

82-#841-10880

1982 ASSESSMENT REPORT
Geology, Geochemistry, Geophysics
and Trenching

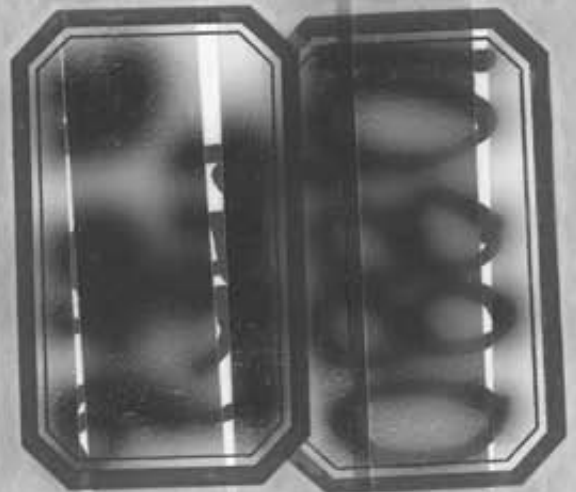
on the TA HOOLA PROJECT Claims

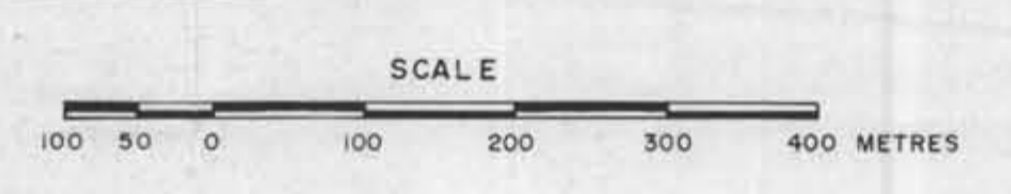
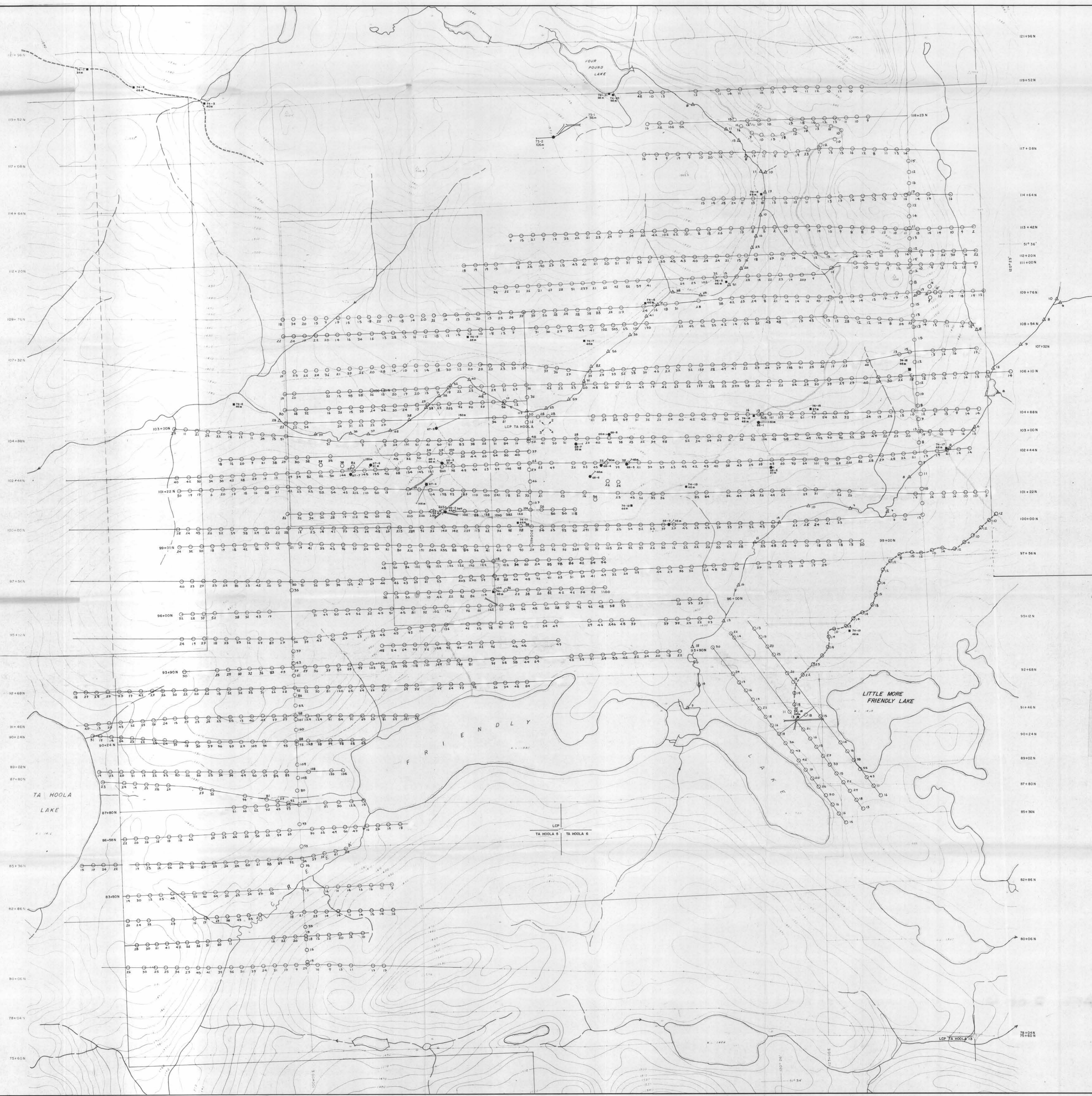
Ta Hoola 1-6, 9 and 10-13 and
RO 15-18, 29, 31 and 32 claims

November 1982

Paul Ruck
Vol 2 of 3

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- LEGEND**
- Silt sample location and result
 - Soil sample location and result
 - Contours (metres)
 - Roads
 - Trench
 - Diamond drill hole location, year and number
 - Percussion drill hole location, year and number
-
- ≥ 25 ppm Pb
 - ≥ 50 ppm Pb
 - ≥ 100 ppm Pb
 - ≥ 200 ppm Pb

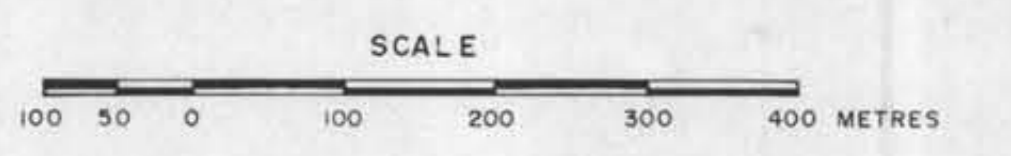
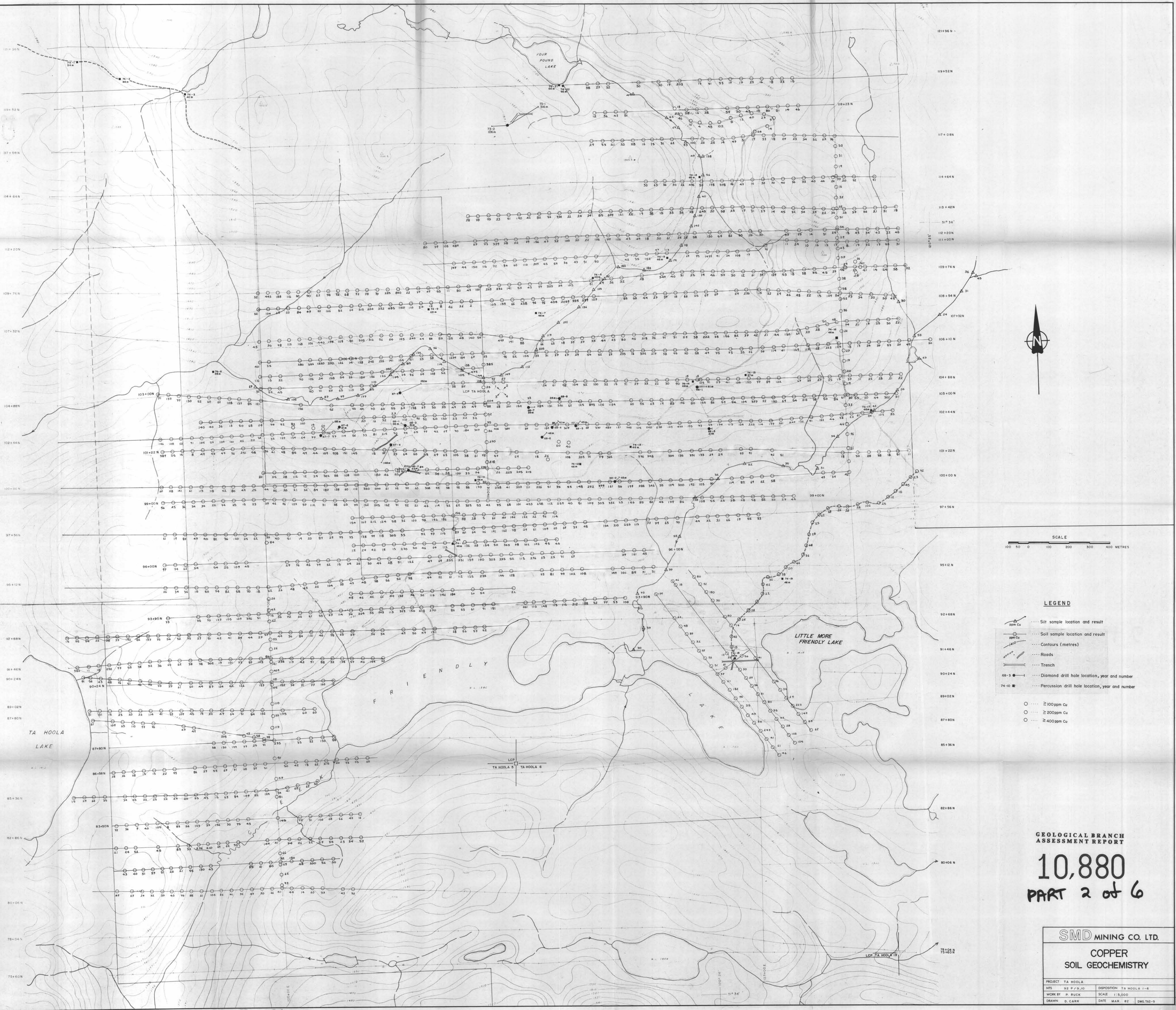
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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SMD MINING CO. LTD.

**LEAD
SOIL GEOCHEMISTRY**

PROJECT TA HOOLA	DISPOSITION TA HOOLA 1-6
TITLE 92 P 29 10	SCALE 1:5,000
WORK BY P. RUCK	DATE MAR. 82
DRAWN D. CARR	DWG. TA-8



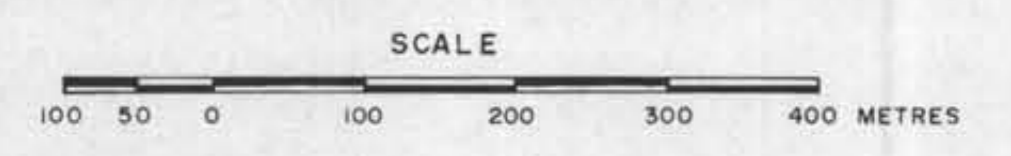
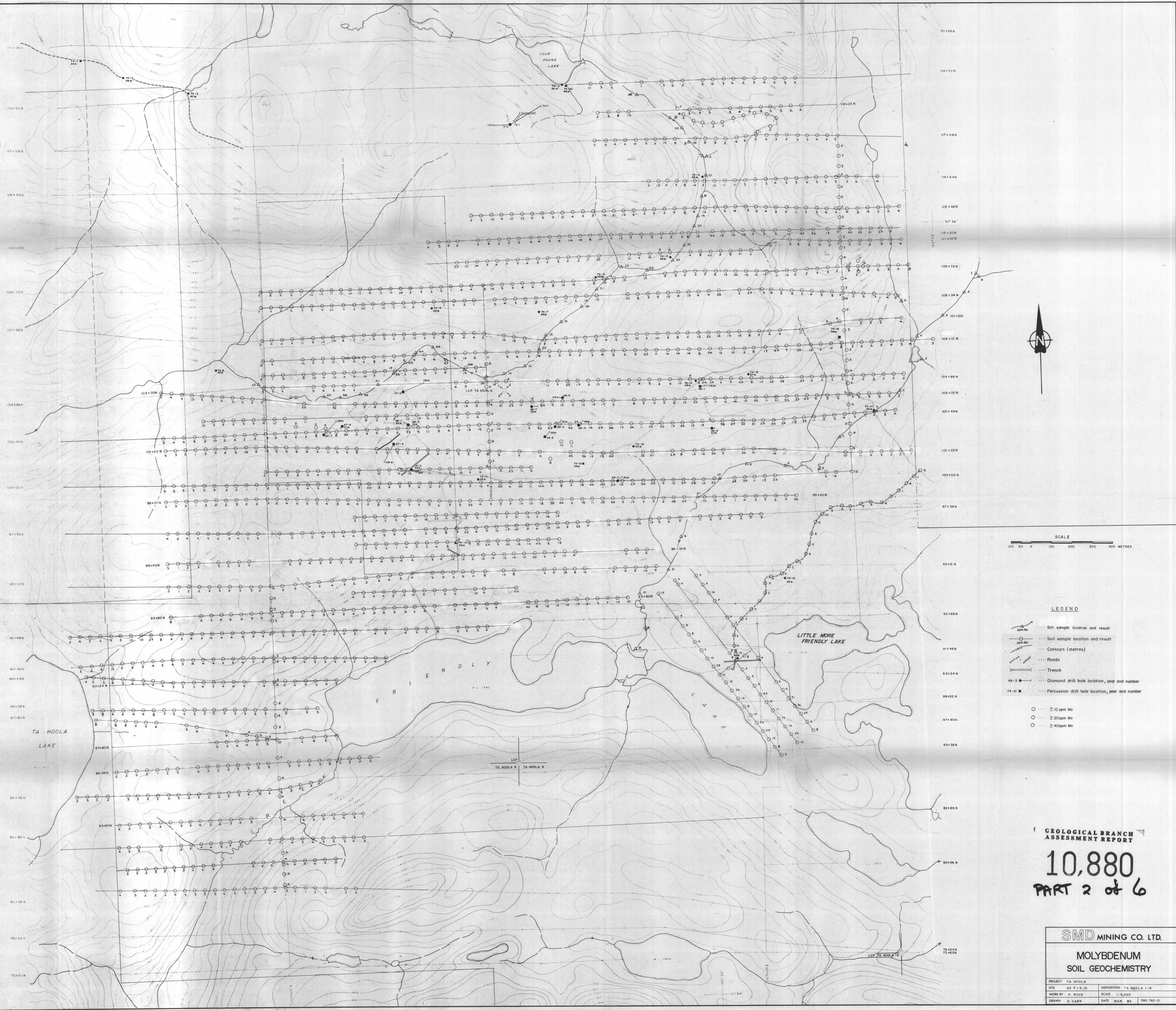
LEGEND

- Silt sample location and result
 - Soil sample location and result
 - Contours (metres)
 - Roads
 - Trench
 - ◆ Diamond drill hole location, year and number
 - Percussion drill hole location, year and number
-
- ≥100ppm Cu
 - ≥200ppm Cu
 - ≥400ppm Cu

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SMD MINING CO. LTD.	
COPPER SOIL GEOCHEMISTRY	
PROJECT TA HOOLA	DISPOSITION TA HOOLA 1-6
HTS 92 P/P-10	SCALE 1:5,000
WORK BY P. RUCK	DATE MAR. 82
DRAWN D. CARR	DWG. TAZ-9



LEGEND

- Silt sample location and result
 - Soil sample location and result
 - Contours (metres)
 - Roads
 - Trench
 - Diamond drill hole location, year and number
 - Percussion drill hole location, year and number
-
- ≥ 10 ppm Mo
 - ≥ 20 ppm Mo
 - ≥ 40 ppm Mo

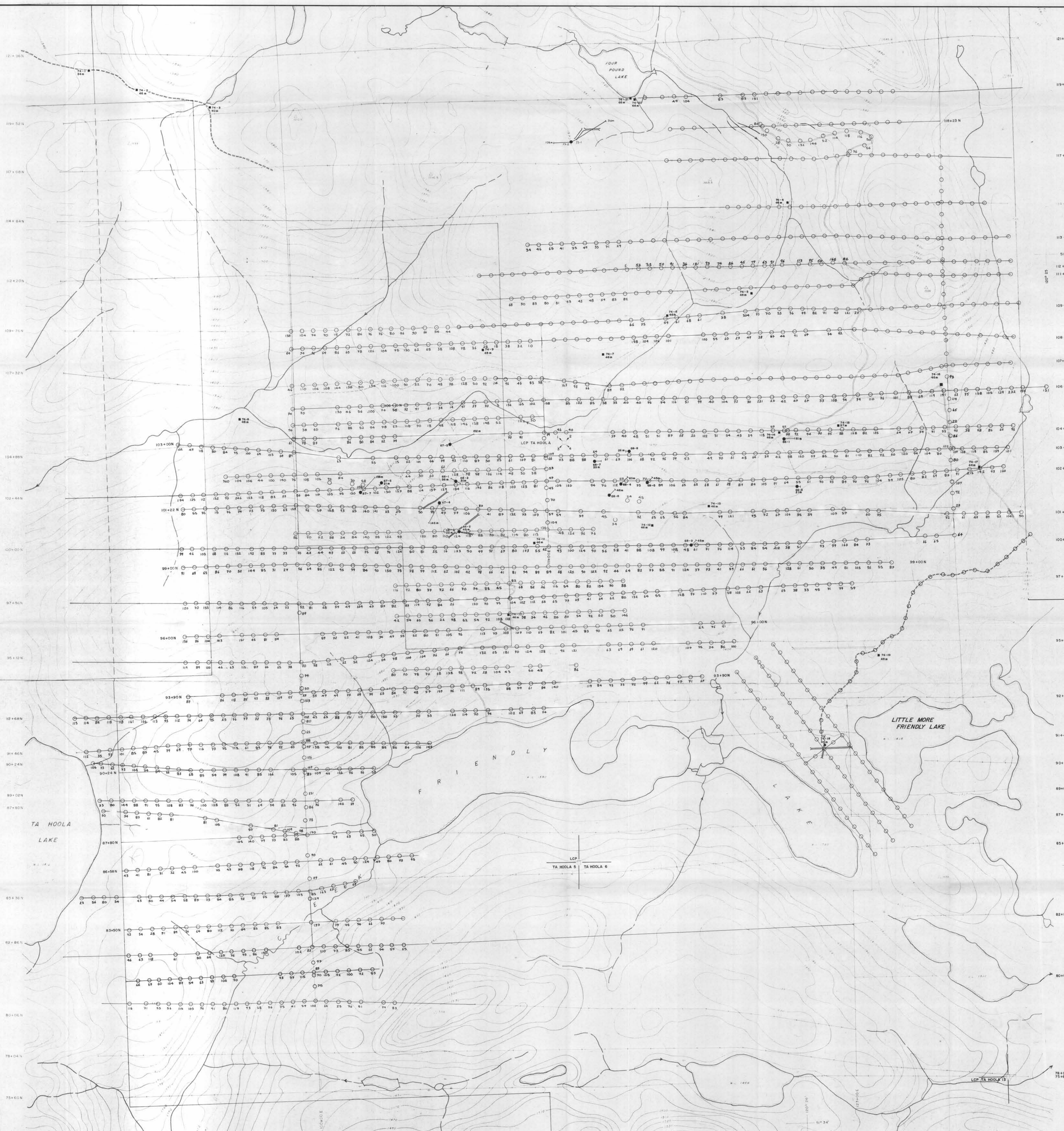
**GEOLOGICAL BRANCH
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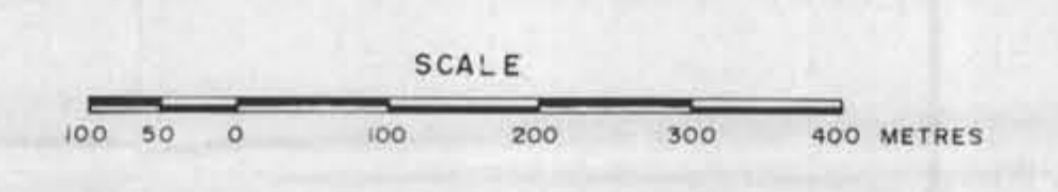
SMD MINING CO. LTD.

**MOLYBDENUM
SOIL GEOCHEMISTRY**

PROJECT	TA HOOLA	DISPOSITION	TA HOOLA 1-6
DATE	82 P/9/10	SCALE	1:5,000
WORK BY	P. RUCK	DATE	MAR. 82
DRAWN	D. CARR	DWG.	TA2-10



BU8L 5 9 9



LEGEND

- ppm Zn
 - Contours (metres)
 - Roads
 - Trench
 - 1- Diamond drill hole location, year and number
 - 1- Percussion drill hole location, year and number
- ≥ 100 ppm Zn
○ ≥ 200 ppm Zn

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SMD MINING CO. LTD.

ZINC
SOIL GEOCHEMISTRY

PROJECT TA HOOLA	DISPOSITION TA HOOLA 1-6
NTS 92 P 9,10	SCALE 1:5,000
WORK BY P. RUCK	DATE MAR. 82
DRAWN D. CARR	DWG. 102-11



LEGEND

- ppm As --- Silt sample location and result
- ppm As --- Soil sample location and result
- Creek
- Swamp
- Roads
- --- ≥ 50 ppm As
- --- ≥ 100 ppm As

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SCALE 1:5000
0 100 200 300 METERS

SMD MINING CO. LTD.

**ARSENIC
SOIL GEOCHEMISTRY**

PROJECT	TA HOOLA
NTS	92 P / 10
WORK BY	P. RUCK
DRAWN	90
DISPOSITION	TA HOOLA 9-12
SCALE	1:5000
DATE	AUG 1982
DWG. NO.	T2-13



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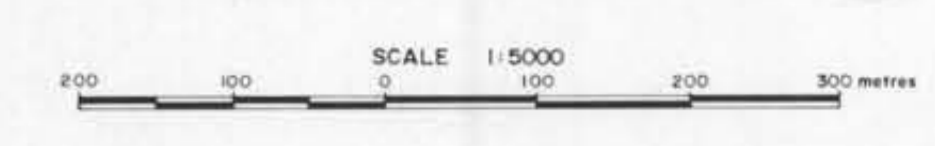
LEGEND

- ▲ ppm Ag ... Silt sample location and result
- ppm Ag ... Soil sample location and result
- Creek
- Swamp
- Roads

- ... ≥ 1.7 ppm Ag
- ... ≥ 3.4 ppm Ag
- ... ≥ 5.1 ppm Ag

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

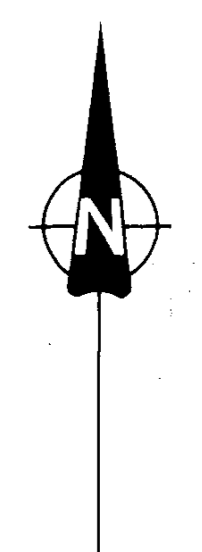
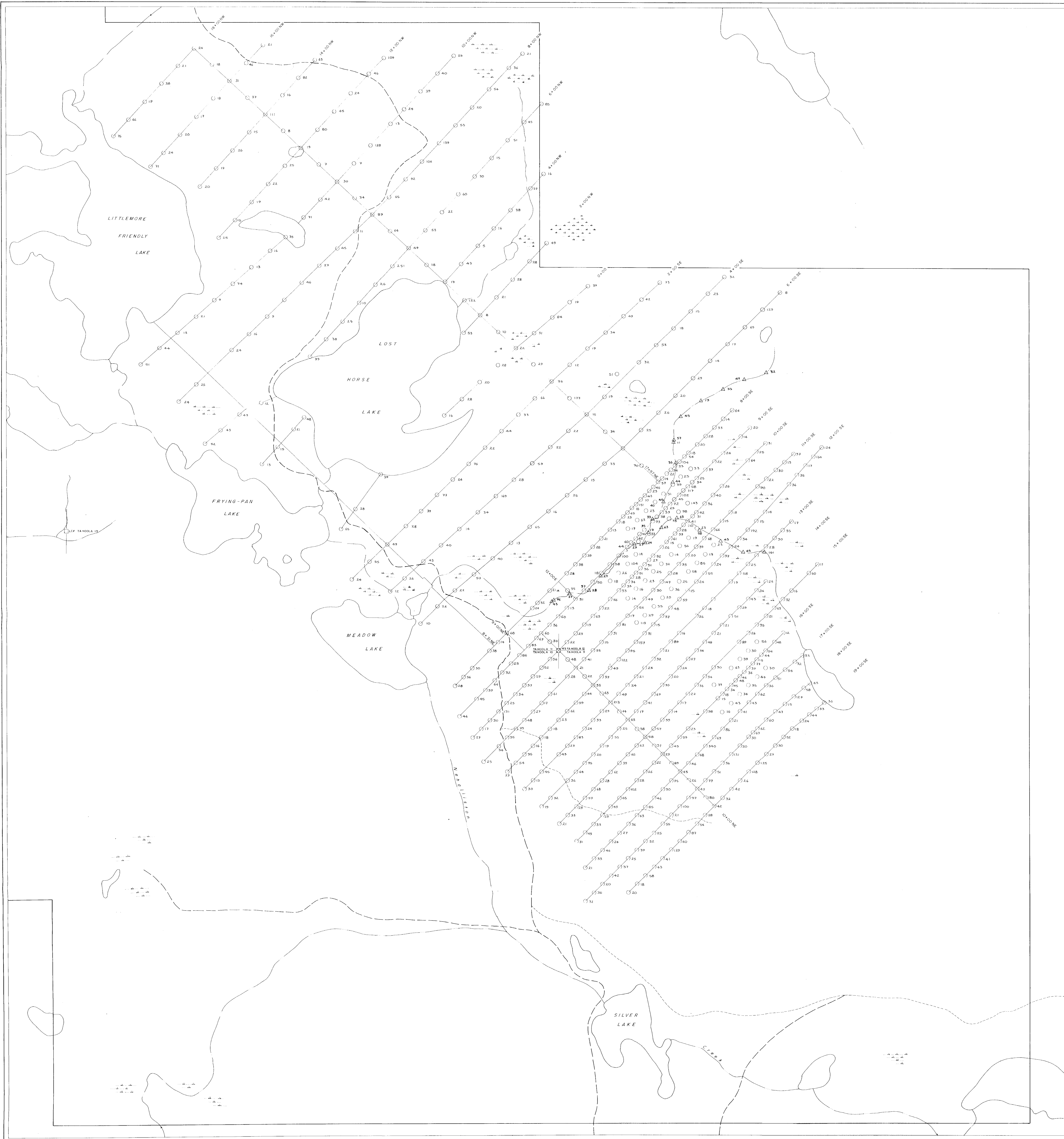
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SMD MINING CO. LTD.

**SILVER
SOIL GEOCHEMISTRY**

PROJECT	TA HOOLA	DISPOSITION	TA HOOLA 9-12
NTS	92 P/10	SCALE	1:5000
WORK BY	P. RUCK	DATE	AUG 1982
DRAWN	SG	DWG.	TA.2-14



LEGEND

- ppm Cu - Silt sample location and result
- ppm Cu - Soil sample location and result
- Creek
- Swamp
- Roads
- ≥100 ppm Cu

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

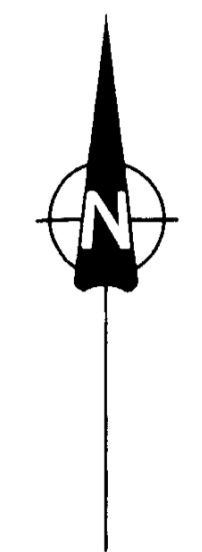
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SCALE 1:5000

SMD MINING CO. LTD.

**COPPER
SOIL GEOCHEMISTRY**

PROJECT	TA HOOLA	DISPOSITION	TA HOOLA 9-12
DRAWN	SS	DATE	AUG. 1982
WORK BY	F. RUCK	SCALE	1:5000
DATE	AUG. 1982	DWG NO.	102-16



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- LEGEND**
- ppm Zn ... Soil sample location and result
 - Creek
 - Swamp
 - Roads
 - ... ≥ 150 ppm Zn
 - ... ≥ 300 ppm Zn

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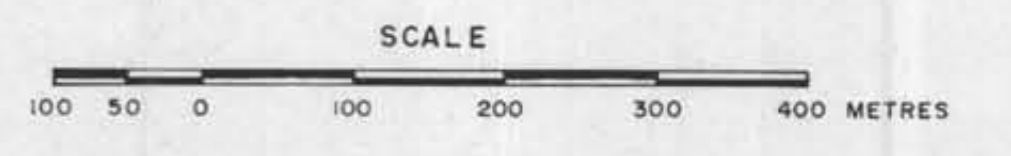
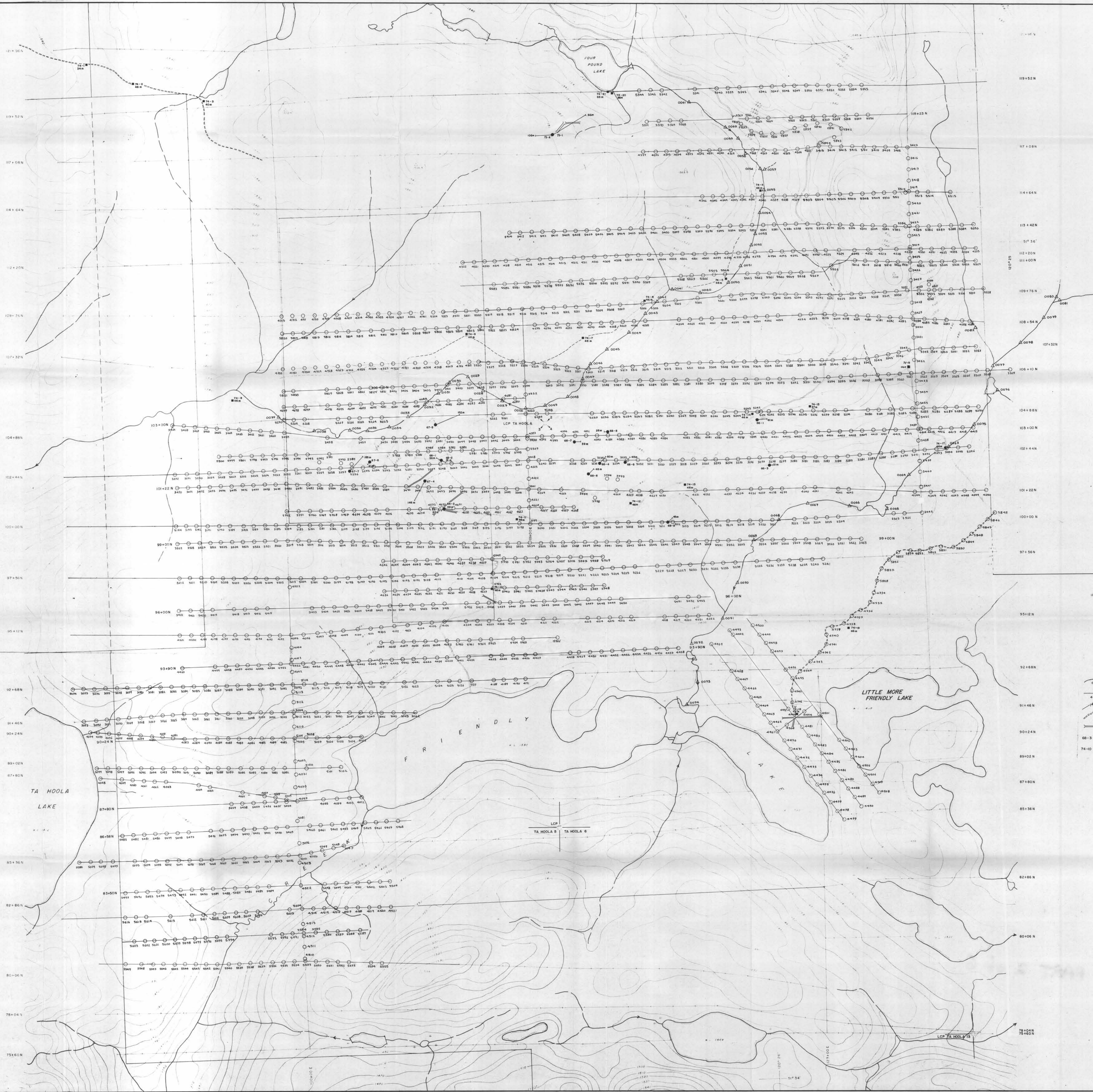
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SCALE 1:5000
0 100 200 300 METERS

SMD MINING CO. LTD.

**ZINC
SOIL GEOCHEMISTRY**

PROJECT	TA HOOLA
NTS.	92 P/10
WORK BY	P. RUCK
DRAWN	SG
DISPOSITION	TA HOOLA 9-12
SCALE	1:5000
DATE	AUG 1982
DWG.	162-17



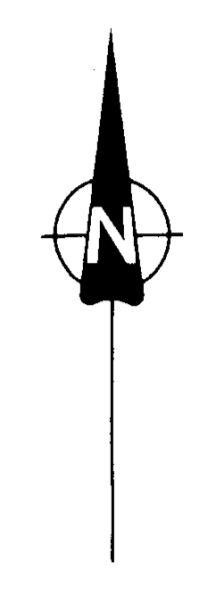
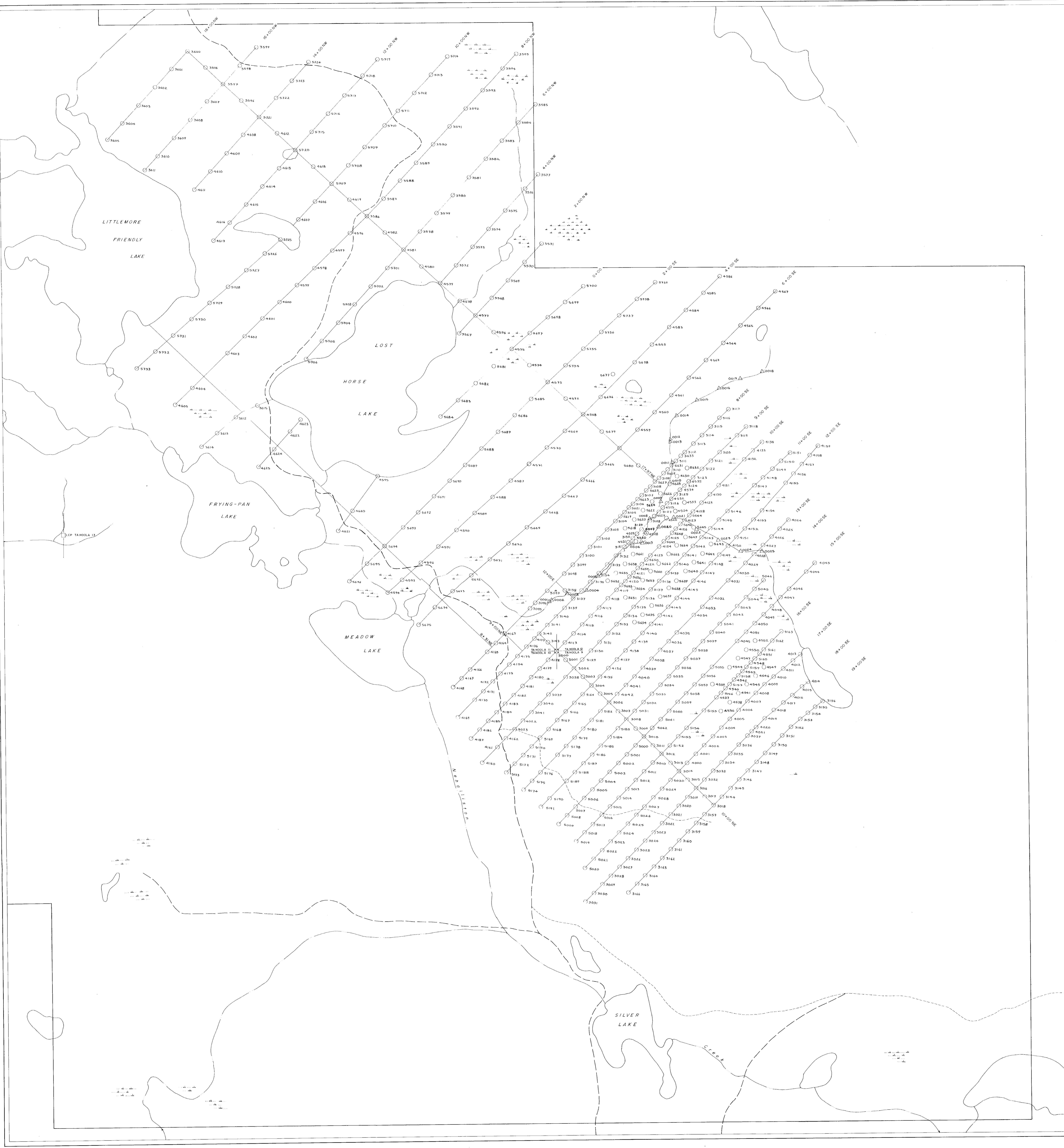
LEGEND

- Silt sample location and number
- Soil sample location and number
- Contours (metres)
- Roads
- Trench
- Diamond drill hole location, year and hole number
- Percussion drill hole location, year and hole number

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SMD MINING CO. LTD.	
SOIL SAMPLE LOCATION MAP	
PROJECT TA HOOLA	
NIS 92 P/3,10	DISPOSITION TA HOOLA 1-6
WORK BY P. RUCK	SCALE 1:5,000
DRAWN D. CARR	DATE MAR. 82
	DWG 102-18



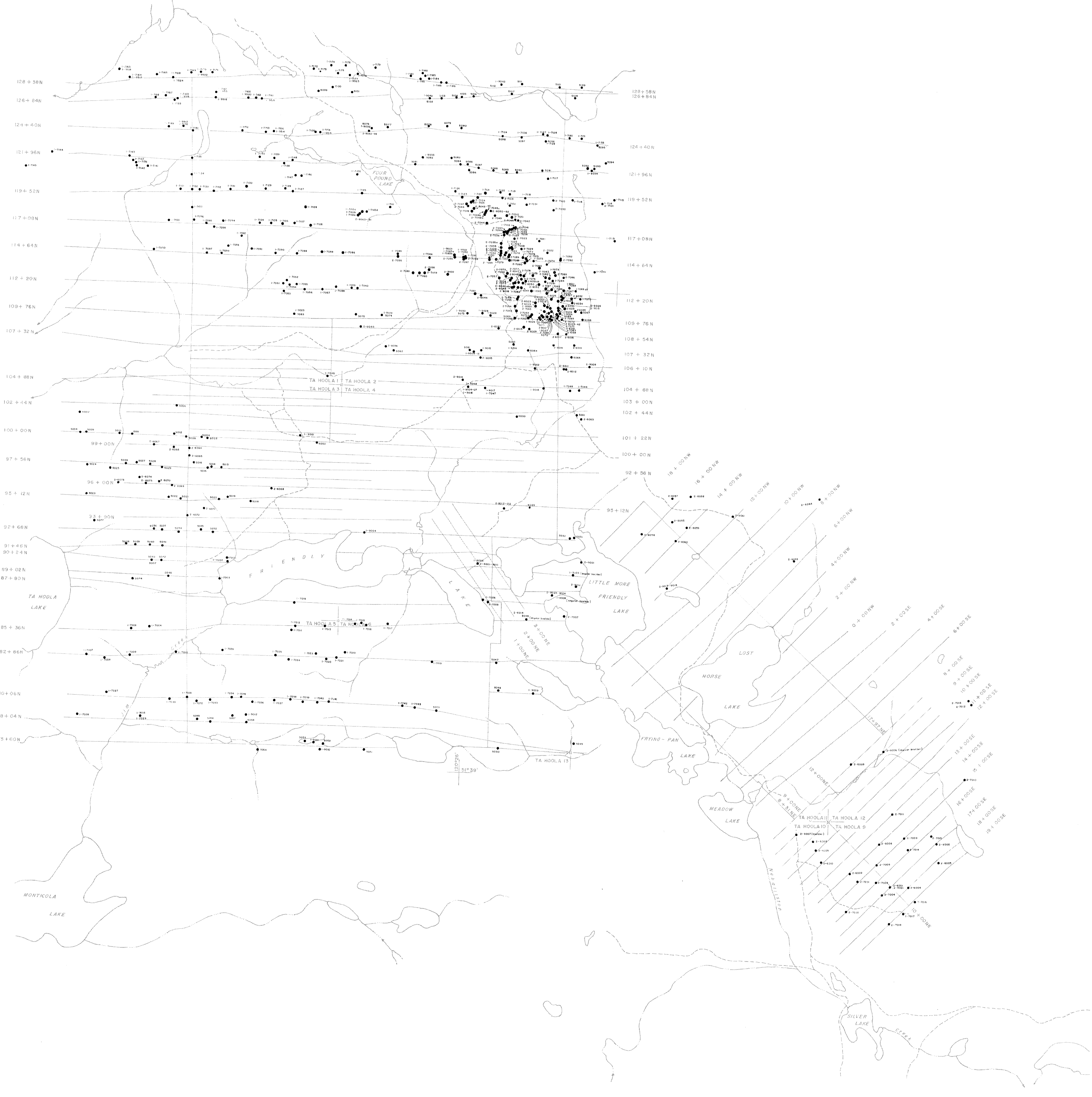
- LEGEND**
- 0009 ... Silt sample location and number
 - 3155 ... Soil sample location and number
 - ... Creek
 - ... Swamp
 - — — ... Roads

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SCALE 1:5000
0 100 200 300 400 500 600 700 800 900 1000

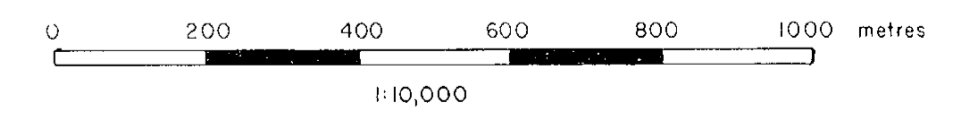
SMD MINING CO. LTD.	
SOIL SAMPLE LOCATION MAP	
PROJECT TA HOOLA	DISPOSITION TA HOOLA 9-12
NTS 92 P/10	SCALE 1:5000
WORK BY FRUCK	DATE AUG 1992
DRAWN SG	ORG T&E



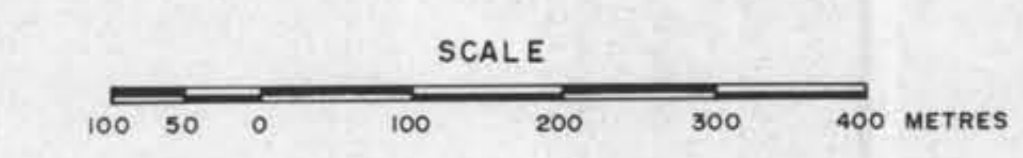
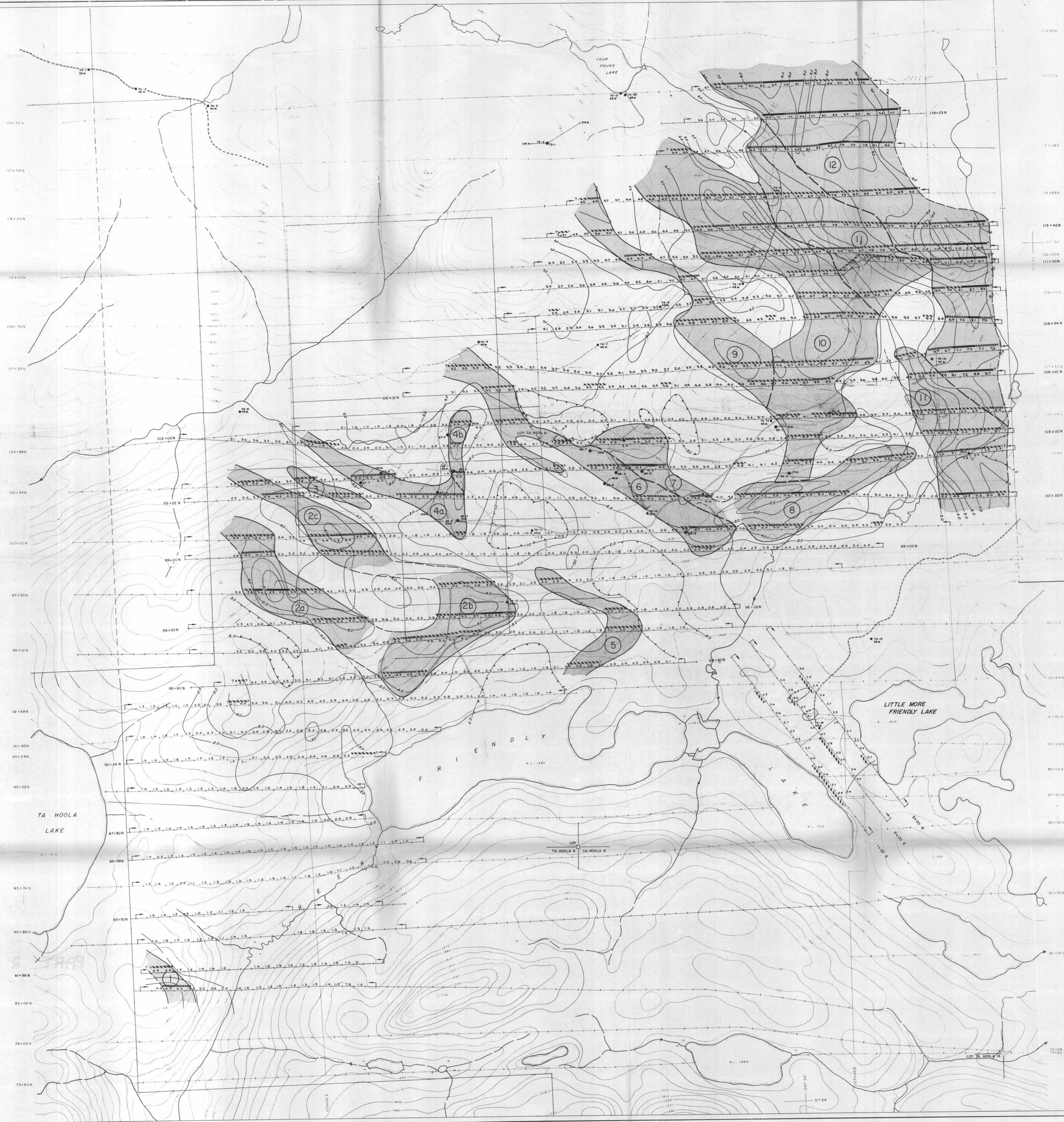
- LEGEND**
- 5030 } 1981 Samples - Geological hand specimens
 - 1-7031 } 1981 Samples - Geological hand specimens
 - 1-9025 - 1981 Samples - Mineralized or altered rock
 - 2-6024 } 1982 Samples - Geological hand specimens
 - 2-7024 } 1982 Samples - Geological hand specimens
 - 2-9004 - 1982 Special samples - Mineralized or altered rock
 - 2-8004 - 1982 Chip (continuous line) samples

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SMD MINING CO. LTD.	
ROCK SAMPLE LOCATION MAP	
PROJECT TA HOOLA	
NTS 92P/ 5,10	DISPOSITION TA HOOLA 1-6, 9-12
WORK BY P. RUCK	SCALE 1:10,000
DRAWN J. W.	DATE NOV 1982 DWG. TA2-20

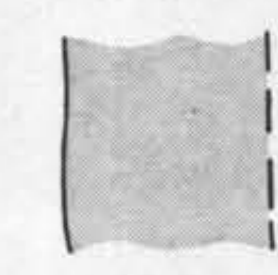


PHOENIX GEOPHYSICS LIMITED
 INDUCED POLARIZATION AND RESISTIVITY SURVEY
 PLAN MAP

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OUTLINE OF THE ANOMALOUS I.P. ZONES:

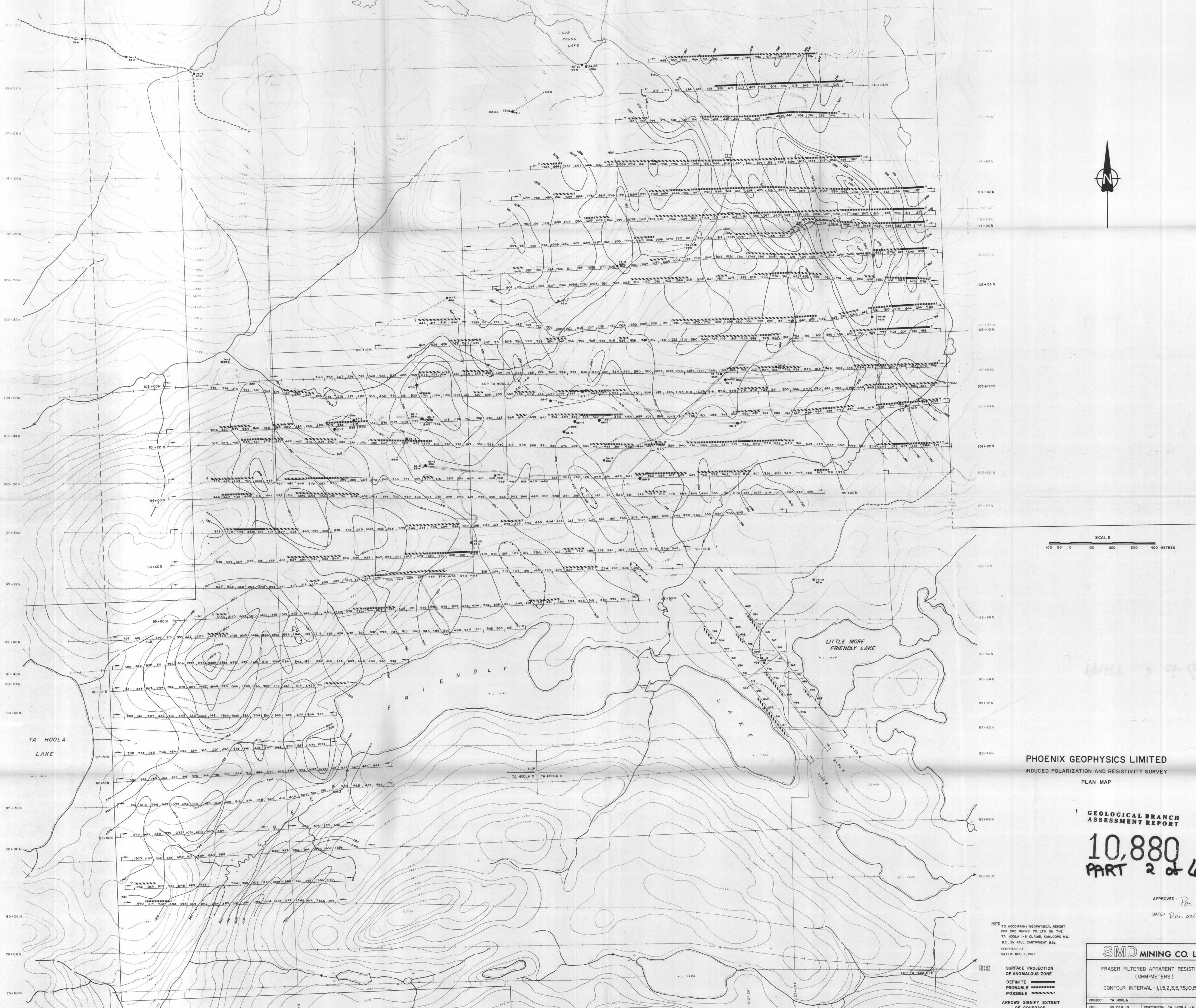


APPROVED: *FAC*
 DATE: Dec 02/82

NOTE TO ACCOMPANY GEOPHYSICAL REPORT FOR SMD MINING CO. LTD. ON THE TA HOOLA 1-6 CLAIMS, HANCOCKS M.D. B.C. BY PAUL CARTWRIGHT B.Sc., GEOPHYSICIST. DATED: DEC. 2, 1982.

SURFACE PROJECTION OF ANOMALOUS ZONE
 DEFINITE
 PROBABLE
 POSSIBLE
 ARROWS SIGNIFY EXTENT OF COVERAGE

SMD MINING CO. LTD.	
FRASER FILTERED PFE VALUES	
CONTOUR INTERVAL 1,2,3,4,5 etc.	
PROJECT TA HOOLA	DISPOSITION TA HOOLA 1-6
NTS 92 P/9, 10	SCALE 1:5000
WORK BY	DATE NOV 1982
DRAWN	DWG. TAD-21



PHOENIX GEOPHYSICS LIMITED
 INDUCED POLARIZATION AND RESISTIVITY SURVEY
 PLAN MAP

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APPROVED: Pac
 DATE: Dec 02/82

NOTE TO ACCOMPANY GEOPHYSICAL REPORT FOR SMD MINING CO. LTD. ON THE TA HOOLA 1-6 CLAIMS, KAM-COOP M.D. B.C., BY PAUL CARTWRIGHT B.Sc. GEOPHYSICIST, DATED DEC. 2, 1982.

SURFACE PROJECTION OF ANOMALOUS ZONE
 DEFINITE
 PROBABLE
 POSSIBLE
 ARROWS SIGNIFY EXTENT OF COVERAGE

SMD MINING CO. LTD.	
FRASER FILTERED APPARENT RESISTIVITY (OHM-METERS)	
CONTOUR INTERVAL - 1,1,5,2,3,5,75,10,5 etc.	
PROJECT TA HOOLA	DISPOSITION TA HOOLA 1-6
RTS 98 P/9, 10	SCALE 1:5000
WORK BY	DATE NOV. 1982
DRAWN	DWG. TAG-B-4023b