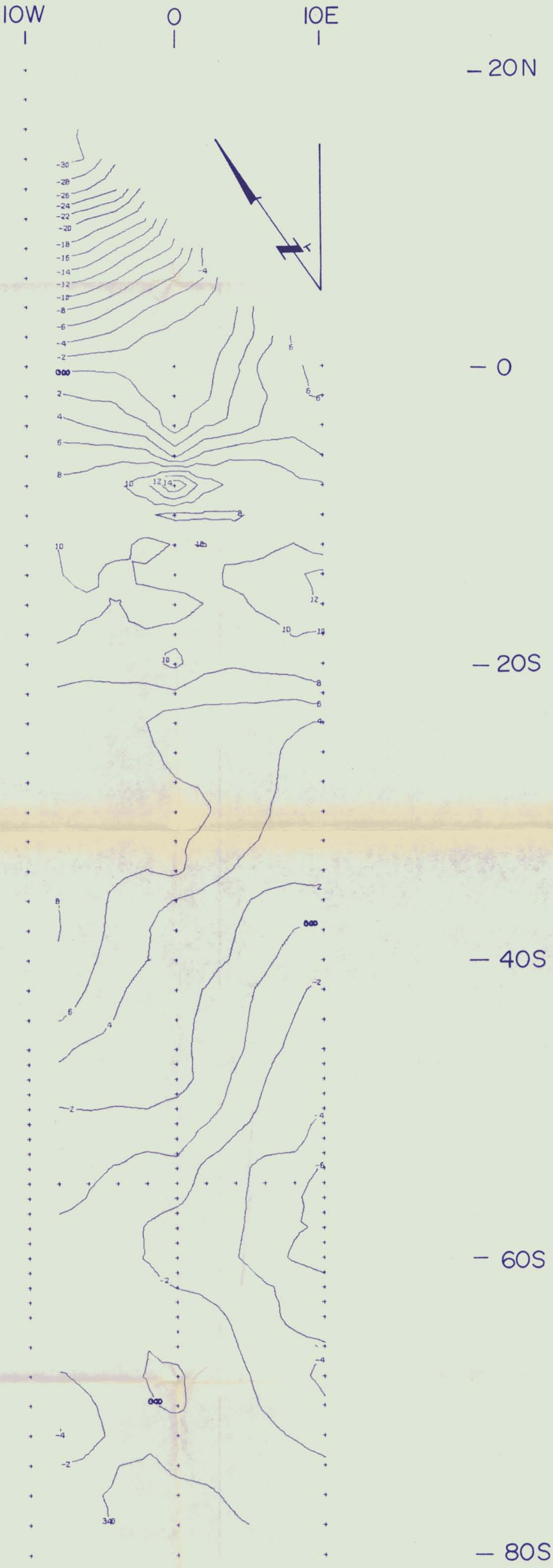
SCALE 1"= 500'

DATE NOV 1974

C·A· AGER & ASSOCIATES LTD·
815B CAMBIE ROAD, RICHMOND, B·C·

TO ACCOMPANY REPORT TITLED
Gravity Survey - Wop & Chap Claims Grid
BY C. Ager
DATED 18 Nov 74 PROJECT # ARS

FIGURE 16B



RESIDUAL GRAVITY MAP	
Anvil Range Syndicate NTS 105K/1 CHAP GRID	CONTOUR INT. 2 gu DIGITIZE INT. Δ= 200' filter 0·5 c/Δ
SCALE 1"= 500' DATE NOV 1974	C·A·AGER & ASSOCIATES LTD· 815B CAMBIE ROAD, RICHMOND, B·C·

TO ACCOMPANY REPORT TITLED
Gravity Survey - Wop & Chap Claims Grid
BY C. Ager
DATED 18/Nov/74 PROJECT # 105

FIGURE 18

y
x

10W | 0 | 10E

20N

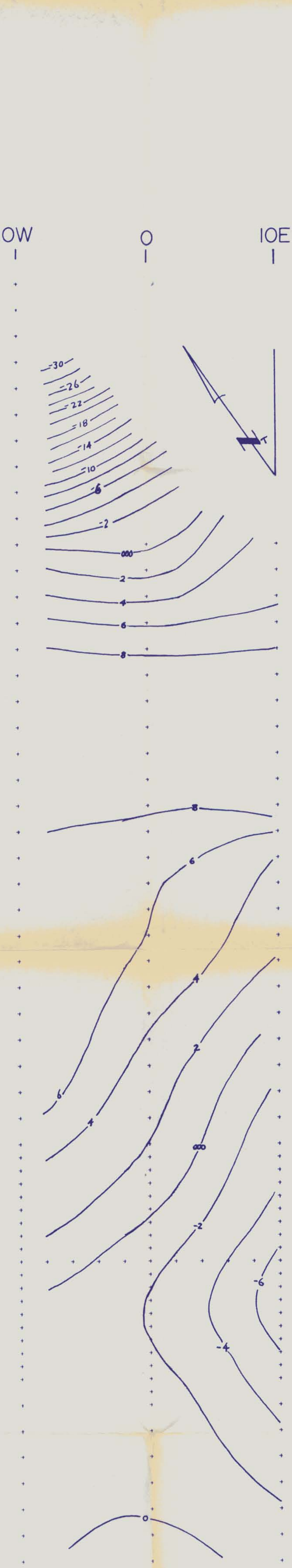
0

20S

40S

60S

80S



SMOOTHED RESIDUAL GRAVITY MAP

Anvil Range Syndicate

NTS 105K/1

CHAP GRID

CONTOUR INT. 2 gu.

DIGITIZE INT. Δ = 200'

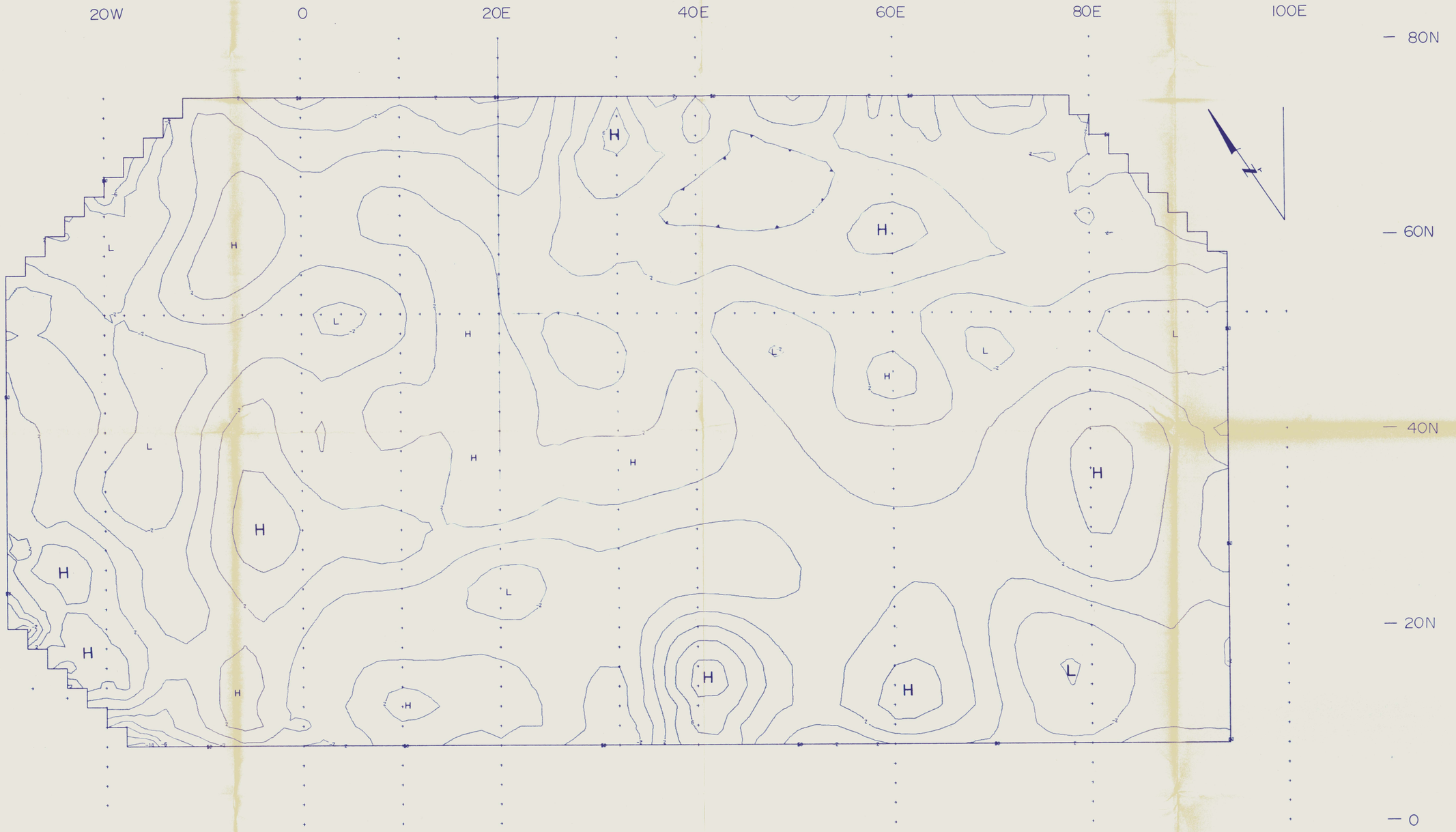
SCALE 1" = 500'

DATE NOV 1974

C·A·AGER & ASSOCIATES LTD·
815B CAMBIE ROAD, RICHMOND, B·C·

TO ACCOMPANY REPORT TITLED
Gravity Survey - Wop & Chap Claims Grid
BY C. Ager
DATED 18 Nov 74 PROJECT # 485

FIGURE 18B



TO ACCOMPANY REPORT TITLED
Gravity Survey - Wop
Claim Grid - Addendum
BY C. Ager
DATED 10 Dec 74 PROJECT # ARS

SECOND VERTICAL DERIVATIVE GRAV.

Anvil Range Syndicate
NTS 105K/1
WOP GRID

CONTOUR INT. 2gu/600 ft²
DIGITIZE INT. Δ = 200'
filter: center point - 1 ring r = 600'; 0.1, 0.5, c/Δ 3

SCALE 1" = 500'
DATE NOV 1974

C.A. AGER & ASSOCIATES LTD.
815B CAMBIE ROAD, RICHMOND, B.C.

FIGURE 19B