FIGURES 1 - 11
To accompany

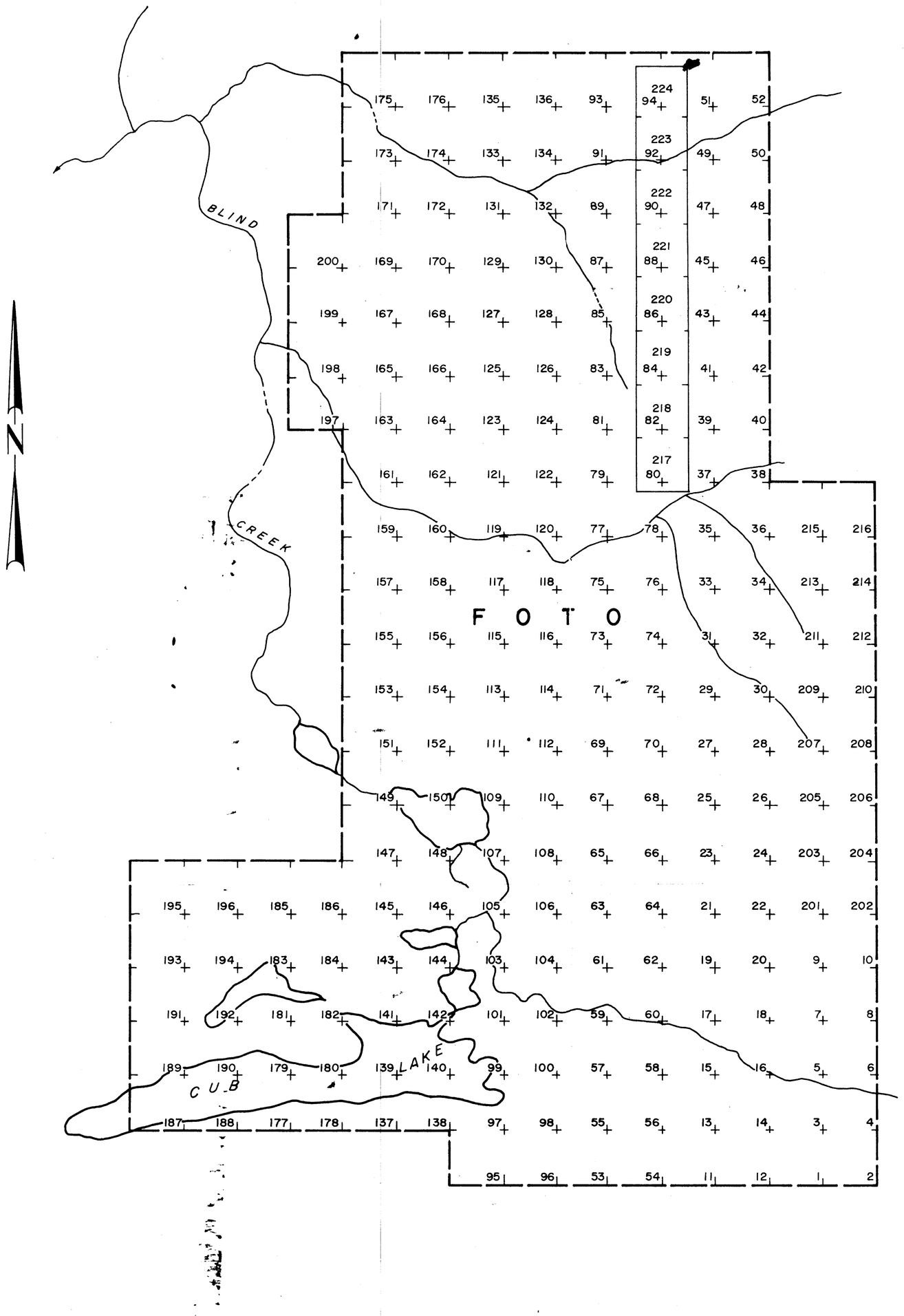
017568

"GEOLOGICAL, GEOPHYSICAL
AND GEOCHEMICAL REPORT
ON THE FOTO GROUP"

DYNASTY EXPLORATIONS LIMITED

By: W. J. Roberts, Jan. 1973

Part 2



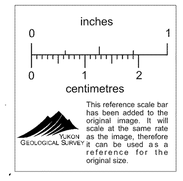
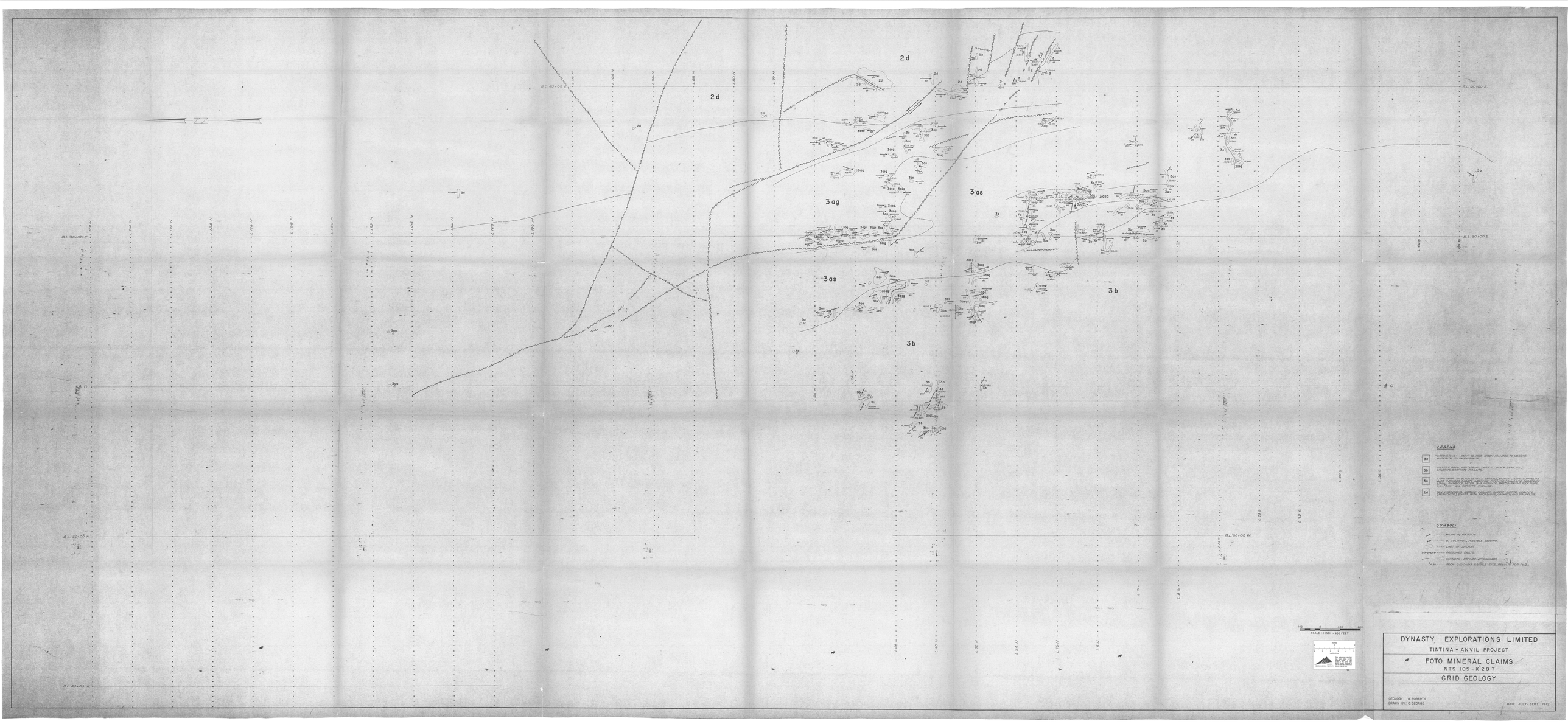


FOTO GROUP
CLAIM MAP

SCALE : 1" = 1/2 MILE


2d
3ag
3as
3b
LEGEND
3d
3b
3a
2d
SYMBOLS
SCALE - 1 INCH = 400 FEET
DYNASTY EXPLORATIONS LIMITED
TINTINA - ANVIL PROJECT
FOTO MINERAL CLAIMS
NTS 105 - K 2&7
GRID GEOLOGY
GEOLOGY: W. ROBERTS
DRAWN BY: C. GEORGE
DATE: JULY - SEPT. 1972

BLIND CREEK

GUB LAKE

BLIND CREEK

OUTLINE OF FOTO CLAIMS

B.L. 60+00 W

B.L. 30+00 W.

B.L. 0+00

B.L. 30+00 E

B.L. 60+00 E

208 N
200 N
192 N
184 N
176 N
168 N
160 N
152 N
144 N
136 N
128 N
120 N
112 N
104 N
96 N
88 N
80 N
72 N
64 N
56 N
48 N
40 N
32 N
24 N
16 N
8 N
0
8S
16S
24S
32S
46S
48S

3500
4000
4500

3a
3b
3b?
3a?
2d
II

LEGEND

II	MEDIUM GRAINED HYPIDIOMORPHIC BIOTITE QUARTZ MONZONITE TO GRANODIORITE.
3b	GREY TO BLACK SERICITE, CHLORITE, GRAPHITE PHYLLITE.
3a	LIGHT TO DARK GREY TO BLACK QUARTZ SERICITE, GRAPHITE BIOTITE PHYLLITE TO QUARTZITE (QTZ GRAPHITE PHYLLITE AND QUARTZITE INCLUDED)
2d	MEDIUM TO COARSE GRAINED QUARTZ SERICITE BIOTITE SCHIST, MINOR GARNETS.

PRESUMED FAULT

AVERAGE S_2 FOLIATION

——, — —, CONTACTS DEFINED, APPROXIMATE.

inches
0 1 2
0 1 2 3 4 5
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

DYNASTY EXPLORATIONS LIMITED

TINTINA - ANVIL PROJECT

FOTO GROUP

REGIONAL GEOLOGY MAP

SCALE: 1" = 1320'

DRAWN BY: C GEORGE

DATE: AUG. 31, 1972

FIELD COMPILATION ONLY

DYNASTY EXPLORATIONS LIMITED

FOTO MINERAL CLAIMS

ANVIL RANGE YUKON 105-K

AIRBORNE GEOPHYSICAL SURVEY COMPILATION - LOCKWOOD '65'

3240 — AEROMAGNETIC ANOMALY - MIN. CONTOUR CLOSURE

3 / 1 — H.E.M. CONDUCTOR OUTLINE, MIN. CONTOUR : P.P.M. IN PHASE SEC. FIELD REL. TO 4000 H_2 PRIMARY.

PROPOSED LOC. CUT LINE GRID

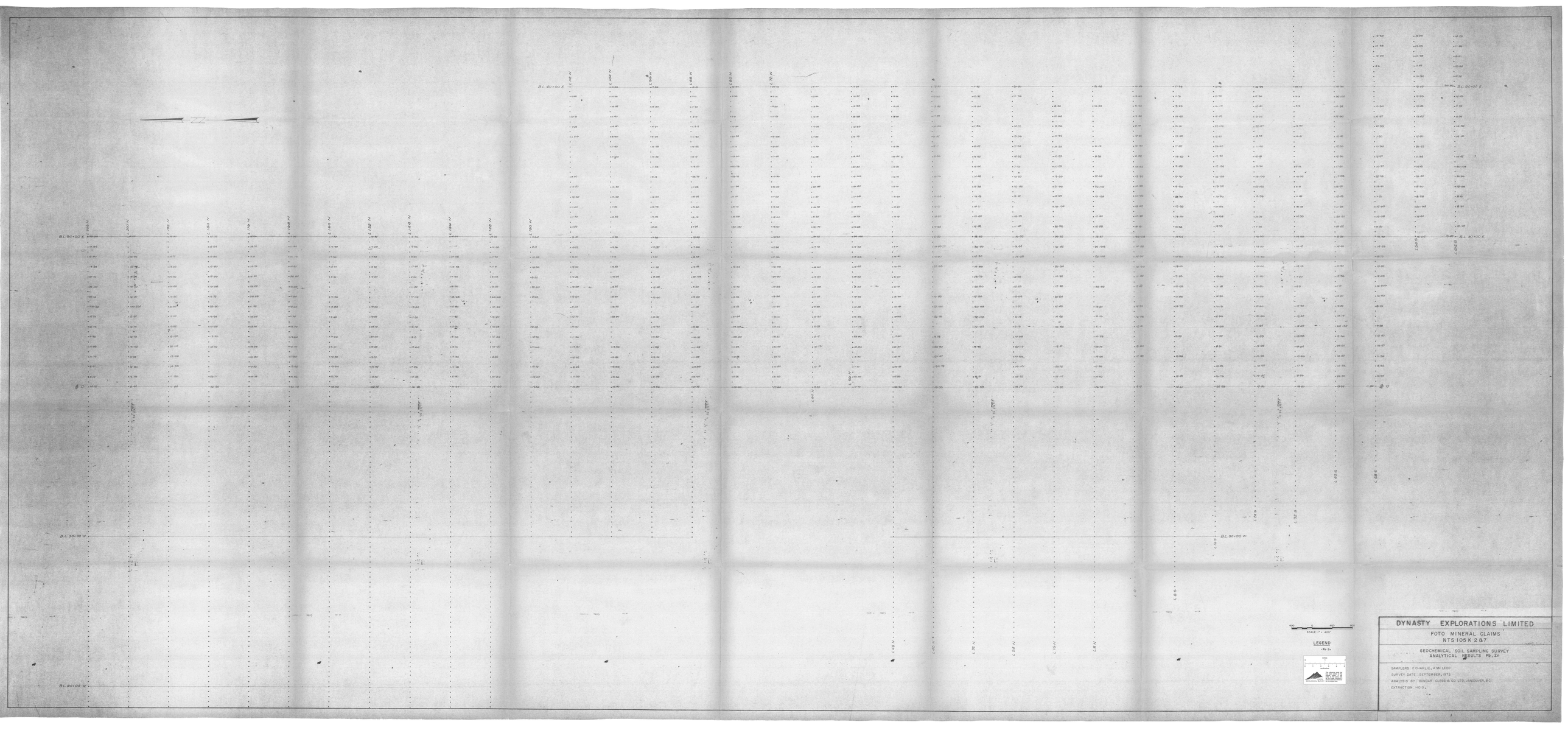
SCALE 1 : 1320

J.S.B. '72'

inches 0 1 2 / 0 1 2 3 4 5 centimetres

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.


B.L. 90+00 E.
B.L. 80+00 E.
B.L. 70+00 E.
B.L. 60+00 E.
B.L. 50+00 E.
B.L. 90+00 W.
B.L. 80+00 W.
B.L. 70+00 W.
B.L. 60+00 W.
B.L. 50+00 W.
L.208 N
L.200 N
L.192 N
L.184 N
L.176 N
L.168 N
L.160 N
L.152 N
L.144 N
L.136 N
L.128 N
L.120 N
L.112 N
L.104 N
L.96 N
L.88 N
L.80 N
L.72 N
L.64 N
L.56 N
L.48 N
L.40 N
L.32 N
L.24 N
L.16 N
L.8 N
L.0
L.8 S
L.16 S
L.24 S
L.32 S
L.40 S
L.48 S
L.56 S
L.64 S
L.72 S
L.80 S
L.88 S
L.96 S
L.104 S
L.112 S
L.120 S
L.128 S
L.136 S
L.144 S
L.152 S
L.160 S
L.168 S
L.176 S
L.184 S
L.192 S
L.200 S
L.208 S
SCALE 1" = 400'
LEGEND
Pb-Zn
Geological Survey Branch
Mineral Inventory Map
Mineral Deposits
Mineral Occurrences
Mineral Showings
Placer Deposits
Placer Occurrences
Placer Showings
Coal Deposits
Coal Occurrences
Coal Showings
Industrial Minerals
Industrial Minerals
Industrial Minerals

L 72 N

L 64 N

L 56 N

L 48 N

L 40 N

L 32 N

L 24 N

L 16 N

L 8 N

L 0

L 8 S

L 16 S

L 24 S

L 32 S

L 40 S

L 48 S

BL 59+00E

BL 30+00E

BL 0

BL 30+00W

CREEK

BLIND

34

DYNASTY EXPLORATIONS LIMITED

TINTINA-ANVIL PROJECT

FOTO MINERAL CLAIMS

GROUND MAGNETOMETER SURVEY
GAMMA VALUES - PROFILES

Scale	1"= 400 Feet
Profile Scale	1"= 200 gammas
Surveyed by	G. Sargeant
Profiles by	W. J. Roberts
Date	Sept. 21, 1972

inches 0 1 2 centimetres 0 1 2 3 4 5
YUKON GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will print to the same scale as the image, therefore it can be used as a reference for the original size.

L 80 N

L 88 N

L 96 N

L 104 N

L 112 N

L 120 N

L 128 N

L 136 N

L 144 N

L 152 N

L 160 N

L 168 N

L 176 N

L 184 N

L 192 N

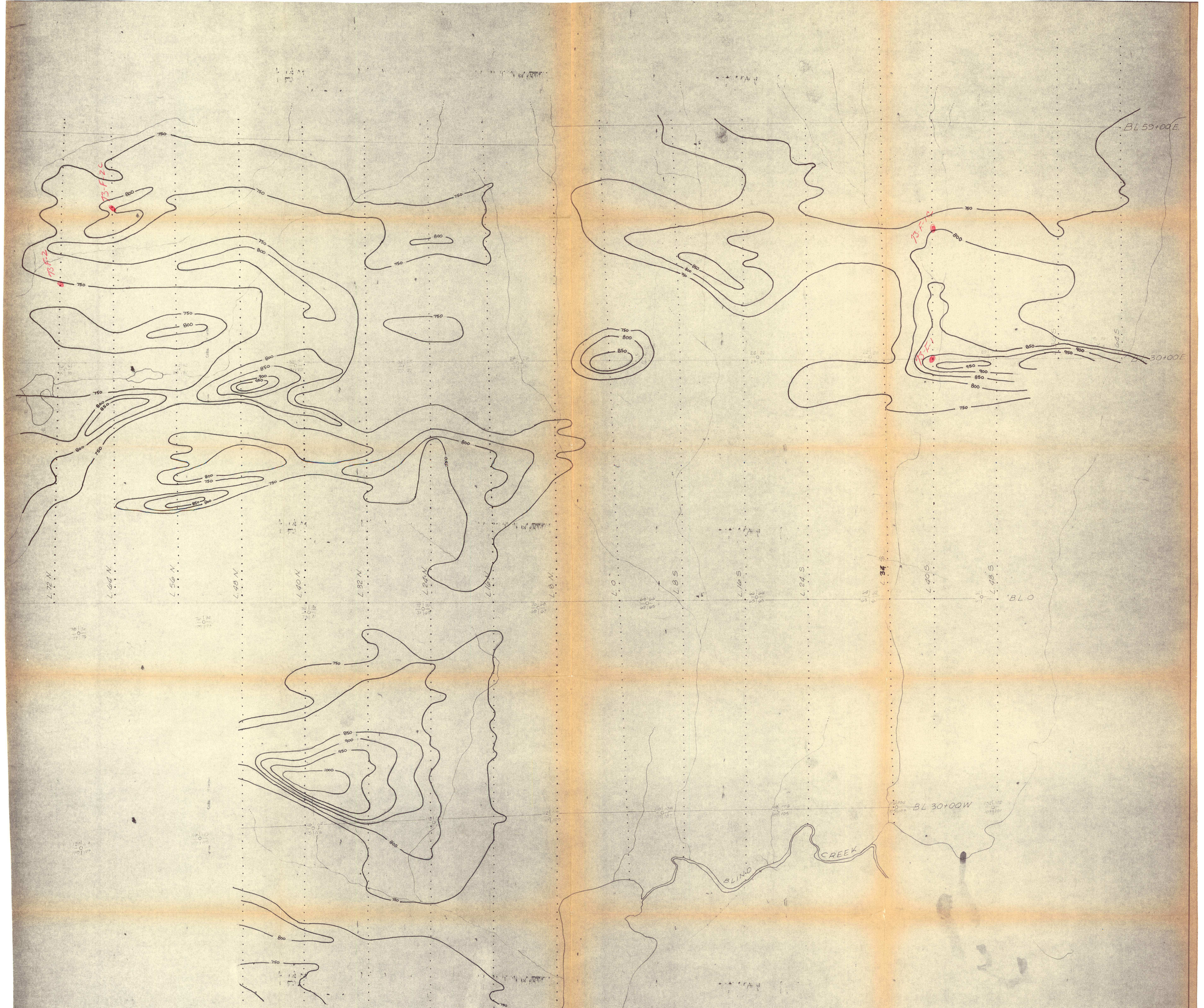
L 200 N

L 208 N

R 30 00 W.

R 31 00 W.

R 32 00 W.



DYNASTY EXPLORATIONS LIMITED

TINTINA-ANVIL PROJECT

FOTO MINERAL CLAIMS

MAGNETOMETER CONTOUR MAP

Contour Interval	500 gammas
Scale	1" = 400 feet
Surveyed by	J. Sargeant
Contoured by	W. J. Roberts
Date	Sept. 21, 1972

inches 0 1 2

centimetres 0 1 2 3 4 5

This reference scale bar has been added to the image by the YGS to show scale at the same rate as the image, therefore it is not accurate reference for the original size.

YUKON GEOLOGICAL SURVEY

L.208 N.

L.200 N.

L.192 N.

L.184 N.

L.176 N.

L.168 N.

L.160 N.

L.152 N.

L.144 N.

L.136 N.

L.128 N.

L.120 N.

L.112 N.

L.104 N.

L.96 N.

L.88 N.

L.80 N.

BL 60+00 W

BL 30+00 W

1000

950

900

850

800

750

73F-1

73F-2

73F-3

73F-4

73F-5

73F-30

Foto Group

16 8 N

168

152

144

136

128

R8

inches
0 1 2
centimetres
0 1 2 3 4 5

This reference scale bar was added to the original image. It will scale at the same rate as the image and can be used as a reference for the original size.

LAYCOCK GEOLOGICAL SURVEY

W 96 92 88 84 80 76 72 68 64 60 56 52 48 44 40 36 32 28 24 20 16 12 8 4 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 E

L-168N to L-208N LOOP 1
L-128N to L-168N LOOP 4

L-168N to L-208N LOOP 2
L-120N to L-168N LOOP 5

L-168N to L-208N LOOP 1
L-120N to L-168N LOOP 4

L-208 N
L-200 N
L-192 N
L-184 N
L-176 N
L-168 N
L-160 N
L-152 N
L-144 N
L-136 N
L-128 N
L-120 N
L-112 N
L-104 N
L-96 N
L-88 N

H
E
D
E
G
F
G
J
C
F
K
C
B
B

LOOP 3

LOOP 1, 30 x 40
LOOP 2, 30 x 40
LOOP 4, 30 x 48
LOOP 5, 30 x 48
LOOP 6, 30 x 32
LOOP 7, 30 x 32

L-80N to L-112N LOOP 6
L-80N to L-112N LOOP 7
LOOP 6

PHASE SHIFT / FIELD STRENGTH RATIO

PHASE SHIFT	FIELD STRENGTH RATIO
+10°	120 %
5°	110 %
0	100 %
-5°	90 %
-10°	80 %

W 96 92 88 84 80 76 72 68 64 60 56 52 48 44 40 36 32 28 24 20 16 12 8 4 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 E

N

LEGEND

400 Hz — — — 200 Hz
RATIO ---o---o---
PHASE - - -o- - -o- - -

READINGS TAKEN AT 400 Hz., UNLESS INDICATED OTHERWISE.

LEADING EDGE OF TRANSMITTING LOOP.

100 FEET RECEIVING COIL SEPARATION. INTERLINE SPACING TO SCALE.

CONDUCTOR AXIS
CONDUCTIVITY x THICKNESS (σt mhos)

DEPTH TO CURRENT AXIS

NORMAL ANOMALY:
WEAK
MODERATE
STRONG

REVERSED ANOMALY

CONTACT

CONDUCTOR AXIS

LOOP DIMENSIONS IN HUNDREDS OF FEET.

SCINTREX SE-71 INSTRUMENTATION EMPLOYED.

PLATE I

DYNASTY EXPLORATIONS LIMITED

FARO AREA, YUKON TERRITORY

FOTO GRID

PROFILES OF TURAM ELECTROMAGNETIC SURVEY

Inches 0 1 2 / centimetres 0 1 2 3 4 5

This reference scale bar has been added to the original image. It will change in proportion as the image. Enables it to be used for reference for the original size.

YUKON GEOLOGICAL SURVEY

SCALE 1" = 400'

BY

SCINTREX SURVEYS LIMITED

TO ACCOMPANY A GEOPHYSICAL REPORT BY MICHAEL J. LEWIS AND P. J. FOMINOFF

WORK COMPLETED: 14.9.1972
DRAFTED: 3.11.1972 at
REV:

JOB NUMBER 678

SHEET NUMBER 1 OF 2

L-80 N
L-72 N
L-64 N
L-56 N
L-48 N
L-40 N
L-32 N
L-24 N
L-16 N
L-8 N
L-0+00
L-8 S
L-16 S
L-24 S
L-32 S
L-34 S
L-40 S
L-48 S
L-56 S
L-64 S

W 52 48 44 40 36 32 28 24 20 16 12 8 4 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 E

L-48N to L-80N LOOP 9
L-16N to L-48N LOOP 12

L-48N to L-80N LOOP 8
L-16N to L-48N LOOP 11

L-16N to L-48N LOOP 10

L-16N to L-48N LOOP 11

LOOP 8, 32 x 30

LOOP 9, 32 x 30

LOOP 10, 32 x 30

LOOP 11, 32 x 30

LOOP 12, 32 x 30

L-24S to L-8N LOOP 13

L-24S to L-8N LOOP 14

L-24S to L-8N LOOP 15

L-24S to L-8N LOOP 14

LOOP 13, 32 x 25

LOOP 14, 32 x 30

LOOP 15, 32 x 30

LOOP 16, 32 x 30

LOOP 17, 24 x 20

LOOP 18, 32 x 25

L-64S to L-32S LOOP 16

L-64 to L-32S LOOP 17

L-64S to L-32S LOOP 18

L-64S to L-32S LOOP 16

L-64S to L-32S LOOP 18

R A ? S Q M L P N

PHASE SHIFT / FIELD STRENGTH RATIO

PHASE SHIFT	FIELD STRENGTH RATIO
+10°	120 %
5°	110 %
0	100 %
5°	90 %
-10°	80 %

N

LEGEND

400 Hz — · — · —
200 Hz ---o---o--

RATIO ---o---o--
PHASE ---o---o--

READINGS TAKEN AT 400 Hz., UNLESS INDICATED OTHERWISE.

LEADING EDGE OF TRANSMITTING LOOP

100 FEET RECEIVING COIL SEPARATION.
INTERLINE SPACING TO SCALE.

CONDUCTOR AXIS
CONDUCTIVITY x THICKNESS (σt mhos)

DEPTH TO CURRENT AXIS

NORMAL ANOMALY:
WEAK
MODERATE
STRONG

REVERSED ANOMALY

CONDUCTOR AXIS

LOOP DIMENSIONS IN HUNDREDS OF FEET

SCINTREX SE-71 INSTRUMENTATION EMPLOYED.

PLATE I

DYNASTY EXPLORATIONS LIMITED

FARO AREA, YUKON TERRITORY

FOTO GRID

PROFILES OF TURAM ELECTROMAGNETIC SURVEY

SCALE 1" = 400'

BY

SCINTREX SURVEYS LIMITED

inches 0 1 2
centimetres 0 1 2 3 4 5

This reference scale bar has been added to the original plan to enable it to be plotted at the same scale as the image, therefore it can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

TO ACCOMPANY A GEOPHYSICAL REPORT BY MICHAEL J. LEWIS AND P. J. FOMINOFF DATED: 9. NOVEMBER 1972	WORK COMPLETED: 14.9.1972 DRAFTED: 3.11.1972 at REV.:	JOB NUMBER 878	SHEET NUMBER 2 OF 2

BL 59+00E

BL 30+00E

BL 0

BL 30+00W

L 72 N

L 64 N

L 56 N

L 48 N

L 40 N

L 32 N

L 24 N

L 16 N

L 8 N

L 0

L 8 S

L 16 S

L 24 S

L 40 S

L 48 S

L 56 S

L 64 S

BLIND CREEK

400 0 400 800

SCALE: 1" = 400'

inches
0 1 2
0 1 2 3 4 5
centimetres

This reference scale bar was added to the original image to set scale at the same rate of reduction. Therefore it can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

DYNASTY EXPLORATIONS LIMITED

TINTINA-ANVIL PROJECT

FOTO MINERAL CLAIMS

TURAM SURVEY

FIELD STRENGTH CONTOUR MAP

CONTOUR INTERVAL 2 PERCENT

CONTOURED BY: W. ROBERTS

DATE: NOV., 1972

L 208 N.
L 200 N.
L 192 N.
L 184 N.
L 176 N.
L 168 N.
L 160 N.
L 152 N.
L 144 N.
L 136 N.
L 128 N.
L 120 N.
L 112 N.
L 104 N.
L 96 N.
L 88 N.
L 80 N.

B.L. 30+00 W.

B.L. 60+00 W.

inches
0 1 2
0 1 2 3 4 5
centimetres

This reference scale bar has been added to the original image as well as the image, therefore it can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

30W

0

30E

192 N

184 N

168 N

160 N

152 N

144 N

136 N

128 N

120 N

112 N

104 N

+0.5

+0.6

+0.8

+1.0

B

80 N

72 N

64 N

56 N

48 N

40 N

32 N

24 N

+0.4

+0.7

F

E

8S

16S

24S

34S

40S

48S

A

C

D

A'

30E

60E

DYNASTY EXPLORATIONS, LTD.

FOTO PROSPECT

RESIDUAL GRAVITY

Scale : 1 inch = 400 ft.

Elev. Corr. Factor = 0.060

Contour Interval : 0.1 milligal

October, 1972

AIRBORNE GEOPHYSICAL SURVEYS, LTD.

inches

centimetres

This reference scale bar is accurate when the original image is not scaled or the same rate of reduction has been used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

B.L. 60+00 W
B.L. 30+00 W
B.L. 0
B.L. 30+00 E.
B.L. 60+00 E.

208 N
200 N
192 N
184 N
176 N
168 N
160 N
152 N
144 N
136 N
128 N
120 N
112 N
104 N
96 N
88 N
80 N
72 N
64 N
56 N
48 N
40 N
32 N
24 N
16 N
8 N
0
8 S
16 S
24 S
34 S
40 S
48 S
56 S
64 S

73-F-5
73-F-4
73-F-3
73-F-3c
73-F-2
73-F-2c
73-F-1
73-F-1c

BLIND CREEK
BLIND CREEK
CUB LAKE

Prop. gravity 1973
"major magnetic anomaly"
"poor definition"
"major mag. anomaly"
"poor definition"
"prob. greenstone"
"major mag. anomaly"
"major mag. anomaly"
"major mag. anomaly