

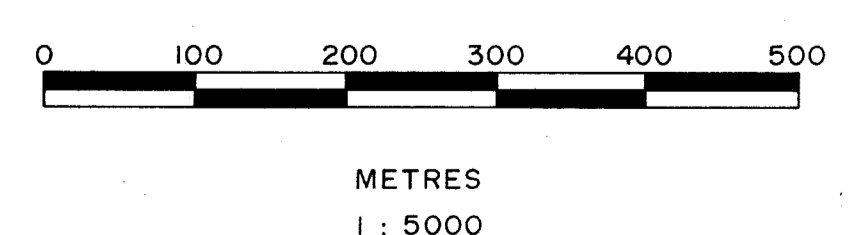
**LEGEND**

**ROCK UNITS**

- 6 Feldspar-Biotite Porphyry
- 5 Conglomerate
- 4 Aplite
- 3 Rhyolite to Dacite
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia
- 2 Andesite
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia
- 1 Basalt
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia

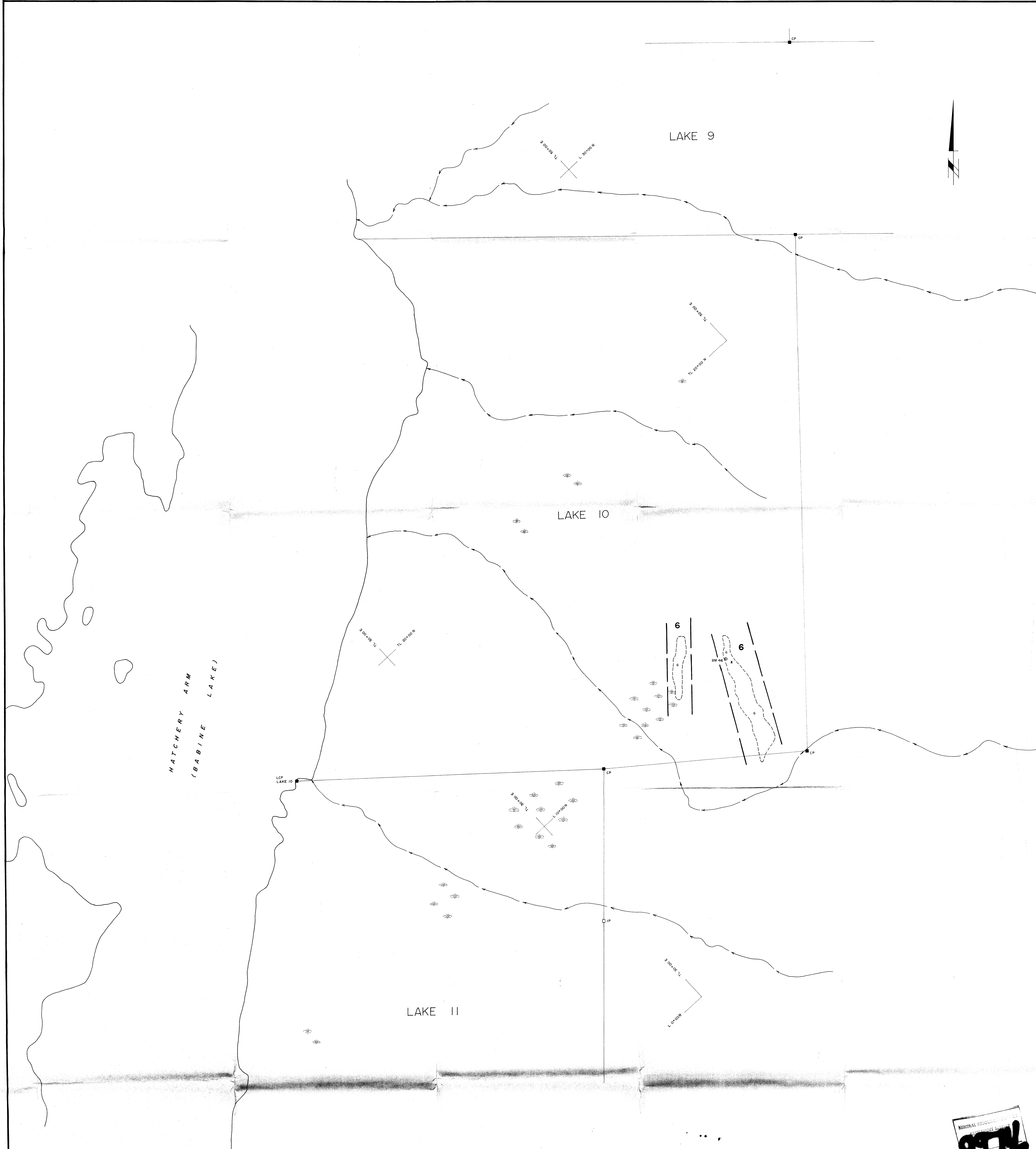
**SYMBOLS**

- Outcrop
- Suboutcrop, Talus
- Small Outcrop or Boulders
- Rock Sample Location, with Sample Number
- Geological Contact
- Foliation (vertical, inclined)
- Joints (vertical, inclined)
- Fault (vertical, inclined)
- Legal Corner Post, Claim Line, Corner Post, Intermediate Post
- Road
- Stream
- Swamp
- Grid Line Intersection
- Pyrite
- Chalcopyrite



**974**  
**Part 2**  
**of 2**

REVISED	<b>BABINE REGIONAL (CENTRAL)</b>
	<b>GEOLOGY</b>
PROJ. No. 1033	SURVEY BY: P. McCarter, J. Graham. DATE: June-July 1981
NTS. 33 M/1	DRAWN BY: E.C. SCALE: 1:5000
DWG. No.	<b>NORANDA EXPLORATION</b>
FIG. 4	OFFICE: SMITHERS, B.C.



HATCHERY ARM  
(BABINE LAKE)

LAKE 9

LAKE 10

LAKE 11

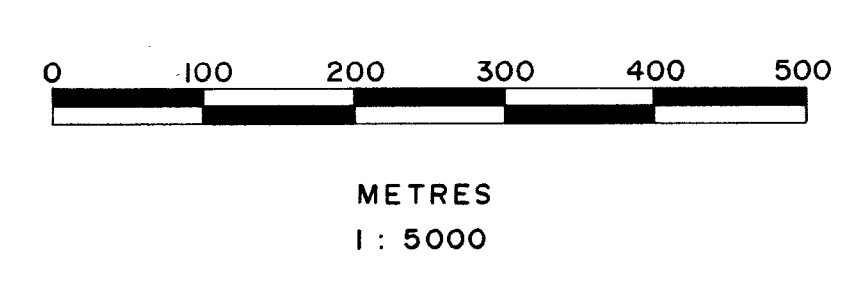
**LEGEND**

**ROCK UNITS**

- 6 Feldspar-Biotite Porphyry
- 5 Conglomerate
- 4 Aplite
- 3 Rhyolite to Dacite
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia
- 2 Andesite
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia
- 1 Basalt
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia

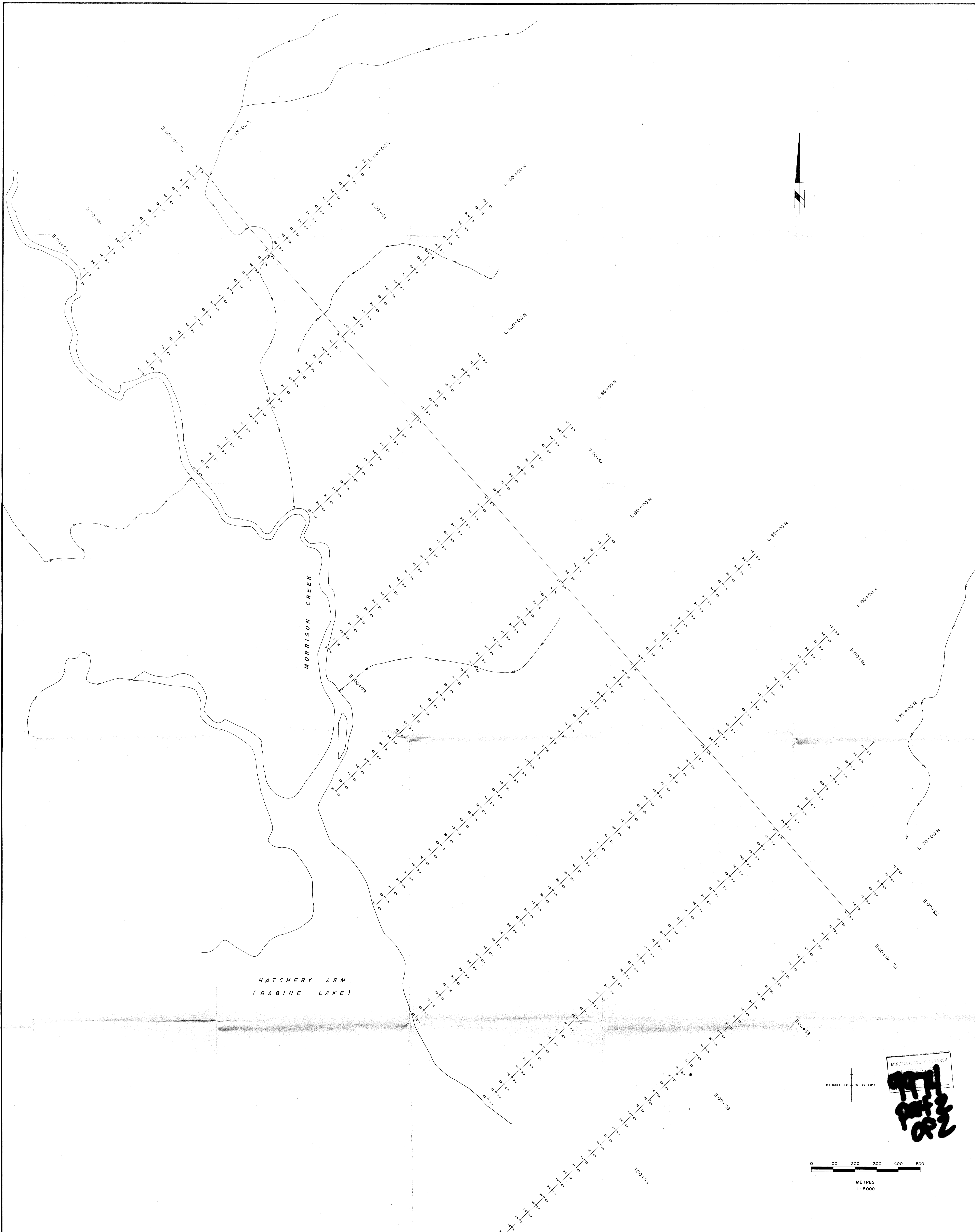
**SYMBOLS**

- Outcrop
- Suboutcrop, Talus
- X Small Outcrop or Boulders
- SPCK 3  
BM 34  
L2 Rock Sample Location, with Sample Number
- Geological Contact
- Foliation (vertical, inclined)
- Joints (vertical, inclined)
- Fault (vertical, inclined)
- Legal Corner Post, Claim Line, Corner Post, Intermediate Post
- Road
- Stream
- Swamp
- Grid Line Intersection
- Pyrite
- Chalcocopyrite



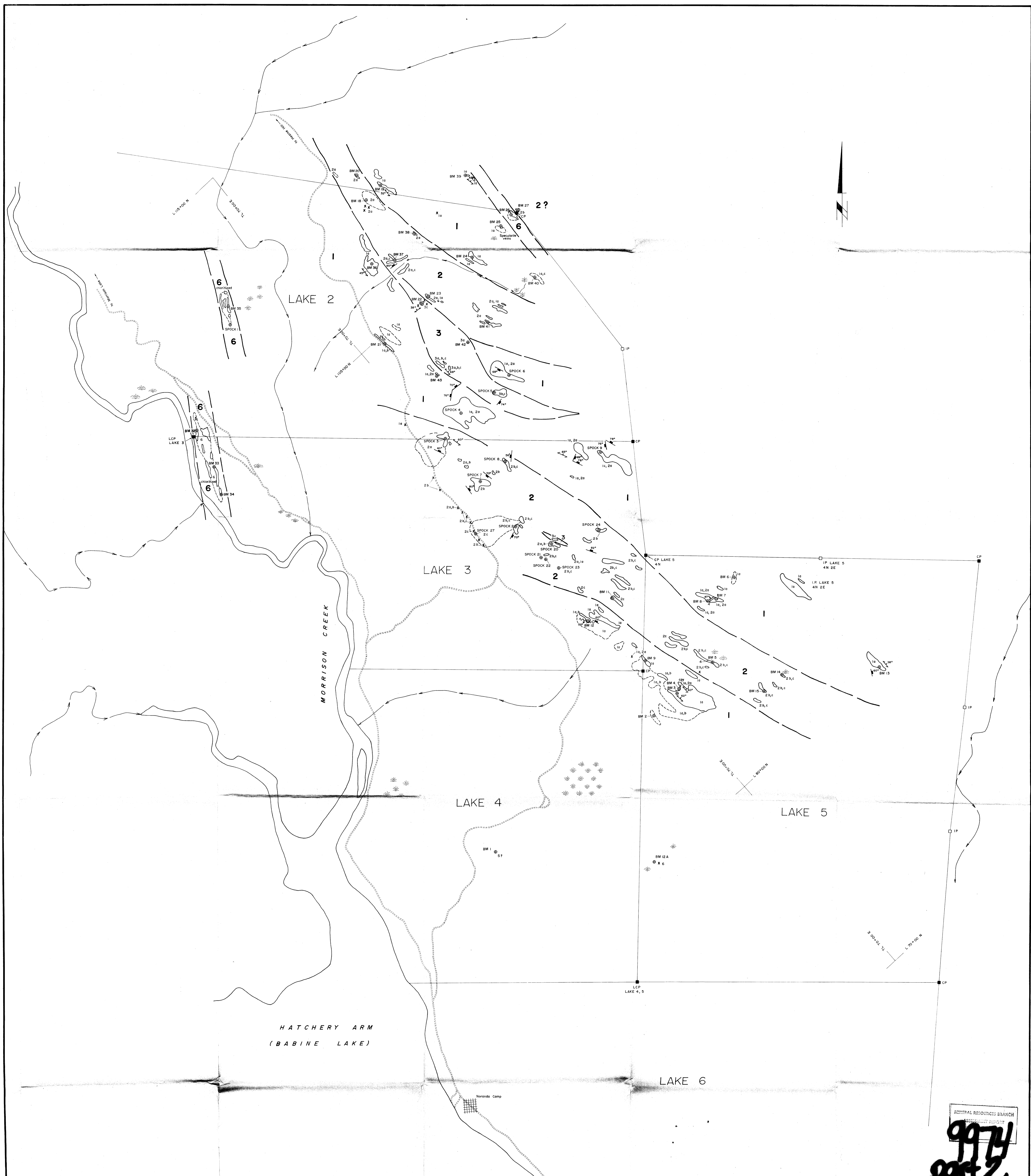
REVISED	<b>BABINE REGIONAL (SOUTH)</b>
	<b>GEOLOGY</b>
PROJ. No. 1033	Survey by: P. McCarter, J. Graham. DATE: June - July 1981
DWG. No.	DRAWN BY: E.C. SCALE: 1:5000
<b>FIG. 5</b>	<b>NORANDA EXPLORATION</b>
	OFFICE: SMITHERS, B.C.

MINERAL RECORD  
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1982



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REVISED	<b>BABINE REGIONAL (NORTH)</b>	
	GEOCHEMISTRY : SOILS	
	MOLYBDENUM, COPPER	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July 1991
ATS: 93-M-1	DRAWN BY: E.C.	SCALE: 1:5000
DWG. No.	<b>NORANDA EXPLORATION</b>	
FIG. 6a	OFFICE: SMITHERS, B.C.	



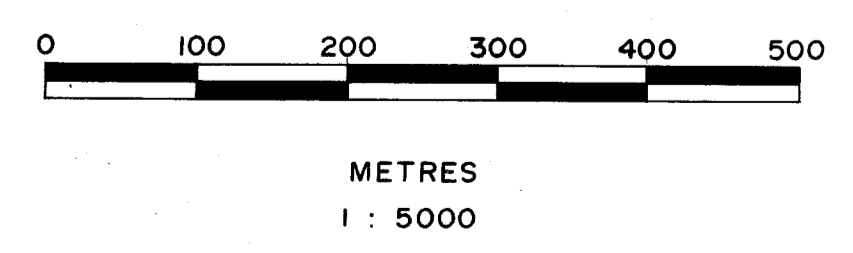
**LEGEND**

**ROCK UNITS**

- 6 Feldspar-Biotite Porphyry
- 5 Conglomerate
- 4 Aplite
- 3 Rhyolite to Dacite
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia
- 2 Andesite
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia
- 1 Basalt
  - a. Massive Flow
  - b. Porphyritic Flow
  - c. Tuff, Lapilli Tuff, Breccia

**SYMBOLS**

- Outcrop
- Suboutcrop, Talus
- x Small Outcrop or Boulders
- ⊙ SPOCK 3  
⊙ BM 34  
⊙ Rock Sample Location, with Sample Number
- Geological Contact
- ↗ Foliation (vertical, inclined)
- ↖ Joints (vertical, inclined)
- ↘ Fault (vertical, inclined)
- ⊕ Legal Corner Post, Claim Line, Corner Post, Intermediate Post
- Road
- Stream
- ⊕ Swamp
- TL 7000 E Grid Line Intersection
- py Pyrite
- cpy Chalcopyrite



MINERAL RESOURCES BRANCH  
 9974  
 Part 2  
 OR 2

REVISED	<b>BABINE REGIONAL (NORTH)</b>	
	<b>GEOLOGY</b>	
PROJ. No. 1033	SURVEY BY: E. McCarter, J. Graham	DATE: June - July 1981
NTS. 93 M/1	SCALE: 1:5000	
DWG. No.	<b>NORANDA EXPLORATION</b>	
FIG. 3	OFFICE: SMITHERS, B. C.	



MINERAL RESEARCH BRANCH  
**977**  
**847**  
**62**

REVISED	<b>BABINE REGIONAL (NORTH)</b>	
	GEOCHEMISTRY : SOILS	
	ZINC, LEAD, SILVER	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July, 1981
NTS. 93 M/1	DRAWN BY: E.C.	SCALE: 1:5000
DWG. No.	<b>NORANDA EXPLORATION</b>	
FIG. 6b	OFFICE: SMITHERS, B.C.	

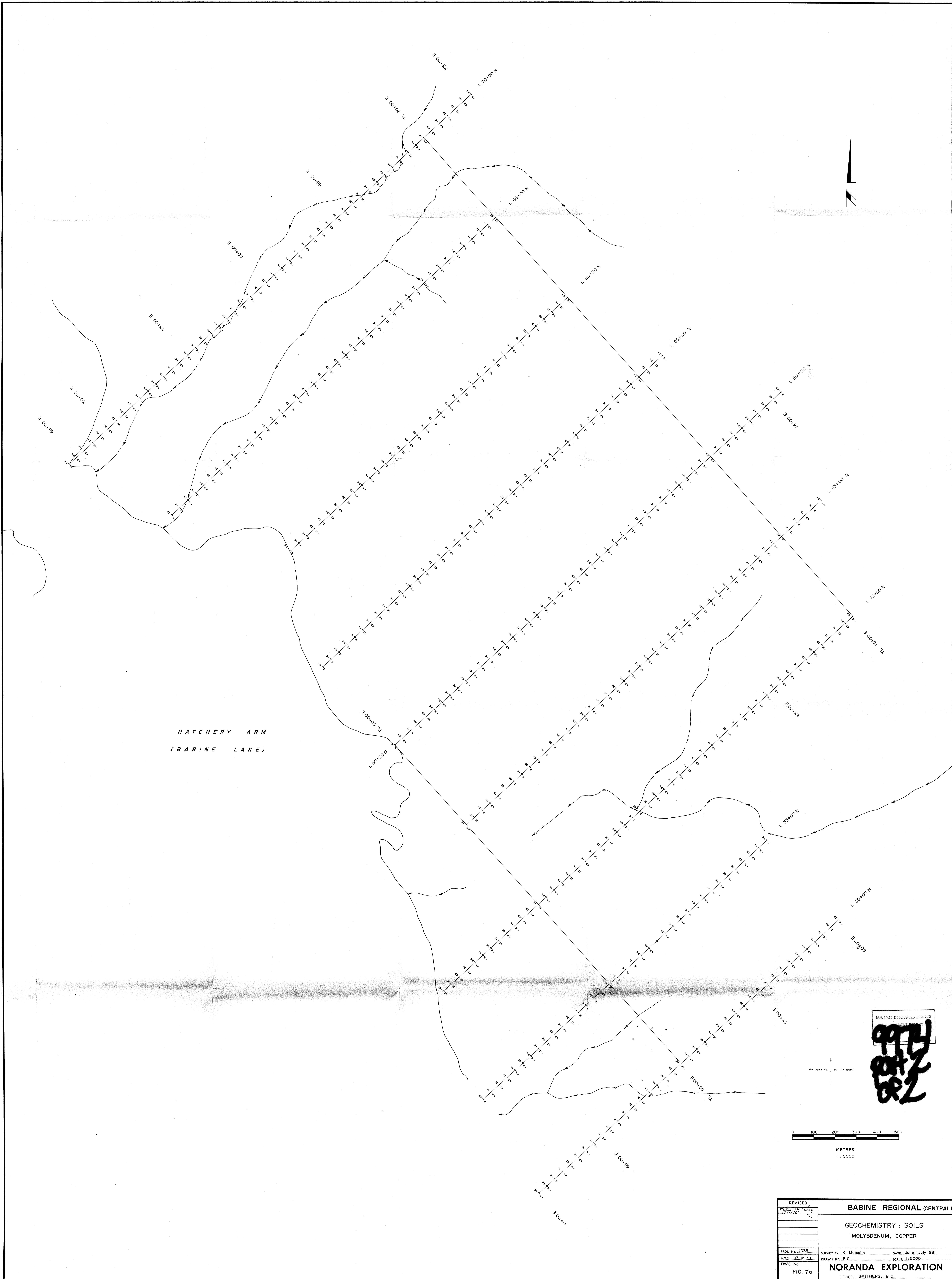


HATCHERY ARM  
(BABINE LAKE)

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0 100 200 300 400 500  
METRES  
1:5000

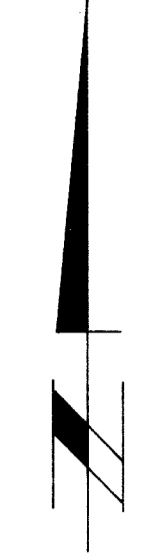
REVISED	BABINE REGIONAL (NORTH)	
	GEOCHEMISTRY : SOILS	
	IRON, MANGANESE	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July 1981
N.T.S. 93 M Z 1	DRAWN BY: E. C.	SCALE: 1:5000
DWG. No.	NORANDA EXPLORATION	
FIG. 6c	OFFICE: SMITHERS, B.C.	



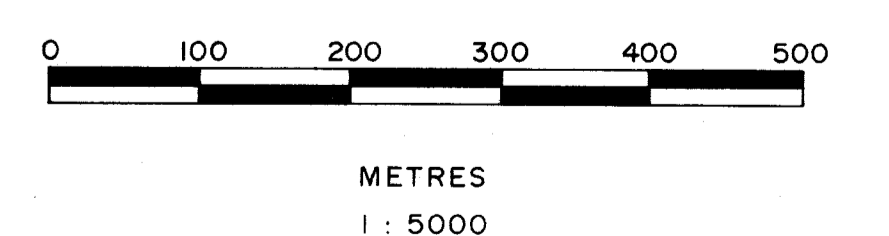
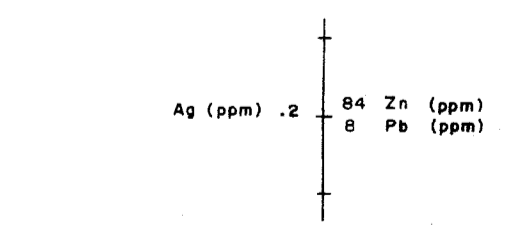
HATCHERY ARM  
(BABINE LAKE)

MINERAL RESOURCES DIVISION  
**9974**  
**812**  
**82**

REVISED	<b>BABINE REGIONAL (CENTRAL)</b>	
	GEOCHEMISTRY : SOILS	
	MOLYBDENUM, COPPER	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July 1981
NTS. 33 M.L.I.	DRAWN BY: E.C.	SCALE: 1:5000
DWG. No.	<b>NORANDA EXPLORATION</b>	
FIG. 7a	OFFICE: SMITHERS, B.C.	



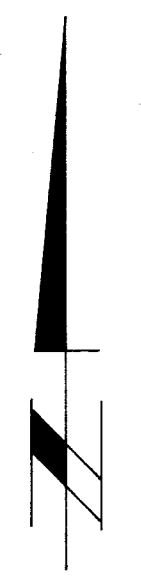
HATCHERY ARM  
(BABINE LAKE)



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**2012**  
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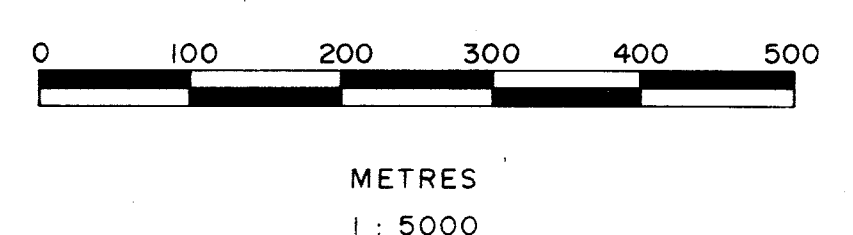
REVISED <i>Michael W. [Signature]</i>	<b>BABINE REGIONAL (CENTRAL)</b>	
	GEOCHEMISTRY : SOILS	
	ZINC, LEAD, SILVER	
PROJ. No. 1023	SURVEY BY: K. Malcolm	DATE: June - July 1981
DWG. No. 93_M_Z/1	DRAWN BY: E.C.	SCALE: 1:5000
FIG. 7b	<b>NORANDA EXPLORATION</b>	
	OFFICE: SMITHERS, B.C.	



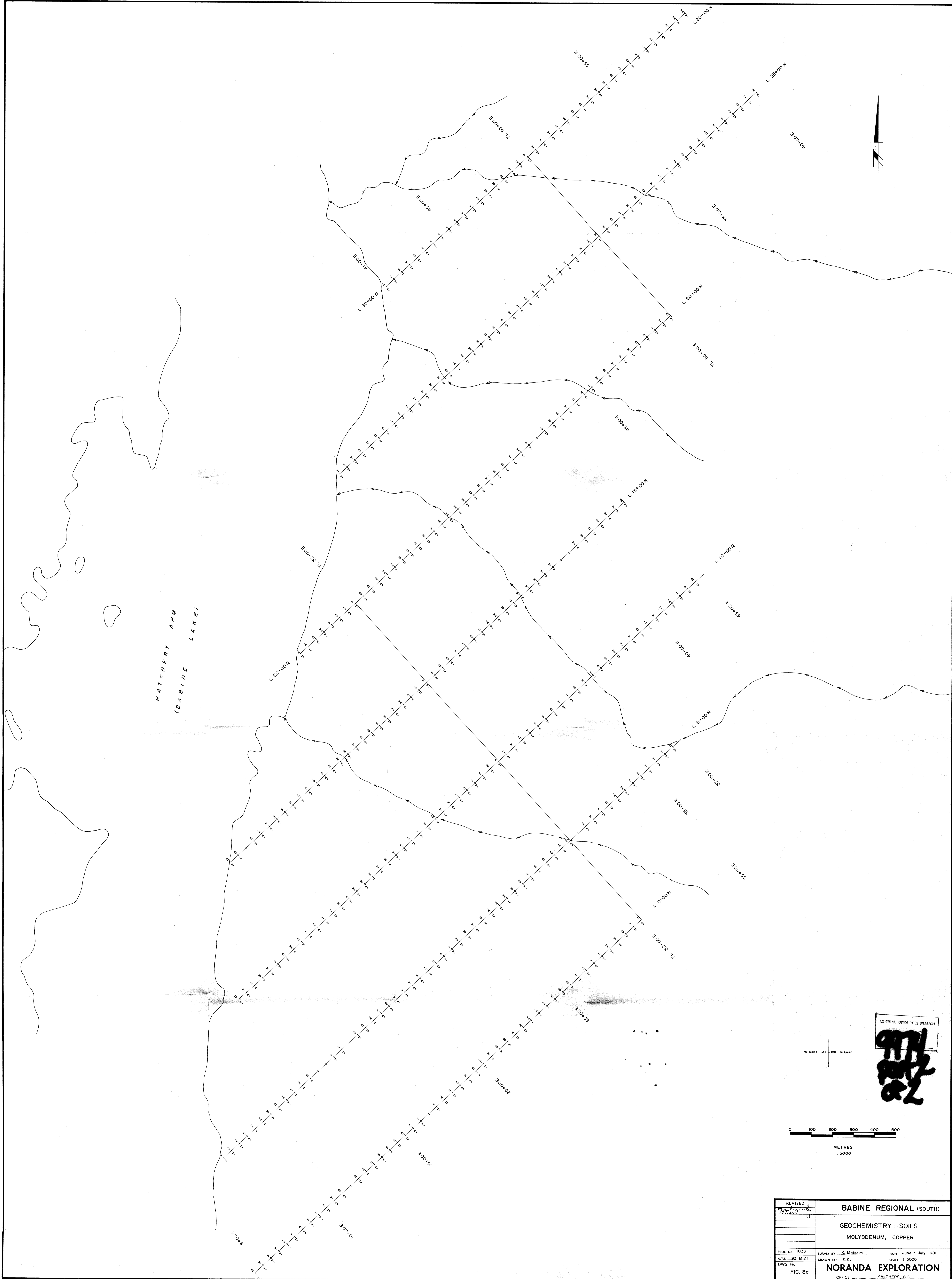


HATCHERY ARM  
(BABINE LAKE)

MINERAL RESOURCES BRANCH  
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REVISED	BABINE REGIONAL (CENTRAL)	
	GEOCHEMISTRY : SOILS	
	IRON, MANGANESE	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July 1981
NTS: 33 M/1	DRAWN BY: E. C.	SCALE: 1:5000
DWG. No.	NORANDA EXPLORATION	
FIG. 7c	OFFICE: SMITHERS, B.C.	



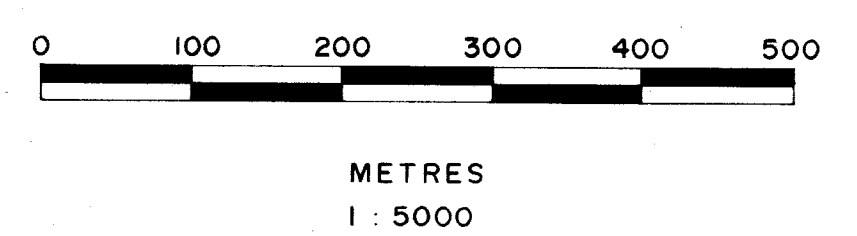
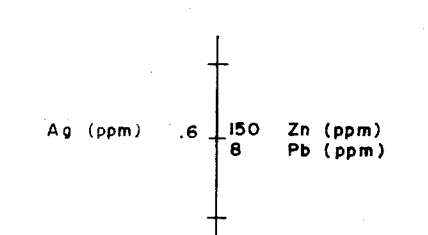
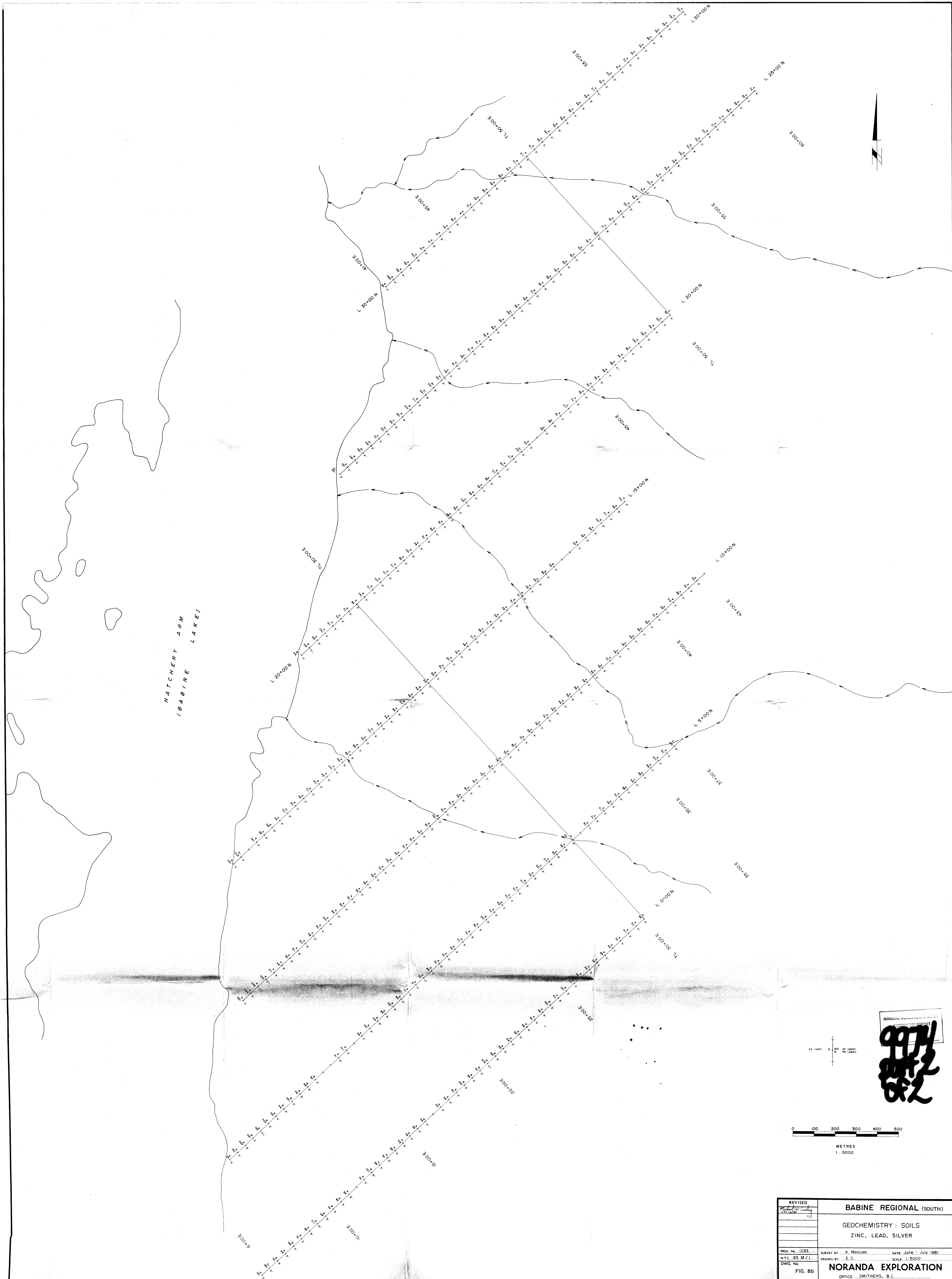
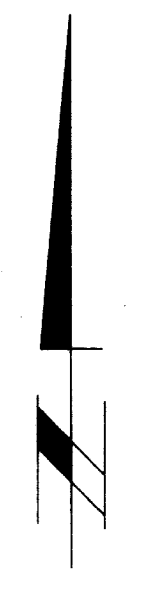
HATCHERY ARM  
(BABINE LAKE)

MINERAL RESOURCES BRANCH  
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0 100 200 300 400 500  
METRES  
1 : 5000

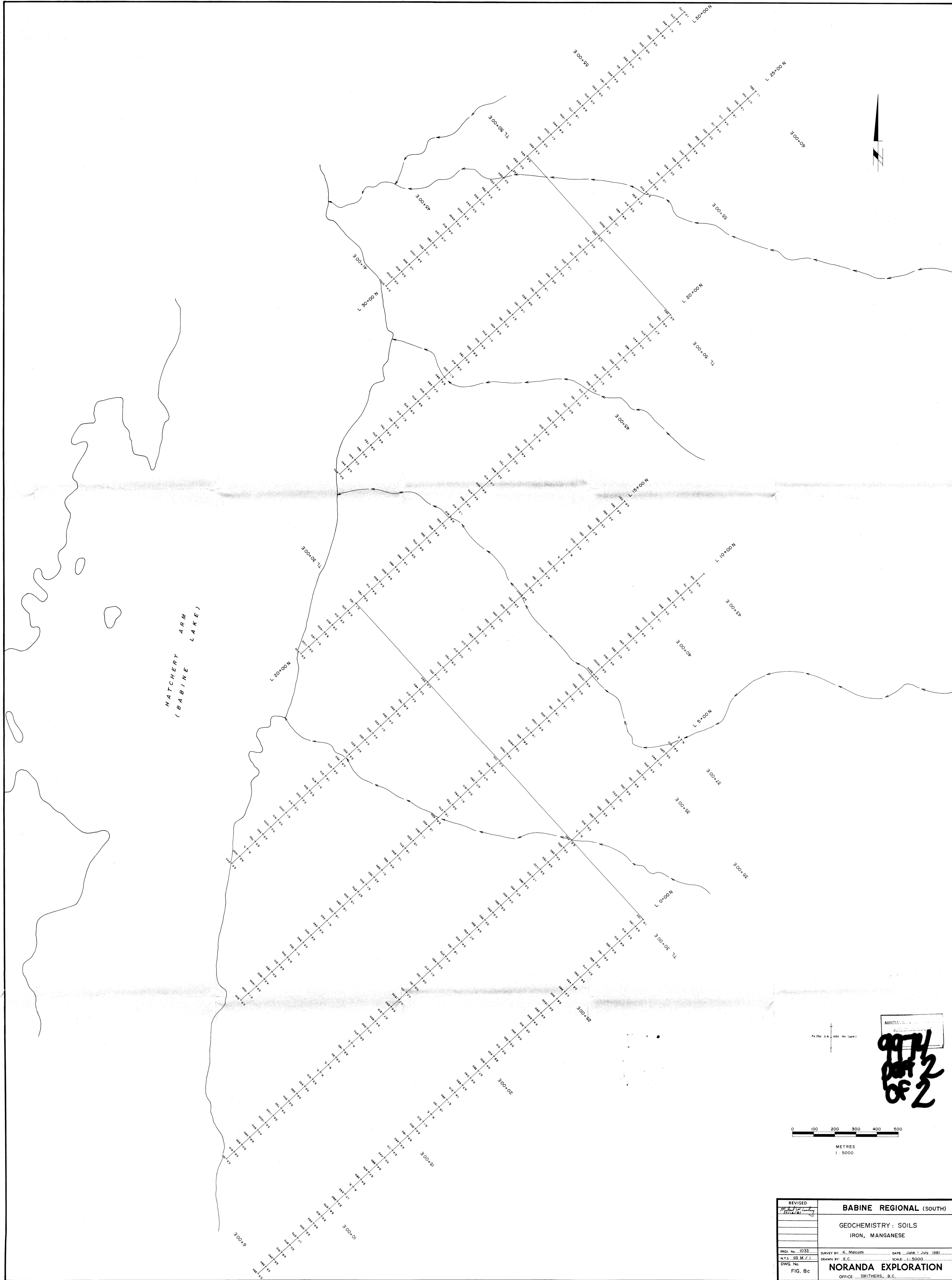
REVISED <i>[Signature]</i>	<b>BABINE REGIONAL (SOUTH)</b>	
	GEOCHEMISTRY : SOILS	
	MOLYBDENUM, COPPER	
PROJ. No. 1033	SURVEY BY: K. Meiselm	DATE: June - July 1981
NTS - 93 M / 1	DRAWN BY: E.C.	SCALE: 1:5000
DWG. No. FIG. 8a	<b>NORANDA EXPLORATION</b>	
	OFFICE: SMITHERS, B.C.	

HATCHERY ARM  
(BABINE LAKE)

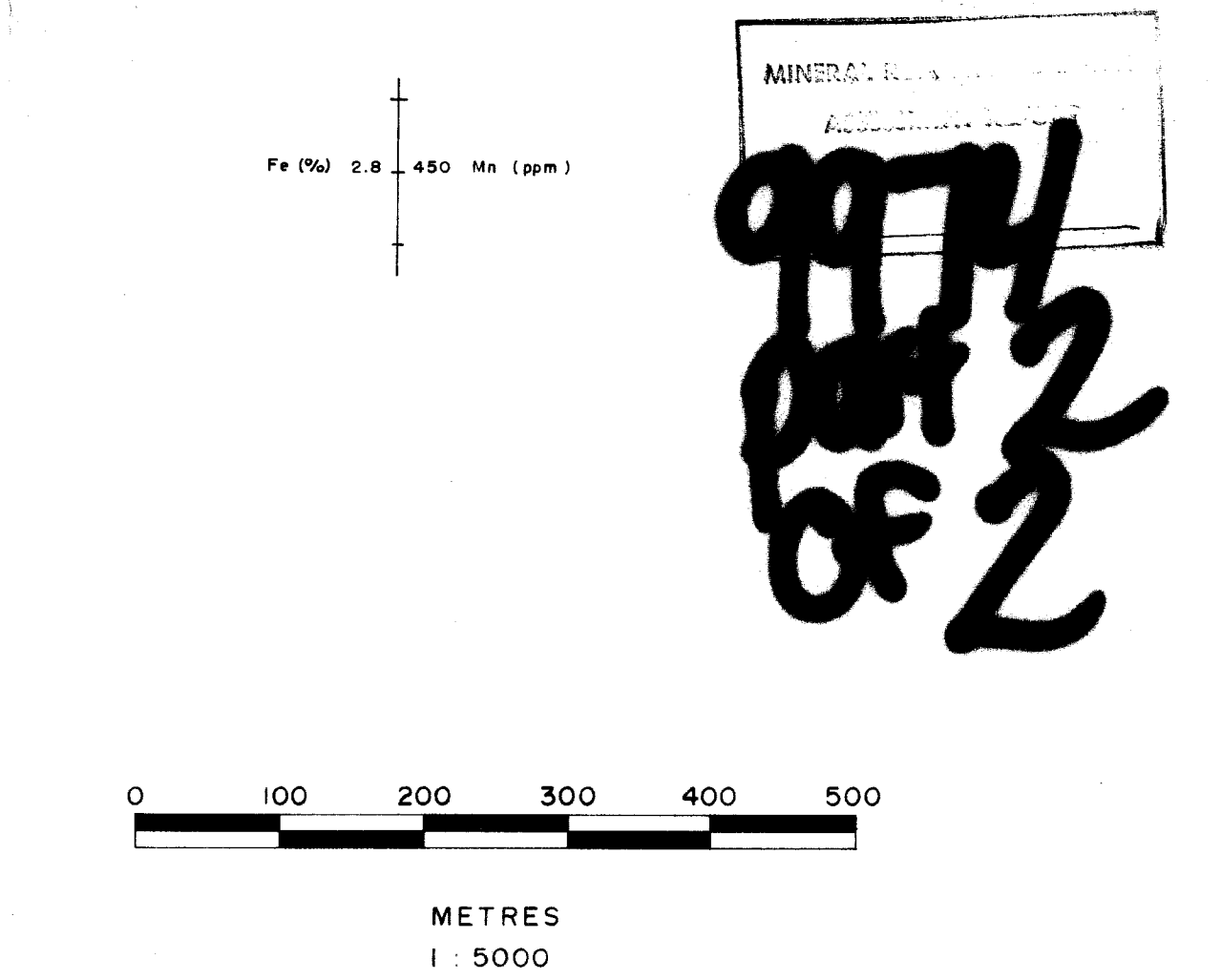


MINERAL  
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REVISED <i>Philip W. Leach</i> <i>1/27/81</i>	<b>BABINE REGIONAL (SOUTH)</b>	
	GEOCHEMISTRY : SOILS ZINC, LEAD, SILVER	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July 1981
N.T.S. 93 M/1	DRAWN BY: E.C.	SCALE: 1:5000
DWG. No.	<b>NORANDA EXPLORATION</b>	
FIG. 8b	OFFICE: SMITHERS, B.C.	



HATCHERY ARM  
(BABINE LAKE)

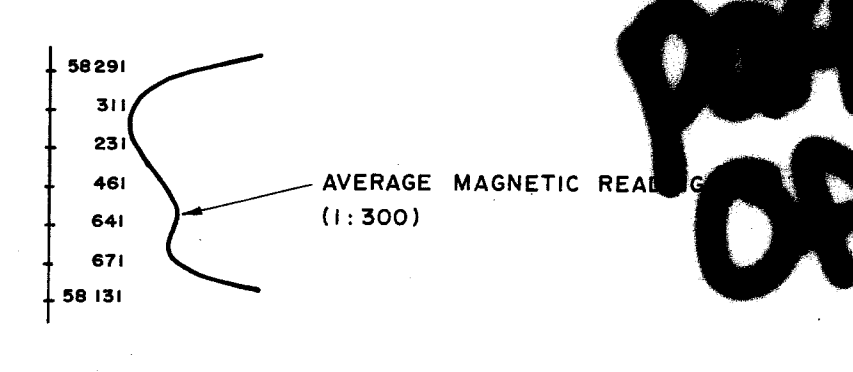


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2  
of  
2

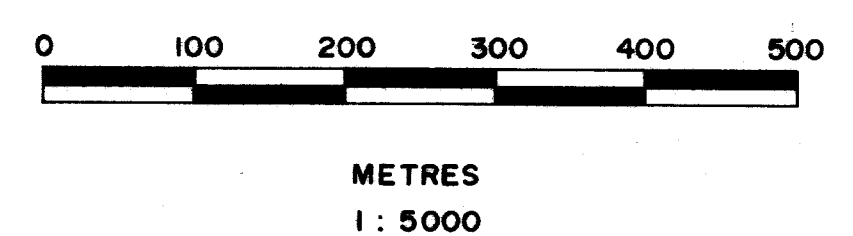
REVISED	<b>BABINE REGIONAL (SOUTH)</b>	
<i>John W. Lundy</i>	GEOCHEMISTRY: SOILS	
	IRON, MANGANESE	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July 1981
NTS: 55 M / 1	DRAWN BY: E.C.	SCALE: 1:5000
EDWG. No.	FIG. 8c	
	OFFICE: SMITHERS, B.C.	



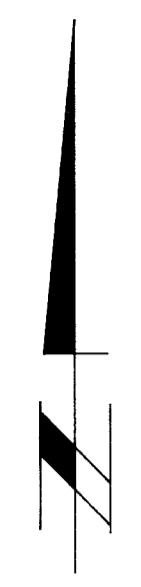
HATCHERY ARM  
(BABINE LAKE)



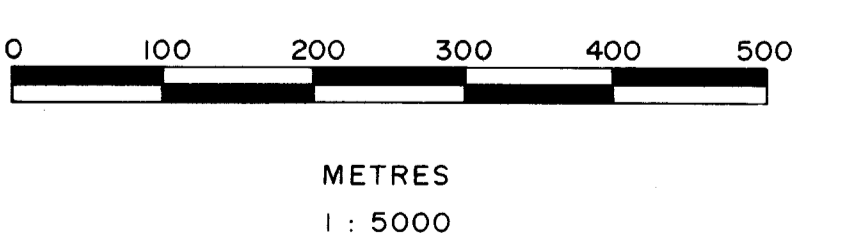
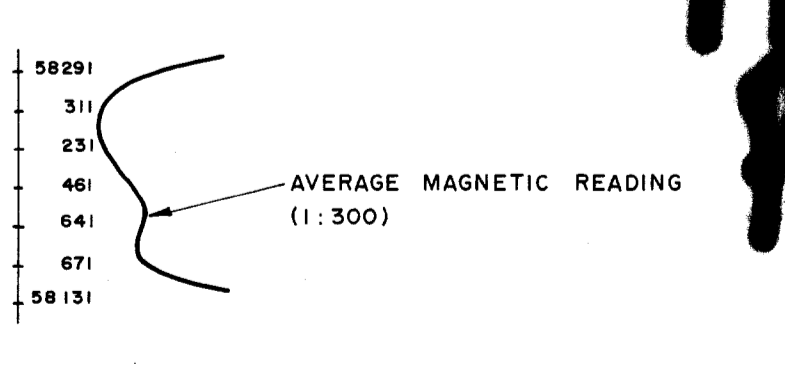
**974**  
**Part 2**  
**of 2**



REVISED	<b>BABINE REGIONAL (NORTH)</b>	
	MAGNETOMETER SURVEY	
	INSTRUMENT: UNIMAG	
	DATUM: 58 000 $\gamma$	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July 1981
NTS. 35 M / 1	DRAWN BY: E.C.	SCALE: 1:5000
DWG. No.	<b>NORANDA EXPLORATION</b>	
FIG. 9a	OFFICE: SMITHERS, B.C.	



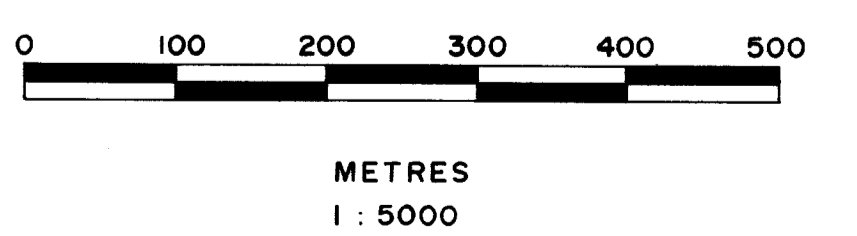
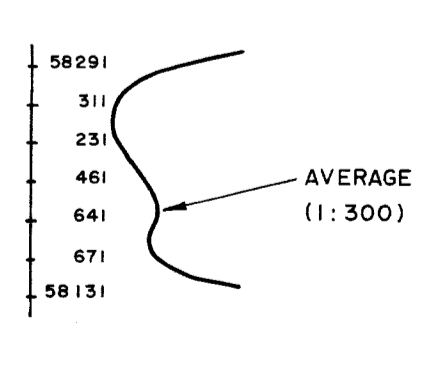
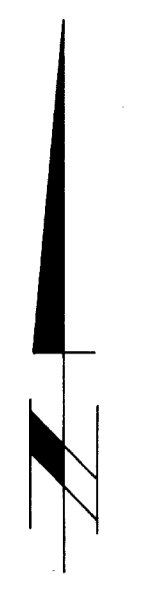
HATCHERY ARM  
(BABINE LAKE)



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1 of 2

REVISED	BABINE REGIONAL (CENTRAL)	
	MAGNETOMETER SURVEY	
	INSTRUMENT: UNIMAG	
	DATUM: 58 000 X	
PROJ. No. 1033	SURVEY BY: K. Malcolm	DATE: June - July 1981
DATE: 93 M/1	DRAWN BY: E.C.	SCALE: 1:5000
DWG No.	NORANDA EXPLORATION	
FIG. 9b	OFFICE: SMITHERS, B.C.	

HATCHERY ARM  
(BABINE LAKE)

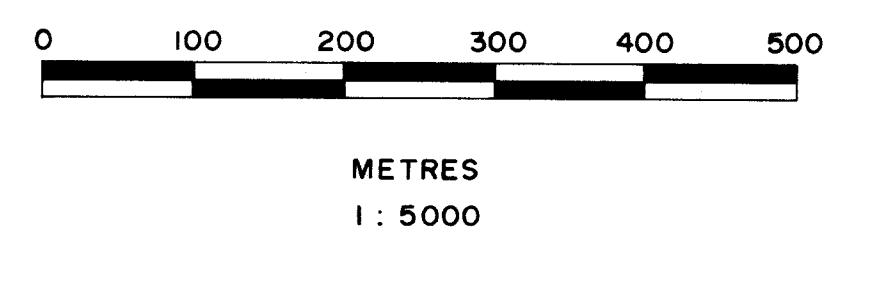
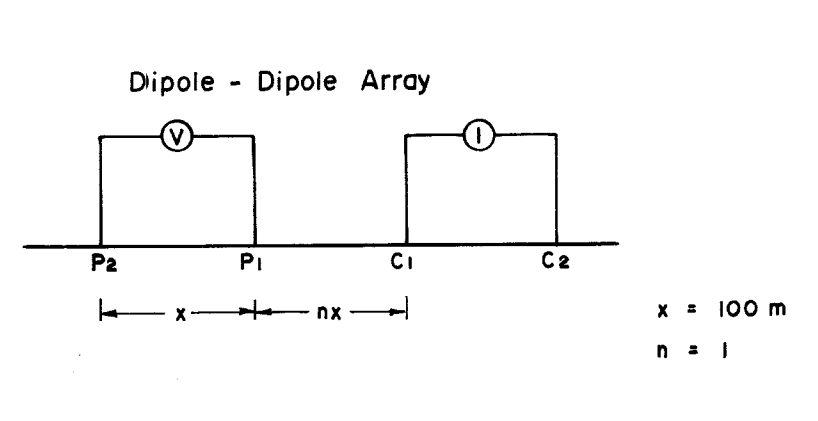
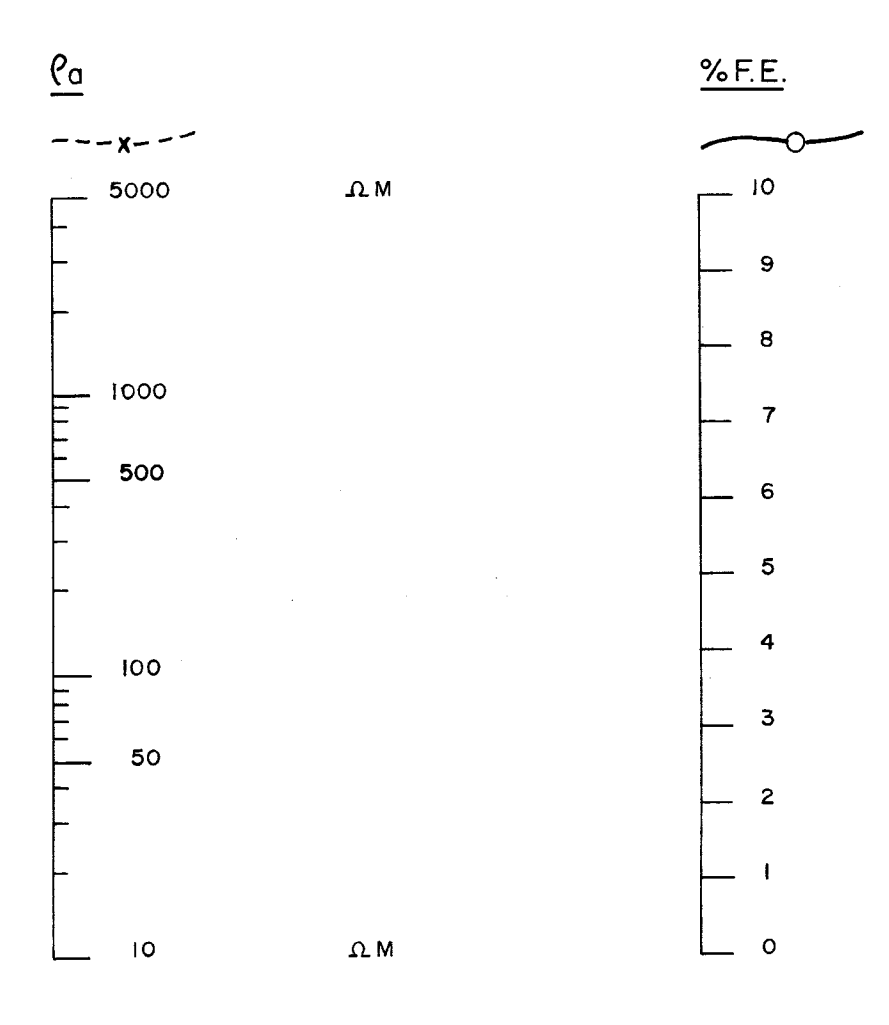


9974  
Part 2  
002

REVISED	<b>BABINE REGIONAL (SOUTH)</b>	
	MAGNETOMETER SURVEY	
	INSTRUMENT : UNIMAG	
	DATUM : 58 000 X	
PROJ. No. 1033	SURVEY BY : K. Malcolm	DATE : June - July 1981
NTS. 93 M / 1	DRAWN BY : E.S.	SCALE : 1:5000
DWG. No.	<b>NORANDA EXPLORATION</b>	
FIG. 9c	OFFICE : SMITHERS, B.C.	



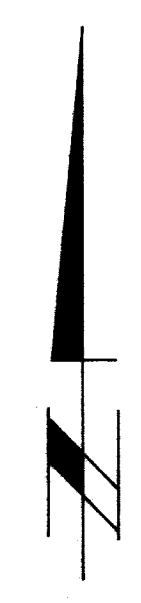
HATCHERY ARM  
(BABINE LAKE)



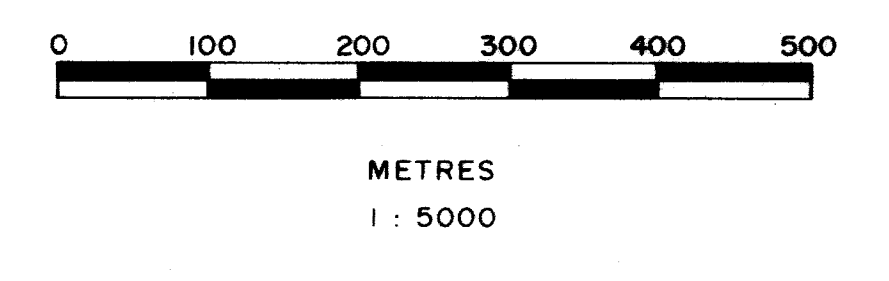
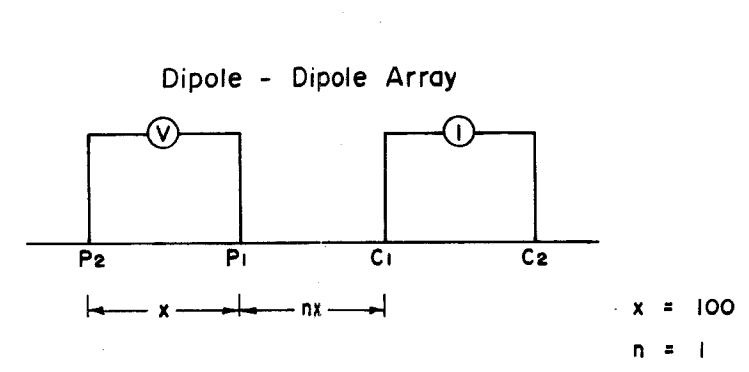
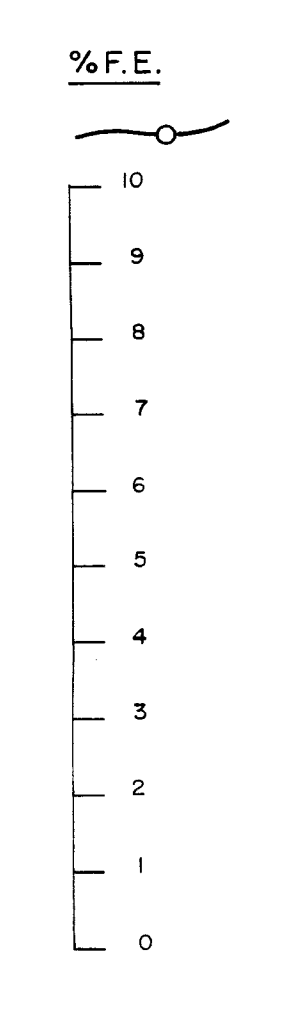
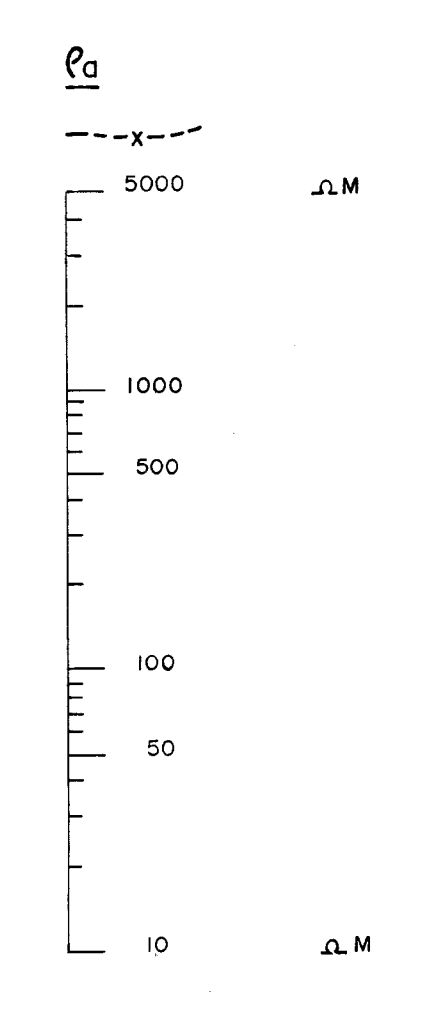
MINERAL RESOURCES BRANCH  
ASSISTANT MINISTER  
NORANDA  
9974  
Part 2  
of 2

REVISED	BABINE REGIONAL (NORTH)
INDUCED POLARIZATION SURVEY	
ρ <sub>a</sub> & P.F.E.	
PROJ. No. 1033	SURVEY BY: P.G. M.S., B.A., G.E. DATE: June - July, 1981
DWG. No.	SCALE: 1:5000
FIG. 10a	NORANDA EXPLORATION
	OFFICE: SMITHERS, B.C.





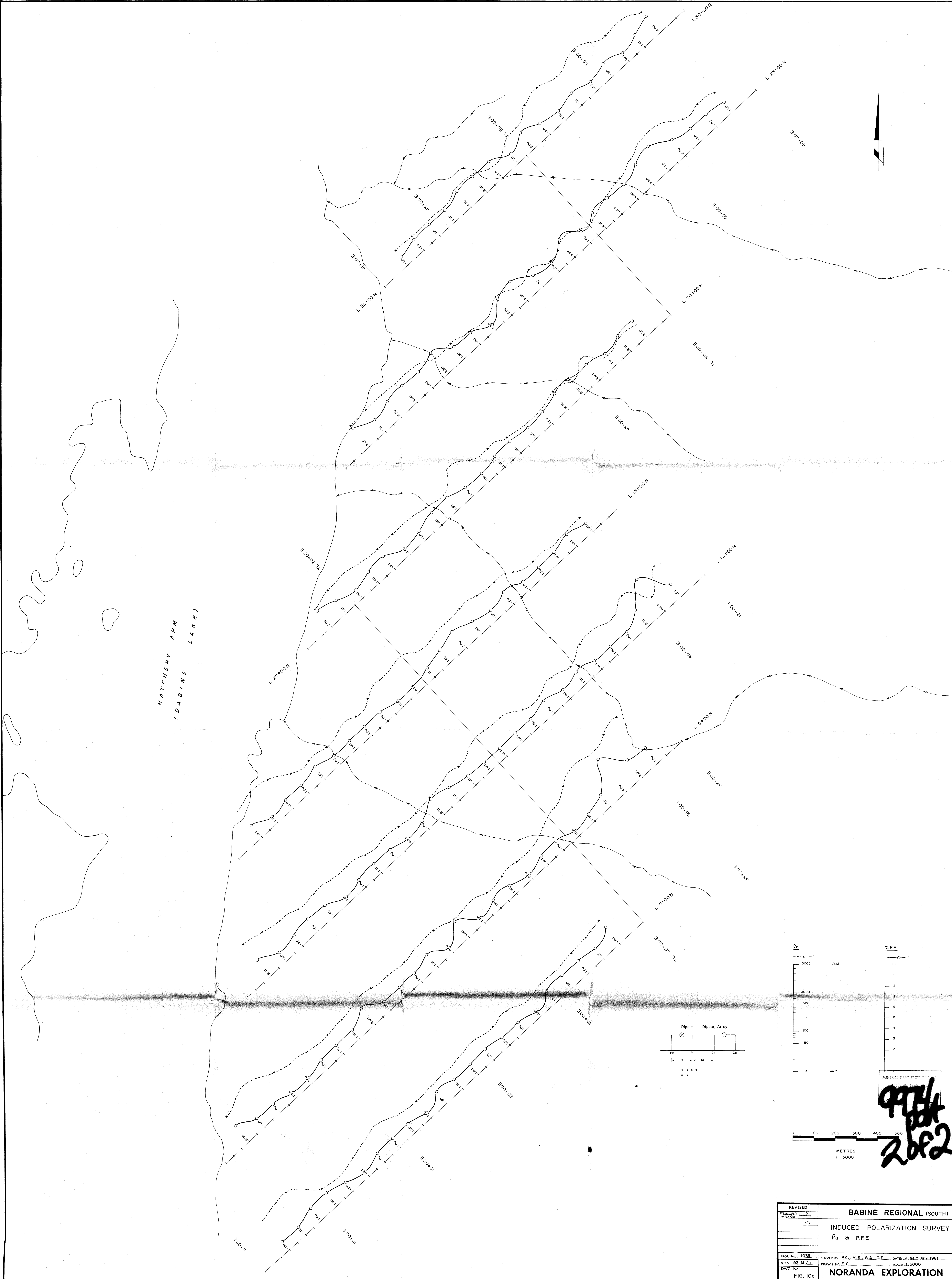
HATCHERY ARM  
(BABINE LAKE)



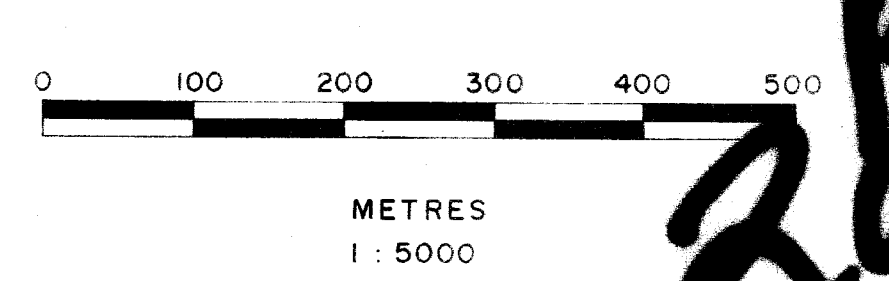
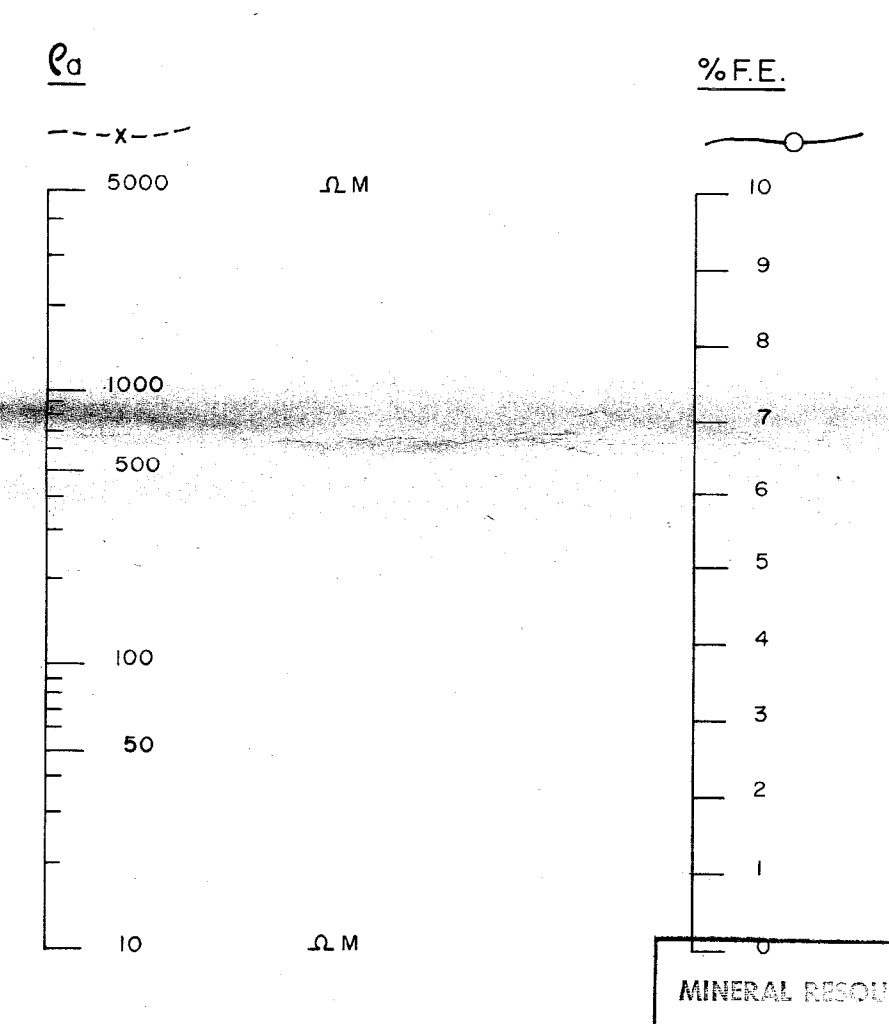
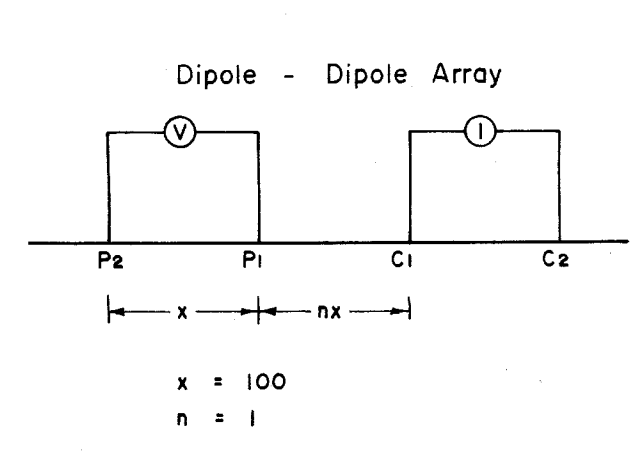
9974  
part 2  
of 2

REVISED	BABINE REGIONAL (CENTRAL)
INDUCED POLARIZATION SURVEY	
$\rho_a$ & P.F.E.	
FIG. 10B	NORANDA EXPLORATION
	OFFICE: SMITHERS, B.C.

MINERAL RESOURCES DIVISION  
INDUSTRY DEPARTMENT  
SURVEY BY: P.C., M.S., B.A., G.E., DATE: June-July 1981  
SCALE: 1:5000  
DRAWN BY: E.C.  
FIG. 10B



HATCHERY ARM  
(BABINE LAKE)



*Handwritten signature and date:*  
P.H.  
2082

REVISED	BABINE REGIONAL (SOUTH)
INDUCED POLARIZATION SURVEY	
P <sub>a</sub> & P.F.E.	
PROJ. No. 1033	SURVEY BY: P.C., M.S., B.A., G.E. DATE: June - July 1981
N.T.S. 25 M/1	DRAWN BY: E.C. SCALE: 1:5000
DWG. No.	
FIG. 10c	NORANDA EXPLORATION
	OFFICE: SMITHERS, B.C.