

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

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

CLIENT COCORP	AREA TENN. LINE #2	STATE TENN.	COUNTY MONROE	DATE 2-28-79
CREW NO. 6834	TERRAIN Hilwy	WEATHER CLEAR	LINE NO. 2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		REMARKS
							LOCUT	60 ~	
1 933	PULSE TEST	1 — 6 SEC.				249	Out	Out	RECORDER SETUP BETWEEN STA'S 59 & 60 WILL BE STARTING LINE #2 AS PER DR KAUFMAN'S REQUEST FOR STARTING AND FINISHING A LINE.
2 934	EINT	2 — " "							
3 936-939	DRD	4 — " "							
4 953-954	SUM TEST	2 — " "							
5 960-961	NRT TEST	2 — " "							
6 890	Similarity	1 — 31 SEC.		5				50%	Laying Out AND Checking LINE
7 001	Wind Strip	1 — 6 SEC.							
8 SKIP	1	9 — 104						70%	First 12 V.P.'S IN SEQUENCE (STA'S 1-12) V.P.'S 1-5 SKIPPED DUE TO INEXSESABILITY OF LINE
9 "	2	10 — 105							
10 "	3	11 — 106							
11 "	4	12 — 107							
12 SKIP	5	13 — 108							
13 002	6	14 — 109	27						1-96 CORRELATION MADE ON FILE #002
14 003	7	15 — 110	28						
15 004	8	16 — 111	29						
16 005	9	17 — 112	30						
17 006	10	18 — 113	31						
18 007	11	19 — 114	32						
19 008	12	20 — 115	33						Will Now Be Shooting NEXT 10 V.P.'S (66-102) EVERY 4 th V.P.
20 SKIP	66	1-58 74-112	14						V.P.# 66 SKIPPED DUE TO HOUSE
21 009	70	1-62 78-112	14		249				V.P.# 70 STACKED ON LAST HALF DUE TO HOUSE
22									E.O.F. 009 ON REEL # 249
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 4-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER TO SIMMONS/KRAMER	PARTY MGR.	

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DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
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Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #2	STATE TENN.	COUNTY MONROE	DATE 3-1-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLOUDY-OVERCAST		LINE NO. 2

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.		250	Out	Out	RECORDER SET UP BETWEEN STA'S 59+60
2	934	EINT	2-	" "					B.O.F. # 010 ON REEL # 250. FILE # 900-10 SEC. ALL ONE'S
3	936	DRD	4-	" "					
4	937	Sum Test	2-	" "					
5	940	NRJ Test	2-	" "					
6	890	Similarity	1-	31	Sec.			50%	
7	010	Wind Strip	1-	6	Sec.				Checking Line
8	012	74	1-66	82-111	14			70%	
9	013	78	1-70	86-111	14				
10	SKIP	82	1-74	90-111	14				
11	SKIP	86	1-78	94-111	14				VP'S 82+86 SKIPPED DUE TO HOUSES
12	014	90	1-82	98-111	14				
13	SKIP	94	1-86	102-111	14				VP # 94 SKIPPED DUE TO HOUSE
14	015	98	1-90	106-111	14				
15	016	102	1-94	110-111	14				VP # 102, STACKED ON FIRST HALF DUE TO HOUSE
16	SKIP	104	1-	96	14				
17	SKIP	106	3-	98	16				VP'S 104+106 SKIPPED DUE TO HOUSES
18	017	108	5-	100	18				3 RAW SPEEDS MADE ON FILE # 017, 1 FOR DR KAUFMAN, 2(1-48 19-96) FOR
19	018	110	7-	102	20				QUALITY CONTROL. VP # 110 STACKED ON FIRST HALF.
20	019	112	9-	104	22				VP # 112, STACKED ON LAST HALF
21	020	114	11-	106	240				RECORDER MOVE. RECORDER SET UP BETWEEN STA'S 83+84
22	021	116	13-	108	2				VP # 116, STACKED ON FIRST HALF
23	SKIP	118	15-	110	4				
24	"	120	17-	112	6				VP'S 118 - 122 SKIPPED DUE TO HOUSES
25	SKIP	122	19-	114	8				

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 ETH-EV22B	FREQUENCY 75 Hz	STATION INTERVAL 220'
REMARKS	OBSERVER SIMMONS/KRAMER		PARTY MGR.		LINE DIR. 1 TO 24 N → S

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
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Geosource Inc.**

CLIENT COCORP	AREA TENN. LINE 2	STATE TENN.	COUNTY MONROE	DATE 3-1-79
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CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR	LINE NO.
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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	022	124	21 - 116	10	5	250	Out	Out	70%	
2	023	126	23 - 118	12		250				E.O.F.#023 ON REEL# 250
3	025	128	25 - 120	14		251				BOF.#024 ON REEL# 251 (WIND STRIP). FILE#900-10 SEC. ALL ONE'S 1-9% CORRELATION MADE ON FILE#025
4										
5										
6										FINISHED FOR THE DAY
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20										
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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	
SWEPT PATTERNS PER SETUP		PATCH PATTERN 112233X332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 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 #2	STATE TENN.	COUNTY MONROE	DATE 3-2-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR	LINE NO. 2	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	95 ~	
1	933	PULSE TEST	1	—	6 SEC		251	Out	Out	RECORDER SET UP BETWEEN STA'S 98+99
934	935	EINI	2	—	" "					
936	939	DRD	4	—	" "					
953	954	SUNN TEST	2	—	" "					
960	961	NRJ TEST	2	—	" "					
6	890	Similarity	1	—	31 SEC				50%	
7	026	Wind Strip	1	—	6 SEC					CHECKING LINE
8	027	130	27	—	122	1			70%	1-96 CORRELATION MADE ON FILE # 027
9	028	132	29	—	124	3				VP # 132, STACKED ON FIRST HALF DUE TO HOUSE
10	SKIP	134	31	—	126	5				
11	"	136	33	—	128	7				VP'S 134-138 SKIPPED DUE TO HOUSES
12	SKIP	138	35	—	130	9				
13	029	140	37	—	132	11				
14	030	142	39	—	134	13				
15	031	144	41	—	136	15				
16	032	146	43	—	138	17				
17	033	148	45	—	140	19				
18	034	150	47	—	142	21				
19	035	152	49	—	144	23				
20	036	154	51	—	146	25				
21	037	156	53	—	148	27	251			EOF # 037 ON REEL # 251
22	SKIP	158	55	—	150	29	252			BOF # 038 (Wind Strip) ON REEL # 252; FILE # 900-10 SEC. ALL ONE'S
23	"	160	57	—	152	31				
24	SKIP	162	59	—	154	33				VP'S 158-162 SKIPPED DUE TO HOUSES
25	039	164	61	—	156	35				1-96 CORRELATION MADE ON FILE # 039

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-EV22B	FREQUENCY 75 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.	

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DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
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Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #2	STATE TENN.	COUNTY MONROE	DATE 3-2-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR	LINE NO. 2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	% Drive	
1	040	166	63 — 158	37	5	252	Out	Out	70%	RAW SWEEP MADE ON FILE # 040
2	041	168	65 — 160	39						
3	042	170	67 — 162	41						
4	043	172	69 — 164	43						
5	044	174	71 — 166	45						
6	045	176	73 — 168	47						
7	046	178	75 — 170	49						RECORDER MOVE
8	047	180	77 — 172	40						RECORDER SET UP BETWEEN STA'S 109 & 110
9	SKIP	182	79 — 174	42						
10	SKIP	184	81 — 176	44						V.P.'S 182-186 SKIPPED DUE TO HOUSES
11	048	186	83 — 178	46						
12	048	188	85 — 180	48						V.P.# 188 STACKED ON LAST HALF DUE TO HOUSES
13										
14										
15										FINISHED FOR THE DAY
16										
17										
18										
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22										
23										
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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 75 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER/JO SIMMONS/KRAMER			PARTY MGR.	LINE DIR. 1 TO 24 N → S

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. *SAB*

CLIENT **COCORP** AREA **TENN. LINE #2** STATE **TENN.** COUNTY **MONROE** DATE **3-6-79**
 CREW NO. **6834** TERRAIN **Hilly** WEATHER **Cloudy-Overcast-Windy** LINE NO. **2**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	% DRIVE	
1	Pulse Test	1 — 6 Sec.				252	Out	Out		RECORDER SET UP BETWEEN STA'S 151+152
24 1935	EINI	2 — " "								WIND GUSTING 10-15 mph.
936 -939	DRD	4 — " "								
933 054	Sum Test	2 — " "								
960 090	NRJ Test	2 — " "								EOF# 890 ON REEL # 252
6	890 Similarity	1 — 31 Sec		5		252			50%	BOF# 049 (WIND STRIP) ON REEL # 253. FILE # 900-10 SEC. ALL ONE'S
7	049 Wind Strip	1 — 6 Sec.				253				CHECKING WIND
8	050 190	87 — 182	8						70%	1-96 CORRELATION MADE ON FILE # 050
9	051 192	89 — 184	10							VP#
10	052 194	91 — 186	12							VP# 194 STACKED ON FIRST HALF DUE TO HOUSES
11	SKIP 196	93 — 188	14							
12	" 198	95 — 190	16							VP'S 196-202 SKIPPED DUE TO HOUSES
13	" 200	97 — 192	18							
14	SKIP 202	99 — 194	20							
15	053 204	101 — 196	22							RAW SWEEP MADE ON FILE # 053
16	054 206	103 — 198	24							
17	055 208	105 — 200	26							
18	SKIP 210	107 — 202	28							
19	" 212	109 — 204	30							
20	" 214	111 — 206	32							VP'S 210-222 SKIPPED DUE TO HOUSES.
21	" 216	113 — 208	34							
22	" 218	115 — 210	36							
23	" 220	117 — 212	38							
24	SKIP 222	119 — 214	40							STA# 222 ON Hiway 68 (CAN NOT WORK STATE HIWAYS ON WEEKENDS)
25										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 **4-41100 1-4900** TYPE GEOPHONE **ET6-EV22B** FREQUENCY **7.5 Hz** STATION INTERVAL **220'** LINE DIR. **1 TO 24 N → S**

REMARKS _____ OBSERVER/JO **SIMMONS/KRAMER** PARTY MGR. _____

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DIGITAL VIBROSEIS RECORDER

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CLIENT COCORP	AREA TENN. LINE #2	STATE TENN.	COUNTY MONROE	DATE 3-5-79
CREW NO. 6834	TERRAIN HILLS	WEATHER OVERCAST	LINE NO. 2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	% ATTEN	
1	933 Pulse Test	1 - 6 SEC.				253	Out	Out		RECORDER SET UP BETWEEN STA'S 188+189
2	935 ELNI	2 - " "								GROUND EXTREMELY WET FROM RAIN OVER WEEKEND PICKING UP RINGING IN AMPS DUE TO PHASE SHIFTING IN GROUND CURRENT.
3	939 DKD	4 - " "								
4	954 Sum Test	2 - " "								
5	961 NRJ Test	2 - " "								
6	890 Similarity	1 - 31 SEC.		5					50%	
7	056 Wind Strip	1 - 6 SEC.								CHECKING LINE
8	SKIP 224	121 - 216	5						70%	
9	SKIP 226	123 - 218	7							VP'S 224+226 SKIPPED DUE TO HOUSES
10	057 228	125 - 220	9							1-96 CORRELATION MADE ON FILE #057
11	SKIP 230	127 - 222	11							VP# 230 SKIPPED DUE TO HOUSES
12	058 232	129 - 224	13							
13	059 234	131 - 226	15							
14	SKIP 236	133 - 228	17							
15	" 238	135 - 230	19							
16	" 240	137 - 232	21							
17	" 242	139 - 234	23							VP# 236 - 254 SKIPPED DUE TO TOWN OF MT. VERNON.
18	" 244	141 - 236	25							NOISE ON STA'S 222 - 256 DUE TO HIGHWAY #68 + TOWN OF MT. VERNON.
19	" 246	143 - 238	27							
20	" 248	145 - 240	29							
21	" 250	147 - 242	31							
22	" 252	149 - 244	33							
23	SKIP 254	151 - 246	35							
24	060 256	153 - 248	37							
25	SKIP 258	155 - 250	39							VP. 258 SKIPPED DUE TO HOUSE

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 4-9100 1-9900	TYPE GEOPHONE ETH - EV 225	FREQUENCY 75 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER SIMMONS/KRAMER	PARTY MGR.	

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DIGITAL VIBROSEIS RECORDER**

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CLIENT COCORP	AREA TENN. LINE #2	STATE TENN.	COUNTY MONROE	DATE 3-5-79
CREW NO. 6834	TERRAIN Hilly	WEATHER		LINE NO. 2

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	70%	
1	061	157 - 252	41	5		253	Out	Out	70%	
2	062	159 - 254	43			253				EOF #062 ON REEL # 253
3	SKIP	160 - 256	45							BOF #063 (WIND STRIP) ON REEL # 254. FILE # 900-10 SEC. ALL ONES
4	064	163 - 258	47			254				RECORDER MOVE 1-96 CORRELATION MADE ON FILE # 064
5	065	165 - 260	10							RECORDER SETUP BETWEEN STA'S 2274228
6	270	167 - 262	10							RAW SWEEP MADE ON FILE # 065
7										
8										FINISHED FOR THE DAY
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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 112253X352211	
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 TO SIMMONS/KRAMER			PARTY MGR.	LINE DIR. 1 TO 24 N → S

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Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #2	STATE TENN.	COUNTY MONROE	DATE 3-6-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR	LINE NO. 2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		REMARKS
							LOCUT	60 ~	
1 933	PULSE TEST	1 - 6 SEC.				254	Out	Out	RECORDER SET UP BETWEEN STA'S 227 & 228
934 935	EINI	2 - " "							GROUND STILL EXTREMELY WET (STANDING WATER.)
936 939	DRD	4 - " "							
939 941	SUM TEST	2 - " "							NOISE ON STA'S 221-260 DUE TO HIWAY #68, TOWN OF MT. VERNON, & CONSTRUCTION WORK.
940 941	NRI TEST	2 - " "							
6 890	SIMILARITY	1 - 31 SEC.		5				50%	CHECKING WIND
7 066	WIND STRIP	1 - 6 SEC.							
8 067	270	167 - 262	12					70%	1-96 CORRELATION MADE ON FILE #067
9 068	272	169 - 264	14						
10 069	274	171 - 266	16						V.P.# 274 STACKED ON FIRST HALF
11 SKIP	276	173 - 268	18						V.P.# 276 SKIPPED DUE TO HOUSE
12 "	278	175 - 270	20						V.P.# 278 & 280 SKIPPED
13 SKIP	280	177 - 272	22						
14 070	282	179 - 274	24						
15 071	284	181 - 276	26						
16 072	286	183 - 278	28						
17 073	288	185 - 280	30						
18 SKIP	290	187 - 282	32						V.P.# 290 SKIPPED DUE TO HOUSE
19 074	292	189 - 284	34						V.P.# 292, STACKED ON LAST HALF.
20 SKIP	294	191 - 286	36						
21 SKIP	296	193 - 288	38						V.P.# 294 & 296 SKIPPED DUE TO HOUSES
22 075	298	195 - 290	40						
23 SKIP	300	197 - 292	42						
24 SKIP	302	199 - 294	44						
25 076	304	201 - 296	46			254			EOF# 076 ON REEL # 254

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-EV22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER SIMMONS/KRAMER	PARTY MGR.	

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CLIENT COCORP	AREA TENN. LINE #2	STATE TENN.	COUNTY MONROE	DATE 3-6-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR	LINE NO. 2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO. VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	REF	
1	078	306	203-298	48	5	255	Out	Out	70%	RECORDER MOVE. BOF 077 (WIND STRIP) ON REF 255. FILE # 90-10 SER. # 1 (ONE'S)
2	079	308	205-300	22						RECORDER SET UP BETWEEN STA. 255 & 256. 1-96 CORRELATION MADE ON FILE # 079
3	080	310	207-302	24						3 RAW SWEEPS MADE ON FILE # 080, 1 FOR DR. KAUFMAN - 2(1-48 49-56) FOR
4	081	312	209-304	26						QUIET CONTROL.
5	082	314	211-306	28						
6		310	213-308	30						
7										
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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 112233x332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4900	TYPE GEOPHONE EL-EV22B	FREQUENCY 75 Hz.	STATION INTERVAL 220'
REMARKS	OBSERVER/TO SIMMONS/KRAMER		PARTY MGR.		

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Geosource Inc.

CLIENT COCORP	AREA TENN. LINE #2	STATE TENN.	COUNTY MONROE	DATE 3-7-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast	LINE NO. 2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP/ SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	OFF	
1	933	PULSE TEST	1 - 6 SEC.			255	Out	Out		RECORDER SET UP BETWEEN STA.'S 283 & 284
934	935	EINI	2 - " "							
936	939	DRD	4 - " "							
933	934	SUM TEST	2 - " "							
934	935	NRT TEST	2 - " "							
6	890	Simuhareteu	1 - 31 SEC.	5					50%	
7	083	Wind Strip	1 - 6 SEC.							CHECKING LINE
8	084	316	213 - 308	2					70%	1-96 CORRELATION MADE ON FILE # 084
9	085	318	215 - 310	4						
10	SKIP	320	217 - 312	6						
11	"	322	219 - 314	8						VP'S 320-324 SKIPPED DUE TO HOUSES
12	SKIP	324	221 - 316	10						
13	086	326	223 - 318	12						VP 326 STACKED ON LAST HALF.
14	SKIP	328	225 - 320	14						VP 328 SKIPPED DUE TO HOUSE
15	087	330	227 - 322	16						VP 330 STACKED ON LAST HALF.
16	088	332	229 - 324	18						
17	089	334	231 - 326	20						RAW SWEEP MADE ON FILE # 089
18	090	336	233 - 328	22		255				BOF # 090 ON REEL # 255
19	092	338	235 - 330	24		256				BOF # 091 (WIND STRIP) ON REEL # 256. FILE # 900-10 SEC. ALL ONT'S
20	093	340	237 - 332	26						1-96 CORRELATION MADE ON FILE # 092.
21	094	342	239 - 334	28						
22	095	344	241 - 336	30						
23	SKIP	346	243 - 338	32						VP'S # 346 + 348 SKIPPED DUE TO HOUSES
24	SKIP	348	245 - 340	34						
25	096	350	247 - 342	36						

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 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 #2	STATE TENN.	COUNTY MONROE	DATE 3-7-79
CREW NO. 6834	TERRAIN Hills	WEATHER Cloudy		LINE NO. 2

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	70%	
1	097	352	249 - 344	38	5	256	Out	Out	70%	VP# 352 Stacked on first half Due to house
2	SKIP	354	251 - 346	40						V.P.* 354 Skipped Due to house
3	098	356	253 - 348	42						
4	099	358	255 - 350	44						VP# 358 Stacked on first half Due to house
5	SKIP	360	257 - 352	46						
6	"	362	259 - 354	48						RECORDER MOVE
7	SKIP	364	261 - 356	29						RECORDER SET UP BETWEEN STA'S 306 & 307
8	100	366	263 - 358	29						
9	101	368	265 - 360	31						
10	SKIP	370	267 - 362	33						V.P.'S 370 - 374 SKIPPED DUE TO HOUSES
11	"	372	269 - 364	35						
12	SKIP	374	271 - 366	37		256				E.O.F# 101 ON REEL # 256
13										
14										Now going Back to V.P.* 274 to VIBRATE through
15										SPREAD AS PER DR. KAUFMAN'S INSTRUCTIONS to BUILD
16										STACK ON CROSSCIE OF LINES 1+2
17										
18	102	274	265-266 282-375	31		257				BOF# 102 ON REEL # 257. FILE# 900-10 SEC. ALL ONE'S
19	SKIP	278	265-270 286-375	31						V.P.* 278 SKIPPED DUE TO HOUSE
20										
21										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 112233X332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-91100 1-4900	TYPE GEOPHONE ETH-EU22B	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 #2	STATE TENN	COUNTY MONROE	DATE 3-8-79
CREW NO. 6834	TERRAIN HILLS	WEATHER OVERCAST - RAINING		LINE NO. 2

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	2-1-6 SEC.				257	Out	Out		RECORDER SET UP BETWEEN STA.'S 306 + 307 GROUND EXTREMELY WET (STANDING WATER) AFTER OVERNITE RAIN. SHOOTING THROUGH SPREAD AS PER DR. KAUFMAN'S INSTRUCTIONS RAIN INCREASING
934	935 ETNI	2 - " "								
936	939 DRD	4 - " "								
934	951 Sum Test	2 - " "								
944	962 NRT Test	2 - " "								
6	890 Similarity	1 - 31 SEC.		5					50%	
7	103 Wind Strip	1 - 6 SEC.								Checking Line
8	104 282	265-274 280-275	31						70%	
9										
10										Down Due to RAIN + INCREASING GROUND CURRENT
11										Shifting Phase.
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
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-41100 1-2900	TYPE GEOPHONE ETH-EV22B
REMARKS		FREQUENCY 7.5 Hz.		STATION INTERVAL 220'	PATCH PATTERN 112233X332211
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.	COUNTY MONROE	DATE 3-9-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Cloudy	LINE NO. 2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1 933	Pulse Test	1 — 6 Sec.				257	Out	Out		RECORDER Set up BETWEEN STA'S 306 & 307
934 & 935	EINI	2 — " "								
936 - 939	DRD	4 — " "								VIBRATING THROUGH SPREAD AS PER DR. KAUFMAN'S INSTRUCTIONS TO BUILD STACK ON CROSSIE OF LINE #1 & 2.
939 & 941	Sum Test	2 — " "								
940 & 941	NRT Test	2 — " "								
6 890	Similarity	1 — 31 Sec.		5					50%	
7 105	Wind Strip	1 — 6 Sec.								Checking Line
8 106	286	265-278 294-315	31						70%	1-96 CORRELATION MADE ON FILE # 106
9 SKIP	290	265-282 298-315	31							V.P.# 286 OFF 2 STA. IN SPLIT (WAS 265-280 296-315)
10 SKIP	294	265-286 302-315	31							V.P.'S 290 & 294 SKIPPED DUE TO HOUSES
11 107	298	265-290 306-315	31							
12 SKIP	302	265-294 310-315	31							V.P.# 302 SKIPPED DUE TO HOUSE
13 108	306	265-298 314-315	31							
14 109	310	265-302 318-315	31							
15 SKIP	364	261-356	27							V.P.# 364 SKIPPED DUE TO HOUSE
16 SKIP	365	262-357	28							V.P.#
17 110	366	263-358	29							
18 111	367	264-359	30							V.P.# 367 CDP POSITION OUT. WAS 29 SHOULD HAVE BEEN 30
19 112	368	265-360	31							EOF # 112, ON REEL # 257
20 SKIP	369-375									V.P.'S 369-375 SKIPPED DUE TO HOUSES.
21										
22										
23		E.O.L. # 2								FINISHED VIB. FOR THE DAY
24										PICKING UP END END OF LINE # 2
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 4-91100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 75 Hz	STATION INTERVAL 220'
REMARKS	OBSERVER Simmons/Kramer		PARTY MGR.		