

LOGISTICAL REPORT  
INDUCED POLARIZATION SURVEY

FIREWEED PROPERTY  
SIMTHERS AREA, BRITISH COLUMBIA

on behalf of

MINNOVA INC.  
4th floor - 311 Water Street  
Vancouver, B.C. V6B 1B8

Field work completed: June 18 to 20, 1991.

by

Alan Scott, Geophysicist  
SCOTT GEOPHYSICS LTD.  
4013 West 14th Avenue  
Vancouver, B.C. V6R 2X3

July 9, 1991

## TABLE OF CONTENTS

	page
1 Introduction	1
2 Claims Location and Access	1
3 Survey Grid and Survey Coverage	1
4 Personnel	1
5 Instrumentation and Procedures	2
6 Recommendations	2
Appendix	
Production Report	rear of report
Statement of Qualifications	rear of report
Contents of Map Pockets	
Induced Polarization Survey: Data Summaries	rear of report
Induced Polarization and Resistivity Pseudosections	rear of report
Accompanying maps	
Stacked Pseudosections	map roll

## 1. INTRODUCTION

Induced polarization/resistivity surveys were conducted over portions of the Fireweed Property, Smithers Area, B.C., within the period June 18 to 20, 1991. The work was conducted by Scott Geophysics Ltd. on behalf of Minnova Inc.

The pole dipole electrode array was used on the induced polarization survey, with an "a" spacing of 25 meters and "n" separations of 1, 2, and 3. The current electrode location was to the south of the potential electrodes on all survey lines.

The survey was conducted over an area previously surveyed by Scott Geophysics in the winter of 1988/89. The objective was to define the location of a chargeability high detected at that time, but for which the pickets had been subsequently moved so that the anomaly location on the ground was no longer certain.

## 2. CLAIMS LOCATION AND ACCESS

The Fireweed Property is located some 10 kms southeast of Smithers Landing, B.C. Access to the survey area is via a network of logging roads from the Smithers to Smithers Landing road.

## 3. SURVEY GRID AND SURVEY COVERAGE

A total of 2.7 line kilometers of induced polarization survey were completed on the Fireweed Property. Details of lines surveyed are given in the production report.

## 4. PERSONNEL

Ken Moir, geophysical technician, was the party chief on the survey. Gary Wells, geologist, was the Minnova representative for the survey.

## 5. INSTRUMENTATION

A Scintrex IPR11 time domain receiver, and a Scintrex 2.5 kw IPC7 transmitter were used for the induced polarization survey. Readings were taken using a 2 second alternating square wave. The chargeability for the eighth slice is the value that has been plotted on the accompanying plans and pseudosections (M7; 690 to 1050 milliseconds after shutoff; midpoint at 870 milliseconds).

The survey data was archived, processed, and plotted using a Toshiba 3200 microcomputer running Scintrex Soft II and proprietary software. All chargeability responses were analyzed for their spectral characteristics (cole-cole intrinsic chargeability, time constant, and frequency dependence) using Johnson's curve matching procedure (Scintrex Soft II). In areas of low amplitude chargeability response, the spectral parameters are often relatively poorly defined.

## 6. RECOMMENDATIONS

The location of the previously detected chargeability highs was defined on the survey. If this high has not been adequately evaluated with past diamond drilling, further drilling is recommended.

Respectfully Submitted,



Alan Scott, Geophysicist

GEOPHYSICAL SURVEY PRODUCTION REPORT

IPR 11 SURVEY: pole dipole array, a=25 meters, n=1 to 3

Project No.: 9122 Client: MINNOVA INC. Area: FIREWEED PROPERTY

Date	Lines surveyed and comments	Production
Sun		
Mon		
Tues June 18	Mobe Vancouver - P.G.	travel
Wed June 19	Mobe P.G. - Fireweed; setup and complete 23E.	24 stations 600 meters
Thurs June 20	24E, 25E, 26E, 27E, demobe grid.	83 stations 2075 meters
Fri June 21	demob	travel
Sat		

Remarks:	Totals (this wk)	
	Totals (to date)	107 stations 2675 meters

Personnel:	S	M	T	W	T	F	S
Ken Moir			m	r	r	m	
Mitch Davies			m	c	t	m	
Scott Benson			m	t	c	m	
Mark Kachaluba			m	p	p	m	

r = receiver      t = transmitter  
 p = pots          c = current  
 s = standby      m = mob/demob  
 d = data proc.    l = linecutting

Signed: 

Date: July 9/91

Statement of Qualifications

for

Alan Scott, Geophysicist

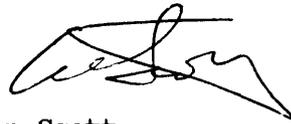
of

4013 West 14th Avenue  
Vancouver, B.C. V6R 2X3

I, Alan Scott, hereby certify the following statements regarding my qualifications, and my involvement in the program of work described in this report.

1. The work was performed by individuals sufficiently trained and qualified for its performance.
2. I have no material interest in the property under consideration in this report, nor in the company on whose behalf the work was performed.
3. I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970, and with a Master of Business Administration degree in 1982.
4. I am a member of the B.C. Geophysical Society and of the Society of Exploration Geophysicists.
5. I have been practicing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Alan Scott', written in a cursive style.

Alan Scott

FIREWEED PROPERTY

LINESTN SEP XGD YGD M7 VP SP RHO M C TAU  
3 3 3 2 2 1 1 1 1 1 1 1

(T60,2A7,A3,T1,2F10.0,3F5.0,4F6.0)

23.0	-181.3	2.3	85.2	16	99.0	-2000	-2000	-2000	23E	175S	1
23.0	-168.8	2.4	36.7	3	128	45.9	0.30	0.03	23E	175S	2
23.0	-156.3	2.0	17.5	5	122	49.1	0.30	0.01	23E	175S	3
23.0	-156.3	2.0	210	9	131	39.3	0.30	0.03	23E	150S	1
23.0	-143.8	1.9	63.5	12	120	37.0	0.30	0.03	23E	150S	2
23.0	-131.3	1.6	37.5	-8	141	32.0	0.30	0.03	23E	150S	3
23.0	-131.3	1.6	134	7	84.0	-2000	-2000	-2000	23E	125S	1
23.0	-118.8	1.2	45.2	-5	85.1	-2000	-2000	-2000	23E	125S	2
23.0	-106.3	1.2	32.4	0	121	-2000	-2000	-2000	23E	125S	3
23.0	-106.3	1.2	137	-1	85.0	-2000	-2000	-2000	23E	100S	1
23.0	-93.8	1.0	57.4	-5	108	-2000	-2000	-2000	23E	100S	2
23.0	-81.3	1.7	27.3	11	102	33.3	0.30	0.03	23E	100S	3
23.0	-81.3	0.9	110	5	68.0	-2000	-2000	-2000	23E	75S	1
23.0	-68.8	1.3	47.5	2	89.4	-2000	-2000	-2000	23E	75S	2
23.0	-56.3	1.7	24.9	-4	93.0	42.7	0.30	0.01	23E	75S	3
23.0	-56.3	1.2	138	11	66.0	-2000	-2000	-2000	23E	50S	1
23.0	-43.8	1.7	51.0	-7	73.9	41.7	0.30	0.01	23E	50S	2
23.0	-31.3	1.4	38.4	10	111	-2000	-2000	-2000	23E	50S	3
23.0	-31.3	1.8	138	2	66.0	34.7	0.30	0.03	23E	25S	1
23.0	-18.8	1.6	66.8	3	96.8	32.4	0.30	0.03	23E	25S	2
23.0	-6.3	1.7	39.5	-16	114	42.1	0.30	0.01	23E	25S	3
23.0	-6.3	1.5	181	3	87.0	41.4	0.20	0.01	23E	0N	1
23.0	6.3	2.2	75.3	-20	109	57.9	0.20	0.01	23E	0N	2
23.0	18.8	3.2	47.3	24	136	51.1	0.30	0.10	23E	0N	3
23.0	18.8	1.6	158	-17	76.0	42.6	0.20	0.01	23E	25N	1
23.0	31.3	3.1	78.4	31	114	81.9	0.20	0.01	23E	25N	2
23.0	43.8	3.9	55.2	-16	159	105	0.20	0.01	23E	25N	3
23.0	43.8	2.7	190	28	87.0	71.8	0.20	0.01	23E	50N	1
23.0	56.3	3.7	102	-18	141	61.0	0.30	0.10	23E	50N	2
23.0	68.8	7.2	72.2	11	199	166	0.20	0.03	23E	50N	3
23.0	68.8	3.1	240	-10	107	82.9	0.20	0.01	23E	75N	1
23.0	81.3	7.1	138	12	185	150	0.20	0.10	23E	75N	2
23.0	93.8	17.7	37.8	-21	101	516	0.10	30.0	23E	75N	3
23.0	93.8	6.6	318	10	146	264	0.10	0.01	23E	100N	1
23.0	106.3	17.4	67.9	-24	94.0	515	0.10	10.0	23E	100N	2
23.0	118.8	20.3	35.9	17	99.0	574	0.10	10.0	23E	100N	3
23.0	118.8	17.2	146	-23	76.0	505	0.10	100	23E	125N	1
23.0	131.3	20.9	60.2	20	94.4	578	0.10	30.0	23E	125N	2
23.0	143.8	15.0	32.8	1	102	511	0.10	0.03	23E	125N	3
23.0	143.8	19.4	206	15	92.0	549	0.10	100	23E	150N	1
23.0	156.3	15.7	82.1	1	110	511	0.10	0.10	23E	150N	2
23.0	168.8	13.5	46.2	1	124	468	0.10	0.03	23E	150N	3
23.0	168.8	17.4	155	3	81.0	511	0.10	30.0	23E	175N	1
23.0	181.3	16.8	64.1	5	101	514	0.10	1.0	23E	175N	2
23.0	193.8	15.3	32.5	-6	101	502	0.10	0.10	23E	175N	3
23.0	193.8	11.8	203	5	91.0	383	0.10	30.0	23E	200N	1
23.0	206.3	14.5	71.6	-8	96.3	450	0.10	30.0	23E	200N	2
23.0	218.8	15.4	44.9	7	120	483	0.10	1.0	23E	200N	3
23.0	218.8	5.7	170	-4	88.0	229	0.10	0.01	23E	225N	1
23.0	231.3	8.8	69.9	8	110	326	0.10	0.03	23E	225N	2
23.0	243.8	10.1	44.6	6	139	382	0.10	0.01	23E	225N	3
23.0	243.8	3.9	137	7	85.0	91.5	0.20	0.03	23E	250N	1
23.0	256.3	5.9	63.3	-4	119	126	0.20	0.10	23E	250N	2
23.0	268.8	6.8	37.1	5	139	144	0.20	0.10	23E	250N	3
23.0	268.8	3.3	197	8	88.0	78.8	0.20	0.03	23E	275N	1
23.0	281.3	4.8	76.7	0	103	102	0.20	0.10	23E	275N	2
23.0	293.8	5.2	50.4	-5	135	121	0.20	0.03	23E	275N	3
23.0	293.8	2.6	183	0	81.0	69.3	0.20	0.01	23E	300N	1
23.0	293.8	2.6	183	0	81.0	69.3	0.20	0.01	23E	300N	1

23.0	318.8	3.5	47.6	3	127	68.0	0.30	0.03	23E	300N	3
23.0	318.8	2.1	175	-4	78.0	54.7	0.20	0.01	23E	325N	1
23.0	331.3	2.6	71.4	7	96.0	68.9	0.20	0.01	23E	325N	2
23.0	343.8	3.2	39.9	-4	107	74.8	0.20	0.03	23E	325N	3
23.0	343.8	1.4	165	1	73.0	-2000	-2000	-2000	23E	350N	1
23.0	356.3	2.1	67.9	9	91.3	49.6	0.30	0.01	23E	350N	2
23.0	368.8	1.6	118	8	52.0	-2000	-2000	-2000	23E	375N	1

\$\$DATA\$\$ 12 -1 3 -2000 1 91/06/20  
 Array:P Trav dir:N Current:T Num Sep:3 A Spc:25,25,25 Eff.Sep:1,2,3  
 MINNOVA INC.

FIREWEED PROPERTY

LIN	STN	SEP	XGD	YGD	M7	VP	SP	RHO	M	C	TAU			
(T60,2A7,A3,T1,2F10.0,3F5.0,4F6.0)	3	3	3	2	2	1	1	1	1	1	1	1	1	1
24.0			-106.3	1.3	90.8	2	66.3	-2000	-2000	-2000	24E	100S	1	
24.0			-93.8	1.2	36.3	-1	79.4	-2000	-2000	-2000	24E	100S	2	
24.0			-81.3	1.1	19.6	13	85.0	-2000	-2000	-2000	24E	100S	3	
24.0			-81.3	1.3	117	7	66.0	-2000	-2000	-2000	24E	75S	1	
24.0			-68.8	1.0	48.0	13	82.1	-2000	-2000	-2000	24E	75S	2	
24.0			-56.3	0.7	25.4	-10	86.0	-2000	-2000	-2000	24E	75S	3	
24.0			-56.3	0.9	128	14	67.0	-2000	-2000	-2000	24E	50S	1	
24.0			-43.8	0.8	49.4	-14	77.5	-2000	-2000	-2000	24E	50S	2	
24.0			-31.3	0.5	29.0	17	90.0	-2000	-2000	-2000	24E	50S	3	
24.0			-31.3	0.7	109	-7	57.0	-2000	-2000	-2000	24E	25S	1	
24.0			-18.8	0.4	47.9	19	75.2	-2000	-2000	-2000	24E	25S	2	
24.0			-6.3	0.6	32.6	-6	102	-2000	-2000	-2000	24E	25S	3	
24.0			-6.3	0.5	129	24	61.0	-2000	-2000	-2000	24E	0N	1	
24.0			6.3	0.4	60.0	-9	85.6	-2000	-2000	-2000	24E	0N	2	
24.0			18.8	2.5	51.8	-4	147	60.9	0.20	0.03	24E	0N	3	
24.0			18.8	0.5	143	-2	68.0	-2000	-2000	-2000	24E	25N	1	
24.0			31.3	2.4	88.4	-7	126	56.4	0.20	0.03	24E	25N	2	
24.0			43.8	3.5	57.7	11	164	92.9	0.20	0.01	24E	25N	3	
24.0			43.8	2.4	131	-4	67.0	57.2	0.20	0.03	24E	50N	1	
24.0			56.3	3.3	73.9	15	114	53.8	0.30	0.10	24E	50N	2	
24.0			68.8	5.1	52.8	-4	162	133	0.20	0.01	24E	50N	3	
24.0			68.8	2.7	157	11	117	54.2	0.30	0.03	24E	75N	1	
24.0			81.3	4.4	72.7	-2	163	86.7	0.30	0.03	24E	75N	2	
24.0			93.8	12.1	21.3	1	95.0	244	0.20	0.10	24E	75N	3	
24.0			93.8	3.6	230	-3	126	70.9	0.30	0.03	24E	100N	1	
24.0			106.3	12.2	57.9	0	95.6	446	0.10	0.01	24E	100N	2	
24.0			118.8	10.9	27.9	-18	91.0	404	0.10	0.01	24E	100N	3	
24.0			118.8	10.6	163	9	102	397	0.10	0.01	24E	125N	1	
24.0			131.3	11.5	54.6	-16	103	428	0.10	0.01	24E	125N	2	
24.0			143.8	10.5	33.0	8	124	214	0.20	0.10	24E	125N	3	
24.0			143.8	11.0	178	-15	86.0	386	0.10	0.10	24E	150N	1	
24.0			156.3	10.8	83.4	7	121	393	0.10	0.03	24E	150N	2	
24.0			168.8	11.9	51.0	-14	147	437	0.10	0.01	24E	150N	3	
24.0			168.8	6.6	154	12	74.0	141	0.20	0.10	24E	175N	1	
24.0			181.3	9.0	79.5	-14	115	335	0.10	0.03	24E	175N	2	
24.0			193.8	12.2	51.7	14	149	449	0.10	0.01	24E	175N	3	
24.0			193.8	3.9	219	-12	81.0	93.3	0.20	0.03	24E	200N	1	
24.0			206.3	8.2	110	13	123	170	0.20	0.10	24E	200N	2	
24.0			218.8	10.3	57.2	5	128	389	0.10	0.01	24E	200N	3	
24.0			218.8	5.2	174	19	78.0	109	0.20	0.10	24E	225N	1	
24.0			231.3	8.3	72.8	7	97.9	312	0.10	0.03	24E	225N	2	
24.0			243.8	10.6	52.7	-11	141	362	0.10	0.30	24E	225N	3	
24.0			243.8	5.4	151	-4	67.0	109	0.20	0.10	24E	250N	1	
24.0			256.3	8.5	84.9	-4	114	310	0.10	0.10	24E	250N	2	
24.0			268.8	8.7	50.6	7	135	336	0.10	0.01	24E	250N	3	
24.0			268.8	5.1	195	8	82.0	189	0.10	1.0	24E	275N	1	
24.0			281.3	7.2	93.7	9	119	257	0.10	30.0	24E	275N	2	
24.0			293.8	6.8	38.9	-9	98.0	239	0.10	1.0	24E	275N	3	
24.0			293.8	4.6	173	13	77.0	174	0.10	0.01	24E	300N	1	
24.0			306.3	4.6	54.0	-4	72.6	187	0.10	0.01	24E	300N	2	
24.0			318.8	4.6	31.4	6	84.0	183	0.10	0.10	24E	300N	3	
24.0			318.8	2.1	149	-8	64.0	51.3	0.20	0.03	24E	325N	1	
24.0			331.3	2.6	56.8	11	73.2	-2000	-2000	-2000	24E	325N	2	
24.0			343.8	3.2	36.6	-5	94.0	-2000	-2000	-2000	24E	325N	3	
24.0			343.8	1.5	83.8	-4	62.6	-2000	-2000	-2000	24E	350N	1	
24.0			356.3	1.8	31.5	6	70.6	-2000	-2000	-2000	24E	350N	2	
24.0			368.8	2.0	43.1	-4	61.4	-2000	-2000	-2000	24E	375N	1	

FIREWEED PROPERTY

LIN	STN	SEP	XGD	YGD	M7	VP	SP	RHO	M	C	TAU			
(T60,2A7,A3,T1,2F10.0,3F5.0,4F6.0)	3	3	3	2	2	1	1	1	1	1	1	1		
25.0						1.8	398	23		143	35.6	0.30	0.03	25E 125S 1
25.0						1.7	139	-12		150	41.2	0.30	0.01	25E 125S 2
25.0						1.4	65.4	4		141	-2000	-2000	-2000	25E 125S 3
25.0						1.6	110	-8		115	-2000	-2000	-2000	25E 100S 1
25.0						1.5	38.1	-5		120	38.9	0.30	0.01	25E 100S 2
25.0						1.5	16.5	-4		103	-2000	-2000	-2000	25E 100S 3
25.0						1.6	142	2		103	42.9	0.20	0.01	25E 75S 1
25.0						1.1	47.8	-2		105	-2000	-2000	-2000	25E 75S 2
25.0						0.8	23.7	28		103	-2000	-2000	-2000	25E 75S 3
25.0						1.1	167	-3		87.0	-2000	-2000	-2000	25E 50S 1
25.0						0.9	60.4	-5		94.8	-2000	-2000	-2000	25E 50S 2
25.0						1.7	35.7	7		111	-2000	-2000	-2000	25E 50S 3
25.0						0.7	208	-1		72.0	-2000	-2000	-2000	25E 25S 1
25.0						1.5	91.3	9		95.6	31.2	0.30	0.03	25E 25S 2
25.0						3.1	57.1	0		119	80.6	0.20	0.01	25E 25S 3
25.0						1.2	163	23		68.0	-2000	-2000	-2000	25E 0N 1
25.0						3.2	77.3	-7		97.1	85.7	0.20	0.01	25E 0N 2
25.0						3.5	45.1	1		113	68.5	0.30	0.03	25E 0N 3
25.0						3.1	124	4		77.0	73.2	0.20	0.03	25E 25N 1
25.0						4.0	56.6	7		107	95.8	0.20	0.03	25E 25N 2
25.0						4.5	28.9	30		108	119	0.20	0.01	25E 25N 3
25.0						2.6	187	19		83.0	68.0	0.20	0.01	25E 50N 1
25.0						3.7	72.4	24		97.4	58.6	0.30	0.10	25E 50N 2
25.0						4.3	46.8	-31		125	112	0.20	0.01	25E 50N 3
25.0						2.3	174	28		68.0	44.8	0.30	0.03	25E 75N 1
25.0						3.4	88.3	-36		104	82.0	0.20	0.03	25E 75N 2
25.0						5.3	52.2	19		122	124	0.20	0.03	25E 75N 3
25.0						1.9	174	-38		80.0	47.2	0.30	0.01	25E 100N 1
25.0						4.1	81.1	18		112	66.2	0.30	0.10	25E 100N 2
25.0						6.1	45.9	0		126	96.2	0.30	0.10	25E 100N 3
25.0						2.8	118	11		92.0	73.6	0.20	0.01	25E 125N 1
25.0						5.2	47.0	1		111	135	0.20	0.01	25E 125N 2
25.0						6.7	28.4	-1		133	154	0.20	0.03	25E 125N 3
25.0						3.6	166	0		74.0	94.0	0.20	0.01	25E 150N 1
25.0						5.2	81.2	0		109	136	0.20	0.01	25E 150N 2
25.0						7.7	51.5	-4		138	178	0.20	0.03	25E 150N 3
25.0						3.0	198	2		83.0	79.9	0.20	0.01	25E 175N 1
25.0						6.0	99.7	-5		125	139	0.20	0.03	25E 175N 2
25.0						10.9	55.0	0		137	384	0.10	0.10	25E 175N 3
25.0						3.4	196	-9		82.0	90.1	0.20	0.01	25E 200N 1
25.0						9.0	85.3	-1		107	344	0.10	0.01	25E 200N 2
25.0						10.7	48.8	5		122	394	0.10	0.01	25E 200N 3
25.0						6.3	174	-3		80.0	252	0.10	0.01	25E 225N 1
25.0						9.6	73.8	7		102	334	0.10	0.30	25E 225N 2
25.0						9.8	50.7	-9		140	369	0.10	0.01	25E 225N 3
25.0						7.2	144	5		66.0	257	0.10	1.0	25E 250N 1
25.0						9.0	78.6	-12		109	315	0.10	0.30	25E 250N 2
25.0						7.9	36.9	8		101	291	0.10	0.10	25E 250N 3
25.0						4.9	196	-7		77.0	187	0.10	0.10	25E 275N 1
25.0						5.3	71.9	5		84.6	215	0.10	0.01	25E 275N 2
25.0						5.3	39.9	-1		93.0	216	0.10	0.01	25E 275N 3
25.0						2.3	155	3		69.0	60.8	0.20	0.01	25E 300N 1
25.0						3.0	62.2	-3		83.6	80.1	0.20	0.01	25E 300N 2
25.0						3.2	35.0	-2		94.0	84.6	0.20	0.01	25E 300N 3
25.0						1.9	106	8		47.0	30.3	0.30	0.10	25E 325N 1
25.0						2.1	49.6	1		66.7	40.3	0.30	0.03	25E 325N 2
25.0						2.3	33.7	0		90.0	37.1	0.30	0.10	25E 325N 3
25.0						1.4	94.4	4		53.8	-2000	-2000	-2000	25E 350N 1

25.0	368.8	1.6	36.6	0	42.5	-2000	-2000	-2000	25E	375N	1
------	-------	-----	------	---	------	-------	-------	-------	-----	------	---

\$\$DATA\$\$ 12 -1 3 -2000 1 91/06/20  
 Array:P Trav dir:N Current:T Num Sep:3 A Spc:25,25,25 Eff.Sep:1,2,3

MINNOVA INC.  
 FIREWEED PROPERTY

LINE	STN	SEP	XGD	YGD	M7	VP	SP	RHO	M	C	TAU			
3	3	3	2	2	1	1	1	1	1	1	1	1		
(T60,2A7,A3,T1,2F10.0,3F5.0,4F6.0)														
26.0			-81.3		1.7	180		11		102	46.4	0.20	0.01	26E 75S 1
26.0			-68.8		1.8	67.1		-2		115	48.0	0.20	0.01	26E 75S 2
26.0			-56.3		1.6	30.7		11		104	-2000	-2000	-2000	26E 75S 3
26.0			-56.3		1.8	218		13		97.0	29.6	0.30	0.10	26E 50S 1
26.0			-43.8		1.5	62.2		11		83.6	25.2	0.30	0.10	26E 50S 2
26.0			-31.3		1.2	36.4		15		97.0	-2000	-2000	-2000	26E 50S 3
26.0			-31.3		1.3	78.3		18		61.4	-2000	-2000	-2000	26E 25S 1
26.0			-18.8		1.5	32.8		25		77.2	-2000	-2000	-2000	26E 25S 2
26.0			-6.3		1.6	19.6		-15		92.0	-2000	-2000	-2000	26E 25S 3
26.0			-6.3		1.7	213		19		83.0	27.0	0.30	0.10	26E 0N 1
26.0			6.3		1.9	75.3		1		88.6	50.7	0.20	0.01	26E 0N 2
26.0			18.8		2.7	44.9		13		105	65.1	0.20	0.03	26E 0N 3
26.0			18.8		1.5	185		6		72.0	29.2	0.30	0.03	26E 25N 1
26.0			31.3		1.8	79.2		9		93.2	36.3	0.40	0.03	26E 25N 2
26.0			43.8		3.1	39.0		13		91.0	76.6	0.30	0.01	26E 25N 3
26.0			43.8		1.7	138		1		57.0	33.5	0.30	0.03	26E 50N 1
26.0			56.3		3.0	58.1		29		72.9	60.7	0.30	0.03	26E 50N 2
26.0			68.8		5.9	43.4		-1		108	152	0.20	0.01	26E 50N 3
26.0			68.8		2.1	128		22		80.0	44.4	0.20	0.10	26E 75N 1
26.0			81.3		6.3	49.1		-13		92.4	-2000	-2000	-2000	26E 75N 2
26.0			93.8		7.6	30.1		-13		113	151	0.20	30.0	26E 75N 3
26.0			93.8		3.9	147		-14		66.0	162	0.10	0.01	26E 100N 1
26.0			106.3		6.4	70.0		-13		94.2	234	0.10	30.0	26E 100N 2
26.0			118.8		6.9	49.3		12		132	250	0.10	30.0	26E 100N 3
26.0			118.8		4.7	78.9		-7		65.2	100	0.20	0.10	26E 125N 1
26.0			131.3		5.7	45.0		14		112	135	0.20	0.03	26E 125N 2
26.0			143.8		6.2	24.2		7		119	161	0.20	0.01	26E 125N 3
26.0			143.8		4.2	152		13		68.0	91.3	0.20	0.10	26E 150N 1
26.0			156.3		6.0	70.9		10		95.3	242	0.10	0.01	26E 150N 2
26.0			168.8		6.8	48.7		-16		130	250	0.10	0.10	26E 150N 3
26.0			168.8		2.9	185		4		80.0	46.8	0.30	0.10	26E 175N 1
26.0			181.3		4.0	86.8		-14		114	64.5	0.30	0.10	26E 175N 2
26.0			193.8		4.4	38.0		2		99.0	-2000	-2000	-2000	26E 175N 3
26.0			193.8		2.7	111		27		74.0	70.8	0.20	0.01	26E 200N 1
26.0			206.3		3.7	43.1		3		86.4	96.8	0.20	0.01	26E 200N 2
26.0			218.8		4.2	24.8		14		99.0	91.0	0.20	0.10	26E 200N 3
26.0			218.8		1.7	118		3		67.0	35.8	0.30	0.03	26E 225N 1
26.0			231.3		2.5	51.7		15		88.4	48.8	0.30	0.03	26E 225N 2
26.0			243.8		2.9	26.0		-19		89.0	79.5	0.20	0.01	26E 225N 3
26.0			243.8		1.6	163		2		68.0	31.7	0.30	0.03	26E 250N 1
26.0			256.3		2.2	63.5		-8		79.7	59.5	0.20	0.01	26E 250N 2
26.0			268.8		2.3	44.0		13		110	-2000	-2000	-2000	26E 250N 3
26.0			268.8		1.4	118		-23		56.0	24.7	0.30	0.10	26E 275N 1
26.0			281.3		2.0	53.8		8		76.7	32.6	0.30	0.10	26E 275N 2
26.0			293.8		2.4	48.0		1		136	38.6	0.30	0.10	26E 275N 3
26.0			293.8		1.4	122		3		81.0	-2000	-2000	-2000	26E 300N 1
26.0			306.3		2.1	57.9		-5		116	54.6	0.20	0.01	26E 300N 2
26.0			318.8		2.1	26.9		15		107	40.9	0.30	0.03	26E 300N 3
26.0			318.8		1.7	131		-3		82.0	45.7	0.20	0.01	26E 325N 1
26.0			331.3		2.0	43.9		7		82.7	83.7	0.10	0.10	26E 325N 2
26.0			343.8		2.1	25.8		-6		97.0	-2000	-2000	-2000	26E 325N 3
26.0			343.8		1.5	108		1		80.0	42.1	0.20	0.01	26E 350N 1
26.0			356.3		2.0	33.2		-12		74.5	-2000	-2000	-2000	26E 350N 2
26.0			368.8		1.3	60.7		-10		68.0	-2000	-2000	-2000	26E 375N 1

\$\$DATA\$\$ 12 -1 3 -2000 1 91/06/20  
Array:P Trav dir:N Current:T Num Sep:3 A Spc:25,25,25 Eff.Sep:1,2,3

MINNOVA INC.  
FIREWEED PROPERTY

LIN	STN	SEP	XGD	YGD	M7	VP	SP	RHO	M	C	TAU			
(T60,2A7,A3,T1,2F10.0,3F5.0,4F6.0)														
27.0						1.3	215	12	84.0	-2000	-2000	-2000	27E	75S 1
27.0						1.3	91.9	23	108	-2000	-2000	-2000	27E	75S 2
27.0						1.2	58.6	-19	137	-2000	-2000	-2000	27E	75S 3
27.0						1.4	206	-18	99.0	-2000	-2000	-2000	27E	50S 1
27.0						1.3	84.7	9	123	27.6	0.30	0.03	27E	50S 2
27.0						0.9	35.6	7	102	-2000	-2000	-2000	27E	50S 3
27.0						1.5	227	-5	107	40.9	0.20	0.01	27E	25S 1
27.0						1.3	70.6	-16	101	-2000	-2000	-2000	27E	25S 2
27.0						1.2	46.9	24	133	-2000	-2000	-2000	27E	25S 3
27.0						1.3	177	-1	85.0	-2000	-2000	-2000	27E	0N 1
27.0						1.6	77.7	10	113	-2000	-2000	-2000	27E	0N 2
27.0						1.6	33.7	-18	97.0	-2000	-2000	-2000	27E	0N 3
27.0						1.3	205	5	91.0	-2000	-2000	-2000	27E	25N 1
27.0						1.4	58.7	-13	79.0	-2000	-2000	-2000	27E	25N 2
27.0						1.8	33.4	19	89.0	-2000	-2000	-2000	27E	25N 3
27.0						1.1	121	-20	63.0	-2000	-2000	-2000	27E	50N 1
27.0						1.7	54.7	16	85.8	34.4	0.30	0.03	27E	50N 2
27.0						3.0	31.0	14	97.0	-2000	-2000	-2000	27E	50N 3
27.0						1.4	167	5	75.0	-2000	-2000	-2000	27E	75N 1
27.0						2.2	64.6	14	86.9	44.8	0.30	0.03	27E	75N 2
27.0						3.3	38.6	-9	103	82.1	0.20	0.03	27E	75N 3
27.0						1.6	171	17	68.0	42.8	0.20	0.01	27E	100N 1
27.0						3.1	72.7	-12	87.7	80.7	0.20	0.01	27E	100N 2
27.0						3.9	37.5	-2	90.0	93.2	0.20	0.03	27E	100N 3
27.0						2.1	160	2	71.0	33.6	0.30	0.10	27E	125N 1
27.0						3.3	62.3	0	83.8	73.8	0.20	0.10	27E	125N 2
27.0						3.9	36.3	-6	97.0	92.6	0.20	0.03	27E	125N 3
27.0						2.2	144	2	64.0	35.8	0.30	0.10	27E	150N 1
27.0						3.1	63.7	-8	85.6	75.1	0.20	0.03	27E	150N 2
27.0						3.5	38.1	8	102	92.1	0.20	0.01	27E	150N 3
27.0						2.1	161	-3	76.0	18.7	0.50	0.30	27E	175N 1
27.0						2.7	66.9	7	95.4	53.8	0.30	0.03	27E	175N 2
27.0						3.2	38.9	3	110	62.4	0.30	0.03	27E	175N 3
27.0						1.9	151	10	67.0	49.8	0.20	0.01	27E	200N 1
27.0						2.6	66.1	6	88.9	50.7	0.30	0.03	27E	200N 2
27.0						2.9	36.5	-12	98.0	56.7	0.30	0.03	27E	200N 3
27.0						1.4	135	7	74.0	-2000	-2000	-2000	27E	225N 1
27.0						1.4	54.5	-13	90.0	-2000	-2000	-2000	27E	225N 2
27.0						0.9	27.8	23	91.0	-2000	-2000	-2000	27E	225N 3
27.0						1.7	124	-2	68.0	32.6	0.30	0.03	27E	250N 1
27.0						1.7	50.8	22	83.9	-2000	-2000	-2000	27E	250N 2
27.0						1.5	25.1	-7	82.0	-2000	-2000	-2000	27E	250N 3
27.0						1.7	160	11	91.0	32.9	0.30	0.03	27E	275N 1
27.0						1.6	43.7	-10	74.7	-2000	-2000	-2000	27E	275N 2
27.0						2.0	24.6	5	83.0	-2000	-2000	-2000	27E	275N 3
27.0						1.5	104	-8	57.0	-2000	-2000	-2000	27E	300N 1
27.0						1.8	41.8	1	69.1	-2000	-2000	-2000	27E	300N 2
27.0						2.1	28.5	10	93.0	-2000	-2000	-2000	27E	300N 3
27.0						1.4	106	8	60.0	35.9	0.20	0.03	27E	325N 1
27.0						1.8	48.7	10	83.3	46.9	0.20	0.01	27E	325N 2
27.0						1.9	23.2	-3	79.0	-2000	-2000	-2000	27E	325N 3
27.0						1.4	68.4	3	61.4	-2000	-2000	-2000	27E	350N 1
27.0						1.5	24.5	11	66.0	-2000	-2000	-2000	27E	350N 2
27.0						1.2	49.0	12	61.5	-2000	-2000	-2000	27E	375N 1

MINNOVA INC.

FIREWEED PROPERTY

LINE: 23E

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)

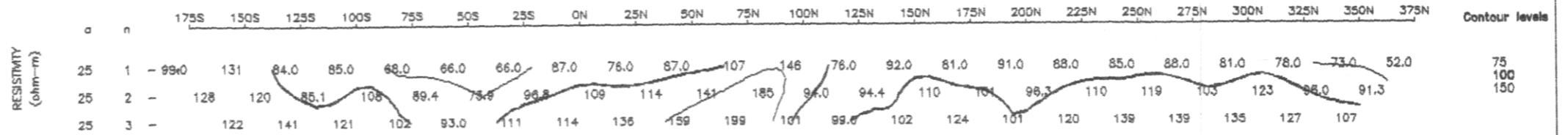
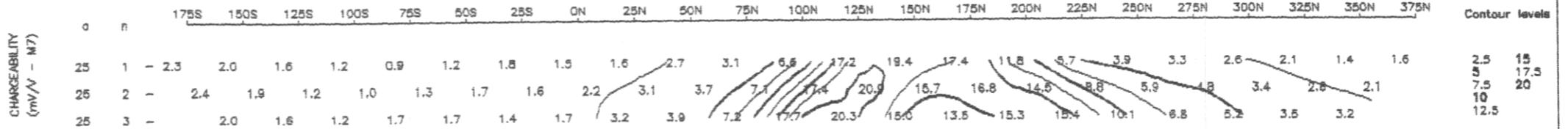
SCOTT GEOPHYSICS LTD.

91/06/19

Scintrex IPR-11

Pulse Rate: 2 sec

Current electrode is south of potential electrodes



LINE: 23E

MINNOVA INC.

FIREWEED PROPERTY

LINE: 24E

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)

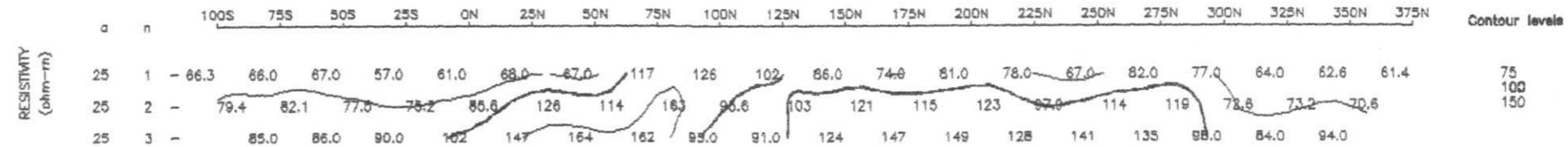
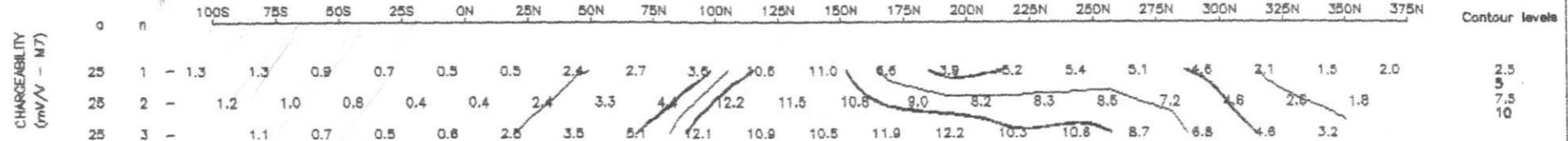
SCOTT GEOPHYSICS LTD.

91/06/20

Scintrex IPR-11

Pulse Rate: 2 sec

Current electrode is south of potential electrodes



LINE: 24E

MINNOVA INC.

FIREWEED PROPERTY

LINE: 25E

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)

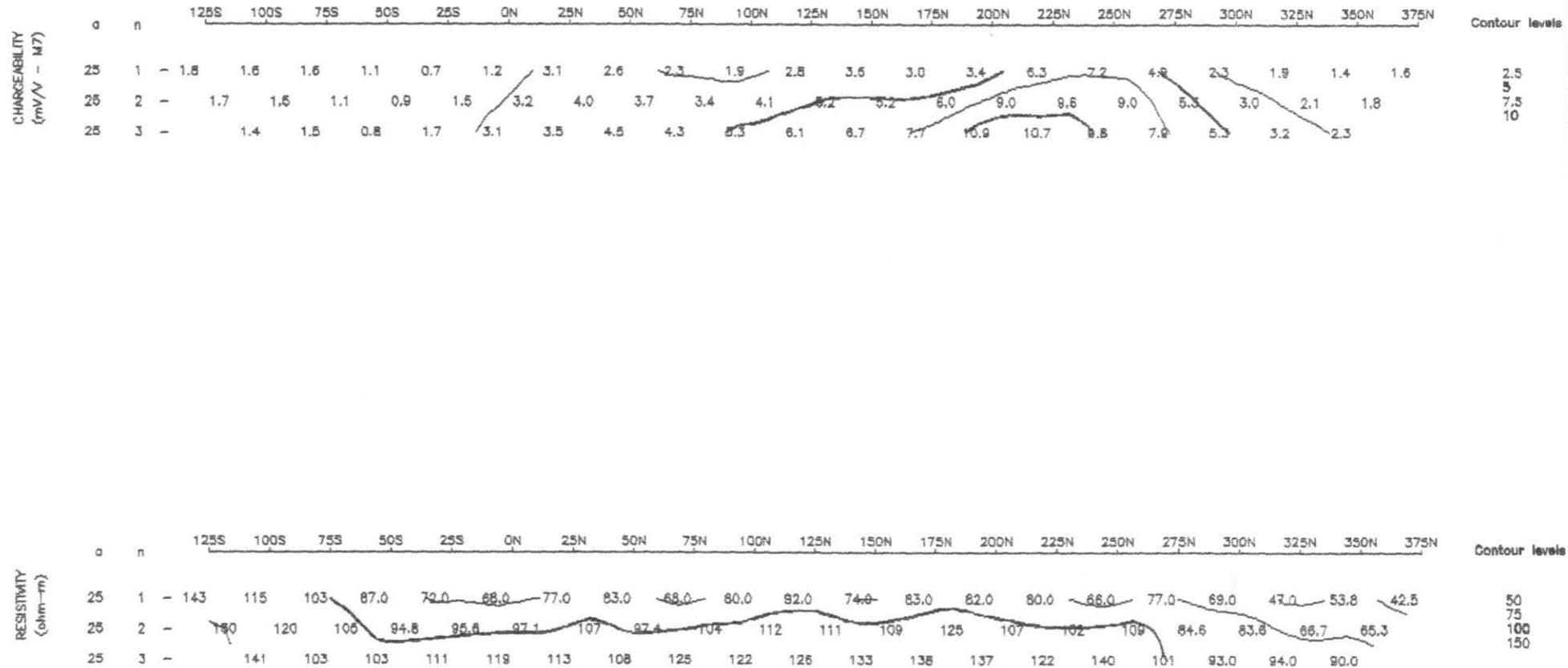
Scintrex IPR-11

Pulse Rate: 2 sec

SCOTT GEOPHYSICS LTD.

91/06/20

Current electrode is south of potential electrodes



LINE: 25E

MINNOVA INC.

FIREWEED PROPERTY

LINE: 26E

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)

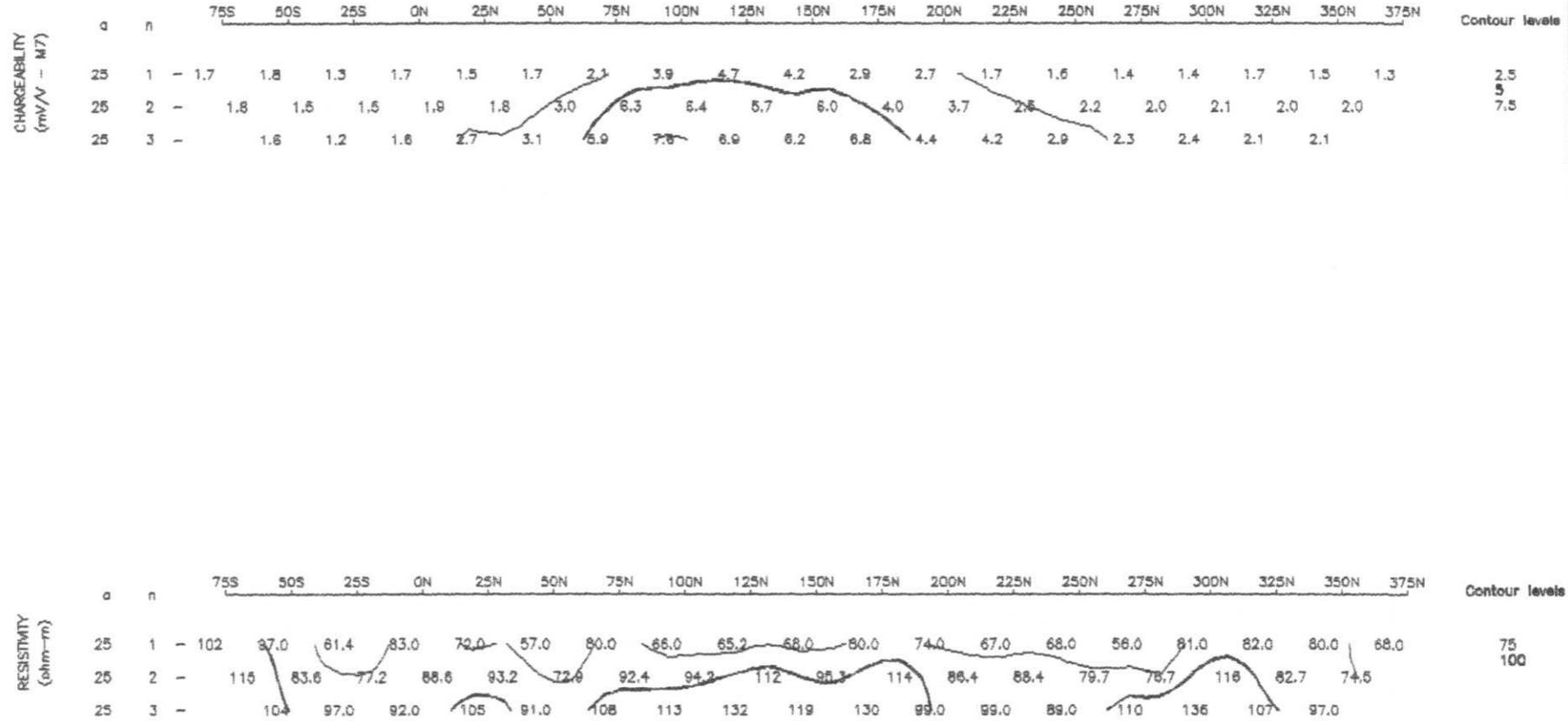
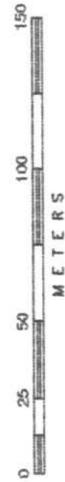
SCOTT GEOPHYSICS LTD.

91/06/20

Scintrex IPR-11

Pulse Rate: 2 sec

Current electrode is south of potential electrodes



LINE: 26E

MINNOVA INC.

FIREWEED PROPERTY

LINE: 27E

INDUCED POLARIZATION SURVEY (Pole-Dipole Array)

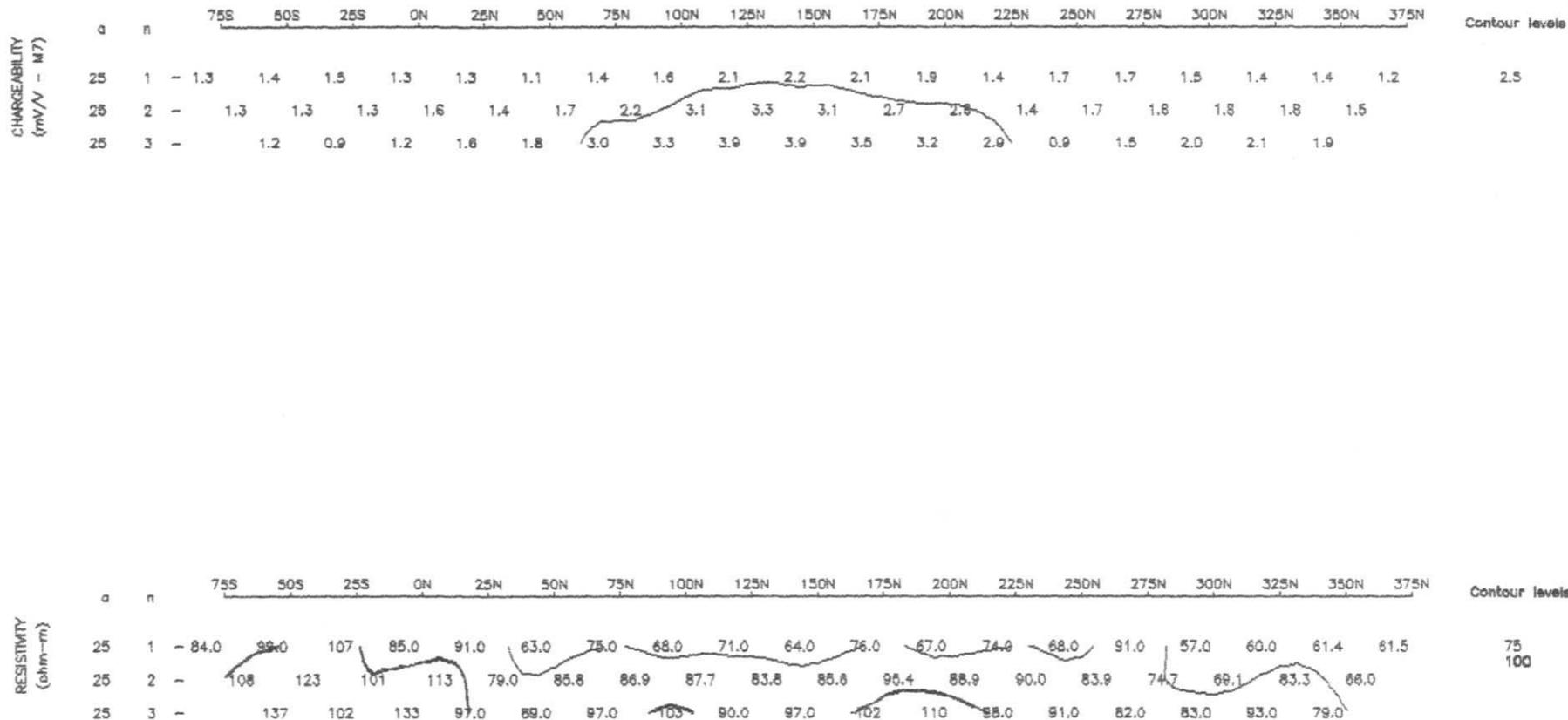
SCOTT GEOPHYSICS LTD.

91/06/20

Scintrex IPR-11

Pulse Rate: 2 sec

Current electrode is south of potential electrodes



LINE: 27E