

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

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

CLIENT COCORP	AREA Michigan Line #3 (Three)	STATE Michigan	COUNTY Gratiot	DATE 10-4-78
CREW NO. 6834	TERRAIN Flat - Farmland	WEATHER Cloudy - Cold - Wet		LINE NO. 3 (Three)

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL.NO.	FILTER			REMARKS
						LOCUT	60 ~	90 ~	
1	SKIP 37	41 — 136	33	5	135	Out	Out	70%	V.P.# 37 SKIPPED DUE TO HOUSE
2	D11 39	43 — 138	35						V.P.# 39 STACKED ON LAST HALF DUE TO HOUSE
3	SKIP 41	45 — 140	37						V.P.# 41 SKIPPED DUE TO HOUSE
4	D12 43	47 — 142	39						V.P.# 43 STACKED ON LAST HALF
5	D13 45	49 — 144	41		135				EOF # D13 ON REEL # 135
6	SKIP 47	51 — 146	43						V.P.# 47 SKIPPED DUE TO HOUSE
7	D15 49	53 — 148	45		136				BOF # D14 (ON WIND STRIP) ON NEW REEL # 136. FILE # 900-10 SEC. P22 DME'S
8	D16 51	55 — 150	47						1-96 CORRELATION MADE ON FILE # D15
9	SKIP 53	57 — 152							RECORDED RECORDER MOVED. V.P.# 53 SKIPPED DUE TO HOUSE
10	D17 55	59 — 154	39						RECORDER SET UP BETWEEN STA 92 & 93
11	D18 57	61 — 156	41						RAW SWEEP (1 FOR DR. KANTHAWAN, 2 [1-48, 49-91] FOR GEAR GEARLISED) MADE ON FILE # D18
12	SKIP 59	63 — 158	43						V.P.# 59 SKIPPED DUE TO HOUSE
13									FURNISHED FOR THE DAY.
14									
15									
16									
17									
18									
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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 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100's 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 220'
REMARKS			OBSERVER Simmons	PARTY MGR.	

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CLIENT COCORP	AREA Michigan Line # 3 (Three)	STATE Michigan	COUNTY Gratiot	DATE 10-7-78
CREW NO. 6834	TERRAIN Flat - Farmland	WEATHER CLEAR - Wet - Cold - Windy		LINE NO. 3 (Three)

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER			REMARKS
						LOCUT	60 ~	SP TIME	
1	933 Pulse Test	1 — 6 SEC.			136	Out	Out		OB Setup BETWEEN STA'S 138 & 139
2	935 EINI	2 — " "							HEAVY RAIN LAST TWO DAYS CREATING LEAKAGE, ROADS VERY SOFT, SLOWING DOWN OPERATIONS.
3	939 DRD	4 — " "							
4	955 Sum Test	2 — " "							
5	961 NRI Test	2 — " "							
6	890 Similarity	1 — 31 SEC.		5	9:30			50%	
7	019 Wind Strip	1 — 6 SEC.			12:30				Running Down Bad Cables & Phones
8	SKIP 61	65 — 160			SKIP			70%	V.P.# 61 SKIPPED DUE TO HOUSE
9	020 63	67 — 162	1		1:00				1-96 CORRELATION MADE ON FILE # 020
10	021 65	69 — 164	3		1:30				
11	022 67	71 — 166	2		1:50				
12	023 69	73 — 168	7		2:10				V.P.# 69 STACKED ON FIRST HALF DUE TO HOUSE
13	SKIP 71	75 — 170	9		SKIP				V.P.'S 71 & 73 SKIPPED DUE TO HOUSE
14	SKIP 73	77 — 172	11		SKIP				
15	024 75	79 — 174	13		2:30				V.P.# 75 STACKED ON LAST HALF DUE TO HOUSE
16	025 77	81 — 176	15		2:50				
17	026 79	83 — 178	17		3:10				
18	SKIP 81	85 — 180	19		SKIP				V.P.# 81 & 83 SKIPPED DUE TO HOUSE
19	SKIP 83	87 — 182	21		SKIP	136			E.O.F.# 026 ON REEL # 136
20	028 85	89 — 184	23		3:40	137			B.O.F.# 027 (WIND STRIP) ON NEW REEL # 137. FILE # 900-10 SEC. ALL ONE'S
21	029 87	91 — 186	25		4:10				1-96 CORRELATION MADE ON FILE # 028. CLOUDS IMPRESSING, INTERMIXED SHOWERS
22	030 89	93 — 188	27		4:30				RAW SWEEP MADE ON FILE # 030
23	031 91	95 — 190	29		5:00				
24	SKIP 93	97 — 192	31		SKIP				V.P.# 93 SKIPPED DUE TO HOUSE (STORMS MOVING IN)
25	032 95	99 — 194	33		5:20				FINISHED FOR THE DAY TO PICK UP LINE TO MOVE TO GEORGIA [E.O.F.# 032 ON REEL # 137]

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 7.5 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER Simmons	PARTY MGR.	