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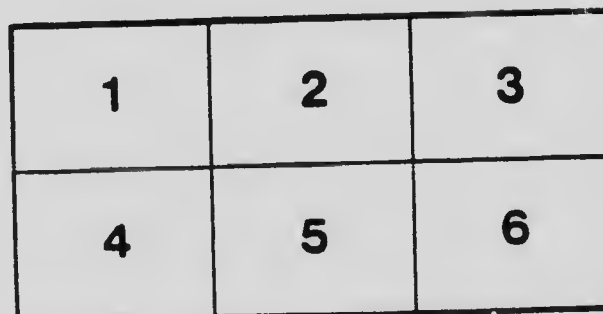
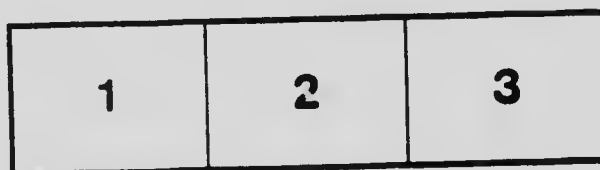
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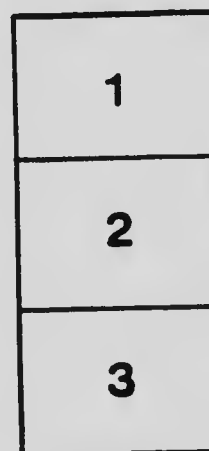
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CANADA

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MINISTER.

MINES BRANCH

EUGENE HAANEL, Ph.D., DIRECTOR.

W. W. BARTLEY & ASSOCIATES LTD.

Iron Ore Occurrences in Canada

VOL. II

Maps

1917

- No. 187 Magnetometric map, St. Charles mine, Hastings Co., Ont.
" 187a Geological map, St. Charles mine, Hastings Co., Ont.
" 188 Magnetometric map, Baker mine, Hastings Co., Ont.
" 188a Geological map, Baker mine, Hastings Co., Ont.
" 189 Magnetometric map, Ridge Iron Ore Deposits, Hastings Co., Ont.
" 193 Magnetometric map, Kennedy Property, Carlow Tp., Hastings Co., Ont.
" 193a Geological map, Kennedy Property, Carlow Tp., Hastings Co., Ont.
" 194 Magnetometric map, Bow Lake Iron Ore Deposits, Hastings Co., Ont.
" 249 Magnetometric map, Caldwell and Campbell mines, Renfrew Co., Ont.
" 250 Magnetometric map, Black Bay or Williams mine, Renfrew Co., Ont.
" 251 Magnetometric map, Bluff Point Iron mine, Renfrew Co., Ont.
" 252 Magnetometric map, Culhane mine, Renfrew Co., Ont.
" 253 Magnetometric map, Martel or Wilson mine, Renfrew Co., Ont.
" 261 Magnetometric map, Northeast Arm Iron Range, Lot 339 E.T.W. Lake Timagami,
Nipissing district, Ont.
" 311 Magnetometric map, McPherson mine, Barachois, Cape Breton Co., N.S.
" 312 Magnetometric map, Iron Ore Deposits, Upper Glencoe, Inverness Co., N.S.
" 313 Magnetometric map, Iron Ore Deposits, Grand Mira, Cape Breton Co., N.S.
" 341 Magnetometric map, Atikokan Iron-bearing district, Claims 400R., 401R., etc., Rainy
River district, Ont.
" 341a Magnetometric map, Atikokan Iron-bearing district, Claims 400R., 401R., etc., Rainy
River district, Ont.
" 342 Magnetometric map, Atikokan Iron-bearing district, Claims 403R., 404R., etc., Rainy
River district, Ont.
" 342a Geological map, Atikokan Iron-bearing district, Claims 403R., 404R., etc., Rainy
River district, Ont.
" 343 Magnetometric map, Atikokan Iron-bearing district, Mile Post No. 140, C.N. Railway,
Rainy River district, Ont.
" 343a Geological map, Atikokan Iron-bearing district, Mile Post No. 140, C.N. Railway,
Rainy River district, Ont.
" 405 Magnetometric map, Orton mine, Hastings Co., Ont.
" 409 Magnetometric map, Kaministiquia, Thunder Bay district, Ont.
" 410 Geological map, Kaministiquia, Thunder Bay district, Ont.
" 416 Magnetometric map, Matawin Iron Range, Claims 215W. to 223 W. (incl.), Thunder
Bay district, Ont.
" 438 Magnetometric map, West Iron Steel Iron Claim at Sechart, Vancouver Id., B.C.
" 439 Magnetometric map, Baldwin mine, Hull Tp., Que.
" 441 Magnetometric map, Wilbur mine, Lanark Co., Ont.
" 442 Magnetometric map, Iron Crown Claim, Nimpkish river, Vancouver Id., B.C.
" 444 Magnetometric map, Northeast Arm Iron Range, Lots W.D. 341, W.D. 342, etc.,
Lake Timagami, Nipissing district, Ont.

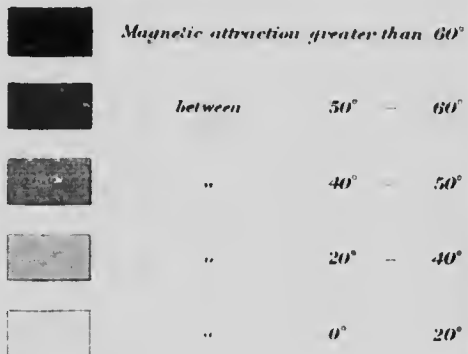
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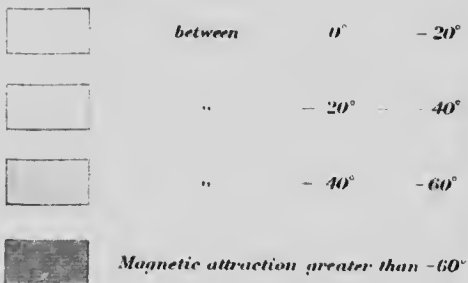
LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity



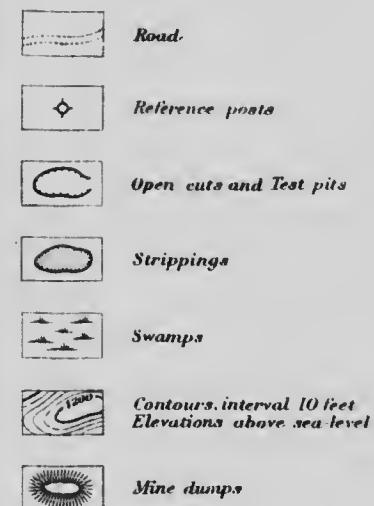
Negative Intensity



Constant of Instrument — 1.0 H

Magnetic declination about 12° West

LEGEND



H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

ST. CHARLES MINE
LOT 19, CON. XI
TOWNSHIP OF TUDOR
HASTINGS COUNTY
ONTARIO

Magnetometric Survey 1911
E. Lindeman
Assisted by O. G. Gallaher

Scale 1:200 to 1 inch

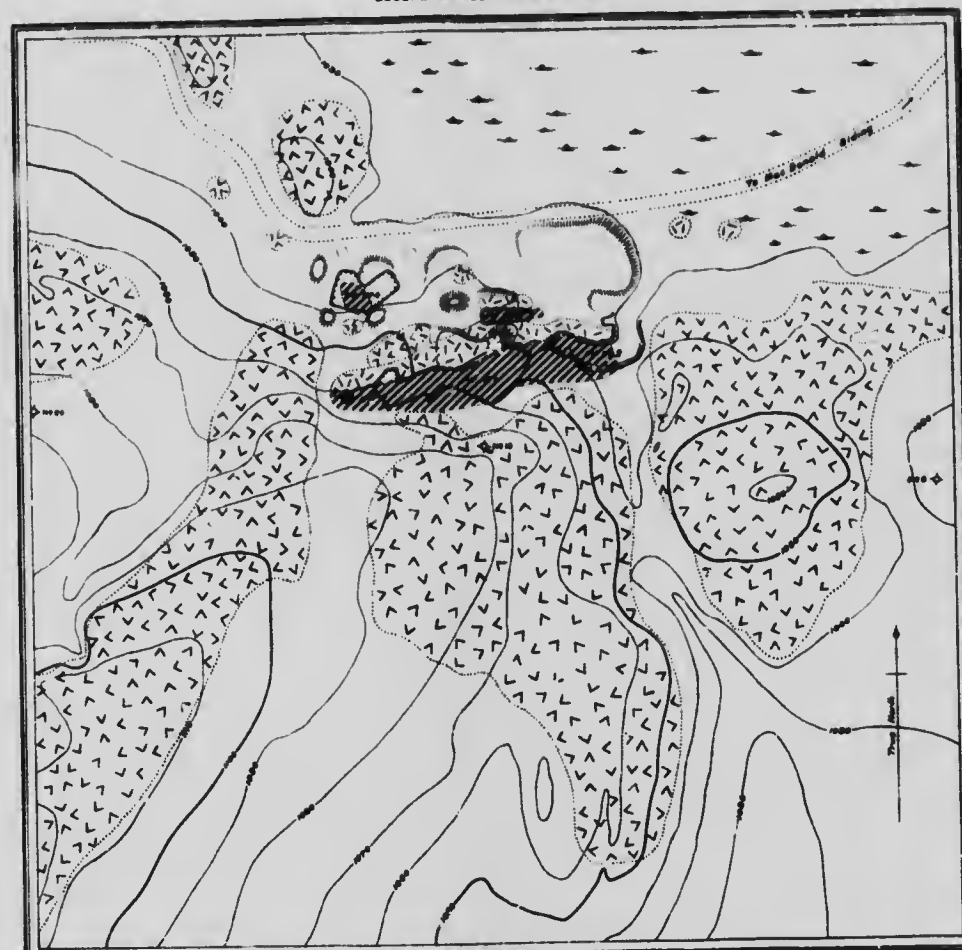


No. 187

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MINES BRANCH

HON. ROBERT ROSE, MINISTER. A. P. LOW, LL.D., DEPUTY MINISTER
 EUGENE HAANEL, PH.D., DIRECTOR

- LEGEND**
-  Drift-covered area.
 -  Area within which Magnetite is likely to occur, indicated by Magnetometric Survey
 -  Diorite (Archean)
 -  Crystalline limestone "



LEGEND

-  Roads and buildings
-  Reference posts
-  Open cuts
-  Strippings
-  Swamps
-  Contours, interval 10 feet
Elevations above sea-level
-  Mine dumps

H. E. Baine, Chief Draughtsman
 L. H. S. Pereira, Draughtsman

S.T. CHARLES MINE
LOT 19, CON. XI
TOWNSHIP OF TUDOR
HASTINGS COUNTY
ONTARIO

Geology by
 J. Lindeman 1911

Scale 200' to 1 Inch



No. 187 A

MAGNETOMETRIC MAP

LEGEND

 Isodynamic lines of the vertical magnetic intensity

Positive Intensity

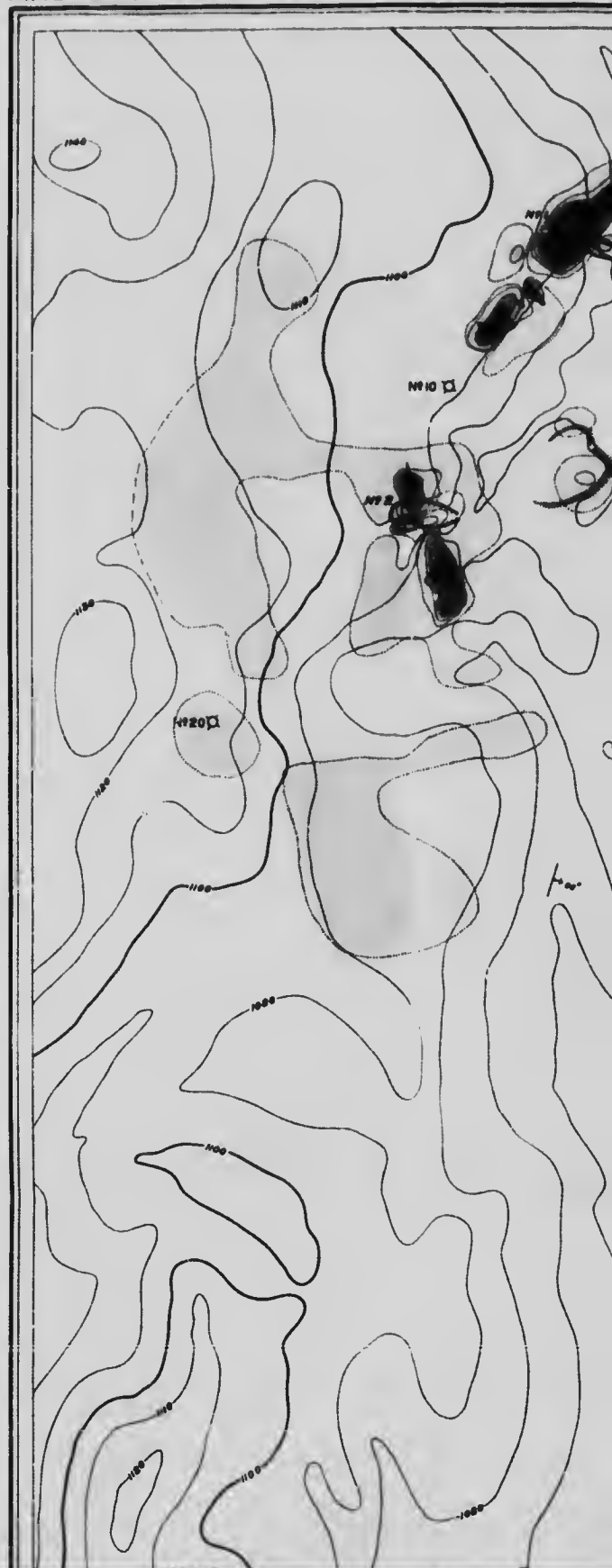
	Magnetic attraction greater than 60°
	between 50° - 60°
	" 40° - 50°
	" 20° - 40°
	" 0° - 20°

Negative Intensity

	between 0° - -20°
	" - 20° - -40°
	" - 40° - -50°
	" - 50° - -60°

Constant of Instr. $\lambda = 1.0 H$

Magnetic declination about 11°30' West



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LEGEND

-  *Road and buildings*
-  *Reference points*
-  *Open cuts and Test pits*
-  *Contours, interval 10 feet
Elevations above sea level*
-  *Mine dumps*

DEPART

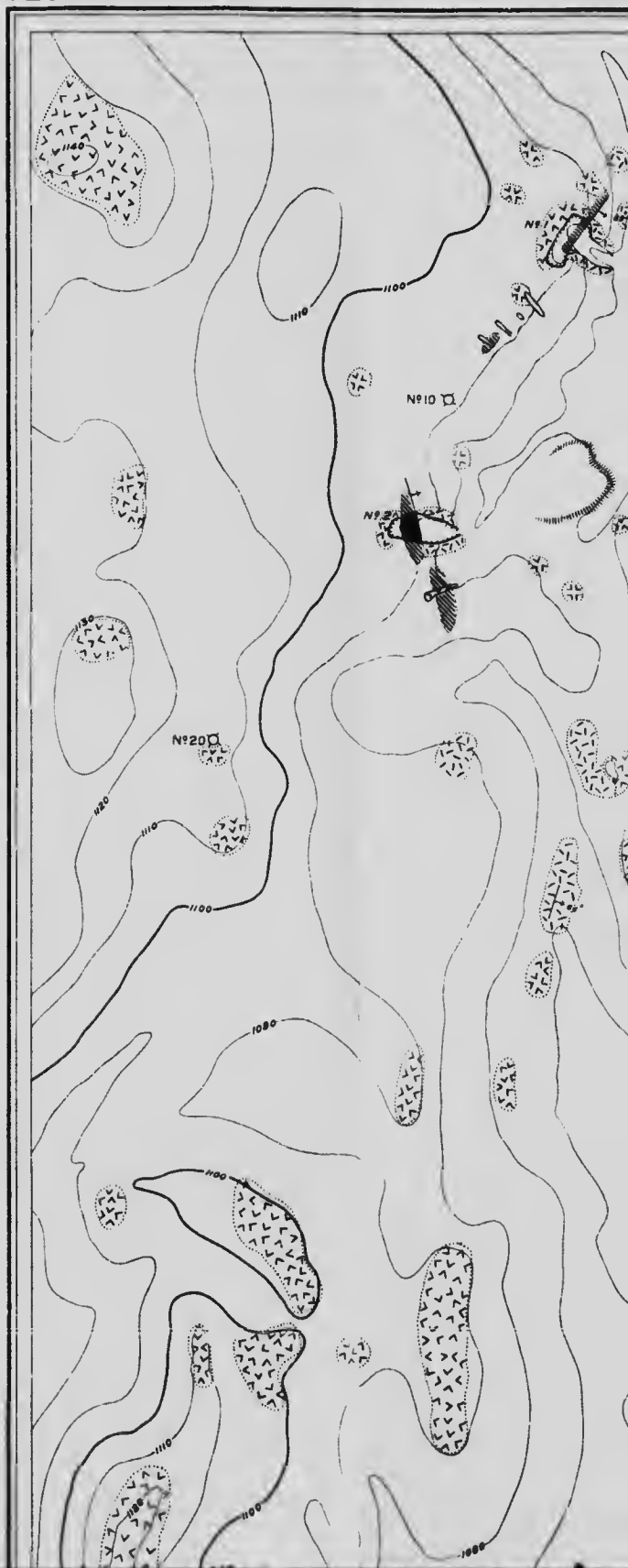
M

HON. ROBERT ROGERS, N
EUSEN

GEOLOGICAL MAP

LEGEND

-  Driftcovered area.
-  Outcrop of Magnetite
-  Driftcovered area within which Magnetite is likely to occur, indicated by Magnetometric Survey
-  Diorite (Archæan)
-  Crystalline limestone and amphibolites "
-  Strike and dip



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LEGEND

-  *Roads and buildings*
-  *Reference posts Lot lines*
-  *Open cuts and Test pits*
-  *Contours, interval 10 feet
Elevations above sea-level*
-  *Mine dumps*

MAGNETOMETRIC MAP

LEGEND

 Isodynamic lines of the vertical magnetic intensity

Positive Intensity

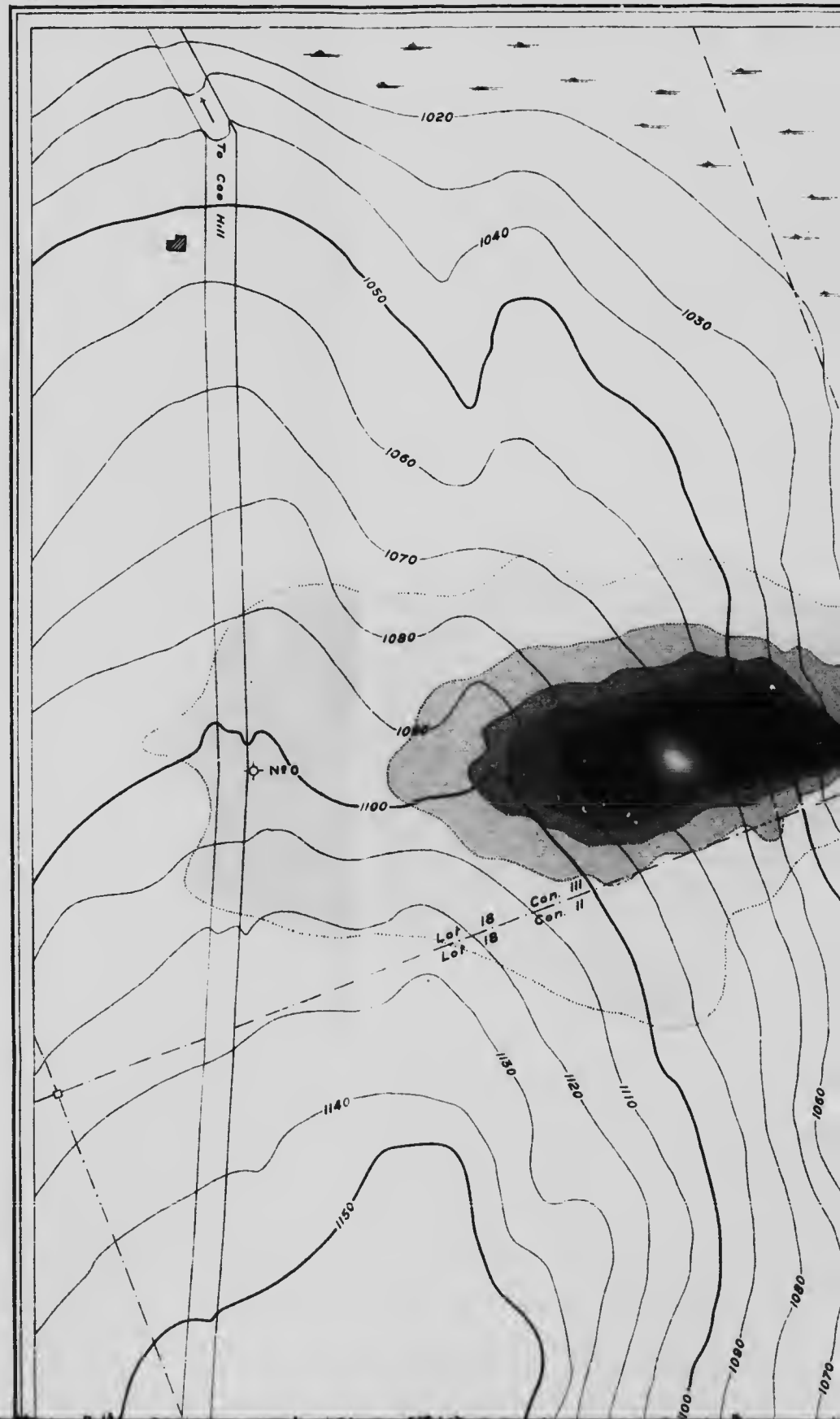
	Magnetic attraction greater than 60°
	between 50° - 60°
	" 40° - 50°
	" 20° - 40°
	" 0° - 20°

Negative Intensity

	between 0° - 20°
	" - 20° - -40°

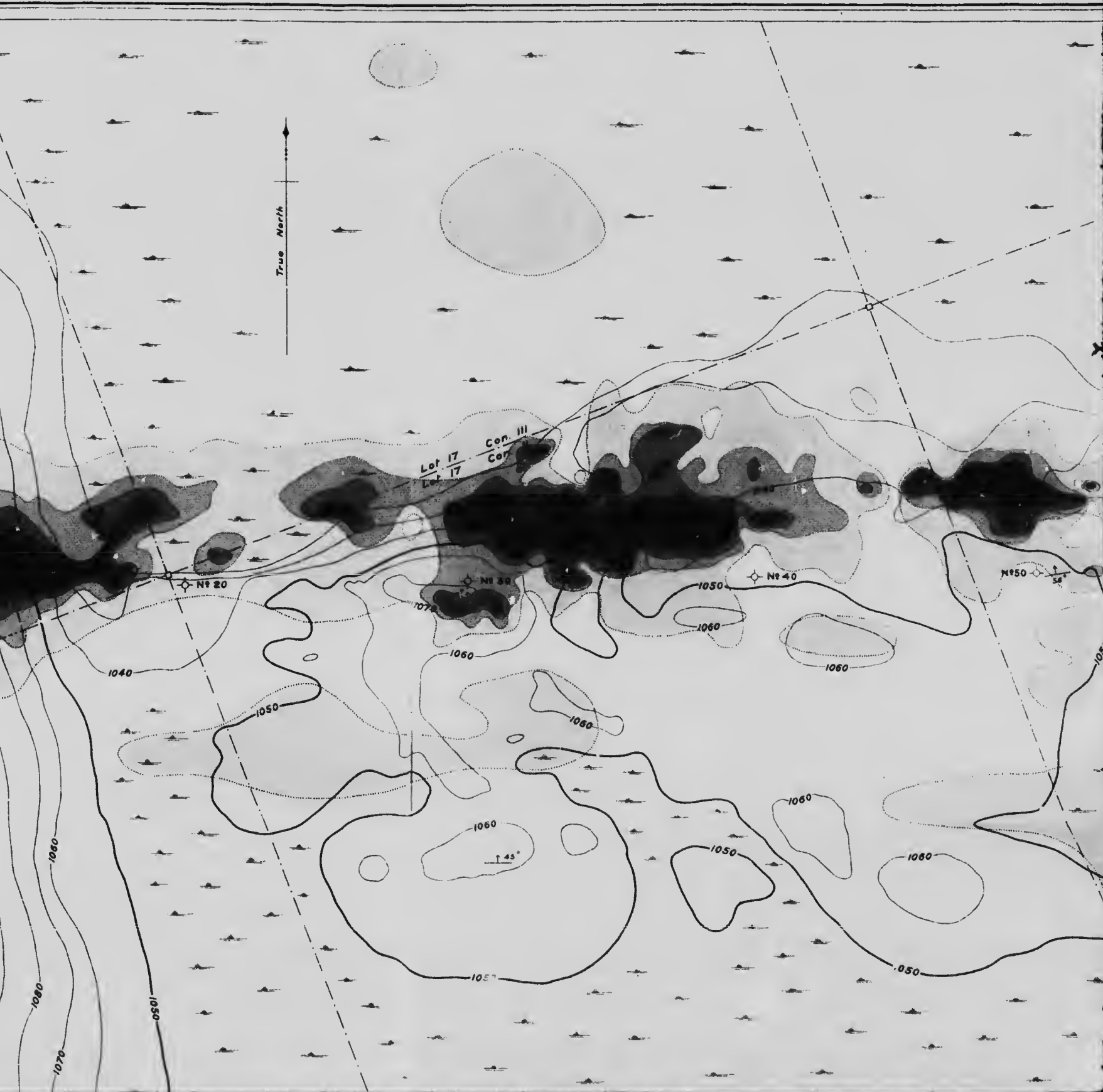
Constant of Instrument = 1.0 H

Magnetic declination about 10° West



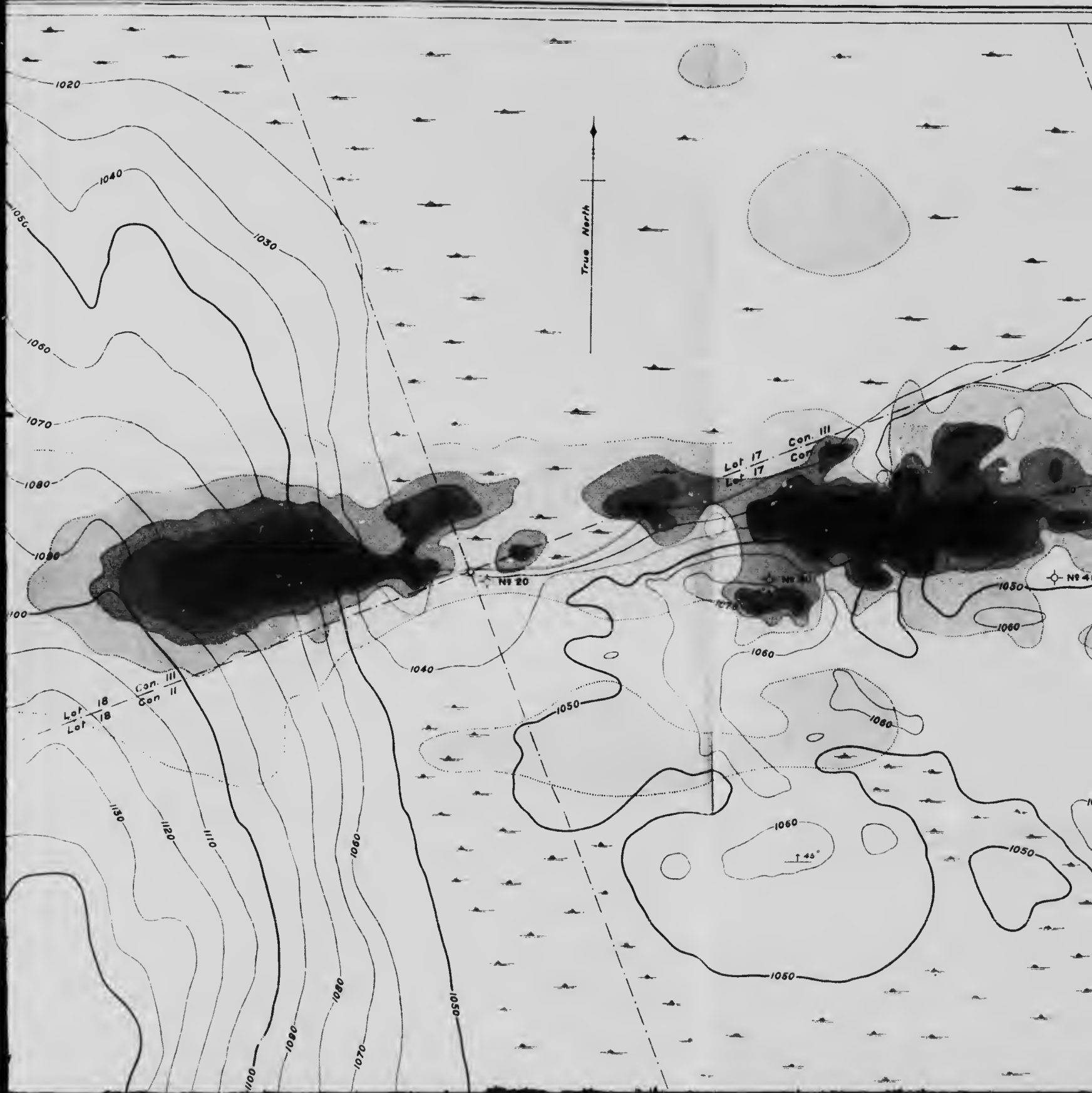
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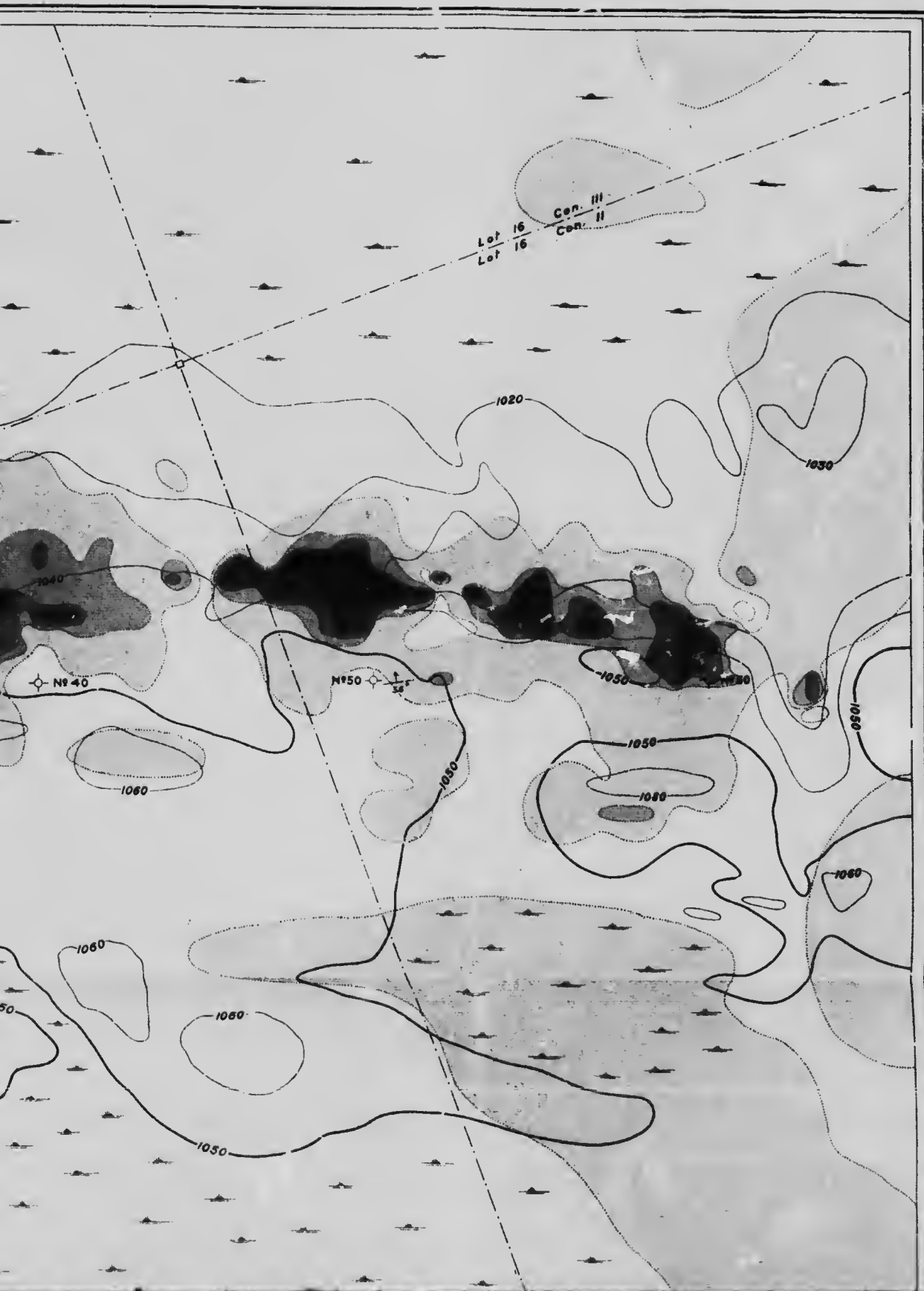
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EUGENE HAANEL, PH.D., DIRECTOR





LEGEND

-  Road and buildings
-  Corner posts and Lot lines
-  Reference posts
-  Test pit
-  Strippings
-  Swamps
-  Contours, interval 10 feet
Elevations above sea-level

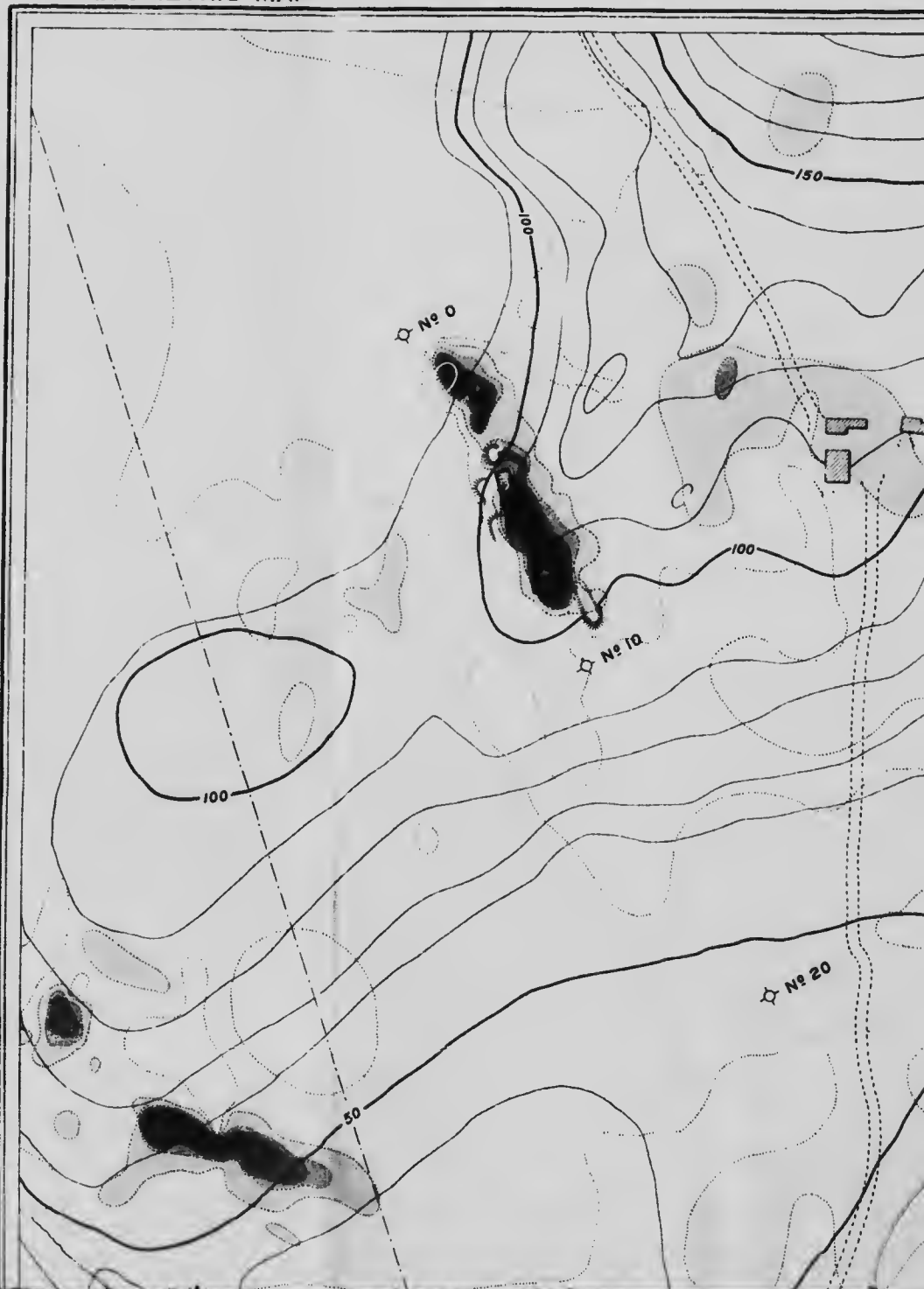
DEPART

M

HON. ROBERT ROGERS, M

EUGEN

MAGNETOMETRIC MAP



LEGEND

*Isodynamic lines of the vertical
magnetic intensity*

Positive Intensity

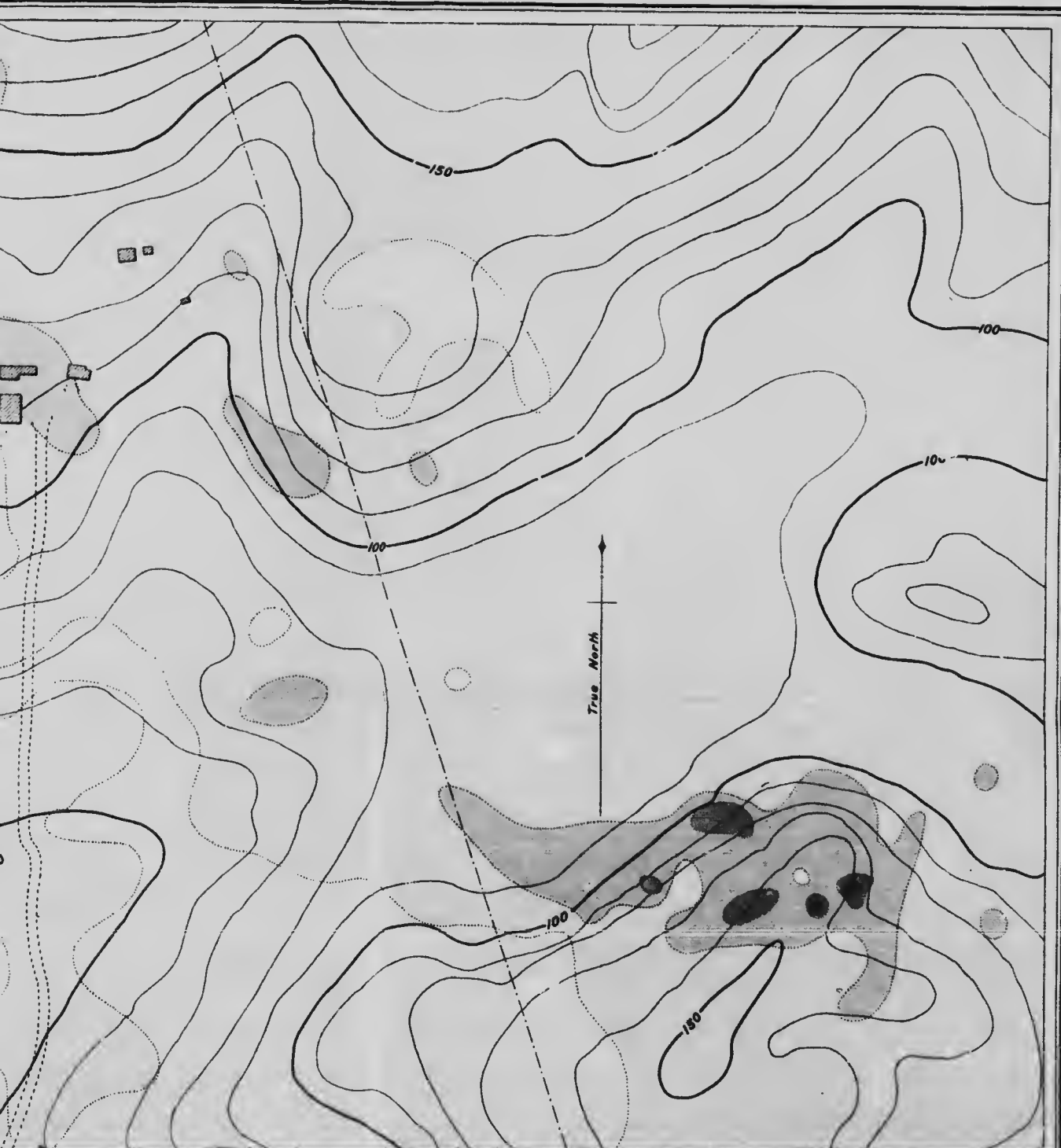
Canada

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EUGENE HAANEL, PH.D., DIRECTOR



LEGEND

Driftcovered area

Outcrop of Magnetite

Driftcovered area within which Magnetite is likely occur. indicated by Magnetometric Survey

Granites and pegmatite

Archaeo

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MINES BRANCH

S. MINISTER: A.P. LOW, LL.D., DEPUTY MINISTER
BENE HAANEL, Ph.D., DIRECTOR



LEGEND



Roads and buildings



Corner posts and Lot lines



Reference posts



Strippings

LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

	Magnetic attraction greater than 60°
	between 50° - 60°
	" 40° - 50°
	" 20° - 40°
	0° - 20°

Negative Intensity

	between 0° - -20°
	" - 20° - -40°
	" - 40° - -50°
	" - 50° - -60°

Constant of Instrument - 10 H

Magnetic declination about 11°30' West

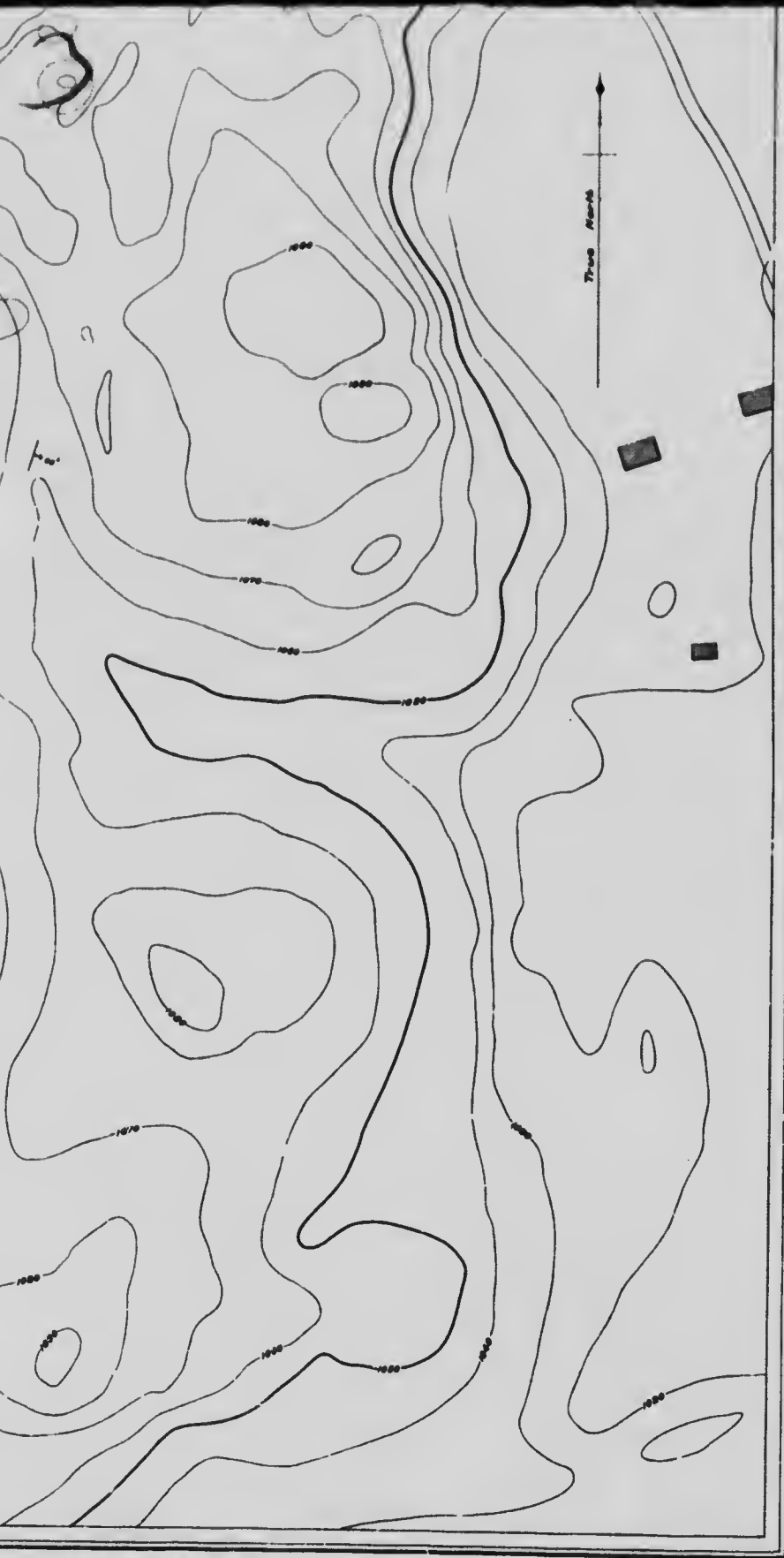


*H. E. Baine, Chief Draughtsman;
L. H. S. Pereira, Draughtsman*

**BAL
LOT 1
TOWN
HAS**

Scale





LEGEND



Road and buildings



Reference posts



Open cuts and Test pits



Contours, interval 10 feet
Elevations above sea-level



Mine dumps

BAKER MINE
LOT 18, CON. XVIII
TOWNSHIP OF TUDOR
HASTINGS COUNTY
ONTARIO

Scale 1/4" = 200' to 1 Inch

Surveyed by
E. Lindeman 1911
Assisted by O. G. Gallaher

No. 188

LEGEND

-  Driftcovered area
-  Outcrop of Magnetite
-  Driftcovered area within which Magnetite is likely to occur, indicated by Magnetometric Survey
-  Diorite (Archaean)
-  Crystalline limestone and amphibolites "
-  Strike and dip



H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

BA
LOT 1
TOW
HAI

Scale





LEGEND



Roads and buildings



Reference posts Lot lines



Open cuts and Test pits



Contours, interval 10 feet
Elevations above sea-level



Mine dumps

BAKER MINE
LOT 18, CON. XVIII
TOWNSHIP OF TUDOR
HASTINGS COUNTY
ONTARIO

Scale 1 inch = 200 feet

Geology by
 E. Lindeman 1911

No. 1854



LEGEND

 Isodynamic lines of the vertical magnetic intensity

Positive Intensity

 Magnetic attraction greater than 60°

 between 50° - 60°

 " 40° - 50°

 " 20° - 40°

 " 0° - 20°

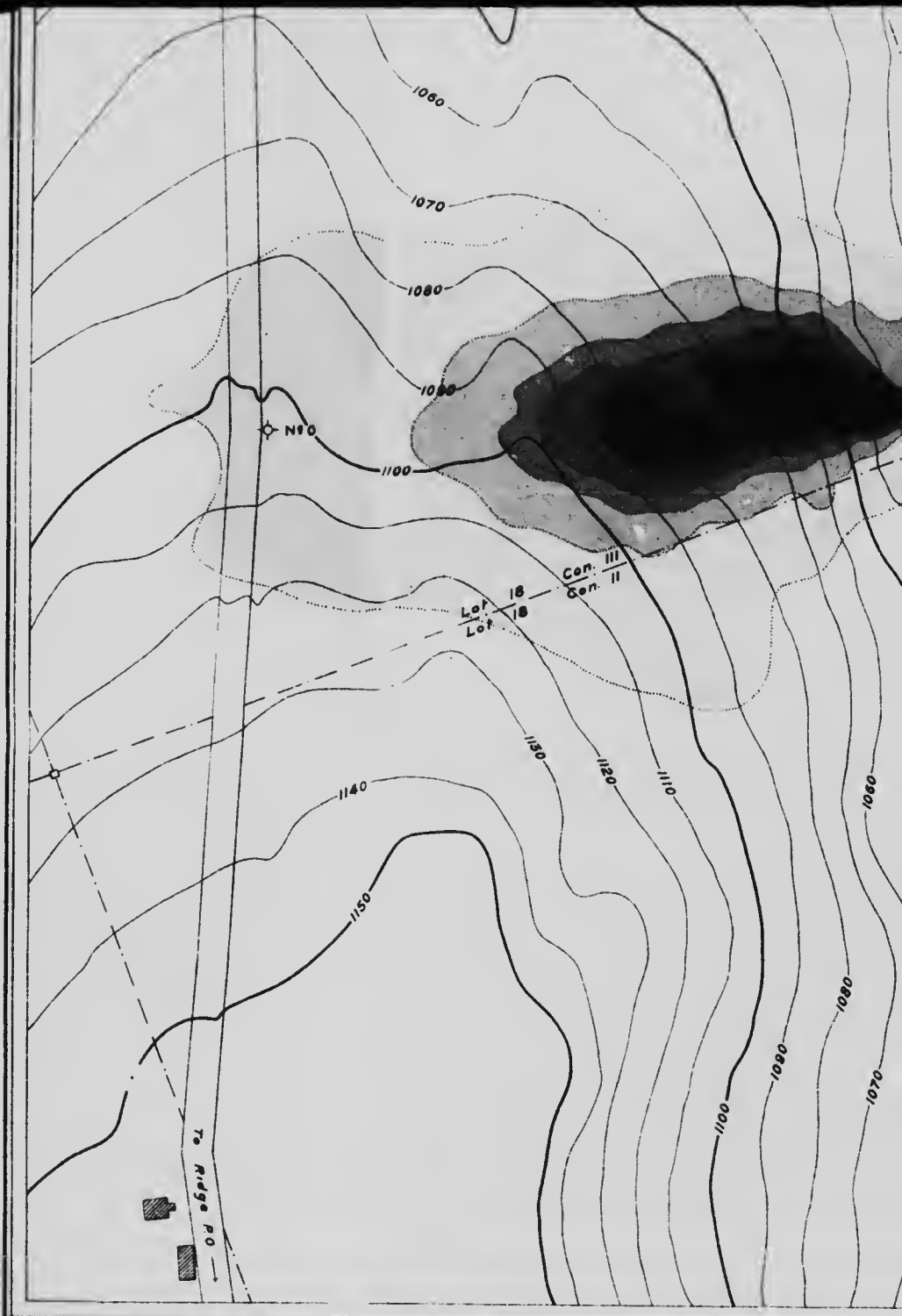
Negative Intensity

 between 0° - 20°

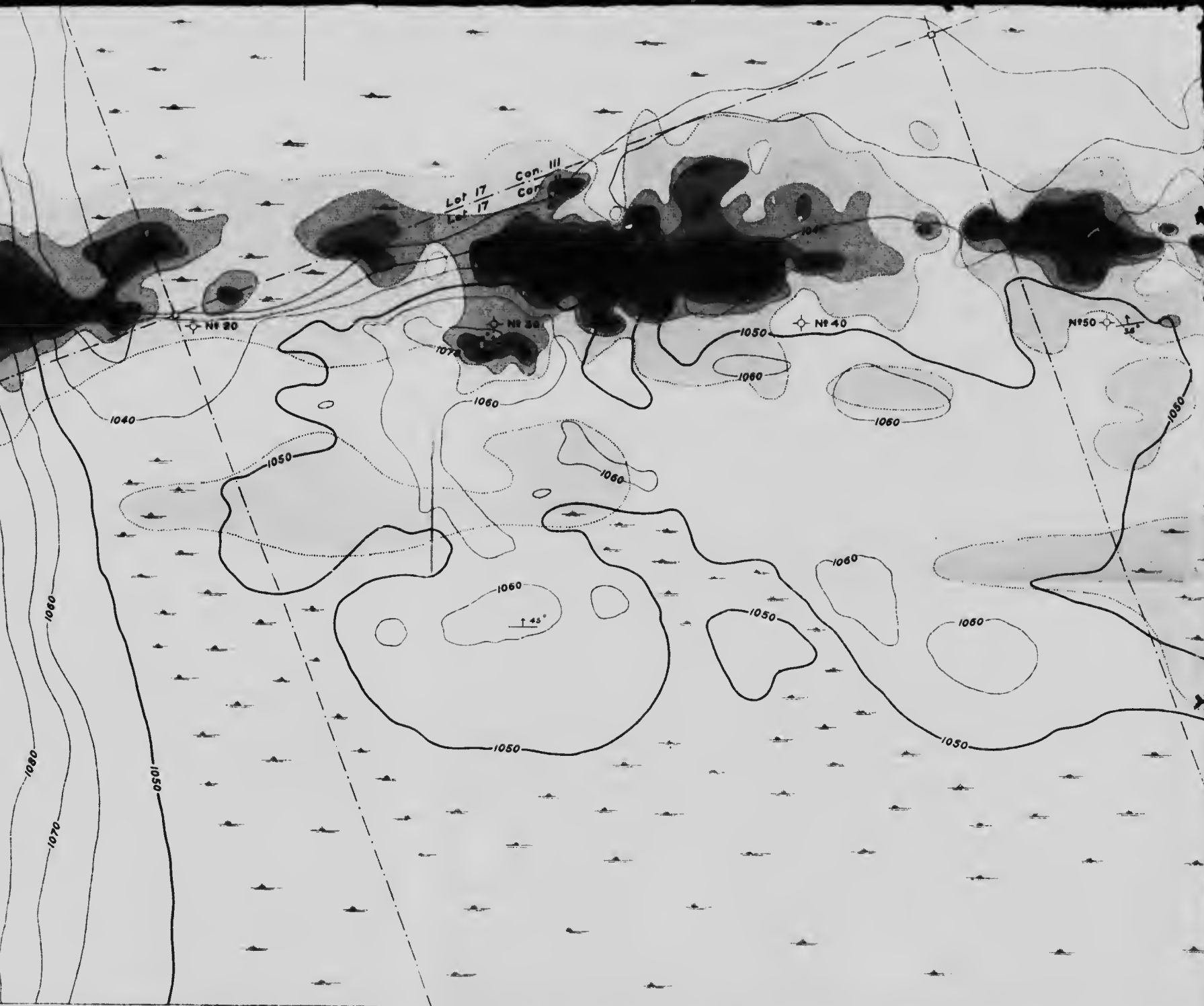
 " - 20° - 40°

Constant of Instrument = 1.0 H

Magnetic declination about 10° West



H. E. Bains, Chief Draughtsman
L. H. S. Pereira, Draughtsman



RIDGE IRON ORE DEPOSITS
LOTS 17 AND 18, CON. III, AND LOTS 16 AND 17, CON. II
TOWNSHIP OF WOLLASTON
HASTINGS COUNTY
ONTARIO

Scale 200' = 1 inch



Surveyed by
E. Lindeman 1911
 Assisted by *O. G. Gallaher*



LEGEND



Road and buildings



Corner posts and Lot lines



Reference posts



Test pit



Strippings



Swamps



Contours, interval 10 feet
Elevations above sea-level

NO. 189

Surveyed by
E. Lineman 1911
Assisted by O. G. Gallaher

LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

	Magnetic attraction greater than 60°
	between 50° 60°
	" 40° 50°
	" 20° 40°
	" 0° 20°

Negative Intensity

	between 0° -20°
	" 20° -40°
	" -40° -50°

Constant of Instrument 1.0 H

Magnetic declination about 9° West





LEGEND

-  Roads and buildings
-  Corner posts and Lot lines
-  Reference points
-  Strippings
-  Swamp
-  Contours, interval 10 feet
Elevations above level of
Fraser Lake
-  Mine dumps

Thickness of Magnetite



D. Covered area within which Magnetite is likely to occur indicated by Magnetometric Survey



Granite and pegmatite (Archean)



Mica and hornblende schists



Crystalline limestone

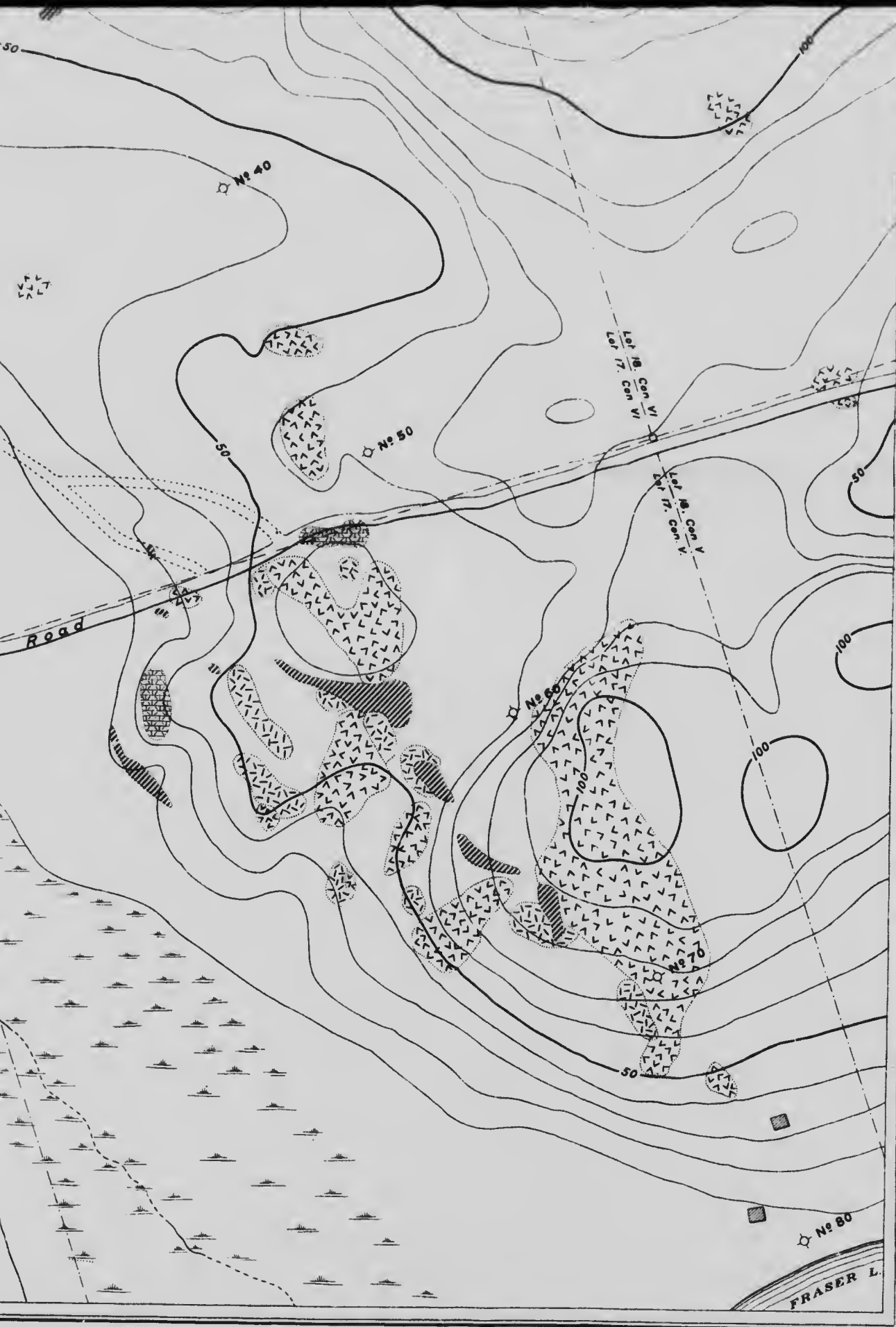


Strike and dip



H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

IRON ORE
LOTS 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
CARLO
O
Scale 1:100,000



-  Corner posts and Lot lines
-  Reference posts
-  Strippings
-  Swamps
-  Contours, interval 10 feet
Elevations above level of Fraser Lake
-  Mine dumps

ON ORE DEPOSITS
 17, 18, CON. VI AND LOT 17 CON. V
 CARLOW TOWNSHIP
 ONTARIO

Geology by
 E. Lindeman 1911

NO. 193A

Scale 800 - 200' to 1 inch



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MIN

HON ROBERT ROBERT 'MIN
EUGENE

MAGNETOMETRIC MAP

LEGEND

Isodynamic lines of the vertical
magnetic intensity

Positive Intensity

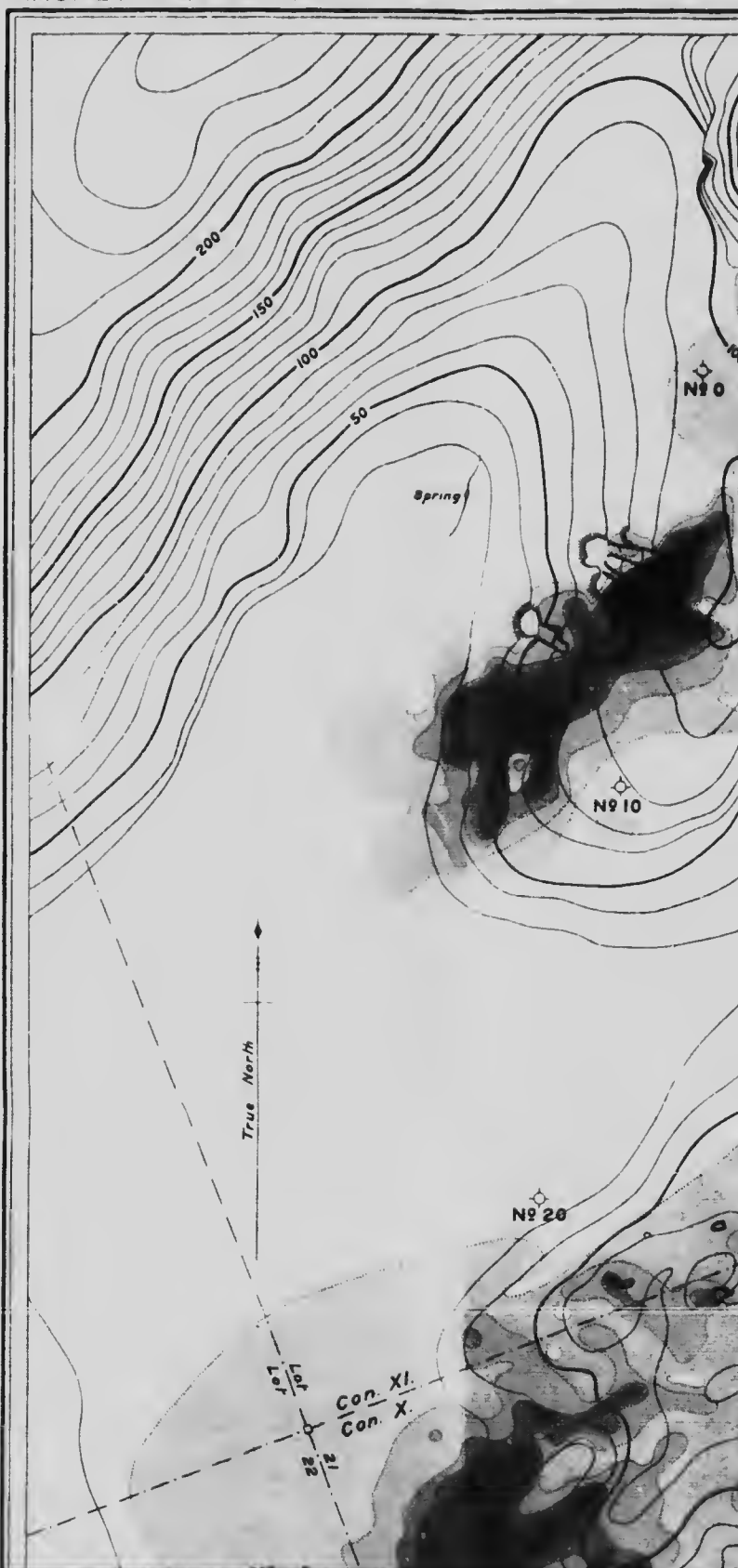
	Magnetic attraction greater than 60°
	between 50° - 60°
	" 40° - 50°
	" 20° - 40°
	" 0° - 20°

Negative Intensity

	between 0° - -20°
	" -20° - -40°
	" -40° - -60°

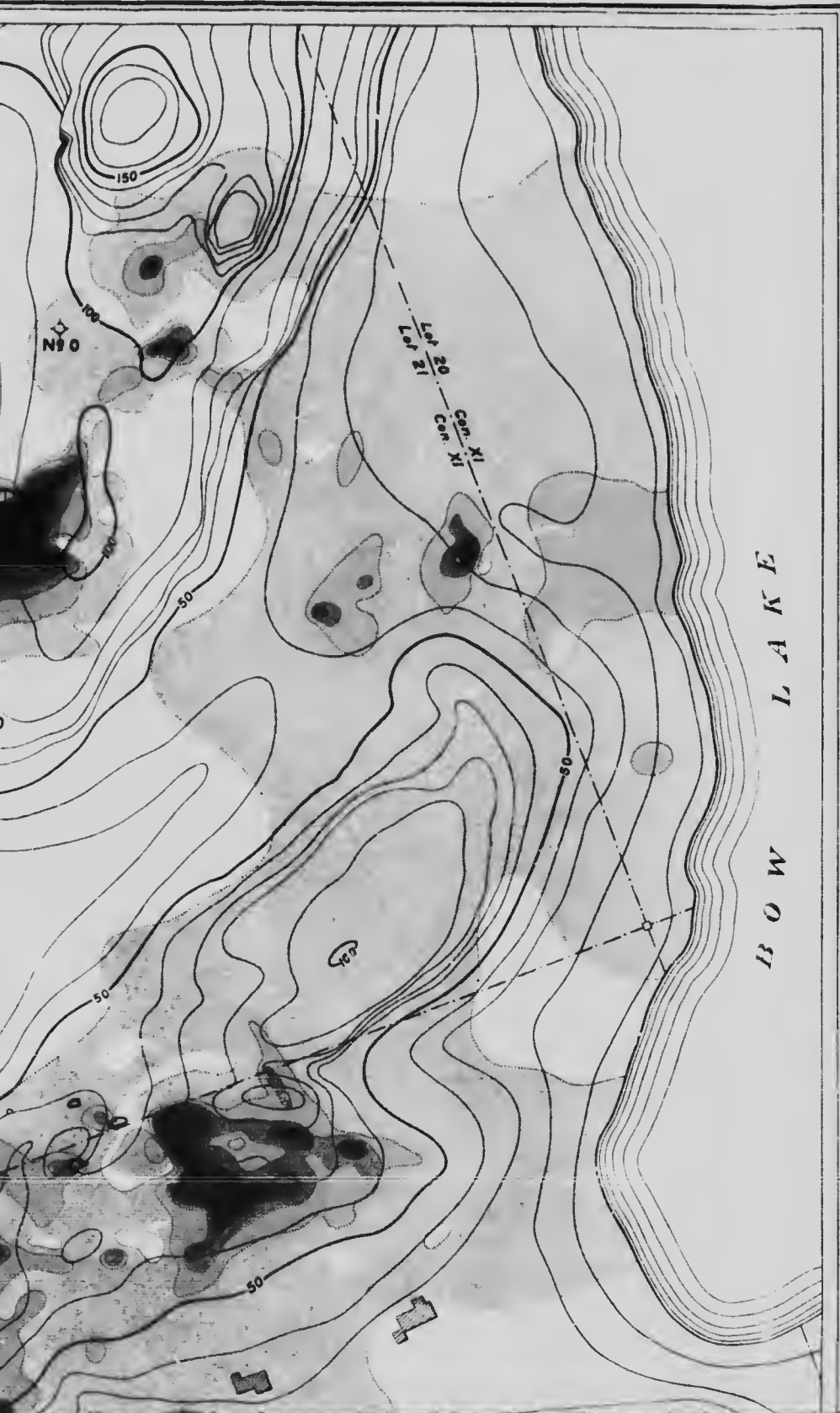
Constant of Instrument - 1.0 H

Magnetic declination about 9° West



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EUGENE MAHREL, Ph.D., DIRECTOR



LEGEND



Roads and buildings



Corner posts and Lot lines



Reference posts



Open cuts and Test pits



Strippings



Contours, interval 10 feet,
based on assumed elevation
of Bow Lake - 0



Mine dumps

MAGNETOMETRIC MAP

LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

	Magnetic attraction greater than 60
	between 50 60
	" 40 50
	" 20 40
	" 0 20

Negative Intensity

	between 0 20
	" 20 40
	" 40 50
	" 50 60
	Magnetic attraction greater than 60

Constant of Instrument 1.0H

Magnetic declination about 11° West



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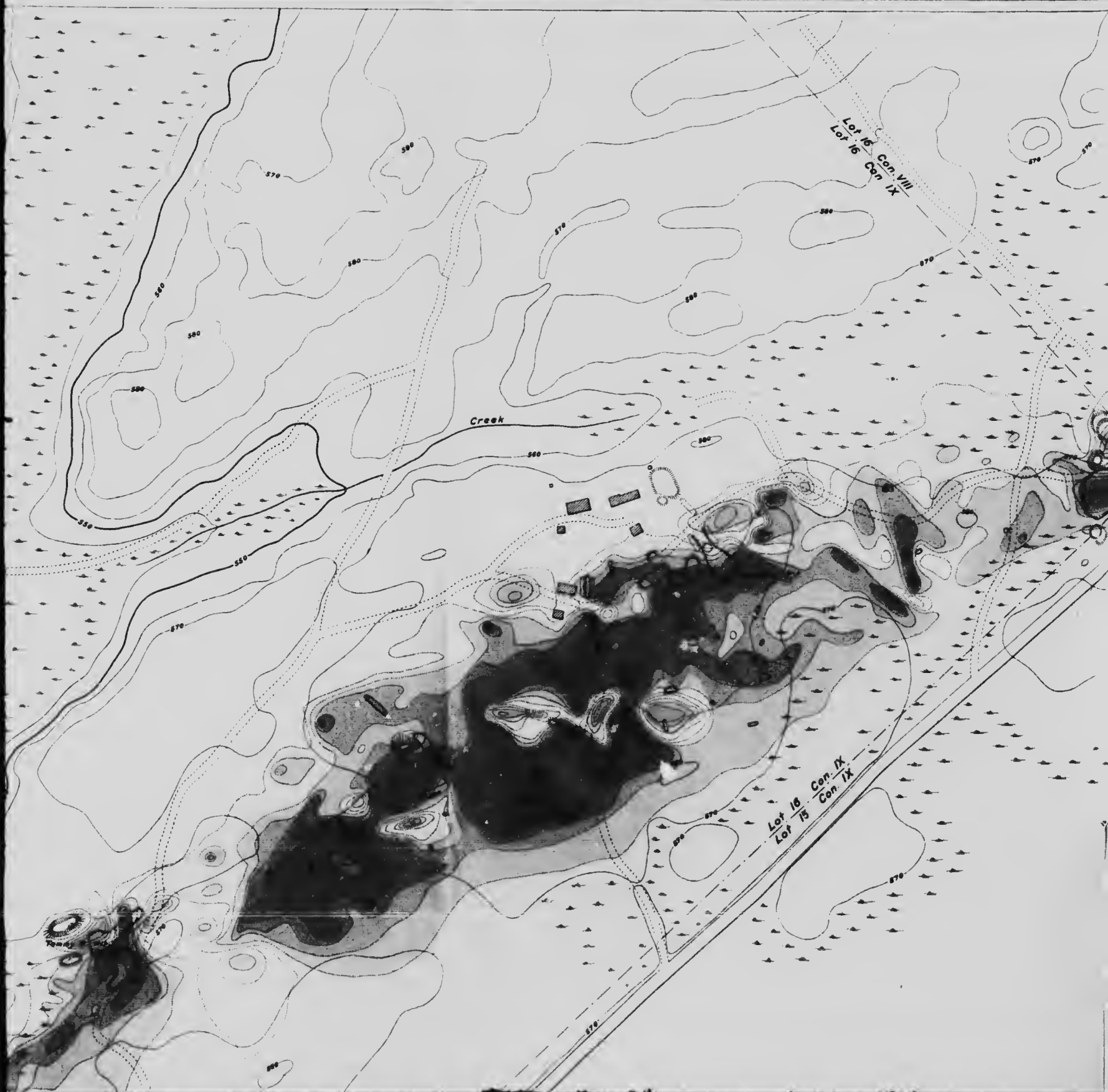
1913



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1913





LEGEND

-  Roads and buildings
-  Corner post and Lot lines
-  Reference posts
-  Open cuts and Test pits
-  Shafts
-  Strippings
-  Swamps
-  Contours, interval 10 feet
Elevations above sea-level
-  Mine dumps

between 0 20

20 40

40 60

Constant of Instrument 10 H

Magnetic declination about 9 West



H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

IRON C
LOTS 16,
CA

Scale
100 0



Elevations above level of
Fraser Lake

Mine dumps

IRON ORE DEPOSITS
LOTS 16, 17, 18, CON. V AND VI
CARLOW TOWNSHIP
ONTARIO

Scale 1 inch = 200 feet

Surveyed by
E. Lindeman 1911
Assisted by W. M. Morrison

NO. 193

LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

	Magnetic attraction greater than 60°
	between 50° 60°
	" 40° 50°
	" 20° 40°
	" 0° 20°

Negative Intensity

	between 0° -20°
	" 20° -40°
	" -40° -60°

Constant of Instrument = 10 H

Magnetic declination about 9° West



H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

BOW LAKE IR

LOT 21 C

TOWNSHIP

HASTI

O

Scale

100 0 10



LEGEND

- Roads and buildings
- Corner posts and lot lines
- Reference posts
- Open cuts and Test pits
- Strippings
- Contours, interval 10 feet, based on assumed elevation of How Lake - 0
- Mine dumps

KE IRON ORE DEPOSITS

LOT 21 CONS. X AND XI

TOWNSHIP OF FARADAY

HASTINGS COUNTY

ONTARIO

Scale 1:200' to 1 Inch

0 100 200 300 400

Surveyed by
E. Lindeman 1911
Assisted by W. M. Morrison

No 194

MAGNETOMETRIC MAP

LEGEND

*Isodynamic lines of the vertical
magnetic intensity*

Positive Intensity

*Magnetic attraction greater than 60**between 50 60**" 40 50**" 30 40**" 20 30*

Negative Intensity

*between 0 20**20 40**" 40 50**" greater than 50**Constant of Instrument 10 H**Magnetic declination about 10° 30' West**H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman***BLACK BAY**
LO
BAG
RENScale
100 0 100

Canada

DEPARTMENT OF MINES

MINES BRANCH

LOUIS GODFREY MINISTER A. FLOW LLD DEPUTY MINISTER
EUGENE MAHREL PhD DIRECTOR

1913



LEGEND



Road and buildings



Reference posts



Shaft



Open cuts



Swamps



Contours interval 10 feet
Elevations above sea level



Mine dumps

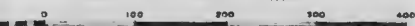
No 230

BAY OR WILLIAMS MINE

LOT 22, CON. XI
BAGOT TOWNSHIP
RENFREW COUNTY
ONTARIO

Surveyed by
E. Lindeman 1911
Assisted by N. D. Bothwell

Scale 1/4 inch = 200 feet to 1 inch



LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

	Magnetic attraction greater than 60°
	between 50° 60°
	" 40° 50°
	" 20° 40°
	" 0° 20°

Negative Intensity

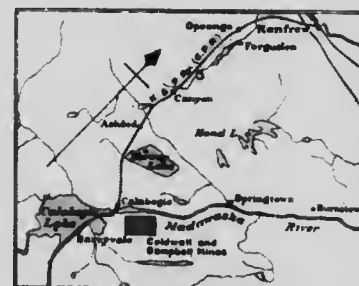
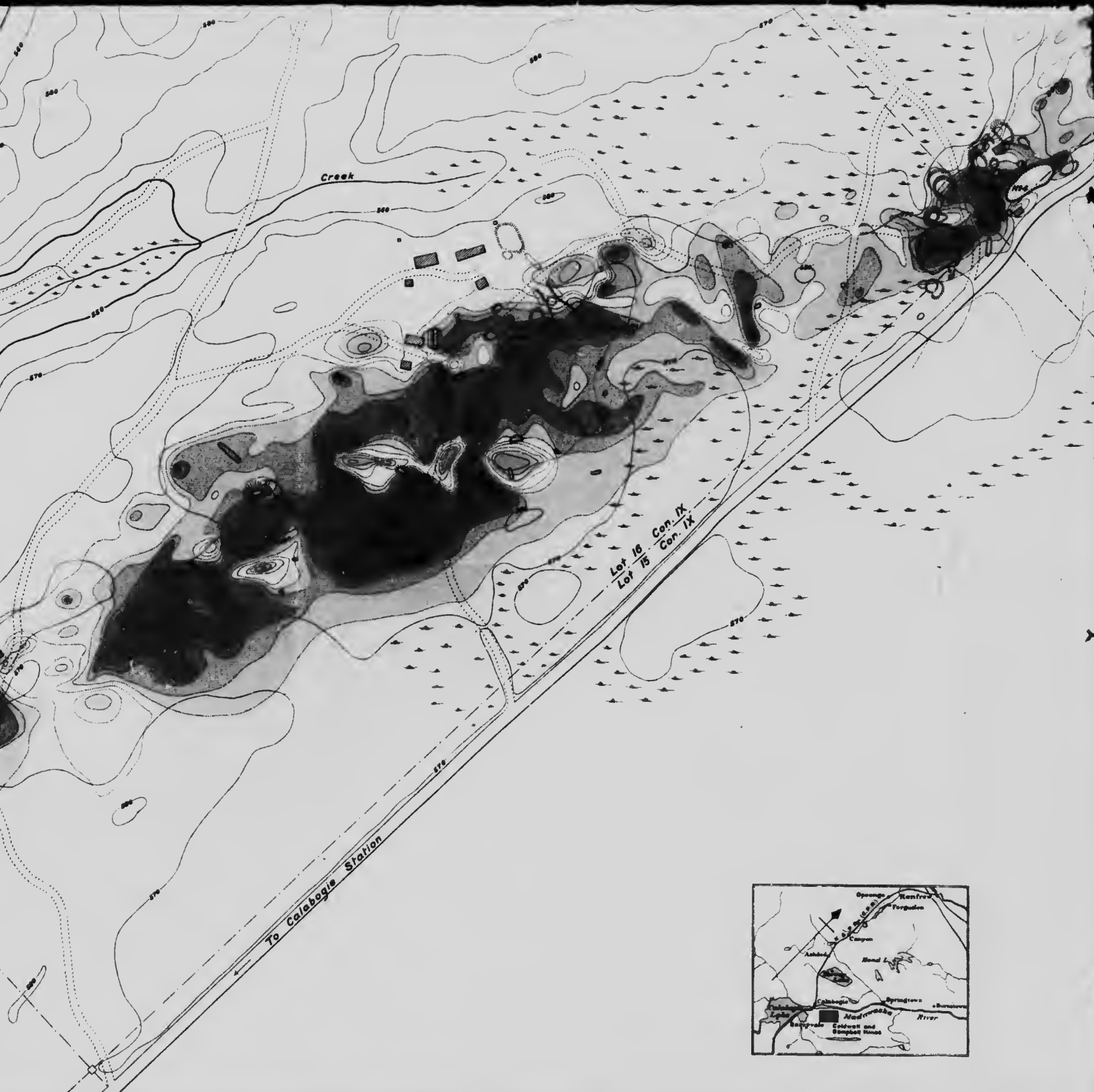
	between 0° - 20°
	" - 20° - - 40°
	" - 40° - - 50°
	" - 50° - - 60°
	Magnetic attraction greater than -60°

Constant of Instrument - 1.0H

Magnetic declination about 11° West



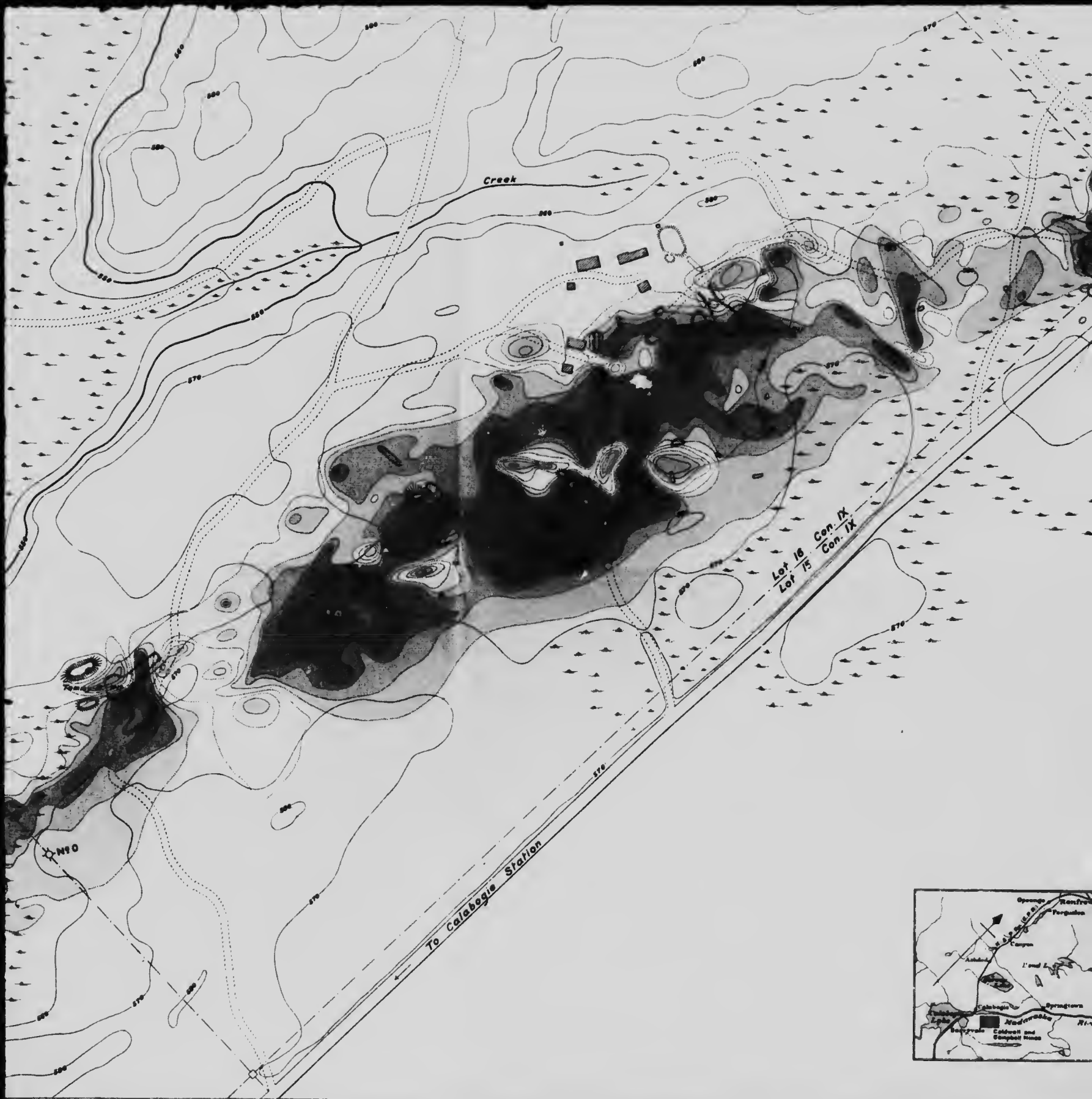
H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman



CALDWELL AND CAMPBELL MINES
LOTS 15 AND 16, CONS. VIII AND IX
BAGOT TOWNSHIP
RENFREW COUNTY
ONTARIO

Scale 100 - 200 to 1 inch

Surveyed by
 E. Nystrom 1903
 E. Lindeman 1911
 Assisted by N. D. Bothwell



CALDWELL AND CAMPBELL MINES

LOTS 15 AND 16, CONS. VIII AND IX

BAGOT TOWNSHIP

RENFREW COUNTY

ONTARIO

Scale 100 - 200' to 1 inch



Surv
E. N
E. L
Assi



LEGEND

-  Roads and buildings
-  Corner post and Lot lines
-  Reference posts
-  Open cuts and Test pits
-  Shafts
-  Strippings
-  Swamps
-  Contours, interval 10 feet
Elevations above sea-level
-  Mine dumps

NO. 249

Surveyed by
E. Nystrom 1903
E. Lindeeman 1911
Assisted by N. D. Bo'well

MAGNETOMETRIC MAP

LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity



Magnetic attraction greater than 60°



between 50° 60°



" 40° 50°



20° 40°



" 0° 20°

Negative Intensity



between 0° 20°



" 20° 40°



" 40° 50°



" 50° 60°



Magnetic attraction greater than 60°



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MINES BRANCH

HON. LOUIS CODERRE, MINISTER: A. P. LOW, LL.D., DEPUTY MINISTER
EUGENE HAANEL, PH.D., DIRECTOR

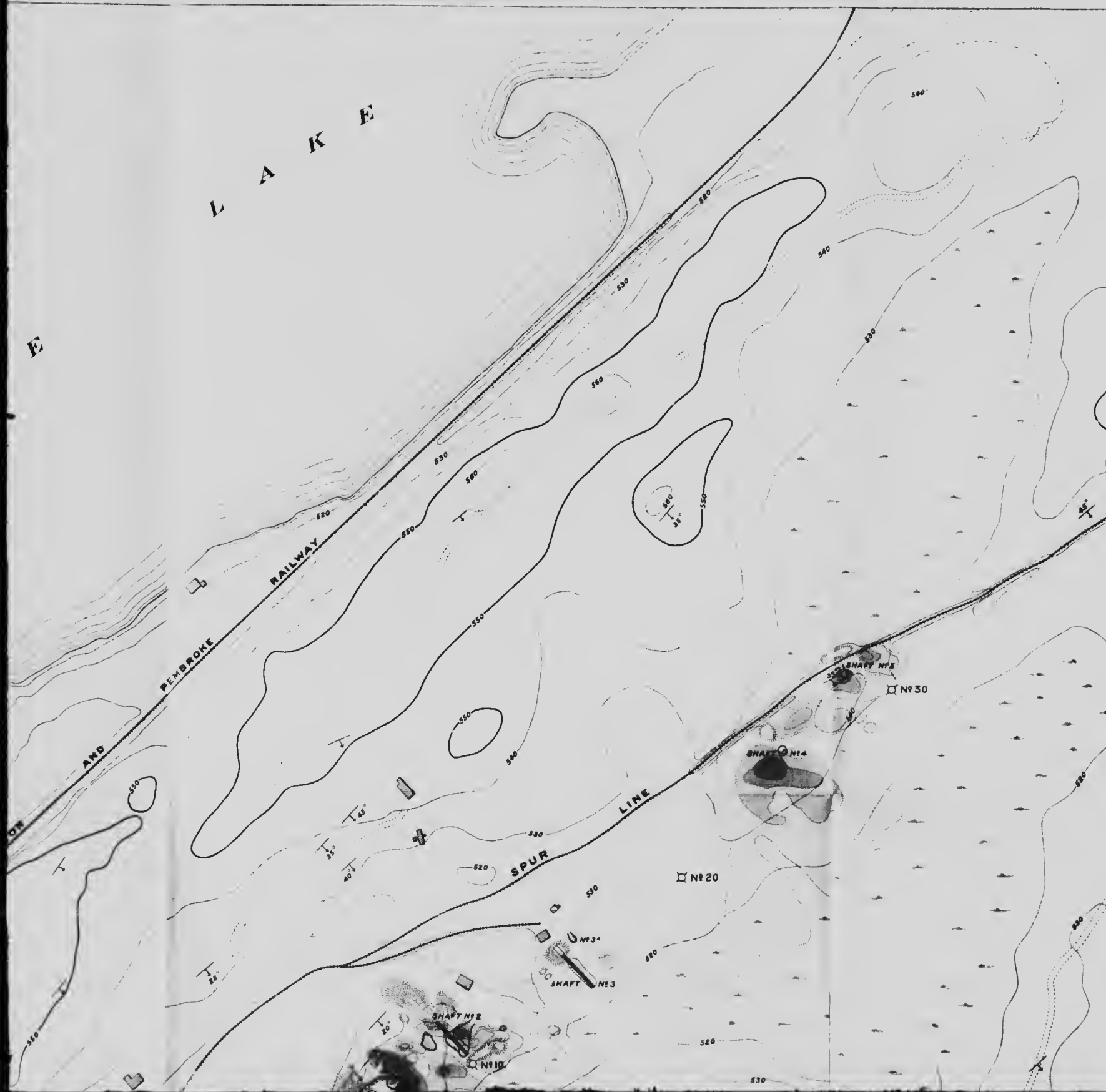
1913



Canada
DEPARTMENT OF MINES
MINES BRANCH

HON. LOUIS CODERRE, MINISTER. A. P. LOW, LL.D., DEPUTY MINISTER
EUGENE HAANEL, PH.D., DIRECTOR

1913





LEGEND

-  Road and buildings
-  Reference posts
-  Railways
-  Elevated tramway
-  Bridge
-  Open cuts
-  Stripping
-  Pits filled with water
-  Swamps
-  Contours, interval 10 feet
Elevations above sea-level
-  Mine dumps

MAGNETOMETRIC MAP

LEGEND

*Isodynamic lines of the vertical
magnetic intensity*

Positive Intensity

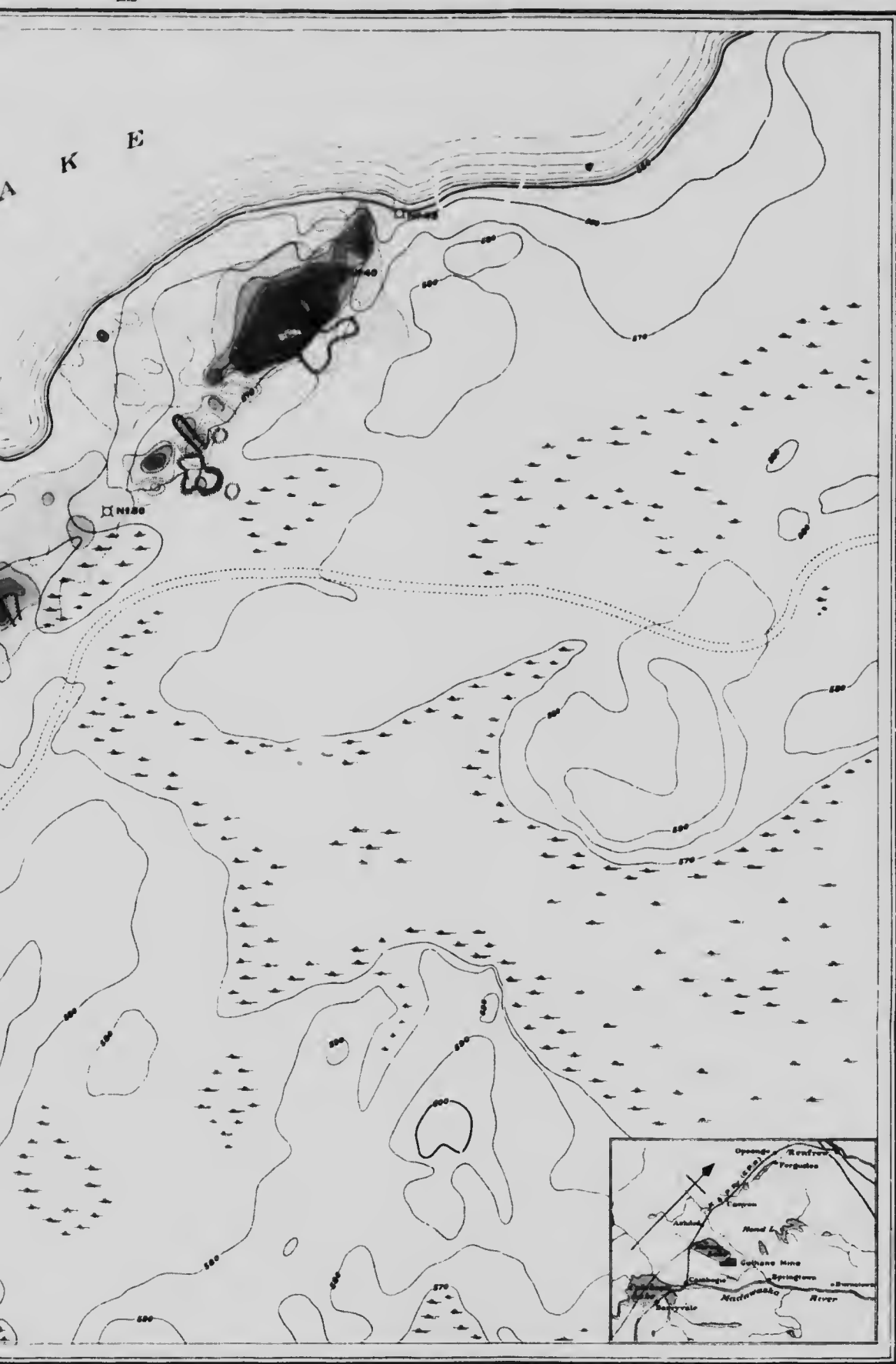
*Magnetic attraction greater than 60**between 50 60**" 40 50**" 20 40**" 0 20*

Negative Intensity

*between 0 20**" 20 40**" 40 50**" 50 60**Magnetic attraction greater than - 60**Constant of Instrument 10 H**Magnetic declination about 11° 30' West**H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman*CUL
LOT
BAGO
REN

Scale

100 0



LEGEND

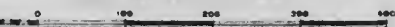
-  Road and building
-  Reference post
-  Diamond drill hole
-  Shaft
-  Open cuts and Test pits
-  Stripping
-  Swamps
-  Contours, interval 10 feet
Elevations above sea level
-  Mine dumps

No. 252

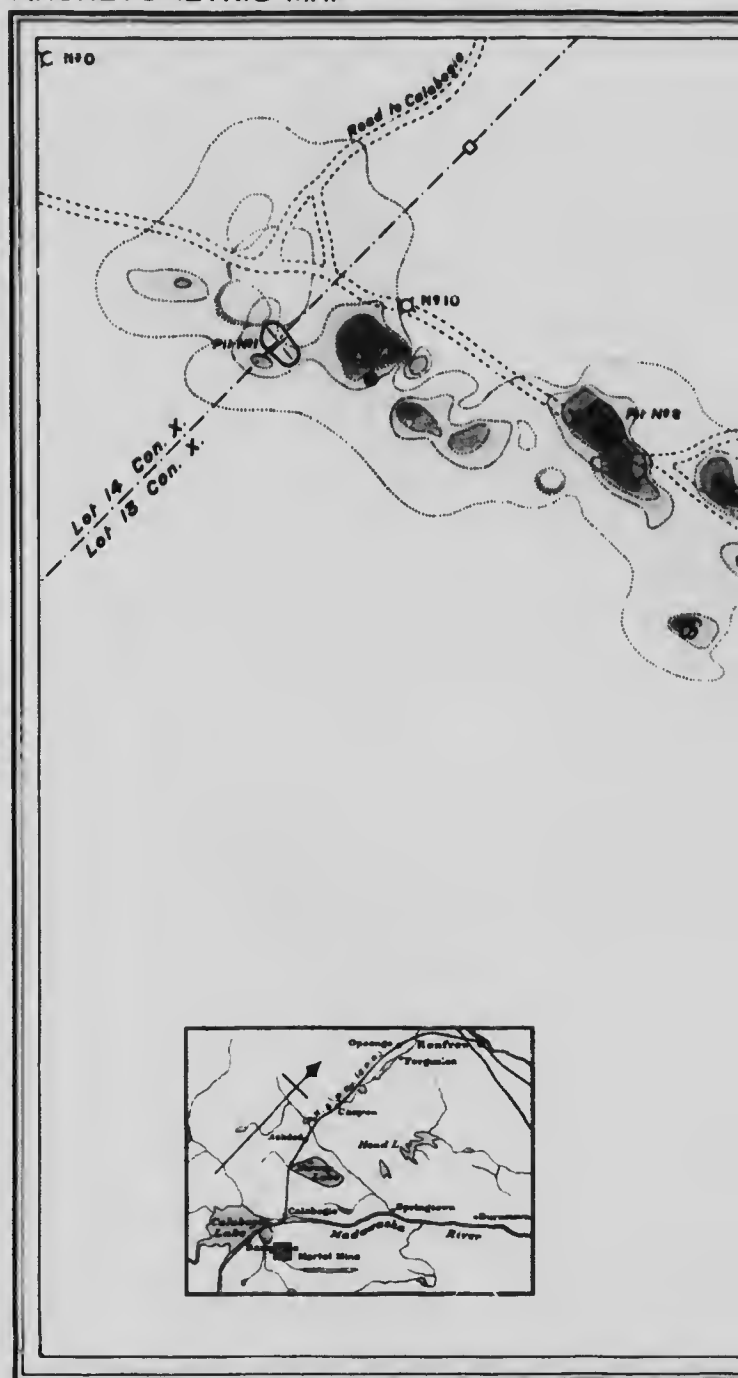
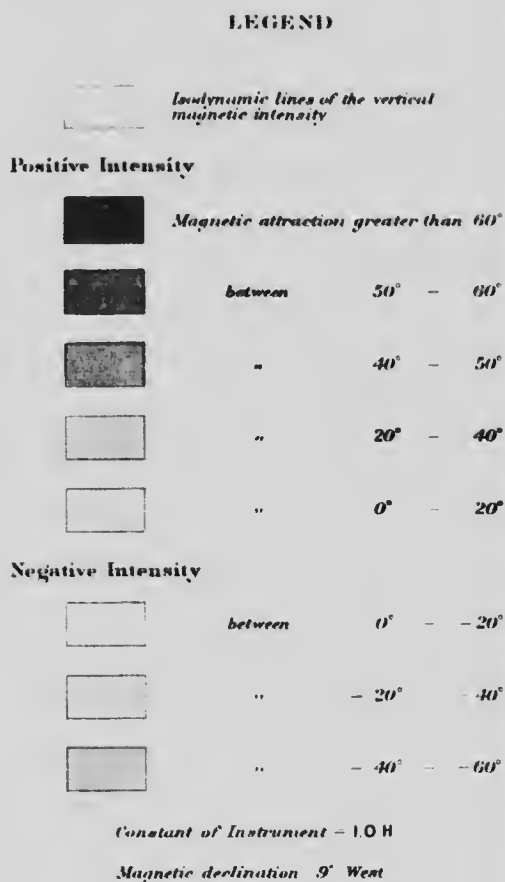
CULHANE MINE
LOT 21, CON. VII
BAGOT TOWNSHIP
RENFREW COUNTY
ONTARIO

Surveyed by
E. Lindeman 1911
Assisted by N. D. Bothwell

Scale 1:60 = 200' to 1 inch



MAGNETOMETRIC MAP



H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

MARTEL
LOT

Canada
DEPARTMENT OF MINES
MINES BRANCH

HON. LOUIS CLOPPERS, MINISTER. A. P. LOW, LL.D., DEPUTY MINISTER
 EUGENE HAANEL, PH.D., DIRECTOR
 1913



LEGEND

-  Roads and buildings
-  Corner posts and Lot line
-  Reference posts
-  Diamond drill hole
-  Strippings
-  Pits filled with water
-  Mine dumps

RTEL or WILSON IRON MINE
LOTS 13 AND 14, CON. X
BAGOT TOWNSHIP
KENFREW COUNTY
ONTARIO

Scale 1000' to 1 inch



Surveyed by
 E. Lindeman 1911
 Assisted by N. D. Bothwell

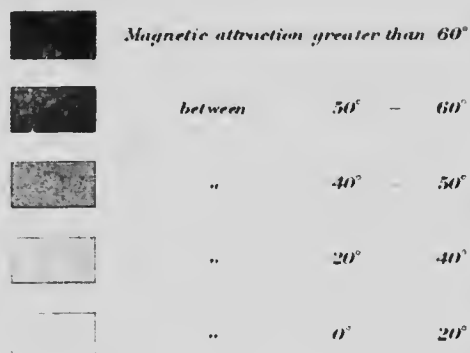
No. 253

MAGNETOMETRIC MAP

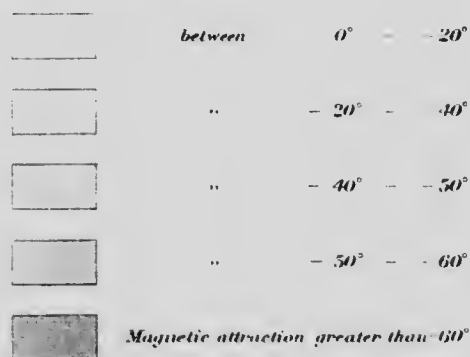
LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

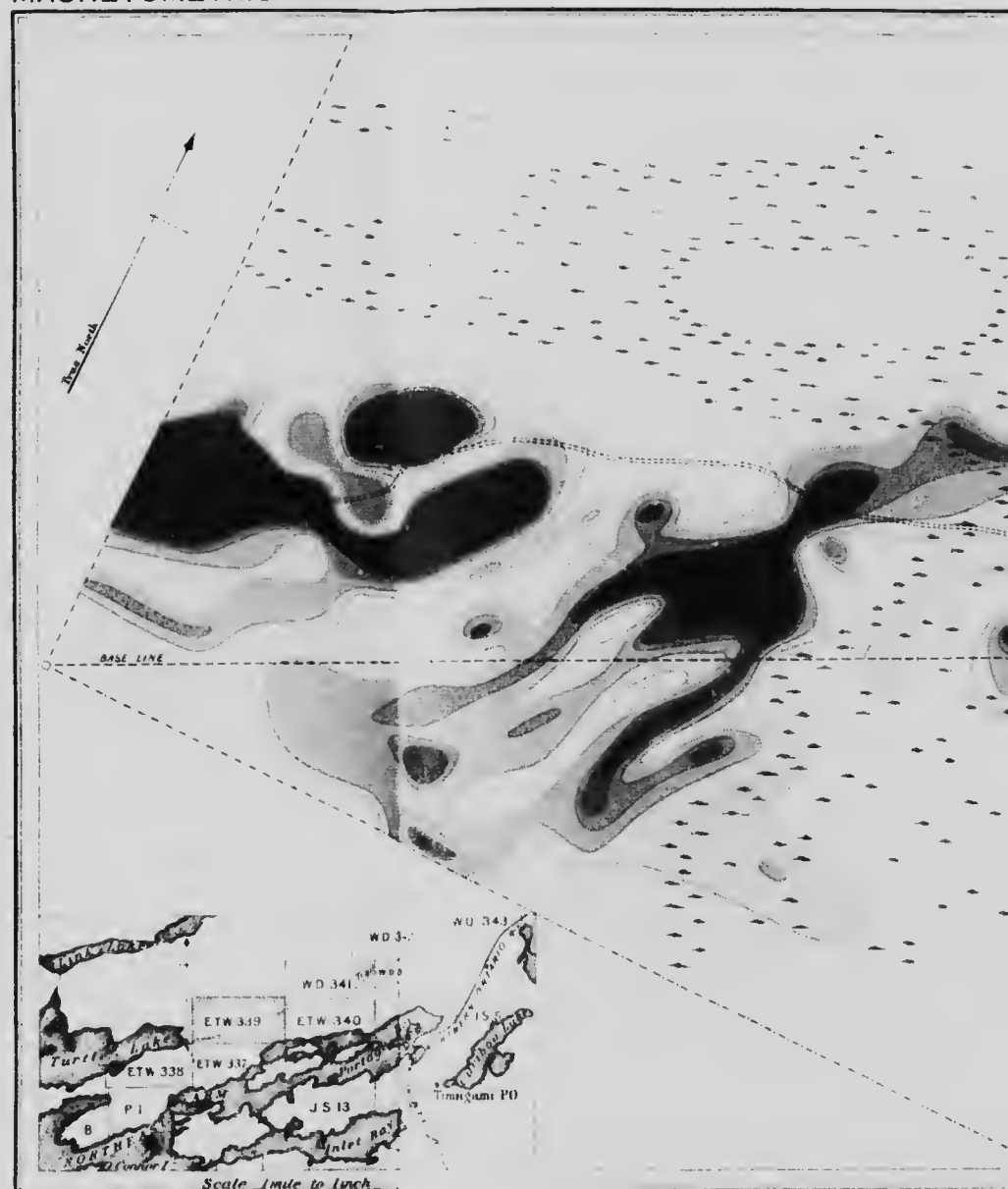


Negative Intensity



Constant of Instrument = 0.85 H

Magnetic declination about 8° West



H. E. Baine, Chief Draughtsman
D. Westwood, Draughtsman

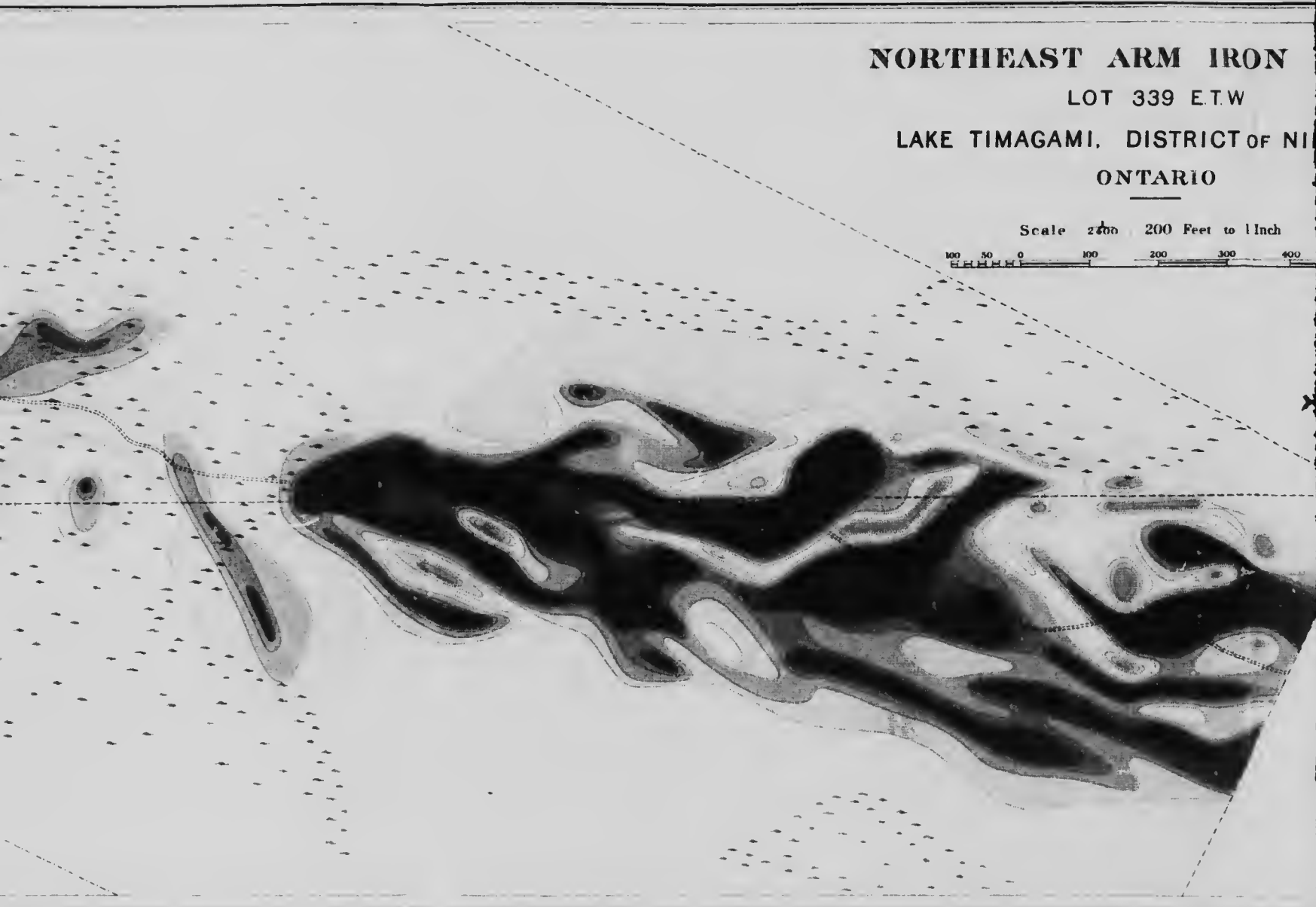
Canada
DEPARTMENT OF MINES
MINES BRANCH

HON. LOUIS CODERRE, MINISTER, A.P.C.W., LL.D., DEPUTY MINISTER
EUGENE HAANEL, PH.D. DIRECTOR
1913

NORTHEAST ARM IRON
LOT 339 E.T.W
LAKE TIMAGAMI, DISTRICT OF NI
ONTARIO

Scale 2000 200 Feet to 1 Inch

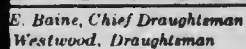
100 50 0 100 200 300 400



Surveyed by
E. Nystrom 1903

MAGNETOMETRIC MAP

1913



NORTHEAST ARM IRON RANGE

LOT 339 ETW

LAKE TIMAGAMI, DISTRICT OF NIPISSING

ONTARIO

Scale 2400 200 Feet to 1 Inch



LEGEND



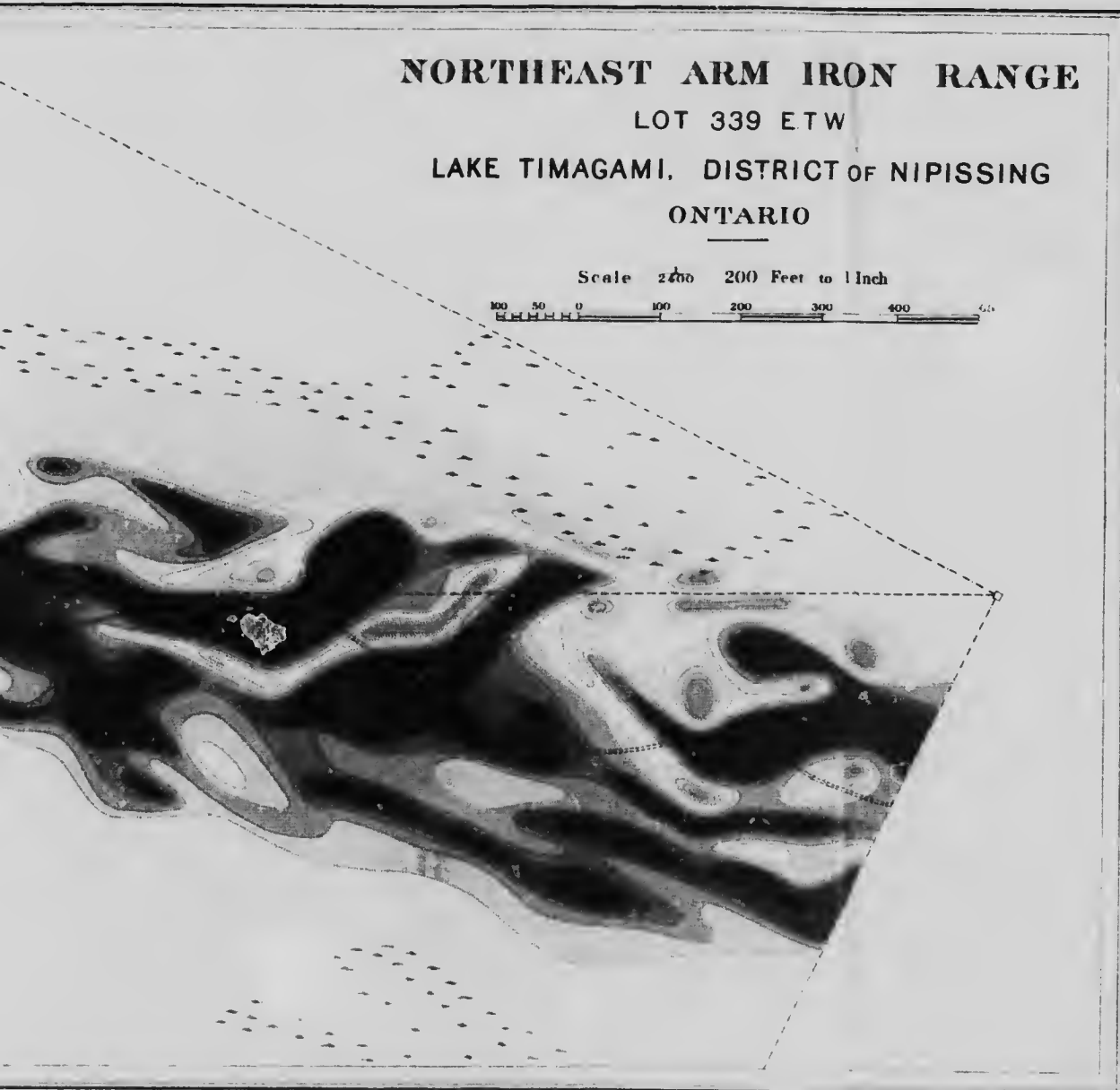
Trail



Corner posts and Lot lines



Swamp



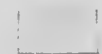
No. 261

Surveyed by
E. Nystrom 1903

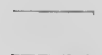
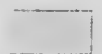
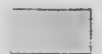
LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

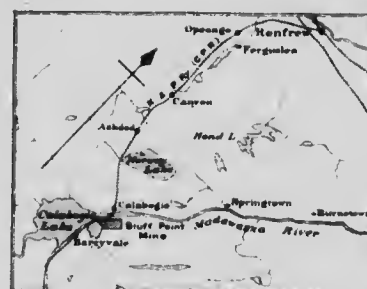
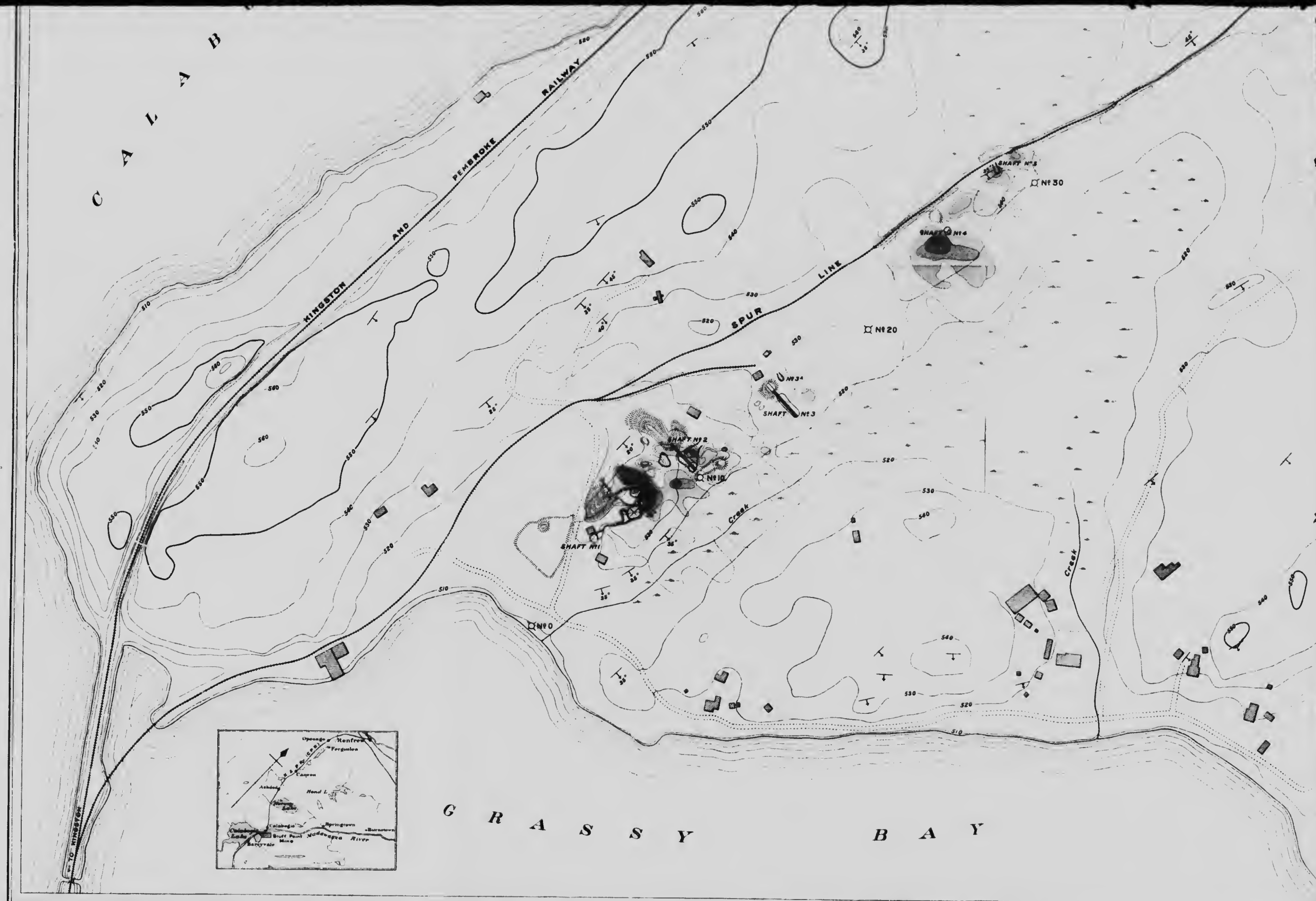
	Magnetic attraction greater than 60
	between 50 60
	" 40 50
	" 20 40
	" 0 20

Negative Intensity

	between 0 -20
	" 20 40
	" 40 50
	" 50 60
	Magnetic attraction greater than 60

Constant of Instrument 1.0H

Magnetic declination about 11° West



H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

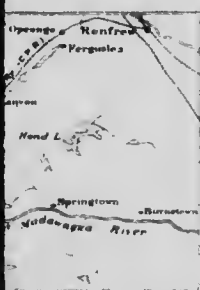
BLUFF POINT IRON MINE
LOT 16, CONS. X AND XI
BAGOT TOWNSHIP
RENFREW COUNTY
ONTARIO

Scale 1:400 - 200 to 1 inch

Surveyed by
E. Lindeman 1911
Assisted by N. D.



- LEGEND**
- Road and buildings
 - Reference post
 - Railway
 - Elevated tramway
 - Bridge
 - Open cuts
 - Stripping
 - Pits filled with water
 - Swamps
 - Contours, interval 10 feet
Elevations above sea-level
 - Mine dumps



BLUFF POINT IRON MINE
 LOT 16, CONS. X AND XI
 BAGOT TOWNSHIP
 RENFREW COUNTY
 ONTARIO
 Scale 200' to 1 inch

Surveyed by
 E. Lindeman 1911
 Assisted by N. D. Bothwell

No. 251

Canada
DEPARTMENT OF MINES
 HON. LOUIS CODENNE, MINISTER, R.W. BROCK, DEPUTY MINISTER.
MINES BRANCH
 EUGENE HAAREL, Ph.D., DIRECTOR

MAGNETOMETRIC MAP

- LEGEND**
- Isodynamic lines of the vertical magnetic intensity
- Positive Intensity
- Magnetic attraction greater than 40°
 - between $20^\circ - 40^\circ$
 - " $0^\circ - 20^\circ$
- Negative Intensity
- between $0^\circ - -20^\circ$
- Constant of Instrument = 1.2 H
 Magnetic declination about $24^\circ 6'$ west



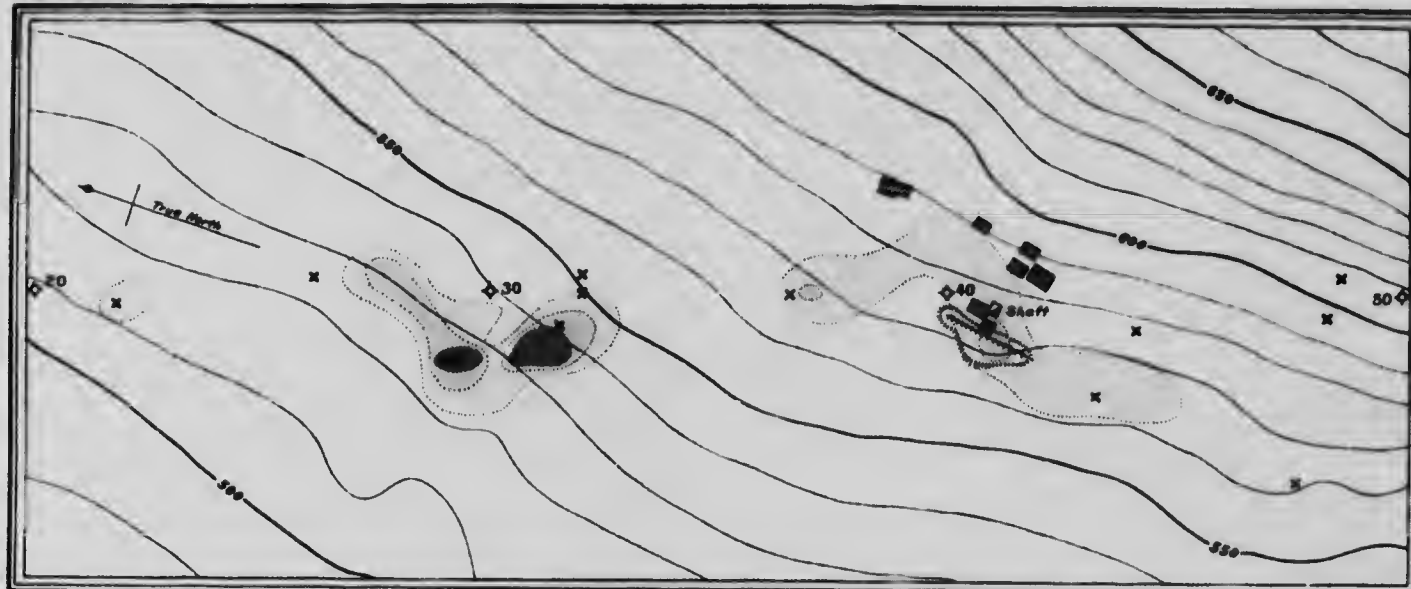
- LEGEND**
- Roads
 - ◇ Reference posts
 - Diamond drill-hole
 - × Test pits
 - Shafts
 - Open-cuts and Trenches
 - ~ Swamp
 - Contours, interval 10 feet
 - ~ Elevation above sea-level
 - ~ Mine dumps

McPherson Mine, Barachois, Cape Breton county, Nova Scotia
 Scale, 200 feet to 1 inch

Surveyed by
 A. H. A. Robinson, 1913

Canada
DEPARTMENT OF MINES
 HON. LOUIS CORDERRE, MINISTER, R.W. BROCK, DEPUTY MINISTER.
MINES BRANCH
 EUGENE HAAREL, Ph.D., DIRECTOR

MAGNETOMETRIC MAP



LEGEND

- Isodynamic lines of the vertical magnetic intensity
- Positive Intensity
- | | | |
|--|-----------------------------|-----------|
| | Magnetic attraction between | 20° - 40° |
| | " | 10° - 20° |
| | " | 0° - 10° |
- Negative Intensity
- | | | |
|--|-----------------------------|---------|
| | Magnetic attraction between | 0° - 5° |
|--|-----------------------------|---------|
- Constant of Instrument = 1.2 H
- Magnetic declination about 24° 30' west

Iron Ore Deposits at Upper Glencoe, Inverness county, Nova Scotia
 Scale, 200 feet to 1 inch

Surveyed by E. Lindeman, 1911

LEGEND

- Buildings
- Reference posts
- Test pits
- Contours, interval 10 feet elevations above sea-level (approx.)
- Mine tramway and dump

312

MAGNETOMETRIC MAP



Iron Ore Deposit at Grand Mira, Cape Breton county, N.S.
Scale, 200 feet to 1 inch

MINES

DEPUTY MINISTER
CH
18700



LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

Magnetic attraction between $20^{\circ} - 30^{\circ}$

$10^{\circ} - 20^{\circ}$

" $0^{\circ} - 10^{\circ}$

Negative Intensity

between $0 - - 5$

Constant of instrument = 1.2 H

Magnetic declination about $24^{\circ} 39'$ west

LEGEND

Buildings

Reference posts

Shafts

Open pits and Trenches

Contours, interval 10 feet
Elevations above sea-level

Outcrop of Slate

on county, Nova Scotia

Surveyed by A. H. A. Robinson, 1913

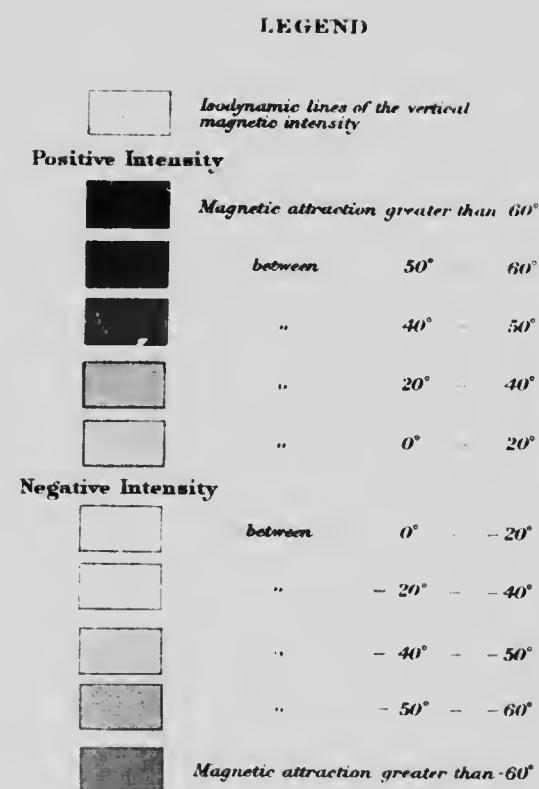
MS 1563
1563

CANADA
DEPARTMENT OF
MINES BRANCH

HON. L. CODERRE, MINISTER, R.G. MC CONNELL
EUGENE HAANEL, PH.D.D.

1915

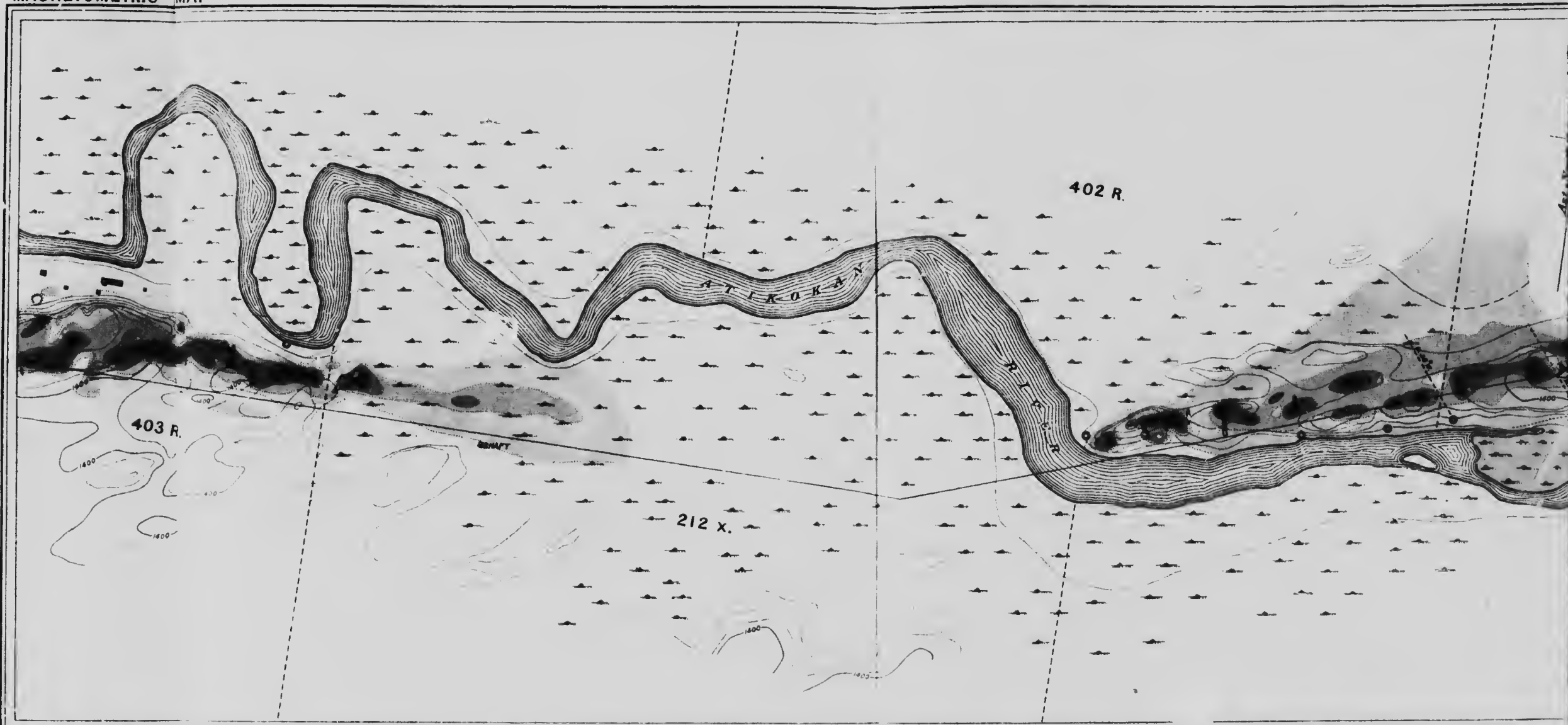
MAGNETOMETRIC MAP



Constant of Instrument = 1.0 H

Magnetic declination about 6° East

Joint sheet No 342



H.E. Baird, Chief Draughtsman
L.H.S. Perre, Draughtsman



Scale 25 miles to 1 inch

ATIKOKAN IRON-BEARING

CLAIMS 400 R., 401 R., 402 R.

RAINY RIVER DISTRICT
ONTARIO

Scale 4800 : 400 F



CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON. L. CODERRE, MINISTER, P. G. M. HUNNILL, DEPUTY MINISTER,
EUGENE HAANEL, PH.D. REGION
1915

SHEET 1



LEGEND

- Trails and buildings
- Corner posts and claim boundaries
- Claim boundaries, not well defined
- 400 R. Claim numbers
- Railways
- Bridges
- Diamond drill hole
- Shafts
- Tunnels
- Open cuts and trenches
- Streams
- Swamps
- Contours, interval 10 feet
Elevation above sea level
- Mine dumps

Contours showing heights above sea level
based on elevation taken from C.N.R.

341

ATIKOKAN IRON-BEARING DISTRICT

CLAIMS 400 R., 401 R. 402 R. 212 X AND 403 R.

RAINY RIVER DISTRICT
ONTARIO

Scale 4800 100 Feet to 1 inch



Surveyed by
E. Lindeman 1914.
Assisted by M. Meikle
H. Kennedy.



1125

CANADA
DEPARTMENT OF
MINES BRANCH

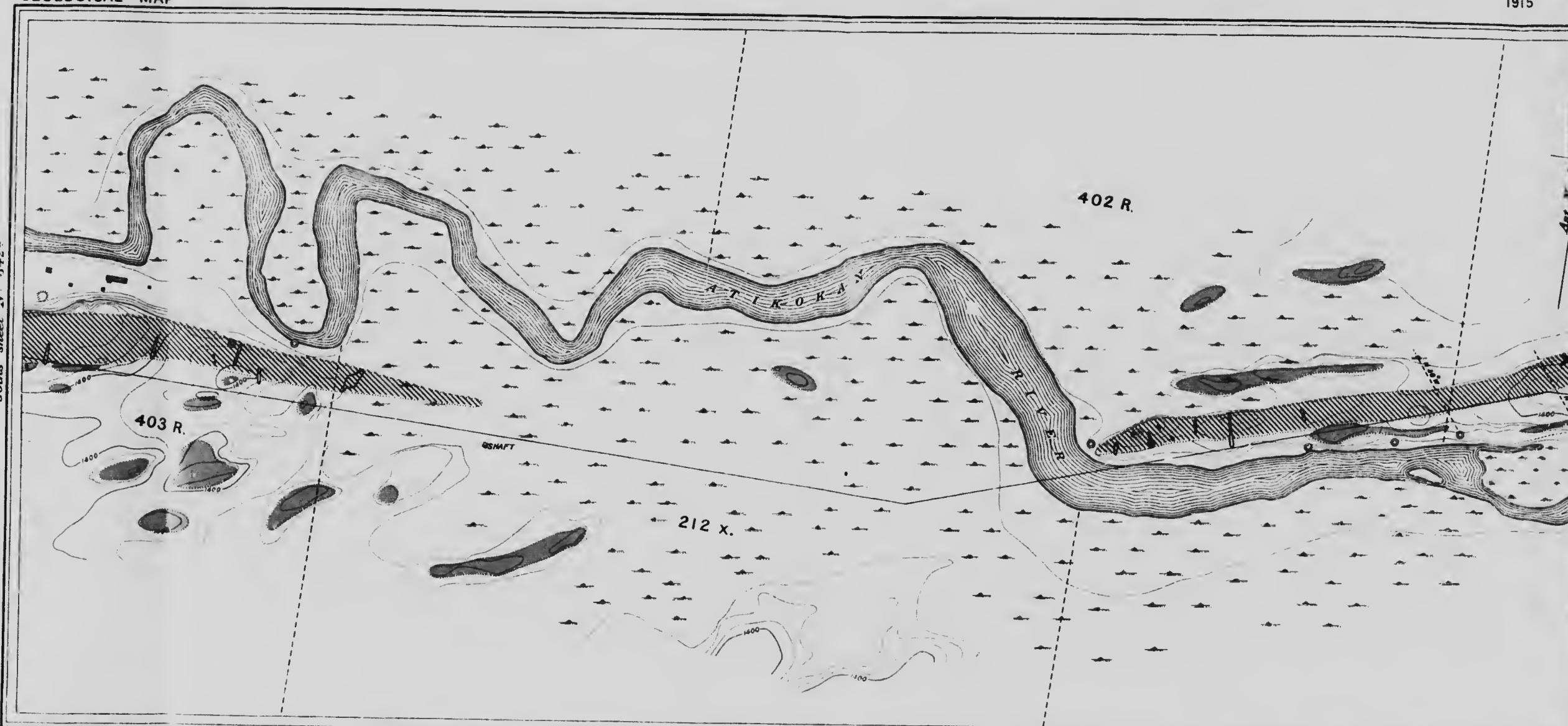
HON L. CODERRE, MINISTER, P.G.M.C. CON.
EUGENE HAANEL, PH.D.D.
1915

GEOLOGICAL MAP

LEGEND

-  Drift
-  Green schists, diorite, porphyrite etc.
-  Area within which magnetite and pyrrhotite are likely to occur, indicated by magnetometric survey

Join sheet No 3424



H.F. Baine, Chief Draughtsman
L.H.S. Pereira, Draughtsman



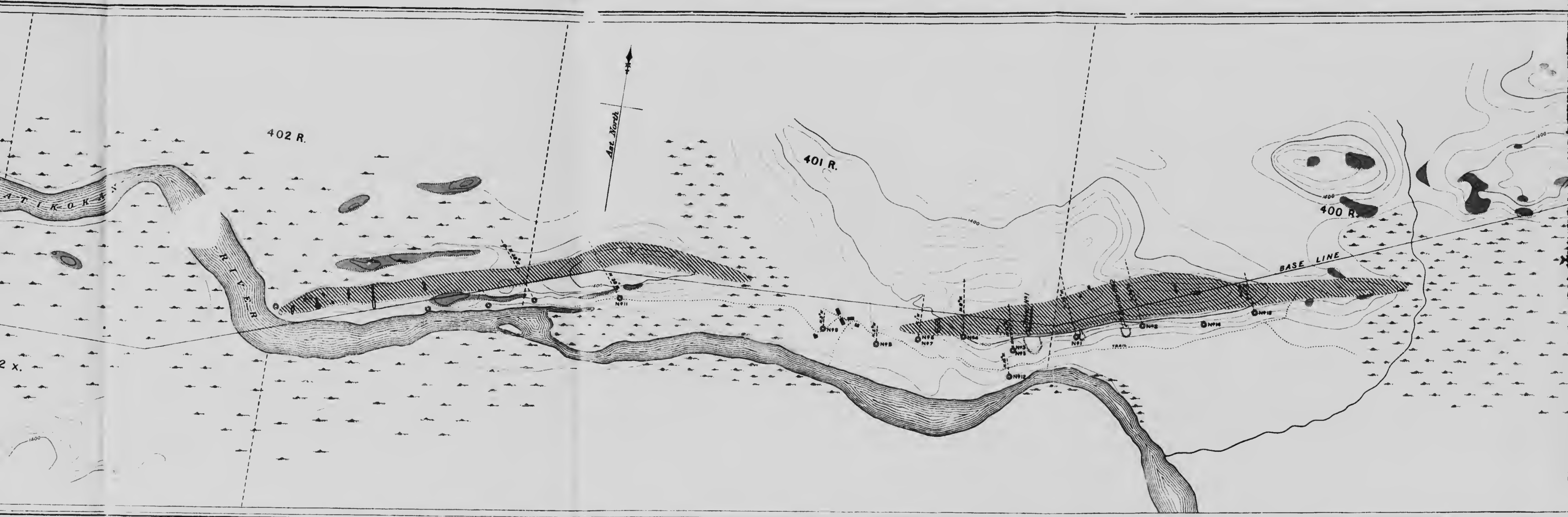
ATIKOKAN IRON-BEAM

CLAIMS 400 R., 401 R. 402 R.,
RAINY RIVER DISTRICT
ONTARIO

Scale 1" = 400 Feet



CANADA
 DEPARTMENT OF MINES
 MINES BRANCH
 HON. L. CODERRE, MINISTER, R. G. V. CONNELL, DEPUTY MINISTER.
 EUGENE HAANEL, PH.D. DIRECTOR
 1915



ATIKOKAN IRON-BEARING DISTRICT
 CLAIMS 400 R., 401 R., 402 R., 212 X AND 403 R.
RAINY RIVER DISTRICT
ONTARIO

Scale $\frac{1}{4800}$: 400 Feet to 1 inch
 400 300 200 100 0 400 800 1200

E. Lindeman 1914.



CANADA

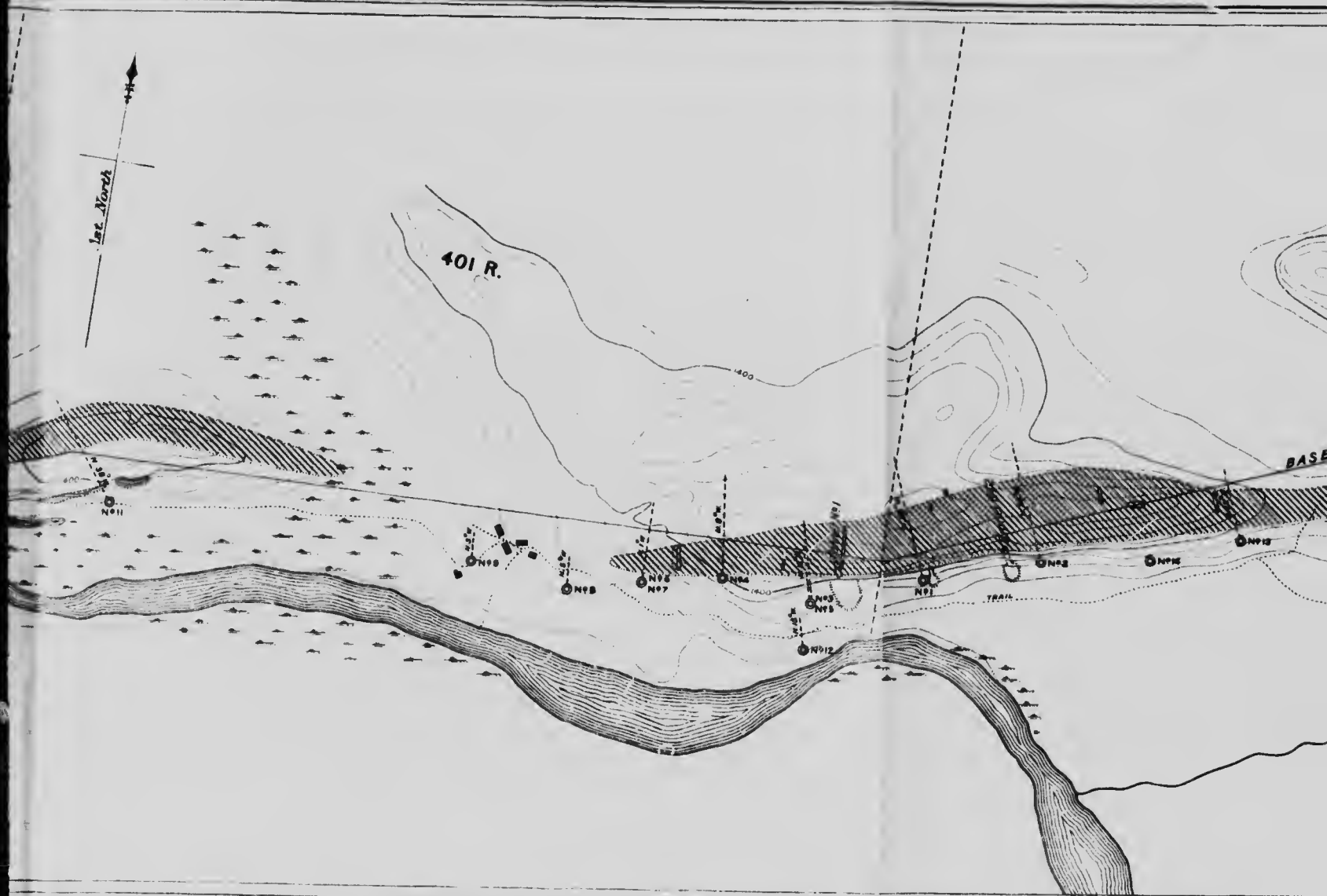
DEPARTMENT OF MINES

MINES BRANCH

R. G. V. CONNELL, DEPUTY MINISTER.

JOHN L. H. D. DIRECTOR

1915



BEARING DISTRICT

402 R., 212 X AND 403 R.

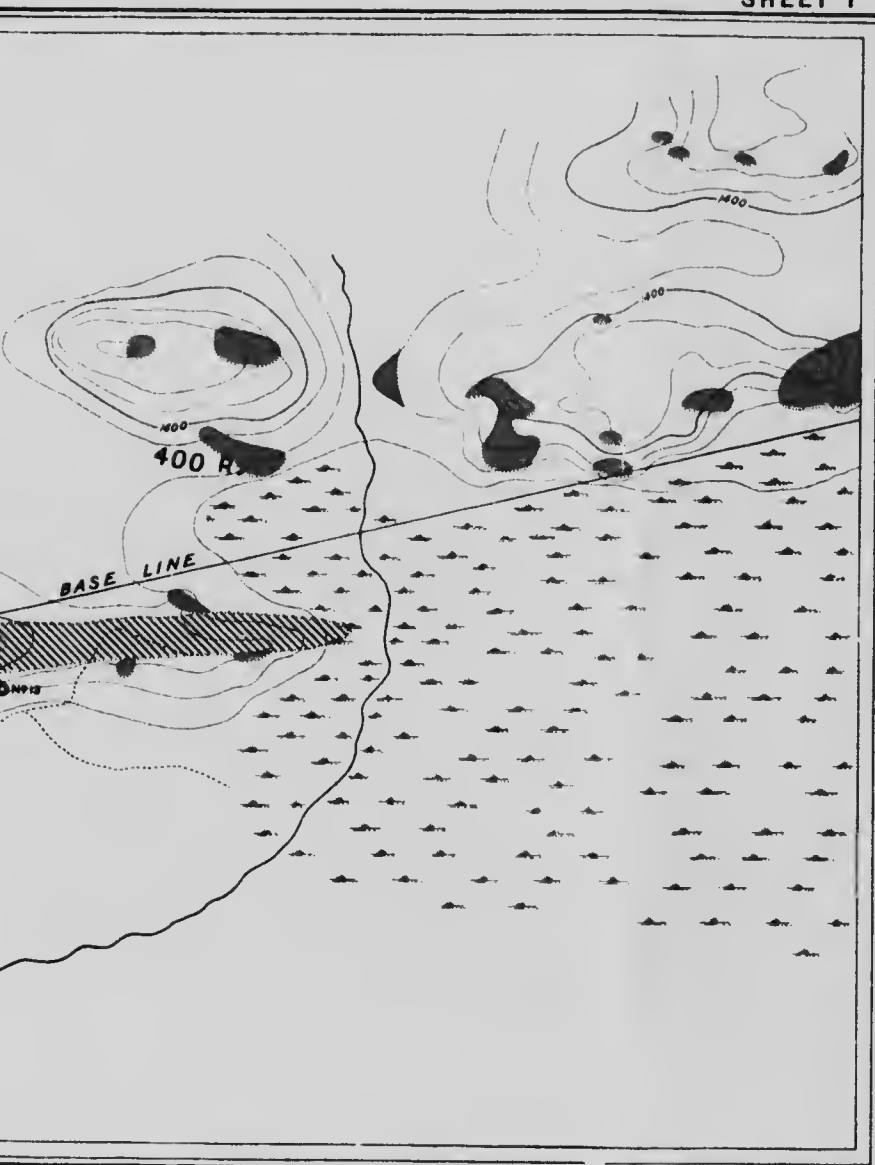
R DISTRICT

ARIO

400 Feet to 1 inch

400 800 1200

SHEET 1



LEGEND

-  Trails and buildings
-  Corner posts and claim boundaries
-  Claim boundaries, not well defined
-  Claim numbers
-  Railways
-  Bridges
-  Diamond drill-hole
-  Shafts
-  Tunnels
-  Open cuts and trenches
-  Streams
-  Swamps
-  Contours, interval 10 feet
Elevation above sea-level
-  Mine dumps

Contours showing heights above sea-level
based on elevation taken from C.N.R.

15182
D.M.P.

LEGEND



Isodynamic lines of the vertical magnetic intensity

Positive Intensity



Magnetic attraction greater than 60°



between 50° - 60°



" 40° - 50°



" 20° - 40°



" 0° - 20°

Negative Intensity



between 0° - -20°



" -20° - -40°



" -40° - -50°



" -50° - -60°



Magnetic attraction greater than -60°

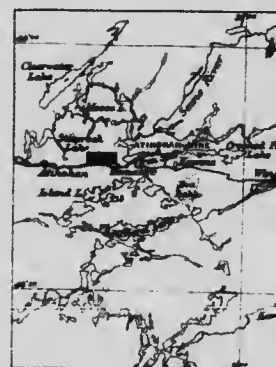
Constant of Instrument = 1.0 H

Magnetic declination about 6° East

MAGNETOMETRIC MAP

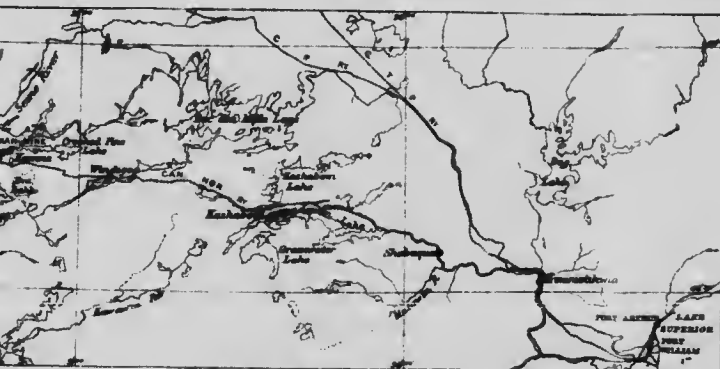


*H.E. Baine, Chief Draughtsman.
L.H.S. Pereira, Draughtsman*



CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON L. CODERRE, MINISTER; R. G. M. CONNELL,
EUGENE HAANEL, PH. D. DIRECTOR
1915



Scale: 25 miles to 1 inch

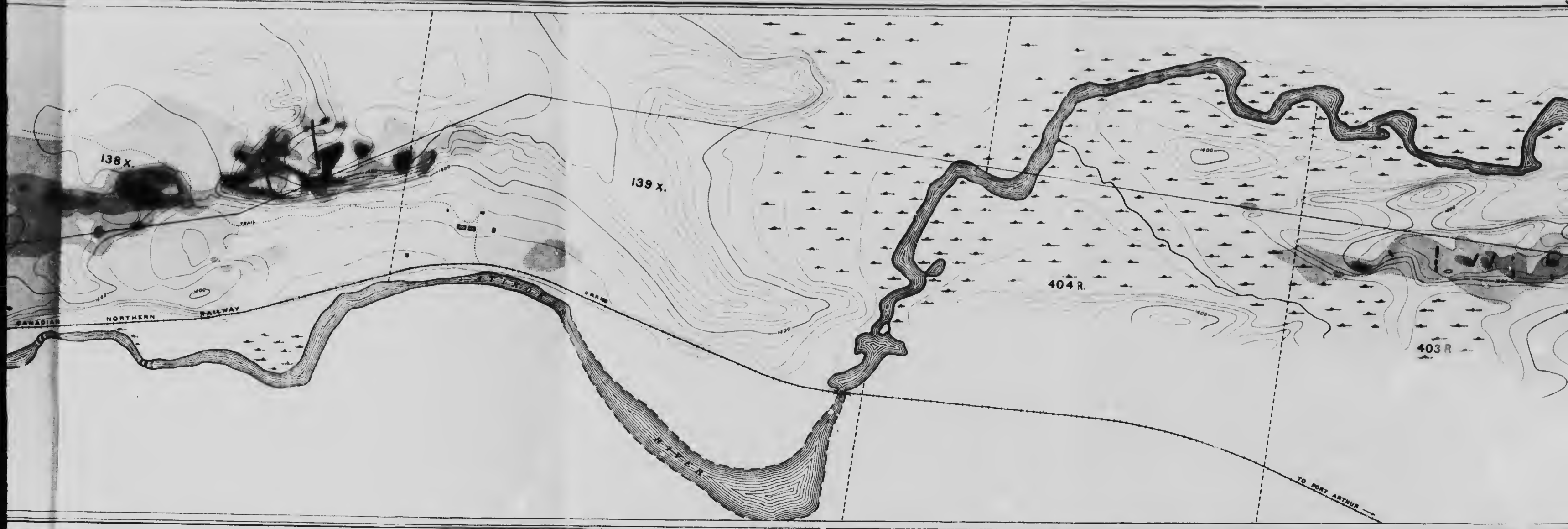
ATIKOKAN IRON BEAR
CLAIMS 403 R., 404 R., 139X., 138
RAINY RIVER DISTRICT
ONTARIO

Scale $\frac{1}{4800}$: 400 Feet to

400 300 200 100 0 400

CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON. L. CODERRE, MINISTER; R. G. MCCONNELL, DEPUTY MINISTER.
EUGENE HAANEL, PH. D., DIRECTOR
1915



ATIKOKAN IRON BEARING DISTRICT

CLAIMS 403 R., 404 R., 139X., 138X AND 140X.

**RAINY RIVER DISTRICT
ONTARIO**

Scale $\frac{1}{4800}$: 400 Feet to 1 inch

400 300 200 100 0 400 800 1200

Surveyed by
E. Lindeman 1914.
Assisted by M. Meikle
H. Kennedy

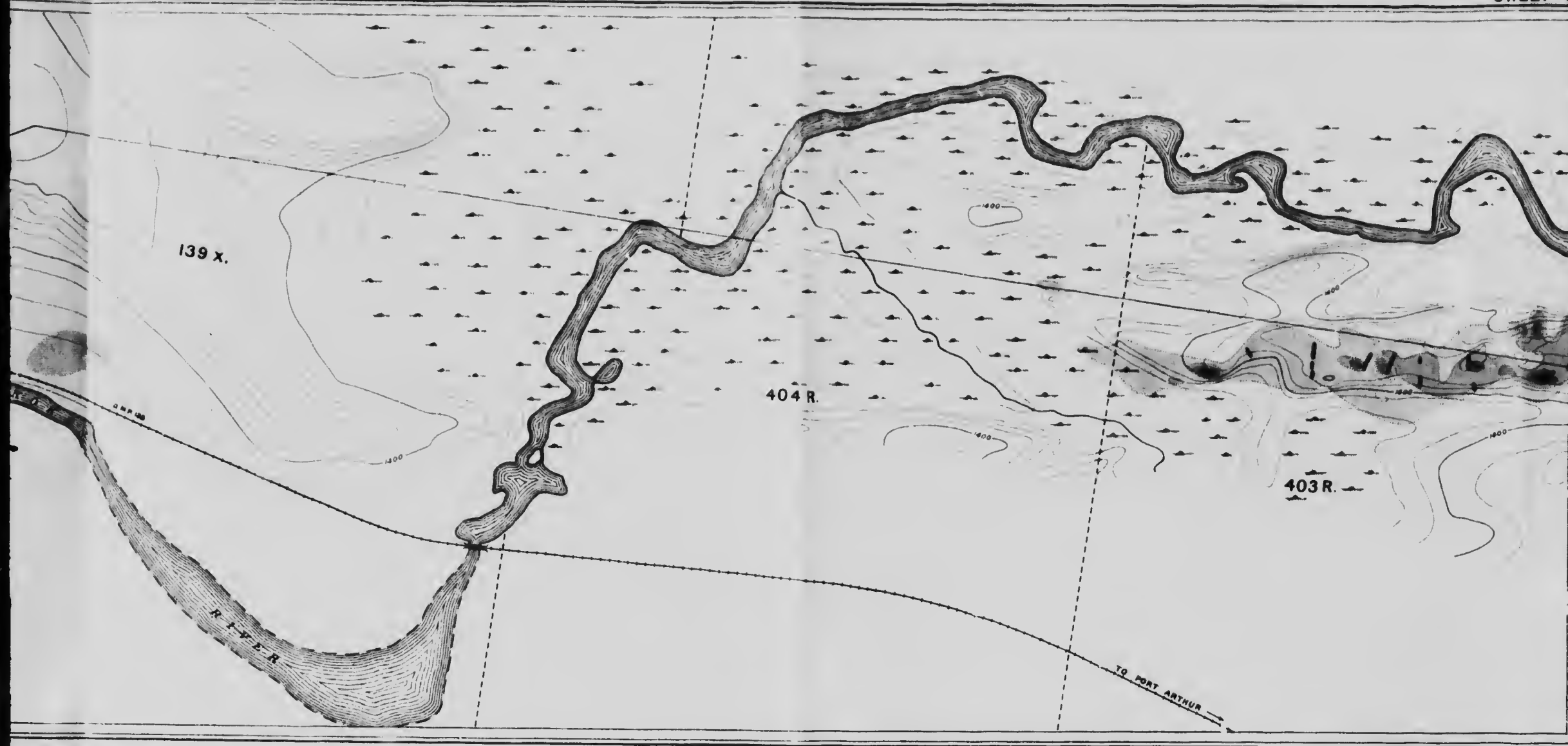


CANADA
DEPARTMENT OF MINES
SOUTH BRANCH

R.G. McCONNELL, DEPUTY MINISTER
N.E.L. PH.D., DIRECTOR
1915

SHEET 2

SHEET 2



LEGEND

- Trails and buildings
- Corner posts and claim boundaries
- Claim boundaries, not well marked
- Claim numbers
- Railways
- Bridges
- Diamond drill hole
- Shafts
- Tunnels
- Open cuts and trenches
- Swamps
- Contours, interval 10 feet
- Elevation above sea level
- Mine dumps

Contours showing heights above sea level
based on elevation taken from C.N.R.

BEARING DISTRICT

R., 139X, 138X AND 140X.

ER DISTRICT

CARIO

400 Feet to Inch

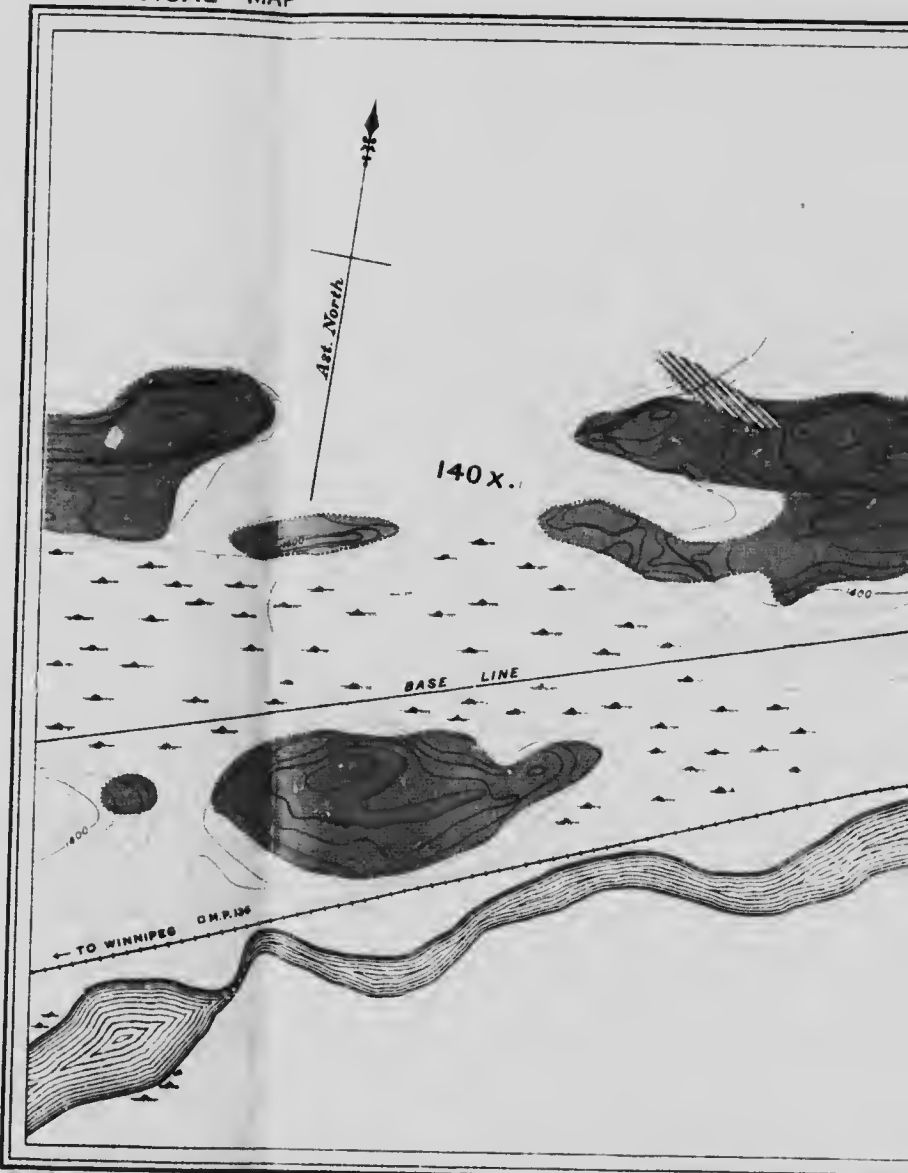
400 800 1200

Surveyed by
E. Lindeman 1914.
Assisted by M. Maikle
H. Kennedy

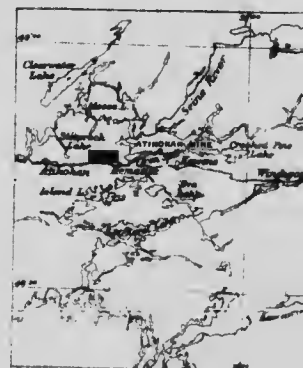
GEOLOGICAL MAP

LEGEND

-  *Drift*
-  *Green schists, diorite, porphyrite etc.*
-  *Area within which magnetite and pyrrhotite are likely to occur, indicated by magnetometric survey*

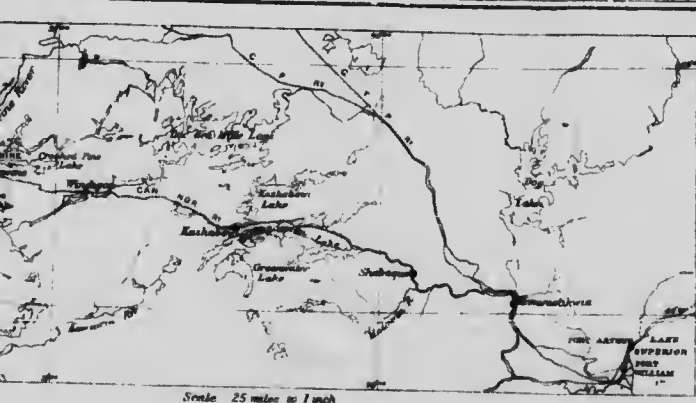
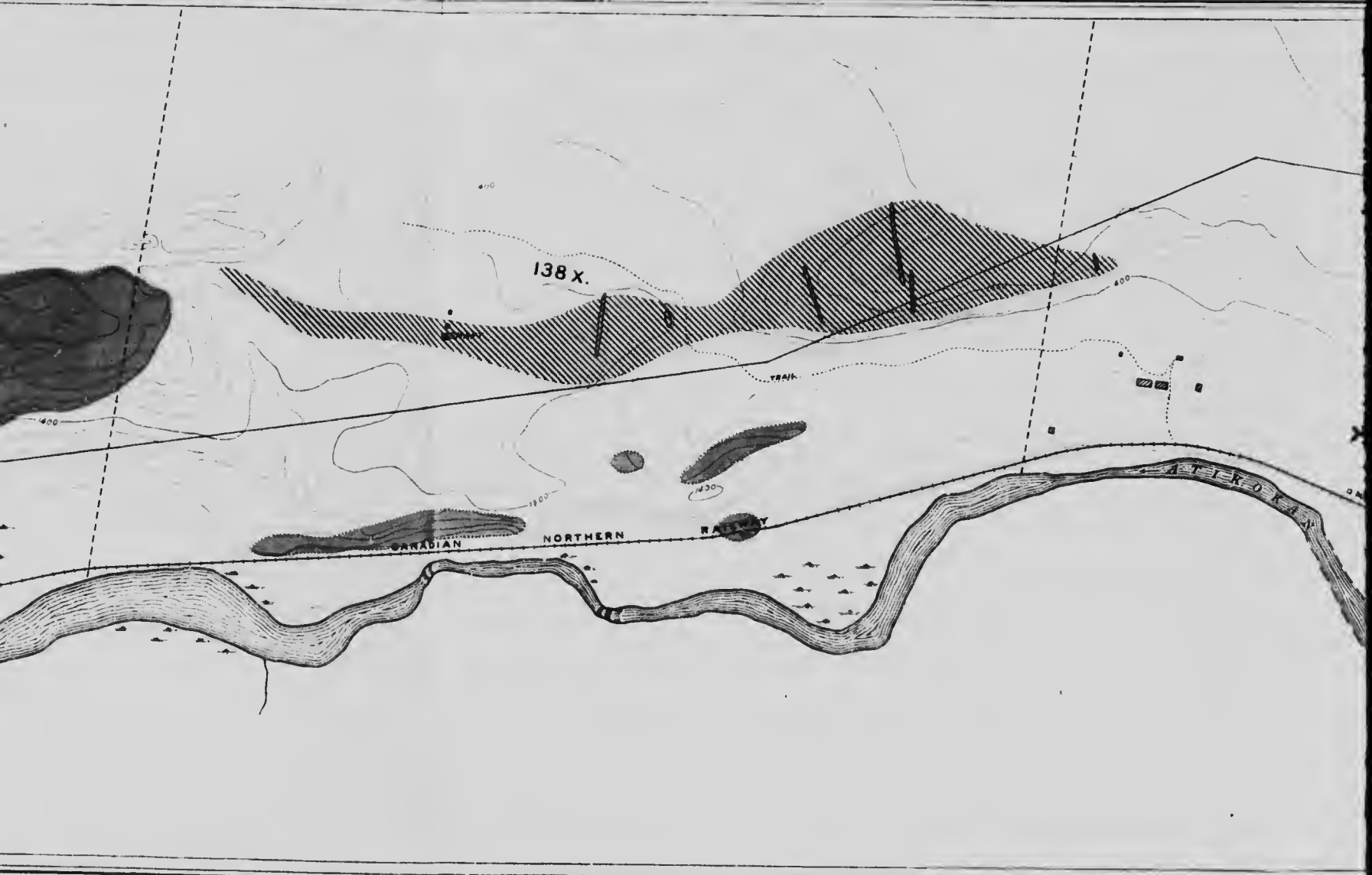


H.E. Baird, Chief Draughtsman.
L.H.S. Pereira, Draughtsman.



CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON L. CODERRE, MINISTER. R.G. McCONNELL, D.
EUGENE HAANEL, PH.D DIRECTOR
1915

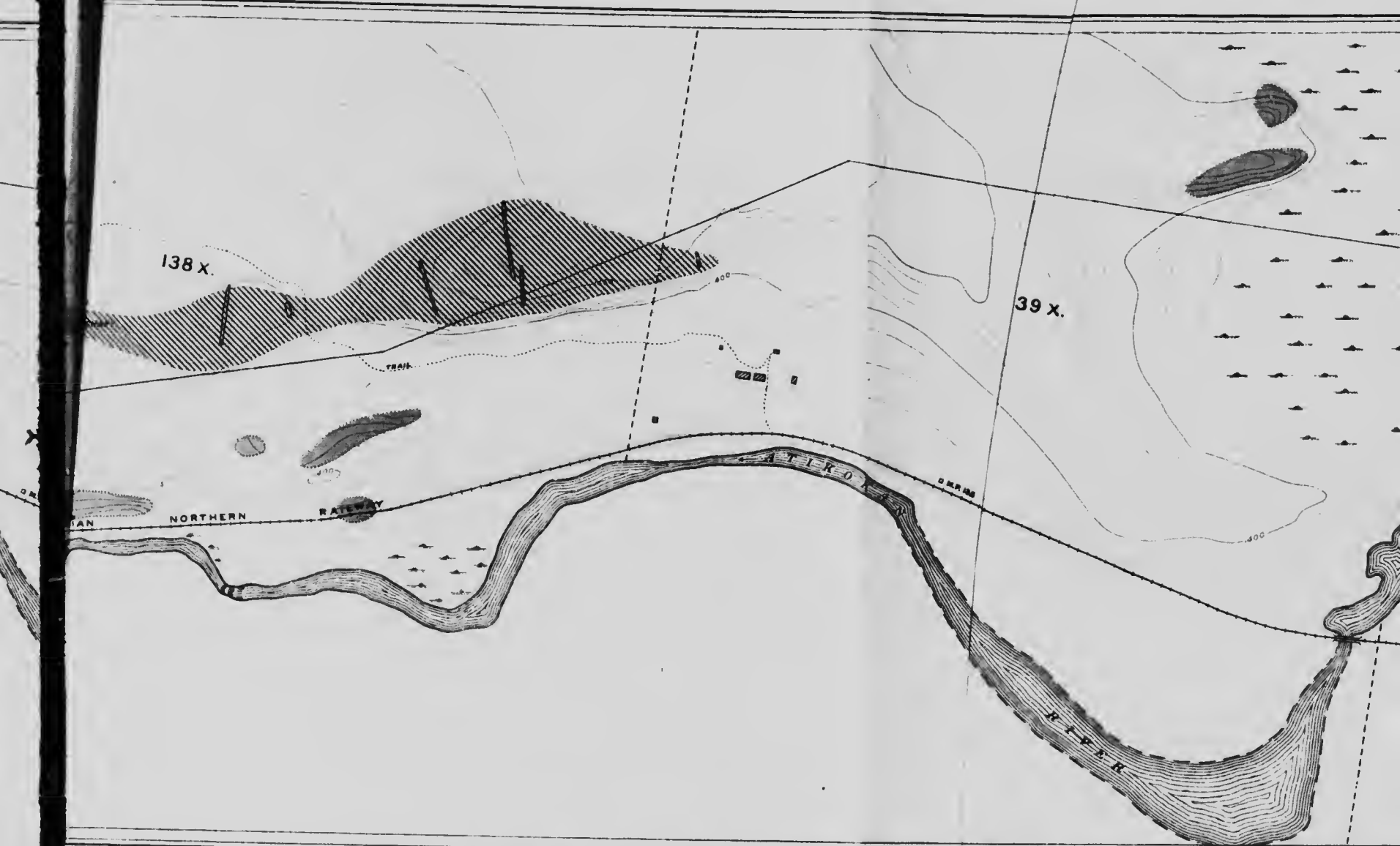


ATIKOKAN IRON BEARING
CLAIMS 403 R., 404 R., 139X., 138X.
RAINY RIVER DISTRICT
ONTARIO

Scale $\frac{1}{4800}$: 400 Feet to
400 300 200 100 0 400

CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON L. CODERRE, MINISTER, R. G. McCONNELL, DEPUTY MINISTER.
EUGENE HAANEL, PH.D., DIRECTOR
1915

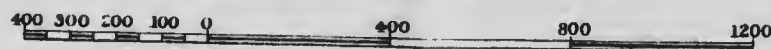


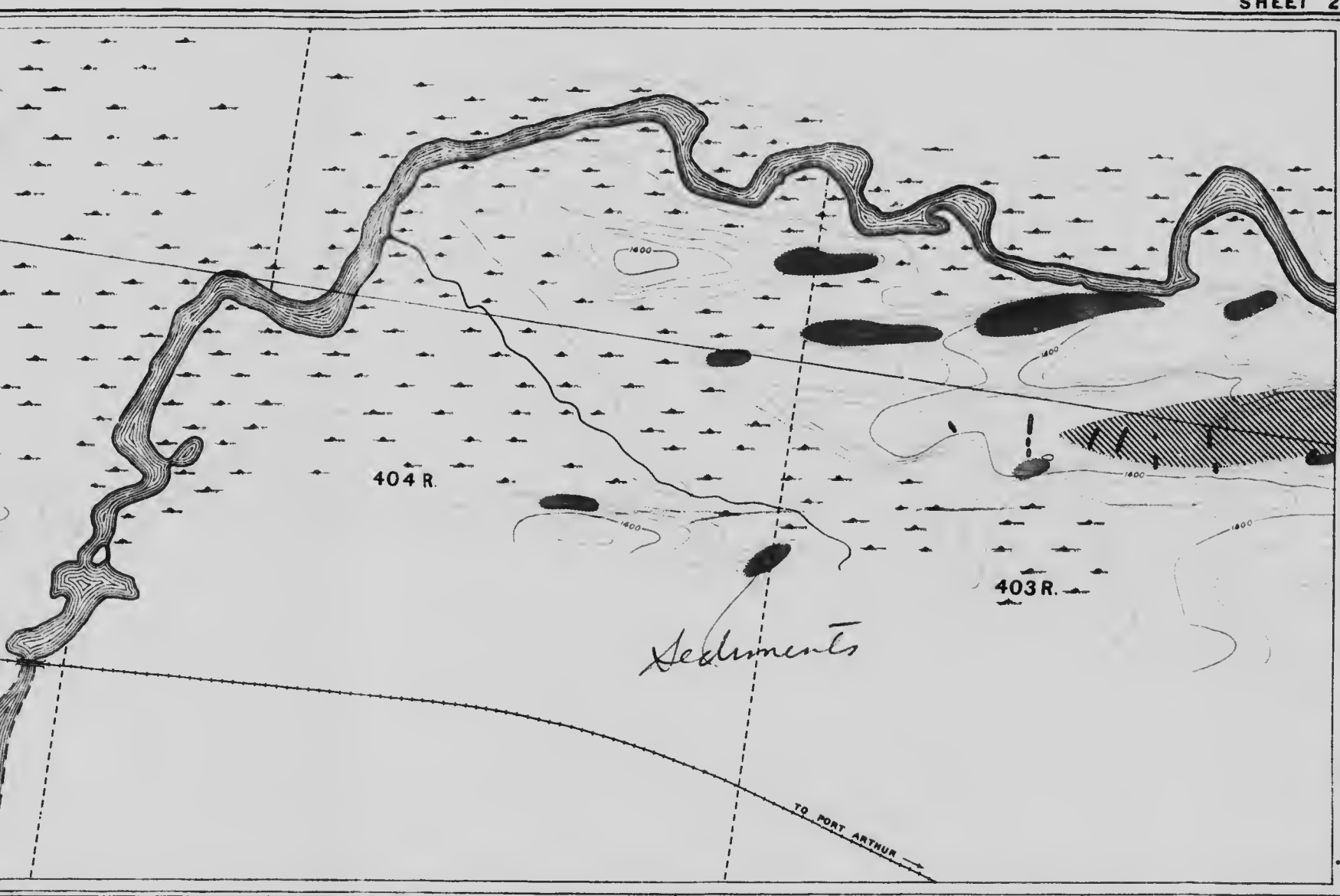
ATIKOKAN IRON BEARING DISTRICT

CLAIMS 403 R., 404 R., 139X., 138X AND 140X.

RAINY RIVER DISTRICT
ONTARIO

Scale $\frac{1}{4800}$: 400 Feet to 1 inch





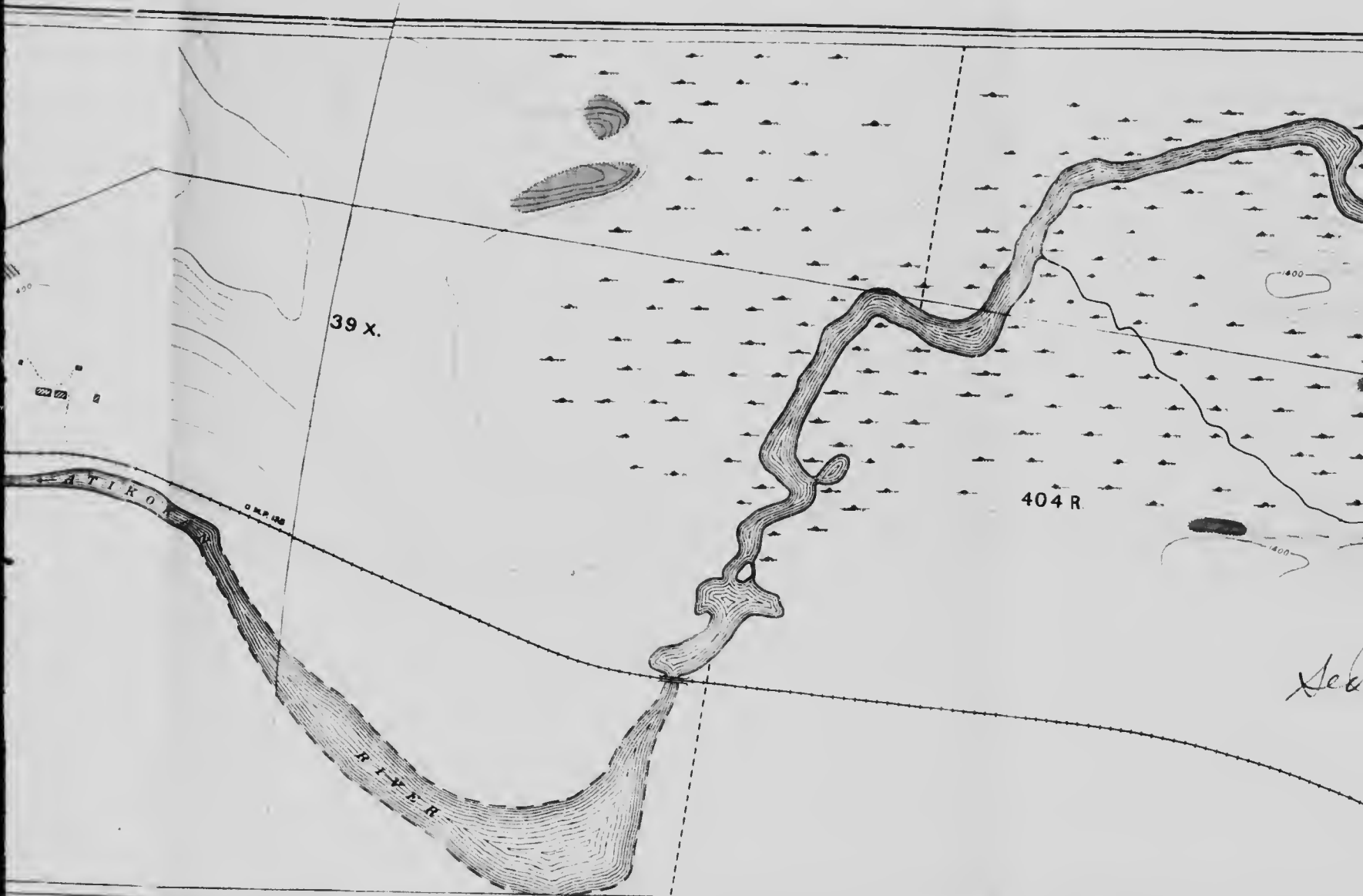
Joins Sheet No 347A

Contours
based on

342A

E. Lindeman 1914.

CANADA
 DEPARTMENT OF MINES
 MINES BRANCH
 MINISTER R. J. V. CONNELL, DEPUTY MINISTER.
 EUGENE HAANEL, P. H. D., DIRECTOR
 1915

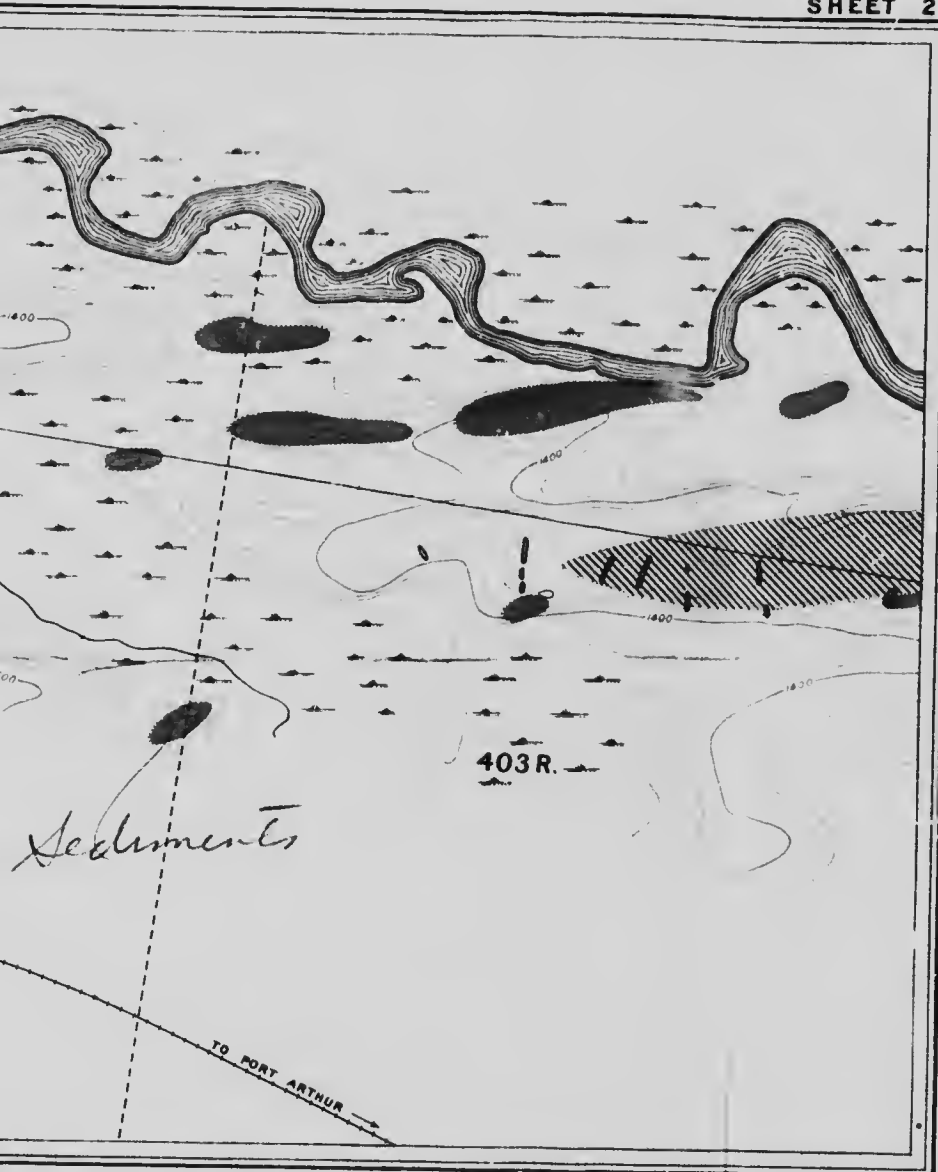


IRON BEARING DISTRICT
 403 R., 404 R., 139 X., 138 X. AND 140 X.
 ATIKOKAN RIVER DISTRICT
 ONTARIO

$\frac{1}{4800}$: 400 Feet to 1 inch

400 800 1200

SHEET 2



LEGEND

- | | |
|--|---|
| | Trails and buildings |
| | Corner lots and claim boundaries |
| | Claim boundaries, not well defined |
| | 404R numbers |
| | Railways |
| | Bridges |
| | Dian and drill-hole |
| | Shafts |
| | Tunnels |
| | Open cuts and trenches |
| | Streams |
| | Swamps |
| | Contours, interval 10 feet
Elevation above sea level |
| | Mine dumps |

Contours showing heights at sea-level
based on elevation taken from N.R.

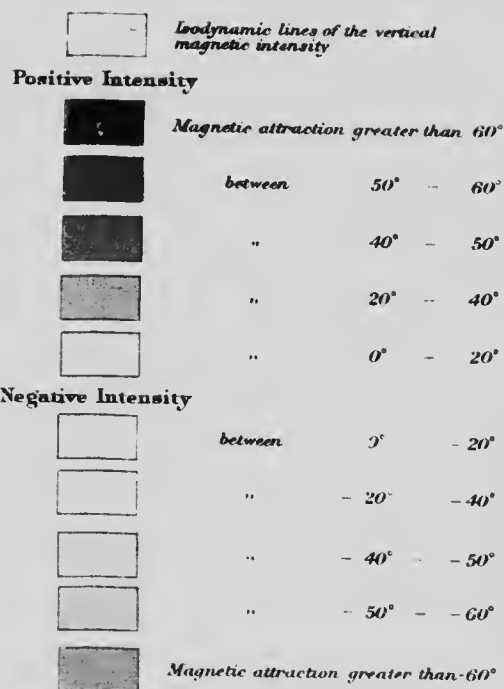
E. Lindeman 1914.

342

*Return to
J. P. Hawley*

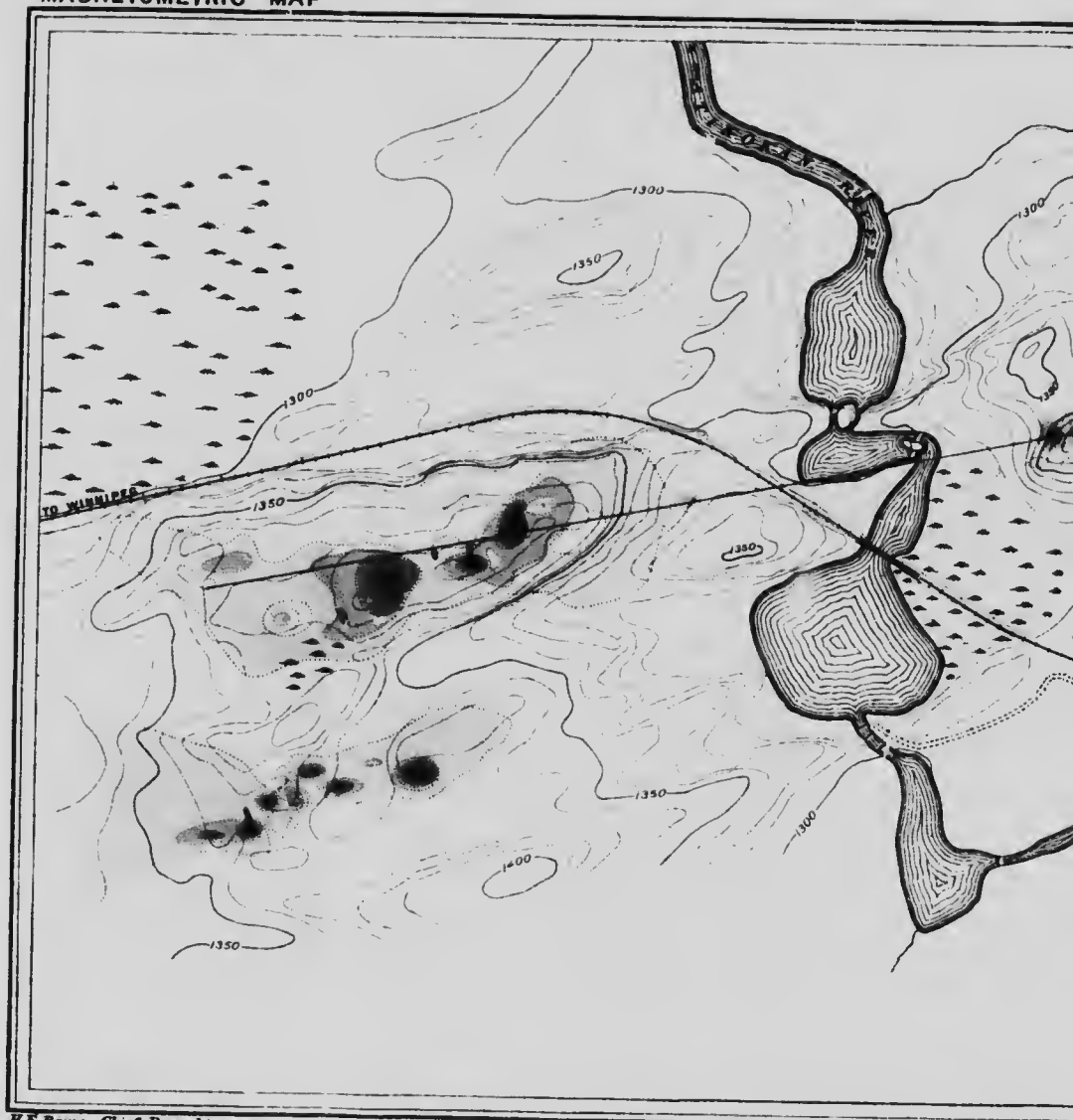
MAGNETOMETRIC MAP

LEGEND



Constant of Instrument — 1.0 H

Magnetic declination about 6° East



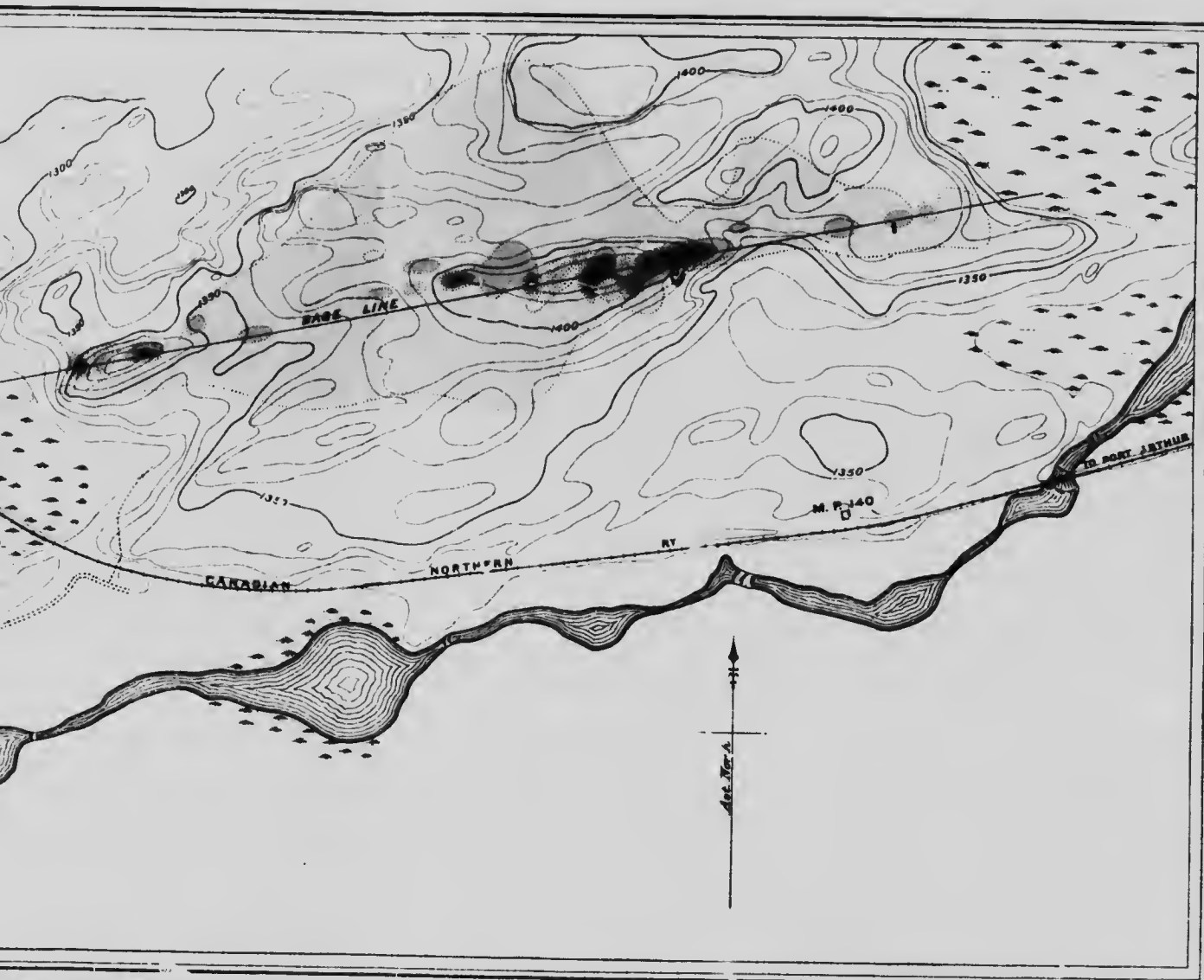
H.E. Baure, Chief Draughtsman
D. Westwood, Draughtsman

ATIKOKAN IR
MILE POST 140,
RAINY

Scale
400 200 100 50

CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON L. CODERRE, MINISTER, R. G. McCONNELL, DEPUTY MINISTER.
EUGENE HAANEL, PH. D. DIRECTOR
1915



LEGEND

-  Road and Trail
-  Railways
-  Bridges
-  Trenches and Strippings
-  Streams
-  Swamps
-  Contours, interval 10 feet
Elevation above sea-level
-  Mine dumps

Contours showing heights above sea-level
based on elevation taken from C.N.R.

AN IRON-BEARING DISTRICT
POST 140, CANADIAN NORTHERN RAILWAY
RAINY RIVER DISTRICT
ONTARIO

Surveyed by E. Lindeman, 1914
Assisted by M. Meikle

343

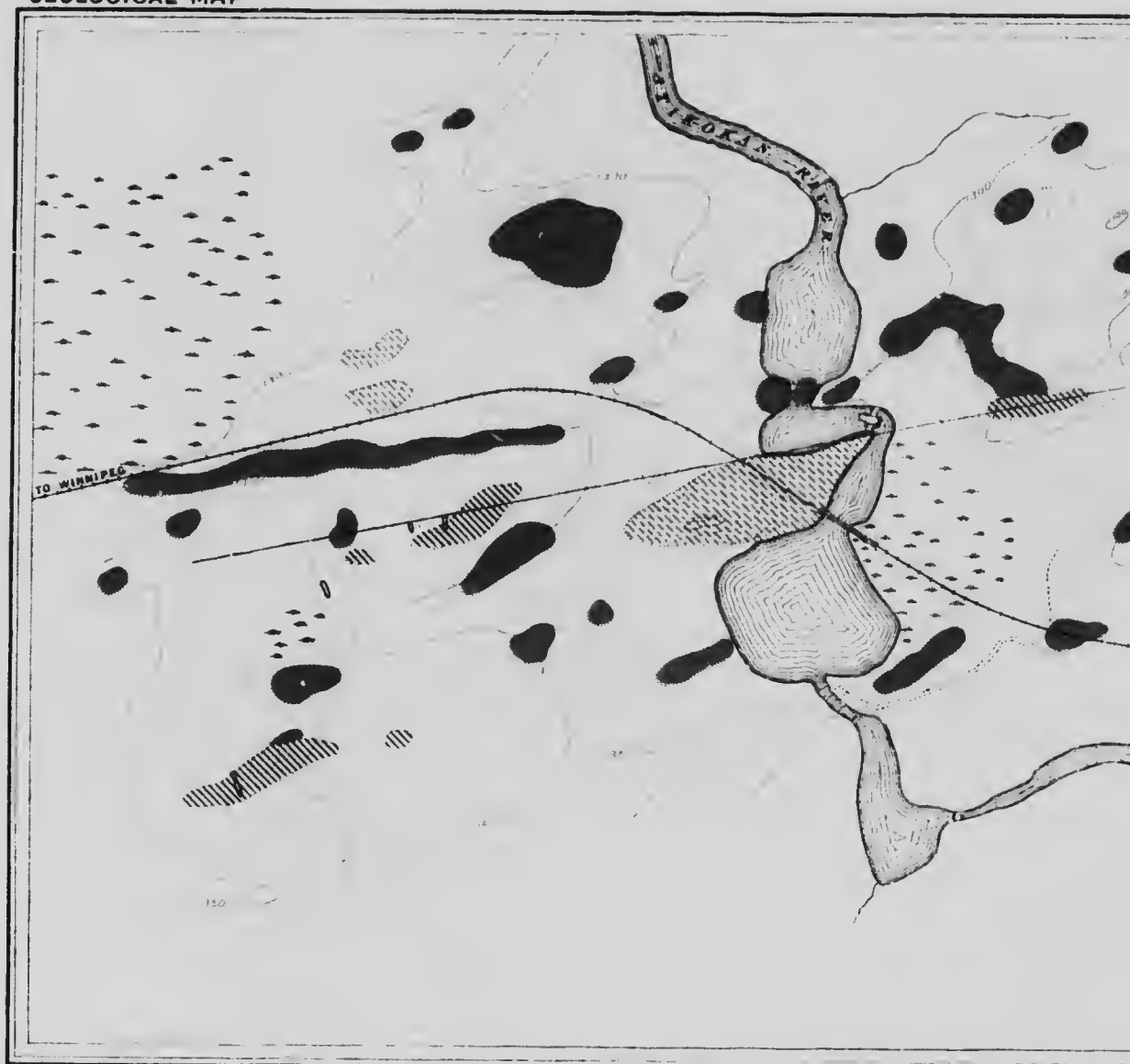
Scale 3000 : 400 Feet to inch



GEOLOGICAL MAP

LEGEND

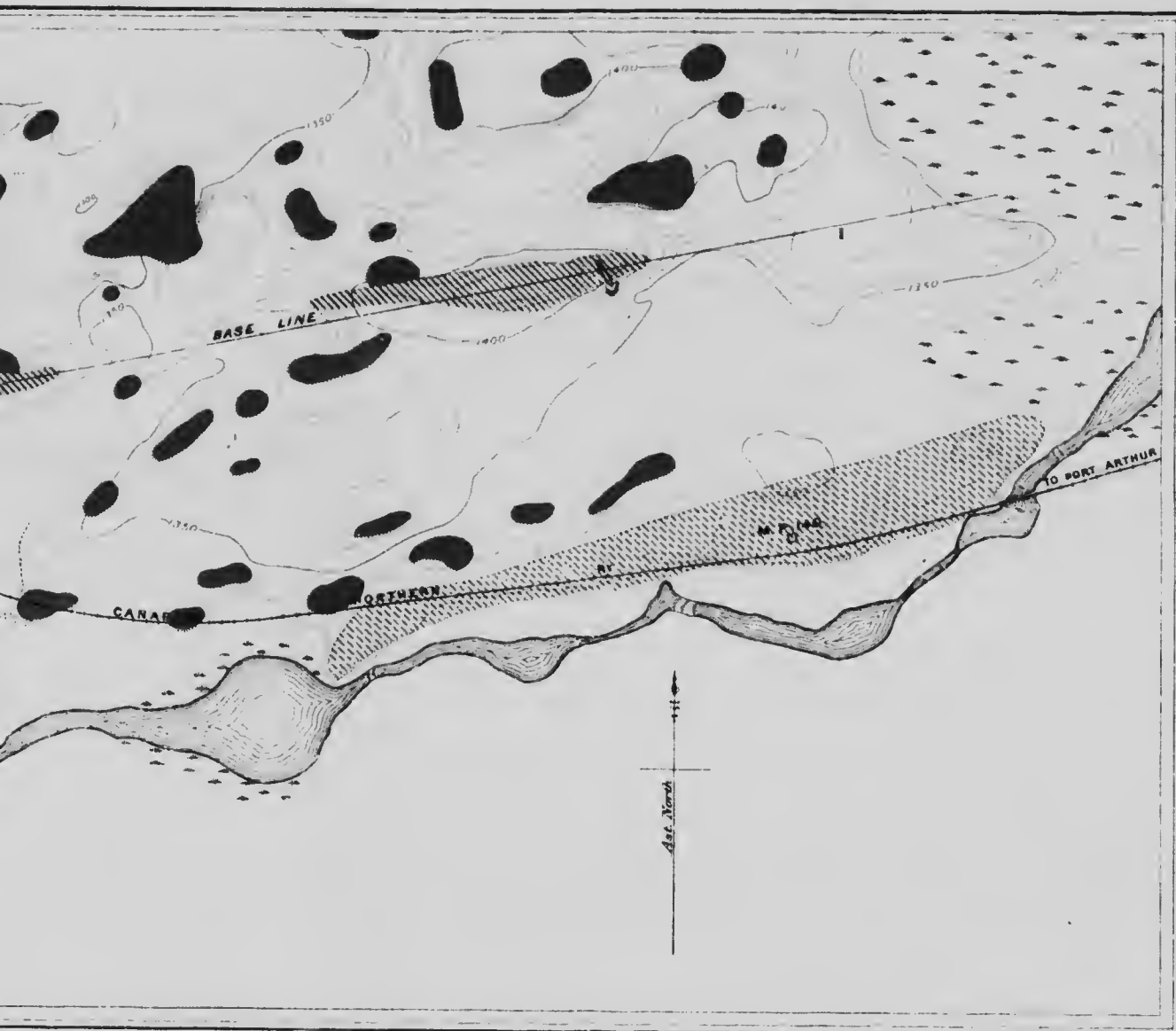
-  Drift
-  Diorite, porphyrite etc.
-  Chlorite and sericitic schists
-  Area within which magnetite and pyrrhotite are likely to occur, indicated by magnetometric survey



H.E. Baue, Chief Draughtsman
D. Westwood, Draughtsman

ATIKOKAN IRON-BELT
MILE POST 140, CANADIAN
RAINY RIVER
ONTARIO

Scale 4000 feet
400 300 200 100 0



LEGEND

-  Road and Trail
-  Railways
-  Bridges
-  Trenches and Strippings
-  Streams
-  Swamps
-  Contours, interval 10 feet
Elevation above sea level
-  Mine dumps

Contours showing heights above sea level
 based on elevation taken from U.S. R.

ON-BEARING DISTRICT
 CANADIAN NORTHERN RAILWAY
 RIVER DISTRICT
 ONTARIO

F. Lindeman, 1914

343A

Scale 400 Feet to 1 inch
 0 400 800

CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON P. E. BLONDIN, MINISTER; R. G. McCONNELL, DEPUTY MINISTER
EUGENE HAANEL, PH. D. DIRECTOR

1916

MAGNETOMETRIC MAP

LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity

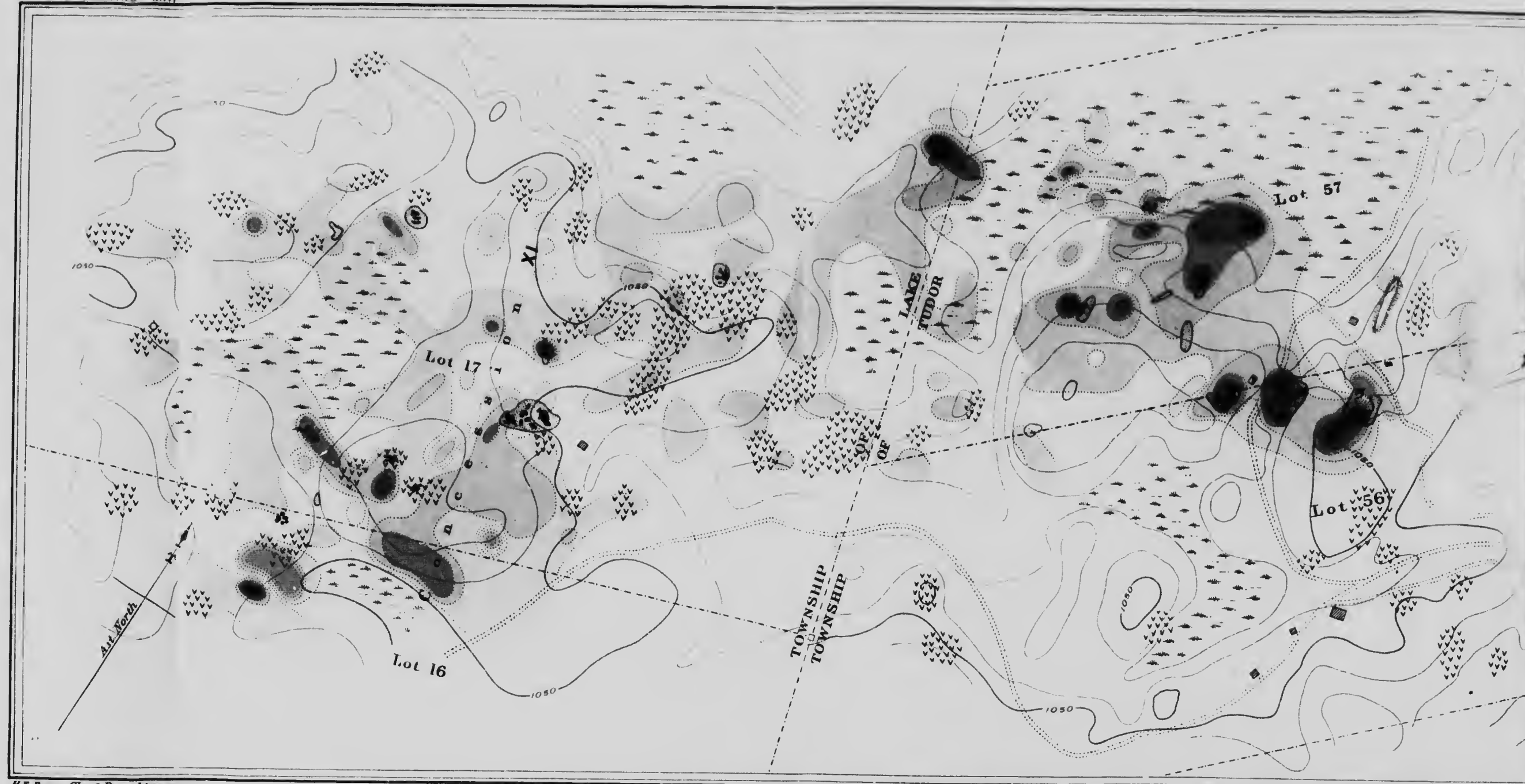
	Magnetic attraction greater than 60°
	between 50° - 60°
	" 40° - 50°
	" 20° - 40°
	" 0° - 20°

Negative Intensity

	between 0° - -20°
	" -20° - -40°
	" -40° - -50°
	" -50° - -60°
	Magnetic attraction greater than -60°

Constant of Instrument

Magnetic declination 8° 45' . . . pro'



H. E. Baue, Chief Draughtsman
D. Westwood, Draughtsman

ORTON MINE AND VICINITY
HASTINGS COUNTY
ONTARIO

Surveyed by A.H.A. Robinson, 1915

Scale: 1 inch = 200 Feet to Linch

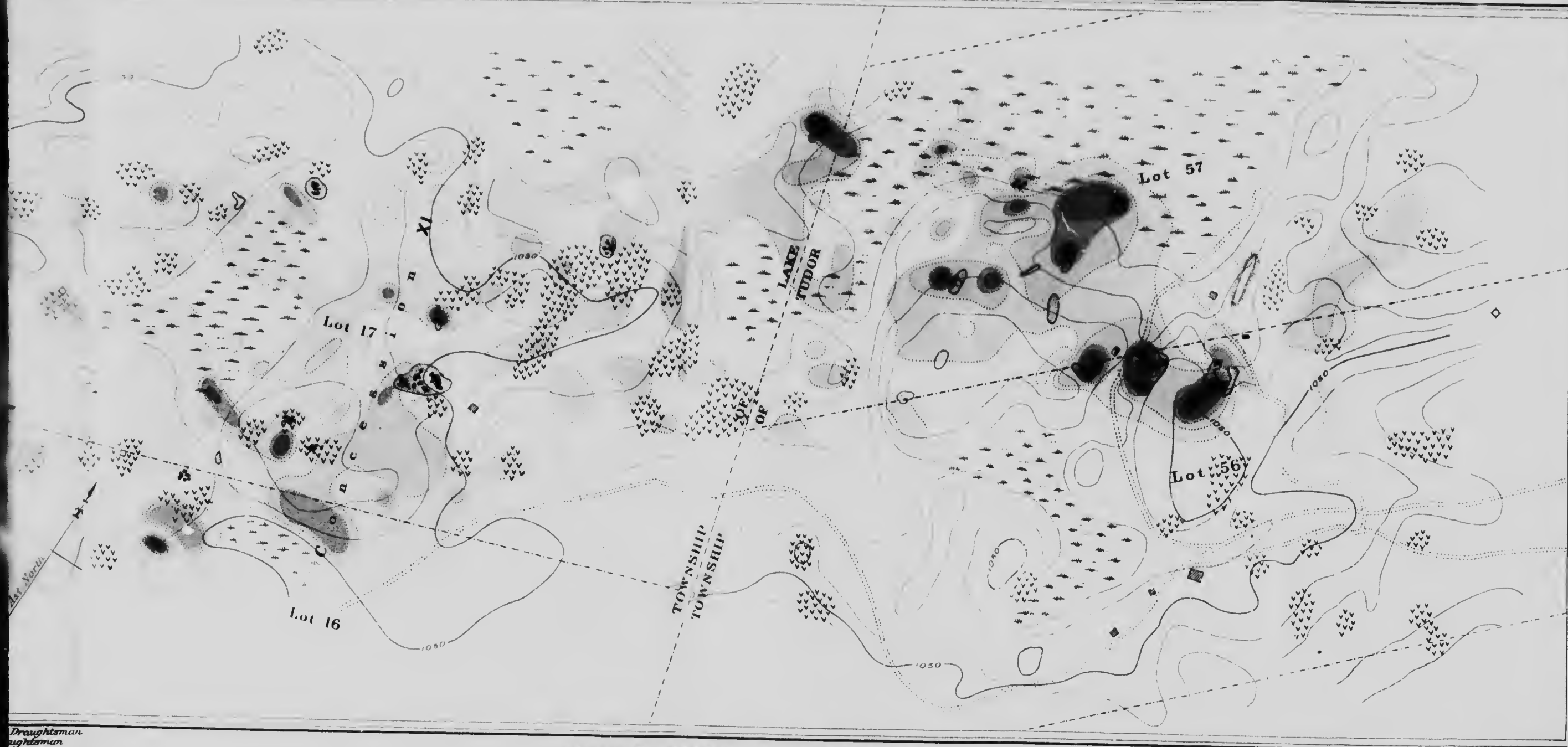


CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON P. E. BLONDIN, MINISTER, R. G. McCONNELL, DEPUTY MINISTER
EUGENE HAANEL, PH. D. DIRECTOR

1916

ETRIC MAP



LEGEND

- Roads and buildings
- Corner posts and lot lines (not well defined)
- Reference
- Shafts
- Open cuts and trenches
- Strippings
- Swamps
- Contours, interval 10 feet
Elevation above sea-level
- Mine dumps
- Outcrops showing titaniferous magnetite
- Outcrops of gabbro-diabase

Contours showing heights above sea-level
based on an elevation taken from C.N.R.

ORTON MINE AND VICINITY
HASTINGS COUNTY
ONTARIO

Surveyed by A.H.A. Robinson, 1915.

405

Scale 2400 200 Feet to Inch
200 100 0 200 400

Draughtsman
Draughtsman

on, 1915.

MAGNETOMETRIC MAP

LEGEND

 Isodynamic lines of the vertical magnetic intensity

Positive Intensity

 Magnetic attraction greater than 60°

 between 50° — 60°

 " 40° — 50°

 " 20° — 40°

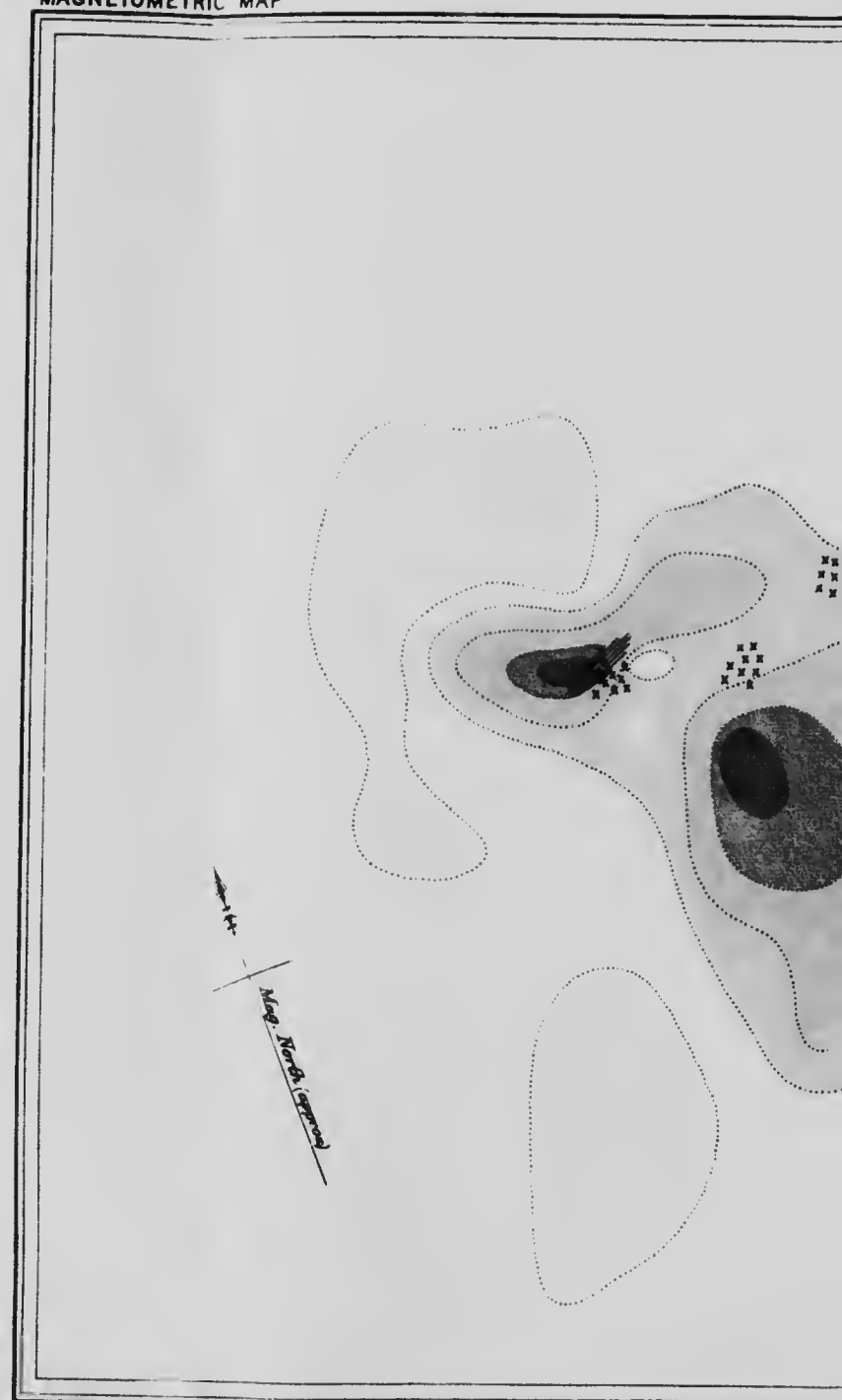
 " 0° — 20°

Negative Intensity

 between 0° — -20°

 " -20° — -40°

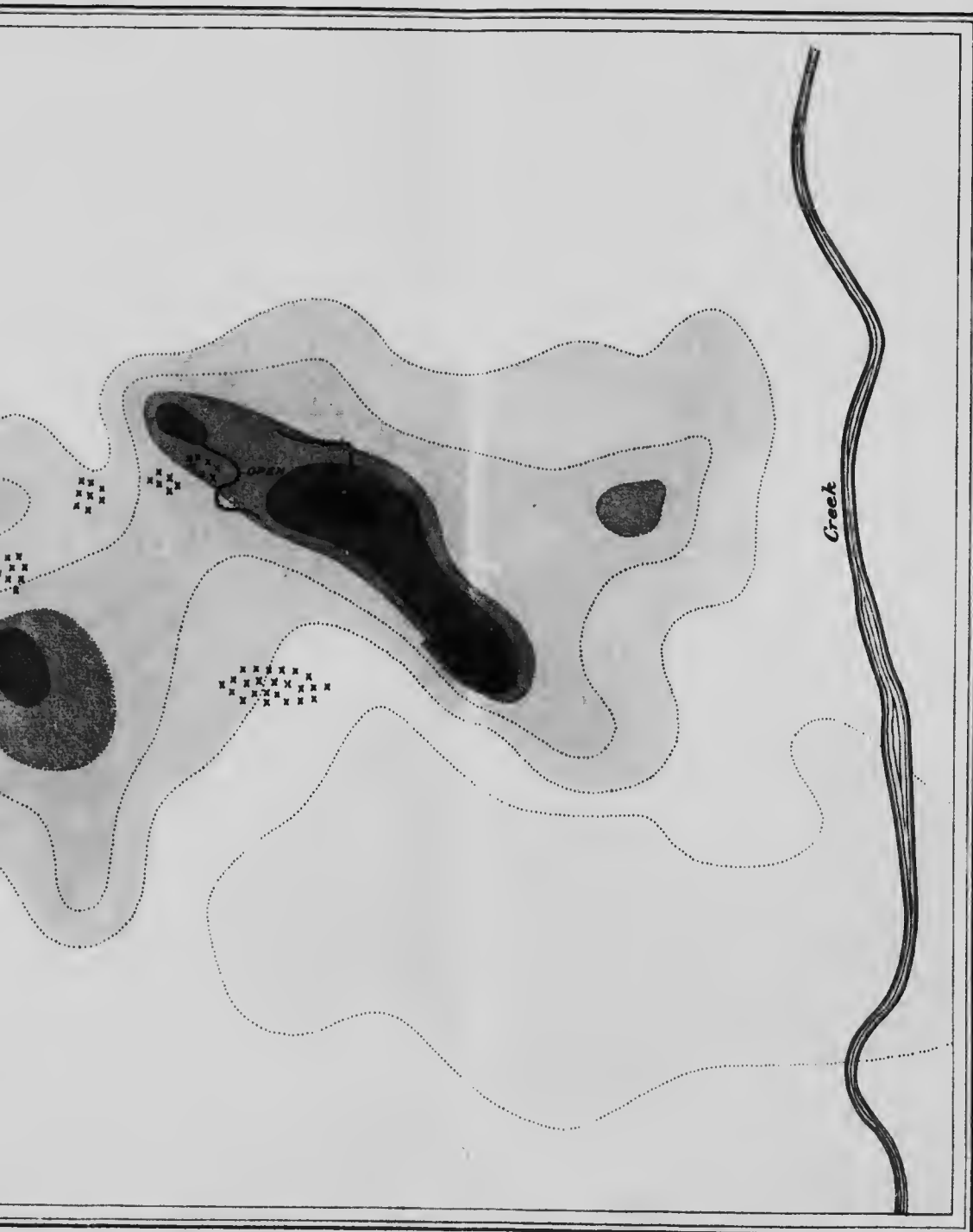
Magnetic declination 25° East (approx)



H.E. Baine, Chief Draughtsman
D Westwood, Draughtsman

WESTERN
SECHART. V

Scale



LEGEND

-  Shaft
-  Open cuts
-  Outcrop of magnetite
-  Outcrop of granite

WESTERN STEEL IRON CLAIM
CHART, VANCOUVER ISLAND, B. C.

Scale - 60 Feet to inch

Surveyed by
E. Lundeman, 1908

438

MAGNETOMETRIC MAP

LEGEND

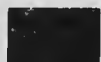


Isodynamic lines of the vertical magnetic intensity

Positive Intensity



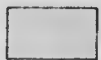
Magnetic attraction greater than 60°



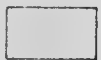
between 50° — 60°



" 40° — 50°

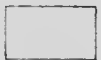


" 20° — 40°

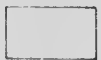


" 0° — 20°

Negative Intensity



between 0° — -20°

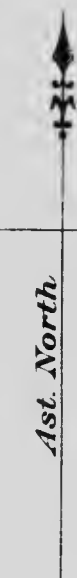


" -20° — -40°



Magnetic attraction greater than -40°

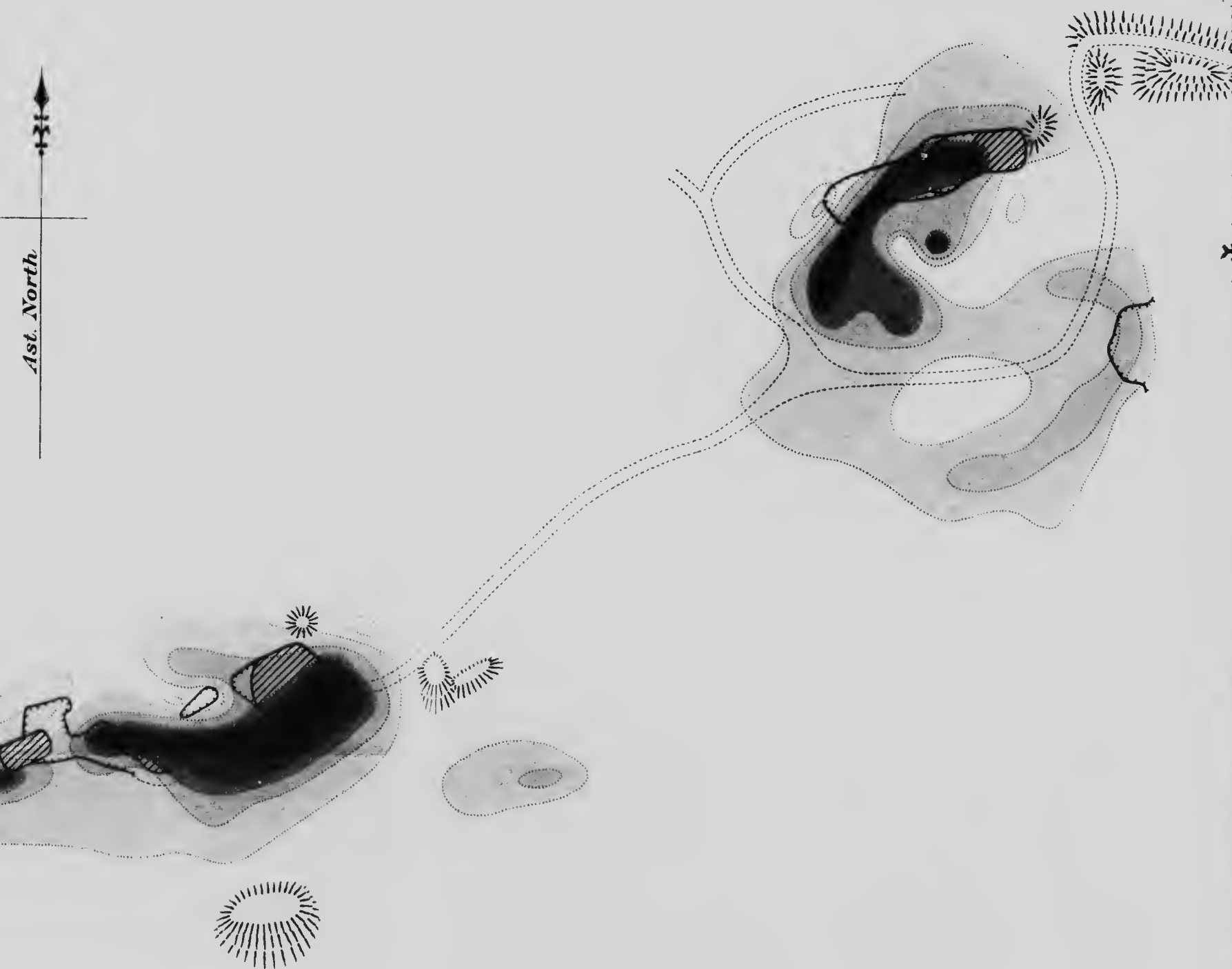
Constant of Instrument = 0.85



CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON P. E. BLONDIN, MINISTER. R. G. MCCONNELL, DEPUTY MINISTER
EUGENE HAANEL, PH. D., DIRECTOR

1917



CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON. P. E. BLONDIN, MINISTER. R. G. MCCONNELL, DEPUTY MINISTER.
EUGENE HAANEL, PH.D., DIRECTOR

1917

MAGNETOMETRIC MAP

vertical

er than 60°

— 60°

— 50°

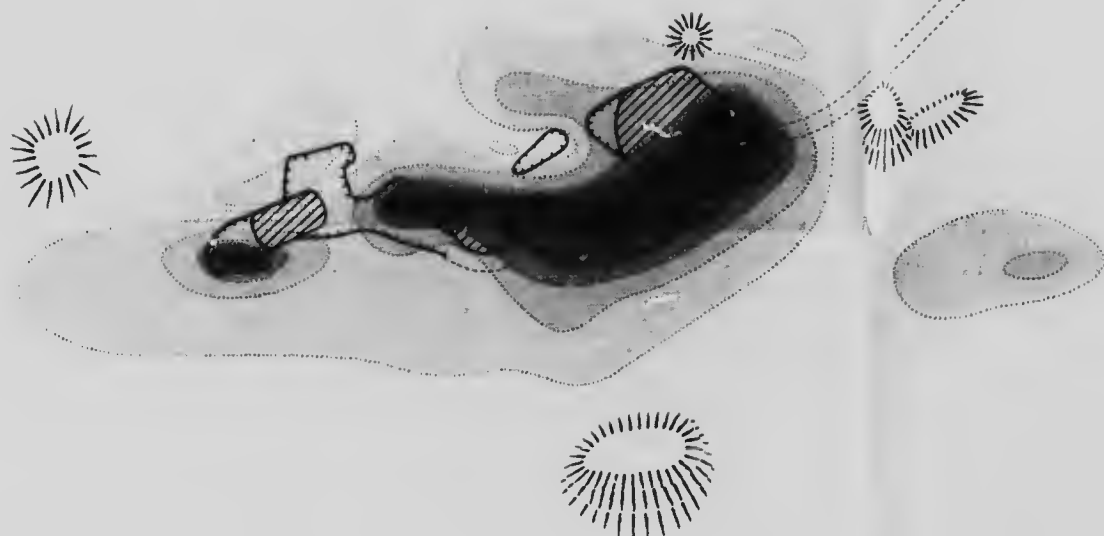
— 40°

— 20°

— 20°

— 40°

er than -40°



NES

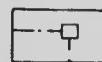
PUTY MINISTER.



LEGEND



Roads



Corner post



Open cuts



Pits filled with water



Mine dumps

LEGEND



Isodynamic lines of the vertical magnetic intensity

Positive Intensity



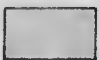
Magnetic attraction greater than 60°



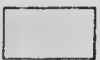
between 50° — 60°



" 40° — 50°

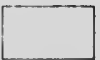


" 20° — 40°



" 0° — 20°

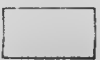
Negative Intensity



between 0° — — 20°



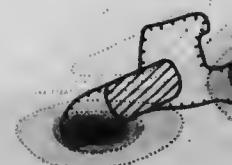
" — 20° — — 40°



Magnetic attraction greater than 40°

Constant of Instrument = 0.85

Ast. North



*H. E. Baine, Chief Draughtsman
I. H. S. Pereira, Draughtsman*

Ast. North

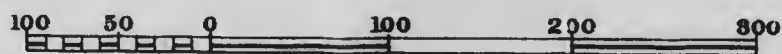


BALDWIN MINE

LOT 13, CON. VI. HULL TOWNSHIP

QUEBEC

Scale: 100 Feet to 1 inch



tical

Ast. North

than 60°

60°

50°

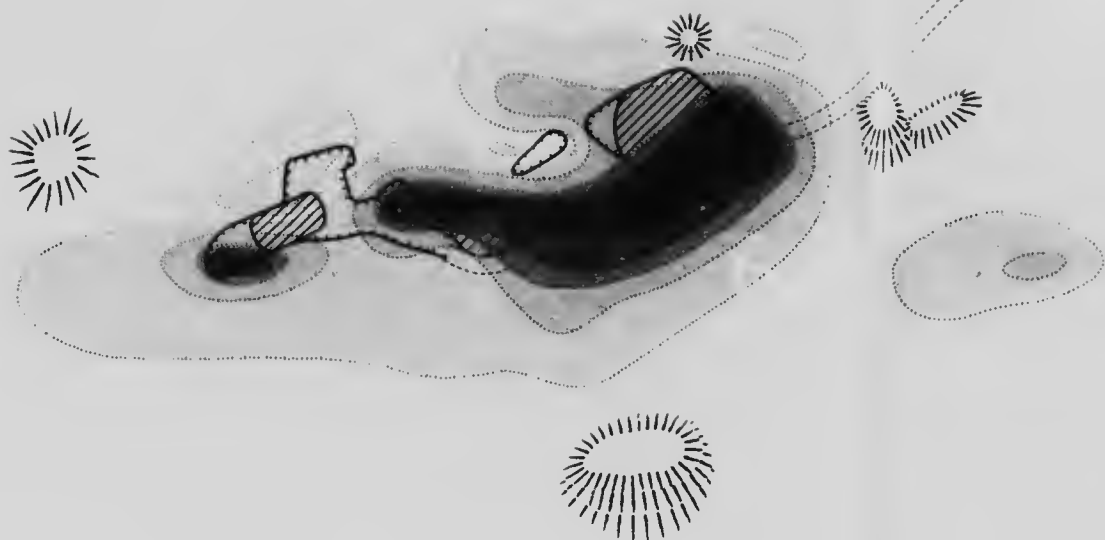
40°

20°

-20°

-40°

than -40°



H. F. Byrne, Chief Draughtsman
L. H. S. Pereira, Draughtsman

BALDWIN MINI

LOT 13, CON. VI. HULL TOWN

QUEBEC

Scale: 100 Feet to 1 inch





LEGEND



Roads



Corner post



Open cuts



Pits filled with water



Mine dumps

439

INE

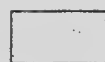
TOWNSHIP

ch

300

MAGNETOMETRIC MAP

LEGEND



Isodynamic lines of the vertical magnetic intensity

Positive Intensity



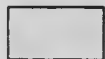
Magnetic attraction greater than 60°



between 50° — 60°



" 40° — 50°

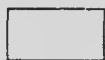


" 20° — 40°



" 0° — 20°

Negative Intensity



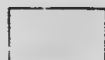
between 0° — -20°



" -20° — -40°



" -40° — -50°

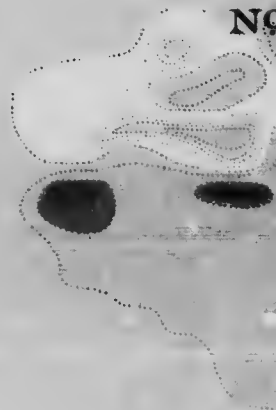


" -50° — -60°



Magnetic attraction greater than -60°

Base Line



DEPA

HON E. L. PATENAUD

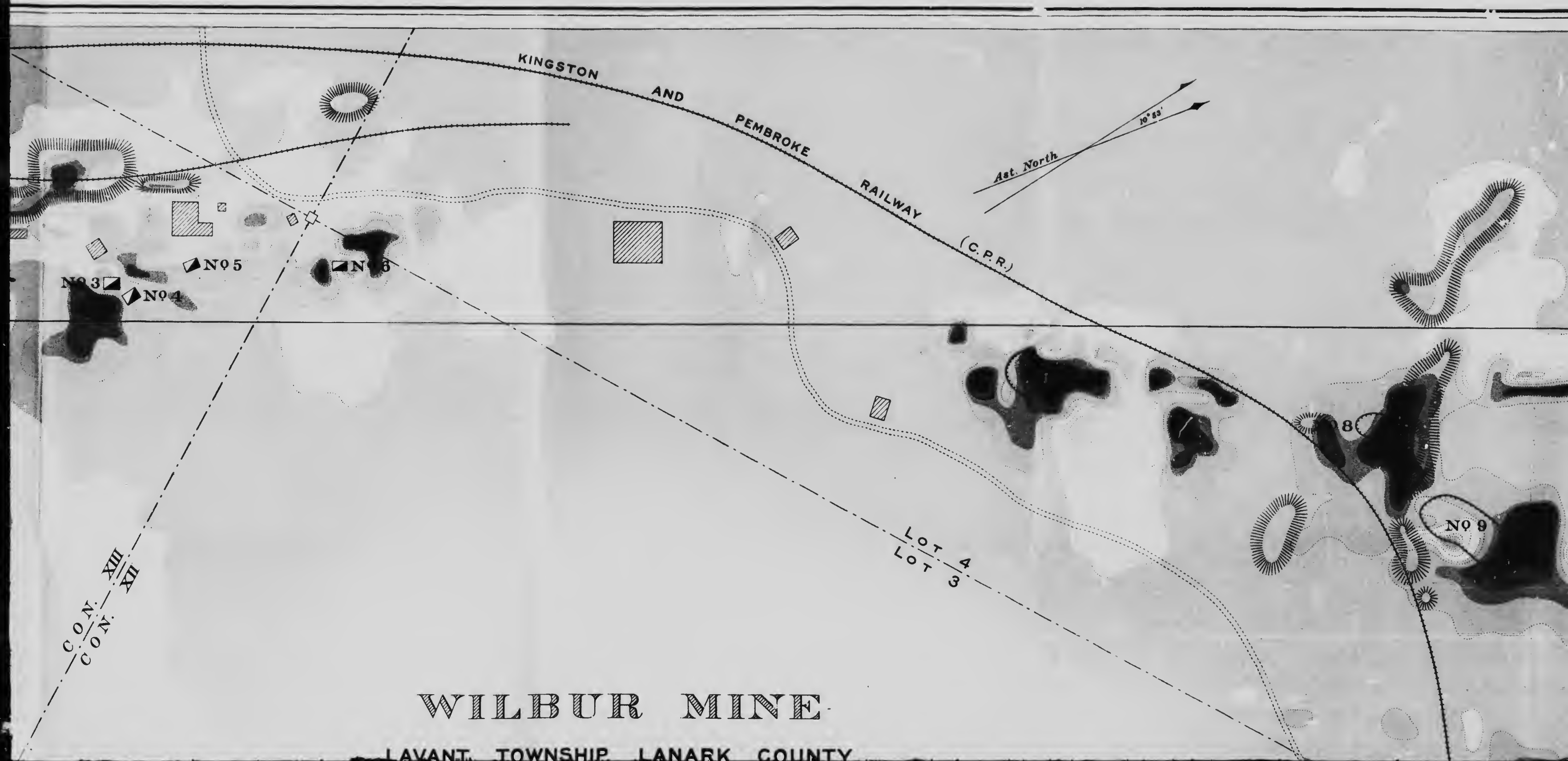
E

KING



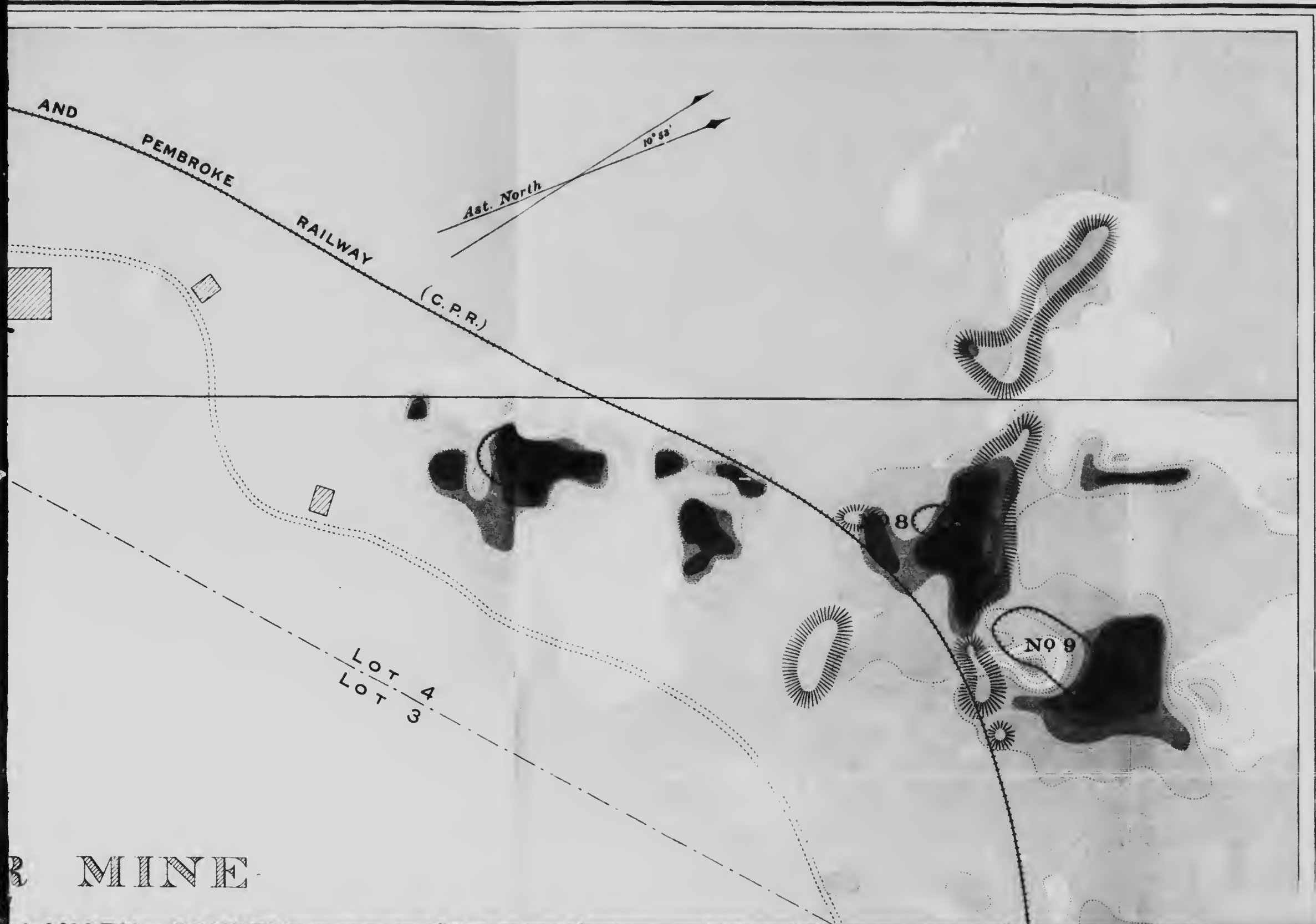
CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON. E. L. PATENAUDE, MINISTER. R. G. McCONNELL, DEPUTY MINISTER.
EUGENE HAANEL, PH. D., DIRECTOR.
1917

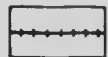


DA
OF MINES
ANCH

M. C. CONNELL, DEPUTY MINISTER
H. D. DIRECTOR



LEGEND

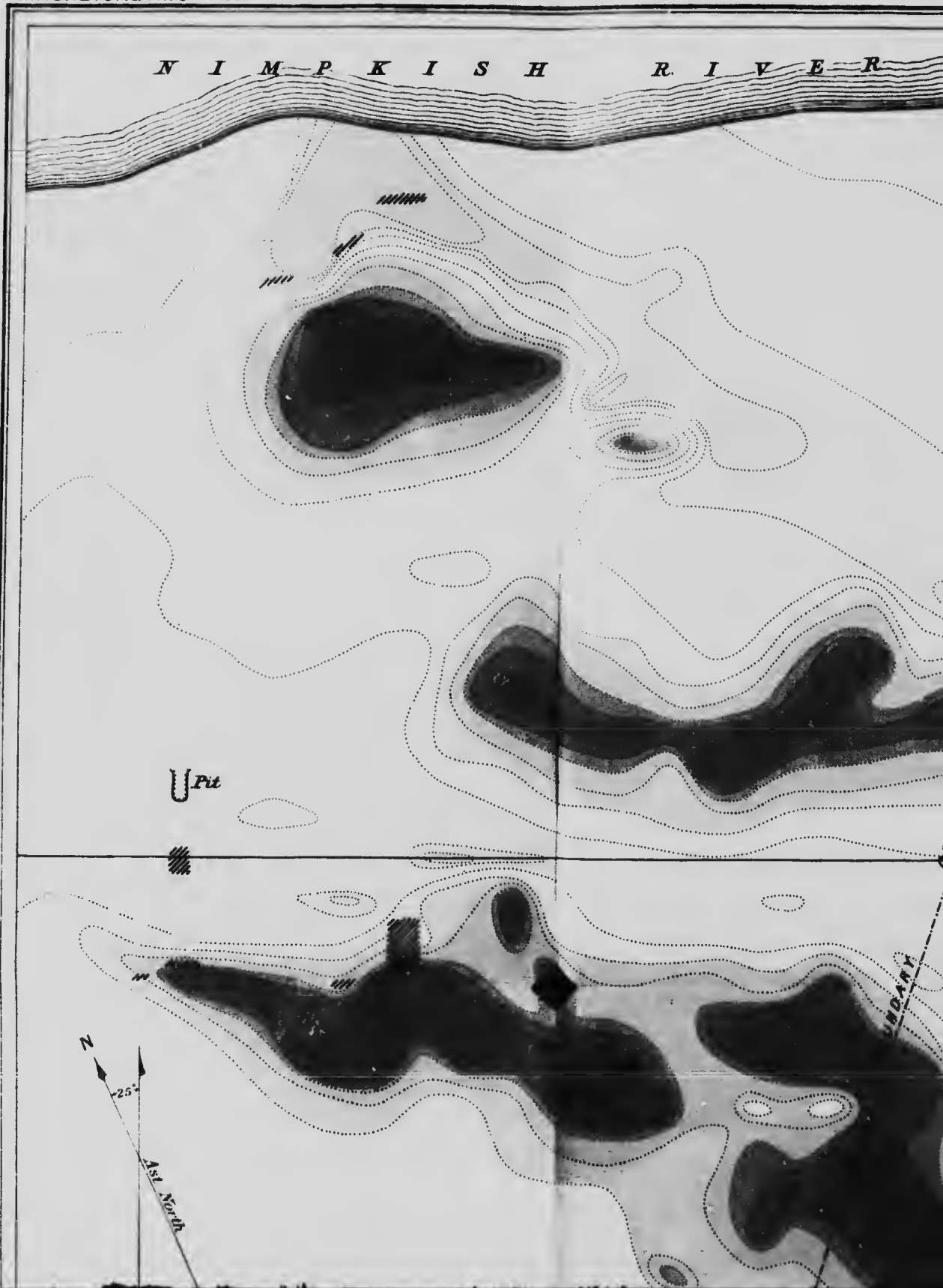
-  Roads and buildings
-  Corner post and Lot lines
-  Reference post
-  Railways
-  Shafts
-  Open cuts and Pits
-  Mine dumps

CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON E. L. PATENAUDE, MINISTER. R. G. M'CONNELL, DEPUTY MINISTER.
EUGENE HAANEL, PH. D., DIRECTOR.

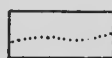
MAGNETOMETRIC MAP

1917





LEGEND



Isodynamic lines of the vertical magnetic intensity

Positive Intensity



Magnetic attraction greater than 60°



between 50° - 60°



" 40° - 50°



" 20° - 40°



" 0° - 20°

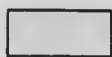
Negative Intensity



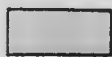
between 0° - -20°



" -20° - -40°



" -40° - -50°



" -50° - -60°



Magnetic attraction greater than -60°



Outcrop of Magnetite

Magnetic declination about 25° East

LEGEND



Isodynamic lines of the vertical magnetic intensity

Positive Intensity



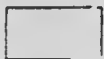
Magnetic attraction greater than 60°



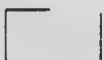
between 50° — 60°



" 40° — 50°



" 20° — 40°

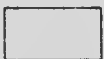


" 0° — 20°

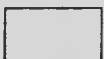
Negative Intensity



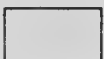
between 0° — -20°



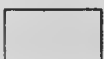
" -20° — -40°



" -40° — -50°



" -50° — -60°



Magnetic attraction greater than -60°

Magnetic declination about $10^{\circ}53'$ west

Base Line

NO

H. E. Beine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

Nº1

Nº2

Nº3

Nº4

Nº5

Nº6

CON. XII
CON. XII

WILB

LAVANT TOWNS



No 3

No 5

No 6

No 4

CON. XIII
CON. XII

WILBUR MINE

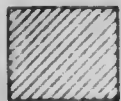
LAVANT TOWNSHIP, LANARK COUNTY

ONTARIO

Scale of Feet







(C.P.R.)



LOT 4
LOT 3



8

UR MINE

IP, LANARK COUNTY.

TARIO

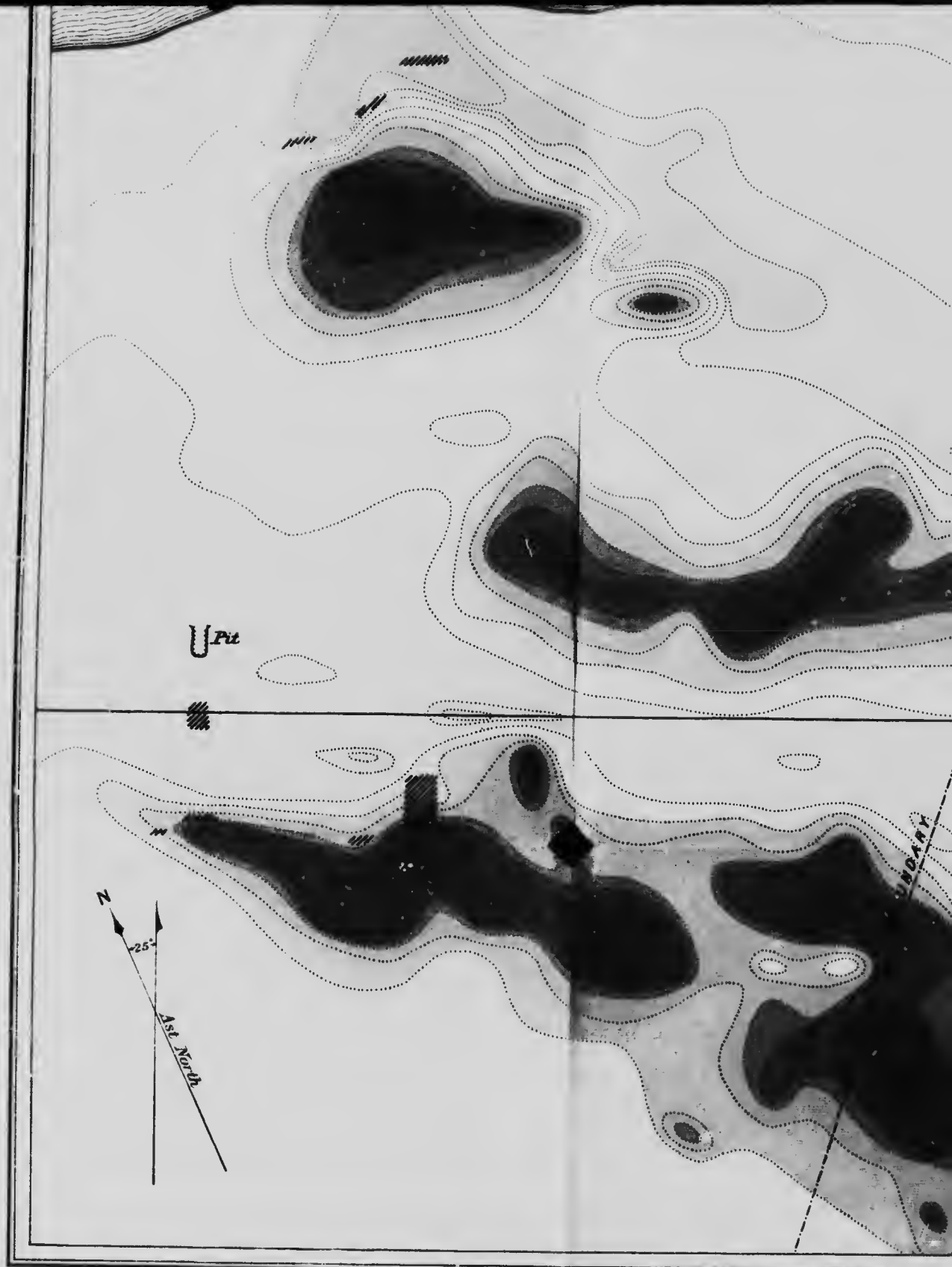
Scale of Feet





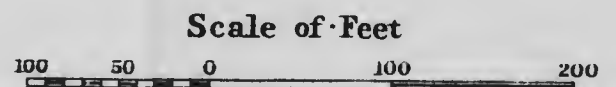
LEGEND

-  *Roads and buildings*
-  *Corner post and Lot lines*
-  *Reference post*
-  *Railways*
-  *Shafts*
-  *Open cuts and Pits*
-  *Mine dumps*



IRON CROWN CLAIM

NIMPKISH RIVER, VANCOUVER ISLAND, B.C.

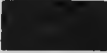
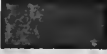
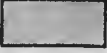




LEGEND

 *Isodynamic lines of the vertical magnetic intensity*

Positive Intensity

	<i>Magnetic attraction greater than 60°</i>	
	<i>between</i>	<i>50° - 60°</i>
	<i>"</i>	<i>40° - 50°</i>
	<i>"</i>	<i>20° - 40°</i>
	<i>"</i>	<i>0° - 20°</i>

Negative Intensity

	<i>between</i>	<i>0° - -20°</i>
	<i>"</i>	<i>-20° - -40°</i>
	<i>"</i>	<i>-40° - -50°</i>
	<i>"</i>	<i>-50° - -60°</i>
	<i>Magnetic attraction greater than -60°</i>	

 *Outcrop of Magnetite*

Magnetic declination about 25° East

AIM
AND, B.C.

Surveyed by
E. Lindeman 1907

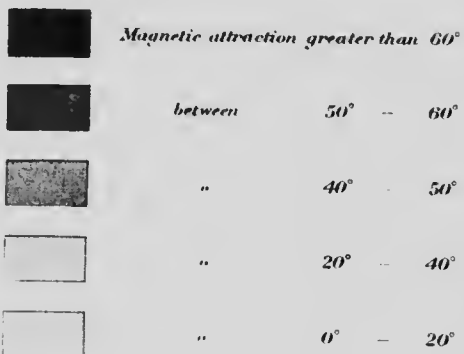
442



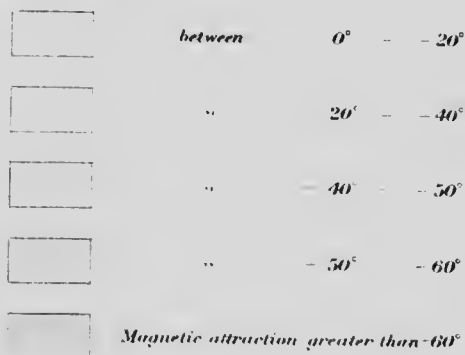
LEGEND

Isodynamic lines of the vertical magnetic intensity

Positive Intensity



Negative Intensity

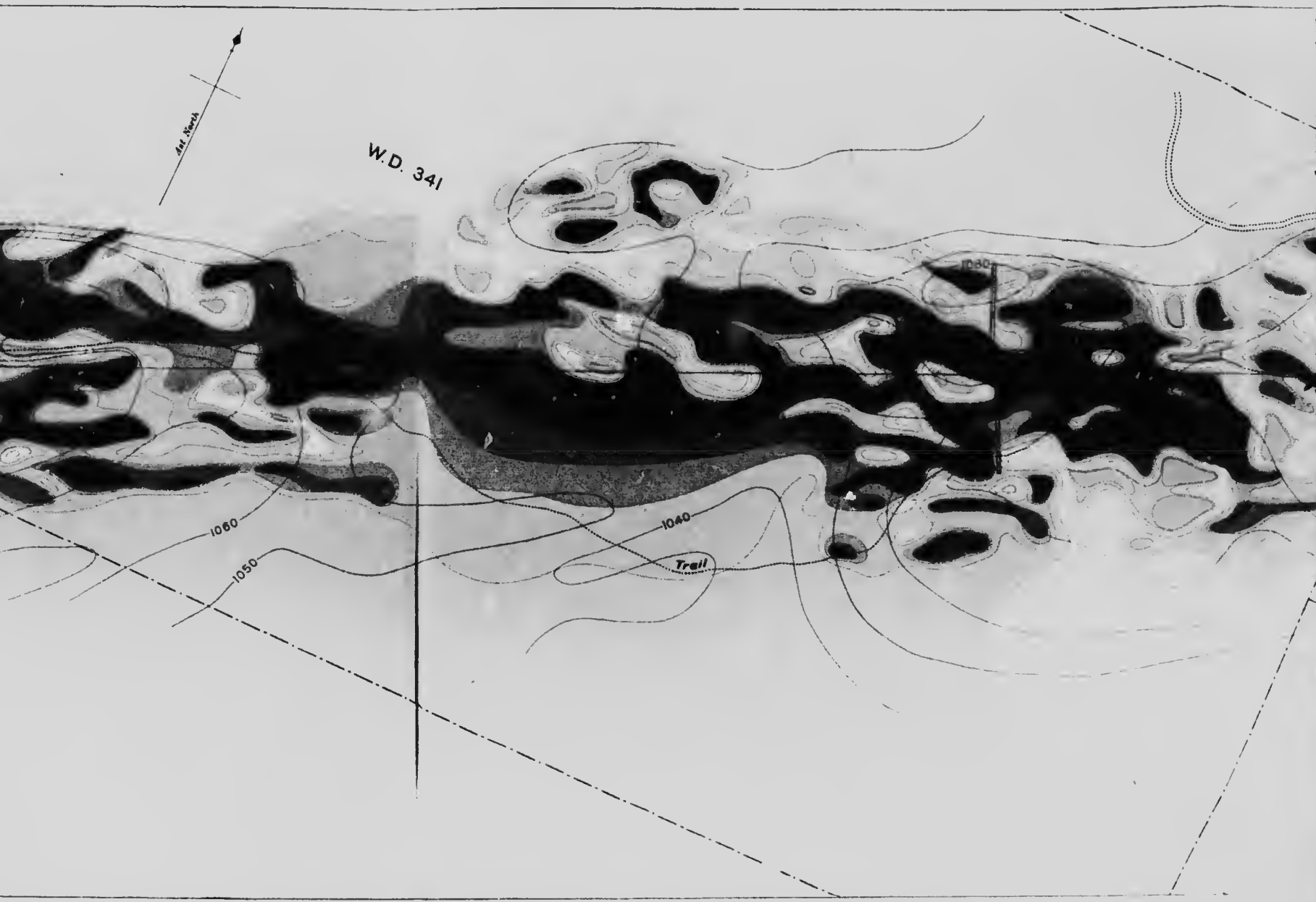


Magnetic declination about 8° 56' West

MAGNETOMETRIC MAP



H.E. Beine, Chief Draughtsman
L.H.S. Perera, Draughtsman



W.D. 341

Creek

1060

1050

1040

Trail

1030

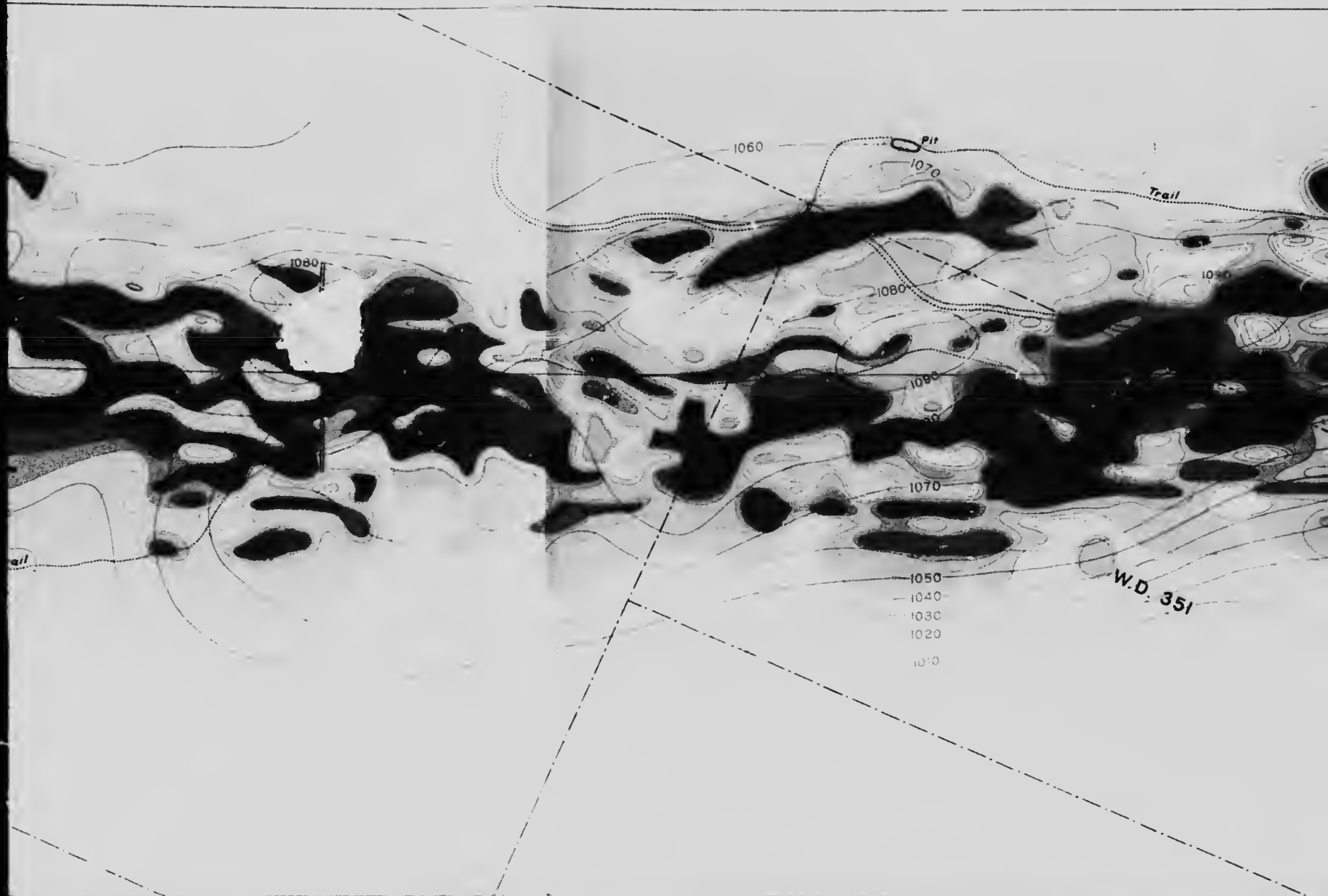
HUN

LO

CANADA
DEPARTMENT OF MINES
MINES BRANCH

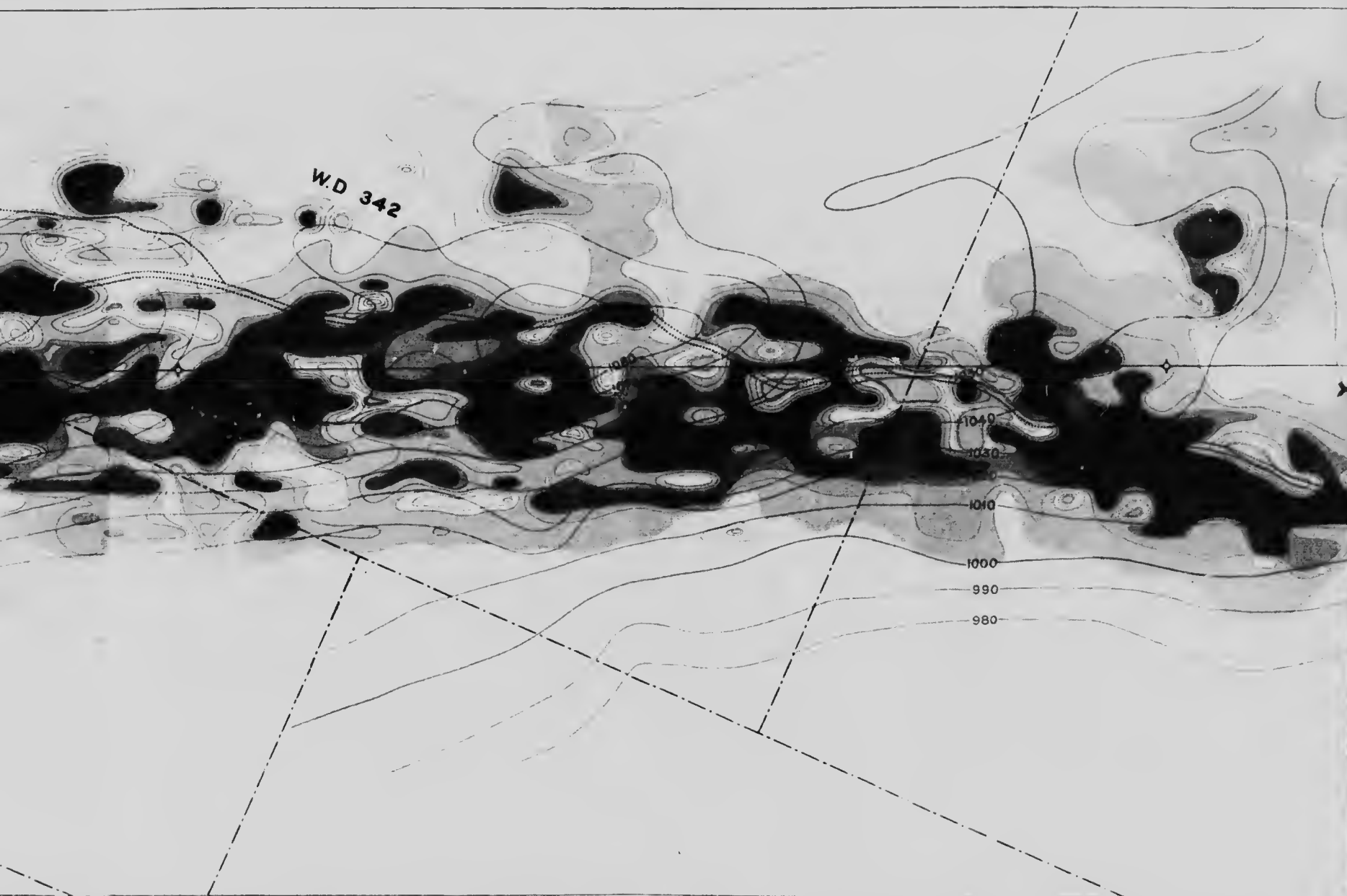
HON E. L. PATENAUDE, MINISTER; R. G. M. CONNELL, DEPUTY MINISTER;
EUGENE HAANEL, PH. D., DIRECTOR

1917



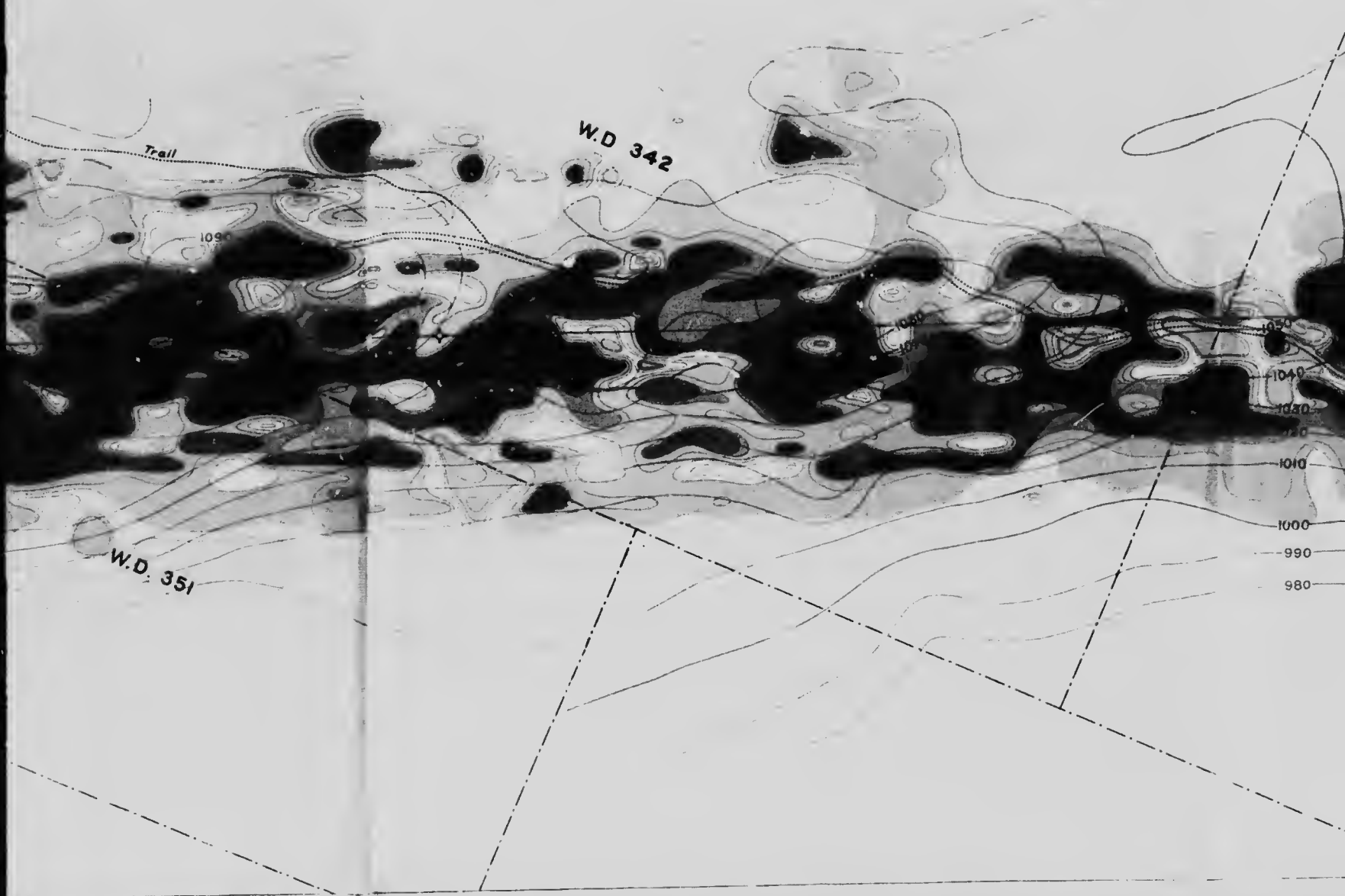
NORTHEAST ARM IRON RANGE
LOTS E.T.W. 340, W.D. 341, W.D. 342, W.D. 343, AND W.D. 351.
LAKE TIMAGAMI, DISTRICT OF NIPISSING
ONTARIO

Scale 1 in. = 200 Feet to 1 inch
200 150 100 50 0 200 400



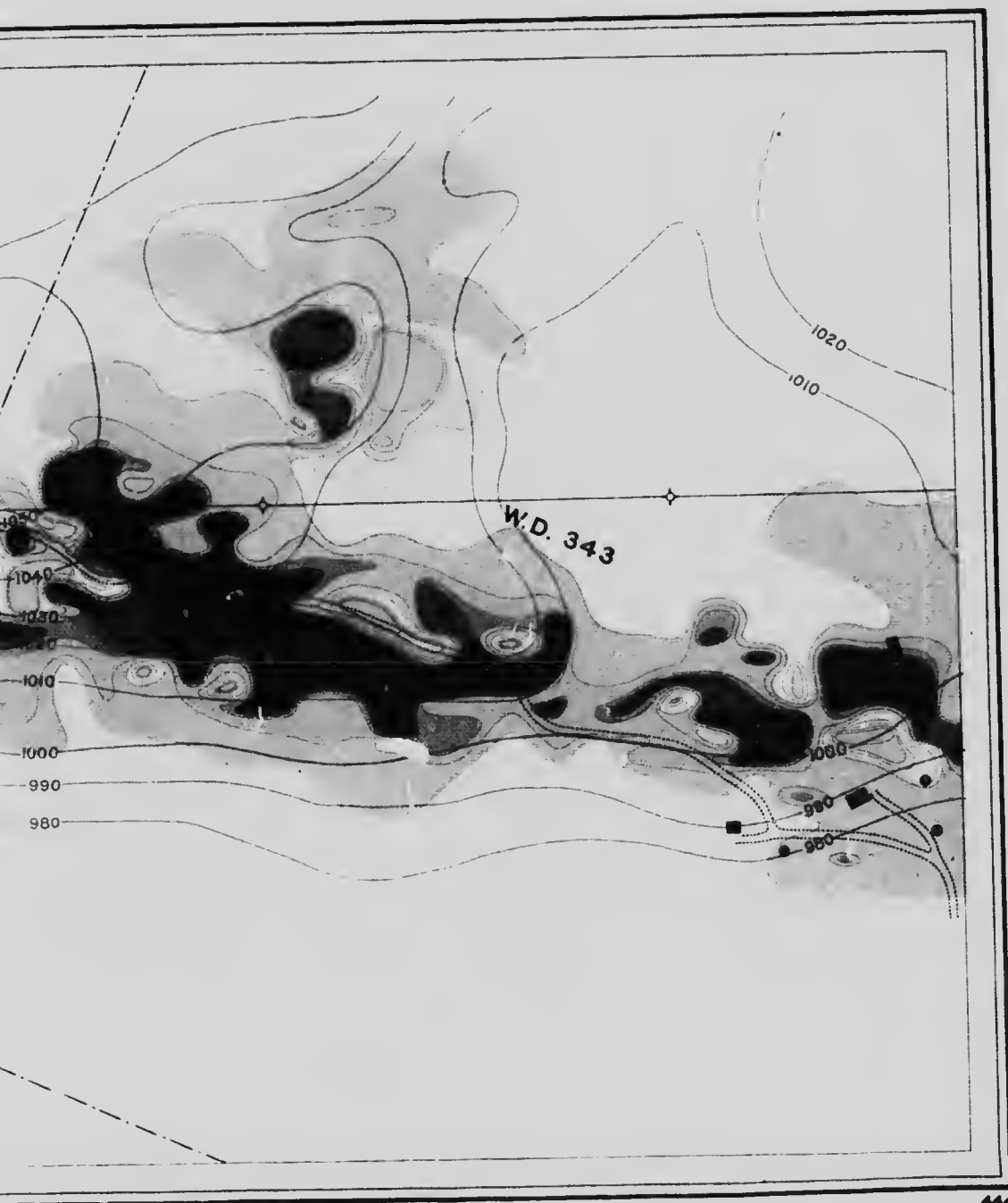
ES

ty MINISTER.



RANGE
AND W.D. 351.
PISSING

400

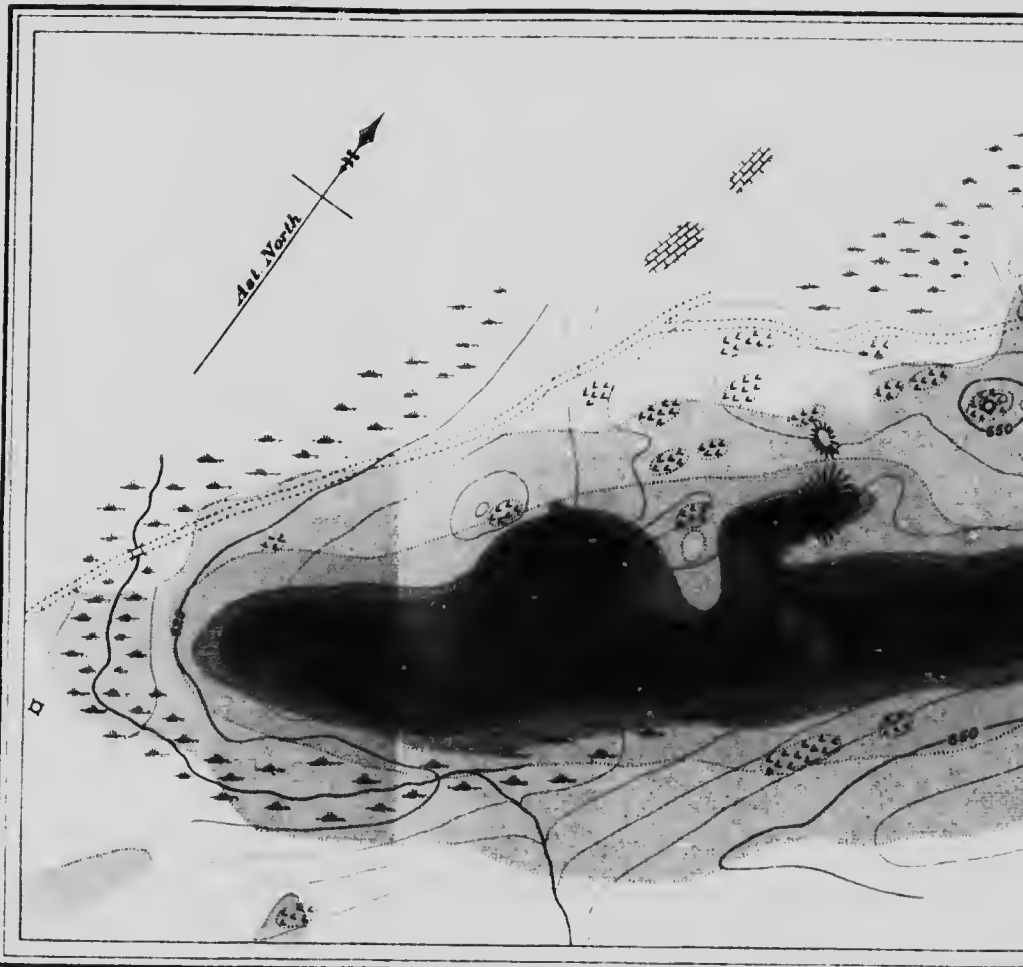
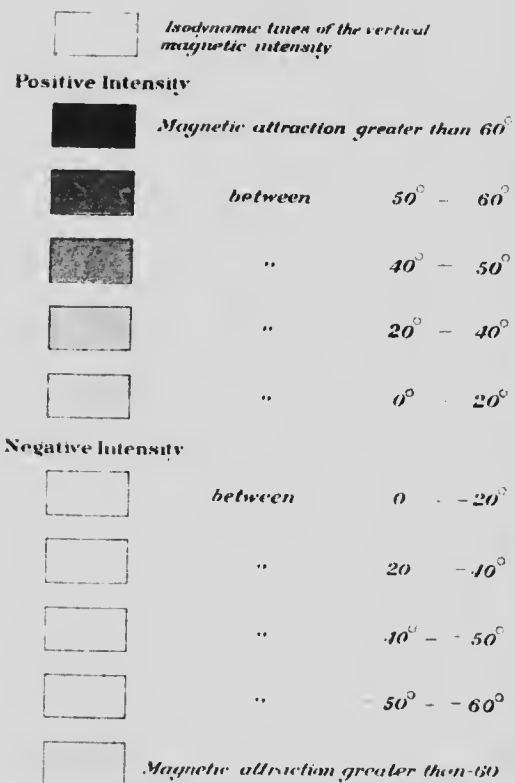


LEGEND

-  Roads and buildings
-  Lot numbers
-  Reference posts
-  Diamond drill holes
-  Contours, interval 10 feet
Elevation above sea-level

MAGNETOMETRIC MAP

LEGEND



H. E. Baine, Chief Draughtsman
L. H. S. Pereira, Draughtsman

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DEPARTMENT OF MINES
MINES BRANCH

HON E. L. PATENAUDE, MINISTER. R. G. MCCONNELL, DEPUTY MINISTER.
EUGENE HAANEL, PH. D., DIRECTOR.

1917



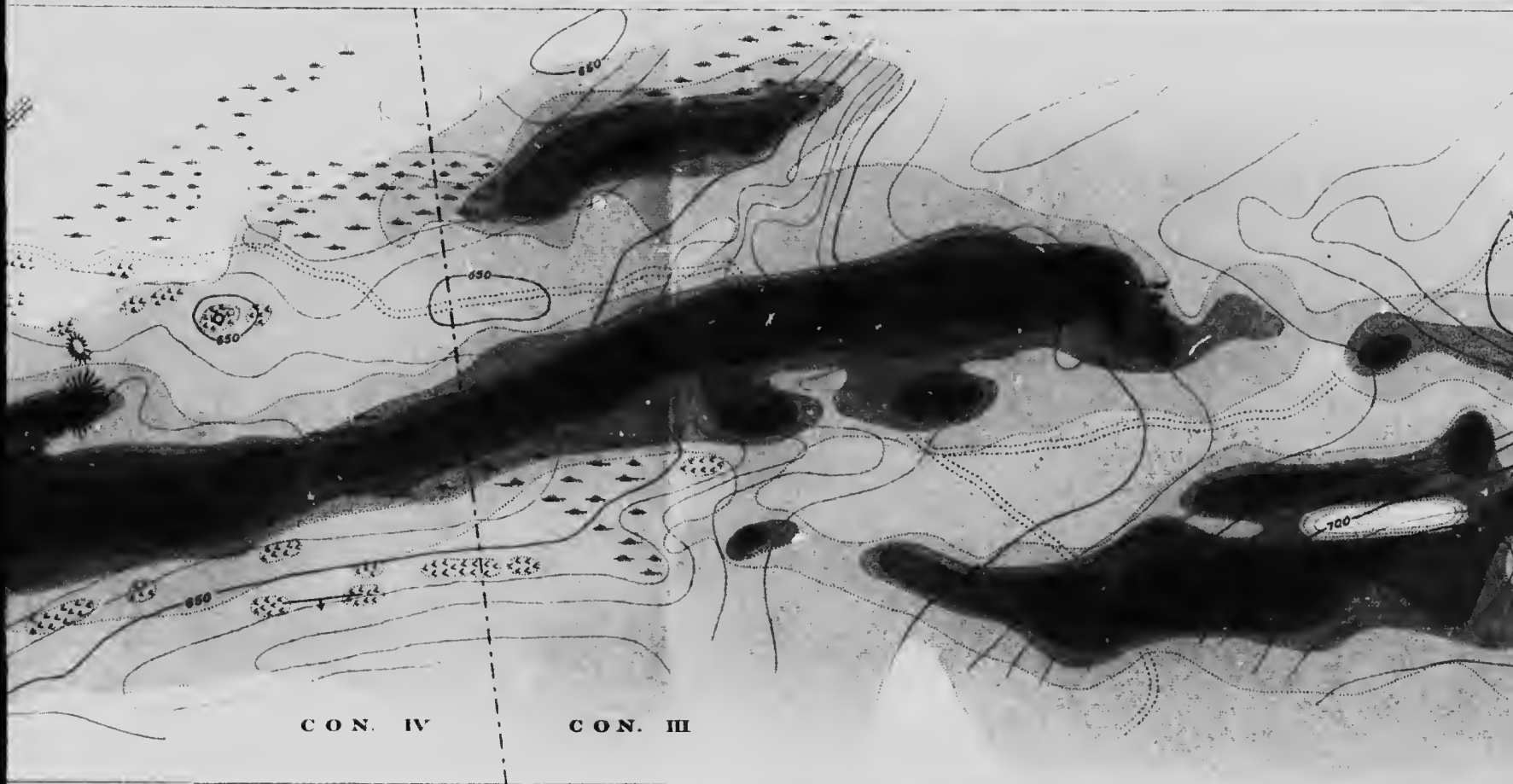
RADENHURST AND CALDWELL MINES
LOT 22. CONS. III AND IV
LAVANT TP. LANARK CO.
ONTARIO

Scale $\frac{1}{200}$: 200 Feet to 1 inch
100 50 0 100 200 300 400 500

CANADA
DEPARTMENT OF MINES
MINES BRANCH

HON E. L. PAT. NAUDE, MINISTER. R. G. MCCONNELL, DEPUTY MINISTER.
EUGENE HAANEL, PH.D., DIRECTOR.

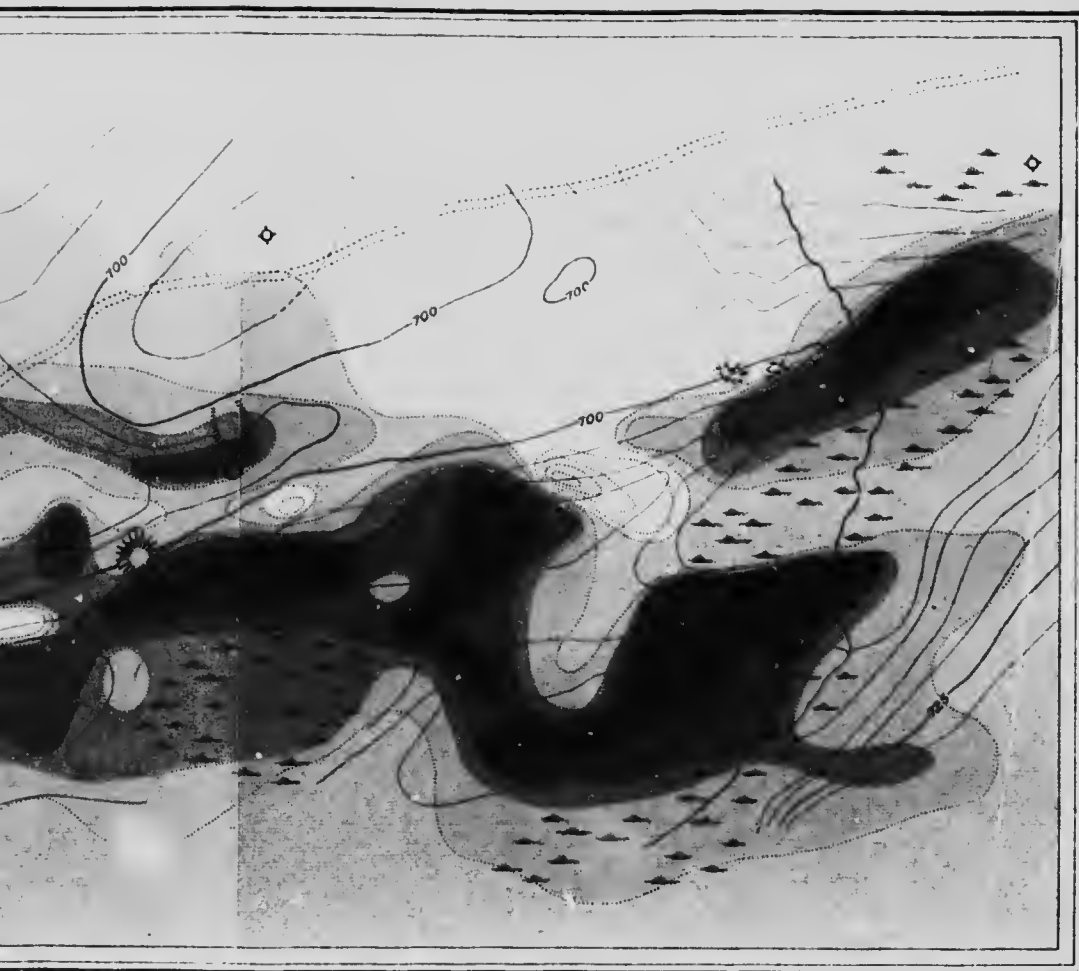
1917



RADENHURST AND CALDWELL MINES

LOT 22, CONS. III AND IV
LAVANT TP, LANARK CO.
ONTARIO

Scale $\frac{1}{2500}$: 200 Feet to 1 inch
100 50 0 100 200 300 400 500



LEGEND



Roads



Reference posts



Bridges



Streams



Swamps



*Contours, interval 5 feet
Elevation above sea level*



Mine dumps

Outcrops



Magnetite



Gneiss and schist



Crystalline limestone



Strike and dip

*Contours showing heights above sea level
based on elevation taken from CPR² (K and P Branch)*

446

*Surveyed by
A.H.A. Robinson, 1916*

CAI V.2
MT21
13N17 ENG. 7

