

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN.-NC.	COUNTY MONROE	DATE 1-5-78
CREW NO. 6834	TERRAIN Mountians	WEATHER COLD - SNOW	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP. GAIN TIME	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	% DRIVE	
1 933	PULSE TEST	1 - 6 SEC.			9:00	221	Out	Out		RECORDER SET UP BETWEEN STA'S
2 934	EINI	2 - " "								STARTING NEW LINE # 1, TENN. DUE TO INE ACCESSA-
3 936	DRD	4 - " "								BILTY OF FIRST OF LINE WILL BE STARTING THE VIBRA-
4 937	SUM TEST	2 - " "								TING STA. # 60 WITH SPLIT SPREAD, 16 STA. GAP,
5 938	NRS TEST	2 - " "								85 STA. GAP EITHER SIDE OF VIB. # 12668 DOWN
6 890	SIMULARTY	1 - 31 SEC.		4					50%	DUE TO BLOWN ENGINE. STA'S 1-61 IN NC., CHEROKEE
7 001	WIND STRIP	1 - 6 SEC.								COUNTY. NOISE ON LINE DUE TO CLOSE PROXIMITY OF RIVER
8 002	60	1-52 68-111	1						70%	TO LINE. 1-96 CORRELATION MADE ON FILE # 003
9 003	61	1-53 69-111	1							STA'S 87-101 NOISE DUE TO FALLS & RAPIDS IN RIVER
10 004	62	1-54 70-111	1							
11 005	63	1-55 71-111	1							
12 006	64	1-56 72-111	1							
13 007	65	1-57 73-111	1							
14 008	66	1-58 74-111	1							
15 009	67	1-59 75-111	1							
16 010	68	1-60 76-111	1							
17 011	69	1-61 77-111	1							STARTING TO SNOW
18 012	70	1-62 78-111	1							F.O.F. # 012 ON REEL # 221. RAW SWEEP MADE ON FILE # 012
19 014	71	1-63 79-111	1							BOF. # 013 (WIND STRIP) ON REEL 222. FILE 900-10 SEC. ALL ONE'S
20 015	72	1-64 80-111	1							1-96 CORRELATION MADE ON FILE # 014. SNOWING HARDER
21										
22										FINISHED FOR THE DAY. 3
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10
SWEEP FREQUENCY 8-32 HZ	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 X 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 75 HZ.	STATION INTERVAL 220'
REMARKS	OBSERVER / TO SIMMONS / KRAMER			PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 1 (ONE)	STATE TENN. NC.	COUNTY CHEROKEE & MADISON	DATE 1-8-78
CREW NO. 6834	TERRAIN Mountainous	WEATHER COLD-SNOW-	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL.NO.	F I L T E R		REMARKS			
						LOCUT	60 ~				
1	PULSE TEST				2.22	Out	Out	RECORDER SET UP BETWEEN STA'S 724 73			
2	EINI							TRAVEL ADVISORIES OUT NORTH OF LINE FOR SNOW &			
3	DRD							SLEET, FRONT MOVING THIS WAY. WILL WORK			
4	SUM TEST							UNTIL/IF CONDITIONS WORSEEN. SNOWING MODERATELY			
5	NRT TEST							NOW. NOISE WHERE LINE IN CLOSE PROXIMITY TO			
6	SIMILARITY			4				RIVER. DUE TO RAIN & SNOW MELT OVER WEEKEND, RIVER			
7	WIND STRIP							UP. CHECKING LINE. FOUND 17 CUT CABLE & 2 STOLEN			
8	73	1-65 81-111	1					STA'S 15 TO 25 PHONES DULLED UP AND CABLES PULLED			
9	74	1-66 82-111	1					BACK DAMAGING 1 CABLE HEAD TOTAL OF 18 BAD			
10	75	1-67 83-111	1					CABLES & 2 STOLEN. FIXING LINE NOW. FROM STA. 30-			
11								1 CABLES CARRIED IN. 1-96 CORRELATION MADE ON FILE			
12										017. FOUND 10 SETS OF DAMAGED PHONE'S.	
13											
14							4:30				FINISHED FOR THE DAY
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100 1-4900	TYPE GEOPHONE ETL-EV27B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER J.O. SIMMONS/KRAMER		PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 2 (ONE)	STATE TENN. & N.C.	COUNTY CHEROKEE & MADISON	DATE 1-9-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD & CLEAR	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	F I L T E R			REMARKS
						LOCUT	60 ~	% DRIVE	
1	933 PULSE TEST	1 - 6 SEC.			222	Out	Out	9:00	RECORDER SET UP BETWEEN STA'S 72 & 73
2	934 & 935 EINT	2 - " "							
3	936 - 939 DRD	4 - " "							
4	953 & 954 SUM TEST	2 - " "							
5	960 & 961 NRT TEST	2 - " "							
6	890 SIMULANITV	1 - 31 SEC.		4					50%
7	020 WIND STRIP	1 - 6 SEC.							CHECKING LINE
8	021 76	1-68 84-111	1						70% VP# 76 STACKED ON FIRST HALF DUE TO BRIDGE. 1-96 CORRELATION MADE ON FILE # 021
9	023 77	1-69 85-111	1						
10	023 78	1-70 86-111	1						
11	024 79	1-71 87-111	1		222				EOF# 024 ON REEL # 222
12	026 80	1-72 88-111	1		223				BOF# 025 (WIND STRIP) ON REEL # 223. FILE # 900 - 10 SEC. RL ONE'S
13	027 81	1-73 89-111	1						
14	028 82	1-74 90-111	1						
15	029 83	1-75 91-111	1						RAW SWEEP MADE ON FILE # 029. 1 FOR DR. KAUFMAN, 2 FOR QUALITY CONTROL (1-48 & 49-96)
16	030 84	1-76 92-111	1						
17	031 85	1-77 93-111	1						
18	032 86	1-78 94-111	1						
19	033 87	1-79 95-111	1						1-96 CORRELATION MADE ON FILE # 033
20	034 88	1-80 96-111	1						
21	035 89	1-81 97-111	1						
22	90	1-82 98-111							
23								4:15	FINISHED FOR THE DAY
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 x 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-91100 1-4900	TYPE GEOPHONE ETH-EV22.5	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS				OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 2	STATE TENN. & N.C.	COUNTY CHEROKEE & MADISON	DATE 1-10-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD & CLEAR	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAP RL. NO.	FILTER			REMARKS
						LOCUT	60 ~	AMP	
1 933	PULSE TEST	1 - 6 SEC			9:00 223	Out	Out		RECORDER SET UP BETWEEN STA'S 72 & 73
2 934	EINI	2 - " "							
3 935	DRD	4 - " "							
4 936	SUM TEST	2 - " "							
5 937	NRT TEST	2 - " "							
6 890	Similarity	1 - 31 SEC		4				50%	
7 036	Wind Strip	1 - 6 SEC							CHECKING LINE
8 037	90	1-82 98-111	1		223			70%	1-96 CORRELATION MADE ON FILE # 037. EOF # 037 ON REEL # 223
9 038	91	1-83 99-111	1		224				BOF # 038 ON REEL # 224. FILE # 900 - 10 SEC. ALL ONE'S
10 039	92	1-84 100-111	1						
11 040	93	1-85 101-111	1						
12 041	94	1-86 102-111							STANDING BY: VIB # 12666, AUX. ENGINE OVER HEATED
13 042	95	1-87 103-111							
14 043	96	1-88 104-111			3:15				FINISHED FOR THE DAY
15 044	97	1-89 105-111							
16 045	98	1-90 106-111							
17 046	99	1-91 107-111							
18 047	100	1-92 108-111							
19 048	101	1-93 109-111							
20 049	102	1-94 110-111							
21 050	103	1-95 111-111							
22 051	104	1-96 112-111							
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233x332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-91100 1-9900	TYPE GEOPHONE ETL-EV223	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER Simmons/KRAMER		PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN & N.C.	COUNTY CHEROKEE & MADISON	DATE 1-11-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD & CLEAR	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER			REMARKS
						LOCUT	60 ~	% DRIVE	
1	933	PULSE TEST 1 - 6 SEC.			9:00 224	Out	Out	50%	RECORDER SET UP BETWEEN STA'S 224 & 23
224	935	EINI				↑	↑		
936	939	DRD							
933-954	Supra TEST	2 - " "							
940 & 961	NRT TEST	2 - " "							
6	890	SIMILARITY 1 - 31 SEC.		4				50%	
7	041	WIND STRIP 1 - 6 SEC.							CHECKING LINE.
8	042	94 1-86 102-111	1					70%	1-96 CORRELATION MADE ON FILE # 042
9	043	95 1-87 103-111	1					↑	
10	044	96 1-88 104-111	1						
11	045	97 1-89 105-111	1						
12	046	98 1-90 106-111	1						
13	047	99 1-91 107-111	1						
14	048	100 1-92 108-111	1						
15	049	102 1-93 109-111	1		224				EOF # 049 ON REEL # 224
16	051	102 1-94 110-111	1		225				BOF # 050 (WIND STRIP) ON NEW REEL # 225. FILE # 800-10
17	052	103 1-95 111	1						SEC. ALL ONE'S. 1-96 CORRELATION MADE ON FILE # 051
18	053	104 1-96	1						WILL START PULLING SPREAD & SHOOTING EVERY OTHER ONE
19	054	106 3-98	3						ONE
20	055	108 5-100	5						RAW SWEEP MADE ON FILE # 055, 1 FOR DR KAUFFMAN - 2 FOR
21	056	110 7-102	7						QUALITY CONTROL (1-48 49-96)
22	057	112 9-104	9						
23	058	114 11-106	11						
24	059	116 13-108	13						
25	060	118 15-110	15	↓		↓	↓	↓	↓

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233X332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 2	STATE TENN. & N.C.	COUNTY CHEROKEE & MADISON	DATE 1-11-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD & CLEAR	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	FILTER			REMARKS
						RL. NO.	LOCUT	60 ~	
1	061	17-112	17	4	225	Out	Out	70%	
2	062	19-114	19	↓	225	↓	↓	↓	E.O.F. # 062 ON REEL # 225
3									
4									
5									4:15
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
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20									
21									
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X352211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 2-01100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # I	STATE TENN & N.C.	COUNTY CHEROKEE & MONROE	DATE 1-12-78
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD + CLOUDY	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER			REMARKS
						LOCUT	60 ~	% ACTIVE	
1 933	Pulse Test	1 - 6 Sec.			226	Out	Out		B.O.F. # 063 (WIND STRIP) ON REEL # 226 FILE # 900-10 SEC. ALL ONE'S
934 935	EINT	2 - " "			↑	↑	↑		RECORDER SET UP BETWEEN STA'S
936 939	DRD	4 - " "							
933 954	Sum Test	2 - " "							
960 961	NRJ Test	2 - " "							
6 890	Similarity	1 - 31 "		4				50%	
7 063	Wind Strip	1 - 6 "		↑					CHECKING LINE
8 064	124	21 - 116	240					70%	1-96 CORRELATION MADE ON FILE # 064
9 065	126	23 - 118	2					↑	
10 066	128	25 - 120	4						
11 067	130	27 - 122	6						
12 068	132	29 - 124	8						
13 069	134	31 - 126	10						
14 070	136	33 - 128	12						
15 SKIP	138	35 - 130	14						
16 SKIP	140	37 - 132	16						VP'S 138-142 SKIPPED DUE TO HOUSES
17 SKIP	142	39 - 134	18						
18 071	144	41 - 136	20						VP # 144 STACKED ON LAST HALF DUE TO HOUSE
19 072	146	43 - 138	22						RAW SWEEP MADE ON FILE # 072
20 073	148	45 - 140	24						
21 074	150	47 - 142	26		226				E.O.F. # 074 ON REEL # 226
22 076	152	49 - 144	28		227				B.O.F. # 075 (WIND STRIP) ON REEL # 227 FILE # 900-10 SEC. ALL ONE'S
23 078	154	51 - 146	30		↑				1-96 CORRELATION MADE ON FILE # 076
24 078	156	53 - 148	32						
25 079	158	55 - 150	34	↓	↓	↓	↓	↓	FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233X332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division**

Geosource Inc. **SAT**

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN	COUNTY MONROE	DATE 1-13-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER CLOUDY-COOL		LINE NO. 1

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	DRIVE	
1	933	PULSE TEST				227	Out	Out		RECORDER SET UP BETWEEN STA'S 124 & 125
	934	EINI								
	936	DRD								
	933	Sum TEST								
	940	NRT TEST								
6	890	Simulativ							50%	
7	080	Wind STRIP		4						CHECKING LINE
8	081	160	57 - 152	5					70%	1-96 CORRELATION MADE ON FILE # 081
9	082	162	59 - 154	7						
10	083	164	61 - 156	9						
11	084	166	63 - 158	11						
12	085	168	65 - 160	13						
13	086	170	67 - 162	15		227				E.O.F # 086 ON REEL # 227; B.O.F # 087 (WIND STRIP) ON REEL # 228
14	SKIP	172	69 - 164	17		228				FILE # 900-10 SEC; ALL ONE'S
15	SKIP	174	71 - 166	19						
16	SKIP	176	73 - 168	21						VP'S # 172 - 182 SKIPPED DUE TO HOUSES (GREEN COVE VILLAGE)
17	SKIP	178	75 - 170	23						
18	SKIP	180	77 - 172	25						WIND PICKING UP
19	SKIP	182	79 - 174	27						
20	088	184	81 - 176	29						
21	089	186	83 - 178	31						
22	090	188	85 - 180	33						
23	091	190	87 - 182	35						
24	092	192	89 - 184	37						
25	093	194	91 - 186	39						RECORDER MOVE, [initials]

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233 x 332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. SAT.

CLIENT COCORP	AREA TENN. Line # 2	STATE TENN.	COUNTY MONROE	DATE 1-13-79
CREW NO. 6834	TERRAIN Mountainous	WEATHER Cloudy - Cool	LINE NO. 1	

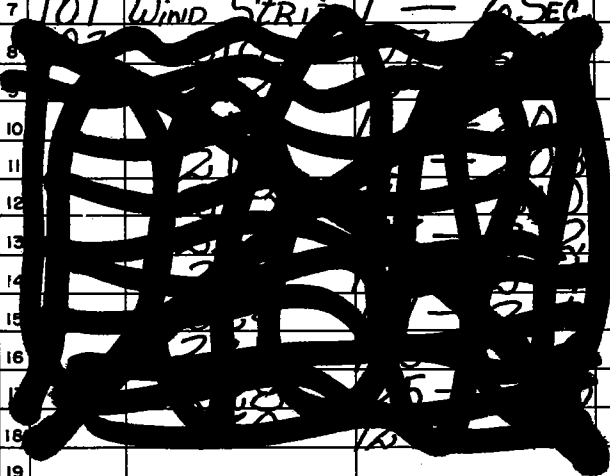
REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN TRAIL	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	70~	
1	094	196	93-188	8	4	228	Out	Out	70%	RECORDER SET UP BETWEEN STA'S 157 & 158
2	095	198	95-190	10	↑	↑	↑	↑	↑	
3	096	200	97-192	12	↑	↑	↑	↑	↑	
4	097	202	99-194	14	↑	↑	↑	↑	↑	RAW SWEEP MADE ON FILE # 097
5	098	204	101-196	16	↑	↑	↑	↑	↑	VP 204 STACKED ON FIRST HALF DUE TO HOUSE
6	099	206	103-198	18	↑	↓	↓	↓	↓	1-96 CORRELATION MADE ON FILE # 098
7	100	208	105-200	20	↓	228	↓	↓	↓	EOF # 100 ON REEL # 228
8										
9					4:30					FINISHED FOR THE DAY
10										
11										
12										
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X352211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS				OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 7	STATE TENNI	COUNTY MONROE	DATE 1-15-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER CLEAR & COLD	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	F I L T E R		REMARKS
						LOCUT	60 ~	
933	PULSE TEST	1 - 6 SEC.			9:00 229	Out	Out	30.F# 101 (WIND STRIP) ON REEL # 229. FILE # 90-10 SEC. ALL DRIVERS RECORDER SET UP BETWEEN STA. 177 & 178
934	ELINT	2 - " "						
935	DRD	4 - " "						
936	SUM TEST	2 - " "						
937	NRT TEST	2 - " "						
890	SIMILARITY	1 - 31 SEC.		4			50%	CHECKING LINE
101	WIND STRIP	1 - 6 SEC.					70%	WIND STRIP
								
10								INST. DOWN AFTER 12 SWEEPS IN FIRST
11								VR
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-EV223	FREQUENCY 75 Hz	STATION INTERVAL 220'
REMARKS				OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 1-23-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER		LINE NO. 1

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	F I L T E R		REMARKS
						LOCUT	60 ~	
1	933 PULSE TEST	1 — 6 Sec.			11:00 229	Out	Out	RECORDER SET UP BETWEEN STA'S 1774/178
2	934/935 ELNT	2 — " "						BRIDGE OUT ON WINE ROAD, HAD TO TAKE DETOUR.
3	936-939 DRD	4 — " "						SLEEPING LINES, ICED OVER ROADS, SEVERAL HOURS TO MAKE DETOUR.
4	934-934 SUM TEST	2 — " "						NOSIE ON LINE DUE TO RIVER (WATER UP DUE TO MELTING)
5	910-961 NRI TEST	2 — " "						50% SNOW & RAIN) & WIND.
6	880 Similarity	1 — 31 Sec.		5				CHECKING LINE
7	102 WIND STRIP	1 — 6 Sec.						70% 1-96 CORRELATION MADE ON FILE #103
8	103 210	107-202	2	5				
9	104 212	109-204	4					
10	105 214	111-206	6					
11	106 216	113-208	8					
12	107 218	115-210	10					
13	108 220	117-212	12					
14	109 222	119-214	14					
15	110 224	121-216	16		229			EOF #110 ON REEL #229 (REEL #230 MOUNTAIN TESTS)
16	112 226	123-218	18		231			BOF #111 (WIND STRIP) ON REEL #231. FILE #900-10 SEC. ALL ONES
17	113 228	125-220	20					1-96 CORRELATION MADE ON FILE #112
18	114 230	127-222	22					RAW SWEEP MADE ON FILE #113
19	115 232	129-224	24					
20								
21				4:15				FINISHED FOR THE DAY
22								
23								
24								
25								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 X 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR	TYPE GEOPHONE ETH-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 2 (ONE)	STATE TENN.	COUNTY MONROE	DATE 1-24-79
CREW NO. 6834	TERRAIN Mountainous	WEATHER COLD & SNOWING	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	FILTER		REMARKS
						LOCUT	60 ~	
1	PULSE TEST	1 — 6 SEC.			2.31	Out	Out	RECORDER SET UP BETWEEN STA'S 202 & 203
234-235	EINT	2 — " "						STARTING TO SNOW HARDER, TEMP DROPPING, WATER ON ROADS FROM MELTED SNOW & RAIN STARTING TO FREEZE, ROADS GETTING SLICK
236-239	DRD	4 — " "						
453-454	SUM TEST	2 — " "						
960-961	NRJ TEST	2 — " "						
6	890 SIMILARITY	1 — 31 SEC.		5			50%	CHECKING LINE
7	116 WIND STRIP	1 — 6 SEC.					70%	
8	117 234	131 — 226	1					
9	118 236	133 — 228	3					
10								CONDITIONS BECOMING HAZARDOUS DUE TO SNOW & ICE. DOWN DUE TO WEATHER
11								11:00
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 HZ	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100'S 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 25 HZ.	STATION INTERVAL 220'
REMARKS	OBSERVER/J.O. SIMMONS/KRAMER			PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN LINE # 2	STATE TENNESSEE	COUNTY MONROE	DATE 1-25-79
CREW NO. 6834	TERRAIN Mountainous; Snow Packed Road	WEATHER COLD	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL.NO.	F I L T E R		REMARKS
						LOCUT	60 ~	
1	933	PULSE test	1	6	231	Out	Out	RECORDER SETUP BETWEEN STA'S 205 + 206
934-935	E 1 N E	2	"	"				
936-939	DRD	4	"	"				
953-954	Sum Test	2	"	"				
960-961	NRT test	2	"	"				
6	890	Similarity	1	3				50%
7	119	WIND STRIP	1	6				
8	120	238	135-230	2	5			70%
9	121	240	137-232	4	5	231		1-96 CORRELATION MADE ON FILE #120
10	SKIP	242	139-234	6	5	232		EOF #121 ON REEL # 231
11	122	244	141-236	8	4			BOF #122 ON REEL # 232. FILE # 900-10 SEC. ALL ONE'S
12	123	246	143-238	10				UP. 242 SKIPPED DUE TO ICEY ROAD
13	124	248	145-240	12				VIB # 126/66 DOWN DUE TO AIR LEAK
14	125	250	147-242	14				
15	126	252	149-244	16				(1-48, 49-96) 3 RAW SWEEPS MADE ON FILE #126. 1 FOR DR KAUFMAN, 2 FOR QUALITY CONTROL
16	127	254	151-246	18				
17	128	256	153-248	20				UP # 256 STACKED ON LAST HALF DUE TO BRIDGE
18	129	258	155-250	22				
19	130	260	157-252	24	4			
20	131	262	159-254	26	5			
21	132	264	161-256	28				
22	133	266	163-258	30		232		EOF #133 ON REEL # 232
23	135	268	165-260	32		233		BOF #134 (WIND STRIP) ON REEL # 233. FILE # 900-10 SEC. ALL ONE'S
24								1-96 CORRELATION MADE ON FILE #135
25								4:30 FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-91100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS	OBSERVER/JO. SIMMONS/KRAMER		LINE DIR. 1 TO 24 E → W		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. Line # 1	STATE TENN.	COUNTY MONROE	DATE 1-28-79
CREW NO. 6834	TERRAIN Mountainous	WEATHER Cold & Overcast	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	START TIME	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	70~	
1	933	PULSE TEST	1	—	6 SEC.		233	Out	Out	RECORDER SET UP BETWEEN STA'S 233 & 234
2	934	EINI	2	—	" "		↑	↑	↑	
3	936	DRD	4	—	" "					
4	934	SUM TEST	2	—	" "					
5	960	NRT TEST	2	—	" "					
6	890	SIMILARITY	1	—	31 SEC.				50%	
7	136	WIND STRIP	1	—	6 SEC.					CHECKING LINE
8	137	270	167	—	262	6			70%	VIB # 270 STACKED ON LAST HALF. 1-96 CORRELATION MADE ON FILE # 137
9	138	272	169	—	264	8			↑	
10	139	274	171	—	266	10				
11	140	276	173	—	268	12				
12	141	278	175	—	270	14			↓	
13	142	280	177	—	272	16			5	
14	143	282	179	—	274	18			4	VIB # 16344 DOWN DUE TO LIFT PROBLEMS
15	144	284	181	—	276	20			↑	
16	145	286	183	—	278	22			233	E.O.F #45 ON REEL # 233; B.O.F #46 (WIND STRIP) ON REEL # 234; FILE # 900-10
17	147	288	185	—	280	24			234	SEC. ALLONES
18	148	290	187	—	282	26			↑	
19	149	292	189	—	284	28			↓	
20	150	294	191	—	286	30			4	3 RAW SWEEPS MADE ON FILE # 150 (2 FOR QUALITY CONTROL) 1 FOR DR. KAUFMAN (1-48+49-96)
21	151	296	193	—	288	32			5	VIB # 16344 BACK IN LINE
22	152	298	195	—	290	34			↑	
23	153	300	197	—	292	36				
24	154	302	199	—	294	38				1-96 CORRELATION MADE ON FILE # 154
25	155	304	201	—	296	40			↓	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X532211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER/TO SIMMON/KRAMER		PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 2	STATE TENN.	COUNTY MONROE	DATE 1-26-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	70 ~	
1	306	202-298	42	5		234	Out	Out	70%	
2	308	204-300	44			234				E.O.F # 157 ON REEL # 234
3										
4										4:30
5										FINISHED FOR THE DAY
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS	OBSERVER Simmons/KRAMER			LINE DIR. E → W	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN.	COUNTY MONROE	DATE 1-29-78
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD & CLOUDY	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER		REMARKS
						LOCUT	60~	
1	933	PULSE TEST			235	Out	Out	BOF # 158 (WIND STRIP) ON REEL # 235
2	934	EINT						RECORDER SET UP BETWEEN STA'S # 338 & 339
3	935	DRD						STA'S # 310 - 368 SKIPPED DUE TO DANGEROUS ROAD
4	936	SUM TEST						CONDISTIONS (ICE) WILL TRY TO DO THIS SECTION WHEN
5	937	NRJ TEST						CONDISTIONS IMPROVE. STA'S 339 & 362 OPEN DUE TO
6	890	SIMILARITY		5			50%	BRIDGES. LATE START DUE TO MOVING LINE.
7	158	WIND STRIP						CHECKING LINE
8	159	370	267 - 362	1			70%	1-96 CORRELATION MADE ON FILE # 159
9	160	372	269 - 364	3				
10	161	374	271 - 366	5				
11	162	376	273 - 368	7	5			
12	163	378	275 - 370	9	4			VIB # 1451T DOWN WITH LIFT PROBLEM
13	164	380	277 - 372	11				17311
14	165	382	279 - 374	13				
15	166	384	281 - 376	15	4			
16	167	386	283 - 378	17	5			
17	168	388	285 - 380	19				
18	169	390	287 - 382	21	235			RAW SWEEP MADE ON FILE # 169. EOF # 169 ON REEL # 235
19	170	392	289 - 384	23	236			BOF # 170 (WIND STRIP) ON REEL # 236. FILE # 90-10 SEC. ALLOWE'S
20								1-96 CORRELATION MADE ON FILE # 170
21								
22								4:30
23								FINISHED FOR THE DAY
24								
25								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 X 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100 1-4900	TYPE GEOPHONE ETL-EU22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS				OBSERVER TO SIMMONS/KRAMER	PARTY MGR.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 1-30-79
CREW NO. 6834	TERRAIN Mountainous	WEATHER Cold & Clear		LINE NO. 1

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAP GATE TIME	TAPE RL. NO.	F I L T E R		REMARKS
							LOCUT	60 ~	
1	933 Pulse Test	1 - 6 Sec.			9:00	236	Out	Out	RECORDER SET UP BETWEEN STA'S 362 & 363
2	934 EINI	2 - " "							
3	936 DRD	4 - " "							STA'S 339 & 362 OPEN DUE TO BRIDGE
4	938 Sum Test	2 - " "							
5	940 NRT Test	2 - " "							
6	890 Similarity	1 - 31 Sec.		5				50%	
7	173 Wind Strip	1 - 6 Sec.							CHECKING LINE
8	175 394	291 - 386	1					70%	1-96 CORRELATION MADE ON FILE #173
9	174 396	293 - 388	3	5					
10	175 398	295 - 390	5	4					VIB# 16344 DOWN DUE TO FULF LEAK
11	176 400	297 - 392	7	4					VP# 400 STACKED ON FIRST HALF DUE TO CLIFF OVERHANG
12	178 402	299 - 394	9	5					" 402 " " LAST " " " " "
13	178 404	301 - 396	11						
14	180 406	303 - 398	13						RECORDER MOVED BETWEEN VP'S 410 & 412 DUE TO POOR RAIN DO RECD.
15	180 408	305 - 400	15						VP# 408 STACKED ON FIRST HALF DUE TO CLIFF OVERHANG, E. OF.
16	183 410	307 - 402	17			236			" 410 " " LAST " " " " " E.O.F. #181 ON REEL #236
17	183 412	309 - 404	240			237			BOF# 182 (WIND STRIP) ON REEL #237. FILE #900-10 SEC. ALL ONE'S
18	184 414	311 - 406	2						1-96 CORRELATION MADE ON FILE #183. RECORDER BETWEEN STA'S 382 & 383
19	185 416	313 - 408	4						3 RAW SWEEPS, 1 FOR DR KAUFMAN - 2 FOR QUALITY CONTROL, MADE ON FILE #184
20	186 418	315 - 410	6						
21	187 420	317 - 412	8						VP# 420 STACKED ON LAST HALF DUE TO CLIFF OVERHANG
22	188 422	319 - 414	10						
23	189 424	321 - 416	12						
24	190 426	323 - 418	14						
25	191 428	325 - 420	16						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233 X 332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-91100 1-9900	TYPE GEOPHONE ETL-FV225	FREQUENCY 25 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER TO SIMMONS/KRAMER	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN LINE #1	STATE TENN	COUNTY MONROE	DATE 1-30-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD + CLEAR		LINE NO. 1

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL.NO.	F I L T E R			REMARKS
						LOCUT	60 ~	70 ~	
1	420	327-422	18	5	237	Out	Out	70%	
2	432	329-424	20						
3									
4									4:30
5									FINISHED FOR THE DAY
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y1100 1-Y900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER/S.O. SIMMONS/KRAMER	LINE DIR. 1 TO 24 E→W	
				PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN	COUNTY MONROE	DATE 1-31-79
CREW NO. 6834	TERRAIN Mountainous	WEATHER Cold-Overcast	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	F I L T E R		REMARKS
						LOCUT	60~	
1	933 Pulse Test	1 - 6 Sec.			237	Out	Out	RECORDER SET UP BETWEEN STA'S 400 & 401
2	935 EINT	2 - " "						
3	936-939 DRD	4 - " "						STARTING TO SNOW
4	939-954 Sum Test	2 - " "						
5	954-961 NRI Test	2 - " "						
6	890 Similarity	1 - 31 Sec.		5	237			50% EOF # 890 ON REEL # 237
7	194 Wind Strip	1 - 6 Sec.			238			CHECKING LINE. BOF # 194 ON REEL # 238. FILE # 900-10 SEC. ALL ONE'S
8	195 434	331 - 426	3					70% 1-96 CORRELATION MADE ON FILE # 195
9	196 436	333 - 428	5					
10	197 438	335 - 430	7					
11	198 440	337 - 432	9	5				
12	199 442	339 - 434	11	4				VIB # 17311 DOWN, T/O PROBLEM
13	200 444	341 - 436	13					
14	201 446	343 - 438	15					
15	202 448	345 - 440	17					
16	203 450	347 - 442	19					
17	204 452	349 - 444	21					
18	205 454	351 - 446	23					V.P. # 454 STACKED ON LAST HALF DUE TO CLIFF OVERHANG
19	206 456	353 - 448	25					
20	207 458	355 - 450	27		238			EOF # 207 ON REEL # 238
21	209 460	357 - 452	29		239			BOF # 209 (Wind Strip) ON REEL # 239. FILE # 900-10 SEC. ALL ONE'S
22	210 462	359 - 454	31					1-96 CORRELATION MADE ON FILE # 209
23	211 464	361 - 456	33					
24	212 466	363 - 458	35					RAW SWEEP MADE ON FILE # 212
25	213 468	365 - 460	37					

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233 X 352211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-91100 1-4900	TYPE GEOPHONE ETH-E127B	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER/TO Simmons	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT	COCORP	AREA	TENN. LINE #1	STATE	TENN.	COUNTY	MONROE	DATE	1-31-79
CREW NO.	6834	TERRAIN	MOUNTAINOUS	WEATHER	COLD-SNOWING	LINE NO.	1		

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL.NO.	FILTER			REMARKS
						LOCUT	60~	AMP	
1	470	367 - 462	39	4	239	Out	Out	70%	
2	472	369 - 464	41						
3	474	371 - 466	43						
4	476	373 - 468	45						
5	478	375 - 470	47						
6	480	377 - 472	49						
7									
8									4:45
9									FINISHED FOR THE DAY
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
8-32 Hz.	#5	16		112233X332211	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
24	96	3-4100 1-2900	ETL-EV22B	25 Hz.	220'
REMARKS	OBSERVER/TO			PARTY MGR.	
	Simmons/KRAMER				

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN.	COUNTY MONROE	DATE 2-1-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD-CLEAR	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL.NO.	FILTER			REMARKS
						LOCUT	60~	% DRIVE	
1	933 Pulse Test	1 — 6 Sec.			239	Out	Out		RECORDER SET UP BETWEEN STA'S
2	934 EINT	2 — " "							
3	939 DRD	4 — " "							
4	954 Sum Test	2 — " "							
5	961 NRJ TEST	2 — " "							
6	890 Similarity	1 — 31 Sec.		5	239			50%	EOF # 890 ON REEL # 239
7	220 Wind Strip	1 — 6 Sec.			240				CHECKING LINE BOF # 220 ON REEL # 240. FILE # 900-10 SEC. ALL ONE'S
8	221 482	379 — 474	3					70%	1-96 CORRELATION MADE ON FILE # 221
9	222 484	381 — 476	5						
10	223 486	385 — 478	7	5					
11	224 488	385 — 480	9	4					VIB # 12667 DOWN DUE TO LIFT PROBLEMS
12	225 490	387 — 482	11						
13	226 492	389 — 484	13	4					
14	227 494	391 — 486	15	5					
15	228 496	393 — 488	17						
16	229 498	395 — 490	19						
17	230 500	397 — 492	21						UP # 500 STACKED ON LAST HALF DUE TO CUFF OVERHANG
18	231 502	399 — 494	23						
19	232 504	401 — 496	25						
20	233 506	403 — 498	27		240				EOF # 233 ON REEL # 240
21	235 508	405 — 500	29		241				BOF # 234 (WIND STRIP) ON REEL # 241. FILE # 900-10 SEC. ALL ONE'S
22	236 510	407 — 502	31						1-96 CORRELATION MADE ON FILE # 235
23	238 512	409 — 504	33						RAW SWEEP MADE ON FILE # 237
24	238 514	411 — 506	35						RECORDER MOVE DUE TO POOR RADIO RECEPTION.
25	239 516	413 — 508	39						RECORDER SET UP BETWEEN STA'S 476 & 477

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 X 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER Simmons/KRAMER		PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORD	AREA TENN. WINE #1	STATE TENN.	COUNTY MONROE	DATE 2-1-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD-CLEAR		LINE NO. 1

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN TIME	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	% AMP DRIVE	
1	240	518	415 - 510	11	5	241	Out	Out	70%	
2	241	520	417 - 512	13						
3	242	522	419 - 514	15						
4	243	520	421 - 515	17						
5										
6					4:45					FINISHED FOR THE DAY
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 X 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS				OBSERVER/JO SIMMONS/KRAMER	PARTY MGR.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 2-2-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD - CLEAR	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN TIME	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	70 ~	
1 933	PULSE TEST	1 - 6 SEC.				241	Out	Out		
2 934	EINT	2 - " "								VIB# 14256, FROZEN WATER LINES
3 935	DRD	4 - " "								
4 936	Sum Test	2 - " "								
5 937	NRT TEST	2 - " "								
6 890	Similarity	1 - 31 SEC		4					50%	
7 244	WIND STRIP	1 - 6 SEC								CHECKING LINE
8 245	526	423 - 518	240						70%	1-96 CORRELATION MADE ON FILE # 245
9 246	528	425 - 520	2			241				EOF # 246 ON REEL # 241
10 247	530	427 - 522	4			242				BOF # 247 ON REEL # 242
11 248	533	429 - 524	6							
12 249	534	431 - 526	8							V.P. # 536 SKIPPED DUE TO BRIDGE
13 SKIP	536	433 - 528	10	4						RUNNING SIMILARITY (PAPER MONITOR ONLY) ON VIB # 14256
14 250	538	435 - 530	12	5						
15 251	540	437 - 532	14							
16 252	542	439 - 534	16							
17 253	544	441 - 536	18							3 RAW SWEEPS (1 FOR DR. KAUFMAN - 2 FOR QUALITY CONTROL) MADE ON FILE # 253
18 254	546	443 - 538	20							
19 255	548	445 - 540	22							
20 256	550	447 - 542	24							
21 257	552	449 - 544	26							1-96 CORRELATION MADE ON FILE # 257
22 SKIP	554	451 - 546	28							
23 "	556	453 - 548	30							
24 "	558	455 - 550	32							V.P.'S 554-560 SKIPPED DUE TO HOUSES
25 SKIP	560	457 - 552	34							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 - 52 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233x332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100 1-4900	TYPE GEOPHONE ETL-FU22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER/ TO SIMMONS/KRAMER		PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN LINE # 1	STATE TENN	COUNTY MONROE	DATE 2-2-79
CREW NO. 6834	TERRAIN MOUNTAINOUS	WEATHER COLD-CLEAR	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	562	459-554	36	5		242	Out	Out		
2	564	461-556	38							EOE # 259 ON REEL # 242
3	566	463-558	40							
4	568	465-560	42							
5	570	467-562	44							UP'S 566-572 SKIPPED DUE TO HOUSES
6	572	469-564	46			243				
7	574	471-566	48			243				BOF # 260 (WIND STRIP) ON REEL # 243. FILE # 900-10 SEC. ALL ONE'S
8	576	473-568	50			243				FOF # 262 ON REEL # 243
9										
10										PICKING UP AND MOVING LINE DUE TO SKIP THRU
11										TERRAIN PLAINS
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 X 33221	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4900	TYPE GEOPHONE ETW-ET2B	FREQUENCY 25 Hz	STATION INTERVAL 220'
REMARKS	OBSERVER TO SIMMONS/KRAMER			PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 2-5-79
CREW NO. 6834	TERRAIN HILLS	WEATHER COLD & CLEAR	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	50 ~	
1	933	PULSE TEST	1	—	6 SEC.	244	Out	Out	50% ACTIVE	BOF # 263 ON REEL # 244. FILE # 900-10 SEC. ALL ONE'S
934	935	EINI	2	—	" "					RECORDER SETUP BETWEEN STA'S 599 & 600
936	939	DRD	4	—	" "					LAYING OUT LINE AFTER SKIP THRU TOWN OF TELlico PLAINS
953	954	SUM TEST	2	—	" "					STA'S 559 OPEN DUE TO BRIDGE. STA 568 OPEN DUE TO STORE
960	961	NRJ TEST	2	—	" "					STA'S 597-614 OPEN DUE TO TOWN OF TELlico PLAINS
6	890	Similarity	1	—	31 SEC.				50%	V.P.'S 578-628 SKIPPED DUE TO TOWN & HOUSES
7	263	Wind Strip	1	—	6 SEC.					CHECKING LINE. NOISE ON LINE DUE TO TOWN TRAFFIC
8	264	630	527	—	622	240			70%	1-96 CORRELATION MADE ON FILE # 264. V.P. 630
9	SKIP	632	529	—	624	2				
10	"	634	531	—	626	4				V.P.'S 632-638 SKIPPED DUE TO HOUSES
11	"	636	533	—	628	6				
12	SKIP	638	535	—	630	8				
13	265	640	537	—	632	10				V.P. # 640 STACKED ON LAST HALF DUE TO HOUSE
14	SKIP	642	539	—	634	12				
15	"	644	541	—	636	14				
16	"	646	543	—	638	16				
17	"	648	545	—	640	18				
18	"	650	547	—	642	20				
19	"	652	549	—	644	22				V.P.'S 642-664 SKIPPED DUE TO HOUSES, CEMETERY
20	"	654	551	—	646	24				
21	"	656	553	—	648	26				
22	"	658	555	—	650	28				
23	"	660	557	—	652	30				
24	"	662	559	—	654	32				
25	SKIP	664	561	—	656	34				

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-91100 1-4900	TYPE GEOPHONE ET6-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER/JO SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 2-5-79
CREW NO. 6834	TERRAIN Hilly	WEATHER COLD-CLEAR	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	90~	
1	666	563-658	36	5		244	Out	Out	70%	
2	668	565-660	38							
3	670	567-662	40							
4	672	569-664	42							
5	674	571-666	44							
6	676	573-668	46							
7	678	575-670	48							
8	680	577-672								RECORDER ABOVE
9	682	579-674								RECORDER SET UP BETWEEN STA'S
10	684	581-676								
11	686	583-678								
12										
13										4:10
14										DOWN BLEW CAP IN DC - DC CONVERTER (NO CAP'S TO REPLACE)
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 X 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100 1-4000	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER/TO SIMMONS/KRAMER			PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 2-6-78
CREW NO. 6834	TERRAIN Hilly	WEATHER Cold - Overcast	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	80 ~	
1	933	PULSE TEST	1 - 6 SEC.			244	Out	Out		RECORDER SET UP BETWEEN STA'S 630 & 631
274	935	EINI	2 - " "							STA'S 597 - 614 OPEN DUE TO TOWN OF TELlico PLAINS
936	939	DRD	4 - " "							NOSIE ON LINE DUE TO TRAFFIC OF SAID TOWN
933	954	SUM TEST	2 - " "							
936	961	NRT TEST	2 - " "							
6	890	SIMILARITY	1 - 31 SEC.	5					50%	
7	272	WIND STRIP	1 - 6 SEC.							CHECKING LINE
8	273	678	575 - 670	17		244			70%	1-96 CORRELATION MADE ON FILE # 273. EOF # 273 ON REEL # 244
9	274	680	577 - 672	19		246				BOF # 274 ON REEL # 246 (REEL # 245 MONTHLY TEST) FILE # 900-10 SEC.
10	275	682	579 - 674	21						ALL ONE'S. STANDING BY, TRAIN ON LINE
11	276	684	581 - 676	23						
12	277	686	583 - 678	25						
13	278	688	585 - 680	27						
14	279	690	587 - 682	29						STANDING BY FOR A TRAIN
15	SKIP	692	589 - 684	31						
16	SKIP	694	591 - 686	33						U.P.'S 692 & 694 SKIPPED DUE TO HOUSES
17	280	696	593 - 689	35						U.P. 696 STACKED ON LAST HALF DUE TO HOUSES
18	SKIP	698	595 - 690	37						3 RAW SWEEPS (1 FOR DR. KAUFMAN 2 FOR QUALITY CONTROL) MADE ON FILE # 280
19	"	700	597 - 692	39						STARTING TO SNOW
20	"	702	599 - 694	41						
21	"	704	601 - 696	43						U.P. 698 - 708 SKIPPED DUE TO HOUSES
22	"	706	603 - 698	45						
23	SKIP	708	605 - 700	47						
24	281	710	609 - 702	49						RECORDERED MOVE. FILE # 282 - 20 DPPs. Out (was 19 should have BEEN 17)
25	282	712	609 - 704	19						RECORDER SET UP BETWEEN STA'S 664 & 665

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233X332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100 1-4900	TYPE GEOPHONE ETH-EV27B	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER TO SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 2-6-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Cold - Snowing	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP % DPLIVE	
1	283	714	611 - 706	19	5	246	Out	Out	70%	
2	SKIP	716	613 - 708	21						
3	SKIP	718	615 - 710	23						VP'S 716 - 722 SKIPPED DUE TO HOUSES
4	SKIP	720	617 - 712	25						
5	SKIP	722	619 - 714	27						
6	284	724	621 - 716	29						
7	285	726	623 - 718	31						
8	SKIP	728	625 - 720	33						
9	SKIP	730	627 - 722	35						
10	286	732	629 - 724	37		246				EOF # 286 ON REEL # 246
11	288	734	631 - 726	39		247				BOF # 287 (with strip) ON REEL # 247 - FILE # 900 - 10 SEC. ALL ONE'S
12	726	633	728	41						1-96 CORRELATION MADE ON FILE # 288
13										
14										
15					4:50					FINISHED FOR THE DAY WEATHER GETTING TO BAD
16										NOW SLEATING
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233x332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-44100 1-2900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 75 Hz	STATION INTERVAL 220'
REMARKS	OBSERVER/TO SIMMONS/KRAMER		PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 2-8-79
CREW NO. 6834	TERRAIN Hilly	WEATHER COLD - CLEAR	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP DRIVE	
1	933 PULSE TEST	1 - 6 SEC				247	Out	Out		RECORDER SET UP BETWEEN STA'S 705 & 706
2	934 & 935 EINI	2 - " "								RUNNING TEST AS PER REQUEST OF QUILTY CONTROL
3	936 - 939 DRD	4 - " "								
4	933 & 934 SUMM TEST	2 - " "								
5	960 & 961 NRI TEST	2 - " "								NOISE ON STA'S 662 - 666 CAUSED BY OPERATIONAL SAW MILL.
6	890 SIMILARITY	1 - 31 SEC		5					50%	
7	289 WIND STRIP	1 - 6 SEC								CHECKING LINE
8	290 736	633 - 728	240						70%	1-96 CORRELATION MADE ON FILE 290
9	291 738	635 - 730	2							
10	292 740	637 - 732	4							
11	293 742	639 - 734	6							
12	SKIP 744	641 - 736	8							VP# 744 SKIPPED DUE TO HOUSE
13	294 746	643 - 738	10							VP# 746 STACKED ON 1st HALF
14	295 748	645 - 740	12	5						
15	296 750	647 - 742	14	4						VIB# 12.667 DOWN (HOLE IN RADIATOR)
16	297 752	649 - 744	16							VP# 752 STACKED ON FIRST HALF DUE TO HOUSE
17	SKIP 754	651 - 746	18							
18	SKIP 756	653 - 748	20							VP# 754-760 SKIPPED DUE TO HOUSE'S
19	SKIP 758	655 - 750	22							
20	SKIP 760	657 - 752	24							
21	298 762	659 - 754	26							
22	299 764	661 - 756	28			247				EOF# 299 ON REEL# 247
23	300 766	663 - 758	30			248				BOF# 300 (WIND STRIP) ON REEL# 248. FILE# 900-10 SEC. ALL ONE'S
24	SKIP 768	665 - 760	32							1-96 CORRELATION MADE ON FILE# 301
25	SKIP 770	667 - 762	34							VP'S 768 & 770 SKIPPED DUE TO HOUSES

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233 X 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 49100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER TO SIMMONS/KRAMER.		PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 2-8-79
CREW NO. 6854	TERRAIN Hilly	WEATHER Cold - Clear	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPES	FILTER			REMARKS	
							RL.NO.	LOCUT	60~		
1	302	772	669-764	36	4		248	Out	Out	70%	V.P. 772 Stacked on last half
2	303	774	671-766	38							RAW SWEEP MADE ON FILE # 303
3	304	776	673-768	40							
4	305	778	675-770	42							V.P. # 778 Stacked on first half Due to house
5	SKIP	780	677-772	44							
6	SKIP	782	679-774	46							V.P.'s 780 & 782 Skipped Due to house's
7	306	784	681-776	48							
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 11 22 33 x 33 22 11	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS				OBSERVER/TO Simmons/Kramer	PARTY MGR.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN LINE #1	STATE TENN	COUNTY MONROE	DATE 2-18-79
CREW NO. 6834	TERRAIN HILLY	WEATHER OVERCAST	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP % DRIVE	
1933	PULSE TEST	1 — 6 SEC.				248	Out	Out	50%	RECORDER SET UP BETWEEN STA'S 705 & 706
834+935	EJNT	2 — " "								
936-939	DRD	4 — " "								
953+954	SUM TEST	2 — " "								
960+961	NRJ TEST	2 — " "								
890	SIMILARITY	1 — 31 SEC.		5					50%	
7	NO STRIP	2 — 6 SEC.								DOWN DUE TO LEAKAGE PROBLEMS
8	308									
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100 1-4900	TYPE GEOPHONE ETL-FV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER/JO. SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN.	COUNTY MONROE	DATE 2-15-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast - Damp	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	933 Pulse Test	1 - 6 SEC.				248	Out	Out		RECORDER SET UP BETWEEN STA'S 705 & 706
934	935 EINT	3 - " "								
936	939 DRD	4 - " "								Will BE Doing 3 VP'S to SEND to Houston TIME. to EVALUATE.
952	954 Sum Test	2 - " "								
960	961 NRT Test	2 - " "								Will BE Shooting SPLIT SPREAD. 16 STA. GAP.
6	890 Similarity	1 - 31 SEC.		5						
7	308 Wind Strip	1 - 6 SEC.								
8	308 667	634-659 675-744	1							
9	309 668	634-660 676-744	1							
10	310 669	634-661 677-744	1			248				EOF # 310 ON REEL # 248 (to BE SENT to Houston)
11										
12										
13										
14										
15										} Changing out geophone Runners { and geophone Cases
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100 1-4900	TYPE GEOPHONE ETH-EV22	FREQUENCY 2.5 Hz.	STATION INTERVAL 220'
REMARKS				OBSERVER/JO SIMMONS/KRAMER	PARTY MGR.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN LINE # 1	STATE TENN	COUNTY MONROE	DATE 3-10-79
CREW NO. 6834	TERRAIN HILLY	WEATHER OVERCAST + RAINING	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP % DRIVE	
1	933	PULSE TEST	1	6Sec	5	260	OUT	OUT		RECORDER SET UP BETWEEN STAS 740 + 741
834-935	ETNT	2	" "							BO.F. 308 ON REEL # 260 FILE # 900-10 SEC ALLONES
936-939	DRD	4	" "							
953-954	Sum TEST	2	" "							STARTING TO RAIN
960-961	NRJ-TEST	2	" "							
6	890	Similarity	1	31Sec					50%	
7	308	WIND STRIP	1	6Sec						CHECKING LINE
8	308	786	683-778	15					70%	1-96 CORRELATION MADE ON FILE # 308
9	309	788	685-780	17						
10	310	790	687-782	19						RAIN + LEAKAGE INCREASING
11	311	792	689-784	21						
12	312	794	691-786	23						V.P.# 794 STACKED ON FIRST HALF DUE TO HOUSE
13	SKIP	796	693-788	25						V.P.# 796 SKIPPED DUE TO HOUSE
14	313	798	695-790	27						V.P.# 798 STACKED ON FIRST HALF DUE TO HOUSE
15	SKIP	800	697-792	29						V.P.# 800 SKIPPED DUE TO HOUSE
16	314	802	699-794	31						3 RAW SWEEPS MADE ON FILE # 314 (1-48 FOR DR. KRAMER) 2 (48+49-96 FOR QUALITY CONTROL
17	315	804	701-796	33						DOWN FOR THE DAY. DUE TO VIBRATORS MAKING RUTS IN ROAD. AND LEAKAGE AND INCREASING GROUND CURRENT.
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y1100 1-9900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER J.S. SIMMONS / KRAMER	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN. Line #1	STATE TENN.	COUNTY MONROE	DATE 3-12-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	HP	
1	939 Pulse Test	1 - 6 Sec.				260	Out	Out		RECORDER SET UP BETWEEN STA'S 716 & 713
2	340935 EINT	2 - " "								
3	936-939 DRD	4 - " "								
4	30521 Sunn Test	2 - " "								
5	910961 NRS Test	2 - " "								
6	890 Similarity	1 - 31 Sec.		5					50%	
7	316 Wind Strip	1 - 6 Sec.								CHECKING LINE
8	317 806	705 - 798	3						70%	1-96 CORRELATION MADE ON FILE # 317
9	318 808	705 - 800	5			260				EOF # 318 ON REEL # 260
10	SKIP 810	707 - 802	7			261				BOF # 319 ON REEL # 261. FILE # 900-10 SEC. ALL ONE'S
11	319 812	709 - 804	9							UP # 810 SKIPPED DUE TO HOUSE
12	SKIP 814	711 - 806	11							UP # 814 SKIPPED DUE TO HOUSE
13	320 816	715 - 808	13							UP # 816 STACKED ON FIRST. RAW SWEEP MADE ON FILE # 320
14	SKIP 818	715 - 810	15							UP # 818 SKIPPED DUE TO HOUSES
15	SKIP 820	717 - 812	17							UP # 820 - 828 SKIPPED DUE TO HOUSE, TRAILERS, & BARN
16	SKIP 822	719 - 814	19							
17	SKIP 824	721 - 816	21							
18	SKIP 826	723 - 818	23							
19	SKIP 828	725 - 820	25							
20	321 830	727 - 822	27							
21	SKIP 832	729 - 824	29							UP # 832-840 SKIPPED DUE TO HOUSES
22	SKIP 834	731 - 826	31							
23	SKIP 836	733 - 828	33							
24	SKIP 838	735 - 830	35							
25	SKIP 840	737 - 832	37							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 220'
REMARKS	OBSERVER/TO SIMMONS/KRAMER		PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 3-12-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR		LINE NO. 1

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	% RISE	
1	SKIP 842	739 - 834	39	5		261	Out	Out	70%	VP# 842 SKIPPED Due to houses Due to houses
2	SKIP 844	741 - 836	41							VP# 844 - 850 SKIPPED Due to houses &
3	SKIP 846	743 - 838	43							
4	SKIP 848	745 - 840	45							
5	SKIP 850	747 - 842	47							RECORDER MOVE. STA. # 778 OPEN (Running it Down Now)
6	322 852	749 - 844	15							RECORDER SET UP BETWEEN STA'S 806 & 807
7	323 854	751 - 846	17							
8	324 856	753 - 848	19							1-96 CORRELATION MADE ON FILE # 824
9	SKIP 858	755 - 850	21							VP# 858 & 860 SKIPPED Due to houses.
10	SKIP 860	757 - 852	23							
11										FINISHED FOR THE DAY
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233x332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100 1-4900	TYPE GEOPHONE ETH - EV 2213	FREQUENCY 25 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 3-13-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	# ERRE	
1	933 Pulse Test	1 - 6 Sec.				261	Out	Out		RECORDER SET UP BETWEEN STA'S 824 & 825
2	934-935 ELNT	2 - " "								
3	936-939 DRD	4 - " "								POWER LINE TO WOOD MILL CROSSING LINE AT STA'S 793 & 794 CAUSING HIGH GROUND CURRENT, USE OF HEAVY MACHINERY AT WOOD MILL CAUSING PHASE
4	933 & 934 Sum Test	2 - " "								
5	940 & 941 NRJ Test	2 - " "								
6	890 Similarity	1 - 31 Sec.		5					50%	SHIFTING GROUND CURRENT.
7	325 Wind Strip	1 - 6 Sec.								CHECKING LINE
8	326 862	759 - 854	7						70%	1-96 CORRELATION MADE ON FILE # 326
9	327 864	761 - 856	9							
10	328 866	763 - 858	11							
11	329 868	765 - 860	13							Wind picking up (Front Moving in)
12	330 870	767 - 862	15							
13	331 872	769 - 864	17			261				EOF # 331 ON REEL # 261
14	333 874	771 - 866	19			262				BOF # 332 (WIND STRIP) ON REEL # 262. FILE # 900-10 SEC. ALL ONE'S
15	334 876	773 - 868	21							1-96 CORRELATION MADE ON FILE # 333
16	SKIP 878	775 - 870	23							
17	SKIP 880	777 - 872	25							V.P.'S 878-882 SKIPPED DUE TO HOUSES
18	SKIP 882	779 - 874	27							
19	335 884	781 - 876	29							
20	336 886	783 - 878	31							
21	337 888	785 - 880	33	4						VIB # 12666 DOWN DUE TO BROKEN BOLTS ON SHAKER LEGS
22	SKIP 890	787 - 882	35							
23	SKIP 892	789 - 884	37							V.P.'S 890 & 892 SKIPPED DUE TO HOUSES
24	338 894	791 - 886	39							V.P. 894 STACKED ON LAST HALF DUE TO HOUSE
25	339 896	793 - 888	41							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER/JO SIMMONS/KRAMER			PARTY MGR.	LINE DIR. 1 TO 24 E. → W.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN.	COUNTY MONROE	DATE 3-13-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLOUDY	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	SEP	
1	340 898	795-890	43	4		262	Out	Out	70%	
2	SKIP 900	797-892	45							VP#900 SKIPPED DUE to HOUSE
3	SKIP 902	799-894	47							RECORDER MOVE UP
4	341 904	801-896	14							RECORDER SET UP BETWEEN STAs 859 & 860
5	SKIP 906	803-898	16							3 RAW SWEEPS (FOR DR. KAUFMAN, 2/1-48 49-96 / FOR GUILTY CONTROL) MADE ON FILE # 342
6	SKIP 908	805-900	18							
7	SKIP 910	807-902	20							VP'S 906-914 SKIPPED DUE to HOUSES
8	SKIP 912	809-904	22							
9	SKIP 914	811-906	24							
10	342 906 813-908 26									FINISHED FOR THE DAY
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-FV22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS				OBSERVER SIMMONS/KRAMER	PARTY MGR.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN.	COUNTY MONROE	DATE 3-15-79
CREW NO. 6834	TERRAIN HILLS	WEATHER CLEAR		LINE NO. 1

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER		REMARKS
							LOCUT	60~	
1	933	PULSE TEST 1	—	6 SEC		262	Out	Out	RECORDER SET UP BETWEEN STA'S 879-880
24	935	EINI	2	" "					VIB #1266 DOWN DUE TO BAD MASS SHAFT.
936	939	DRD	4	" "					FIELD EXTREMELY WET DUE TO RAIN YESTER-
4534	951	SUM TEST	2	" "					DAY.
960	961	NRI TEST	2	" "					WIND PICKING UP.
6	890	SIMILARITY	1	31 SEC				50%	
7	342	WIND STRIP	1	6 SEC					CHECKING WINE
8	343	916	813	—	908	6		70%	1-96 CORRELATION MADE ON FILE #343
9	344	918	815	—	910	8			
10	SKIP	920	817	—	912	10			VP #920 SKIPPED DUE TO HOUSE
11	SKIP	922	819	—	914	12			
12	SKIP	924	821	—	916	14			VP'S 922-936 SKIPPED DUE TO HOUSES, BARNES,
13	SKIP	926	823	—	918	16			Ect.
14	SKIP	928	825	—	920	18			
15	SKIP	930	827	—	922	20			
16	SKIP	932	829	—	924	22			
17	SKIP	934	831	—	926	24			
18	SKIP	936	833	—	928	26			
19	345	938	835	—	930	28			EOF #345 ON REEL #262
20	SKIP	940	837	—	932	30			B.O.F. #346 (WIND STRIP) ON REEL #263. FILE #900-10 SEC ALL ONE'S
21	SKIP	942	839	—	934	32			
22	SKIP	944	841	—	936	34			VP'S 940-946 SKIPPED DUE TO HOUSE
23	347	946	843	—	938	36			1-96 CORRELATION MADE ON FILE #347
24	348	948	845	—	940	38			VP #948 STACKED ON FIRST HALF DUE TO HOUSE.
25	SKIP	950	847	—	942	40			

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233X332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR #-41100 1-7000	TYPE GEOPHONE ETL-EV22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN.	COUNTY MONROE	DATE 3-15-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	SKIP 952	849 - 944	42	4		263	Out	Out	70%	
2	SKIP 954	851 - 946	44							VP'S 950-958 SKIPPED DUE TO HOUSES
3	SKIP 956	853 - 948	46							
4	349 958	855 - 950	48							RECORDER MOVE
5	350 960	857 - 952	6							RECORDER SET UP BETWEEN STR.'S 923 & 924
6	SKIP 962	859 - 954	8							VP 962 SKIPPED DUE TO HOUSE
7	351 964	861 - 956	10							RAW SWEEP MADE ON FILE #960.
8	SKIP 966	863 - 958	12							VP #966 SKIPPED DUE
9	352 968	865 - 960	14							VP #968 STACKED ON LAST HALF DUE TO HOUSE
10	353 970	867 - 962	16							
11	SKIP 972	869 - 964	18							
12	" 974	871 - 966	20							
13	" 976	873 - 968	22							
14	" 978	875 - 970	24							
15	" 980	877 - 972	26							
16	" 982	879 - 974	28							
17	" 984	881 - 978	30							
18	" 986	883 - 980	32							
19	" 988	885 - 982	34							
20	" 990	887 - 982	36							
21	" 992	889 - 984	38							
22	" 994	891 - 988	40							
23	" 996	893 - 990	42							
24	" 998	895 - 990	44							
25	SKIP 1000	897 - 992	46							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233X332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH EV23	FREQUENCY 75 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER TO SIMMONS/KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN LINE #1	STATE TENN	COUNTY MONROE	DATE 3-15-79
CREW NO. 6834	TERRAIN HILLV	WEATHER CLEAR.	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	Skip	898-994	48	4		263	Out	Out	70%	VP'S 974-1014 SKIPPED DUE TO HOUSE'S, BARN'S, CHURCHES, HIWAY #411 (CROSSING BETWEEN STA'S 987 & 988), ETC.
2	"	900-998								
3	"	903-998								
4	"	905-1000								
5	"	907-1002								
6	"	909-1004								
7	Skip	911-1006								
8										FINISHED FOR THE DAY
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.		SWEEP PATTERN		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233X332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER TO SIMMONS/KRAMER.	LINE DIR. 1 TO 24 E. → W.	
				PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #1	STATE TENN	COUNTY MONROE	DATE 3-16-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR-COOL	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	/NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AP	
1	933	PULSE TEST	1	-	6 SEC.		263	Out	Out	RECORDER SET UP BETWEEN STA. 977 & 978
2	934	EIN	2	-	" "					HIWAY CROSSES LINE AT STA. 987 & 988 (HIWAY # 411)
3	936	DRD	4	-	" "					HEAVY TRAFFIC
4	933 & 934	SUM TEST	2	-	" "					
5	940 & 941	NRT TEST	2	-	" "					
6	890	Similarity	1	-	31 SEC.				4	50%
7	354	Wind Strip	1	-	6 SEC.					50%
8	355	1016	913-1008	8						70%
9	356	1018	915-1010	10						
10	SKIP	1020	917-1012	12						
11	357	1022	919-1014	14						
12	358	1024	921-1016	16						
13	359	1026	923-1018	18			263			
14	361	1028	925-1020	20			264			
15	SKIP	1030	927-1022	22						
16	SKIP	1032	929-1024	24						
17	SKIP	1034	931-1026	26						
18	362	1036	933-1028	28						
19	363	1038	935-1030	30						
20	364	1040	937-1032	32						
21	365	1042	939-1034	34						
22										
23		E.O.L. #1								
24										FINISHED FOR THE DAY
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 220'
REMARKS	OBSERVER/TO SIMMONS/KRAMER		PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP.	AREA TENN. LINE #1	STATE TENN	COUNTY MONROE	DATE 3-20-78
CREW NO. 6834	TERRAIN Hilly	WEATHER CLOUDY - WARM	LINE NO. 1	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1 933	PULSE TEST	1 - 6 SEC.				265	Out	Out	RECORDER SET UP BETWEEN STA'S 272 & 273
284 935	EINI	2 - " "							DOING SECTION OF LINE #1 SKIPPED DUE TO BAD WEATHER CONDITION (STA'S 310-368)
936 939	DRD	4 - " "							
953 954	SWEEP TEST	2 - " "							
964 961	NRJ. TEST	2 - " "							
6 890	Similarity	1 - 31 SEC.		4				50%	
7 001	WINDSTRIP	1 - 6 SEC.							CHECKING WINE
8 002	310	207 - 302	7					70%	1-96 CORRELATION MADE ON FILE #003
9 003	312	209 - 304	9						
10 004	314	211 - 306	11						
11 005	316	213 - 308	13						RAW SWEEP MADE ON FILE #005
12 006	318	215 - 310	15						
13 007	320	217 - 312	17						
14 008	322	219 - 314	19						
15 009	324	221 - 316	21						
16 010	326	223 - 318	23						
17 011	328	225 - 320	25						
18 022	330	227 - 322	27			265			E.O.F. #012 ON REEL #265, B.O.F. #013 (WINDSTRIP) ON REEL #266
19 014	332	229 - 324	29			266			FILE #900 - 10 SEC. ALONE'S
20									
21									
22									FINISHED FOR THE DAY
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100 1-4900	TYPE GEOPHONE ETK - EV 22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER/JC SIMMONS/KRAMER		PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division
Geosource Inc.**

CLIENT COCORP	AREA TENN. LINE # 1	STATE TENN.	COUNTY MONROE	DATE 3-21-79
CREW NO. 6834	TERRAIN MOUNTAINIOUS	WEATHER CLOUDY-OVERCAST	LINE NO. 1	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	50~	
1	933 PULSE TEST	1-6 SEC.				266	Out	Out	RECORDER SET UP BETWEEN STA'S 300 & 301	
2	934-935 EINT	2- " "							DOING SECTION OF LINE # 1 SKIPPED DUE TO BAD WEATHER CONDITIONS. (STA'S 310-360). RAIN OVERNITE CAUSEING HIGH GROUND CURRENT.	
3	936-939 DRD	4- " "							STA # 339 OPEN DUE TO BRIDGE.	
4	933-934 SUM TEST	2- " "								
5	940-941 NRJ TEST	2- " "								
6	890 Similarity	1-31 SEC.		4				50%	CHECKING LINE	
7	015 Wind Strip	1-6 SEC.								
8	016 334	231-326	3					70%	1-96 CORRELATION MADE ON FILE # 016	
9	017 336	233-328	5							
10	018 338	235-330	7						VP. 338 STACKED ON FIRST HALF DUE TO BRIDGE	
11	019 340	237-332	9						VP. 340 " " LAST " " " "	
12	020 342	239-334	11							
13	021 344	241-336	13							
14	022 346	243-338	15							
15	023 348	245-340	17							
16	024 350	247-342	19							
17	025 352	249-344	21							
18	026 354	251-346	23			266			EOF # 026 ON REEL # 266	
19	028 356	253-348	25			267			BOF # 028 (WIND STRIP) ON REEL # 267. FILE # 900-10 SEC. ALL ONE'S	
20	029 358	255-350	27						1-96 CORRELATION MADE ON FILE # 028	
21	030 360	257-352	29							
22	031 362	259-354	31						VP # 362 SKIPPED DUE TO BRIDGE	
23	031 364	261-356	33						3 RAW SWEEP-1 FOR DEKAUFMAN, 2 FOR (QUALITY CONTROL) MADE ON FILE # 031	
24	032 366	263-358	35							
25	033 368	265-360	37			267			EOF # 033 ON REEL # 267. FINISHED LINE # 1	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz.	SWEEP PATTERN	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-EV22	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER/TO SIMMONS/KRAMER		PARTY MGR.		