

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE #8	STATE GA.	COUNTY EMANUEL & JENKINS	DATE 4-22-80
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933	PULSE				866	Out	IN		RECORDER SET UP BETWEEN STA'S 784-79
2	934+935	EINI								WILL START PULLING SPREAD.
3	936+939	DRD								
4	953+954	SUMM TEST								
5	960+961	NRT TEST								STA#104 OPEN DUE TO HWY.
6	932	SIMILARITY		5		866			50%	E.O.L. #866
7	001	WIND STRIP				867				BOT. #867. FILE #900-10 SEC. ALL ONE'S. CHECKING LINE
8	SKIP	100								
9	SKIP	102								VP'S 100-104 SKIPPED DUE TO HOUSES
10	SKIP	104								
11	002	106							30%	1-96 CORRELATION MADE ON FILE #002.
12	003	108							30%	
13	SKIP	110								VP# 110 SKIPPED DUE TO HOUSE
14	004	112							30%	VP# 112 STACKED ON LAST HALF
15	005	114							30%	REDUCING DRIVE TO 30% (20% DRIVE DAMAGING ROAD)
16		116								<u>Down.</u> 30% Still putting RAPPERS IN ROAD
17		118								
18		120								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz 122 SEC.		SWEEP PATTERN 575' SOURCE DRIVE		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x352211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100'S 1-0900	TYPE GEOPHONE ETB-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS 4ms. Sample Rate 42 sec. RECORD length			OBSERVER SMITHS		PARTY MGR.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE # 8	STATE GA.	COUNTY Jenkins	DATE 4-23-80
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear & Hot		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1 933	PULSE	1 — 6 SEC.				867	Out	IN		RECORDER SET UP BETWEEN STA.'S 28-29
934 935	EINI	2 — " "								Picking up ORIGINAL WINE #8 (PAVEMENT) AND
936 939	DRD	4 — " "								Laying Out ON NEW WINE #8 (DIRT)
933 934	SUM TEST	2 — " "								
935 936	NRT TEST	2 — " "								
6 932	SIMILARITY	1 — 22 SEC.		5		867			50%	E.O.I. #867
7 001	WIND STRIP	1 — 6 SEC.				868				30% I.B.T. #868. FILE #900-10 SEC. ALL ONE'S. CHECKING LINE
8	SKIP	1	5 — 100	—					—	V.P. #1 SKIPPED DUE TO HOUSE
9 002	3	7 — 102	1	5					30%	1-96 CORRELATION MADE ON FILE #002.
10 003	5	9 — 104	3	4					80%	
11 004	7	11 — 106	5	4					80%	
12 005	9	13 — 108	7	5					80%	
13 006	11	15 — 110	9						80%	
14 007	13	17 — 112	11						80%	
15 008	15	19 — 114	13						80%	
16 009	17	21 — 116	15			868			80%	E.O.I. #868
17 010	19	23 — 118	17	5		869			30%	I.B.T. #869. FILE #900-10 SEC. ALL ONE'S.
18 011	21	25 — 120	19	4					80%	VIB #14256 DOWN DUE TO BAD LIFT CYLINDER.
19 012	23	27 — 122	21						30%	V.P. #33 STACKED ON FIRST HALF
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 8-40 Hz / 22 SEC.		SWEEP PATTERN 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-9100'S 1-9900	TYPE GEOPHONE ETL - E122B	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS 4ms. SAMPLE RATE			OBSERVER SIMMONS		PARTY MGR.
REMARKS 4 1/2 SEC RECORD LENGTH					

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

CLIENT COCORP	AREA GEORGIA LINE # 8	STATE GA.	COUNTY JENKINS	DATE 4-24-80
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR & WARM		LINE NO. 8

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.				869	Out	IN	RECORDER SET UP BETWEEN STA.'S 101 & 102
2 934	EINI	2 — " "							STA.'S 123-126 OPEN DUE TO CONSTRUCTION
3 935	DRD	4 — " "							WORD ON BRIDGE. STA. #14 OPEN DUE TO HWY #121
4 936	SUM TEST	2 — " "							NOISE ON STA.'S 120-130 DUE TO CONSTRUCTION.
5 937	NRT TEST	2 — " "							" " " " " " Hwy # 23
6 938	SIMILARITY	1 — 22 SEC.		5					50%
7 013	WIND STRIP	1 — 6 SEC.							Checking WINE
8 014	25	29 — 124	240						30% 1-96 CORR. MADE ON FILE #014. V.P. #25 STACKED ON LAST HALF.
9 015	27	31 — 126	2	5					80%
10 016	29	33 — 128	4	4		869			80% E.O.T. #869
11 017	31	35 — 130	6			870			80% B.O.T. #870. FILE #900-10 SEC. ALLOWS
12 018	33	37 — 132	8						80%
13 019	35	39 — 134	10						80%
14 020	37	41 — 136	12						30% V.P. #37 STACKED ON FIRST HALF
15 SKIP	39	43 — 138	14						V.P. #39 SKIPPED DUE TO HOUSE.
16 021	41	45 — 140	16						30% V.P. #41 STACKED ON LAST HALF
17 SKIP	43	47 — 142	18						V.P. #43 SKIPPED DUE TO HOUSE
18 022	45	49 — 144	20						30% V.P. #45 STACKED ON LAST HALF
19 023	47	51 — 146	22						30% V.P. #47 STACKED ON FIRST HALF.
20 SKIP	49	53 — 148	24						V.P. #49 & 51 SKIPPED DUE TO HOUSES
21 SKIP	51	55 — 150	26						3 RAW SWEEPS (FOR DR. KAUFMAN, 21-49% CORR. DUTY CONTROL) MADE ON FILE #024
22 024	53	57 — 152	28			870			30% V.P. #53 STACKED ON LAST HALF. E.O.T. #870
23 026	55	59 — 154	30			871			80% B.O.T. #871. FILE #900-10 SEC. ALLOWS. FILE #025 - WIND STRIP.
24 027	57	61 — 156	32						80%
25 028	59	63 — 158	34						80%

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 112233x332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100' 1-4900'	TYPE GEOPHONE ETK - EV22	FREQUENCY 2.5 Hz	STATION INTERVAL 330'
REMARKS 4.5 SAMPLE RATE 4/2 SEC. RECORD LENGTH			OBSERVER SUMMONS	PARTY MGR.	

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DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE #8	STATE GA.	COUNTY JENKINS	DATE 4-24-80
CREW NO. 6834	TERRAIN HILLU	WEATHER CLEAR & WARM		LINE NO. 8

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~	80%	
1	029	61	65 - 160	36	5	871	OUT	IN	80%	
2	030	63	67 - 162	38		↑			80%	
3	031	65	69 - 164	40		↑			80%	
4	032	67	71 - 166	42		↑			80%	
5	033	69	73 - 168	44		871			90%	EOT #871
6										
7										FINISHED FOR THE DAY
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 8-40HZ/22SEC.		SWEEP PATTERN 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233 x 332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100'S 1-4900	TYPE GEOPHONE ETG-EV22B	FREQUENCY 75HZ	STATION INTERVAL 330'
REMARKS 4ms. SAMPLE RATE			OBSERVER SIMMONS		LINE DIR. NE → SW
PARTY MGR.					

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE #8	STATE GA.	COUNTY JENKINS	DATE 4-25-80
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80~	50~	
1	935	PULSE 1 - 6 SEC				872	Out	IN		RECORDER SET UP BETWEEN STA'S 146 & 147
2	936	EIM 2 - " "								STA'S 123-126 OPEN DUE TO BRIDGE CONSTRUCTION
3	937	DRD 4 - " "								STA. # 141 OPEN DUE TO HWY #121!
4	938	SUM TEST 2 - " "								BOT. # 872. FILE # 900-10 SEC. ALL ONE'S
5	939	NRT TEST 2 - " "								
6	932	Simi wait 1 - 22 SEC		5					50%	
7	034	Wind Strip 1 - 6 SEC								CHECKING LINE
8	035	71 75 - 170	1						80%	1-96 CORRELATION MADE ON FILE # 035
9	036	72 76 - 171	2						80%	
10	037	73 77 - 172	3						80%	
11	038	74 78 - 173	4						80%	
12	039	75 79 - 174	5						80%	
13	040	76 80 - 175	6			872			80%	E.O.T. # 872
14	041	77 81 - 176	7			873			80%	BOT. # 873. FILE # 900-10 SEC. ALL ONE'S
15	042	78 82 - 177	8						80%	
16	043	79 83 - 178	9						30%	
17	044	80 84 - 179	10						30%	U.P. # 80 STACKED ON FIRST HALF
18	Skip	81 85 - 180	11						-	U.P. 81 SKIPPED DUE TO HOUSE.
19	045	83 87 - 182	13						30%	U.P. # 83 STACKED ON LAST HALF
20	046	84 88 - 183	14						30%	
21	047	85 89 - 184	15						80%	
22	048	86 90 - 185	16			873			30%	E.O.T. # 873. FILE # 048. 1 CDP POS. OUT (WAS IN POS # 17 SHOULD HAVE BEEN POS # 16)
23	050	87 91 - 186	17			874			30%	BOT. # 874. FILE # 900-10 SEC. ALL ONE'S. FILE 049 - WIND STRIP
24	Skip	89 93 - 188	19						-	
25	Skip	91 95 - 190	21						-	

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 112233 x 332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 24-9100	TYPE GEOPHONE KTB-EV22	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4ms. SAMPLE RATE 42 SEC. RECORD LENGTH			OBSERVER SIMMONS		PARTY MGR.

**OBSERVER'S REPORT
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CLIENT COCORP	AREA GEORGIA LINE #8	STATE GA.	COUNTY Jenkins	DATE 4-25-80
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear	LINE NO. 8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	75 ~	
1	Skip	97 - 192	23	5		874	Out	IN		} V.P.'s 89-106 SKIPPED DUE TO PAVED ROAD & HOUSES
2	Skip	99 - 194	25							
3	Skip	101 - 196	27							
4	Skip	103 - 198	29							
5	Skip	105 - 200	31							
6	Skip	107 - 202	33							
7	051	109 - 204	35					30%	V.P. #102 STACKED ON LAST HALF.	} V.P.'s 107 & 109 SKIPPED DUE TO HOUSES.
8	Skip	111 - 206	37							
9	Skip	113 - 208	39							} V.P. #112 STACKED ON FIRST HALF
10	052	115 - 210	41					30%		
11	053	117 - 212	43					80%		
12	054	119 - 214	45					80%		} V.P. #112 STACKED ON FIRST HALF
13	055	121 - 216	47					30%		
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 8-40 Hz / 22 SEC.		SWEEP PATTERN 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100'S 1-7900	TYPE GEOPHONE ETB-EV22	FREQUENCY 25 Hz.	STATION INTERVAL 330'
REMARKS 4 ms. SAMPLE RATE 4 1/2 SEC. RECORD LENGTH			OBSERVER Simmons	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA Georgia Line # 8	STATE GA.	COUNTY Jenkins	DATE 4-26-80
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	700 ~	
1 933	PULSE	1 — 6 SEC.				874	OUT	IN		RECORDER SET UP BETWEEN STA.'S 202-203
934 935	LINE	2 — " "								STA. # 141 OPEN DUE TO HWY # 121.
936-939	DRD	4 — " "								
943 954	Sum Test	2 — " "								
940 961	NRJ Test	2 — " "								
6 933	Similarity	1 — 22"		5		874			50%	E.O.T. # 874
7 056	Wind Strip	1 — 6"				875				B.O.T. # 875 FILE # 900-10 SEC. ALL ONE'S
8	SKIP	119	123 - 218	—					—	
9	SKIP	121	125 - 220	—					—	U.P.'S 119-125 SKIPPED DUE TO TRAFFIC.
10	SKIP	123	127 - 222	—					—	
11	SKIP	125	129 - 224	—					—	
12 057		127	131 - 226	1					80%	1-96 CORRELATION MADE ON FILE # 057
13 058		129	133 - 228	5					80%	
14 059		131	135 - 230	5					80%	
15 060		133	137 - 232	7					80%	WIND PICKING UP
16 061		135	139 - 234	9					80%	
17 062		137	141 - 236	11					80%	
18 063		139	143 - 238	13					80%	
19 064		141	145 - 240	15		875			80%	E.O.T. # 875
20 065		143	147 - 242	17		876			80%	B.O.T. # 876 FILE # 900-10 SEC. ALL ONE'S.
21 066		145	149 - 244	19					80%	RAW SWEEP MADE ON FILE # 066
22 067		147	151 - 246	21					80%	
23 068		149	153 - 248	23					30%	U.P. # 149 STACKED ON LAST HALF.
24 069		151	155 - 250	25					80%	
25 070		153	157 - 252	27					80%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40Hz / 22 SEC.		SWEEP PATTERN 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR 4-91100'S	
REMARKS 4 MS. SAMPLE RATE		TYPE GEOPHONE ETH-122B		FREQUENCY 7.5 Hz	
42 SEC. RECORD LENGTH		STATION INTERVAL 350'		LINE DIR. NE -> SW	
OBSERVER Simmons			PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA WINE #8	STATE GA	COUNTY JENKINS	DATE 4-26-80
CREW NO. 6834	TERRAIN	WEATHER Overcast		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	155	159-254	29	5		876	Out	IN	30%	UP#155 Stacked on first half. E.O.I # 876
2	Skip 157	161-256	31							V.P # 157 SKIPPED Due to house
3										
4										
5										FINISHED FOR THE DAY
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
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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 8-40 Hz / 22 sec		SWEEP PATTERN 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112255 x 552211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-01100'S 1-4900	TYPE GEOPHONE ETL-ET22B	FREQUENCY 25 Hz	STATION INTERVAL 350'
REMARKS 4ms SAMPLE RATE 42 SEC. RECORD LENGTH			OBSERVER Simmons	LINE DIR. NE -> SW	
			PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE # 8	STATE GA	COUNTY JENKINS	DATE 4-28-80
CREW NO. 6834	TERRAIN Hills	WEATHER CLEAR - WINDY	LINE NO. 8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	120 ~	
1 933	PULSE	1 - 6 SEC				877	Out	IN		301. 877. FILE # 900-10 SEC. ALL ONE'S RECORDER SET UP BETWEEN STA.'S 225 & 226
284 4935	EINT	2 - " "								WILL BE VIB. THRU SPREAD TO BULD STACK ON FAR STA. DUE TO LINE SHIFT.
386 939	DRD	4 - " "								
453 4954	Sum Test	2 - " "								
460 4961	NRT Test	2 - " "								
6 933	Similarity	1 - 22 SEC		5					50%	
7 072	Wind Strip	1 - 6 SEC.								Checking line 154-167X
8 073	180	154-176 X 184-256	1						80%	1-96 CORR. MADE ON FILE # 073. Split off on VP # 180 (was 180)
9 074	184	154-180 X 188-256	1						80%	175-256 should have been 154-176 X 184-256)
10 075	188	154-184 X 192-256	1						80%	
11 076	192	154-188 X 196-256	1						80%	
12 077	196	154-192 X 200-256	1						80%	
13 078	200	154-196 X 204-256	1			877			50%	VP # 200 STACKED ON LAST HALF. E.O.T. # 877
14 079	204	154-200 X 208-256	1			878			30%	301. 878. FILE # 900-10 SEC. ALL ONE'S. VP # 204 STACKED ON LAST
15 080	208	154-204 X 212-256	1						30%	HALF. VP # 208 STACKED ON LAST HALF.
16 081	245	154-241 X 249-256	1						30%	VP # 245 STACKED ON FIRST HALF.
17 082	246	154-242 X 250-256	1						30%	" 246 " " last "
18 083	247	154-243 X 251-256	1						30%	" 247 " " first half.
19 084	248	154-244 X 252-256	1						30%	" 248 " " last half.
20 085	249	154-245 X 253-256	1	5					30%	
21 086	250	154-246 X 254-256	1	4		878			80%	RAW SWEEP MADE ON FILE # 086. E.O.T. # 878
22 088	251	154-247 X 255-256	1	5		879			80%	301. 879. FILE # 900-10 SEC. ALL ONE'S. FILE # 087 - WIND STRIP
23 089	252	154-248 X 256	1						80%	
24 090	253	154 - 249	1						80%	
25 091	254	155 - 250	2						80%	

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 112233 X 332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100'S 1-4900	TYPE GEOPHONE 5TB-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4 hrs SAMPLE RATE 4 SEC. RECORD LENGTH			OBSERVER Simmons	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA WINE #8	STATE GA.	COUNTY Jenkins	DATE 4-28-80
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR - Windy		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	ESP	
1	092	255	156-251	3	5	879	Out	TN	30%	
2	093	256	157-252	4		879			30%	LOT #879 VP #256 STACKED ON First half.
3										
4										FINISHED FOR THE DAY
5										
6										Picking up WINE to lay out on other
7										side of skip. (Offset)
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.
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SWEEP FREQUENCY 8-40Hz / 22 SEC.	SWEEP PATTERN 575' SOURCE ARRAY	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233x332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-4100'S 1-4900	TYPE GEOPHONE ETH-EV22	FREQUENCY ?5 Hz
STATION INTERVAL 330'		LINE DIR. 1 TO 24 N/E → SW		

REMARKS 4 hrs. Sample Rate 4/2 sec. Record Length	OBSERVER SIMMONS	PARTY MGR.
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**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE # 8	STATE GA.	COUNTY	DATE 4-29-80
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast & Windy		LINE NO. 8

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	80~	90~	
1	933	PULSE	1			880	Out	IN		B.O.I. #880. FILE #900-10 SEC. ALL ONE'S
2	934	LINI	2							RECORDER SET UP BETWEEN STA.'S 357 & 358
3	936	DRD	4							STA.'S 361, 362, 363 OPEN DUE TO CABLE ONLY PERMIT.
4	937	Sum Test	2							WILL START PUSHING WINE 8 AFTER SKIP.
5	938	NRS Test	2							WILL RE VIB. EVERY 3 RD STA. AS PER. DR. KAUFMAN'S
6	932	Similarity	1						50%	INSTRUCTIONS. WIND INCREASING.
7	094	Wind Strip	1							CHECKING WINE
8	095	285	289	4	4				50%	1-96 CORRELATION MADE ON FILE #095
9	096	288	292	7					30%	UP #288 STACKED ON FIRST HALF
10	097	291	295	10					30%	
11	098	292 FOR 294	296	11					30%	
12	Skip	294	298	13						UP # SKIPPED DUE TO HOUSE 9.
13	Skip	297	301	16						
14	099	298 FOR 297	302	17					30%	
15	100	300	304	19		880			80%	E.O.I. #880.
16	101	303	307	22	4	881			80%	B.O.I. #881. FILE #900-10 SEC. ALL ONE'S
17	102	306	310	25	5				30%	
18	103	309	313	28					80%	3 RD SWEEPS (1 FOR DR. KAUFMAN, 2 FOR QUALITY CONTROL) MADE ON FILE #103
19	104	311 FOR 312	315	30					30%	
20	Skip	312	316	31						UP #312 SKIPPED DUE TO HOUSE.
21	105	315	319	34					80%	
22	106	318	322	37					30%	UP #318 STACKED ON THE FIRST HALF.
23	107	321	325	40					30%	UP #321 " " " " WAST "
24	108	324	328	43		881			30%	E.O.I. #881 UP 324 " " " " " "
25	110	327	331	46		882			30%	B.O.I. #882. FILE #900-10 SEC. ALL ONE'S. FILE #109 - Wind Strip

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 112233x352211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 / 1-5900	TYPE GEOPHONE ETH-EV22	FREQUENCY 2.5 Hz	STATION INTERVAL 330
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 COCORP	AREA Georgia Line # 8	STATE GA.	COUNTY	DATE 4-29-80
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast & Windy	LINE NO. 8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	80 ~	AMP	
1	Skip 330	334-429	49			882	Out	IN	-	VP # 330 Skipped Due to house
2	111 331 For 330	335-430	50							
3										
4										FINISHED FOR THE DAY
5										
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 8-40 Hz. 12.2 SEC.	SWEEP PATTERN 575' SOURCE ARRAY	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233 x 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-91100'S 1-4900	TYPE GEOPHONE ETG-5722B	FREQUENCY ?5 Hz.	STATION INTERVAL 330'
REMARKS 4ms. SAMPLE RATE. 42 SEC. RECORD LENGTH.	OBSERVER SIMMONS	PARTY MGR.	LINE DIR. 1 TO 24 NW → SE.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE #8	STATE GA.	COUNTY Bulloch	DATE 4-30-80
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR & WINDY		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	% Drive	
1 933	PULSE	1 - 6 SEC.				882	Out	IN		RECORDER SET UP BETWEEN STA'S 408 & 409
2 934	EINT	2 - " "								STA'S 361-363 OPEN DUE TO CABLE ONLY PERMIT
3 936-939	DRD	4 - " "								
4 953+954	Sum Test	2 - " "								
5 960+961	NRT Test	2 - " "								
6 932	Similarity	1 - 22 SEC		5					50%	
7 112	Wind Strip	1 - 6 SEC								Checking LINE
8 113	333	337-432	1						30%	1-96 CORRELATION MADE ON FILE # 113
9 114	336	340-435	4						80%	
10 115	339	343-438	7						30%	
11 SKIP	342	346-441	10							U.P.# 342 SKIPPED DUE TO HOUSE
12 116	343 FOR 342	347-442	11			882			30%	U.P.# 343 STACKED ON LAST HALF. E.O.I.# 882
13 117	345	349-444	13			883			80%	301.# 883. FILE #900-10 SEC. ALL ONE'S.
14 118	348	352-447	16						30%	
15 SKIP	351	355-450	19							
16 119	352 FOR 351	356-451	20						30%	U.P.# 352, STACKED ON LAST HALF
17 120	354	358-453	22						30%	U.P.# 354 " " FIRST HALF
18 121	357	361-456	25						30%	" 357 " " LAST "
19 122	360	364-459	28						80%	
20 SKIP	363	367-462	31							U.P.# 363 SKIPPED DUE TO CROSS COUNTRY.
21 123	366	370-465	34						30%	U.P.# 366 STACKED ON LAST HALF
22 124	369	373-468	37			883			30%	" 369 " " " " E.O.I.# 883
23 126	372	376-471	40			884			30%	301.# 884. FILE #900-10 SEC. ALL ONE'S. FILE #125 WIND STRIP
24 127	375	379-474	43						80%	
25 128	377 FOR 378	381-476	45						30%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8-40 Hz / 22 SEC	SWEEP PATTERN 575' 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 4-4100'S 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz
STATION INTERVAL 330'		LINE DIR. 1 TO 24 N.W. → S.E.		

REMARKS 4ms SAMPLE RATE 42 SEC. RECORD LENGTH	OBSERVER SIMMONS	PARTY MGR.
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**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE #8	STATE GA	COUNTY Bulloch	DATE 4-30-80
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR-WINDY	LINE NO. 8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	50-50Hz	
1	SKIP 378	382-477	46	5		884	Out	IN	—	V.P.#378 SKIPPED DUE TO HOUSE.
2	129 381	385-480	49						80%	RECORDER MOVIE. STA.#489 OPEN DUE TO DRIVEWAY
3	130 382 For 384	386-481	27						30%	RECORDED SET UP BETWEEN STA'S #314432
4	SKIP 384	388-483	29						—	V.P.#384 SKIPPED DUE TO HOUSE
5	131 387	391-486	32						30%	V.P.#387 STACKED ON FIRST HALF
6	132 390	394-489	35						80%	
7	133 393	397-492	38			884			80%	E.O.T.#884
8	SKIP 396	400-495	41						—	V.P.#396 SKIPPED DUE TO HOUSES
9	SKIP 399	403-498	44						—	" 399 " " " "
10										
11										
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 8-40Hz / 2.2 SEC	SWEEP PATTERN 575' SOURCE ARRAY	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112235 x 352211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-9100'S 1-2000	TYPE GEOPHONE ETL-EV22	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
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 COCORP	AREA GEORGIA WINE # 8	STATE GA.	COUNTY Bulloch	DATE 5-1-80
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR	LINE NO. 8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1 933	PULSE	1 - 6 SEC				885	Out	IN		301 #885-FILE #900-10 SEC ALL ONE'S
2 935	FTNT	2 - " "								RECORDER SET UP BETWEEN STA. 472 & 473
3 937	DRD	4 - " "								STA #489 OPEN DUE TO DRIVEWAY
4 954	SUM TEST	2 - " "								NOISE ON STA. 490 → 526 DUE TO WISS TOOL
5 962	NRT TEST	2 - " "								FACTORY.
6 933	Similarity	1 - 22 SEC		5					50%	
7 134	Wind Strip	1 - 6 SEC								Checking WINE
8 135	402	406 - 501	6						30%	1-96 CORRELATION MADE ON FILE #135
9 136	405	409 - 504	9						30%	UP. 405 STACKED ON FIRST HALF.
10 137	408	412 - 507	12						30%	" 408 " " LAST "
11 138	411	415 - 510	15						80%	
12 139	414	418 - 513	18						80%	
13 140	417	421 - 516	21			885			80%	E.O.T. #885
14 141	420	424 - 519	24			886			80%	BOT. #886. FILE #900-10 SEC. ALL ONE'S
15 142	423	427 - 522	27						30%	RECORDER MOVE. UP. #423 STACKED ON LAST HALF.
16	SKIP 425								-	UP. #425 TO 516 SKIPPED DUE TO DAVED ROAD
17	SKIP 516								-	WILL SWITCH AROUND AND START PULLING SPREAD AT
18 143	520	421 - 516	3						30%	UP. #520 DUE TO BRIDGE. RECORDER SET UP BETWEEN
19 144	523	424 - 519	6						80%	STA. 490 & 491
20 145	526	427 - 522	9						80%	
21 146	529	430 - 525	12						80%	
22 147	532	433 - 528	15						30%	RAW SWEEP MADE ON FILE #147
23 148	534 FOR 535	435 - 530	17			886			30%	UP. #534 STACKED ON FIRST HALF. E.O.T. #886
24	SKIP 535	436 - 531	18			887			-	BOT. #887. FILE #900-10 SEC ALL ONE'S. FILE #149 WIND STRIP
25 150	538	439 - 534	21						30%	

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	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-41100'S 1-4800	
TYPE GEOPHONE ETW-FV22B		FREQUENCY 7.5 Hz		STATION INTERVAL 330'	
REMARKS 4ms SAMPLE RATE 42 SEC. RECORD LENGTH		OBSERVER Summons		PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT C.O.C.O.R.P.	AREA GEORGIA LINE # 8	STATE GA.	COUNTY Bulloch	DATE 5-1-80
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	80 ~	SEP	
1	541	442-537	24	5		887	Out	IN	30%	U.P. #541 STACKED ON LAST HALF
2	544	445-540	27						30%	" 544 " " " FIRST HALF.
3	546 FOR 547	447-542	29						30%	" 546 " " " "
4	SKIP 547	448-543	30						—	
5	550	451-546	33	5					80%	
6	553	454-549	36	4					80%	
7	556	457-552	39						80%	
8	559	460-555	42	4		887			80%	LOT #887
9	562	463-558	45	5		888			80%	BOT. #888. FILE #900-10 SEC. ALLOWE'S.
10	565	466-561	48						30%	U.P. #565 STACKED ON WAST HALF
11										
12										
13										FINISHED FOR THE DAY.
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 8-40 Hz / 22 SEC		SWEEP PATTERN 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233 x 332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-91100'S 1-9900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS 4ms SAMPLE RATE 42 SEC RECORD LENGTH			OBSERVER Simmon	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT CDCORP	AREA GEORGIA WINE #8	STATE GA.	COUNTY Bulloch	DATE 5-2-80
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	500	
1	933	PULSE				888	Out	IN		RECORDER SET UP BETWEEN STA.'S 539 - 540
2	935	ELNT								STA.'S 578 + 579 OPEN DUE TO INTERSECTION.
3	939	DRD								STA# 489 OPEN DUE TO DRIVE WAY
4	954	Sum Test								
5	961	NRI Test								
6	933	Similarity		5					50%	
7	160	Wind Strip								CHECKING WINE
8	161	568	469 - 564	2					80%	1-96 CORRELATION MADE ON FILE #161
9	162	571	472 - 567	5					80%	
10	163	573 For 574	474 - 569	7					30%	VP# 573 STACKED ON FIRST HALF.
11	Skip	574	475 - 570	8					—	VP'S 574 + 580 SKIPPED DUE TO HOUSES.
12	Skip	577	478 - 573	11					—	
13	Skip	580	481 - 576	14					—	
14	164	581 For 580	482 - 577	15		888			30%	E.O.T. #888
15	165	583	484 - 579	17		889			80%	B.O.T. #889. FILE #900-10 SEC. ALL ONE'S
16	166	586	487 - 582	20					80%	
17	167	589	490 - 585	23					80%	
18	168	592	493 - 588	26					80%	RAW SWEEP MADE ON FILE #168
19	169	595	496 - 591	29					80%	
20	170	598	499 - 594	32					80%	
21	171	600 For 601	501 - 596	34					30%	
22	Skip	601	502 - 597	35					—	VP# 601 SKIPPED DUE TO HOUSE
23	172	604	505 - 600	38		889			30%	E.O.T. #889
24	174	607	508 - 603	41		890			30%	B.O.T. 890 FILE #900-10 SEC. ALL ONE'S. FILE #173 - Wind Strip
25	175	610	511 - 606	44		890			30%	E.O.T. #890. FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 2.2 SEC.		SWEEP PATTERN 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233 x 332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 41-41100'S 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 75 Hz	STATION INTERVAL 330'
REMARKS 4ms. SAMPLE RATE 42 SEC RECORD LENGTH.			OBSERVER SIMMONS	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA WINE #8	STATE GA.	COUNTY Bulloch	DATE 5-10-80
CREW NO. 6834	TERRAIN HILLS	WEATHER CLEAR		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933	PULSE	1			904	Out	TN		RECORDER SET UP BETWEEN STA. #676 & 677
2	934	ELNT	2							STA'S #657 & 688 OPEN DUE TO BRIDGE
3	935	DRD	4							WAVING OUT WINE
4	936	SUM TEST	2							
5	937	NRT TEST	2							
6	938	SIMILARITY	1						50%	
7	176	WIND STRIP	1							Checking
8	177	600	604-699	240					30%	1-96 CORRELATION MADE ON FILE
9	178	603	607-702	3					30%	UP#603 STACKED ON FIRST HALF.
10	179	606	610-705	6					30%	" 608 " " WAST HALF.
11	180	609	613-708	9					80%	
12	181	612	616-711	12					30%	U.P.#612 STACKED ON FIRST HALF.
13	182	615	619-714	15					30%	
14	183	618	622-717	18		904			80%	E.O.I.#904
15	185	621	625-720	21		905			80%	B.O.T.#905 FILE#900-10 SEC ALL ONE'S FILE#184-WIND STRIP
16	186	624	628-723	24					80%	3 SWEEP SWEEPS (FOR DR KAW) MADE ON FILE#186
17	187	627	631-726	27					30%	U.P.#627 STACKED ON FIRST HALF
18	188	630	634-729	30					30%	" 630 " " WAST HALF.
19	189	633	637-732	33					30%	" 633 " " " "
20	190	635 FOR 636	639-734	35					30%	" 635 " " FIRST HALF
21	SKIP	636	640-735	36					—	U.P.#636 SKIPPED DUE TO HOUSE
22	SKIP	639	643-738	39					—	" 639 " " " "
23	SKIP	642	646-741	42					—	" 642 " " " "
24	191	640 FOR 639	644-739	40					30%	" 640 STACKED ON LAST HALF
25	192	641 FOR 642	645-740	41		905			30%	E.O.T.#905. FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN 575' SOURCE ARRAY	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233x332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-9100¹⁵ 1-4900	TYPE GEOPHONE ETW-EV22B	FREQUENCY 2.5 Hz
STATION INTERVAL 330'		LINE DIR. NW-SE		

REMARKS 4ms. SAMPLE RATE 42 SEC. RECORD LENGTH	OBSERVER SIMMONS	PARTY MGR.
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**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE # 8	STATE GA.	COUNTY Bulloch	DATE 5-12-80
CREW NO. 6834	TERRAIN 1	WEATHER CLEAR	LINE NO. 8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1	933	PULSE	1			906	Out	IN	301. #906. FILE #900-10 SEC. ALL ONE'S
2	934	ETNT	2						RECORDER SETUP BETWEEN STA.'S 220 & 221
3	936	DRD	4						
4	937	SUM TEST	2						
5	961	NRT TEST	2						
6	933	SIMILARITY	1						50%
7	193	WIND STRIP	1						CHECKING WINE
8	194	645	1						80% 1-96 CORRELATION MADE ON FILE #194
9	195	646	2						80%
10	196	647	3						80%
11	197	648	4						30% UP #648 STACKED ON FIRST HALF
12	198	651	7						30% " 651 " " WASTE "
13	199	652	8			906			30% EOT #906
14	200	653	9			907			80% BOT. 907. FILE #900-10 SEC ALL ONE'S.
15	201	654	10						30% FILE #200 off 1 CDP pos. (was in pos. 8 should have been in pos. 9)
16	202	655	11						30%
17	203	658	14	5					80%
18	204	659	15	4					80%
19	205	660	16	5					80%
20	206	661	17						80%
21	207	662	18			907			80% EOT #907
22	209	663	19			908			30% BOT. #908. FILE #900-10 SEC. ALL ONE'S. FILE #208-WIND STRIP
23	210	665	21						30% UP #665 STACKED ON LAST HALF.
24	211	666	22						50% RAW SWEEP MADE ON FILE #211
25	212	668	24						30% UP #668 STACKED ON LAST HALF.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN 575' SOURCE AREA	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233 x 332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100'S 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 2.5 Hz
REMARKS 4 MS. SAMPLE RATE		OBSERVER SIMMONS		PARTY MGR.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT CDCORP	AREA GEORGIA WINE #8	STATE GA.	COUNTY Bulloch	DATE 5-12-80
CREW NO. 6834	TERRAIN	WEATHER CLEAR		LINE NO. 8

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	672	676-677	28	2		908	Out	IN	30%	UP*672 STACKED ON LAST HALF
2	672	677-772	29							
3										
4										
5										FINISHED FOR THE DAY.
6										
7										
8										
9										
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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 575' SOURCE ARRAY		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100'S 1-400	TYPE GEOPHONE ETH-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 350'
REMARKS 4ms SAMPLE RATE 42 SEC RECORD LENGTH			OBSERVER SIMMONS	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA WINE # 8	STATE Ga.	COUNTY Bubbauch	DATE 5-13-80
CREW NO. 6834	TERRAIN	WEATHER CLEAR		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	50 ~	
1	935	PULSE	1			908	Out	TN		RECORDER SET UP BETWEEN STA'S 795 & 796
2	935	E. INT	2							
3	939	DRD	4							VP'S 672 - 719 SKIPPED DUE TO PAVEMENT
4	951	Sum Test	2							MOVING WINE UP.
5	961	NRT Test	2							
6	932	SIMILARITY	1							
7	215	Wind Strip	1	5		908				E.O.T. #908
8	216	720	224 - 819	1		909			80%	BOT. 909. FILE #900-10 SEC. ALL ONE'S. 1-96 MOD Out file 216
9	SKIP	723	727 - 822	4						VP #723 SKIPPED DUE TO HOUSE
10	217	725 For 723	729 - 824	6					30%	
11	SKIP	726	730 - 825	7						VP #726 SKIPPED DUE TO HOUSE
12	218	728 For 726	732 - 827	9					30%	
13	SKIP	729	733 - 828	10						VP #729 SKIPPED DUE TO HOUSE
14	219	731 For 729	735 - 830	12					30%	VP #731 STACKED ON LAST HALF
15	220	732	736 - 831	13					30%	
16	221	735	739 - 834	16					30%	
17	222	738	742 - 837	19					30%	
18	223	739 For 741	743 - 838	20		909			30%	VP #739 STACKED ON FIRST HALF. E.O.T. #909
19	SKIP	741	745 - 840	22						VP #741 SKIPPED DUE TO HOUSE
20	225	744	748 - 843	25		910			80%	BOT. #910. FILE #900-10 SEC. ALL ONE'S. FILE #224 - Wind Strip
21	226	747	751 - 846	28					80%	
22		749 For 750	753 - 848	30					50%	VP #749 STACKED ON FIRST HALF.
23	SKIP	750	754 - 849	31						VP #750 SKIPPED DUE TO HOUSE
24										
25										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 575 SOURCE AREA	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1122.35 x 352211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-41100'S 1-7900	TYPE GEOPHONE ETK - EV22B	FREQUENCY 2.5 Hz	STATION INTERVAL 350'
REMARKS 4ms SAMPLE RATE 4/2 SEC. RECORD LENGTH	OBSERVER SIMMONS	PARTY MGR.	LINE DIR. 1 TO 24 NW → SE		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA WINE # 8	STATE GA.	COUNTY Bulloch	DATE 5-14-80
CREW NO. 6834	TERRAIN	WEATHER CLEAR	LINE NO. 8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	HP	
1 933	PULSE	1 - 6 SEC				910	Out	IN		RECORDER SETUP BETWEEN STA.'S 828 & 829
434-935	EINI	2 - " "								
936-939	DRD	4 - " "								
953-954	Sum Test	2 - " "								
960-961	NRT Test	2 - " "								
6 933	Similarity	1 - 22 SEC		5					50%	
7 228	Wind Strip	1 - 6 SEC								CHECKING WINE
8 Skip	753	757 - 852	1							UP# 753 SKIPPED DUE TO HOUSE.
9 229	754 For 753	758 - 853	2						30%	1-96 CORRELATION MADE ON FILE # 229
10 230	756	760 - 855	4						30%	
11 231	759	763 - 858	7			910			50%	UP# 231 STACKED ON LAST HALF. EOT# 910
12 232	762	766 - 861	10			912			50%	BOT# 912. FILE # 911 Monthly Test. FILE # 900-10 SEC. ALL OWS.
13 233	765	769 - 864	13						80%	
14 234	768	772 - 867	16						80%	
15 235	771	775 - 870	19	5					80%	
16 236	774	778 - 873	22	4					80%	
17 237	777	781 - 876	25						80%	
18 238	780	784 - 879	28	4					80%	
19 239	783	787 - 882	31	2		912			50%	EOT# 912
20 Skip	786	790 - 885	34							BOT# 913. FILE # 900-10 SEC. ALL OWS. FILE # 240-Wind Strip
21 241	787 For 786	791 - 886	35			913			30%	
22 242	789	793 - 888	37						80%	RAW SWEEP MADE ON FILE # 242
23 243	792	796 - 891	40						30%	
24 244	795	799 - 894	43						80%	
25 245	797 For 801	801 - 896	45							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC		SWEEP PATTERN 525' SOURCE ARRIVAL		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-4100'S 1-4900	TYPE GEOPHONE ETW-E122	FREQUENCY 25 Hz.	STATION INTERVAL 350'
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 COCORP	AREA Georgia Line #8	STATE GA.	COUNTY Bulloch	DATE 5-14-80
CREW NO. 6834	TERRAIN	WEATHER Clear	LINE NO. 8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80 ~	AMP	
1	246	798	802-897	46		913	Out	IN	30%	
2	SKIP	801	805-900	49						RECORDER MOVE. UP. #801 SKIPPED DUE TO HOUSE
3	247	804	808-903	23					30%	RECORDER SETUP BETWEEN STA'S 857 & 858
4	SKIP	807	811-906	26						UP. #807 SKIPPED DUE TO HOUSES.
5	248	810	814-909	29		913			30%	FOT #913
6	249	813	817-912	32		914			30%	BOT. #914. FILE #900-10 SEC. ALL ONE'S
7	250	816	820-915	35					30%	
8	251	819	823-918	38					30%	
9	SKIP	822	826-921							UP. #822-828 SKIPPED DUE TO HOUSES.
10	SKIP	825	829-924							
11	SKIP	828	832-927							
12										
13										FINISHED FOR THE DAY
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 8-40 Hz / 22 SEC		SWEEP PATTERN 575' SOURCE ARRAY	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112235 x 332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100' L-7900	TYPE GEOPHONE EFT-LV22B	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS 4ms SAMPLE RATE 47 SEC. RECORD LENGTH.			OBSERVER SIMMONS	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA GEORGIA LINE # 8	STATE GA.	COUNTY Bulloch	DATE 5-26-80
CREW NO. 6834	TERRAIN COASTAL PLAINS	WEATHER CLEAR		LINE NO. 8

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	80 ~	% OFF	
1	933 PULSE	1 — 6 SEC.				914	Out	IN		RECORDER SET UP BETWEEN STA'S 892 & 898
2	934 EINI	2 — " "								SAVIERE LEAKAGE ON ENTIRE LINE DUE TO WEEKEND
3	936-939 DRD	4 — " "								RAIN & HEAVY OVERNIGHT RAINS. WILL TRY TO
4	934-935 Sum Test	2 — " "								REDUCE LEAKAGE TO ACCEPTABLE LEVEL. IF NOT, WILL
5	934-935 NRT Test	2 — " "								SHUT DOWN TO DRY OUT CABLES.
6	932 Similabitu	1 — 22 SEC.		5					50%	CHECKING LINE
7	252 WIND STRIP	1 — 6 SEC.								
8	831	832-930	10							
9										
10										DOWN DUE TO HEAVY GROUND CURRENT
11										AND WET WIND
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 8-40 Hz / 22 SEC.	SWEEP PATTERN 575' SOURCE ARRAY	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233x332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 441100'S 1-2000	TYPE GEOPHONE ETG-EV22	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS 4ms SAMPLE RATE 42 SEC RECORD LENGTH		OBSERVER SIMMONS		PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

CLIENT	COCORP	AREA	GEORGIA LINE #8	STATE	GA.	COUNTY	Bulloch	DATE	5-22-80
CREW NO.	6834	TERRAIN	COASTAL PLAINS	WEATHER	CLEAR	LINE NO.		8	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60~	60~	
1	933	PULSE	1			914	Out	IN		RECORDER SET UP BETWEEN STA. 15 897+898
2	935	EINT	2							ENTIRE WINE EXTREMELY WET. STRONG GROUND CURRENT
3	939	DRD	4							
4	942	SUM TEST	2							
5	946	NRT TEST	2							
6	933	SIMILARITY	1			914			50%	EOL #914
7	254	WIND STRIP	1			917				BOT #917. FILE #900-10 SEC. ALL ONE'S FILE #915 & 916. SPECIAL TEST'S
8	255	832 For 834	836 - 951	11	5				30%	1-96 CORRELATION MADE ON FILE #255
9	SKIP	834	838 - 933	13						U.P. #834 SKIPPED DUE TO HOUSE
10	256	837	841 - 936	16					80%	3 RAW SWEEPS (1 FOR DE KAT M.N., 2 FOR 44-96 FOR QUALITY CONTROL) MADE ON FILE #256
11	257	840	844 - 939	19					80%	
12	258	843	847 - 942	22					80%	
13	259	844 For 846	848 - 943	23					30%	
14	SKIP	846	850 - 945	25						U.P. #846 SKIPPED DUE TO HOUSE
15	260	849	853 - 948	28					30%	U.P. #849 STACKED ON FIRST HALF
16	261	852	856 - 951	31					30%	
17	262	855	859 - 954	34		917			80%	EOL #917
18	264	858	862 - 957	37		918			80%	BOT. #918. FILE #900-10 SEC. ALL ONE'S FILE 263 WIND STRIP
19	265	861	865 - 960	40					80%	
20	266	864	868 - 963	43					80%	
21	267	865	869 - 964	44					30%	
22										PICKING UP WINE #8 WAVING OUT ON WINE #9
23										
24										
25										EOL #8

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 112233x332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 14-41100'S 1-4200	TYPE GEOPHONE ATH-EV22B	FREQUENCY 75 Hz	STATION INTERVAL 330'
REMARKS 4ms. SAMPLE RATE 42 SEC. RECORD LENGTH			OBSERVER Summons	PARTY MGR.	