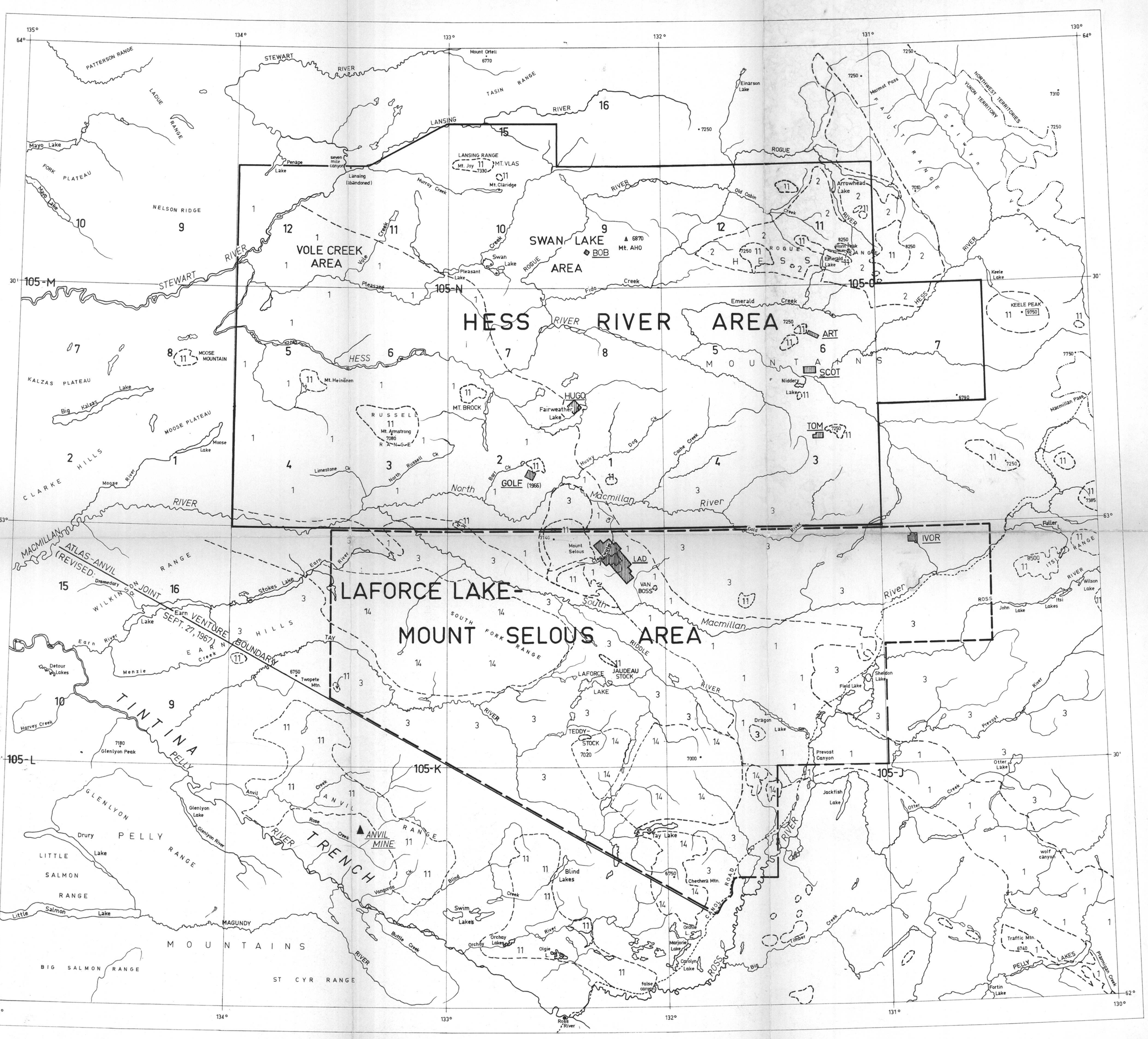
FIG. 2

— HESS PROJECT —


HESS RIVER AREA
LAFORCE LAKE-MOUNT SELOUS AREA
VOLE CREEK AREA
SWAN LAKE AREA
ATLAS-ANVIL JOINT VENTURE BOUNDARY (REVISED: SEPT. 27, 1967)
105-M
105-N
105-O
105-L
105-K
105-J
STEWART RIVER
HESS RIVER
MACMILLAN RIVER
ROSS RIVER
PELLY RIVER
TINTINA TRENCH
PATTERSON RANGE
LADUE RANGE
TASIN RANGE
LANSING RANGE
NELSON RIDGE
FORK PLATEAU
KALZAS PLATEAU
MOOSE PLATEAU
CLARKE HILLS
WILKINSON RANGE
EARN HILLS
SOUTH FORK RANGE
PELLY RANGE
ANVIL RANGE
LITTLE SALMON RANGE
BIG SALMON RANGE
ST CYR RANGE
HESS MOUNTAINS
ROGUE MOUNTAINS
SELWYN MOUNTAINS
RUSSELL RANGE
GLENLYON
MAGUNDY
Mount Ortell 6770
Mt. Joy 7330
MT. VLAS
Mt. Claridge
Mt. AHO 6870
BOB
Mt. Heinänen
MOOSE MOUNTAIN
MT. BROCK
Mt. Armstrong 7080
HUGO
Fairweather Lake
ART
SCOT
TOM
GOLF (1966)
LAD
VAN BOSS
IVOR
ROSS
JAUDEAU STOCK
LAFORCE LAKE
TEDDY-STOCK
ANVIL MINE
KEELE PEAK 9750
Twopete Mtn.
Glenlyon Peak 7180
Traffic Mtn. 6740
Chechera Mtn. 6750
Mount Selous
Einarson Lake
Marmot Pass
Arrowhead Lake
Emerald Lake
Niddery Lake
Macmillan Pass
Fuller Lake
Wilson Lake
Sheldon Lake
Field Lake
Dragon Lake
Prevost Canyon
Jackfish Lake
Otter Lake
Tay Lake
Blind Lakes
Swim Lakes
Orchay Lakes
Orchie L.
Marjorie Lake
Carolyn Lake
Olgie L.
Fortin Lake
Pharmigan Creek
Mayo Lake
Penape Lake
Lansing (abandoned)
Detour Lakes
Menzie
Drury Lake
Glenlyon Lake
Little Salmon Lake
Big Kalzas Lake
Moose Lake
Stokes Lake
Dromedary Lake
Harvey Creek
Ross River
Keele Peak

24W 16W 8W 0 8E 16E 24E

28E 32E 36E 40E 44E 48E 52E 56E 60E 64E 68E 72E 76E 80E 84E 88E 96E

100N 90N BASE LINE 2 80N 70N 60N 50N 40N 30N 20N 10N BASE LINE 0 10S 20S 30S 40S 50S

two parallel, sulfide vein systems with skarn min. — in limestone unit ± ss' bordered by qzt. structure open to the west covered by talus

skarny siliceous limest. unit

SHOWING H. 1' skarny limest. unit, diskm, chalcopy, gal. and sph.

series thought to be terminated by fault

SHOWING B

SHOWING A

SHOWING E

SHOWING G

SHOWING D

PYRITE

CRYSTAL CREEK

CLEARWATER

HUGO CREEK

CRUDE VEINS

LIMESTONE RUBBLE

1a RUBBLE

GOSSAN

LEGEND

CRETACEOUS	11	GRANITIC INTRUSIVES
DEVONIAN MISSISSIPPIAN	3g	RED AND GREEN SLATES
	3f	GREY BEDDED CHERT (UPPER DEVONIAN)
	3d	CHERT-PEBBLE CONGLOMERATE, MINOR QUARTZITE (UPPER DEVONIAN)
	3c	PHYLLITE, GREY TO GREEN, INDURATED SLATES.
	3a	GRAPHITIC SHALES, CHERT, GREYWACHE
PROTEROZOIC	1c	PHYLLITE, GREY TO BUFF
	1b	LIMESTONE
	1a	QUARTZITE, MICACEOUS QUARTZITE, QUARTZ - SERICITE SCHIST.

SYMBOLS

- CONTACTS
- OUTCROP LIMIT
- BEDDING ATTITUDE
- LINEATION
- ANTICLINAL FOLD
- FAULT OR SHEAR
- FOLIATION

inches 0 1 2 3 4 5 centimetres

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

YUKON GEOLOGICAL SURVEY

fig. 3

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

HESS REGION

LAD MINERAL CLAIM GROUP

GRID GEOLOGY

(OUTCROP MAP)

GEOLOGY BY: T. ADAMSON

DRAWN BY: P.J.F. VLASVELD

DATE: OCTOBER 18/68

400 0 400 800 feet

fig. 3

fig. 5

105-J-15

63° 00'

130°30'

VOR GP

MACMILLAN RIVER

CANOL ROAD

SOUTH

ROSS RIVER

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

GEOCHEMICAL RESULTS AND CLAIM GROUP MAP OF SHEET 105-J-15

½ 0 ½ 1

SCALE IN MILES

inches

centimetres

This reference scale for the original image, is not applicable to the image as the image, therefore should be used as a reference for the original size.

131° 00'

62° 45'

105-J-15

LINE 0

el. argillite

Pzcite

CLEARWATER CREEK

MINOR CHALCOPYRITE IN FRACTURES.

MINOR CHALCOPYRITE IN FRACTURES.

SYMBOLS

- outcrop limit
- contact
- shears, faults
- bedding attitude
- foliation attitude
- lineation attitude
- ——·——·—— outline of trenches.
- ——·····—— limit of localized exposure by trenching

LEGEND

7	quartz veins, minor galena, pyrite, arsenopyrite
6	grey slate grey chert, argillite (DEV-MISS ??)
5	quartzite, clean (PROTEROZOIC)
4	quartzite, heavy malachite stain (PROTEROZOIC)
3	grey limestone, minor malachite (PROTEROZOIC
2	lower grade skarny zones (gabro, minor sulfides malachite)
1	high grade skarny sulfide vein (chalcopyrite, gabro, sphalerite)

inches
0 1
0 1 2
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

ATLAS EXPLORATIONS LIMITED

ROSS RIVER Y.T.

LAD MINERAL CLAIM GROUP

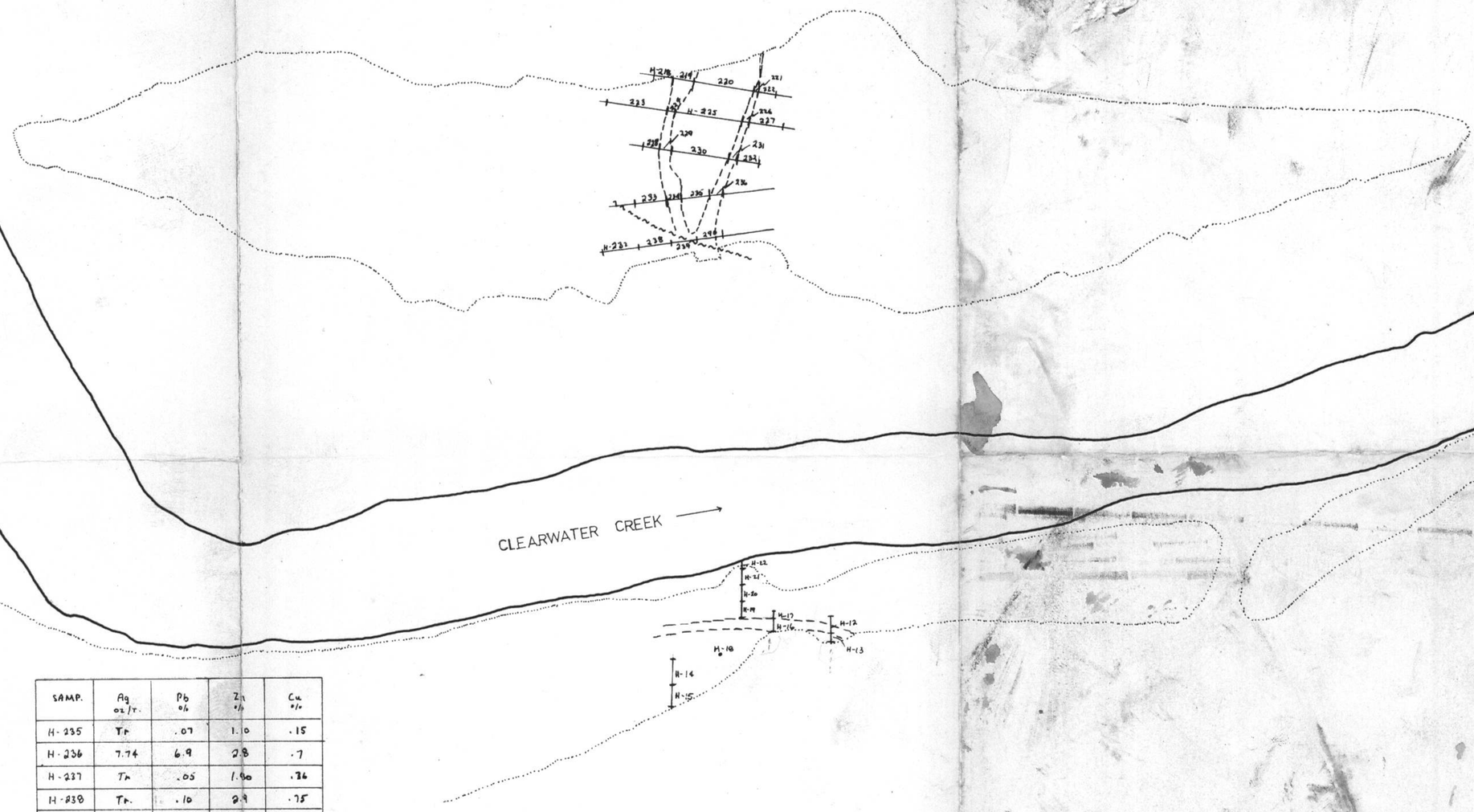
GEOLOGY OF SHOWING "F" AREA

GEOLOGY BY K. HEINANEN

SCALE 1" = 20'

0 10 20 40

fig. 4



SAMP.	Ag oz./T.	Pb %	Zn %	Cu %
H-218	.50	.90	.60	.16
H-219	3.08	6.2	4.7	2.30
H-220	Tr.	.03	.09	.02
H-221	2.46	4.2	1.10	.50
H-222	.02	.15	.30	.08
H-223	.10	.04	.37	.05
H-224	6.49	5.8	.93	.50
H-225	Tr	.05	.36	.08
H-226	5.06	5.8	2.1	1.45
H-227	.38	.36	.21	.06
H-228	Tr.	.02	1.20	.12
H-229	3.30	5.4	2.8	1.15
H-230	Tr	.02	.05	Tr
H-231	1.40	1.30	2.9	.48
H-232	.24	.20	.70	.18
H-233	Tr	.09	1.13	.25
H-234	7.52	7.7	5.5	4.40

SAMP.	Ag oz./T.	Pb %	Zn %	Cu %	
H-235	Tr	.07	1.10	.15	
H-236	7.74	6.9	2.8	.7	
H-237	Tr.	.05	1.90	.76	
H-238	Tr.	.10	2.9	.75	
H-239	6.32	4.0	4.9	1.82	
H-240	11.62	8.0	8.9	3.73.	
H-12	8.6	13.08	0.20	0.02	
H-13	7.3	5.75	2.89	0.20	
H-14	1.6	0.51	0.53	0.60	
H-15	1.8	0.29	0.68	0.34	
H-16	2.1	1.88	0.53	0.12	
H-17	9.0	9.55	3.32	0.37	
H-18	19.4				Au 0.02
H-19	1.6	1.56	0.38	0.13	
H-20	0.83	0.78	0.60	0.18	
H-21	0.28	0.27	0.23	0.07	
H-22	0.13	0.14	0.30	0.05.	

LAD MINERAL CLAIM GROUP

ASSAY PLAN —— SHOWING P.G.

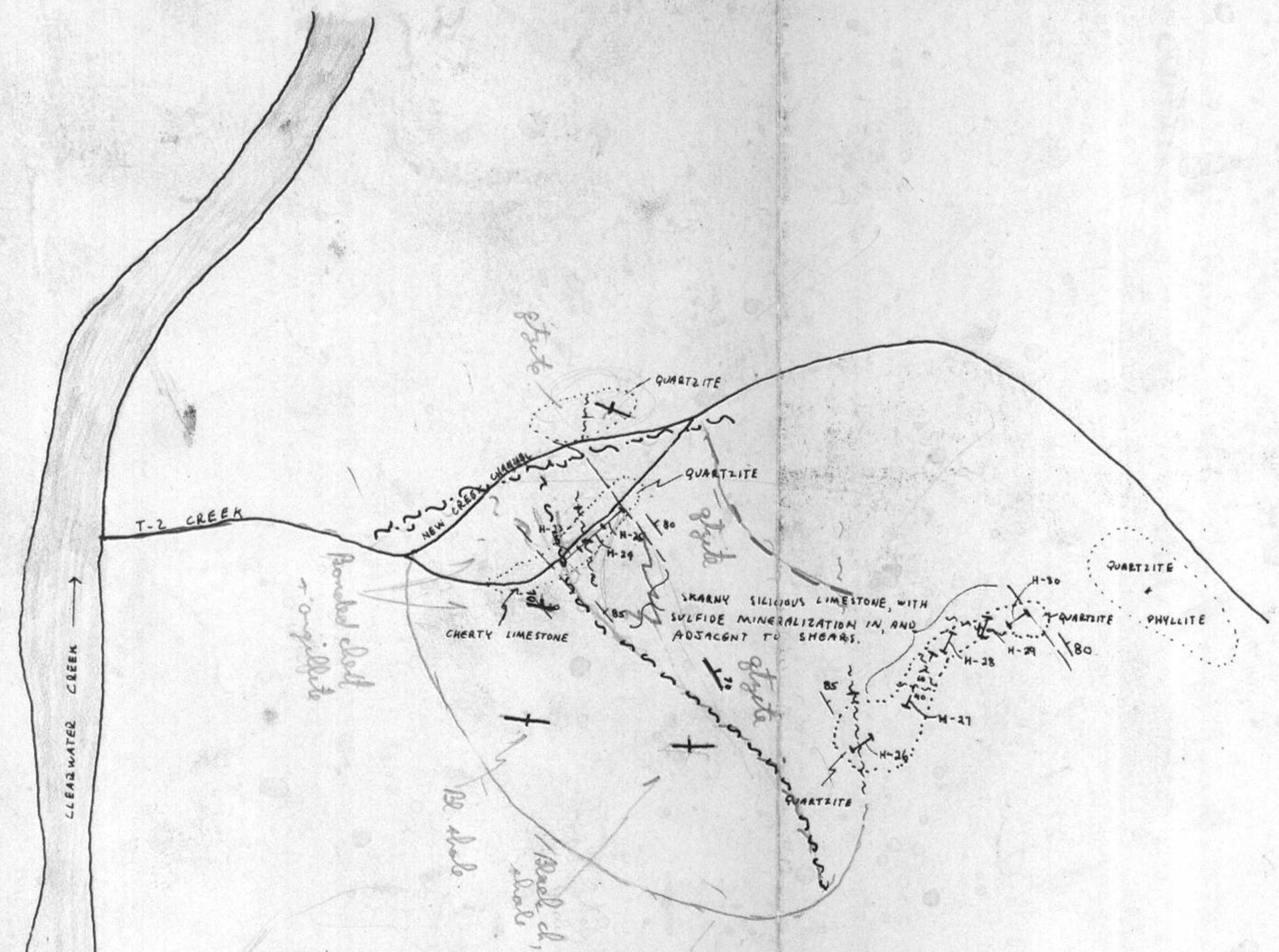
inches
0 1
0 1 2
centimetres

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YUKON GEOLOGICAL SURVEY

Scale : 1 : 20
Sampler : K Heinänen
Date : Sept., 1968.

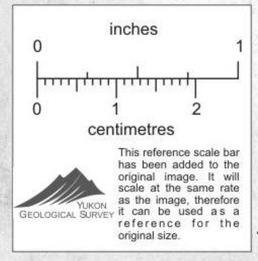
fig. 6



SAMP.	Ag oz/T	Pb %	Zn %	Cu %
H-23	0.30	0.17	0.58	0.09
H-24	8.4	2.52	5.63	1.59
H-25	6.3	0.54	9.31	3.49
H-26	4.7	3.28	4.65	1.02
H-27	1.2	0.34	0.80	0.59
H-28	6.5	6.58	4.10	1.05
H-29	5.3	6.85	5.91	1.53
H-30	3.2	2.09	2.64	0.63

LAD MINERAL CLAIM GROUP

SKETCH & ASSAY PLAN —— SHOWING "G"

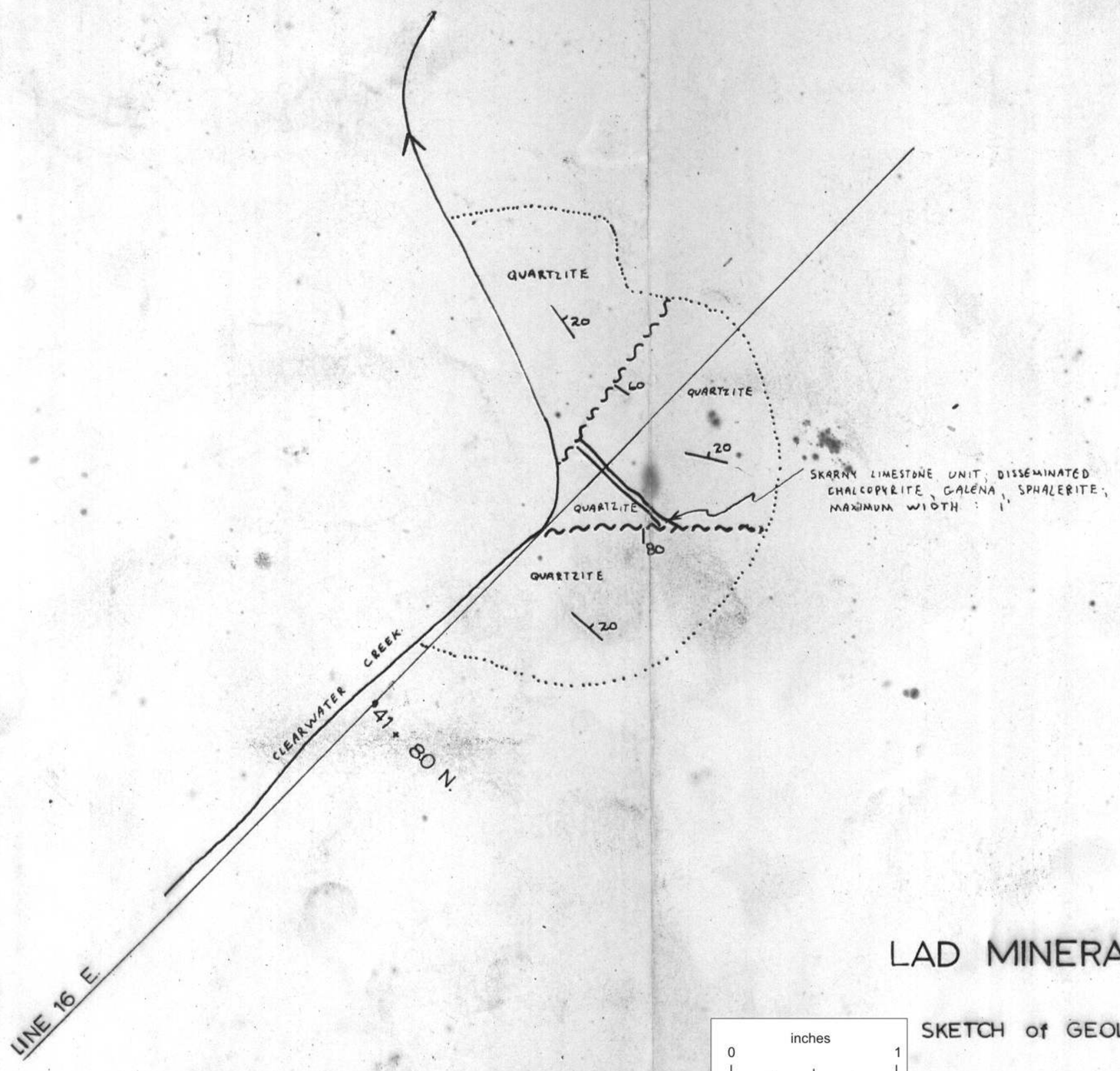


Scale : 1" : 50'

Sampler : T. Skonseng

Date : Sept., 1968

fig. 7



LAD MINERAL CLAIM GROUP

SKETCH of GEOLOGY —— SHOWING "H"

Scale : 1" : 10'

Date : Sept, 1968

fig. 8

inches
0 1
0 1 2
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

24W 20W 16W 12W 8W 4W 0 4E 8E 12E 16E 20E 24E

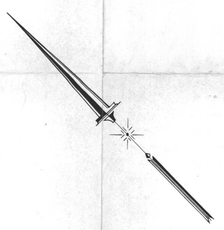
28E 32E 34E 36E 40E 42E 44E 46E 48E 50E 52E 54E 56E 58E 60E 64E 68E 72E 76E 80E 84E 88E 96E

100 N
90N
BASE LINE 2
80N
70N
60N
50 N
40 N
30N
20N
10N
BASE LINE
10S
20S
30S
40S
50S

69 N 67 N 68 N 66 N

HUGO CREEK

CASCADE CREEK



ATLAS EXPLORATIONS LIMITED
ROSS RIVER (Y.T.)
HESS REGION
LAD MINERAL CLAIM GROUP
GEOCHEMICAL RESULTS BY ATOMIC ABSORPTION COPPER, LEAD, AND ZINC, SPECTROPHOTOMETER ANALYSIS.

PARTY CHIEF. T. ADAMSON
DRAWN BY . P.J.F.VLASVELD
DATE : SEPTEMBER '68

fig. 9

24W 20W 16W 12W 8W 4W 0 4E 8E 12E 16E 20E 24E

28E 32E 36E 40E 44E 48E 52E 56E 60E 64E 68E 72E 76E 80E 84E 88E 92E 96E

100 N
90 N
BASE LINE 2
80 N
70N
60N
50N
40N
30N
20N
10N
BASE LINE 0
10 S
20S
30S
40S
50S

1640 ppm.
9100 ppm.
1040 ppm.

CREEK
HUGO CREEK
CLEARWATER

inches
centimetres

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will not be accurate as the image, therefore it can be used as a reference for the original size.

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

HESS REGION

LAD MINERAL CLAIM GROUP

GEOCHEMICAL SOIL SAMPLE SURVEY
COPPER CONTOURS

PARTY CHIEF : T. ADAMSON

DRAWN BY : P.J.F VLASVELD
DATE : OCTOBER 18/68

400 0 400 800 feet

fig. 10

24W 20W 16W 12W 8W 4W 0 4E 8E 12E 16E 20E 24E

28E 32E 36E 40E 44E 48E 52E 56E 60E 64E 68E 72E 76E 80E 84E 88E 92E 96E

100 N
90N
BASE LINE 2
80N
70N
60N
50N
40N
30N
20N
10N
BL.-0-
10S
20S
30S
40S
50S

6500 p.p.m.
7500 p.p.m.
950 p.p.m.
2650 p.p.m.
4150 p.p.m.
1050 p.p.m.
1950 ppm.
35500 ppm.
5815 ppm.
1100 ppm.
2875 ppm.

CREEK
HUGO CREEK
CLEARWATER

fig 11

inches
centimetres
This reference scale bar has been added to the original image and will therefore not be the same as the image, therefore it can be used as a reference for the original size.
YUKON GEOLOGICAL SURVEY

Fig. 11

ATLAS EXPLORATIONS LIMITED
ROSS RIVER (Y.T.)
HESS REGION
LAD MINERAL CLAIM GROUP
GEOCHEMICAL SOIL SAMPLE SURVEY
LEAD CONTOURS
PARTY CHIEF: T. ADAMSON
DRAWN BY: P.J.F. VLASVELD
DATE: OCTOBER 17/68
400 0 400 800 feet

24W 20W 16W 12W 8W 4W 0 4E 8E 12E 16E 20E 24E

28E 32E 34E 36E 40E 42E 44E 46E 48E 50E 52E 54E 56E 58E 60E 64E 68E 72E 76E 80E 84E 88E 92E 96E

100 N
90N
BASE LINE 2
80N
70N
60N
50N
40N
30N
20N
10N
BASE LINE
10S
20S
30S
40S
50S

CREEK
CLEARWATER
HUGO CREEK

11800 p.p.m.
13400 p.p.m.
9000 p.p.m.
1600 p.p.m.
1700 p.p.m.

fig. 12

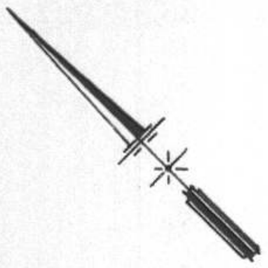
inches
centimetres
This reference scale bar has been added to the original plan to show the scale at the same size as the image, therefore it is not necessary to reference for the original size.
YUKON GEOLOGICAL SURVEY

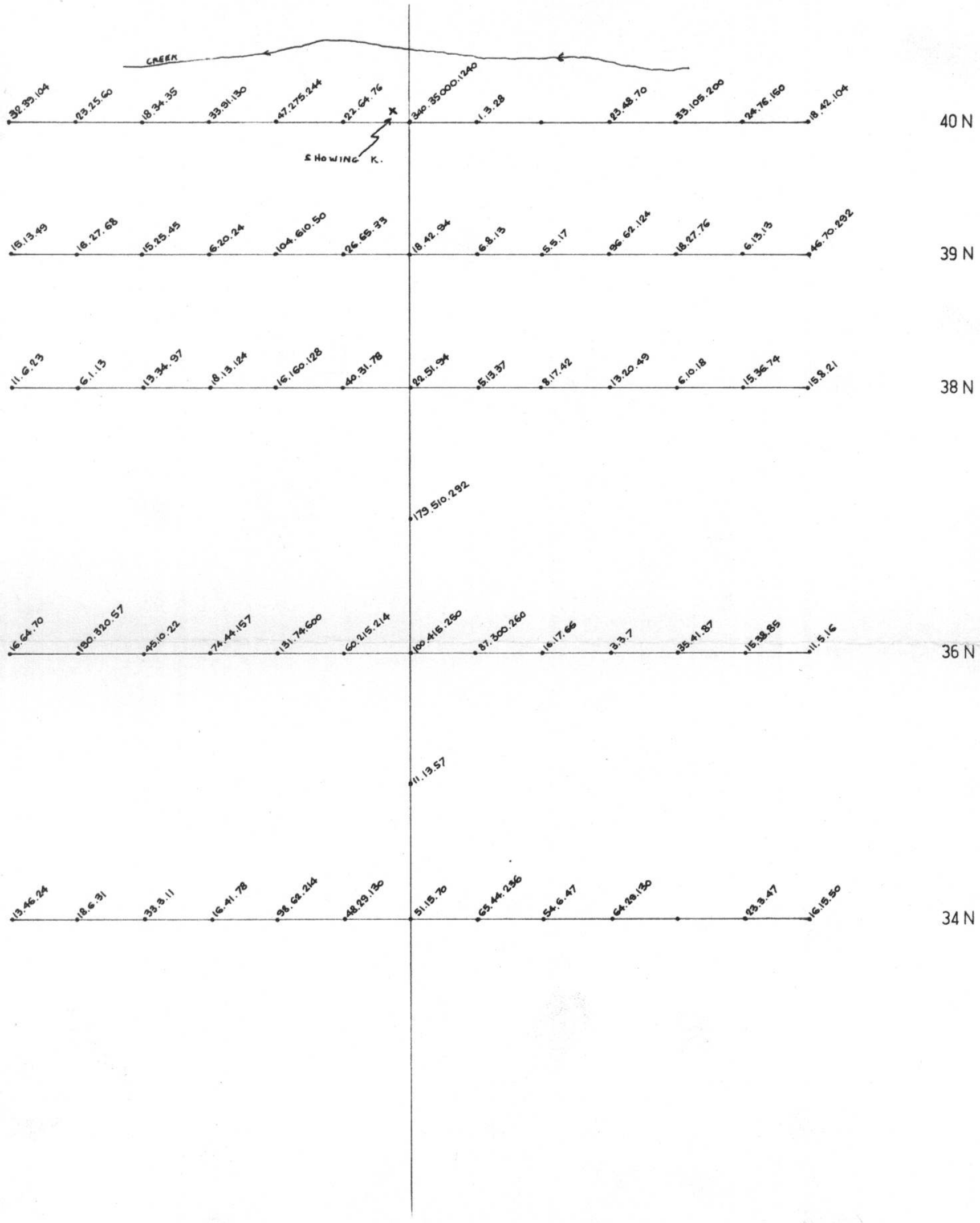
ATLAS EXPLORATIONS LIMITED
ROSS RIVER (Y.T.)
HESS REGION
LAD MINERAL CLAIM GROUP
GEOCHEMICAL SOIL SAMPLE SURVEY
ZINC CONTOURS

PARTY CHIEF: T.ADAMSON
DRAWN BY: P.J.F.VLASVELD
DATE: OCTOBER 17/68

400 0 400 800 feet

fig. 13

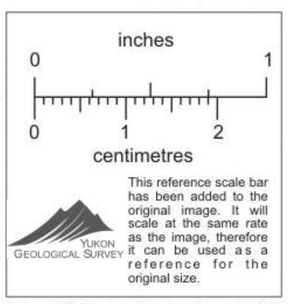




SOIL SAMPLE VALUES

SAMPLER : M. ACKLACK

DEC. 6. 1968



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ROSS RIVER (Y.T.)

LAD MINERAL CLAIM GROUP

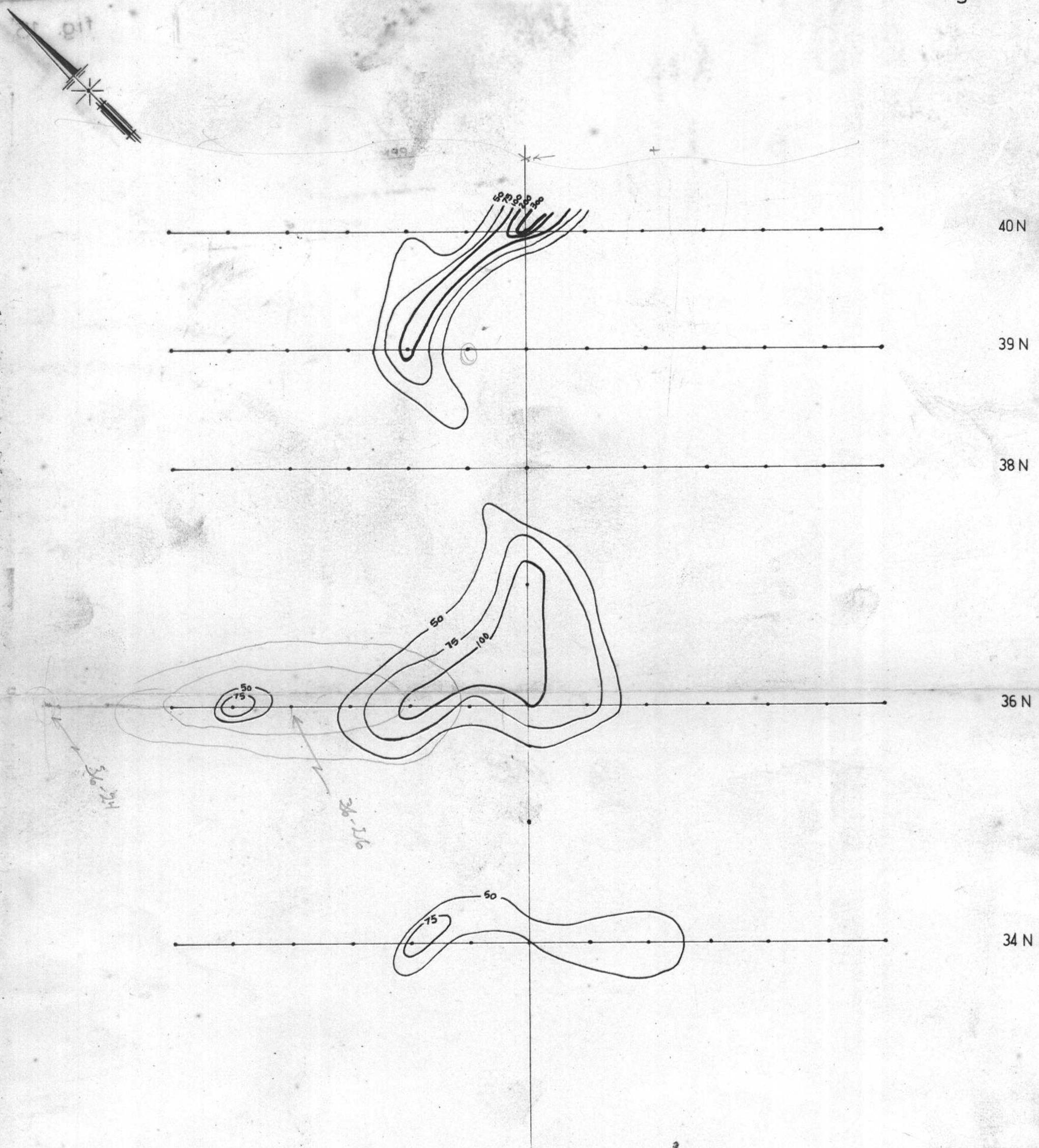
SHOWING "K" GRID

(WITHIN LAD #1 GRID)

SCALE 1" = 100'

P.V

fig. 14



COPPER CONTOURS

DEC. 6, 1968

inches
0 1
0 1 2
centimetres

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YUKON GEOLOGICAL SURVEY

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (YI.)

LAD MINERAL CLAIM GROUP

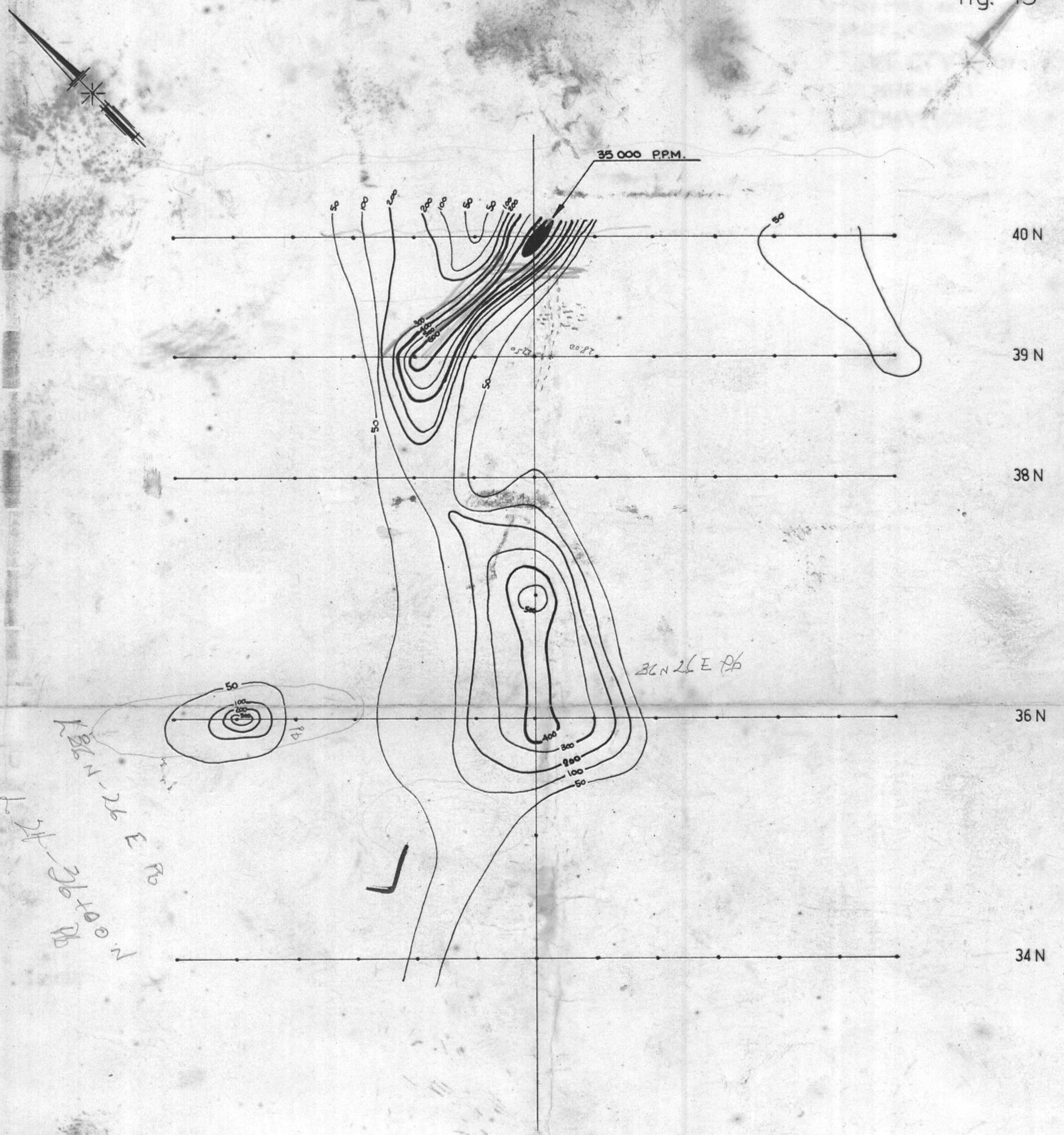
SHOWING "K" GRID

(WITHIN LAD # 1 GRID)

SCALE 1" = 100'

P.V.

fig. 15



LEAD CONTOURS

inches
0 1
0 1 2
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

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

LAD MINERAL CLAIM GROUP

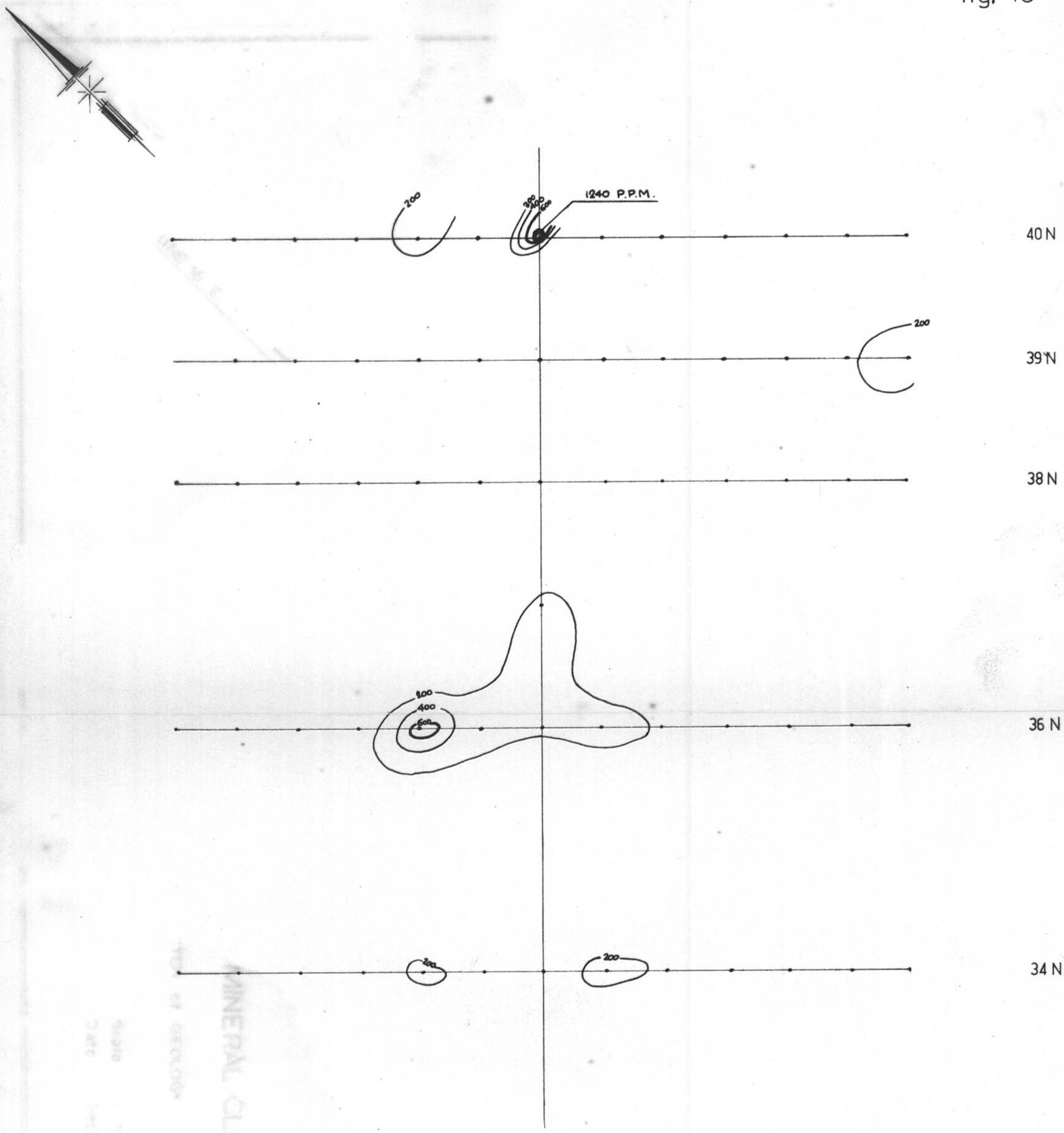
SHOWING "K" GRID
(WITHIN LAD # 1 GRID)

SCALE 1" = 100'

DEC. 6. 1968

P.V.

fig. 16



ZINC CONTOURS

inches
0 1
0 1 2
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

ATLAS EXPLORATIONS LIMITED

LAD MINERAL CLAIM GROUP

SHOWING "K" GRID

(WITHIN LAD #1 GRID)

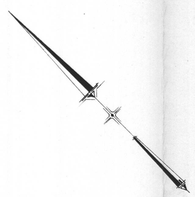
SCALE 1" = 100'

DEC. 6, 1968

P.V

104E 112E 120E 128E 136E 144E 152E 160E 168E 176E 184E 192E 200E 208E 216E 224E 232E 240E

60 N
50 N
40 N
30 N
20 N
10N
BASE LINE
10 S
20S
30 S
40S
50 S



inches
centimetres
YUKON GEOLOGICAL SURVEY

fig. 17

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

HESS REGION

LAD MINERAL CLAIM GROUP

GEOCHEMICAL RESULTS BY ATOMIC ABSORPTION COPPER, LEAD, AND ZINC, SPECTROPHOTOMETER ANALYSIS. (EAST)

PARTY CHIEF: T. ADAMSON
SAMPLER T. CHARLIE

DRAWN BY: P.J.F. VLASVELD
DATE : NOVEMBER 7/68

400 0 400 800 feet

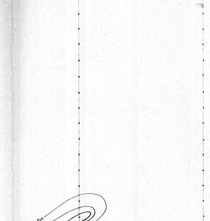
fig. 17

104 E 112 E 120 E 128 E 136 E 144 E 152 E 160 E 168 E 176 E 184 E 192 E 200 E 208 E 216 E 224 E 232 E 240 E

60 N
50 N
40 N
30 N
20 N
10N
BASE LINE 0
10 S
20 S
30 S
40 S
50 S

585 p.p.m.

475 p.p.m.



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 and will therefore be correct only as the image, therefore it can be used as a reference for the original size.

ATLAS EXPLORATIONS LIMITED
ROSS RIVER (Y.T.)
HESS REGION
LAD MINERAL CLAIM GROUP
GEOCHEMICAL SOIL SAMPLE SURVEY
COPPER CONTOUR MAP (EAST)

PARTY CHIEF T. ADAMSON
SAMPLER T. CHARLE
DRAWN BY P.J.V.LASSVELD
DATE NOVEMBER 1969
SCALE 400 0 400 800 feet

105-K-16

fig 18

104E 112E 120E 128E 136E 144E 152E 160E 168E 176E 184E 192E 200E 208E 216E 224E 232E 240E

60 N
50 N
40 N
30 N
20 N
10 N
BASE LINE
10 S
20 S
30 S
40 S
50 S

1050 p.p.m.
1150 p.p.m.
1875 p.p.m.
5225 p.p.m.
665 p.p.m.
9500 p.p.m.
14150 p.p.m.
9775 p.p.m.
5000 p.p.m.

inches
centimetres
This reference scale bar has been added to the original plan to give the scale of the same size as the image, therefore it is not necessary for reference for the original size.
YUKON GEOLOGICAL SURVEY

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

HESS REGION

LAD MINERAL CLAIM GROUP

GEOCHEMICAL SOIL SAMPLE SURVEY
LEAD CONTOUR MAP (EAST)

PARTY CHIEF : T.ADAMSON
SAMPLER : T.CHARLIE

DRAWN BY : P.J.F.VLASVELD
DATE : NOVEMBER 1968

SCALE 400 0 400 800 feet

105-K-16

fig. 19

104 E 112 E 120 E 128 E 136 E 144 E 152 E 160 E 168 E 176 E 184 E 192 E 200 E 208 E 208 E 224 E 232 E 240 E

60 N
50 N
40 N
30 N
20 N
10N
BASE LINE
10 S
20 S
30 S
40 S
50 S

6200 ppm
3200 ppm
1650 p.p.m.
7760 p.p.m.
17000 p.p.m.
2960 p.p.m.
2875 p.p.m.
3660 p.p.m.
4740 p.p.m.
40000 p.p.m.

fig. 20

ATLAS EXPLORATIONS LIMITED
ROSS RIVER (Y.T.)
HESS REGION
LAD MINERAL CLAIM GROUP

GEOCHEMICAL SOIL SAMPLE SURVEY
ZINC CONTOUR MAP (EAST)

PARTY CHIEF: T. ADAMSON
SAMPLER: T. CHARLIE
DRAWN BY: P.J.F. VLASVELD
DATE: NOVEMBER 1968

SCALE 400 0 400 800 feet

105-K-16

Fig. 20

105-K-16

63° 00'

132° 30'

62° 45'

MOUNT SELOUS

7138

MOTO CREEK

CLEARWATER CREEK

HUGO CREEK

EARLY CREEK

SNOWING J. CREEK

VAN LAKE

6609'

SOUTH MACMILLAN RIVER

RIDDELL RIVER

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

GEOCHEMICAL RESULTS AND CLAIM GROUP MAP OF SHEET 105-K-16

½ 0 ½ 1

SCALE IN MILES

inches 0 1

centimetres 0 1 2

This reference scale bar has been added to the original drawing. The scale of the items you see on the image, therefore will be smaller than the reference or the original size.

fig. 21

105-K-16

FIG. 21

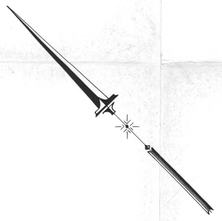
24W 20W 16W 12W 8W 4W 0 4E 8E 12E 16E 20E 24E

28E 32E 36E 40E 44E 48E 52E 56E 60E 64E 68E 72E 76E 80E 84 88E 92E 96E

100 N
90 N
BASE LINE 2
80 N
70N
60N
50N
40N
30N
20N
10N
BASE LINE -0-
10S
20S
30S
40S
50S

3500
4000
4500
5000
5500
6000
6500

CREEK
CLEAR WATER
HUGO CREEK



inches
centimetres

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

YUKON GEOLOGICAL SURVEY

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

HESS REGION

LAD MINERAL CLAIM GROUP

GEOCHEMICAL RESULTS BY ATOMIC ABSORPTION COPPER, LEAD AND ZINC, SPECTROPHOTOMETER ANALYSIS

SILT SAMPLE VALUES

PARTY CHIEF : T.ADAMSON
SILT SAMPLERS:
T.BROCK
R.ETZEL

DRAWN BY: P.J.F.VLASVELD
DATE : OCTOBER 18/68

400 0 400 800 feet

fig. 22

MOTO CREEK

CLEARWATER CREEK

HUGO CREEK

EAST CREEK

SHOWING 3 CREEK

SOUTH MACMILLAN RIVER

105-K-16

COPPER GEOCHEMICAL ANOMALIES

N.B. ONLY THOSE CREEKS THAT HAVE BEEN SAMPLED SHOWN ON THIS MAP !

ON THE BASIS OF CUMULATIVE FREQUENCY DISTRIBUTION,
THE FOLLOWING CONCENTRATION RANGES WERE DISTINGUISHED :

≤ % LIMITS	50 (BACKGROUND)	90 (THRESHOLD)	95	98
Cu (p.p.m)	23	49	68	100
MAP SYMBOL :	—	—	|||||	■

SCALE 1" = ½ MILE

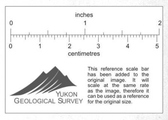


fig. 23

Bill Crook ←
Bill Ball

MOTO CREEK

CREEK

CLEARWATER

HUGO CREEK

EAST CREEK

SHOWING I CREEK

SOUTH MACMILLAN RIVER

105-K-16

LEAD GEOCHEMICAL ANOMALIES

N.B ONLY THOSE CREEKS THAT HAVE BEEN SAMPLED SHOWN ON THIS MAP!

ON THE BASIS OF CUMULATIVE FREQUENCY DISTRIBUTION,
THE FOLLOWING CONCENTRATION RANGES WERE DISTINGUISHED:

≤ % LIMITS	50 (BACKGROUND)	90 (THRESHOLD)	95	98
Pb (p.p.m)	24	62	81	102
MAP SYMBOL:	←			

SCALE 1" = ½ MILE

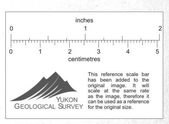


fig. 24

MOTO CREEK

CREEK

CLEARWATER

HUGO CREEK

EAST CREEK

SHOWING J. CREEK

SOUTH MACMILLAN RIVER

105-K-16

ZINC GEOCHEMICAL ANOMALIES

N.B. ONLY THOSE CREEKS THAT HAVE BEEN SAMPLED SHOWN ON THIS MAP!

ON THE BASIS OF CUMULATIVE FREQUENCY DISTRIBUTION,
THE FOLLOWING CONCENTRATION RANGES WERE DISTINGUISHED:

≤ % LIMITS	50 (BACKGROUND)	90 (TRESHHOLD)	95	98
Zn (p.p.m)	92	349	502	720
MAP SYMBOL:	←	—	▮▮▮▮	■

SCALE 1" = ½ MILE

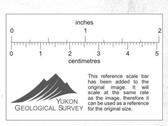
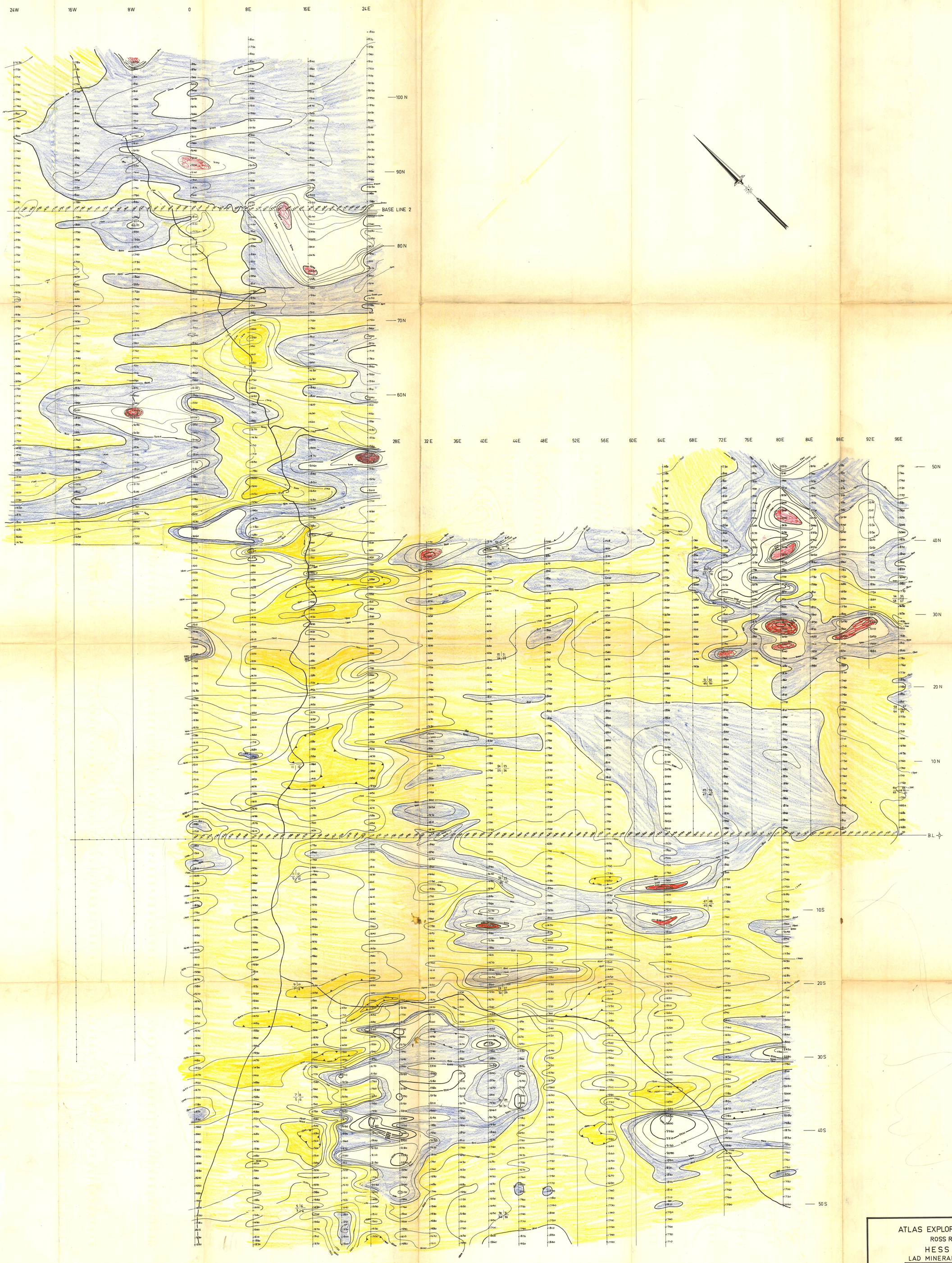


fig. 25



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

This reference scale bar has been added to the original plan. Check the scale of the same one as the image, therefore it may not be a reference for the original size.

YUKON GEOLOGICAL SURVEY

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

HESS REGION

LAD MINERAL CLAIM GROUP

GROUND MAGNETOMETER SURVEY
VALUES AND CONTOUR MAP

PARTY CHIEF: T. ADAMSON
OPERATOR: M. SIMPSON and T. BROCK

INSTRUMENT: SHARPE MF-1

DRAWN BY: P.J.F. VLASVELD
DATE: SEPTEMBER 26/68

400 0 400 800 feet

fig 26

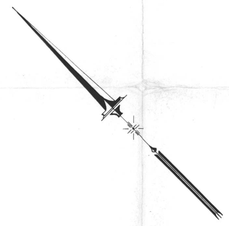
24W 20W 16W 12W 8W 4W 0 4E 8E 12E 16E 20E 24E

28E 32E 36E 40E 42E 44E 48E 52E 56E 60E 64E 68E 72E 76E 80E 84E 88E 96E

100N
90N
BASE LINE 2
80N
70N
60N
50N
40N
30N
20N
10N
BASE LINE -0-
10S
20S
30S
40S
50S

5000
4000
4500

CREEK
CLEARWATER
HUGO CREEK



inches
0 1 2
0 1 2 3 4 5
centimetres

This reference scale bar has been added to the original image with the result that it will not be the same size as the image, therefore it can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

ATLAS EXPLORATIONS LIMITED

ROSS RIVER (Y.T.)

HESS REGION

LAD MINERAL CLAIM GROUP

GROUND ELECTROMAGNETIC SURVEY
VALUES AND PROFILE MAP

PARTY CHIEF: T. ADAMSON
OPERATORS: M. SIMPSON and T. BROCK

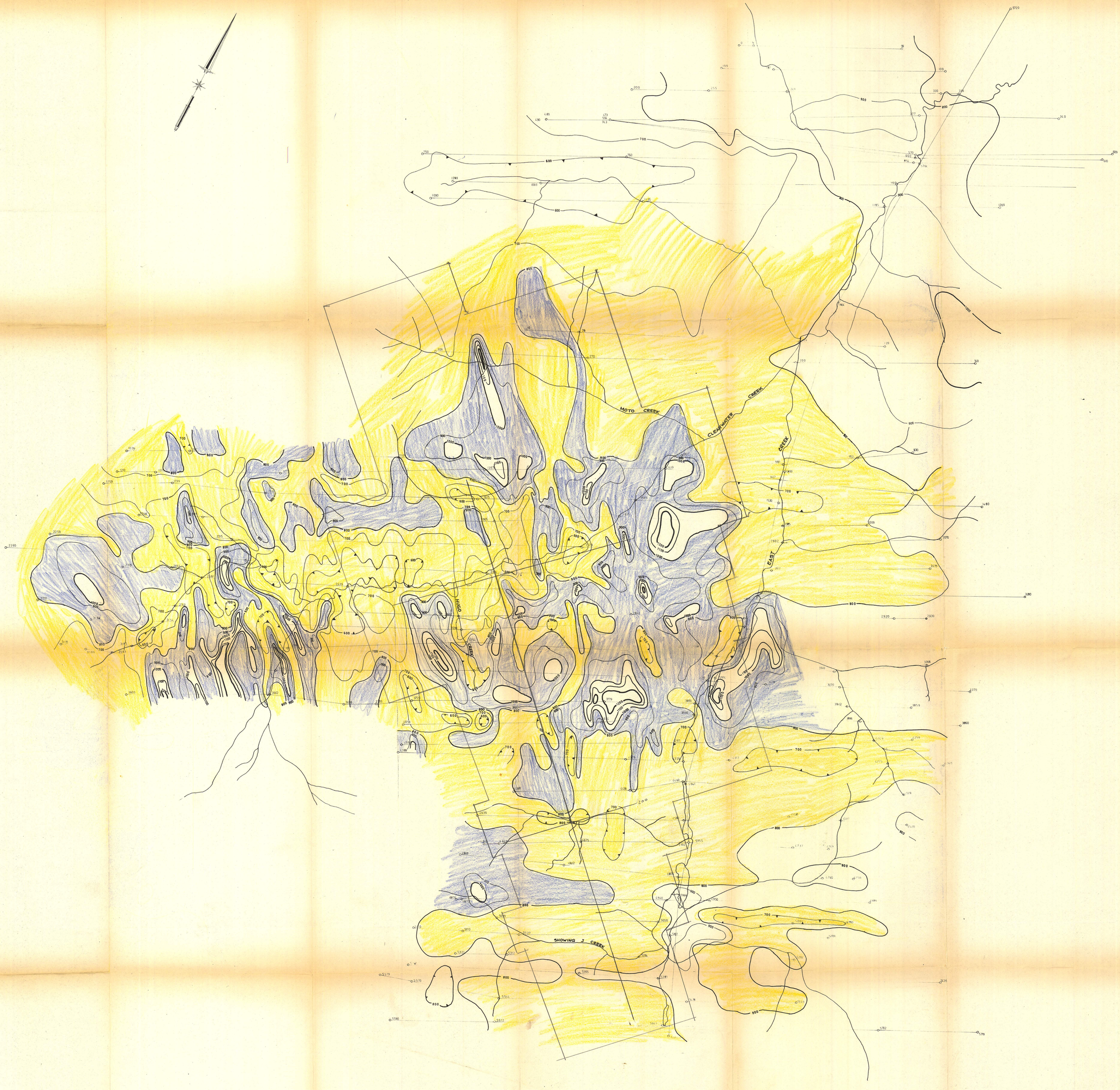
INSTRUMENT: CRONE JEM
DIP ANGLE SCALE 1"=2°

DRAWN BY: P.J.F. VLASVELD
DATE: OCTOBER 16/1988

1600 cps 480 cps

400 0 400 800 feet

fig. 27



CONTOUR INTERVAL ..... 100 GAMMA
MEAN FLIGHT LINE SPACING ..... 1320 FEET
MEAN TERRAIN CLEARANCE ..... 100 FEET
600,700,900 GAMMA CONTOURS .....
800,1100 " " .....
1000 " " .....
1200 " " .....
MAGNETIC LOW .....
FIDUCIAL POINTS ..... 3680 O
FLIGHT LINES .....

ATLAS EXPLORATIONS LIMITED

YUKON TERRITORY
HESS REGION
LAD MINERAL CLAIMS AREA

105-K-16

AIRBORNE MAGNETOMETER SURVEY

FLOWN BY LOCKWOOD SURVEY CORPORATION LIMITED

COMPILED BY D.GOODBRAND
DRAWN BY D.W.G & P.V
DATE FLOWN SEPT 23-1968
DATE DRAWN DEC 12-1968

1320 0 1320 2640 3960
SCALE IN FEET

Inches 0 1 2
centimetres 0 1 2 3 4 5
YUKON GEOLOGICAL SURVEY
This reference scale bar should measure 2 cm. if original image is not scale at the same rate can be used as a reference for the original size.

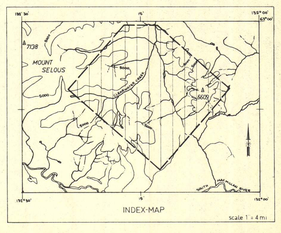


fig. 28

MOTO CREEK

CLEARWATER CREEK

EAST CREEK

HUGO CREEK

SHOWING J. CREEK

MEAN FLIGHT LINE SPACING ..... 1320 FEET
MEAN TERRAIN CLEARANCE ..... 100 FEET
ELECTROMAGNETIC CONTOURS 5, 10, 15, etc. .....
1, 2, 3, 4, etc. .....
NEGATIVE CONTOURS -5, -10 etc. .....
-1, -2, -3, -4 etc. .....
FIDUCIAL POINTS 3690
FLIGHT LINES .....

The contours represent amplitude of in phase response of the resultant expressed in parts per million of the primary.

The figures (-5) represent amplitude $\frac{\text{in phase component}}{\text{quadrature component}}$

The frequency of the primary current is 4000 cycles per second.

ATLAS EXPLORATIONS LIMITED

YUKON TERRITORY

HESS REGION

LAD MINERAL CLAIMS AREA

105-K-16

AIRBORNE ELECTRO MAGNETIC SURVEY

FLOWN BY : LOCKWOOD SURVEY CORPORATION LIMITED

COMPILED BY: D.GOODBRAND
DRAWN BY: D.W.G. & P.V.
DATE FLOWN: SEPT. 23-1968
DATE DRAWN: DEC. 12-1968

1320 0 1320 2640 3960
SCALE IN FEET

inches 0 1 2
centimetres 0 1 2 3 4 5

This reference scale bar is the same size as the original image. It will scale at the same ratio as the original image and can be used as a reference for the original size.

YUKON GEOLOGICAL SURVEY

INDEX-MAP
scale 1" = 4 mi

fig. 29

fig 29