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KIDD CREEK MINES LTD. GEOPHYSICAL REPORT ON TISDALE 52

NTS: 42-A/11

PROJ. #981

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NOV 1 5 1985

MINING LANDS SECTION

OCTOBER, 1985

D. LONDRY

SUMMARY AND RECOMMENDATIONS

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No bedrock conductors were detected in EM surveys carried out on the Tisdale 52 property. Ultramafics on the property are outlined in the magnetic survey.

No further geophysics is recommended.



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INTRODUCTION

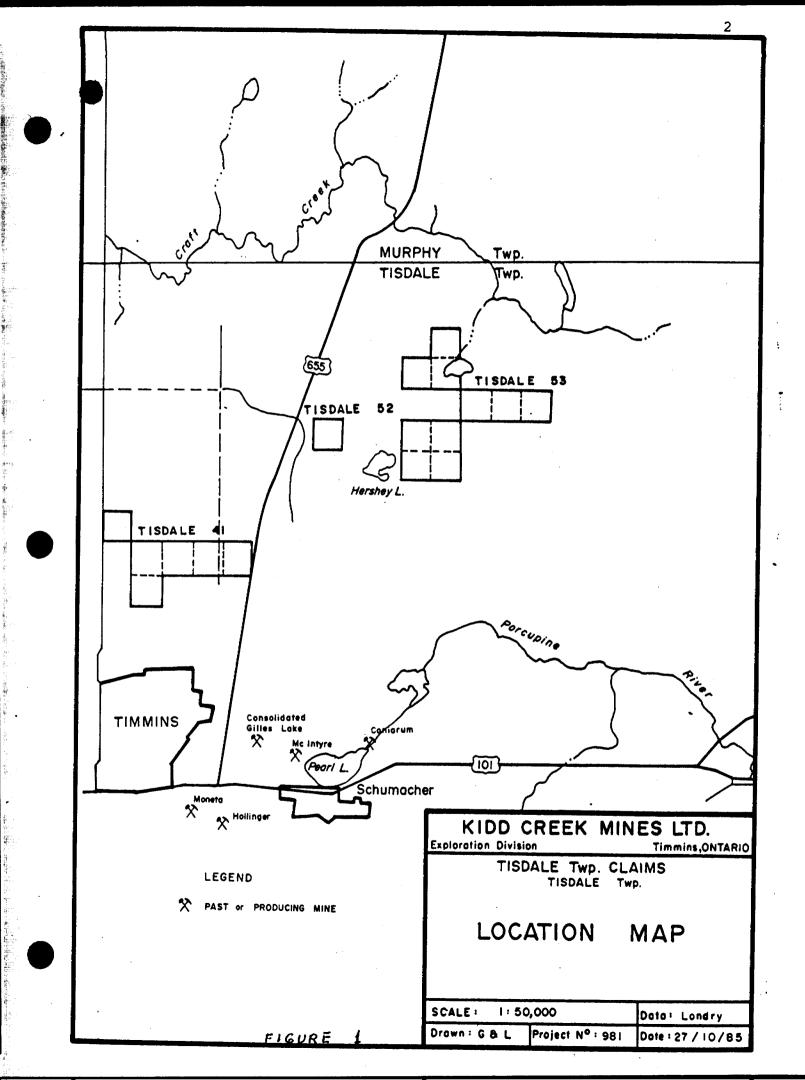
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During August 1985, Kidd Creek Mines Ltd. carried out magnetic, VLF-EM and horizontal loop EM surveys on claim 851801 in Tisdale Township. The claim is located 5.5 km north of the city of Timmins in the SE 1/4, N 1/2 of Concessions V, Lot 9 (Figure 1).

The claim is accessible along the Hershey Lake road off Highway 655. The field crew included R. Daigle, S. Ryan and S. Olink.



PREVIOUS WORK

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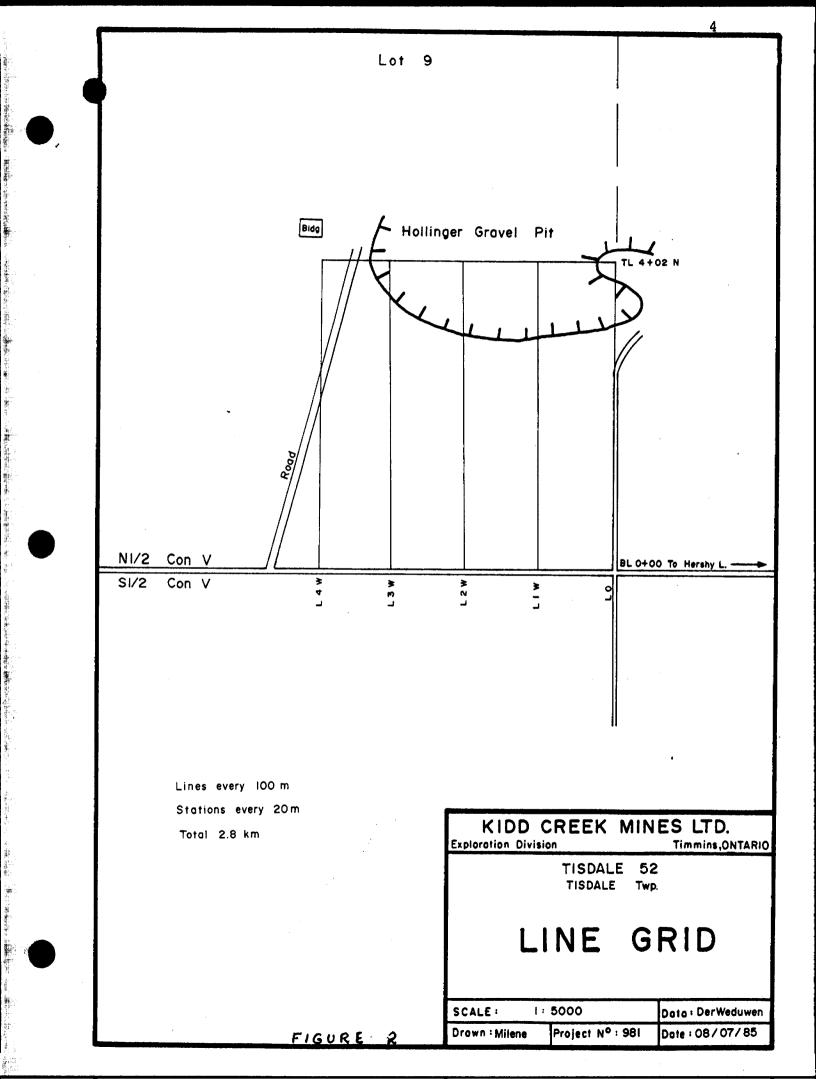
In 1981 Esso Minerals Canada carried out a VLF-EM survey on the claim, then held by Hollinger Argus. No bedrock conductors were detected.

SURVEY DESCRIPTIONS

An east-west base line was established along the south edge of claim 851801. Grid lines were cut every 100 m and picketed every 20 m (Figure 2).

The horizontal loop EM survey was carried out with an Apex Parametrics Max Min I using a coil separation of 160 m. The in-phase and quadrature components of the secondary field were measured as a percentage of the primary field. Readings were taken every 20 m at frequencies of 444 and 1777 hertz. A total of 65 stations were sampled along 2.0 km of line.

The magnetic readings were taken with a Scintrex IGS-2/MP-4. This instrument is a proton precession magnetometer which measures the Earth's total magnetic field to an accuracy of \pm .1 gamma. The diurmal drift was monitored every 30 seconds with a Scintrex MP-3 base station magnetometer located at 60 North on Line 0 West. A total of 103 readings were taken.



A Scintrex IGS-2/VLF-4 was used in the VLF-EM survey. Parameters measured include the horizontal field strength and the inphase and quadrature components of the vertical field, normalized to the horizontal field. The transmitter station used was Cutler Maine which transmits at a frequency of 24.0 k Hz. The number of stations sampled in this survey was 103.

RESULTS

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Plan maps of the results, plotted at a scale of 1:2000, can be found in the pockets at the end of this report.

No bedrock conductors were detected in the horizontal loop EM survey (Maps 3 and 4). Positive in-phase readings in the results from both frequencies occur at the north end of Lines 200 and 300 West. This is a short cable effect caused by a steep embarkment at the edge of the Hollinger gravel pit. Anomalous readings at the south end of Lines 300 and 400 West in both the VLF and horizontal loop results are due to a power line. The source of weak VLF anomalies, elsewhere on the property, are surficial.

A linear magnetic anomaly which strikes east northeast across the north half of the claim reflects serpentinite (Map 1). The source of the circular feature on Line 100 West is also likely ultramafics.

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Douglas Londry D. LONDER



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KIDD CREEK MINES LTD. GEOPHYSICAL REPORT

ON

TISDALE 53

NTS: 42-A/11

PROJ # 981

RECEIVED

101 1 1985 MINING LANDS SECTION

OCTOBER 1985

D. LONDRY

SUMMARY AND RECOMMENDATIONS

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Magnetic, VLF-EM and horizontal loop EM surveys were carried out on the Tisdale 53 property.

The magnetic survey outlines east northeast striking ultramafics. A bedrock conductor detected in the horizontal loop EM survey has been previously tested by diamond drilling.

It is recommended that an I.P. survey be carried out on Lines 300 and 400 West from 400 to 1200 South.



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2. VLF RESULTS (Back Pocket)

3. H.E.M. RESULTS, 444 Hz (Back Pocket)

4. H.E.M. RESULTS, 1777 Hz (Back Pocket)

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INTRODUCTION

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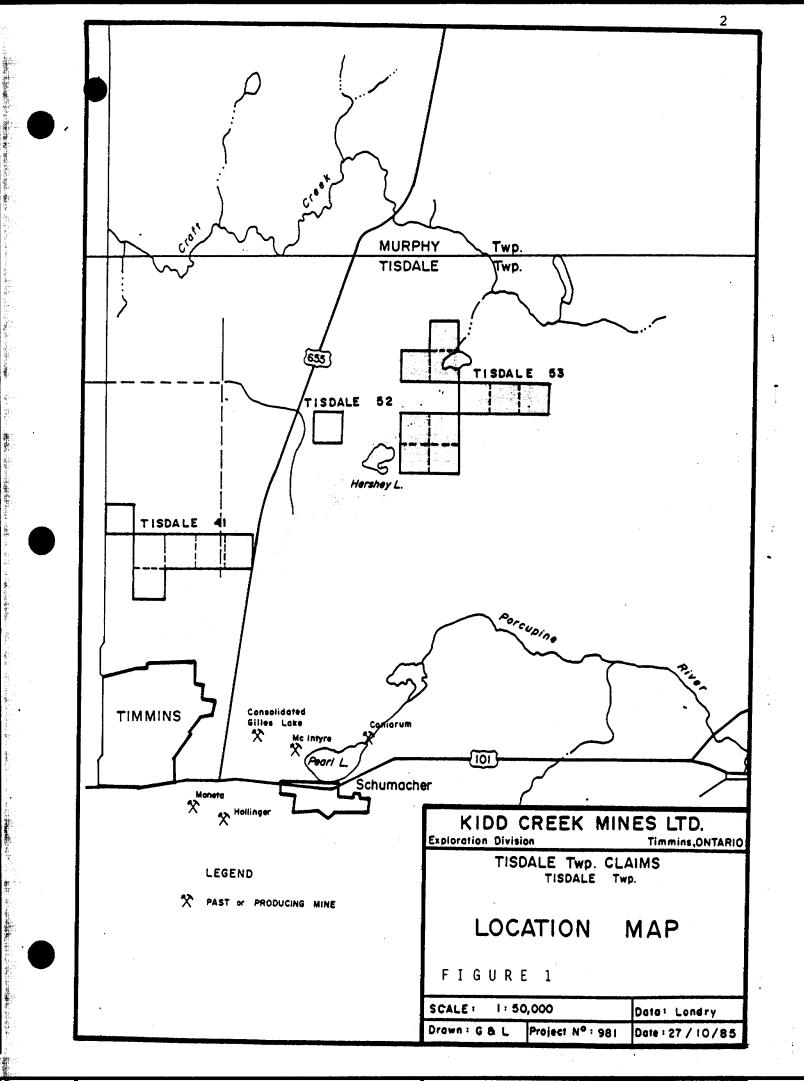
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During August 1985, Kidd Creek Mines Ltd. carried out magnetic, VLF-EM and horizontal loop EM surveys on the Tisdale 53 property. The property consists of 10 contiguous claims in the northern half of Tisdale Township. The claims are numbered as follows:

P 825784
P 831692 - P 831694 inclusive
P 831839 - P 831844 inclusive

The property is located about 6 km northeast of the city of Timmins. It is accessible along a gravel road from Highway 655. The field crew included R. Daigle, B. Keen, S. Taylor and S. Olink.



PREVIOUS WORK

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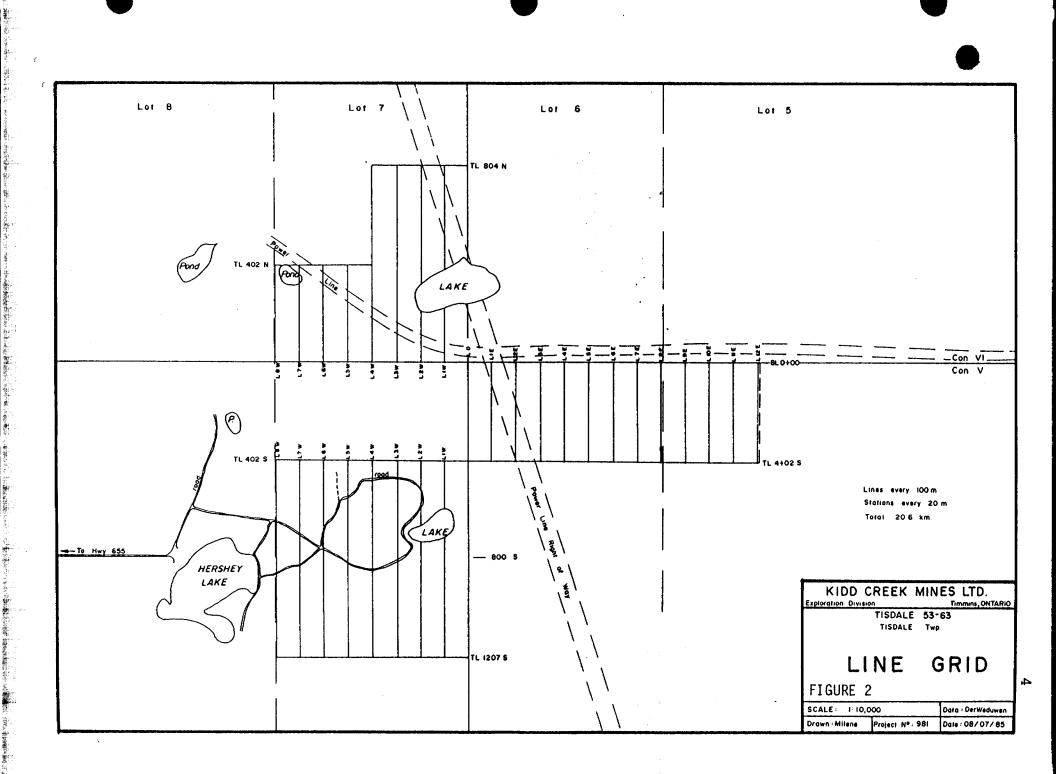
In 1964 Keevil Exploration ran a magnetic survey over the three northwest claims on the property. The source of a linear magnetic high, striking N70⁰E along the southern edge of these claims, was interpreted to be serpentinite. A horizontal loop EM survey was not completed because of interference from power lines.

In 1981 and 1982, Esso Minerals Canada carried out VLF-EM and magnetic surveys over the property, then held by Hollinger Argus. Northeast striking conductors and parallel zones of high magnetic susceptibility were defined.

An I.P. survey was also carried out in 1984 for Labrador Exploration on the three northwest claims. A zone characterized by high chargeability was detected on claim P-831694. It is reported that Inco had previously tested a coincident horizontal loop EM anomaly by drilling. The hole intersected a graphitic horizon in mafic volcanics.

SURVEY DESCRIPTIONS

North-south grid lines were cut every 100m and picketed every 20m (Figure 2). The 0+00 N, 0+00 E point on the grid is located at a survey post at the boundary between Lots 6 and 7, Concessions IV and V.



The horizontal loop EM survey was carried out with an Apex Parametrics Max Min I using a coil separation of 160m. The in-phase and quadrature components of the secondary field were measured as a percentage of the primary field. Readings were taken every 20m at frequencies of 444 and 1777 Hz. A total of 614 stations were sampled along 18 km of line.

The magnetic readings were taken with a Scintrex IGS-2/MP-4. This instrument is a proton precession magnetometer which measures the Earth's total magnetic field to an accuracy of \pm .1 grammas. The diurnal drift was monitored every 30 seconds with a Scintrex MP-3 base station magnetometer, located at 300 North on Line 500 West. A total of 881 readings were taken.

A Scintrex IGS-2/VLF-4 was used in the VLF-EM survey. Parameters measured include the horizontal field strength and in-phase and quadrature components of the vertical field, normalized to the horizontal field. The transmitter station used was Cutler Maine which transmits at a frequency of 24.0 kHz. The number of stations surveyed was 881.

RESULTS

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The results are plotted on plan maps at a scale of 1:5000.

As in previous magnetic surveys, east northeast striking ultramafics (serpentinite) are outlined by high magnetic anomalies.

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Weak conductors, detected in the VLF-EM survey, also strike east northeast. The stronger VLF anomalies have corresponding quadrature anomalies in the high frequency horizontal loop results. The poor conductivity thickness suggests that the source of the anomalies is likely surficial.

An I.P. survey should be carried out on Lines 300 and 400 West from 400 to 1200 South. This will test the VLF anomaly at 750 South. It may also help explain why the magnetic anomaly, over the lake to the east, ends at this point.

A definite bedrock conductor was detected on Line 400 West at 620 North. The width of the conductor is 20m and the conductivity thickness is 14 mhos; the dip cannot be determined because the anomaly is incomplete. This appears to be the graphitic horizon drilled by Inco.

DOUG LONDRY



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KIDD CREEK MINES LTD. GEOPHYSICAL REPORT

ON

TISDALE 41

N.T.S.: 42-A-11

PROJ. #981

RECEIVED

NOV 1.5 1985

MINING LANDS SECTION

OCTOBER, 1985

D. LONDRY

SUMMARY AND RECOMMENDATIONS

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No bedrock conductors were detected in EM surveys carried out on the Tisdale 41 property. A magnetic survey outlined east northeast striking ultramafics.

An IP survey should be carried out to test for disseminated sulphides, which may be associated with gold mineralization, along the volcanic-ultramafic contacts.



TABL

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INTRODUCTION

During September 1985, Kidd Creek Mines Ltd. carried out magnetic, VLF-EM and horizontal loop EM surveys on their Tisdale 41 property. The property is located about 2 kilometres north of the City of Timmins in Lots 10, 11 and 12, Concession VI, Tisdale Township (Figure 1). It is bordered by McLean Drive to the west and by Highway 655 to the east.

The six claims are numbered as follows:

P-849485, P-849486 P-851802, P-851803 P-851880, P-851881

The field crew included R. Daigle, S. Olink and B. Keen.

PREVIOUS WORK

In 1981/82 Esso Minerals Canada ran magnetic and VLF-EM surveys on the property. High magnetic anomalies, striking northeast, were interpreted to reflect serpentinite. The source of VLF anomalies was interpreted to be conductive overburden.

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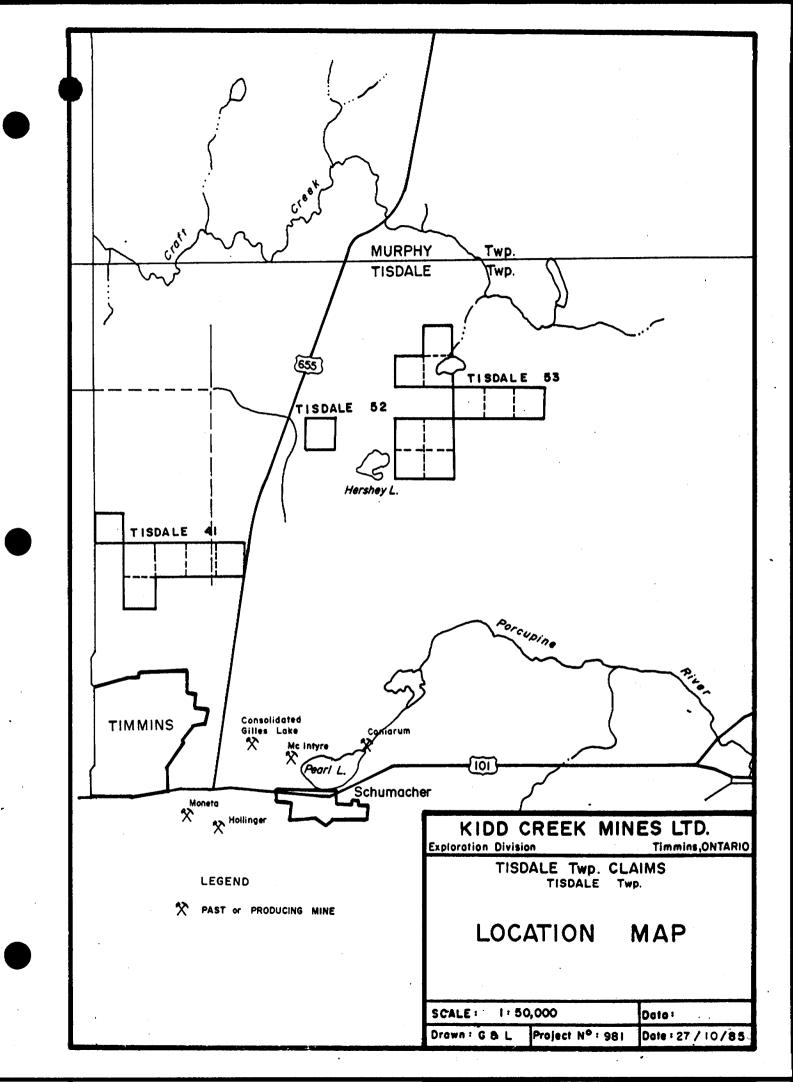
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An east-west base line was established 400 metres south of the boundary between Concession V and VI. North-south grid lines were cut every 100 metres and picketed every 20 metres (Figure 2).

The horizontal loop EM survey was carried out with an Apex Parametrics Max Min I using a coil separation of 160 metres. The in-phase and quadrature components of the secondary field were measured as a percentage of the primary field. Readings were taken every 20 metres at frequencies of 444 and 1777 Hz. A total of 332 stations were sampled along 9.2 kilometres of line.

The magnetic readings were taken with a Scintrex IGS-2/MP-4. This instrument is a proton precession magnetometer which measures the Earth's total magnetic field to an accuracy of \pm .1 gammas. The diurnal drift was monitored every 30 seconds with a Scintrex MP-3 base station magnetometer located at 0 North on Line 200 West. A total of 488 readings were taken.

A Scintrex IGS-2/VLF-4 was used in the VLF-EM survey. Parameters measured include the horizontal field strength and in-phase and quadrature components of the vertical field, normalized to the horizontal field. The transmitter station used was Cutler Maine which transmits at

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a frequency of 24.0 kHz. The number of stations surveyed was 488.

RESULTS

The results are plotted on maps 1 to 4 at a scale of 1:2000.

The magnetic field over the property is dominated by two east northeast striking magnetic highs. The source of these anomalies is believed to be serpentinite units.

No bedrock conductors were detected in the horizontal loop EM survey. The anomalous high readings on Line 1900 West are due to noise from the power line along McLean Drive. The source of VLF-EM anomalies on the property are most likely surficial.

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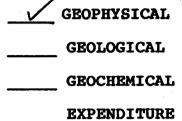
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TYPE OF SURVEY



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Signature of Assessor

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November 6, 1985

Report Of Work #319

Kidd Creek Mines Ltd P.O. Box 1140 571 Moneta Avenue Timmins, Ontario P4N 7H9

Dear Sir:

RE: Mining Claims P 825784, et al, in Tisdale Township

I have not received the reports and maps (in duplicate) for Geophysical (Magnetometer & Electromagnetic) Surveys on the above-mentioned claims.

As the assessment "Report of Work" was recorded by the Mining Recorder on September 17, 1985 the 60 day period allowed by Section 77 of the Mining Act for the submission of the technical reports and maps to this office will expire on November 16, 1985.

If the material is not submitted to this office by November 16, 1985 I will have no alternative but to instruct the Mining Recorder to delete the work credits from the claim record sheets.

For further information, please contact Mr. Arthur Barr at (416)965-4888.

Yours sincerely,

S.E. Yundt Director Land Management Branch

Whitney Block, Room 6643 Queen's Park Toronto, Ontario M7A 1W3 Phone:(416)965-4888

AB/mc

cc: Doug Londry P.O. Box 1140 571 Moneta Avenue Timmins, Ontario Encl. P4N 7H9 Mining Recorder Timmins, Ontario

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Kidd Creek Mines Ltd.

Box 1140 571 Moneta Avenue, Timmins, Ontario P4N 7H9 (705) 267-1188

Exploration Division

November 14, 1985

Mr. Fred Matthews Director, Land Management Branch Whitney Block, Room 6450 Queen's Park TORONTO, Ontario M7A 1W3

Dear Sir:

Re: TISDALE TOWNSHIP

Enclosed please find duplicate copies of a report and maps covering claims in Tisdale Township. The claims aforementioned are P-825784 et al.

Your prompt attention to this matter would be greatly appreciated.

Yours truly,

DOUG LONDRY

DL/pp Encls.





OFFICE USE ONLY

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s)	Geophysics	
Township or Area	Tisdale	MINING CLAIMS TRAVERSED
Claim Holder(s)	Kidd Creek Mines Ltd.	List numerically
	P.O. Box 1140, Timmins Ontario	
Survey Company	Kidd Creek Mines Ltd.	P 851801 U
Author of Report	D. Londry	(prefix) (number)
Address of Author	P.O. Box 1140, Timmins Ontario	
Covering Dates of Survey.	July 15, 1985 - November 10, 1985 (linecutting to office)	
Total Miles of Line Cut_		
Total whes of Life Cut_		
SPECIAL PROVISION CREDITS REQUESTE	D av daim	•••••••••••••••••••••••••••••••••••••••
CREDITS REQUESTE	- Geophysical	
ENTER 40 days (includ	tesElectromagnetic	
line cutting) for first	-Magnetometer20	
survey.	-Radiometric	
ENTER 20 days for eac		
additional survey using same grid.	Geological	•••••••••••••••••••••••••••••••••••••••
same griu.	Geochemical	
AIRBORNE CREDITS (S	pecial provision credits do not apply to airborne surveys)	
MagnetometerEle	cetromagnetic Radiometric	
. /		
DATE: Nov. 14/85	_ SIGNATURE . Doug las www.	
Res. Geol	_Qualifications22289	
Previous Surveys	•	
File No. Type	Date Claim Holder	
·····	·····	
		TOTAL CLAIMS1
337 (5/79)		

GEOPHYSICAL TECHNICAL DATA

g	ROUND SURVEYS	- If more than one survey, s	specify data for each type of survey	
				HL: 65
N	umber of Stations	103	Number of Readings _MAG/	VLF : 103
S	tation interval	20m	Line spacing	100m
P	rofile scale <u>VLF</u> :	$1 \text{ cm} = 10^{\circ}$	HL: $1 \text{ cm} = 10\%$	
С	ontour interval	50 gammas		
c si				
MAGNETIC	Accuracy – Scale co	nstant + 1 gamma	L	
UN	Diurnal correction m	nethodScintrex MF	2-3 Base Station Magnetometer	
WA	Base Station check-in	n interval (hours)30) seconds	
	Base Station location	and value60	North, Line O West	
		58971	gammas	n
2	Instrument	Apex Parametrics Max	Min I	
IET			٩	
AG	Coil separation	160m		
MO				
ELECTROMAGNETIC	Method:		🗆 Shoot back 🛛 🖾 In line	Parallel line
LEC	Frequency	444 and 1777 Hz	(specify V.L.F. station)	
ഥ	Parameters measured	In-phase and gua	adrature components of secondary	y field measured
			of the primary field.	
	Instrument			
ΥŢ				
<u>GRAVIT</u>	-			
GR			· · · · · · · · · · · · · · · · · · ·	
	Dase station value al		· · ·	
	Elevation accuracy			
	Elevation accuracy			
	Instrument			
:I	Method Time 1		🔲 Frequency Domain	
			Frequency	
الح			Range	
H		time		
NIX.	•	ation time		
RESISTIVITY	0		······	
2				
	•			
đ	-			
	_ γρε σι ciccuoue			



SELF POTENTIAL

Instrument	Range
Survey Method	
Corrections made	
RADIOMETRIC	
	s)
•	Background Count
Overburden	(type, depth include outcrop map)
	DRILL WELL LOGGING ETC.)
	VLF - EM
	Scintrex 1GS-2/VLF-4
•	- 1%
Parameters measured_	horizontal field strength and in-phase and quadrature components of vertical field.
Additional information	n (for understanding results) <u>METHOD: Fixed transmitter</u>
	TRANSMITTED STATION: Cutler, Maine
	FREQUENCY: 24.0 KHz.
AIRBORNE SURVEY	<u>'S</u>
Type of survey(s)	
Instrument(s)	
Accuracy	(specify for each type of survey)
	(specify for each type of survey)
Navigation and flight p	bath recovery method
Aircraft altitude	Line Spacing
	areaOver claims only
miles nown over total	

Numbers of claims from which samples taken_____

..

Total Number of Samples		HODS
Type of Sample(Nature of Material)		
Average Sample Weight	p. p. r	
Method of Collection	p. p. o	. L
	Cu, Pb, Zn, Ni, Co, Ag,	Mo, As,-(circle)
Soil Horizon Sampled	Others	
Horizon Development	Field Analysis (tests)
Sample Depth	Extraction Method	
Terrain	Analytical Method	
	Reagents Used	
Drainage Development	Field Laboratory Analysis	
Estimated Range of Overburden Thickness		tests)
	Extraction Method	
	Analytical Method	
	Reagents Used	
SAMPLE PREPARATION (Includes drying, screening, crushing, ashing)	Commercial Laboratory (tests)
Mesh size of fraction used for analysis	Name of Laboratory	
	Extraction Method	
	Analytical Method	
	Reagents Used	
	General	
General		



OFFICE USE ONLY

837 (5/79)

GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Su	urvey(s)	Geo	physics			
Township	ship or AreaTisdale			MINING CLA	IMS TRAVERSED	
Claim Hole	der(s)	Kić	ld Creek Mines Ltd			umerically
		P.C). Box 1140, Timmi	ns, Ontario		
Survey Co	mpany	Kić	ld Creek Mines Ltd		P (prefix)	849485 🧹
Author of	Report	D.	Londry		(prenx) P	(number) 849486
) <u>Box 1140, Timmi</u>		Р	851802 🗸
Covering I	Dates of Surv	ey <u>9.2</u>	Km (linecutting to office)		P	851803 -
	s of Line Cut					651603 ~
					P	851880
	<u>L PROVISIC</u>			DAYS	Р	851881
CREDIT	S REQUEST	<u>red</u>	Geophysical	per claim		
ENTER	40 days (inc	ludes	-Electromagnetic.			
	ing) for first	iuuty	-Magnetometer	20		
survey.			-Radiometric			
	20 days for o		-Other (VLF)	20		
	al survey usin	ng	Geological			
same grie	d.		Geochemical			
AIRBORN	E CREDITS	(Special provis	sion credits do not apply to ai	rborne surveys)		
Magnetom	eter		netic Radiom	etric		••••••••••••••••••
	,	-	lays per claim)			••••••••••••••••••••••••••••••••••
DATE:	00.14/8:	SIGNA	TURE: Dangles Author of Reg	o andry		
		· · · · · · · · · · · · · · · · · · ·	Autior di Kej	pyre-or Agent		
				-		•••••••••••••••••
Res. Geol.		Oualif	ications			•••••
Previous Su		~ ~				•••••
File No.	Туре	Date	Claim Hold	er		
						••••••••••••••••••
					• • • • • • • • • • • • • • • • • • • •	•••••
						•••••

	1	••••••			TOTAL CLAIM	S6
	- -					

GEOPHYSICAL TECHNICAL DATA

<u>D SURVEYS</u> – If more	than one survey, sp	ecify data for each type of sur	vey
			HL: 332
of Stations	488	Number of Reading	gs MAG/VLF: 488
cale <u>VLF: 1 cm</u>	= 10 [°]	HL: 1 cm = 10%	
interval	100 gammas		
ment	Scintrex 1GS-	2/MP-4	
acy – Scale constant	l gamma		
tation check-in interval	(hours) 0 Nor	th, Line 200 West	
tation location and valu	e 58871 Gam	mas	
-			
eparation	120m		
			n line 🗌 Parallel line
ency	444 and 1777 H	z (specify V.L.F. station)	· · · · · · · · · · · · · · · · · · ·
			secondary field
	measured as a	percentage of primary f:	ield.
ment			ne over semantice - see all participants - and the second second second second second second second second second
constant			
ctions made			
tation value and location	n	۲	
	· · · · · · · · · · · · · · · · · · ·	·	
ion accuracy			
,			
ment			
od 🔲 Time Domain		🗀 Frequency	Domain
 neters – On time		Frequency	
- Off time		Range	
– Delay time			
•			
•			
ode spacing			
	of Stations	of Stations 20m nterval 20m interval 100 gammas ment ScintrexIGS- acy - Scale constant 1 gamma al correction method Scintrex_MP-3 itation check-in interval (hours) 0 Noz itation location and value 58871 Gam ment Apex_Parametri onfiguration 120m acy 1 as d: Fixed transmitter ency 444 and 1777 H eters measured In-Phase and g measured as a ment constant tation value and location ion accuracy ment ment Off time Off time Off time Off time Integration time code array	ment Apex Parametrics Max Min I onfiguration Horizontal Loop eparation 120m acy ± 18 id: □ Fixed transmitter □ Shoot back □ In ency 444 and 1777 Hz (specify VL.F. station) eters measured In-Phase and quadrature components of measured as a percentage of primary f. ment



SELF POTENTIAL

Survey Method	Range
Corrections made	
RADIOMETRIC	
Instrument	
Values measured	
Energy windows (levels)	
Height of instrument	Background Count
Size of detector	
	(type, depth – include outcrop map)
OTHERS (SEISMIC, DRILL V	VELL LOGGING ETC.)
Type of survey	VLF - EM
Instrument	Scintrex 1GS-2/VLF-4
Accuracy	+ - 1%

Additional information (for understanding results) <u>METHOD:</u> Fixed transmitter

TRANSMITTER STATION: Cutler, Maine

FREQUENCY: 24.0 KHz.

AIRBORNE SURVEYS

Type of survey(s)	
Instrument(s)	y for each type of survey)
Accuracy	
	· · · · · · · · · · · · · · · · · · ·
Aircraft altitude	Line Spacing.
	Over claims only

Numbers of claims from which samples taken_____

Total Number of Samples	ANALYTICAL METHOI	05				
Type of Sample(Nature of Material)	Values expressed in: per cent					
Average Sample Weight	p. p. o.					
Method of Collection	Cu, Pb, Zn, Ni, Co, Ag, Mo,	As,-(circle)				
Soil Horizon Sampled	Others					
Horizon Development	Field Analysis (tests)				
Sample Depth	Extraction Method					
Terrain	-					
Drainage Development						
Estimated Range of Overburden Thickness						
	Extraction Method					
	Analytical Method					
	Reagents Used					
SAMPLE PREPARATION (Includes drying, screening, crushing, ashing)	Commercial Laboratory (te					
Mesh size of fraction used for analysis	Name of Laboratory					
	Extraction Method					
	Analytical Method					
	Reagents Used					
General	General					



GEOPHYSICAL – GEOLOGICAL – GEOCHEMICAL TECHNICAL DATA STATEMENT

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s)G	Geophysics	
Township or AreaT	Lisdale Township	MINING CLAIMS TRAVERSED
Claim Holder(s)K	Kidd Creek Mines Ltd.	List numerically
P	2.0. Box 1140, Timmins Ontario	
Survey CompanyK	Aidd Creek Mines Ltd.	P 825784 🗸
Author of Report D	D. Londry	(prefix) (number) P 831692
Address of Author P	2.0. Box 1140, Timmins, Ontario	P 831693 .
	Uly 15, 1985 - November 10, 1985 (linecutting to office)	p 831694 🗸
Total Miles of Line Cut	.8 Km •	p 831839 /
SPECIAL PROVISIONS	DAYS	P 831840 🗸
CREDITS REQUESTED	Geophysical ^{per claim} Electromagnetic40	P 831841
ENTER 40 days (includes line cutting) for first	-Magnetometer 20	P 831842
survey.	-Radiometric	P 831843
ENTER 20 days for each additional survey using	-Other (VLF) 20	P 831844
same grid.	Geological	
	Geochemical	
MagnetometerElectr	signature: SIGNATURE: Author of Report of Agent	
Res. Geol.	Qualifications	
Previous Surveys		
File No. Type Da	ate Claim Holder	
 ••••••••••••••••••••••••••••••••••••		
 	·····	
••••••		TOTAL CLAIMS10

OFFICE USE ONLY

GEOPHYSICAL TECHNICAL DATA

C	ROUND SURVEYS	S - If more than	one survey, sp	ecify data for each t	ype of survey	
						HL : 614
N	umber of Stations_	881		Number	of ReadingsMAG/1	/LF : 881
S	tation interval	20m		Line spa	cing	100m
	rofile scale		20 ⁰	HL: 1 cm = 20%		
С	ontour interval	200 gammas				. <u></u> ,
сı	Instrument	Scintrex 10	SS-2/MP-4			
MAGNETIC	Accuracy – Scale c	constant	.l gamma			
UN	Diurnal correction	method Sc	cintrex MP-3	Base Station M	agnetometer	9.998
W	Base Station check	-in interval (hour	s <u>) 30 second</u>	S		
	Base Station location	on and value	300 North	, Line 500 West		
		ni kaan daad afalah yoo y	58660 gam	mas		
Ŋ	Instrument		Apex Para	metrics Max Mi	n_I	
ELECTROMAGNETIC	Coil configuration	,	Horizonta	l Loop	· · · · · · · · · · · · · · · · · · ·	
	Coil separation		160 Metre	S	NN-1997	
	Accuracy		<u>+</u> 1%			
TR					🕱 In line	🗔 Parallel line
LEC	Frequency		444 and 1	777 Hz (specify V.L.F. station)		· · · · · · · · · · · · · · · · · · ·
ш					components of se	condary field
					of primary fiel	-
	Instrument					
	Scale constant					
ΥŢ						
GRAVIT						
GR						
	Elevation accuracy		·			
	,					
	Instrument					· · · · · · · · · · · · · · · · · · ·
1	Method 🗔 Time	Domain			Frequency Domain	
	Parameters – On ti	ime]	Frequency	······
X	– Off t	ime		1	Range	
ΠΛ	– Delay	y time				
[ST]	— Integ	gration time				
RESISTIVITY	Power					
	Electrode array					
	Electrode spacing.					
	Type of electrode.	<u> </u>				

INDUCED POLARIZATION



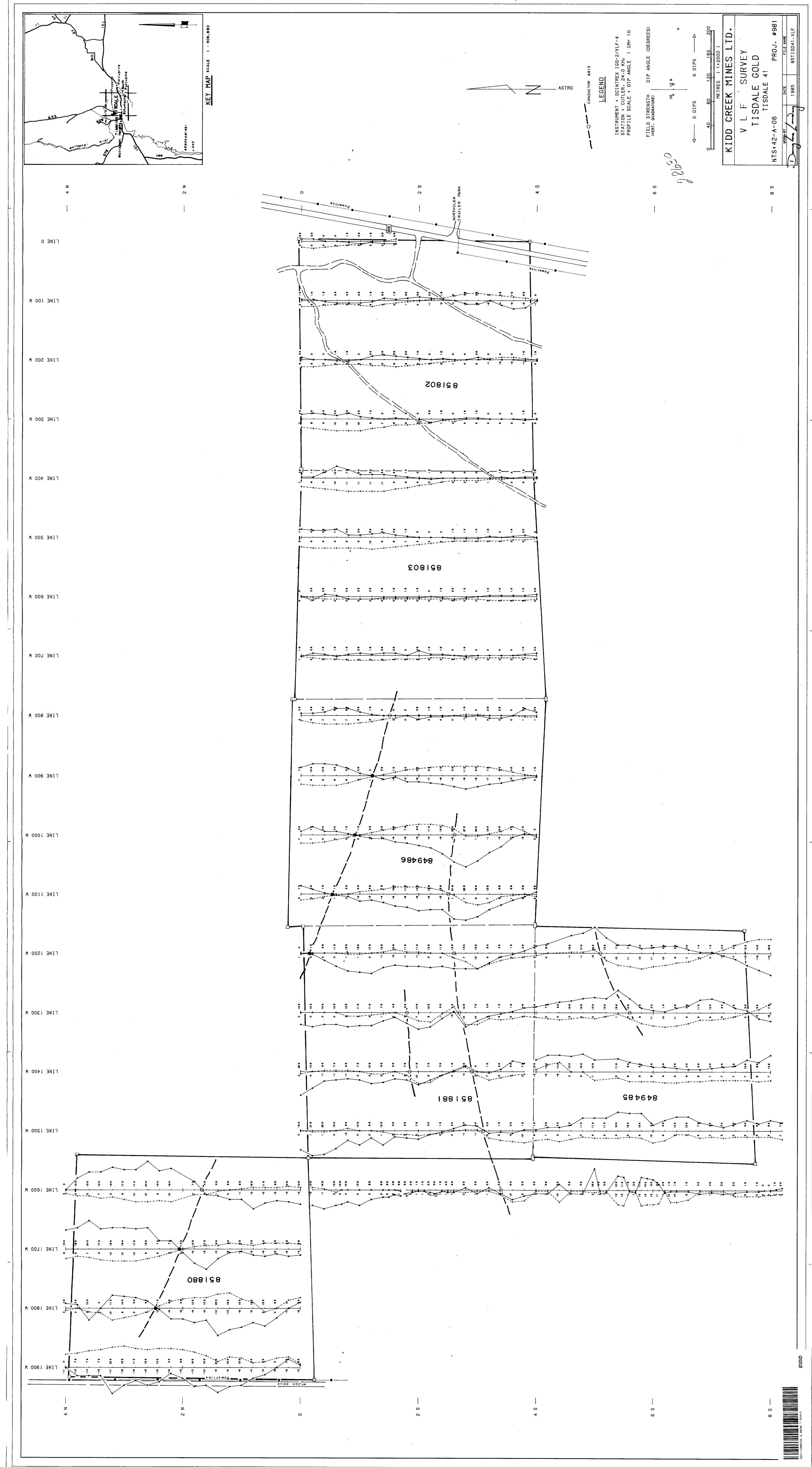
SELF POTENTIAL

Instrument	Range	
Survey Method		
Corrections made		
RADIOMETRIC		
Instrument		
.	Background Count	
	Duckground Count	
	(type, depth – include outcrop map)	
OTHERS (SEISMIC, DRILL W	ELL LOGGING ETC.)	
Type of survey	VLF - EM	
Instrument	Scintrex 1GS-2/VLF-4	
Accuracy	+ - 1%	
Parameters measured	Horizontal_field_strength_and_in-phase_quadrature	
	components of vertical field.	
Additional information (for und	lerstanding results) <u>METHOD: Fixed transmitter</u>	
••••••••••••••••••••••••••••••••••••••	TRANSMITTER STATION: Cutler, Maine	
	FREQUENCY: 24.0 KHz.	<u> </u>
AIRBORNE SURVEYS		
Instrument(s)	(specify for each type of survey)	
Accuracy	(specify for each type of survey)	
Sensor altitude		
Navigation and flight path recov	ery method	
Aircraft altitude	Line Spacing	
Miles flown over total area	Over claims only	

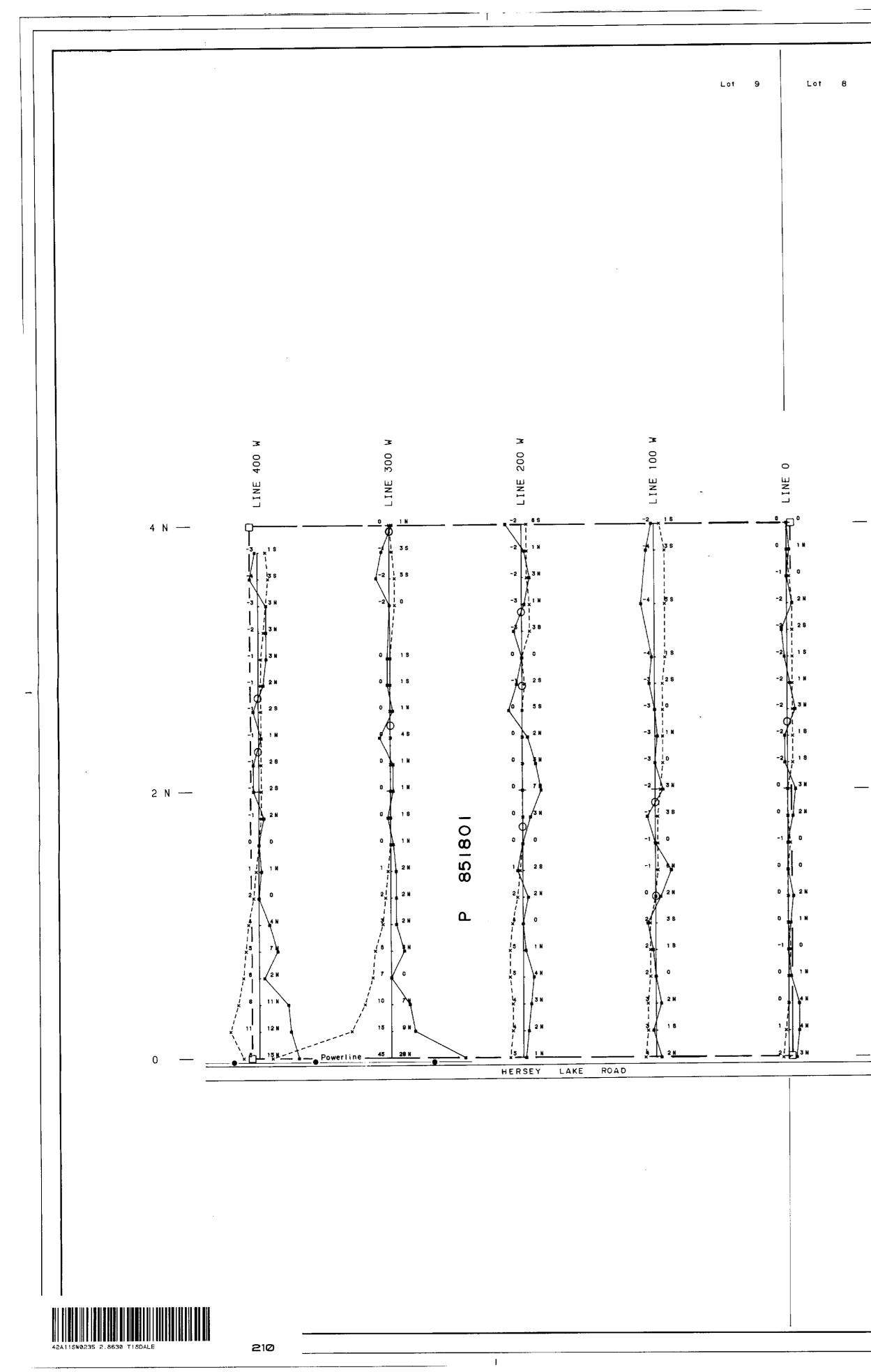
Numbers of claims from which samples taken_____

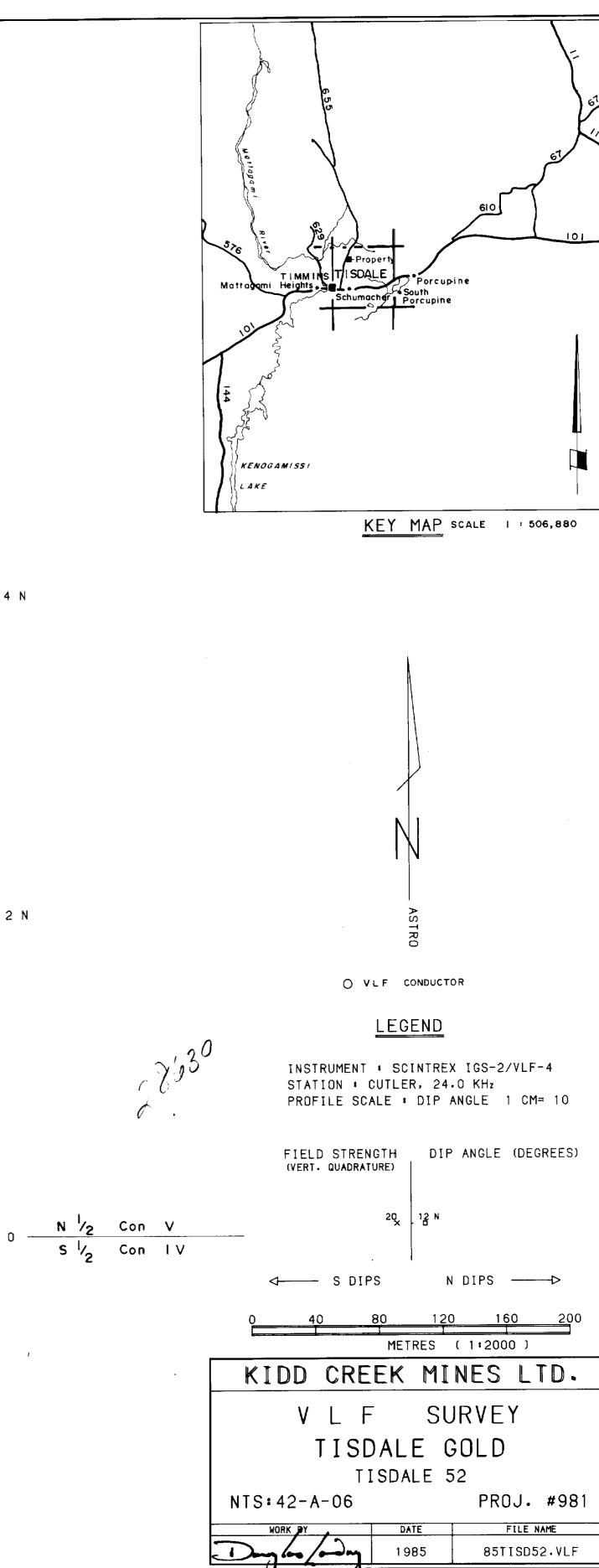
.

Total Number of Samples	<u>Mandri Hond Mernovo</u>								
Type of Sample(Nature of Material)	Values expressed in: per cent								
Average Sample Weight	p. p. m. □ p. p. b. □								
Method of Collection	• •								
Soil Horizon Sampled	Others								
Horizon Development	Field Analysis (tests)								
Sample Depth	Extraction Method								
Terrain									
	Reagents Used								
Drainage Development	Field Laboratory Analysis								
Estimated Range of Overburden Thickness									
	Extraction Method								
	Analytical Method								
	Reagents Used								
SAMPLE PREPARATION (Includes drying, screening, crushing, ashing)	Commercial Laboratory (tests) Name of Laboratory								
Mesh size of fraction used for analysis	Extraction Method								
•									
	Reagents Used								
	General								
General									
	·····								

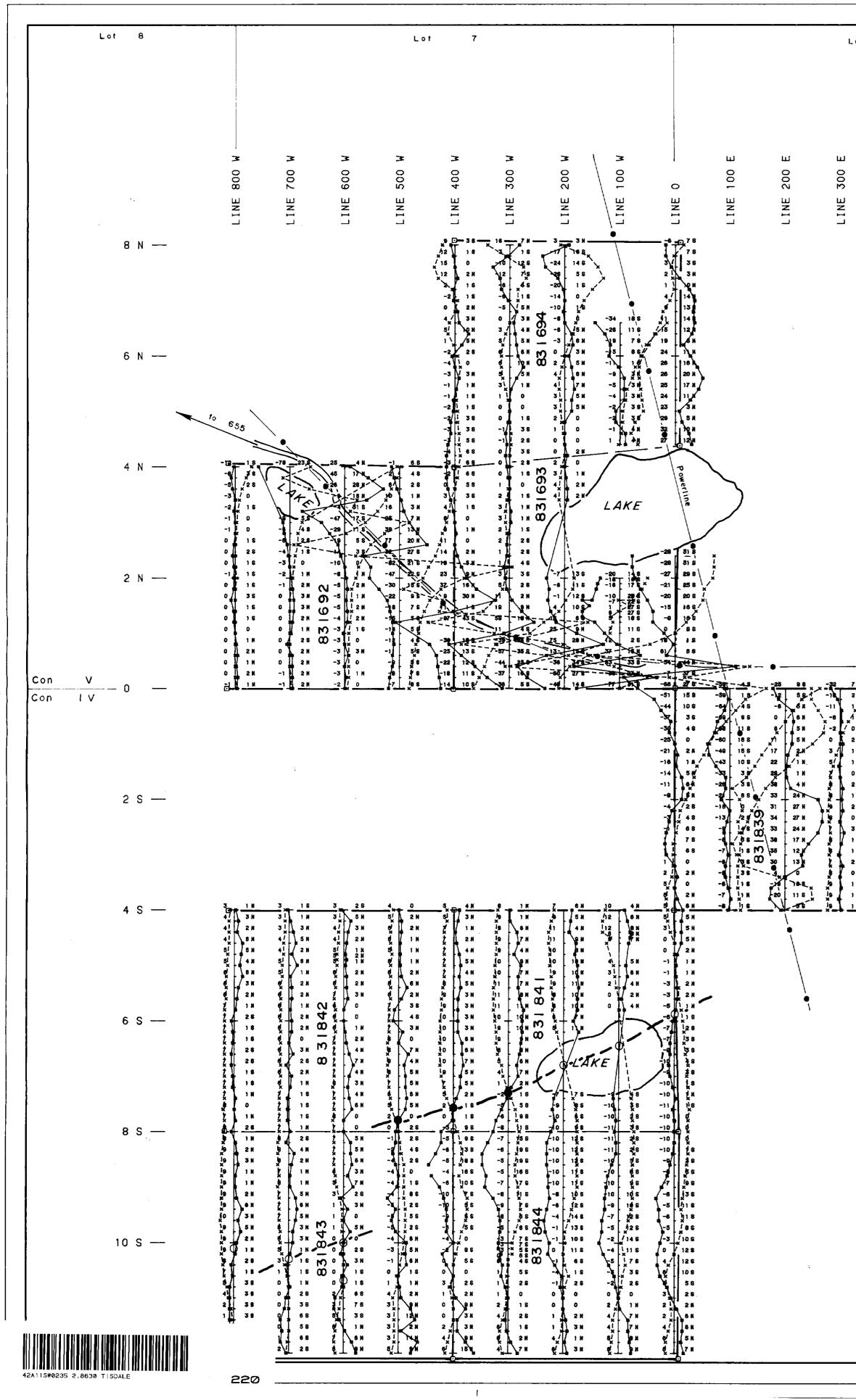


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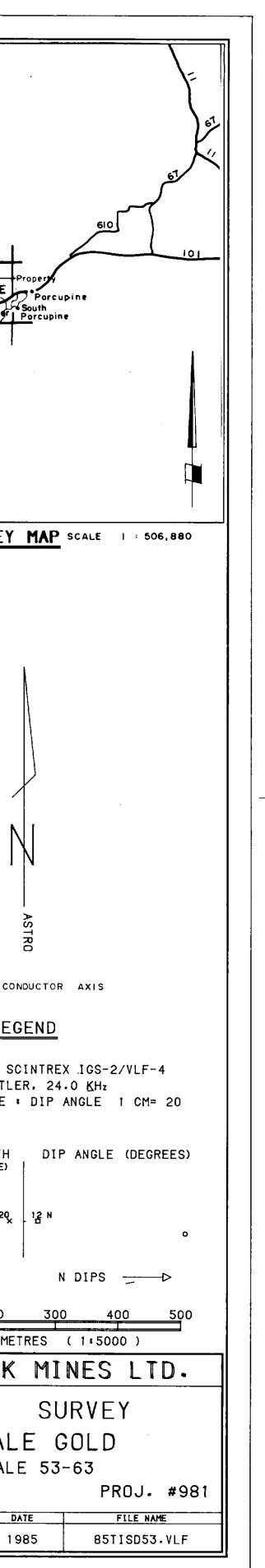


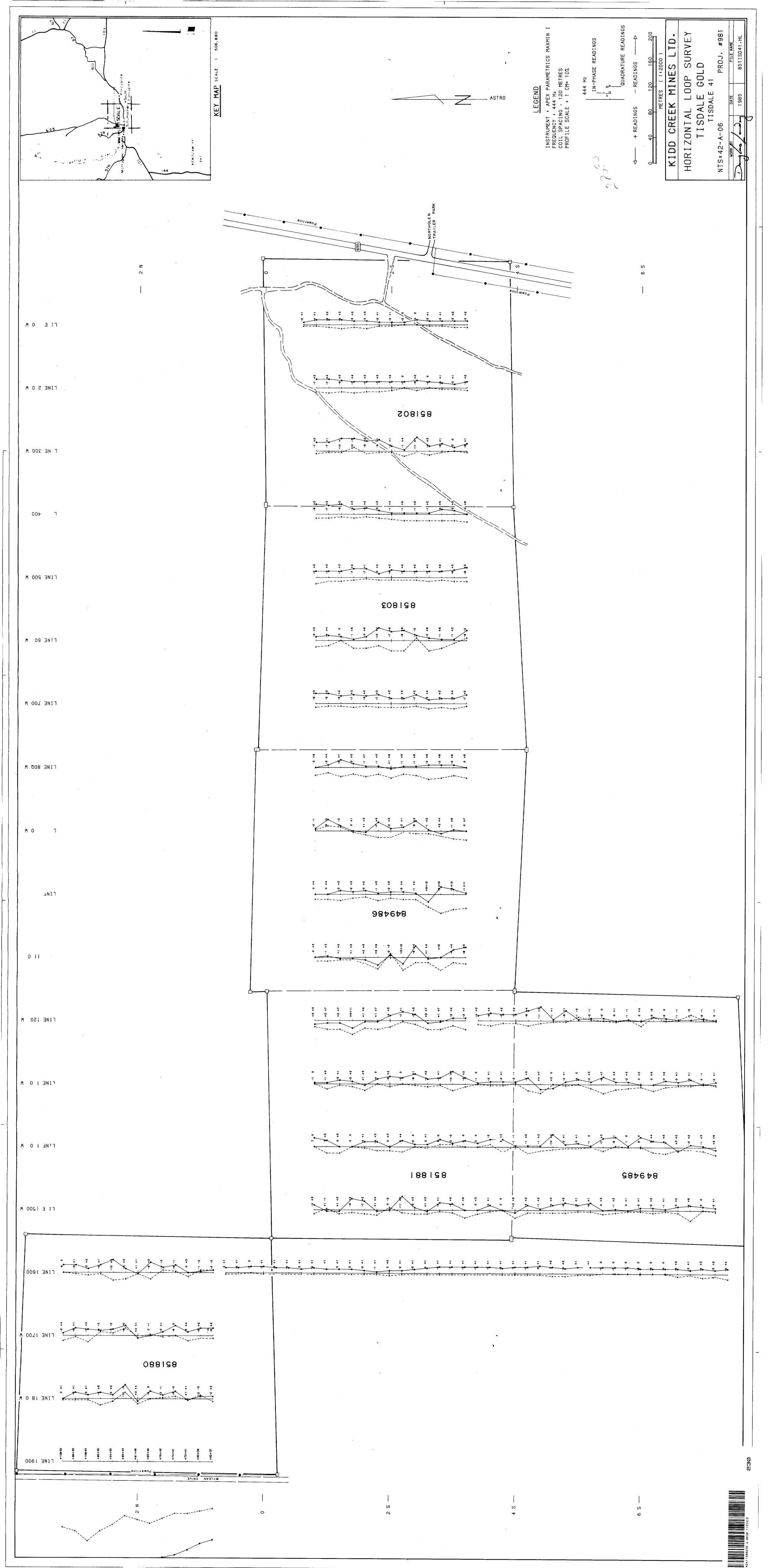


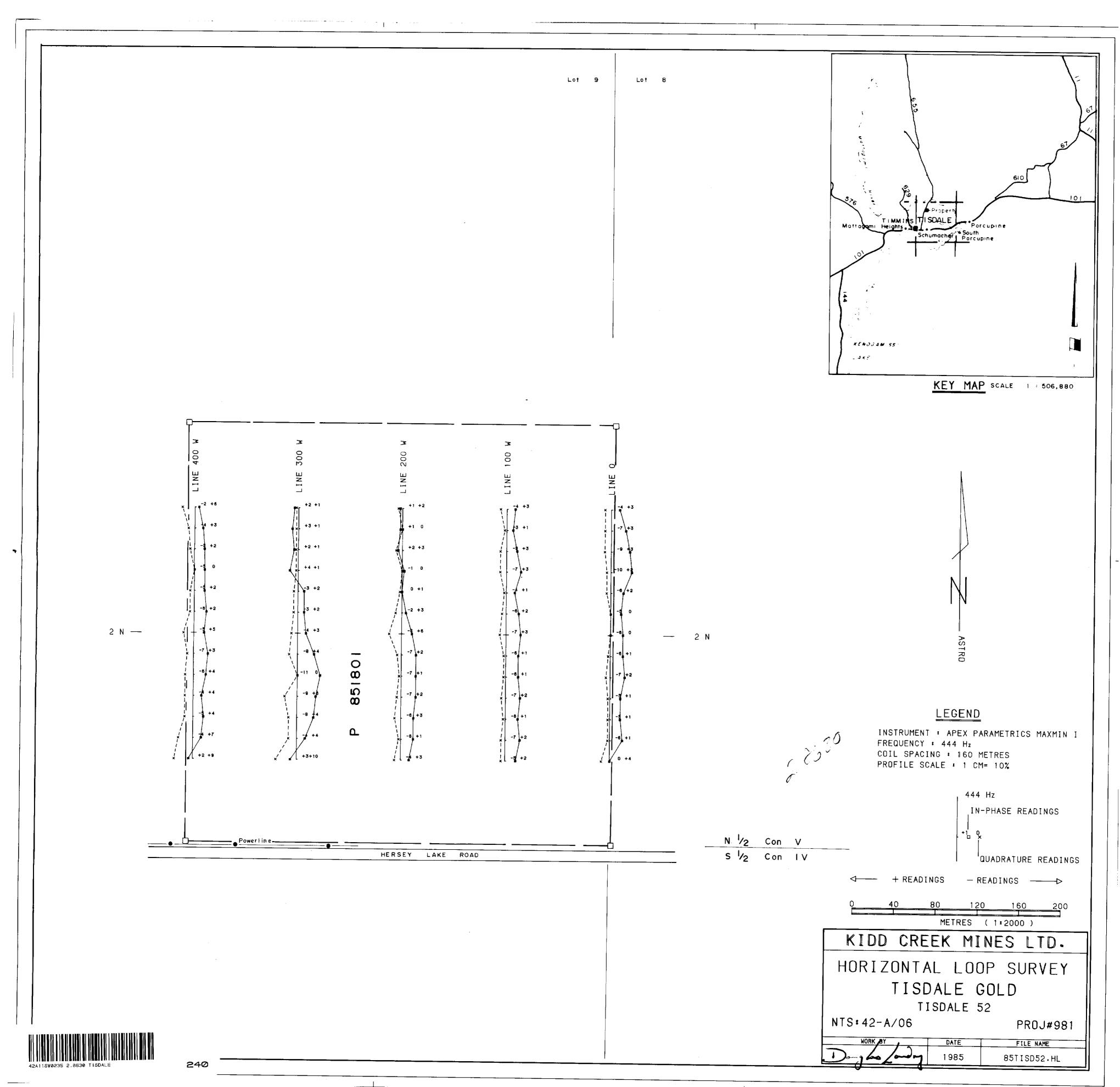
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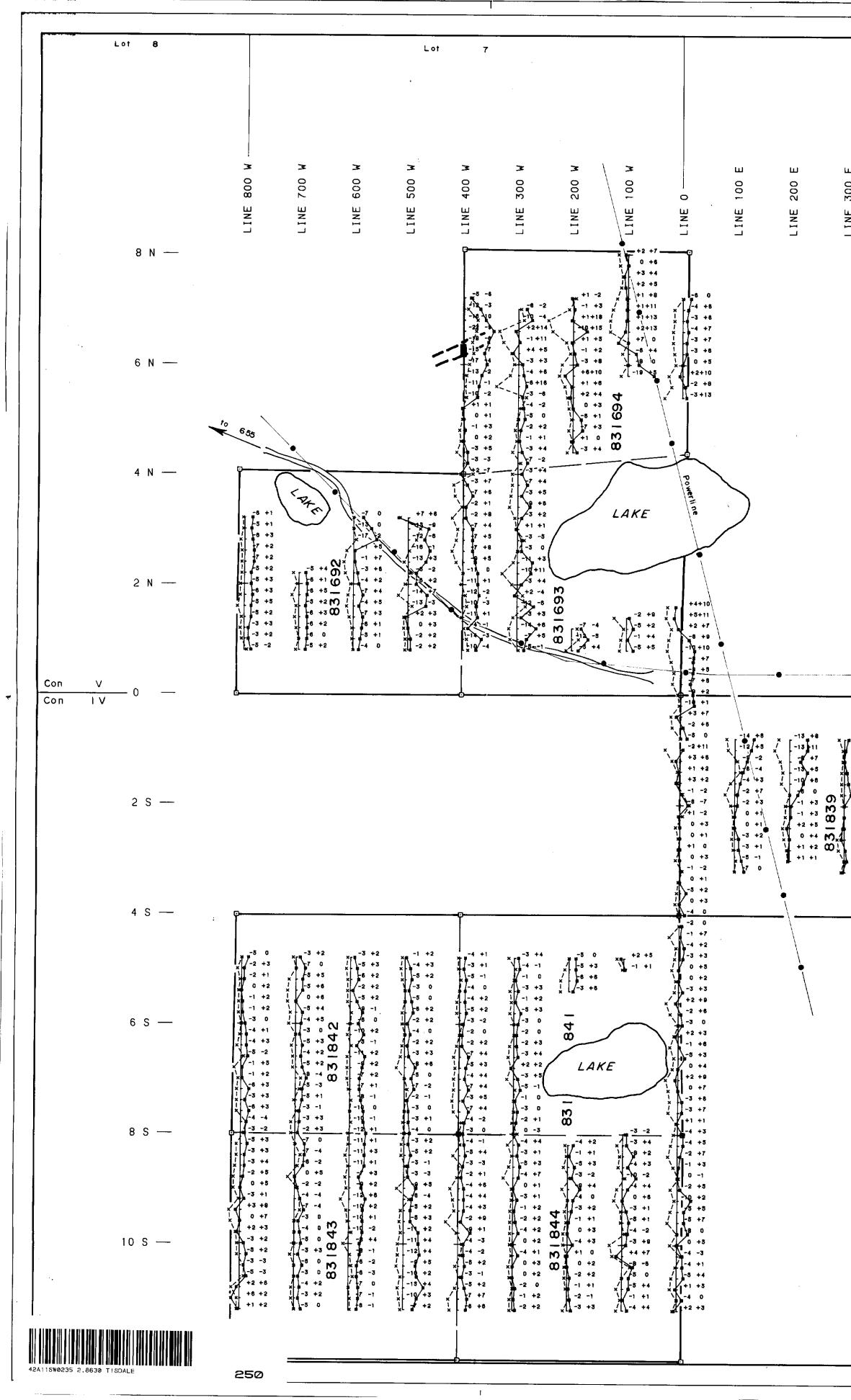


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6.53	5			Lot	· ·							t 6	Lot
TIMMINS TISDALE Schumacher Schumacher	376	8 1 1		LINE 1200 E	LINE 1100 E	LINE 1000 E	LINE 900 E	LINE 800 E	LINE 700 E	LINE 600 E	LINE 500 E	LINE 400 E	
ENOGAMISSI	I I I I I I I I I I I I I I I I I I I	6 N											
AKE <u>KEY</u>		_4 N				•					-		
		2 N	_								、		
/	Con V Con IV	<u> </u>	-			-8 199 0 238 -8 x88 -9 158 -9 16 -10 2 H	98 1 11 98 1 11 48 -3 3 38 -5 1 0 5H -7 11 5H -7 12	8 1 18 1 10 -10	6 <u>H x -10 3</u> 8H1 4 8H1 4 5H1 4 5S -7 10 4S -5 70	$\begin{array}{c} 0 \\ 3 \\ 3 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7$	B -21 0 N -10 3 N -6 5 N -2 7 -2 2 -2 2	-14 1 -7 24 -4 /11 -1 / 0	78 28 1 M 4 M 2 M
		2 S	_	а -7 -3 -7 -3 -3 -3 -3 -3 -3 -3 -3 -3 -3	**	825874 4 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	+H -8 151 7H -8 161 7H -8 17 7H -8 17 7H -8 17 7H -8 17 7H -8 7H		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} -6 & 1 \\ -6 & 1 \\ 3 \\ 3 \\ -5 \\ -5 \\ -5 \\ -5 \\ -4 \\ -4 \\ -4 \\ -4$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1 N 2 N 2 N 2 N 3 N 3 N 3 N 1 N 3 N 1 N 2 N 3 N 1 N 5 N 1 N 5 N 1 N 5
INSTRUMENT : SO STATION : CUTLE PROFILE SCALE :		4 S				, <u> 28</u>	H 1 21 H 1 21 S 6			28 - 13 18 - 13 18 - 13	8 -5 1 8 -5 1 8 -5 1		2 N 0 3 N 3 S 3 N
FIELD STRENGTH	72550	6 S									·		
	0 E	-8 S											
KIDD CREEK V L F TISDAL TISDALI	K	10 S							·				
*42~A-06		- 12 S											
		F								1			









- 5 = - 5 = - 2			1					<u></u>			<u></u>			
	Lot	6							L	.ot 5		<u> </u>		
- 48 KIDD CREE - 10 S KIDD CREE - 10 S KIDD CREE	300	400	500	600	700	900	006	1 0 0 0	1100	1200		8 N		
- 4H $- 2H$												6 N)) (
$= 2 S$ $= 4 S$ $= 8 S$ $= 8 S$ $= 10 S$ $= 10 S$ $= 0 \frac{Con}{Con} \frac{v}{V}$ $= 2 S$ $= 4 S$ $= 8 S$ $= 8 S$ $= 10 S$ $= 10 S$ $= 10 S$												4 N		<u>KE</u>
= 2 s $= 4 s$ $= 4 s$ $= 6 s$ $= 8 s$ $= 10 s$											_	2 N		
$-4s$ $-4s$ $-4s$ $-8s$ $-8s$ $-8s$ $-10s$ $\frac{KIDD CREE}{VISUUMAN}$ $-10s$ $\frac{KIDD CREE}{VISUUMAN}$ $-10s$ $\frac{KIDD CREE}{VISUUMAN}$	•••••••••••••••	-1 +3	×	× -3 +5 × -4 0	x ⁷ -6 +7		K -1 +3 ↓ -3 +3	Ĵ <u></u> 0 +1		× -1 +3		0		
$-4 s$ $-4 s$ $\frac{1}{10000000}$ $-6 s$ $-8 s$ $\frac{1}{10000000}$ $\frac{1}{100000000}$ $\frac{1}{10000000000000000000000000000000000$	+1 0		1 -6 +2 1 -6 +2 1 -4 +3 1 -5 +3 1 -4 +2 1 -4 +2 1 -4 +2 1 -4 +2 1 -4 +2 1 -4 +3 1 -5 +2 1 -	D H -2 +2 D H -3 +2 D H -1 +1 D H -3 +2 D H	x -3 -2 x -3 +2 -4 0 -5 +7 x -3 +1 x -4 +2 x -4 +2	-5 0 +3 +3 -4 -2 0 -3	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	825784 +1 +5 0 +4 0 +5 1 +2 1 +	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} $		2 S		
- 8 S $- 10 S$		1 	<u>↓</u> -2 0	¥ <u></u> -4 +1	, 1 1 1 − 2 + 3	Ĩ k k k k k k k k k k		x () -3 +5	[<u>]</u> -5 -3			4 S		INSTRUMENT : A FREQUENCY : 4 COIL SPACING PROFILE SCALE
- 8 S - 100 20 KIDD CREE HORIZONTAL TISDA TISDA NTS: 42-A/06												6 S		2.8630
- 10 S HORIZONTAL TISDA NTS: 42-A/06												8 S		
												10 S	·	WORKEY

