

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>COLUMBIA</i>	DATE <i>12-10-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road &amp; shoulder</i>	WEATHER <i>clear + wet</i>		LINE NO. <i>#2</i>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>			<i>Missed Sweeps</i>	<i>900</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET AT 72-73</i>
2	<i>FINT</i>	<i>2-11"</i>								<i>5 Vibs, 1st Vib 44' Behind FLAG, 20' move up</i>
3	<i>D.R.D</i>	<i>4-11"</i>								<i>50' spacing, 16sec sweep, 16 sweep, 32sec</i>
4	<i>sumtest</i>	<i>2-11"</i>								<i>Record Length.</i>
5	<i>N.R.T</i>	<i>2-11"</i>								<i>NOTE: STA #'s 6, 14, 20, 51, OPEN due to DRIVE</i>
6	<i>similarity</i>	<i>1-16sec</i>	<i>236</i>	<i>5</i>					<i>40%</i>	<i>WAYS. VERY NOISY ALONG LINE, lots OF TRAFFIC.</i>
7	<i>windstrip</i>	<i>1-32sec</i>	<i>1</i>						<i>60%</i>	
8	<i>106</i>	<i>8-103</i>	<i>8</i>	<i>5</i>	<i>MANTISSA</i>				<i>30%</i>	<i>NOTE: From STA *99 to 105, SKIP, Due to HOUSES.</i>
9	<i>107</i>	<i>9-104</i>	<i>9</i>						<i>30%</i>	<i>6 sweep, Due to House.</i>
10	<i>SKIP</i>	<i>10-105</i>	<i>10</i>						<i>SKIP</i>	<i>Due to House.</i>
11	<i>109</i>	<i>11-106</i>	<i>11</i>						<i>30%</i>	<i>stacked LAST HALF.</i>
12	<i>110</i>	<i>12-107</i>	<i>12</i>						<i>30%</i>	<i>stacked 1st HALF.</i>
13	<i>SKIP</i>	<i>13-108</i>	<i>13</i>						<i>SKIP</i>	<i>Due to House.</i>
14	<i>SKIP</i>	<i>14-109</i>	<i>14</i>						<i>SKIP</i>	<i>" " "</i>
15	<i>SKIP</i>	<i>15-110</i>	<i>15</i>						<i>SKIP</i>	<i>" " "</i>
16	<i>114</i>	<i>16-111</i>	<i>16</i>						<i>50%</i>	<i>stack LAST HALF.</i>
17	<i>115</i>	<i>17-112</i>	<i>17</i>						<i>30%</i>	<i>stack 1st HALF.</i>
18	<i>SKIP</i>	<i>18-113</i>	<i>18</i>						<i>SKIP</i>	<i>Due to HOUSES.</i>
19	<i>SKIP</i>	<i>19-114</i>	<i>19</i>						<i>SKIP</i>	<i>" " "</i>
20	<i>SKIP</i>	<i>20-115</i>	<i>20</i>						<i>SKIP</i>	<i>" " "</i>
21	<i>119</i>	<i>21-116</i>	<i>21</i>						<i>50%</i>	<i>stacked LAST HALF.</i>
22	<i>120</i>	<i>22-117</i>	<i>22</i>						<i>30%</i>	
23	<i>SKIP</i>	<i>23-118</i>	<i>23</i>						<i>SKIP</i>	<i>Due to House</i>
24	<i>122</i>	<i>24-119</i>	<i>24</i>						<i>30%</i>	<i>stacked LAST HALF.</i>
25	<i>123</i>	<i>25-120</i>	<i>25</i>						<i>30%</i>	<i>stacked 1st HALF.</i>

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <i>MDS-10</i>
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SWEEP FREQUENCY <i>833242/16sec</i>	SWEEP PATTERN <i>see Remarks</i>	SWEEPS PER PATTERN <i>16</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i>     x     </i>
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-4100's</i>	TYPE GEOPHONE <i>ETELV22B</i>	FREQUENCY <i>7.5HZ</i>
			STATION INTERVAL <i>3.30'</i>	LINE DIR. I TO 24 <i>N=5</i>

REMARKS <i>8ms sample RATE/32sec Record Length</i>	OBSERVER <i>B. PATTON M. Richey</i>	PARTY MGR. <i>Z. DAVIS</i>
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**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services 2**  
**Division**  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Columbia</b>	DATE <b>12-10-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>Clear</b>		LINE NO. <b>2</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60~	AMP	
1	SKIP 124	26-121	26	5		900	OUT	IN	SKIP	Due to House
2	SKIP 125	27-122	27						SKIP	" " "
3	012 126	28-123	28		1				30%	
4	SKIP 127	29-124	29						SKIP	Due to House
5	SKIP 128	30-125	30						SKIP	" " "
6	SKIP 129	31-126	31						SKIP	" " "
7	013 130	32-127	32						30%	
8	014 131	33-128	33						30%	
9	SKIP 132	34-129	34						SKIP	Due to House
10	SKIP 133	35-130	35						SKIP	" " "
11	SKIP 134	36-131	36						SKIP	" " "
12	SKIP 135	37-132	37						SKIP	From 135 to 141 SKIP Due to Houses.
13	015 142	44-139	44						30%	Stacked Last Half.
14	016 143	45-140	45						50%	
15	017 144	46-141	46			900			30%	Stacked 1st Half. E.O. #900 TAPE MKTS
16	SKIP 145	47-142	47			SKIP			SKIP	From STA #145 to 171 SKIP Due to Town.
17	018 172	74-169	8		wind skip	901			60%	B.O. #901, 900, 10sec ALL ONES. STA #164 OPEN.
18	019 172	74-169	8						30%	Last Half.
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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Columbia</b>	DATE <b>12-11-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Dirt Road shoulder</b>	WEATHER <b>cloudy</b>	LINE NO. <b>#2</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 ~	AMP	
1	933 PULSE	1-6sec				901	OUT	IN		Recorder SET AT 146-147
2	934 EINT	2-11 "								5 Vib, 1st Vib 44' behind FLAG, 50' spacing
3	935 D.R.D	4-11 "								32sec Record, 16sec sweep, 16 sweep, 20.6 move
4	936 stem test	2-11 "								Ups. Alais 31.25
5	937 N.R.S	2-11 "								
6	932 SIMILARITY	1-16sec	236	5						40%
7	020 WINDSTRIP	1-32sec	1							60% lots OF TRAFFIC A long line. 164 OPEN Due to
8	021 173	75-170	1	5	MANTISSA					50% GAS STATION.
9	022 174	76-171	2							50%
10	023 175	77-172	3							50%
11	SKIP 176	78-173	4							SKIP Due to House.
12	SKIP 177	79-174	5							SKIP " " "
13	024 178	80-175	6							30% STACKED LAST HALF
14	025 179	81-176	7							50%
15	026 180	82-177	8							50%
16	027 181	83-178	9							30%
17	028 182	84-179	10							30%
18	029 183	85-180	11							50%
19	030 184	86-181	12		1					30%
20	031 185	87-182	13							30%
21	032 186	88-183	14							30% Low Drive 1st half 50% Drive Last half
22	033 187	89-184	15							50%
23	034 188	90-185	16							30% STACKED 1st half.
24	SKIP 189	91-186	17							SKIP Due TO houses
25	SKIP 190	92-187	18							SKIP " " "

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8732Hz/16sec</b>	SWEEP PATTERN <b>See Remarks</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>     x     </b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-Y100's</b>	TYPE GEOPHONE <b>ETLDV208</b>	FREQUENCY <b>7.5Hz</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms sample RATE/32sec Record length</b>	OBSERVER <b>B. PATTON D. RICHEY</b>	PARTY MGR. <b>L. DAVIS</b>	LINE DIR. 1 TO 24 <b>N2S</b>		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services Division**  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Columbia</b>
CREW NO. <b>6834</b>		TERRAIN <b>SHoulder</b>	WEATHER <b>Clear</b>
			DATE <b>12-11-83</b>
LINE NO. <b>2</b>			

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			RE MARKS	
							LOCUT	60 ~	AMP		
1	035	191	93-188	19	5		901	OUT	IN	30%	Stacked Last half, 6 sweeps.
2	SKIP	192	94-189	20						SKIP	Due to Church
3	SKIP	193	95-190	21						SKIP	Due to houses
4	SKIP	194	96-191	22						SKIP	" " "
5	036	195	97-192	23	1	901				50%	Stacked Last Half. EOT * 901 Tape MKTs.
6	037	196	98-193	24	wind strip	902				60db	Bot * 902 * 900 10sec All ones.
7	038	196	98-193	24						50%	STA*193 Open Due to Drive way.
8	039	197	99-194	25						50%	
9	040	198	100-195	26						50%	
10	041	199	101-196	27						50%	
11	042	200	102-197	28						50%	
12	043	201	103-198	29						50%	
13	044	202	104-199	30						30%	Stacked 1st half.
14	SKIP	203	105-200	31						SKIP	Due to house
15	045	204	106-201	32	1					30%	Stacked Last half.
16	046	205	107-202	33						30%	Stacked 1st half. 8 sweeps.
17	SKIP	206	108-203	34						SKIP	From 206-213 Due to houses.
18	047	214	116-211	42						30%	Stacked Last half.
19	048	215	117-212	43						50%	
20	049	216	118-213	44						50%	
21	050	217	119-214	45						50%	Went to Low Drive 30% ON last 10 sweeps.
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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER		PARTY MGR.

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services 5  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Columbia</b>	DATE <b>12-13-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>SHoulder</b>	WEATHER <b>cloudy + WET</b>		LINE NO. <b>2</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 ~	AMP	
1	933	pulse	1-6 sec			902	OUT	IN		Recorder set at 191-192
2	934/935	EINT	2- " "							5 Vib, 1st Vib 44' Behind FLAG, 50' spacing
3	936/939	DRD	4- " "							20' move up, 32 sec Record Length, 16 sweep
4	953/954	Sum TEST	2- " "							
5	960/961	NRJ test	2- " "							STA #164 OPEN, Due to DRIVE WAY.
6	932	Silimaxity	1-16 sec	236	5				40%	STA #193 OPEN, Due to GAS STATION
7	051	wind strip	1-32 sec	1					60%	lots OF TRAFFIC A long line.
8	052	218	120-215	1	5				30%	
9	053	219	121-216	2					30%	
10	054	220	122-217	3					30%	
11	055	221	123-218	4		902			50%	E.O. + #902, TAPE MKTS
12	056	222	124-219	5	wind strip	903			60%	R.O. + #903, 900 10sec ALL ONES. ST
13	057	222	124-219	5					50%	stacked 1st HAIF. Low DRIVE ON the LAST 8 sweep.
14	SKIP	223	125-220	6					SKIP	Due to HOUSE.
15	058	224	126-221	7					30%	stacked LAST HAIF.
16	059	225	127-222	8					30%	
17	SKIP	226	128-223	9					SKIP	Due to trailer.
18	060	227	129-224	10					30%	stacked LAST HAIF.
19	061	228	130-225	11					50%	
20	062	229	131-226	12					50%	
21	063	230	132-227	13					50%	stacked 1st HAIF.
22	SKIP	231	133-228	14					SKIP	Due to HOUSE.
23	SKIP	232	134-229	15					SKIP	" " "
24	064	233	135-230	16					30%	stacked LAST HAIF.
25	065	234	136-231	17					50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 → 32 Hz / 16 sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN      X
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEU 22B	FREQUENCY 7.5 Hz
STATION INTERVAL 330'			LINE DIR. 1 TO 24 N → S	

REMARKS 8 ms Sample Rate / 32 sec Record Length	OBSERVER R. Patten, M. Richey	PARTY MGR. L. Davis
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**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 6

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Columbia</i>	DATE <i>12-13-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy + WET</i>		LINE NO. <i>#2</i>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	066	235	137-232	18	5	<del>MISSING</del> 903	NET	IN	50%	
2	067	236	138-233	19					50%	
3	068	237	139-234	20					50%	
4	069	238	140-235	21					30%	
5	070	239	141-236	22					30%	
6	071	240	142-237	23					30%	
7	072	241	143-238	24					50%	
8	073	242	144-239	25					50%	
9	074	243	145-240	26					50%	
10	075	244	146-241	27					50%	
11	076	245	147-242	28		903			50%	E.O.T #903, TAPE MKTS.
12	077	246	148-243	29	WINDY VIB	904			60%	R.O.T #904, 900/10sec ALL ONES.
13	078	246	148-243	29					50%	
14	079	247	149-244	30					50%	
15	SKIP	248	150-245	31					SKIP	Due to soft terrain.
16	080	249	151-246	32					50%	stacked LAST HALF.
17	081	250	152-247	33					50%	stacked 1st HALF.
18	SKIP	251	153-248	34					SKIP	Due to soft terrain.
19	082	252	154-249	35					50%	stacked LAST HALF.
20	083	253	155-250	36					50%	
21	084	254	156-251	37					50%	
22	085	255	157-252	38					50%	
23	086	256	158-253	39					50%	
24	087	257	159-254	40					30%	1st HALF.
25	SKIP	258	160-255	41					SKIP	Due to HOUSE.

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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Columbia</i>	DATE <i>12-13-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road + shoulder</i>	WEATHER <i>cloudy + wet</i>		LINE NO. <i>#2</i>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	SKIP 259	161-256	42	5	<del>MISS</del>	904	OUT	IN	SKIP	Due to House.
2	SKIP 260	162-257	43						SKIP	" " "
3	SKIP 261	163-258	44						SKIP	" " "
4	088 262	164-259	45						30%	LAST HAIF.
5	089 263	165-260	46						30%	1st HAIF
6	SKIP 264	166-261	47						SKIP	1
7	SKIP 265	167-262	48						SKIP	From STA # 265 to 273 SKIP Due to Houses.
8										
9										
10										
11										
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Columbia</i>	DATE <i>12-14-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy + wet</i>		LINE NO. <i>#2</i>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	933 PULSE	1-6sec			<i>missed sweep</i>	904	OUT	IN		Recorder SET AT 246-247.
2	934 EINT	2-11"								5 Vibs, 1st Vib 44' behind Flag, 50' spacing, 20.6
3	935 D.R.D	4-11"								MOVE UP, 4 Vibs, 1st Vib is 69' Behind Flag,
4	952 SUMTEST	2-11"								
5	961 N.R.J	2-11"								OPEN #193 DUE TO DRIVEWAY.
6	932 SIMILARITY	1-16sec	236	5						40% lots of traffic along line, NOISE.
7	090 WINDSTRIP	1-32sec	2							60% Vib #17311 Down, Replacing ALTERNATE.
8	091 274	176-271	2	4	MANHISSA					50% STACKED LAST HALF.
9	092 275	177-272	3							50%
10	093 276	178-273	4			904				50% E.O.T #904, TAPE MKTS.
11	094 277	179-274	5		WINDSTRIP	905				60% B.O.T #905, 900 10sec ALL ONES.
12	095 277	179-274	5							50%
13	096 278	180-275	6							50%
14	097 279	181-276	7							50%
15	098 280	182-277	8							50%
16	099 281	183-278	9							50%
17	100 282	184-279	10							50%
18	101 283	185-280	11							30% STACKED 1st HALF.
19	SKIP 284	186-281	12							SKIP Due to motel.
20	SKIP 285	187-282	13							SKIP " " "
21	102 286	188-283	14							30% STACKED LAST HALF.
22	103 287	189-284	15							30%
23	104 288	190-285	16							50%
24	105 289	191-286	17							30% STACKED 1st HALF.
25	SKIP 290	192-287	18							SKIP Due to HOUSES. From 290 to 301 SKIP AND SINK HOLES.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY <i>8.32Hz/16sec</i>	SWEEP PATTERN <i>see REMARKS</i>	SWEEPS PER PATTERN <i>16</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i>      x      </i>
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GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-1100's</i>	TYPE GEOPHONE <i>ETLEV22B</i>	FREQUENCY <i>7.5Hz</i>	STATION INTERVAL <i>330'</i>	LINE DIR. 1 TO 24 <i>N-25</i>
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REMARKS <i>8ms SAMPLE RATE/32sec Record Length</i>	OBSERVER <i>T. PATTON, M. Richey</i>	PARTY MGR. <i>L. DAVIS</i>
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**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Columbia</i>	DATE <i>12-14-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>shoulder</i>	WEATHER <i>cloudy + wet</i>		LINE NO. <i>#2</i>

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	106	302	204-299	30	4	<del>MISSING</del> 905	OUT	IN	30%	stacked LAST HAIF
2	107	303	205-300	31	5				30%	1st HAIF, 8 sweep. Vib# 17311 BACK ON LINE.
3	SKIP	304	206-301	32						SKIP From STA #304 to 314 SKIP Due to HOUSES.
4	108	315	217-312	43					30%	stacked LAST HAIF.
5	SKIP	316	218-313	44						SKIP From STA #316 to 318 SKIP Due to HOUSES.
6	109	319	221-316	47					30%	STA # 313 and 316 and 323 OPEN Due to HOUSES.
7	SKIP	320	222-317	48						SKIP From 320 to 325 SKIP Due to Houses.
8	110	326	228-323	20					30%	Recorder moved up at 280-281. Vib ARE IN ALACHUA
9	111	327	229-324	21					30%	COUNTY.
10	SKIP	328	230-325	22						SKIP Due to trailer.
11	112	329	231-326	23					30%	
12	113	330	232-327	24					30%	
13	114	331	233-328	25					30%	
14	115	332	234-329	26		905			30%	E.O.T #905, TAPE MKTS.
15	116	333	235-330	27	windstrip	906			100%	B.O.T #906, 900 10sec ALL ONES.
16	117	333	235-330	27					30%	
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Columbia</b>	DATE <b>12-16-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Dirt shoulder</b>	WEATHER <b>cloudy &amp; wet.</b>		LINE NO. # <b>2</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 ~	AMP	
1	933 PULSE	1-6sec				906	OUT	IN		
2	934 FINT	2-''''								Recorder set at 350-351.
3	936 D.R.D	4-''''								5 Vib, 1st Vib 44' Behind FLAG, 50' spacing
4	953 sumtest	2-''''								20% MOVE UP, 16sec sweep, 16 sweep, 32sec
5	961 N.R.J.	2-''''								Record Length.
6	932 SIMILARITY	1-16sec	235	4					40%	OPEN STA # 313, 317, 323, 348, 351, 353, 361.
7	118 WINDSTIP	1-32sec	2						60%	NOTE: lots of traffic A long line.
8	119 378	280-375	2	5	MANTISSA				50%	stacked LAST HALF.
9	120 379	281-376	3						50%	
10	121 380	282-377	4		1				50%	
11	122 381	283-378	5	4					50%	Vib # 25865 Down, working on BACK MASS.
12	123 382	284-379	6						50%	
13	124 383	285-380	7						50%	
14	125 384	286-381	8						30%	
15	126 385	287-382	9						30%	
16	127 386	288-383	10						30%	
17	128 387	289-384	11						30%	
18	129 388	290-385	12						30%	
19	130 389	291-386	13						30%	
20	131 390	292-387	14						30%	
21	132 391	293-388	15						30%	
22	133 392	294-389	16						50%	
23	134 393	295-390	17			906			30%	E.O. + #906, TAPE MKTS
24	135 394	296-391	18		WINDSTIP	907			72%	B.O. + #907, 900 10sec ALL ONES.
25	136 394	296-391	18						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8782 HZ / 16sec</b>	SWEEP PATTERN <b>see Remark</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>     X     </b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-Y1100'S</b>	TYPE GEOPHONE <b>E+LDV12B</b>	FREQUENCY <b>7.5 HZ</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms SAMPLE RATE / 32sec Record Length</b>		OBSERVER <b>R. PATTON, M. RICHEY</b>		PARTY MGR. <b>L. DAVIS</b>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>ALACHUA</b>	DATE <b>12-16-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>Partly Cloudy + wet</b>		LINE NO. <b>2</b>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60~	AMP		
1	137	395	297-392	19	4		907	OUT	IN	50%	
2	138	396	298-393	20						50%	
3	139	397	299-394	21						30%	
4	SKIP	398	300-395	22						SKIP	Due to HOUSES.
5	140	399	301-396	23						30%	
6	141	400	302-397	24						50%	
7	142	401	303-398	25						50%	
8	143	402	304-399	26						50%	
9	144	403	305-400	27						50%	
10	145	404	306-401	28						50%	
11	146	405	307-402	29						50%	
12	147	406	308-403	30						50%	Stacked 1st HALF. the 2nd HALF IN Low DRIVE.
13	148	407	309-404	31	5					30%	Vib # 25865 BACK ON LINE.
14	SKIP	408	310-405	32						SKIP	Due to House.
15	SKIP	409	311-406	33						SKIP	" " "
16	SKIP	410	312-407	34						SKIP	" " "
17	149	411	313-408	35						30%	Stacked LAST HALF.
18	150	412	314-409	36						50%	
19	151	413	315-410	37						50%	
20	152	414	316-411	38						50%	
21	SKIP	415	317-412	39						SKIP	From STA # 415 to 417. SKIP Due to HOUSES.
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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>ALACHUA</b>	DATE <b>12-17-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>cloudy + WET</b>		LINE NO. <b>#2</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~	AMP	
1	932 PULSE	1-6sec			missed sweep	907	Out	IN		Recorder set at 391-392
2	934 EINT	2-11"								5 Vib, 1st Vib 44' Behind Flag, 20'6 MAKE UP.
3	936 D.R.D	4-11"								50' spacing
4	953 SKM test	2-11"								
5	959 N.R.J	2-11"								OPEN STA # 317, 323, 348, 351, 353, 361.
6	932 Similarity	1-16sec	236	5		907			40%	NOTE: lots of traffic A long E.D. F #907, TAPE MKTS
7	153 WINDSTIP	1-32sec	1			908			60%	B.D. F #908, 900 10sec ALL ONES.
8	154 418	320-415	1	5					30%	
9	155 419	321-416	2						30%	
10	156 420	322-417	3						30%	
11	SKIP 421	323-418	4						SKIP	Due to House
12	SKIP 422	324-419	5						SKIP	" " "
13	157 423	325-420	6						30%	
14	SKIP 424	326-421	7						SKIP	Due to House.
15	158 425	327-422	8						30%	
16	159 426	328-423	9						50%	
17	SKIP 427	329-424	10						SKIP	Due to House.
18	160 428	330-425	11						30%	stacked LAST HALF.
19	161 429	331-426	12						50%	
20	162 430	332-427	13						50%	
21	163 431	333-428	14						50%	
22	SKIP 432	334-429	15						SKIP	Due to Houses.
23	164 433	335-430	16						30%	stacked LAST HALF.
24	165 434	336-431	17		1				50%	
25	166 435	337-432	18						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8 &gt; 32Hz / 16sec</b>	SWEEP PATTERN <b>See Remarks</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>     </b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-V1100'S</b>	TYPE GEOPHONE <b>ETHV428</b>	FREQUENCY <b>7.5HZ</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms sample RATE / 1/32sec Record Length</b>		OBSERVER <b>R. PATTON, M. Richey</b>		PARTY MGR. <b>Z. DAVIS</b>	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>ALACHUA</b>	DATE <b>12-17-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>cloudy &amp; wet</b>	LINE NO. <b>#2</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 ~	AMP	
1	167	436	338-433	19	5	<del>908</del> 908	OUT	IN	50%	
2	168	437	339-434	20					30%	
3	SKIP	438	340-435	21					SKIP	Due to House.
4	169	439	341-436	22					30%	
5	170	440	342-437	23					50%	
6	171	441	343-438	24					50%	
7	172	442	344-439	25					50%	
8	173	443	345-440	26					50%	
9	174	444	346-441	27		908			30%	Stacked 1st half. EOT * 908 Tape MTS.
10	SKIP	445	347-442	28					SKIP	From 445-448 Due to house's.
11	175	449	351-446	32	wind strip	909			60db	Bot * 909 * 900 10sec All ones
12	176	449	351-446	32					50%	Stacked last half.
13	177	450	352-447	33					50%	
14	178	451	353-448	34					50%	
15	179	452	354-449	35					50%	
16	180	453	355-450	36					50%	
17	SKIP	454	356-451	37					SKIP	Due to House.
18	181	455	357-452	38					30%	Stacked last half.
19	182	456	358-453	39					30%	Stacked 1st half.
20	SKIP	457	359-454	40					SKIP	Due to Houses.
21	SKIP	458	360-455	41					SKIP	" " "
22	183	459	361-456	42					30%	Stacked 1st half.
23	SKIP	460	362-457	43					SKIP	From 460 to 463, Due to House's.
24	184	464	366-461	47	1				50%	
25	SKIP	465	367-462	48					SKIP	Due to House.

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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER	PARTY MGR.	LINE DIR. 1 TO 24		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>ALACHUA</i>	DATE <i>12-17-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy + WET</i>		LINE NO. <i>#2</i>

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	466	368-463	49	5	<i>MISS 3 sweeps</i>	909	OUT	IN	50%	
2	467	369-464	44						50%	Recorder moved up at 497-498.
3	468	370-465	45						50%	
4	469	371-466	46						50%	
5										
6										
7										
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>ALACHUA</b>	DATE <b>12-18-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>cloudy + WET</b>		LINE NO. <b>2</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 ~	AMP	
1	933	Pulse	1 - 6 sec			909	OUT	IN		Recorder set at 442-443
2	934/935	FINT	2 - " "							4 Vibs, 1st Vib 69' Behind Flag, 50' spacing, 20'g
3	936/939	DRD	4 - " "							MOVE UP. 32sec Record, 16sec sweep, 16 sweep.
4	953/954	Sum TEST	2 - " "							
5	960/961	NRS TEST	2 - " "							
6	932	Similarity	1 - 16 sec	235	4					Vib # 23652 Down, working on pad.
7	189	Wind strip	1 - 32 sec	2						60%
8	190	470	372 - 467	2	4	MANTISSA				50%
9	191	471	373 - 468	3						50% stacked 1st HAIF.
10	SKIP	472	374 - 469	4						SKIP Due to HOUSE
11	SKIP	473	375 - 470	5						SKIP " " "
12	192	474	376 - 471	6		909				50% stacked LAST HAIF. E.O. T#909, TAPE MKTS.
13	193	475	377 - 472	7		910				72% B.O. T#910, 900 10sec. ALL ONES.
14	194	475	377 - 472	7						30%
15	195	476	378 - 473	8						30%
16	196	477	379 - 474	9						30% stacked 1st HAIF.
17	SKIP	478	380 - 475	10						SKIP Due to HOUSE.
18	197	479	381 - 476	11						50% LAST HAIF.
19	198	480	382 - 477	12						50%
20	SKIP	481	383 - 478	13						SKIP Due to HOUSE.
21	SKIP	482	384 - 479	14						SKIP " " "
22	199	483	385 - 480	15						50% LAST HAIF.
23	200	484	386 - 481	16						50%
24	201	485	387 - 482	17						50%
25	SKIP	486	388 - 483	18						SKIP Due to HOUSE.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz / 16 sec		SWEEP PATTERN See Remarks		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN      X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETL EV 22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 32 sec Record Length			OBSERVER R. Patten	PARTY MGR. M. Rickay	LINE DIR. 1 TO 24 N → S

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Alachua</i>	DATE <i>12-18-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy + WET</i>		LINE NO. <i>#2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	<i>SKIP 487</i>	<i>389-484</i>	<i>19</i>	<i>4</i>	<i>MISSING</i>	<i>910</i>	<i>OUT</i>	<i>IN</i>	<i>SKIP</i>	<i>Due to House.</i>
2	<i>202 488</i>	<i>390-485</i>	<i>20</i>						<i>30%</i>	<i>LAST HALF.</i>
3	<i>SKIP 489</i>	<i>391-486</i>	<i>21</i>						<i>SKIP</i>	<i>Due to House.</i>
4	<i>203 490</i>	<i>392-487</i>	<i>22</i>						<i>50%</i>	<i>LAST HALF.</i>
5	<i>204 491</i>	<i>393-488</i>	<i>23</i>						<i>50%</i>	
6	<i>205 492</i>	<i>394-489</i>	<i>24</i>						<i>50%</i>	
7	<i>206 493</i>	<i>395-490</i>	<i>25</i>						<i>50%</i>	
8	<i>207 494</i>	<i>396-491</i>	<i>26</i>						<i>50%</i>	
9	<i>208 495</i>	<i>397-492</i>	<i>27</i>						<i>50%</i>	
10	<i>209 496</i>	<i>398-493</i>	<i>28</i>						<i>50%</i>	
11										
12										
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 17

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Alachua</i>	DATE <i>12-19-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy &amp; WET</i>		LINE NO. <i>2</i>

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	<i>Pulse</i>	<i>1-6sec</i>			<i>MISSING SWEEP</i>	<i>910</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET AT 471-472</i>
2	<i>EINT</i>	<i>2-11"</i>								<i>4 Vib, 1st Vib 69' behind Flag. 50' spacing,</i>
3	<i>D.R.D</i>	<i>4-11"</i>								<i>20'6 move up. 16sec sweep, 16 sweep, 32sec</i>
4	<i>SCMTEST</i>	<i>2-11"</i>								<i>Record Length.</i>
5	<i>N.R.J</i>	<i>2-11"</i>								
6	<i>SIMILARITY</i>	<i>1-16sec</i>	<i>235</i>	<i>4</i>		<i>910</i>			<i>40%</i>	<i>E.O.T #910, TAPE MKTS. Vib #2365.2 Down, working on PAD</i>
7	<i>WINDSTOP</i>	<i>1-32sec</i>	<i>240</i>			<i>911</i>			<i>72%</i>	<i>B.O.T #911, 900 10sec ALLOWS. BACK IN NORMAL</i>
8	<i>497</i>	<i>399-494</i>	<i>240</i>	<i>4</i>		<i>IFP</i>			<i>50%</i>	<i>I.F.P MODE</i>
9	<i>498</i>	<i>400-495</i>	<i>1</i>						<i>50%</i>	<i>lots of traffic. A long line.</i>
10	<i>499</i>	<i>401-496</i>	<i>2</i>						<i>50%</i>	
11	<i>500</i>	<i>402-497</i>	<i>3</i>						<i>30%</i>	<i>1st HALF.</i>
12	<i>SKIP</i>	<i>501</i>	<i>403-498</i>	<i>4</i>						<i>SKIP Due to SINK HOLE.</i>
13	<i>502</i>	<i>404-499</i>	<i>5</i>						<i>50%</i>	<i>LAST HALF.</i>
14	<i>503</i>	<i>405-500</i>	<i>6</i>						<i>50%</i>	
15	<i>504</i>	<i>406-501</i>	<i>7</i>						<i>50%</i>	
16	<i>505</i>	<i>407-502</i>	<i>8</i>						<i>50%</i>	
17	<i>506</i>	<i>408-503</i>	<i>9</i>						<i>50%</i>	
18	<i>507</i>	<i>409-504</i>	<i>10</i>						<i>50%</i>	
19	<i>508</i>	<i>410-505</i>	<i>11</i>						<i>50%</i>	
20	<i>509</i>	<i>411-506</i>	<i>12</i>						<i>50%</i>	
21	<i>SKIP</i>	<i>510</i>	<i>412-507</i>	<i>13</i>						<i>SKIP Due to trailer.</i>
22	<i>511</i>	<i>413-508</i>	<i>14</i>						<i>30%</i>	<i>LAST HALF, BLAST ON SWEEP #13, File #223.</i>
23	<i>512</i>	<i>414-509</i>	<i>15</i>						<i>50%</i>	
24	<i>513</i>	<i>415-510</i>	<i>16</i>						<i>50%</i>	
25	<i>514</i>	<i>416-511</i>	<i>17</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8 &gt; 32Hz / 16sec</i>		SWEEP PATTERN <i>see Remarks</i>		SWEEPS PER PATTERN <i>16</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i>      x      </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>S-Y1100's</i>	TYPE GEOPHONE <i>E-TELE 22B</i>	FREQUENCY <i>7.5Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms Sample RATE / 32 sec Record Length</i>			OBSERVER <i>R. PATTON, M. RICHOK</i>	PARTY MGR. <i>L. DAVIS</i>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 18

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Alachua</i>	DATE <i>12-19-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy</i>		LINE NO. <i>#2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS	
							LOCUT	60 ~	AMP		
1	227	515	417-512	18	4	<i>missed</i>	911	OUT	IN	50%	
2	228	516	418-513	19						50%	<i>BLAST ON SWEEP #7, FILE #228.</i>
3	229	517	419-514	20						30%	<i>1st HALF.</i>
4	SKIP	518	420-515	21						SKIP	<i>Due to HOUSE'S.</i>
5	SKIP	519	421-516	22						SKIP	<i>" " "</i>
6	SKIP	520	422-517	23						SKIP	<i>" " "</i>
7	230	521	423-518	24						30%	<i>LAST HALF.</i>
8	231	522	424-519	25			911			50%	<i>E.O.T #911, TAPE MKTS</i>
9	232	523	425-520	26	<i>windskip</i>		912			72%	<i>B.O.T #912, 900 msec ALL ONE. WILL BE BACK IN</i>
10	233	523	425-520	26		<i>MANTISSA</i>				30%	<i>MANTISSA SUMING.</i>
11	234	524	426-521	27						30%	
12	235	525	427-522	28						30%	
13	SKIP	526	428-523	29						SKIP	<i>From STA #526 to 528 Due to HOUSE'S.</i>
14	236	529	431-526	32						50%	
15	237	530	432-527	33						50%	
16	238	531	433-528	34						50%	
17	SKIP	532	434-529	35						SKIP	<i>Due to SINK HOLE.</i>
18	239	533	435-530	36						50%	<i>LAST HALF.</i>
19	240	534	436-531	37						30%	<i>1st HALF.</i>
20	SKIP	535	437-532	38						SKIP	<i>From STA #535 to 560 SKIP Due to TOWN.</i>
21	241	561	463-558	7						50%	<i>Recorder move UP AT STA #528-529. STA #551, 552,</i>
22	242	562	464-559	8						50%	<i>553, 556, 560, OPEN Due to DRIVE WAY IN TOWN.</i>
23	243	563	465-560	9						50%	
24	244	564	466-561	10						50%	
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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS		OBSERVER		PARTY MGR.	LINE DIR. 1 TO 24

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Alachua</b>	DATE <b>12-20-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>cloudy + WET</b>		LINE NO. <b>#2</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 ~	AMP	
1	933 PULSE	1-6sec			missed sweep	912	OUT	IN		Recorder SET AT 538-539
2	934 EINT	2-11"								4 Vibs, 1st Vib 69' Behind Flag, 50' spacing, 20'c
3	936 D.R.D	4-11"								MOVE UP.
4	953 SUMTEST	2-11"								
5	960 N.R.-J	2-11"								OPEN STA # 551, 552, 553, 556, 560, Due to town.
6	932 SIMILARITY	1-16sec	235	4					40%	Vib # 17311 DOWN, working on BACK ENGINE.
7	245 WINDSTRIP	1-32sec	1						70%	lots OF TRAFFIC A LONG LINE.
8	246 565	467-562	1	4					50%	
9	247 566	468-563	2						50%	
10	248 567	469-564	3						50%	
11	249 568	470-565	4		1				50%	
12	250 569	471-566	5			912			50%	EOT # 912 Tape MKTs.
13	251 570	472-567	6		windstrip	913			60%	B.O. # 913, 900 locs ALL ONES.
14	252 570	472-567	6						50%	
15	253 571	473-568	7						50%	
16	254 572	474-569	8						50%	
17	255 573	475-570	9						50%	
18	256 574	476-571	10		1				50%	
19	257 575	477-572	11						30%	
20	SKIP 576	478-573	12						SKIP	From 576-581 Due to houses.
21	258 582	484-579	18						30%	Stacked last half
22	259 583	485-580	19						50%	
23	260 584	486-581	20						50%	
24	SKIP 585	487-582	21						SKIP	Due to houses.
25	SKIP 586	488-583	22						SKIP	" " "

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32Hz/16sec</b>	SWEEP PATTERN <b>See Remarks</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>     X     </b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-V1100's</b>	TYPE GEOPHONE <b>ETLEV22R</b>	FREQUENCY <b>7.5HZ</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms SAMPLE RATE/32sec Record Length</b>	OBSERVER <b>B. PATTON, M. Richey</b>	PARTY MGR. <b>L. DAVIS</b>	LINE DIR. <b>1 TO 24 N → S</b>		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>ALACHUA</b>	DATE <b>12-20-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>Cloudy + wet</b>		LINE NO. <b>2</b>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL. NO	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	SKIP	587	489-584	23		913	out	IN	SKIP	Due to house's.
2	SKIP	588	490-585	24					SKIP	" " "
3	261	589	491-586	25	4				50%	Stacked last half
4	262	590	492-587	26					50%	
5	263	591	493-588	27					50%	
6	264	592	494-589	28					50%	
7	265	593	495-590	29					50%	
8	266	594	496-591	30					50%	
9	267	595	497-592	31					50%	
10	268	596	498-593	32					30%	Stacked 1st half
11	SKIP	597	499-594	33					SKIP	Due to House
12	SKIP	598	500-595	34					SKIP	" " "
13	269	599	501-596	35					50%	Stacked last half
14	270	600	502-597	36					50%	
15	271	601	503-598	37		913			50%	EOT # 913 TAPE MKTS.
16	272	602	504-599	38	wind	strip 914			60db	BOT # 914 # 900 10sec All ones.
17	273	602	504-599	38					50%	
18	274	603	505-600	39					50%	
19	275	604	506-601	40					50%	
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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>ALACHUA</b>
CREW NO. <b>6834</b>	TERRAIN <b>SHoUlder</b>	WEATHER <b>cloudy + WET.</b>	DATE <b>12-21-83</b>
LINE NO. <b>2</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 ~	AMP	
1	933	Pulse	1 - 6 sec		missed Sweeps	914	Out	IN		Recorder set at 378-379.
2	934/935	EINT	2 - " "							5 Vibs, 1st vib 44' Behind, 50' spacing, 20.6 move
3	936/939	DRD	4 - " "							up. 16sec sweep, 16sweep, 32sec Record Length.
4	953/954	Sum Test	2 - " "							
5	960/961	NRT TEST	2 - " "							OPEN STA #551, 552, 553, 556, 560. Due to town.
6	932	Similarity	1 - 16 sec						40%	NO similarity.
7	276	windstrip	1 - 32 sec	1					60%	
8	277	605	507-602	1	5				50%	
9	278	606	508-603	2					50%	
10	279	607	509-604	3					50%	
11	280	608	510-605	4					50%	
12	281	609	511-606	5					50%	
13	282	610	512-607	6					50%	
14	283	611	513-608	7					50%	
15	284	612	514-609	8					50%	
16	285	613	515-610	9					50%	
17	286	614	516-611	10					50%	
18	287	615	517-612	11					50%	
19	SKIP	616	518-613	12					SKIP	Due to trailer.
20	SKIP	617	519-614	13					SKIP	" " " "
21	288	618	520-615	14					30%	LAST HALF.
22	289	619	521-616	15					50%	
23	290	620	522-617	16					50%	
24	291	621	523-618	17		914			50%	E.O.T #914. TAPE MKS.
25	SKIP	622	524-619	18					SKIP	From STA #622 to 625 SKIP. Due to Houses.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 → 32Hz / 16 sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN      x
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEU22B	FREQUENCY 7.5Hz
STATION INTERVAL 330'		LINE DIR. 1 TO 24 N-9.5		

REMARKS 8 ms Sample Rate / 32 sec. Record Length.	OBSERVER H. Patten	PARTY MGR. M. Richey	PARTY MGR. L. Davis
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**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services** 22  
**Division**  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Alachua</b>	DATE <b>12-21-83</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>cloudy &amp; WET.</b>		LINE NO. <b>#2</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 ~	AMP	
1	292	626	528-623	22	5	915	OUT	IN	60%	B.O.T #915, 900 10sec ALLONES.
2	293	626	528-623	22					50%	LAST HAIF.
3	294	627	529-624	23					50%	
4	295	628	530-625	24					50%	
5	296	629	531-626	25					50%	
6	297	630	532-627	26					50%	
7	298	631	533-628	27					50%	
8	299	632	534-629	28					50%	
9	300	633	535-630	29					50%	
10	301	634	536-631	30					30%	1st HAIF.
11	SKIP	635	537-632	31					SKIP	DUe to HOUSE.
12	SKIP	636	538-633	32					SKIP	" " "
13	SKIP	637	539-634	33					SKIP	" " "
14	302	638	540-635	34					30%	
15	303	639	541-636	35					50%	
16	304	640	542-637	36					50%	
17	305	641	543-638	37					30%	
18	306	642	544-639	38					50%	
19	307	643	545-640	39					50%	
20	308	644	546-641	40					50%	
21	309	645	547-642	41					50%	
22	310	646	548-643	42					50%	
23	311	647	549-644	43					50%	
24	312	648	550-645	44					50%	
25	313	649	551-646	45		915			50%	EOT # 915 TApe MKTs.

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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 23

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Alachua</i>	DATE <i>12-22-82</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>Cloudy + wet</i>		LINE NO. <i>#2</i>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60~	AMP	
1	933	PULSE				916	OUT	IN		R.O.T #916, 900 10sec ALL ONES.
2	934	EINT								Recorder set AT 614-615
3	935	D.R.D								STA #552, 553, 556 + 560 All open Due to TOWN.
4	936	Sumtest								5 Vibs, 1st Vib 44 Behind Flag, 50 spacing, 20.6 move ups,
5	937	N.R.J								16 sweeps, 16 sec sweep, 32 sec Record, Alois 31.25.
6	932	similarity	236	5					40%	Lot of Traffic Along line.
7	314	windstrip	10						60db	NOTE: light mist and fog along line.
8	315	650	10	5					30%	Stacked 1st half
9	SKIP	651	11						SKIP	Due to trailer.
10	SKIP	652	12						SKIP	" " "
11	316	653	13						30%	Stacked last half
12	317	654	14						50%	
13	318	655	15						50%	
14	319	656	16						50%	
15	320	657	17						50%	
16	321	658	18						50%	
17	322	659	19						50%	Stacked 1st HALF
18	SKIP	660	20						SKIP	Due to house
19	323	661	21						30%	Stacked last half
20	324	662	22						50%	
21	325	663	23		1				50%	
22	326	664	24						50%	
23	327	665	25						50%	
24	328	666	26						50%	
25	329	667	27						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8 &gt; 32 Hz / 16 sec</i>		SWEEP PATTERN <i>see Remarks</i>		SWEEPS PER PATTERN <i>16</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i>     /   X   /   /   /   </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-X1100's</i>	TYPE GEOPHONE <i>ETLEV22B</i>	FREQUENCY <i>7.5 Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms sample rate / 32sec Record Length</i>			OBSERVER <i>R. PATTON, M. Richey</i>	PARTY MGR. <i>L. DAVIS</i>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 24

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>ALACHUA</i>	DATE <i>12-22-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy</i>		LINE NO. <i>#2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	230 <i>668</i>	<i>570-665</i>	<i>28</i>	<i>5</i>	<i>Missed Sweep</i>	<i>916</i>	<i>OUT</i>	<i>1K</i>	<i>50%</i>	
2	<i>231</i> <i>669</i>	<i>571-666</i>	<i>29</i>			<i>916</i>			<i>50%</i>	<i>E.O.T# 916, TAPE MKTS</i>
3	<i>332</i> <i>670</i>	<i>572-667</i>	<i>30</i>	<i>windstrip</i>		<i>917</i>			<i>60%</i>	<i>B.O.T# 917, 900 msec ALL ONES. NOTE: STANDING BY</i>
4	<i>333</i> <i>670</i>	<i>572-667</i>	<i>30</i>						<i>50%</i>	<i>Due to TRAIN A LONG LINE.</i>
5	<i>333</i> <i>671</i>	<i>573-668</i>	<i>31</i>						<i>50%</i>	
6	<i>334</i> <i>672</i>	<i>574-669</i>	<i>32</i>						<i>50%</i>	
7	<i>335</i> <i>673</i>	<i>575-670</i>	<i>33</i>						<i>30%</i>	<i>1st HALF</i>
8	<i>SKIP</i> <i>674</i>	<i>576-671</i>	<i>34</i>						<i>SKIP</i>	<i>From sta 674-678 Due to Houses</i>
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			SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
REMARKS		OBSERVER				PARTY MGR.					

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 25

CLIENT <b>COCOPP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>ALACHUA</b>	DATE <b>1-3-84</b>
CREW NO. <b>6834</b>	TERRAIN <b>SHoulder</b>	WEATHER <b>clear</b>		LINE NO. <b>2</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 ~	AMP	
1	933	pulse	1 - 6 sec			917	OUT	IN		Recorder SET UP 652-653
2	934/935	EINT	2 - " "							5 Vib's, 50 spacing, 206 move up, 44' Behind
3	936/939	DRD	4 - " "							Flag, 16 sec sweep, 16 sweep, 32 sec Record,
4	953/954	Sum Test	2 - " "							
5	960/961	NRT TEST	2 - " "							
6	932	Similarity	1 - 16 sec	236	5	MANTISSA				40%
7	337	wind strip	1 - 32 sec	1						720% NOTE: lots of traffic A long line.
8	338	679	581-676	1	5					30% LAST HALF.
9	339	680	582-677	2						30%
10	340	681	583-678	3						50% Train on line.
11	341	682	584-679	4						30% Stacked 1st half.
12	SKIP	683	585-680	5						SKIP Due to houses
13	SKIP	684	586-681	6						SKIP " " "
14	SKIP	685	587-682	7						SKIP " " "
15	342	686	588-683	8						30% Stacked last half.
16	343	687	589-684	9						30% 1st HALF, STA #693 Open Due to gas station.
17	SKIP	688	590-685	10						SKIP Due to Houses. STA # 703 + 707 Open Due to TOWN.
18	SKIP	689	591-686	11						SKIP " " " SKIP 690-699 Due to houses.
19	SKIP	690	592-687	12						SKIP " " " SKIP 700-725 Due to TOWN.
20	344	726	628-723	1						30% Stacked last half, Moved Recorder to 699-700.
21	345	727	629-724	2						30%
22	346	728	630-725	3						50%
23	347	729	631-726	4						50%
24	348	730	632-727	5						50%
25	349	731	633-728	6						50% NOTE: 4 sweep ONLY. Due to Low shoulder.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8.32 Hz / 16 sec</b>	SWEEP PATTERN <b>see Remarks</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>     X     </b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-V1100's</b>	TYPE GEOPHONE <b>ETL DV22R</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms SAMPLE RATE / 32sec Record Length</b>	OBSERVER <b>N. PATTON, M. Richey</b>	PARTY MGR. <b>L. DAVIS</b>	LINE DIR. <b>N 25</b>		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 20

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>ALACHUA</i>	DATE <i>1-3-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>clear</i>		LINE NO. <i>#2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60~	AMP	
1	732	634-729	7	5	<i>MISS SWEEP</i>	917	OUT	IN	30%	<i>1st HALF E.O.T #917, TAPE MKTS.</i>
2	SKIP	635-730	8			SKIP			SKIP	<i>From sta #733 to 736 SKIP, Due to low shoulder.</i>
3	737	639-734	12		<i>WINDSTIP</i>	918			60%	<i>B.O.T #918, 900 10sec ALLONES.</i>
4	737	639-734	12						30%	
5	738	640-735	13						50%	
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	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.** 27

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Alachua</b>	DATE <b>1-4-84</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>clear</b>	LINE NO. <b>#2</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 ~	AMP	
1	933 PULSE	1-6sec				918	OUT	IN		Recorder set up at 699-700
2	934 EINT	2-11"								5 Vib, 1st Vib 44' Behind Flag, 50' spacing, 20'6
3	936 D.R.D	4-11"								move up, 16sec sweep, 16 sweep, 32sec Record
4	955 sumtest	2-11"								
5	960 N.R.S	2-11"								
6	932 similarity	1-16sec	237	5						40% Lots of traffic along line.
7	354 windstrip	1-32sec	14		MANASSA					60% NOTE: STA# 693, 703, 707, 736, OPEN Due to town.
8	355 739	641-736	14	5						50%
9	356 740	642-737	15							50%
10	357 741	643-738	16							50%
11	358 742	644-739	17							30%
12	SKIP 743	645-740	18							SKIP From STA# 743 to 746 SKIP Due to Houses.
13	359 747	649-744	22							30%
14	360 748	650-745	23							50%
15	361 749	651-746	24							50%
16	362 750	652-747	25							30%
17	SKIP 751	653-748	26							SKIP Due to House.
18	SKIP 752	654-749	27							SKIP From 752 to 754, SKIP Due to House.
19	363 755	657-752	30							30%
20	364 756	658-753	31							50%
21	365 757	659-754	32		1					50%
22	366 758	660-755	33							30% 1st HAIR
23	SKIP 759	661-756	34							SKIP Due to Houses.
24	SKIP 760	662-757	35							SKIP " " "
25	367 761	663-758	36			918				30% E.O.#918, TAPE MKTS.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 > 32Hz/16sec	SWEEP PATTERN see Remarks	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN      X	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-11100's	TYPE GEOPHONE E+LDV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms sample RATE/32sec Record Length	OBSERVER B. Patton, M. Richee	PARTY MGR. L. Davis	LINE DIR. 1 TO 24 N>S		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 28

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>ALACHUA</i>	DATE <i>1-4-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>shoulder</i>	WEATHER <i>clear</i>		LINE NO. <i>#2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	762	664-759	37	5	<i>MISSING SWEEP</i>	919	OCCT	IN	60%	<i>B.O.T #919, 900 10sec ALL ONES.</i>
2	762	664-759	37		<i>WINDSTOP</i>				50%	
3	763	665-760	38						50%	<i>STA #760, OPEN DUE TO DRIVE WAY.</i>
4	764	666-761	39						50%	
5	765	667-762	40						50%	
6	766	668-763	41						50%	
7	767	669-764	42						50%	
8										
9										
10										
11										
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15										
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22										
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

CLIENT <i>Cocopp</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>ALACHUA + Levy</i>	DATE <i>1-5-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>clear</i>		LINE NO. <i>2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60~	AMP	
1	933	Pulse			missed sweeps	919	OUT	IN		Recorder set up at 741-742.
2	934/935	EINT								5 Vibs, 1st Vib 44' Behind Flag, 50' spacing,
3	936/937	DRD								20.6 MOVE UP. 16sec sweep, 16 sweep, 32sec Record
4	953/954	Sum Test								
5	960/961	NRT TEST								
6	932	Similarity	237	5						40% STA# 693, 703, 707, 736, 760, OPEN Due to town.
7	375	Windstrip	1							60% and DRIVE WAYS.
8	376	768	1	5						50%
9	377	769	2							30% ENTERING Levy CO., stacked 1st HALF.
10	SKIP	770	3							SKIP Due to houses
11	SKIP	771	4							SKIP " " "
12	378	772	5							30% stacked last half
13	379	773	6							30% stacked 1st half
14	SKIP	774	7							SKIP Due to SINK Hole.
15	380	775	8							30% stacked last half.
16	381	776	9							50%
17	382	777	10							50%
18	383	778	11							50%
19	384	779	12							50%
20	385	780	13			919				50% E.O.T #919, TAPE MKTS
21	386	781	14	Windstrip		920				60% R.O.T #920, 900 10sec ALLONGS.
22	387	781	14							50%
23	388	782	15							50%
24	389	783	16							50%
25	390	784	17							50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <i>MDS-10</i>
SWEEP FREQUENCY <i>8.3242 / 16sec</i>	SWEEP PATTERN <i>see Remarks</i>	SWEEPS PER PATTERN <i>16</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i>     /     X     /     </i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-V1100's</i>	TYPE GEOPHONE <i>ETLDV225</i>	FREQUENCY <i>7.5HZ</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms sample RATE / 32sec Record length</i>		OBSERVER <i>B. PATTON, M. Richey</i>		PARTY MGR. <i>J. DAVIS</i>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 20

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Levy</i>	DATE <i>1-5-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>clear</i>		LINE NO. <i>#2</i>

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	391	785	687-782	18	5	<i>Missed Sweep</i>	920	OUT	IN	50%	
2	392	786	688-783	19						50%	
3	393	787	689-784	20						50%	
4	394	788	690-785	21						50%	
5	395	789	691-786	22						50%	
6	396	790	692-787	23						50%	
7	397	791	693-788	24						50%	
8	398	792	694-789	25	4					50%	<i>Vib #25865 Down, Broken column Bolt.</i>
9	399	793	695-790	26						50%	
10	400	794	696-791	27						50%	
11	401	795	697-792	28						50%	<i>TRAIN ALONG LINE.</i>
12	402	796	698-793	29		1				50%	
13	403	797	699-794	30						50%	
14	404	798	700-795	31			920			50%	<i>E.O.T #920, TAPE MKKS</i>
15	405	799	701-796	32	<i>wind trip</i>	921				60%	<i>B.O.T #921, 900 10sec ALL ONES.</i>
16	406	799	701-796	32						50%	
17	407	800	702-797	33						50%	
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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Levy</i>	DATE <i>1-6-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>shoulder</i>	WEATHER <i>Clear</i>		LINE NO. <i>#2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	<i>Pulse</i>	<i>1-6sec</i>				<i>921</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET UP AT</i>
2	<i>EINT</i>	<i>2-11 "</i>								<i>9 Vib, 1st Vib 69' Behind FLAG, 50 SPACING</i>
3	<i>D.R.D</i>	<i>4-11 "</i>								<i>20'6 move up.</i>
4	<i>sum test</i>	<i>2-11 "</i>								
5	<i>N.R.J</i>	<i>2-11 "</i>								<i>LOTS OF TRAFFIC Along line.</i>
6	<i>similarity</i>	<i>1-16sec</i>	<i>236</i>	<i>4</i>					<i>40%</i>	<i>Vib #25865 Down, Broken Colcumn Bolt.</i>
7	<i>windstrip</i>	<i>1-32sec</i>	<i>240</i>						<i>60%</i>	<i>STA # 707, 736, 760, OPEN Due to DRIVE WAYS.</i>
8	<i>801</i>	<i>703-798</i>	<i>240</i>	<i>4</i>					<i>50%</i>	
9	<i>802</i>	<i>704-799</i>	<i>1</i>						<i>50%</i>	
10	<i>803</i>	<i>705-800</i>	<i>2</i>		<i>1</i>				<i>50%</i>	
11	<i>804</i>	<i>706-801</i>	<i>3</i>						<i>50%</i>	
12	<i>805</i>	<i>707-802</i>	<i>4</i>						<i>50%</i>	
13	<i>806</i>	<i>708-803</i>	<i>5</i>						<i>50%</i>	
14	<i>807</i>	<i>709-804</i>	<i>6</i>						<i>50%</i>	
15	<i>808</i>	<i>710-805</i>	<i>7</i>						<i>50%</i>	
16	<i>809</i>	<i>711-806</i>	<i>8</i>						<i>50%</i>	
17	<i>810</i>	<i>712-807</i>	<i>9</i>						<i>50%</i>	
18	<i>811</i>	<i>713-808</i>	<i>10</i>						<i>30%</i>	<i>1st HALF.</i>
19	<i>SKIP</i>	<i>714-809</i>	<i>11</i>						<i>SKIP</i>	<i>From STA # 812 to 833 SKIP Due to town.</i>
20	<i>834</i>	<i>736-831</i>	<i>33</i>						<i>50%</i>	<i>Last HALF.</i>
21	<i>835</i>	<i>737-832</i>	<i>34</i>						<i>50%</i>	
22	<i>836</i>	<i>738-833</i>	<i>35</i>			<i>921</i>			<i>50%</i>	<i>E.O.T # 921, TAPE MKTS</i>
23	<i>837</i>	<i>739-834</i>	<i>36</i>	<i>windstrip</i>		<i>922</i>			<i>60%</i>	<i>B.O.T # 922, 900 10sec ALL ONES.</i>
24	<i>837</i>	<i>739-834</i>	<i>36</i>						<i>50%</i>	
25	<i>838</i>	<i>740-835</i>	<i>37</i>						<i>50%</i>	<i>Stacked 1st half.</i>

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8&gt;32Hz/16sec</i>	SWEEP PATTERN <i>see REMARKS</i>	SWEEPS PER PATTERN <i>16</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i>     </i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-V1100's</i>	TYPE GEOPHONE <i>ETLDV22A</i>	FREQUENCY <i>2.5HZ</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms sample RATE / 32sec Record Length</i>	OBSERVER <i>R. PATTON, M. RICHET</i>	PARTY MGR. <i>Z. DAVIS</i>		LINE DIR. <i>1 TO 24 N=5</i>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 32

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Levy</b>	DATE <b>1-9-84</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>clear</b>		LINE NO. <b>#2</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 ~	AMP	
1	Pulse	1-6sec			missed sweep	922	OUT	IN		Recorder set at 811-812
2	EINT	2-11 "								4 Vib, 1st Vib - 69' Behind, 50' spacing, 20.6 move
3	D.R.D	4-11 "								up, 16sec sweep, 16 sweep 32sec Record
4	SUMTEST	2-11 "								5 Vib, 1st Vib - 44' Behind FLAG.
5	N.R.S	2-11 "								
6	similarity	1-16 sec	236	5						40%
7	WINDSTIP	1-32 sec	2							60% STA# 860 OPEN Due to DRIVE WAY.
8	839	741-836	2	5						50% Lots OF TRAFFIC A long LINE.
9	840	742-837	3		1					50%
10	841	743-838	4							50%
11	842	744-839	5							50%
12	843	745-840	6							50%
13	844	746-841	7							30% 1st HAIF
14	SKIP	747-842	8							SKIP Due to HOUSE.
15	SKIP	748-843	9							SKIP Due to SINK hole.
16	SKIP	749-844	10							SKIP Due to NO shoulder.
17	SKIP	750-845	11							SKIP " " " " From STA# 848 to 851 SKIP.
18	852	754-849	15							30% LAST HAIF.
19	853	755-850	16							30% 1st HAIF.
20	SKIP	756-851	17							SKIP Due to HOUSE, STA# 851 OPEN Due to DRIVE WAY.
21	SKIP	757-852	18							SKIP " " "
22	856	758-853	19							50% LAST HAIF.
23	857	759-854	20							50%
24	858	760-855	21							50%
25	859	761-856	22							50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32Hz/16sec</b>	SWEEP PATTERN <b>see Remarks</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>     /     X     /     </b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-Y1100's</b>	TYPE GEOPHONE <b>E+2DK22B</b>	FREQUENCY <b>7.5Hz</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms SAMPLE RATE/32sec Record Length</b>		OBSERVER <b>R. PATTON, M. Richer</b>		PARTY MGR. <b>Z-DAVIS</b>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 23

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Levy</b>	DATE <b>1-9-84</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>Clear</b>		LINE NO. <b>2</b>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60~	AMP		
1	439	860	762-857	23	5		922	OUT	IN	50%	
2	440	861	763-858	24						50%	
3	441	862	764-859	25	1					50%	
4	442	863	765-860	26		922				50%	E.O.T#864, TAPE MKTS
5	443	864	766-861	27	wind strip	923				60%	B.O.T#865, 900 100% ALL ONES.
6	444	864	766-861	27						50%	
7	445	865	767-862	28						50%	
8	446	866	768-863	29						50%	
9	447	867	769-864	30						50%	
10	SKIP	868	770-865	31						SKIP	From STA#868 to 894 SKIP Due to town.
11	448	895	797-892	6						50%	Recorder moved up at STA#863-864.
12	449	896	798-893	7			1st HALF			30%	STA#874 OPEN, Due to Drive way, STA#880,-
13	SKIP	897	799-894	8						SKIP	Due to Drive way, Due to House.
14	SKIP	898	800-895	9						SKIP	Due to House.
15	SKIP	899	801-896	10						SKIP	" " "
16	SKIP	900	802-897	11						SKIP	Due to HI-WAY.
17	450	901	803-898	12						50%	
18	451	902	804-899	13						50%	
19	SKIP	903	805-900	14						SKIP	Due to Building
20	SKIP	904	806-901	15						SKIP	" " "
21	452	905	807-902	16						50%	
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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 34

CLIENT <b>CO CORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Levy</b>	DATE <b>1-12-84</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>cloudy + wet.</b>		LINE NO. <b>#2</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	933	PULSE				923	OUT	IN		Recorder set up 866-867
2	934	EINT								5 Vibs, 1st Vib -44' Behind Flag, 20.6 move up,
3	935	D.R.D								50' spacing, 16sec sweep, 16 sweep, 32sec Record.
4	936	sum test								
5	937	N.R.J.								BACK IN Normal OPERATIONS, I.F.P.
6	932	SIMILARITY	236	5					40%	lots of traffic along line.
7	453	WINDSTRIP	14						60%	STA# 851, 874, 880, OPEN, DUE TO DRIVE WAYS.
8	454	906	808-903	14	5				50%	I.F.P.
9	455	907	809-904	15					50%	
10	456	908	810-905	16					50%	
11	457	909	811-906	17					50%	
12	458	910	812-907	18					50%	
13	459	911	813-908	19					50%	
14	SKIP	912	814-909	20					SKIP	Due to Building
15	460	913	815-910	21					30%	LAST HALF
16	461	914	816-911	22		923			50%	E.O.I.T #923, TAPE MKTS.
17	SKIP	915	817-912	23					SKIP	Due to HOUSE
18	SKIP	916	818-913	24					SKIP	" " "
19	462	917	819-914	25	windstrip	924			72%	R.D.T #924 900 10sec ALL ONES.
20	463	917	819-914	25					50%	
21	464	918	820-915	26					50%	
22	465	919	821-916	27					50%	
23	466	920	822-917	28					50%	
24	467	921	823-918	29					50%	
25	468	922	824-919	30					50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>INDS-10</b>
SWEEP FREQUENCY <b>8 → 32 Hz / 16 sec</b>	SWEEP PATTERN <b>See Remarks</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>     X     </b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-VII00's</b>	TYPE GEOPHONE <b>ETLDV22B</b>	FREQUENCY <b>7.5 HZ</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms SAMPLE RATE / 32sec Record Length</b>			OBSERVER <b>R. PATTON, M. Richey</b>	PARTY MGR. <b>Z. DAVIS</b>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 25

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Levy</i>	DATE <i>1-12-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy + WET.</i>		LINE NO. <i>#2</i>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS	
							LOCUT	60 ~	AMP		
1	469	923	825-920	31	5	<i>missed sweep</i>	924	OUT	IN	50%	
2	470	924	826-921	32						50%	
3	471	925	827-922	33						50%	
4	472	926	828-923	34						50%	
5	473	927	829-924	35						50%	
6	474	928	830-925	36						50%	
7	475	929	831-926	37						50%	
8	476	930	832-927	38						50%	
9	477	931	833-928	39						50%	
10	478	932	834-929	40						50%	
11	479	933	835-930	41						50%	
12	480	934	836-931	42						50%	
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY			SWEEP PATTERN			SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL		LINE DIR. 1 TO 24
REMARKS							OBSERVER			PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 26

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Levy</b>	DATE <b>1-12-84</b>
CREW NO. <b>6834</b>	TERRAIN <b>shoulder</b>	WEATHER <b>cloudy + WET</b>		LINE NO. <b>#2</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 ~	AMP	
1	933	PULSE				924	OUT	IN		Recorder set up 908-909.
2	934	EINT								5 Vibs, 1st Vib - 44' Behind Flag, 50' spacing, 20.6
3	936	D.R.D								MOVE UP, 16sec sweep, 16 sweep, 32sec Record
4	953	slumfest								lots of traffic along line.
5	954	N.R.J.								T.F.P. mode
6	932	similarity	236	5		924			40%	E.O.T #924, TAPE MKTS
7	481	windstrip	1			925			72%	R.O.T #925, 900 10sec ALLONES.
8	482	935	837-932	1	5				30%	1st HAIF
9	SKIP	936	838-933	2					SKIP	Due to Houses, From sta #936 to 947.
10	483	948	850-945	14					50%	LAST HAIF.
11	484	949	851-946	15					50%	
12	485	950	852-947	16					50%	STA #947 OPEN, Due to DRIVE WAY.
13	486	951	853-948	17					50%	
14	SKIP	952	854-949	18					SKIP	STA #952 to 955 SKIP, Due to Houses.
15	487	956	858-953	22					50%	LAST HAIF.
16	488	957	859-954	23					30%	1st HAIF.
17	SKIP	958	860-955	24					SKIP	Due to Houses.
18	SKIP	959	861-956	25					SKIP	From sta #959 to 962 SKIP Due to Houses
19	489	963	865-960	29					30%	LAST HAIF.
20	490	964	866-961	30					50%	
21	491	965	867-962	31					50%	
22	492	966	868-963	32					30%	TRAIN ALONG LINE.
23	SKIP	967	869-964	33					SKIP	Due to Houses, From sta #967 to 970
24	493	971	873-968	37					30%	LAST HAIF.
25	494	972	874-969	38					50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8 &gt; 32 Hz / 16 sec</b>	SWEEP PATTERN <b>see Remarks</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>            x            </b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-VII00's</b>	TYPE GEOPHONE <b>ETLDV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>300'</b>
REMARKS <b>8ms sample RATE / 32sec Record Length</b>			OBSERVER <b>R. PATTON, M. Richey</b>	PARTY MGR. <b>L. DAVIS</b>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Levy</i>	DATE <i>1-13-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy + WET.</i>		LINE NO. <i>#2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS	
							LOCUT	60 ~	AMP		
1	495	973	875-970	39	5	<i>missed Sweep</i>	925	OUT	IN	50%	
2	SKIP	974	876-971	40						50%	<i>Due to House.</i>
3	496	975	877-972	41						50%	
4	497	976	878-973	42						50%	
5	498	977	879-974	43						50%	
6	499	978	880-975	44						50%	
7	500	979	881-976	45			925			50%	<i>1st HALF E.O.T #925, TAPE MKTS</i>
8	SKIP	980	882-977	46			SKIP			50%	<i>From STA #980 to 982 Due to House</i>
9	501	983	885-980	28		<i>windstrip</i>	926			72%	<i>Recorder moved up 929-930. B.O.T #926, 900 / sec ALL</i>
10	502	983	885-980	28						30%	<i>ONES. STACKED LAST HALF.</i>
11	SKIP	984	886-981	29						50%	<i>From STA #984 to 990, Due to HOUSES.</i>
12	503	991	893-988	36						50%	<i>STA #981, 991, OPEN Due to DRIVE WAYS</i>
13	504	992	894-989	37						50%	
14	505	993	895-990	38						50%	
15	506	994	896-991	39						50%	
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS		OBSERVER		PARTY MGR.	LINE DIR. 1 TO 24

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. *24*

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Levy</i>	DATE <i>1-14-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>shoulder</i>	WEATHER <i>cloudy &amp; wet</i>		LINE NO. <i>#2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	933	PULSE				926	MLT	1W		Recorder set up 968-969
2	934	EINT								5 Vib, 1st Vib -44' Behind Flag, 50' spacing, 20.6 move
3	936	D.R.D								up, 16sec sweep, 16 sweep, 32sec Record Length.
4	953	Sumtest								
5	961	N.R.J								
6	932	Similarity	235	5					40%	lots of traffic a long line.
7	507	Windstrip	1						72%	STA #904, 947, 981, OPEN, Due to Drive way.
8	508	995	897-992	1	5				50%	
9	509	996	898-993	2					50%	
10	510	997	899-994	3					50%	
11	511	998	900-995	4					50%	
12	SKIP	999	901-996	5					SKIP	Due to House
13	512	1000	902-997	6					50%	LAST HALF.
14	513	1001	903-998	7					50%	1st HALF
15	SKIP	1002	904-999	8					SKIP	From STA #1002 to 1011, Due to House.
16	514	1012	914-1009	18					50%	LAST HALF STA #1003 open Due to gas station.
17	515	1013	915-1010	19					50%	
18	516	1014	916-1011	20					50%	
19	517	1015	917-1012	21					50%	
20	518	1016	918-1013	22					50%	
21	519	1017	919-1014	23		926			50%	EOT *926 Tape mlt.
22	520	1018	920-1015	24	wind strip	927			60db	BOT *927 *900 10 sec All ones
23	521	1018	920-1015	24					50%	
24	522	1019	921-1016	25					50%	
25	523	1020	922-1017	26					50%	Train on Line.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8 &gt; 32Hz / 16sec</i>		SWEEP PATTERN <i>see Remarks</i>		SWEEPS PER PATTERN <i>16</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i>     x     </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-1100's</i>	TYPE GEOPHONE <i>E+LDWDR</i>	FREQUENCY <i>7.5Hz</i>	STATION INTERVAL <i>370'</i>
REMARKS <i>8ms sample RATE / 32sec Record Length</i>			OBSERVER <i>B. PATTON, M. Richey</i>	PARTY MGR. <i>L. Davis</i>	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division** 29  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Levy</b>	DATE <b>1-14-84</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>Cloudy + wet</b>		LINE NO. <b>2</b>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60~	AMP	
1	524	1021	923-1018	27	5	927	OUT	IN	50%	
2	525	1022	924-1019	28	1				30%	STA*1019 OPEN Due to Road.
3	526	1023	925-1020	29					30%	
4	527	1024	926-1021	30					30%	stacked last half.
5	528	1025	927-1022	31					50%	
6	529	1026	928-1023	32					50%	
7	530	1027	929-1024	33					50%	
8	531	1028	930-1025	34					50%	
9										
10										
11										
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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			SWEEP PATTERN			SWEEPS PER PATTERN			SWEEP PATTERNS PER SETUP		PATCH PATTERN	
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL		LINE DIR. 1 TO 24
REMARKS						OBSERVER			PARTY MGR.			

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCOPP</b>	AREA <b>Florida</b>	STATE <b>Florida</b>	COUNTY <b>Levy</b>	DATE <b>1-16-84</b>
CREW NO. <b>6834</b>	TERRAIN <b>Shoulder</b>	WEATHER <b>cloudy + WET</b>		LINE NO. <b>2</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 ~	AMP	
1	933	Pulse	1 - 6 sec			927	OUT	IN		Recorder set AT 1001-1002.
2	934/935	EINT	2 - " "							5 Vib, 1st Vib -44' Behind Flag, 50' spacing, 20' G
3	936/939	D.R.D	4 - " "							MOVE UP, 16 sec sweep, 16 sweep, 32 sec Record
4	953/954	Sum TEST	2 - " "							
5	960/961	NRJ TEST	2 - " "							
6	932	Similarity	1 - 16 sec	236	5					40% NOTE: lots of traffic A long line
7	532	wind strip	1 - 32 sec	2						720% STA# 947, 981, 1003, 1019, OPEN Due to Drive ways
8	533	1029	931-1026	2	5					50%
9	534	1030	932-1027	3						50%
10	535	1031	933-1028	4						50%
11	536	1032	934-1029	5						50%
12	537	1033	935-1030	6						50%
13	538	1034	936-1031	7		927				50% E.O. + #927, TAPE MARKS
14	539	1035	937-1032	8	wind strip	928				720% B.O. + #928, 900 10 sec ALLONES.
15	540	1035	937-1032	8						30%
16	SKIP	1036	938-1033	9						SKIP Due to House.
17	SKIP	1037	939-1034	10						SKIP " " "
18	541	1038	940-1035	11						50% LAST HALF
19	542	1039	941-1036	12	4					50% Vib # 17311 Downy oil leak.
20	543	1040	942-1037	13						50%
21	544	1041	943-1038	14						50%
22	545	1042	944-1039	15						50%
23	546	1043	945-1040	16	5					50% Vib # 17311 BACK ON LINE.
24	547	1044	946-1041	17						50%
25	548	1045	947-1042	18						50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY <b>8 @ 52Hz / 16 sec</b>	SWEEP PATTERN <b>see Remarks</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>     /   X   /   /   </b>
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-1100's</b>	TYPE GEOPHONE <b>ETLDUR28</b>	FREQUENCY <b>7.5Hz</b>
			STATION INTERVAL <b>330'</b>	LINE DIR. I TO 24 <b>N75</b>

REMARKS <b>8ms Sample RATE / 32sec Record Length</b>	OBSERVER <b>B. PATTON, M. Richey</b>	PARTY MGR. <b>J. Davis</b>
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**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc. 41

CLIENT <i>COCORP</i>	AREA <i>Florida</i>	STATE <i>Florida</i>	COUNTY <i>Levy</i>	DATE <i>1-16-84</i>
CREW NO. <i>6834</i>	TERRAIN <i>Shoulder</i>	WEATHER <i>cloudy + wet.</i>		LINE NO. <i>2</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	549	1046	948-1043	19	5	<i>Missed Sweep</i> 928	OK	IN	50%	
2	550	1047	949-1044	20					30%	LAST HALF
3	551	1048	950-1045	21					50%	
4	552	1049	951-1046	22					50%	
5	553	1050	952-1047	23					50%	
6	554	1051	953-1048	24					50%	
7										
8										
9										
10										
11										
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	