

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

EXPERIMENTAL

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #</b>	STATE <b>GA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-14-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast - Damp</b>	LINE NO. <b>4</b>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER		REMARKS
							LOCUT	80 ~	
1	933					730	Out	LN	301. #730 RECORDER SET UP BETWEEN STA'S 408 1/2 + 409 1/2 WILL BE RECORDING STA'S 385 - 432 1/2 USING FULL + HALF STA'S MAKING UP A FULL 96 STA'S FOR TESTING. PHONES WILL PODDED FOR TEST
2	934								
3	935								
4	936								
5	937								
6	938			4				50%	
7	000								CHECKING WINE
8									
9	002	384 1/2	385 - 432 1/2	25					1 VIB. 1 SWEEP (8-40 Hz / 2.2 SEC) / 20% DRIVE
10									
11	003	383	385 - 432 1/2	25					4 VIB. 4 SWEEPS " " / 70% DRIVE
12									
13	004	<del>431 1/2</del>	385 - 432 1/2	25					4 VIB. 4 SWEEPS " " / " "
14									
15	005	<del>431 1/2</del>	385 - 432 1/2	25					4 VIB. 16 SWEEPS " " / " "
16		432 1/2							First VIB ON FLAG NEXT 3 VIB. SPACED 40' PAD TO PAD
17									Doing 16 SWEEPS MOVING UP 15' / SWEEP
18	006	434 1/2	385 - 432 1/2	25					4 VIB. 16 SWEEPS (8-40 Hz / 2.2 SEC) / 70% DRIVE
19									CENTER OF 4 VIB ON 432 1/2, SPACED 73' PAD TO PAD
20									Doing 16 SWEEPS MOVING UP 27 1/2' / SWEEP.
21									
22						730			E.O.T. #730
23									
24									FINISHED FOR THE DAY
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 2.2 SEC	SWEEP PATTERN ?	SWEEPS PER PATTERN ?	SWEEP PATTERNS PER SETUP	PATCH PATTERN ?	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4110'S 1-4900	TYPE GEOPHONE ETH-ENV22B	FREQUENCY 7.5 Hz	STATION INTERVAL ?
REMARKS	OBSERVER SIMMONS		PARTY MOR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

EXPERIMENTAL & PRODUCTION

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA WINE #4</b>	STATE <b>GA.</b>	COUNTY	DATE <b>12-15-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast - Cool</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	BD ~	
1	PULSE	1 - 6 SEC.				731	Out	TN	BOI. # 731 FILE # 900-10 SEC ALL ONE'S
2	EINI	2 - " "							RECORDER SET UP BETWEEN STA'S 441 & 442
3	DRD	4 - " "							STA # 467 OPEN DUE TO BRIDGE. WILL START PULLING
4	Sum Test	2 - " "							SPREAD ON WINE # 4. FULL EXPLANATION OF FIELD,
5	NRI TEST	2 - " "							VIB. & GEOPHONE PARAMETERS ON ATTACHED SHEET. IF ANY
6	Similarity	1 - 22 SEC		4					50% CHANGES MADE NEW PARAMETER SHEET WILL BE SENT
7	WIND STRIP	1 - 6 SEC.							CHECKING WINE
8									
9	470	371 - 466	2						70% 4 VIB. HUDDLED, MINIMUM MOVE UP IF NECESSARY
10									
11									
12	470	371 - 466	2						" 4 VIB 50' APART. LEAD VIB. 115' BEHIND FLAG. VIB. MOVING
13									UP 2.5' PER SWEEP.
14	472	373 - 468	4						" STARTING PRODUCTION.
15	474	375 - 470	6						"
16	476	377 - 472	8						"
17	478	379 - 474	10			731			" FOI # 731
18	480	381 - 476	12			732			" BOI. # 732 FILE # 900-10 SEC ALL ONE'S
19	482	383 - 478	14						"
20	484	385 - 480	16						"
21	486	387 - 482	18						"
22	488	389 - 484	20						"
23	490	391 - 486	22						"
24	492	393 - 488	24						30% VP # 492 STACKED ON FIRST HALF.
25	SKIP	395 - 490	26						VP # 494 SKIPPED DUE TO HOUSE. FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC		SWEEP PATTERN ?		SWEEPS PER PATTERN ?	
SWEEP PATTERNS PER SETUP		PATCH PATTERN		112233x332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100'S 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 2.5 Hz	STATION INTERVAL 220'
REMARKS 4ms SAMPLE RATE 4/2 SEC RECORD LENGTH			OBSERVER SIMMONS	PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA WINE #4</b>	STATE <b>GA.</b>	COUNTY <b>Ogelthorpe</b>	DATE <b>12-17-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR-COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80~	AMP	
1 933	PULSE	1 - 6 SEC				732	Out	IN		RECORDER SETUP BETWEEN STA'S 441 & 442
2 934	E.T.NI	2 - " "								STA #467 OPEN DUE TO BRIDGE
3 935	DRD	4 - " "								" 508 " " " STORE & PARKING LOT.
4 936	SUM TEST	2 - " "								
5 937	NRT TEST	2 - " "				732				E.O.I. #732
6 938	Similarity	1 - 22 SEC		4		733			50%	BOI #733 FILE #900-10 SEC. ALL ONE'S
7 021	Wimp Strip	1 - 6 SEC								CHECKING LINE
8 022	496	397 - 492	28						30%	1-9% Correlation Made On FILE #022
9 SKIP	498	399 - 404	30							UP'S 498 & 500 SKIPPED DUE TO HOUSE & WELL
10 SKIP	500	401 - 496	32							
11 023	502	403 - 498	34						30%	UP #502 STACKED ON LAST HALF
12 024	504	405 - 500	36						70%	
13 025	506	407 - 506	38						50%	
14 SKIP	508	408 - 504	40							UP #506 SKIPPED DUE TO HOUSE
15 026	510	411 - 506	42						30%	
16 SKIP	512	413 - 508	44							UP'S 512 & 514 SKIPPED DUE TO HOUSE'S
17 SKIP	514	415 - 510	46							
18 SKIP	516	417 - 512	48							UP #516 SKIPPED DUE TO HOUSE RECORDED MOVE
19 027	518	419 - 514	3						30%	RECORDED SETUP BETWEEN STA'S 488 & 489
20 028	220	421 - 516	5						30%	STACKED ON FIRST HALF
21 SKIP	222	423 - 518	7							UP #522 SKIPPED DUE TO HOUSE
22 029	524	425 - 520	9			733			30%	UP #524 STACKED ON LAST HALF E.O.I. #733
23 SKIP	526	427 - 522	11							UP #526 SKIPPED DUE TO HOUSE
24 031	528	429 - 524	13			734			30%	BOI #734 FILE #900-10 SEC ALL ONE'S, 1-9% Cor. Made On FILE #051
25 032	530	431 - 526	15							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC		SWEEP PATTERN 525' SOURCE AREA		SWEEPS PER PATTERN 16	
SWEEP PATTERN PER SETUP 1		PATCH PATTERN 112233X332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 15-9110'S 1-4800	TYPE GEOPHONE 11100'S	FREQUENCY 25 Hz.	STATION INTERVAL 220'
REMARKS 4ms SAMPLE RATE 42 SEC. RECORD LENGTH.		OBSERVER GIMMONS		PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>Georgia WINE #4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-17-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR &amp; COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		REMARKS
							LOCUT	80~	
1	SKIP	435 - 528	17	4		734	Out	TN	VP#532, SKIPPED DUE TO house
2	033	435 - 530	19	↑		↑	↑	↑	U.P.#534 STACKED ON LAST HALF
3	034	437 - 532	21						
4	035	439 - 534	23						
5	036	441 - 536	25						
6	037	443 - 538	27						STACKED ON FIRST HALF
7	038	445 - 540	29	↓		734	↓	↓	E.O.T. #734 VP#544 STACKED ON LAST HALF DUE TO house
8									
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 <b>8-40 Hz / 32 sec.</b>		SWEEP PATTERN <b>525 SOURCE ARRAY</b>		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP <b>1</b>		PATCH PATTERN <b>112233X332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100'S 1-900</b>	TYPE GEOPHONE <b>ETL - EV22B</b>	FREQUENCY <b>2.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS <b>4mas Sample Rate 4/2 sec. RECORD LENGTH.</b>			OBSERVER <b>SIMMONS</b>	PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division

Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Wilkes</b>	DATE <b>12-13-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>CLEAR - COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP <del>30FT</del> FINE	TAPE RL NO	F - E R			REMARKS
							LOCUT	SCN	% DRNG	
039	128	25-120	29	5		207	Out	Out	70%	1-96 CORRELATION MADE ON FILE # <del>040</del>
040	130	27-122	31							
041	132	29-124	33							
042	134	31-126	35							
043	136	33-128	37							
044	138	35-130	39							
045	140	37-132	41							2 RAW SWEEPS (1-48 & 49-96) & 1 CORRELATION FOR GEAR GEARISER.
046	142	39-134	43							MADE ON FILE # 045
047	144	41-136	45							
10										
11										5.55
12										FINISHED FOR THE DAY
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 <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-41100 14900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>2.5 Hz</b>	STATION INTERVAL <b>220</b>
REMARKS	OBSERVER/SO. <b>SIMMONS/KRAMER</b>			PARTY MGR.	LINE DIR. 1 TO 24 <b>E-W</b>

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Petty-Ray Geophysical  
Division

Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-14-78</b>
CREW NO. <b>6854</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR &amp; COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	F L T E R	REMARKS
933	Pulse Test	1 - 6 SEC			207	Out Out	RECORDER SET UP BETWEEN STA'S 116 & 117
<del>934</del> 935	ELN1	2 - " "					
<del>936</del> 939	DRD	4 - " "					
<del>940</del> 954	Sum Test	2 - " "					
<del>941</del> 961	NRI TEST	2 - " "					
890	Similarity	1 - 31 SEC		5			50%
048	Wind Strip	1 - 6 SEC					Checking Line
SKIP	146	43 - 138					70% VP# 146 SKIPPED Due to house
048	148	45 - 140	1				1-96 CORRELATION MADE ON FILE # 049
SKIP	150	47 - 142	3				VP# 152 STACKED ON LAST HALF
049	152	49 - 144	5				" 154 SKIPPED Due to house
SKIP	154	51 - 146	7				
SKIP	156	53 - 148	9				VP# 156 SKIPPED Due to house
SKIP	158	55 - 150	11				
SKIP	160	57 - 152	13				VP# 158-166 SKIPPED Due to houses & STORES
SKIP	162	59 - 154	15				
SKIP	164	61 - 156	17				
SKIP	166	63 - 158	19				
050	168	65 - 160	21		207		EOF# 050 ON REEL# 207
051	170	67 - 162	23		208		BOF# 051 ON REEL# 208. FILE# 900-10 SEC. ALL OWS
052	172	69 - 164	25				
053	174	71 - 166	27				
054	176	73 - 168	29				
055	178	75 - 170	31				
056	180	77 - 172	33				

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X532211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV223</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER <b>SIMMONS/KRAMER</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-14-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR - COLD</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW#	NO VIB	SWEEP GATE TIME	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1 057	182	79 - 174	35	5		208	Out	Out	70% RAW SWEEP MADE ON FILE #057
2 058	184	81 - 176	37						
3 059	186	83 - 178	39						1-96 CORRELATION MADE ON FILE #059
4 060	188	85 - 180	41						
5 061	190	87 - 182	43						
6 062	192	89 - 184	45						
7 063	194	91 - 186	47						
8 064	WIND STRIP	6 - SEC				208			E.O.F. #064 (WIND STRIP) ON REEL #208
9 SKIP	196	93 - 188				209			B.O.F. #065 ON REEL #209. FILE #90-10 SEC ALL OWES
10 065	198	95 - 190	18						RECORDED MORE. RECORDER NOT UP BETWEEN STA. 749 & 150
11 066	200	97 - 192	20						UP. #196 SKIPPED DUE TO HOUSE
12 067	202	99 - 194	22						
13									
14					5:45				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 <b>8-32 Hz</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
GEOPHONES PER PATCH <b>24</b>		NO. OF RECORDING PATCHES <b>96</b>		TYPE VIBRATOR <b>4-41100</b>	
TYPE GEOPHONE <b>ETH-EV22B</b>		FREQUENCY <b>25 Hz.</b>		STATION INTERVAL <b>220'</b>	
REMARKS		OBSERVER <b>SIMPSONS/KRAMER</b>		PARTY MGR.	
				<b>112233X332211</b>	
				LINE DIR. <b>E → W</b>	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-15-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR-COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL NO.	F	L	T	E	R	REMARKS
						LOGUT	60	~			
1	933 Pulse Test	1 - 6 Sec			7:30 209	Out	Out				RECORDER SETUP BETWEEN STA'S 172 & 173
2	934 FINI	2 - " "									
3	935 DRD	4 - " "									
4	936 SUM TEST	2 - " "									
5	937 NRJ TEST	2 - " "									
6	8909 Amplitude	1 - 31 Sec		5							
7	066 Wind Strip	1 - 6 Sec									50% CHECKING LINE
8	069 204	101 - 196	1								70% 1-96 CORRELATION MADE ON FILE # 069
9	SKIP 206	105 - 198	3								VP'S 206 & 208 SKIPPED DUE TO HOUSES
10	SKIP 208	105 - 200	5								
11	070 210	107 - 202	7								
12	071 212	109 - 204	9								
13	072 214	111 - 206	11								
14	073 216	113 - 208	13								
15	074 218	115 - 210	15								
16	075 220	117 - 212	17								
17	076 222	119 - 214	19		209						VP# 222 STUCK ON FIRST HALF DUE TO HOUSE; E.O.F. # 076 ON REEL # 209
18	SKIP 224	121 - 216	21		210						B.O.F. # 077 (WIND STRIP) ON REEL # 210; FILE # 900-10 SEC. MONIES; VP# 224 SKIPPED -
19	078 226	123 - 218	23								DUE TO HOUSE, VP# 226 STUCK ON LAST HALF DUE TO HOUSE
20	SKIP 228	125 - 220	25								VP'S 228 - 234 SKIPPED DUE TO HOUSES
21	SKIP 230	127 - 222	27								
22	SKIP 232	129 - 224	29								
23	SKIP 234	131 - 226	31								
24	079 236	133 - 228	33								
25	080 238	135 - 230	35								

TOTAL SETS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-91100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER <b>Simmons/Kramer</b>		PARTY MOR. <b>E → W</b>		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>1-2-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast-Cold-Rain</b>		LINE NO. <b>4</b>

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	1	-	6 SEC	243	Out	IN	RECORDER SET UP BETWEEN STA 662 & 663
2	934	EINT	2	-	" "				No phone's ON STA'S 578-590 DUE to No PERMIT
3	935	DRD	4	-	" "				BOT. # 234. FILE # 900-10 SEC. ALL ONE'S
4	936	SUND EST	2	-	" "				
5	937	NRT TEST	2	-	" "				Starting to RAIN
6	938	Similarity	1	-	22 SEC				50%
7	099	Wind Scrip	1	-	6 SEC				Checking WINE
8	100	680	581	-	676	231			30% V.P. # 680 STACKED ON LAST HALF. 1-96 CORR. MADE ON FILE # 100
9	101	682	583	-	678	233			70%
10	102	684	585	-	680	235			30% V.P. # 684 STACKED ON FIRST HALF.
11	SKIP	686	587	-	682	237			V.P. # 686 SKIPPED DUE to
12	103	688	589	-	684	239			30% V.P. # 688 STACKED ON FIRST HALF
13	104	690	591	-	686	1			30% " 690 " " LAST "
14	105	692	593	-	688	3		743	70% E.O.I. # 743
15	106	694	595	-	690	5		744	30% B.O.T. # 744 FILE # 900-10 SEC. ALL ONE'S. V.P. # 694 STACKED ON FIRST HALF
16	SKIP	696	597	-	692	7			
17	SKIP	698	599	-	694	9			V.P. # 698 - 700 SKIPPED DUE to house, CHICKEN HOUSE.
18	SKIP	700	601	-	696	11			
19	107	702	603	-	698	13			30% V.P. # 702 STACKED ON LAST HALF
20	108	704	605	-	700	15			70% BRAN SWEEP (1 for De Koffm, 2 for 1st for Qulha Control) MADE ON FILE # 100
21	109	706	607	-	702	17			" STARTING to RAIN. STANDING BY for lightning & RAIN.
22	110	708	609	-	704	19			30% V.P. # 708 STACKED ON FIRST HALF
23	SKIP	710	611	-	706	21			" 710 SKIPPED DUE to CRAWLER
24	111	712	613	-	708	23			30% V.P. 712 STACKED ON LAST HALF
25	112	714	615	-	710	25			

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-40 Hz / 22 SEC</b>	SWEEP PATTERN <b>525' SOURCE ARRAY</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233 x 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100</b>	TYPE GEOPHONE <b>ETW-EV22B</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS <b>4 MS SAMPLE RATE 42 SEC. RECORD LENGTH.</b>	OBSERVER <b>SIMMONS</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

COMPANY: COCORP      AREA: GEORGIA LINE #4      STATE: GEORGIA      COUNTY: Wilkes      DATE: 12-16-78  
 CREW NO: 6834      TERRAIN: HILLY      WEATHER: ~~Cloudy~~ Cool-Overcast      LINE NO: 4

REC NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL NO.	F I L T E R		REMARKS
							LOCUT	60 ~	
933	Pulse Test	1 — 6sec		5		211	Out	Out	File #900-10sec Allones on New Reel #211
934	EINT	2 — "							O.B. Set up BETWEEN STAS 242+243
939	DRD	4 — "							
954	Sum Test	2 — "							
961	NRT Test	2 — "							
990	Similarity	1 — 3/5sec							50%
090	WIND STRIP	1 — 6sec							CHECKING LINE
091	276	173-268	3						70% 1-96 CORRELATION MADE ON FILE #091
092	278	175-280	5						
093	280	177-272	7						
094	282	179-274	9						
095	284	181-276	11						
SKIP	286	183-278	13						V.P. #286 SKIPPED DUE TO CHURCH
096	288	185-280	15						V.P. #288 STACKED ON LAST HALF DUE TO CHURCH
097	290	187-282	17						
098	292	189-284	19						
099	294	191-286	21						V.P. #294 STACKED ON LAST HALF DUE TO BRIDGE
100	296	193-288	23			211			E.O.F. #100 ON REEL #211. B.O.F. #101 (WIND STRIP) ON REEL #212
102	298	195-290	25			212			FILE #900-10sec ALLONES: 1-96 CORRELATION MADE ON FILE #102.
103	300	197-292	27						
104	302	199-294	29						O.B. DOWN DUE TO LOSS OF POWER IN CAMERA
22	<del>304</del>	<del>201-296</del>	<del>31</del>			4100			
23	<del>306</del>	<del>203-298</del>	<del>33</del>						
24	<del>308</del>	<del>205-300</del>	<del>35</del>						
25	<del>310</del>	<del>207-302</del>	<del>37</del>						

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: 4-41100      TYPE GEOPHONE: ETL-EV22B      FREQUENCY: 7.5 Hz      STATION INTERVAL: 220'      LINE DIR. 1 TO 24: E → W

REMARKS:      OBSERVER: J.O.      PARTY MGR.: SIMMONS/KRAMER

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COLORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Wilkes + Oglethorpe</b>	DATE <b>12-17-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>CLEAR-COOL-WINDY</b>		LINE NO. <b>4</b>

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 ~	
933	Pulse Test	1 - 6 Sec				212	Out	Out	O.B. Set up BETWEEN STA' 272+273
934+935	EINT	2 - "							
936-939	DRD	4 - "							
953+954	Sum Test	2 - "							
960-961	NRJ	2 - "							
890	Similarity	1 - 31sec		5					50%
105	Wind Strip	1 - 6sec							CHECKING LINE
106	304	201-296	1						70% 1-96 CORRELATION MADE ON FILE #106
107	306	203-298	3						
108	308	205-300	5						
109	310	207-302	7	4					
110	312	209-304	9						VIB. #12666 DOWN DUE TO BAD BATTERY CABLES
111	314	211-306	11						
112	316	213-308	13						
113	318	215-310	15			212			E.O.F #13 ON REEL #212 B.O.F #14 (WIND STRIP) ON REEL #213
115	320	217-312	17			213			FILE #900-10 SEC. ALL ONES
116	322	219-314	19						
117	324	221-316	21						RAW SWEEP MADE ON FILE #117
118	326	223-318	23						
119	328	225-320	25						
120	330	227-322	27						WAITING ON TRAFFIC + FIXING BAD STATION
121	332	229-324	29						
122	334	231-326	31						
123	336	233-328	33						
124	338	235-330	35						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-9/100 1-1900</b>	TYPE GEOPHONE <b>ETL-EV220</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER <b>SIMMONS/KRAMER</b>		LINE DIR. <b>1 TO 24 E → W</b>		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>Georgia</b>	COUNTY <b>Wilkes &amp; Oglethorpe</b>	DATE <b>12-17-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Clear - Cool</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	STRENGTH	
1	340	237-332	37	4		213	Out	Out	70%	1-96 CORRELATION MADE ON FILE #125
2	342	239-334	39	5						VIB. 12666 BACK IN LINE
3	344	241-336	41							E.O.F. 127 ON REEL 213: V.P. 344 SKIPPED ON LAST HALF DUE TO BRIDGE
4										
5										FINISHED FOR THE DAY
6										
7										
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25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-Y100 1-Y900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER <b>J.O. SIMMONS / KRAMER</b>	PARTY MOR.
					LINE DIR. 1 TO 24 <b>E → W</b>

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Wilkes + Oglethorpe</b>	DATE <b>12-18-78</b>
CREA NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>CLEAR + COOL</b>		LINE NO. <b>4</b>

REC NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL NO.	F I L E R			REMARKS
							LOCUT	EC	AMP	
1933	Pulse Test	1 - 6 Sec				214	Out	0.5		B.O.F #28 ON NEW REEL #214 FILE #900-10 SEC ALLONE'S
834-935	EINT	2 - "								O.B. Set up BETWEEN STAS 313-314
835-939	DRD	4 - "								
837-954	SUM Test	2 - "								
838-961	NRJ	2 - "								
890	Similarity	1 - 31 Sec		5					50%	
128	WIND Strip	1 - 6 Sec								Checking LINE
129	346	243-338	2						70%	1-96 CORRELATION MADE ON FILE #129
130	348	245-340	4							
131	350	247-342	6							
132	352	249-344	8							
133	354	251-346	10							
134	356	253-348	12							
135	358	255-350	14							
136	360	257-352	16							
137	362	259-354	18							
138	364	261-356	20							
139	366	263-358	22			214				E.O.F #139 ON REEL #214; B.O.F #40 (WIND Strip) ON REEL #215
141	368	265-360	24			215				FILE #900-10 SEC. ALLONE'S
142	370	267-362	26							
143	372	269-364	28							
144	374	271-366	30							
145	376	273-368	32							
146	378	275-370	34							RAW SWEEP MADE ON FILE #146
147	380	277-372	36							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-1100 1-1900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/S.O. <b>SIMMONS / KRAMER</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-18-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cool</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	70 ~	
1	148	382	279-374	38	5	215	Out	Out	70%	1-96 CORRELATION MADE ON FILE #148 2 RAW SWEEPS (1-48+49-96)+1 (73-96) CORRELATION FOR QUALITY CONTROL MADE ON FILE #149 FINISHED FOR THE DAY
2	149	384	281-376	40						
3	150	386	283-378	42						
4										
5										
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25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8.32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4400</b> <b>14900</b>	TYPE GEOPHONE <b>ETL-FV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER'S O. <b>SIMMONS/KRAMER</b>	PARTY MGR.

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-19-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>OVERCAST</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		REMARKS
							LOCUT	80 ~	
1933	PULSE TEST	1 --- 6 SEC				215	Out	Out	O.B. SET UP BETWEEN STA'S 355-356
934-935	EINT	2 --- "							
936-939	DRD	4 --- "							
953-954	SUM TEST	2 --- "							
960-961	NRJ	2 --- "							
890	Similarity P	1 --- 3 SEC		5					50%
151	Wind Strip	1 --- 6 SEC							Checking LINE
152	388	285-380	2			215			70% 1-96 CORRELATION MADE ON FILE #152; E.O.F #152 ON REEL #215, B.O.F #153 ON REEL #216
153	390	287-382	4			216			FILE #900-10 SEC ALLOW'S
154	392	289-384	6						
155	394	291-386	8						
156	396	293-388	10						
157	398	295-390	12						
158	400	297-392	14						
159	402	299-394	16						
160	404	301-396	18						
161	406	303-398	20						
162	408	305-400	22						
163	410	307-402	24						
164	412	309-404	26			216			E.O.F #164 ON REEL #216; B.O.F #165 (WIND STRIP) ON REEL #217; FILE #900-10 SEC ALLOW'S
166	414	311-406	28			217			
167	416	313-408	30						
168	418	315-410	32						
169	420	317-412	34						1-96 CORRELATION MADE ON FILE #169
170	422	319-414	36						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-Y1100 1-Y900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER/TO. <b>SIMMONS/KRAMER</b>	PARTY NO.	LINE DIR. <b>E → W</b>



OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-20-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>OVERCAST-WINDY</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	COP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		RE MARKS
							LOCUT	60 ~	
1 933	PULSE TEST	1 — 6 SEC				217	Out	Out	0.13 Set up BETWEEN STAS 402 - 403
234-935	EINT	2 — "							
936-939	DRD	4 — "							
953-954	SUM TEST	2 — "							
960-961	NRJ	2 — "							
6 890	Similarity	1 — 3 SEC		5					50%
7 176	WIND STRIP	1 — 6 SEC							CHECKING LINE
8 177	434	331-426	1			217			70% 1-96 CORRELATION MADE ON FILE #177 E.O.F. #177 ON REEL #217; B.O.F. #178 ON REEL #218
9 178	436	333-428	3			218			FILE #900-10 SEC. ALLOWES
10 179	438	335-430	5						
11 180	440	337-432	7	4					VIB. #12667 DOWN DUE TO BROKEN WELD ON LIFT CYLINDER
12 181	442	339-434	9						
13 182	444	341-436	11						
14 183	446	343-438	13						
15 184	448	345-440	15						FIXING BAD STATIONS
16 185	450	347-442	17						V.P. #450 STACKED ON LAST HALF DUE TO CABIN
17 186	452	349-444	19						
18 187	454	351-446	21						V.P. #454 STACKED ON FIRST HALF DUE TO HOUSE
19 188	456	353-448	23						
20 189	458	355-450	25						
21 190	460	357-452	27			218			E.O.F. #190 ON REEL #218; B.O.F. #191 (WIND STRIP) ON REEL #219; FILE #900-10 SEC. ALLOWES
22 192	462	359-454	29	5		219			VIB. #12667 BACK IN LINE
23 193	464	361-456	31						RAW SWEEP MADE ON FILE #193
24 194	466	363-458	33						V.P. #466 STACKED ON FIRST HALF DUE TO BRIDGE
25 195	468	365-460	35						V.P. #468 STACKED ON LAST HALF DUE TO BRIDGE

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS 10</b>
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-91100 1-4900</b>	TYPE GEOPHONE <b>ETL-FV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/J.O. <b>SIMMONS/KRAMER</b>		PARTY MGR.		

SERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT COCORP	AREA GEORGIA LINE #4	STATE GEORGIA	COUNTY Oglethorpe	DATE 12-20-78
CREW NO. 6834	TERRAIN Hilly	OVERCASE		4

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	7.5 Hz	
1	470	367-462	37	5		219	Out	Out	70%	1-96 CORRELATION MADE ON FILE #196
2	472	369-464	39							E.O.F #197 ON REEL #219 FINISHED FOR THE DAY
3										
4										
5										
6										
7										
8										
9										
10										E.O.L.
11										
12										DEC. 21 RAINED OUT: PICKING UP LINE 4 MOVE TO TENN.
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. 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 4-4100 1-4900	TYPE GEOPHONE ETL-EV2213	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER/J.O. SIMMONS/KRAMER	PARTY MGR.	LINE DIR. 1 TO 24 E → W

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE # 4</b>	STATE <b>GA.</b>	COUNTY <b>Dalton</b>	DATE <b>1-7-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>H.L.Lv</b>	WEATHER <b>Overcast - Cold - Rain</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	GDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80 ~	50 ~	
1	716	617 - 712	27	4		744	Out	IN	30%	501 # 744
2	SKIP	718	619 - 714	29						UP # 718 SKIPPED DUE TO HOUSE
3	720	621 - 716	31			745			30%	301 # 745 FILE # 900-10 SEC ALL ONE'S. UP # 730 STACKED ON LAST HALF
4	SKIP	722	623 - 718	33						UP # 722 SKIPPED DUE TO HOUSE
5	724	625 - 720	35						30%	UP # 724 STACKED ON LAST HALF
6										
7										FINISHED FOR THE DAY.
8										
9										
10										
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24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-40 Hz / 22 SEC.</b>		SWEEP PATTERN <b>525' SOURCE ARRAY</b>		SWEEPS PER PATTERN <b>16</b>	
GEOPHONES PER PATCH <b>24</b>		NO. OF RECORDING PATCHES <b>96</b>		TYPE VIBRATOR <b>8-4100'S 1-4000</b>	
TYPE GEOPHONE <b>5TL-FV22B</b>		FREQUENCY <b>25 Hz.</b>		STATION INTERVAL <b>220'</b>	
REMARKS <b>4ms SAMPLE RATE 42 SEC RECORD LENGTH</b>		OBSERVER <b>SIMMONS</b>		PARTY MGR.	
PATCH PATTERN <b>112233X332211</b>			LINE DIR. <b>NE -&gt; SW</b>		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GA</b>	COUNTY <b>DALTON</b>	DATE <b>1-11-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast - Drizzle - Fog</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOGUT	80 ~	
1	933	PULSE 1 - 6 SEC.				745	OUT	IN	RECORDER SET UP BETWEEN STA'S 665 & 670
<del>2</del>	<del>934</del>	EINT 2 - " "							ENTIRE LINE COMPLETELY WATER SATURATED, HAS BEEN
<del>3</del>	<del>935</del>	DRD 4 - " "							RAINING THE LAST 7 DAYS. GROUND CURRENT HEAVY.
<del>4</del>	<del>936</del>	SUM TEST 2 - " "							ATTEMPTING TO CORRECT SITUATION AS FAR AS RAIN
<del>5</del>	<del>937</del>	NRI TEST 2 - " "							SITUATION WILL ALLOW.
6	933	Similarity 1 - 22 SEC.		4					50%
7	116	WIND SCRIP 1 - 6 SEC.							CHECKING LINE
8	117	726 627 - 722	34						30% UP #726 STACKED ON FIRST HALF
9	118	728 629 - 724	36						30% " 728 " " LAST HALF
10	119	730 631 - 726	38						70%
11	120	732 633 - 728	40			745			" E.O.L. #745. 1-46 CORR. MADE ON FILE # 120
12	121	734 635 - 730	42			746			30% BOT. #746. FILE #900-10 SEC. ALL ONE'S.
13									E.O.L. #4, Picking up line #4. VP #734 STACKED ON FIRST
14									HALF.
15		E.O.L.							
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 8-40 Hz / 22 SEC.		SWEEP PATTERN 525' SOURCE PRRAY		SWEEPS PER PATTERN 16	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 3-4100'S 1-4900	
TYPE GEOPHONE ETL - EV22B		FREQUENCY 25 Hz		STATION INTERVAL 220'	
REMARKS 4ms. SAMPLE RATE 42 SEC. RECORD LENGTH		OBSERVER SIMMONS		PARTY MGR.	
		PATCH PATTERN 112233x532211		LINE DIR. 1 TO 24 NE. -> SW	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division

Geosource Inc.

CLIENT **COCORP** AREA **GEORGIA LINE #4** STATE **GEORGIA** COUNTY **WILKES** DATE **12-13-78**  
CREW NO. **6834** TERRAIN **Hilly** WEATHER **CLEAR - COLD** LINE NO. **4**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW	NO VIB	TAPE RL. NO.	REMARKS
933	PULSE TEST 1	6 SEC			205	RECORDER SET UP BETWEEN STA. 568 & 69
934	EINT 2	" "				
935	DRD 4	" "				
936	SUM TEST 2	" "				
937	NRS TEST 2	" "				
890	Singularities 1	31 SEC		5		50%
019	Wind Strip 1	6 SEC				CHECKING LINE
020	82	1-74 90-112	5			70% 1-96 CORRELATION MADE ON FILE #020
021	86	1-78 94-112	5			
022	90	1-82 98-112	5			
023	94	1-86 102-112	5			
024	98	1-90 106-112	5		205	EOF #024 ON REEL #205. B.O.F #025 (wind strip) ON REEL #206
026	102	1-94 100-112	5		206	FILE #900-10 SEC ALL ONE'S
027	104	1-96	5			
028	106	3-98	7			
029	108	5-100	9			
030	110	7-102	11			
031	112	9-104	13			
032	114	11-106	15			
033	116	13-108	17			RAW SWEEP MADE ON FILE #033
034	118	15-110	19			
035	120	17-112	21			
036	122	19-114	23			
037	124	21-116	25			
038	126	23-118	27		206	EOF #038 ON REEL #206. B.O.F #039 ON REEL #207. FILE #900-10 SEC. ALL ONE'S

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: \_\_\_\_\_ TYPE GEOPHONE: **ETL-FV22B** FREQUENCY: **25 Hz** STATION INTERVAL: **220'** LINE DIR: **E → EN**

REMARKS: \_\_\_\_\_ OBSERVER/TO: **SIMMONS/KRAMER** PARTY MGR.: \_\_\_\_\_

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA WINE #4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-18-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Clear &amp; Cool</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60~	
1 933	PULSE	1 - 6 SEC				735	Out	IN	RECORDED SET UP BETWEEN STA'S 518 & 519
2 934	ETNI	2 - " "							BOT. # 735. FILE # 900-10 SEC. ALL ONE'S.
3 935	DRD	4 - " "							Sta # 467 Open Due to BRIDGE
4 936	SIN TEST	2 - " "							" 508 " " " STORE & PARKING LOT
5 937	NRT TEST	2 - " "							Noise On Sta's 514-538 Due to logging OPERATIONS
6 938	SIMILARITY	1 - 22 SEC		4					50%
7 039	WIND STRIP	1 - 6 SEC							CHECKING LINE
8 040	546	447 - 542	1						70% 1-96 CORRELATION MADE ON FILE # 040
9 041	548	449 - 544	3						
10 042	550	451 - 546	5						
11 043	552	453 - 548	7						30% <del>UP # 552</del> UP # 552 STACKED ON FIRST HALF
12 044	554	455 - 550	9						UP # 554 SKIPPED DUE TO HOUSE
13 045	556	457 - 552	11						30% UP # 556 STACKED ON LAST HALF
14 046	558	459 - 554	13			735			70% EOT # 735
15 047	560	461 - 556	15			736			" BOT. # 736. FILE # 900-10 SEC. ALL ONE'S
16 048	562	463 - 558	17						"
17 049	564	465 - 560	19						"
18 050	566	467 - 562	21						"
19 051	568	469 - 564	23						"
20 052	570	471 - 566	25						"
21 053	572	473 - 568	27						30% UP'S 574 & 576 SWEEP IN A 3 ARRAY (75' SPACING BETWEEN VIB.
22 054	574	475 - 570	29			736			70% 25' MOVE UP, STARTING 75' BEHIND UP) AS PER DR. KAUFMAN REQUEST. EOT. 736
23 055	576	477 - 572	31			737			" BOT. # 737 FILE # 900-10 SEC. ALL ONE'S. FILE # 054 WIND STRIP.
24 056	578	479 - 574	33						30% 3 ROW SWEEPS (1 FOR DR. KAUFMAN, 2 1-18 # 46 FOR GUILTY CONTROL) MADE ON FILE # 056
25	SKIP	481 - 574	33						

Dipacient Array

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC		SWEEP PATTERN 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 1122.33 x 3.32211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-7110'S 1-4900	TYPE GEOPHONE ETK - EV220	FREQUENCY 2.5 Hz.	STATION INTERVAL 220'
REMARKS 4ms. SAMPLE RATE 42 SEC. RECORD LENGTH.			OBSERVER SIMMONS	PARTY MOR. NE. → SW.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT	COCORP	AREA	GEORGIA WINE #14	STATE	GA.	COUNTY	Oglethorpe	DATE	12-18-99
CREW NO.	6834	TERRAIN	Hills	WEATHER	CLEAR & Cool			LINE NO.	4

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1	SKIP	580	481 - 576	35	4	737	OUT	TN	STATION 578 - 590 CABLES ONLY DUE PROBLEM REACHING OWNER, WILL NOT VIB. THOSE STA'S
2	SKIP	582	483 - 578	37					
3	SKIP	584	485 - 580	39					
4	SKIP	586	487 - 582	41					
5	SKIP	588	489 - 584	43					
6	SKIP	590	491 - 586	45					
7	057	591	492 - 587	46					30%
8	058	592	493 - 588	47					30% RECORDER MOVE
9	059	594	495 - 590	49					30% RECORDER SET UP BETWEEN STA'S 531 & 532
10	060	596	497 - 592	39					70%
11	061	598	499 - 594	41					"
12	062	600	501 - 596	43		737			" E.O.I. # 737
13	063	602	503 - 598	45		738			" B.O.I. # 738 FILE # 901-10 SEC. ALL ONES
14	064	604	505 - 600	47					"
15	065	606	507 - 602	49					"
16									
17									FINISHED FOR THE DAY
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	
8-40 Hz / 22 SEC	535 SOURCE ARRAY	16	1	112233X332211	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
24	96	3-4100'S 1-4000	ETH-ENV22B	25 Hz	220'
REMARKS	4ms SAMPLE RATE 4/2 SEC RECORD LENGTH		OBSERVER	PARTY MGR.	
			SIMMONS		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>C.O.C.O.R.P.</b>	AREA <b>GEORGIA WINE # 4</b>	STATE <b>GA.</b>	COUNTY <b>GLENN</b>	DATE <b>12-19-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR &amp; COOL</b>		LINE NO. <b>4</b>

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 ~	
1 933	PULSE	1 - 6 SEC		4		738	Out	LN	RECORDER SET UP BETWEEN STA. 579 & 580
2 934	EIN	2 - " "							R
3 935	DRD	4 - " "							
4 936	Sum Test	2 - " "							
5 937	NRJ Test	2 - " "							
6 938	Similarity	1 - 22.5 SEC		4					50%
7 066	Wind Strip	1 - 6 SEC							Checking line
8 067	608	509 - 604	2						30%
9 068	610	511 - 606	4						70%
10 069	612	513 - 608	6			738			LOT. 738
11 070	614	515 - 610	8			739			BOT. 739. FILE # 900-10 SEC. ALL ONE'S
12									
13									
14									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 <b>8-40 Hz / 22 SEC.</b>		SWEEP PATTERN <b>525 SOURCE ARRAY</b>		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP <b>1</b>		PATCH PATTERN <b>112233X332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>98</b>	TYPE VIBRATOR <b>3-400'S 1-400</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS <b>4ms Sample Rate 42 SEC. Record Length.</b>			OBSERVER <b>SUNMAN'S</b>	PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>GEORGIA WINE #4</b>	STATE <b>GA.</b>	COUNTY <b>OGLETHORPE</b>	DATE <b>12-20-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR &amp; COOL</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	SO ~	REVERSE	
1 933	PULSE	1 - 6 SEC.				739	Out	IN		RECORDER SET UP BETWEEN STA 5588 & 5589
<del>934</del>	<del>EINT</del>	<del>2 - " "</del>				↑	↑	↑		
<del>935</del>	<del>DRD</del>	<del>4 - " "</del>								
<del>936</del>	<del>SUM TEST</del>	<del>2 - " "</del>								
<del>937</del>	<del>NRT TEST</del>	<del>2 - " "</del>								
6 938	Simi.arity	1 - 22 SEC.		4					50%	
7 071	Wind Strip	1 - 6 SEC.		↑						CHECKING WIND
8 072	616	517 - 616	1						70%	1-96 CORRELATION MADE ON FILE # 072
9 073	618	519 - 614	3						"	FILE # 072 - 43 SEC. RECORD
10 074	620	521 - 616	3						"	
11 075	622	523 - 618	7			↓			"	
12 076	624	525 - 620	9			739			"	E.O.T. # 739
13 077	626	527 - 622	11			740			"	B.O.T. # 740. FILE # 900-10 SEC ALL ONE'S
14 078	628	529 - 624	13			↑			"	
15 079	630	531 - 626	15						"	
16 080	632	533 - 628	17						"	
17 081	634	535 - 630	19						"	1 RAW SWEEP MADE ON FILE 081
18 082	636	537 - 632	21						"	VIB # 16344 DOWN DUE TO BLOWN OIL BASKET, STANDING BY
19 083	638	539 - 634	23			↓			"	
20 084	640	541 - 636	25			740			"	E.O.T. # 740. RUNNING CABLE WITH REVERSE PAIR
21 086	642	543 - 638	27			741			"	B.O.T. # 741. FILE # 900-10 SEC ALL ONE'S. FILE # 085 WIND STRIP
22 087	644	545 - 640	29						"	
23 088	646	547 - 642	31						"	FINISHED FOR THE DAY
24	<del>RECORDING</del>									
25	<del>RECORDING</del>									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40HZ/22SEC.		SWEEP PATTERN 525 SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x352211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-400'S 1-480	TYPE GEOPHONE ETN EV223	FREQUENCY 25HZ	STATION INTERVAL 220'
REMARKS 4ms SAMPLE RATE 42 SEC. RECORD LENGTH			OBSERVER SIMMONS	PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP.</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GA</b>	COUNTY <b>Apethorpe</b>	DATE <b>12-21-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast - Cool</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDF SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	80 ~	
1	933 Pulse	1 - 6 Sec.				741	Out	IN	RECORDER SET UP BETWEEN STA'S 619 & 620
2	ETNT	2 - " "							
3	DRD	4 - " "							
4	Sum Test	2 - " "							
5	NRT Test	2 - " "							
6	932 Similarity	1 - 279 Sec.		4					50%
7	089 Wind Strip	1 - 6 Sec.							70% Checking Wind
8	090 648	549 - 644	2						" 1-9% Correlation Made on File #15 090-093.
9	091 650	551 - 646	4						" UP'S 650+652 Test Source Array (660-3/1) AS PER
10	092 652	553 - 648	6			741			" Dr. KAYMAN'S REQUEST. E.O.T. #741
11	093 654	555 - 650	8			742			" BOT #742. FILE #900-10 sec ALL ONE'S
12	SKIP 656	557 - 652	10						
13	SKIP 658	559 - 654	12						
14	SKIP 660	561 - 656	14						VP'S 656 - 664 SKIPPED DUE TO HOUSE & CHICKEN COUPS.
15	SKIP 662	563 - 658	16						
16	SKIP 664	565 - 660	18						
17	094 666	567 - 662	20						70%
18	095 668	569 - 664	22						"
19	096 670	571 - 666	24						30% UP #670 STACKED ON FIRST HALF
20	SKIP 672	573 - 668	26						VP #672 SKIPPED DUE TO HOUSE
21	097 674	575 - 670	28						30%
22	098 676	577 - 672	30						30% 3 Raw Sweeps (For Dr. Kayman 2 sec #1000) MADE ON FILE #098
23	SKIP 678	579 - 674	32	Y			Y	Y	UP #678 SKIPPED DUE TO TRAILER
24						742			E.O.T. #742. FILE #099 Wind Strip
25									FINISHED FOR THE DAY. PICKING UP LINE FOR CHRISTMAS HOLIDAY.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY <b>8-40 Hz / 22 sec.</b>	SWEEP PATTERN <b>525' Source Array</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233x332211</b>
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100'S 1-4900</b>	TYPE GEOPHONE <b>5TL - EV223</b>	FREQUENCY <b>25 Hz.</b>
REMARKS <b>4ms Sample Rate 4.2 sec Record Length.</b>	OBSERVER <b>Simmons</b>	PARTY MGR.	STATION INTERVAL <b>220'</b>	LINE DIR. 1 TO 24 <b>NE. → SW</b>

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE # 4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-15-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR-COLD</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	F I L T E R			RE MARKS
						LOCUT	60 ~	80 ~	
1 081	240	137 - 232	37	5	210	Out	Out	70%	
2 082	242	139 - 234	39						
3 083	244	141 - 236	41						
4 084	246	143 - 238	43						
5 SKIP	248	145 - 240	45						
6 SKIP	250	147 - 242	47						RECORDER MOVE
7 SKIP	252	149 - 244							RECORDER SET UP BETWEEN STA'S 228 & 229
8 SKIP	254	151 - 246							VP'S 246 to 260 SKIPPED DUE TO TOWN OF JACKSONS
9 SKIP	256	153 - 248							CROSS ROADS
10 SKIP	258	155 - 250							
11 SKIP	260	157 - 252							
12 084	262	159 - 254	3						1-96 CORRELATION MADE ON FILE # 084
13 085	264	161 - 256	5						RAW SWEEP MADE ON FILE # 085
14 086	266	163 - 258	7						
15 087	268	165 - 260	9						VP # 268 STACKED ON FIRST HALF
16 SKIP	270	167 - 262	11						VP # 270 SKIPPED DUE TO HOUSE
17 088	272	169 - 264	13						
18 089	274	171 - 266	15		210				E.O.F. # 089 ON REEL # 210
19									
20				5:45					FINISHED FOR THE DAY
21									
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-41100 1-4900</b>	TYPE GEOPHONE <b>ET6-EV228</b>	FREQUENCY <b>2.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER TO <b>Simmons/Kanner</b>		PARTY MGR.		