

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>New Hampshire</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-16-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Dirt Road Steep Hills</b>	WEATHER <b>Clear</b>	LINE NO. <b>6</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			NO Sweeps	425	OUT	IN		BOT * 425 * 900 10 sec All ones.
2	934/935 FINT	2 - " "								Recorder set up AT 72
3	936/939 DRD	4 - " "								STA's #1-9 Noisy due TO Rail Road Tracks + Factory
4	953/954 Sum Test	2 - " "								STA # 57 Dead.
5	960/961 NRJ Test	2 - " "								Vib # 12666 Down IN Shop.
6	932 Similarity	1 - 32 sec	225	4						50%
7	001 Wind Strip	1 - 6 sec	-							50%
8	002 68	1 - 63	1	4	6					70%
9	003 69	1 - 64	1		8					70%
10	004 70	1 - 65	1		6					70%
11	005 71	1 - 66	1		8					70%
12	006 72	1 - 67	1		6					70%
13	007 81	1 - 76	1		8					50% VP # 73-80 skip due TO houses.
14	008 84	1 - 79	1		6					50% Stacked last half.
15	009 85	1 - 80	1		8					50% VP # 82 + 83 skip due TO houses
16	010 88	1 - 83	1		6					50% VP # 86 + 87 skip due TO houses.
17	011 95	1 - 90	1		8					50% stacked last half. * 96 + 97 skip due TO houses
18	012 98	1 - 93	1		6	425				50% EOT * 425 Tape MKTS
19	014 99	1 - 94	1		6	426				50% BOT * 426 * 900 10 sec All ones # 013 6 sec windstrip
20	Skip 100	1 - 95	1							Skip Due TO houses.
21	Skip 101	1 - 96	1							Skip
22	Skip 102	2 - 97	2							Skip
23	015 103	3 - 98	3		6					50%
24										Finished For The Day.
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32hz / 32 sec	SWEEP PATTERN 4163	SWEEPS PER PATTERN 6	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233 X 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V 1100's 1-V 900	TYPE GEOPHONE ETL EV22B	FREQUENCY 7.5hz	STATION INTERVAL 330'
REMARKS 8ms sample rate / 52 sec Record length	OBSERVER R. Patton / M. Dickinson	PARTY MGR. P. Davis	LINE DIR. 1 TO 24 NW → SE		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division** 2  
Geosource Inc.

CLIENT <b>Cocorp</b>	AREA <b>New Hampshire</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-17-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top steep Hills</b>	WEATHER <b>Clear</b>		LINE NO. <b>6</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			426	OUT	IN		Recorder set AT 72-73
2	934/935	EINT	2 - " "							STA's 1-9 noise due to Rail Road + Factory
3	936/939	DR.D.	4 - " "							STA's *83 + 91 open due to Drive ways.
4	953/954	Sum TEST	2 - " "							
5	960/961	N.R.J. TEST	2 - " "							Vib # 12666 Down IN Shop.
6	932	Similarity	1 - 32 sec	275	4				50%	
7	016	Wind Strip	1 - 6 sec	4						
8	017	104	4 - 99	4	4				70%	
9	018	105	5 - 100	5					50%	having to shake in Low Drive ONLY IN HI
10	019	106	6 - 101	6					50%	Drive vibs leaving indentations on Black Top.
11	020	107	7 - 102	7					50%	
12	021	108	8 - 103	8					50%	
13	022	109	9 - 104	9					50%	
14	023	110	10 - 105	10					50%	
15	024	111	11 - 106	11					50%	Starting to cloud up Picking up some Flicks.
16	025	112	12 - 107	12		426			50%	EOT * 426 Tape MKTs.
17	027	113	13 - 108	13		427			50%	Bot * 427 * 900 10sec All ones * 026 6 sec wind strip
18	028	114	14 - 109	14					50%	Stacked 1st half
19	skip	115	15 - 110	15					skip	Dele to houses
20	skip	116	16 - 111	16					skip	" " "
21	skip	117	17 - 112	17					skip	" " "
22	029	118	18 - 113	18					50%	
23	030	119	19 - 114	19					50%	
24	031	120	20 - 115	20					50%	
25	skip	121	21 - 116	21					skip	due to house.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 #2 / 32 sec	SWEEP PATTERN 4163	SWEEPS PER PATTERN 6	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233 x 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4 - y 1100's 1 - x 900	TYPE GEOPHONE ETL FV22B	FREQUENCY 7.5 #2	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 52 sec Record Length.	OBSERVER R. Patton	PARTY MGR. Maurin Dickinson		L. Davis	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

CLIENT <b>COCORP</b>	AREA <b>New Hampshire</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-17-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top Steep Hills</b>	WEATHER <b>Partly cloudy</b>		LINE NO. <b>6</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	skip	122	22 - 117	22	4	427	OUT	IN	skip	due to houses
2	032	123	23 - 118	23					50%	stacked last half.
3	033	124	24 - 119	24					50%	stacked 1st half.
4	skip	125	25 - 120	25					skip	due to houses
5	skip	126	26 - 121	26					skip	" " "
6	skip	127	27 - 122	27					skip	" " "
7	034	128	28 - 123	28					50%	STA #122 Dead.
8	skip	129	29 - 124	29					skip	due to house
9	035	130	30 - 125	8					50%	Moved Recorder TO 94-95 STA's #50 + 61 Dead.
10	036	131	31 - 126	9					50%	UP #130 stacked last half.
11	037	132	32 - 127	10					50%	stacked 1st half.
12	skip	133	33 - 128	11					skip	due to house
13	038	134	34 - 129	3					50%	Moved Recorder TO 103-104. Vibs NOT getting TONES.
14	039	135	35 - 130	4		427			50%	EOT # 427 Tape MKTS.
15	skip	136	36 - 131	5					skip	due to houses
16	skip	137	37 - 132	6					skip	due to houses
17										From 138-156 <u>SKIP</u> Due TO TOWN OF
18										UNITY.
19										
20										
21										
22										
23										
24										
25										

Finished For The Day.

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  
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Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>New Hampshire</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-18-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top Steep Hills</b>	WEATHER <b>Cloudy</b>	LINE NO. <b>6</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				428	out	IN		Recorder set at BOT* 428 * 900
2	934/935 FINT	2 - " "								10 sec All ones.
3	936/939 D.R.D.	4 - " "								STA's * 83 + 91 Dead due to Drive wks.
4	953/954 SWM TEST	2 - " "								
5	960/961 NRS TEST	2 - " "								Vib * 12666 Down In Shop.
6	932 Similarity	1 - 32 sec	225	4						50%
7	040 Wind Strip	1 - 6 sec	7							
8	041 157	57 - 152	7							50%
9	042 158	58 - 153	8							50%
10	043 159	59 - 154	9							50%
11	044 160	60 - 155	10							50%
12										Starting to pick up Flicks From Thunder & lightning + Rain. Standing By. waited 1 hour.
13										Thunder + light Rain from time to time Shutting Down.
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 → 32Hz / 32 sec	SWEEP PATTERN 4163	SWEEPS PER PATTERN 6	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233 x 332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 1100's 1-Y 900	TYPE GEOPHONE ETLEU22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 52 sec Record Length	OBSERVER R. Patten	PARTY MGR. F. Davis	LINE DIR. 1 TO 24 NW → SE		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>New Hampshire</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-19-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top Steep Hills</b>	WEATHER <b>Clear + Wet</b>		LINE NO. <b>6</b>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CBP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	933	Pulse	1 - 6 sec			428	OUT	IN		Recorder set AT 132-133
2	934/935	EINT	2 - " "							STA's 83+91 Dead due TO Drive ways.
3	936/939	DRD	4 - " "							
4	953/954	sum TEST	2 - " "							
5	960/961	NRT TEST	2 - " "							Vib *12666 Down IN shop.
6	932	Similarity	1 - 32 sec	225	4				50%	
7	045	wind strip	1 - 6 sec	1						Picking up some leakage on Line.
8	046	161	61 - 156	1	4				50%	LOT OF TRAFFIC Along Line.
9	047	162	62 - 157	2					50%	
10	048	163	63 - 158	3					50%	
11	049	164	64 - 159	4		428			50%	EOT * 428 Tape MKTs
12	SKIP	165	65 - 160	5		429			SKIP	BOT * 429 *900 10sec All ones *050 6sec windstrip.
13	SKIP	166	66 - 161	6					SKIP	Due TO houses, 165-168.
14	SKIP	167	67 - 162	7					SKIP	" " "
15	SKIP	168	68 - 163	8					SKIP	" " "
16	051	169	69 - 164	9		429			50%	
17	052	170	70 - 165	10					50%	stacked 1st half.
18	SKIP	171	71 - 166	11					SKIP	due TO house.
19	053	172	72 - 167	12					50%	
20	054	173	73 - 168	13					50%	
21	SKIP	174	74 - 169	14					SKIP	Due TO houses.
22	055	175	75 - 170	15					50%	
23	056	176	76 - 171	16					50%	
24	057	177	77 - 172	17					50%	
25	058	178	78 - 173	18					50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz / 32 sec		SWEEP PATTERN 4 / 63		SWEEPS PER PATTERN 6	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233 x 332211			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 11005 1-Y 900	TYPE GEOPHONE ETLEU22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 52 sec Record Length			OBSERVER R. Patten / Maurin Dickinson	PARTY MGR. L Davis.	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-19-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top Steep Hills</b>	WEATHER <b>Partly Cloudy</b>	LINE NO. <b>6</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	179	79-174	19	4		429	OUT	IN	50%	Finished For The Day.
2										
3										
4										
5										
6										
7										
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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. 7

CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-22-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top Steep Hills</b>	WEATHER <b>Partly cloudy + wet + windy</b>		LINE NO. <b>6</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			429	OUT	IN		Recorder set AT 147-148
2	934/935	FINT	2 - " "							STA's #83 + 91 Dead due to Drive ways.
3	936/939	D.R.D.	4 - " "							LOT OF TRAFFIC Along Line.
4	953/954	Sum TEST	2 - " "							
5	960/961	NRJ TEST	2 - " "							Vib #12666 Down IN Shop.
6	932	Similarity	1 - 32 sec	225	4	429			50%	EOT # 429 Tape MKTs
7	060	Wind Strip	1 - 6 sec	5		430				Bot # 430 * 900 10 sec All ones.
8	061	180	80 - 175	5	4				50%	
9	062	181	81 - 176	6					50%	
10	063	182	82 - 177	7					50%	
11	064	183	83 - 178	8					50%	
12	065	184	84 - 179	9					50%	
13	066	185	85 - 180	10					50%	
14	067	186	86 - 181	11					50%	
15	068	187	87 - 182	12					50%	
16	069	188	88 - 183	13					50%	
17	070	189	89 - 184	14					50%	
18	071	190	90 - 185	15					50%	
19	072	191	91 - 186	16					50%	
20	073	192	92 - 187	17		430			50%	EOT # 430 Tape MKTs.
21	075	193	93 - 188	18		431			50%	Bot # 431 * 900 10 sec All ones, # 074 6 sec wind strip.
22	076	194	94 - 189	19					50%	
23	077	195	95 - 190	20					50%	Stacked 1st half
24	SKIP	196	96 - 191	21					50%	Skip Due to house's
25	SKIP	197	97 - 192	22					50%	" " "

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz / 32 sec		SWEEP PATTERN 4/63		SWEEPS PER PATTERN 6	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-Y 1100's 1-Y 900	
REMARKS 8ms Sample Rate / 52 sec Record Length		TYPE GEOPHONE ETLEV22B		FREQUENCY 7.5Hz	
OBSERVER K. Patten		PARTY MGR. Maurin Dickinson		STATION INTERVAL 330'	
				LINE DIR. 1 TO 24 NW → SE	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT Cocorp	AREA New England	STATE New Hampshire	COUNTY Sullivan	DATE 7-22-81
CREW NO. 6834	TERRAIN Black Top steep Hills.	WEATHER Partly Cloudy + wet + windy.	LINE NO. lp	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	078	198	98-193	23	4	431	OUT	IN	50%	
2	079	199	99-194	24					50%	
3	080	200	100-195	25					50%	
4	081	201	101-196	26					50%	
5	082	202	102-197	27					50%	
6	SKIP	203	103-198	28					SKIP	Due to house.
7	083	204	104-199	29					50%	
8	SKIP	205	105-200	30					SKIP	Due to house
9	084	206	106-201	31					50%	stacked last half.
10	085	207	107-202	32					50%	stacked 1st half.
11	SKIP	208	108-203	33					SKIP	Due to house.
12	086	209	109-204	34					50%	
13	087	210	110-205	35		431			50%	Foot #431 tape mkt.
14	089	211	111-206	36		432			50%	Bot #432 *900 10sec All ones #088 6 sec wind strip.
15	090	212	112-207	37					50%	stacked 1st half. st# 207 Dead.
16	SKIP	213	113-208	38					SKIP	Due to house. STA# 208 Dead due to Driveway.
17	091	214	114-209	39					50%	stacked 1st half
18	SKIP	215	115-210	40					SKIP	due to house
19										
20										
21										Finished For the Day.
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	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>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-23-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black top Steep Hills</b>	WEATHER <b>Clear + wet</b>	LINE NO. <b>6</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			432	OUT	IN		Recorder set AT 187-188
2	934/935	E.P.A.T	2 - " "							STA's #208 Dead due to Drive way.
3	936/939	D.R.D.	4 - " "							LOT OF TRAFFIC ALONG LINE.
4	953/954	Sum TEST	2 - " "							
5	960/961	NRJ TEST	2 - " "							Vib #12666 Down IN Shop.
6	932	Similarity	1 - 32 sec	225	4				50%	
7	092	Wind strip	1 - 6 sec	1					-	
8	093	216	116 - 211	1	4				50%	
9	094	217	117 - 212	2					50%	
10	095	218	118 - 213	3					50%	Stacked 1st half.
11	096	229	129 - 224	14					50%	From VP* 219 - 228 skip due to TOWN OF Lempsrook.
12	097	230	130 - 225	15					50%	
13	098	231	131 - 226	16					50%	
14	099	232	132 - 227	17		432			50%	EOT* 432 Tape MKTs
15	101	233	133 - 228	18		433			50%	BOT* 433 *900 10 sec All ones *100 6 sec wind strip
16	102	234	134 - 229	19					50%	stacked 1st half.
17	103	235	135 - 230	20					50%	Replaced Jugs on *209 + 220.
18	104	236	136 - 231	21					50%	
19	105	237	137 - 232	22					50%	
20	106	238	138 - 233	23					50%	
21	107	239	139 - 234	5					50%	Moved Recorder TO 206-207. Vibs having
22	108	240	140 - 235	6					50%	Trouble Receiving Tones. Also had to find
23	109	241	141 - 236	7					50%	Reversed Cable.
24	110	242	142 - 237	8					50%	
25	111	243	143 - 238	9					50%	stacked last half.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 → 32 Hz / 32 sec	SWEEP PATTERN 4 16 3	SWEEPS PER PATTERN 6	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233x332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V 1100's 1-V 900	TYPE GEOPHONE ETH EV22B	FREQUENCY 7.5 Hz
STATION INTERVAL 330'		LINE DIR. 1 TO 24 NW → SE		

REMARKS 8ms sample Rate / 52 sec Record Length	OBSERVER B. Patton / Maurin Dickinson	PARTY MGR. J Davis
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**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>		AREA <b>New England</b>			STATE <b>New Hampshire</b>		COUNTY <b>Sullivan</b>		DATE <b>7-23-81</b>	
CREW NO. <b>6834</b>		TERRAIN <b>Black Top + Steep Hills</b>			WEATHER <b>Clear</b>			LINE NO. <b>6</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	112	244	144-239	10	4	433	OUT	IN		EOT # 433 Tape MKTs.
2										
3										Finished For The Day.
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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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.**

CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-25-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top + Steep Hills</b>	WEATHER <b>Clear</b>	LINE NO. <b>6</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				434	OUT	IN		Bot #434 *900 10 sec. All ones.
2	934/935 F.I.N.T.	2 - " "								Recorder set up AT 214-215.
3	936/939 DRD	- " "								STA's #208 DEAD due to Driveway.
4	933/954 Sum TEST	2 - " "								LOT OF TRAFFIC Along Line.
5	960/961 NRT TEST	2 - " "								Vib*12666 Down IN Shop
6	932 Similarity	1 - 32 sec	225	4						50%
7	113 Wind strip	1 - 6 sec	3							-
8	114 245	145 - 240	3	4						50%
9	115 246	146 - 241	4							50%
10	116 247	147 - 242	5							50% STACKED Last half.
11	117 248	148 - 243	6							50%
12	118 249	149 - 244	7							50%
13	119 250	150 - 245	8							50%
14	120 251	151 - 246	9							50%
15	121 252	152 - 247	10							50%
16	122 253	153 - 248	11							50%
17	123 254	154 - 249	12							50%
18	SKIP 255	155 - 250	13							50% Skip Due to house
19	124 256	156 - 251	14			434				50% EOT *434 Tape MKTS
20	126 257	157 - 252	15			435				50% Bot #435 *900 10sec All ones *125 6 sec wind strip.
21	127 262	162 - 257	4							50% Moved Recorder TO 230-231. From 258-261 skip
22	128 263	163 - 258	5							50% Due to TOWN OF East Lempster.
23	129 264	164 - 259	6							50%
24	130 265	165 - 260	7							50%
25	131 266	166 - 261	8							50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 / 32 sec.	SWEEP PATTERN 4163	SWEEPS PER PATTERN 6	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233x332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 1100's 1-Y 900	TYPE GEOPHONE ETL EV22B	FREQUENCY 7.5#2	STATION INTERVAL 330'
REMARKS 8ms sample rate / 52 sec Record Length	OBSERVER R. Patton / Maurin Dickinson	PARTY MGR. S. Davis	LINE DIR. 1 TO 24 NW → SE		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>		AREA <b>New England</b>			STATE <b>New Hampshire</b>		COUNTY <b>Sullivan</b>		DATE <b>7-25-81</b>		
CREW NO. <b>6834</b>		TERRAIN <b>Black top + steep Hills</b>			WEATHER <b>Clear</b>				LINE NO. <b>6</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	132	267	167-262	9	4	435	OUT	IN	50%		
2	133	268	168-263	10					50%		
3	134	269	169-264	11					50%		
4	135	270	170-265	12					50%		
5	136	271	171-266	13					50%		
6	137	272	172-267	14		435			50%	EOT * 435 Tape MKTs	
7	139	273	173-268	15		436			50%	BOT * 436 * 900 10 sec All ones * 138 6 sec windscrip	
8	140	274	174-269	16					50%		
9	141	275	175-270	17					50%		
10	142	276	176-271	18					50%		
11	143	277	177-272	19					50%		
12	144	278	178-273	20					50%		
13	145	279	179-274	21					50%	stacked last half. Note vibs got station off	
14	147	280	180-275	22					50%	Shook VP * 279 Twice. File * 146 Also VP * 279.	
15	skip	281	181-276	23					50%	Due to house	
16	148	282	182-277	24					50%		
17	149	283	183-278	25					50%		
18	skip	284	184-279	26		436			50%	Due to house EOT * 436 Tape MKTs.	
19											
20											
21										Finished For The Day.	
22											
23											
24											
25											
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.
SWEEP FREQUENCY		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>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-26-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top + steep Hills</b>	WEATHER <b>Cloudy</b>	LINE NO. <b>6</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 <b>933</b>	<b>Pulse</b>	<b>1 - 6 sec</b>				<b>437</b>	<b>OUT</b>	<b>IN</b>		<b>Bot #437 *900 10sec All ones</b>
2 <b>934/935</b>	<b>FINT</b>	<b>2 - " "</b>								<b>Recorder set up AT 252-253</b>
3 <b>936/939</b>	<b>D.R.D.</b>	<b>4 - " "</b>								<b>STA #208 Dead due to Drive way.</b>
4 <b>953/954</b>	<b>Swarm Test</b>	<b>2 - " "</b>								<b>STA #281 +305+306 Dead due to Drive ways.</b>
5 <b>960/961</b>	<b>NRT TEST</b>	<b>2 - " "</b>								<b>Vib #12666 Down IN Shop</b>
6 <b>932</b>	<b>Similarity</b>	<b>1 - 32 sec</b>	<b>225</b>	<b>4</b>					<b>50%</b>	<b>LOT OF TRAFFIC ALONG LINE.</b>
7 <b>150</b>	<b>Wind Strip</b>	<b>1 - 6 sec</b>	<b>5</b>							
8 <b>151</b>	<b>285</b>	<b>185 - 280</b>	<b>5</b>	<b>4</b>					<b>50%</b>	
9 <b>152</b>	<b>286</b>	<b>186 - 281</b>	<b>6</b>						<b>50%</b>	
10 <b>153</b>	<b>287</b>	<b>187 - 282</b>	<b>7</b>						<b>50%</b>	
11 <b>154</b>	<b>288</b>	<b>188 - 283</b>	<b>8</b>						<b>50%</b>	
12 <b>SKIP</b>	<b>289</b>	<b>189 - 284</b>	<b>9</b>						<b>50%</b>	<b>Due to Bad Spots IN Road, VibS Leaving Dentitation</b>
13 <b>SKIP</b>	<b>290</b>	<b>190 - 285</b>	<b>10</b>						<b>50%</b>	<b>on Road, #289-291.</b>
14 <b>SKIP</b>	<b>291</b>	<b>191 - 286</b>	<b>11</b>						<b>50%</b>	<b>AFTER SKIP, VibS started 291 INSTEAD OF 292</b>
15 <b>155</b>	<b>292(290)</b>	<b>192 - 287</b>	<b>12</b>						<b>50%</b>	<b>stacked last half. From 290 TO 304 EVERY</b>
16 <b>156</b>	<b>293(291)</b>	<b>193 - 288</b>	<b>13</b>						<b>50%</b>	<b>Thing 2 STATIONS OFF.</b>
17 <b>SKIP</b>	<b>294(292)</b>	<b>194 - 289</b>	<b>14</b>						<b>50%</b>	<b>Due TO house CDP ALSO OFF, VibS 3 station</b>
18 <b>157</b>	<b>295(293)</b>	<b>195 - 290</b>	<b>15</b>						<b>50%</b>	<b>stacked last half. OFFSEt. INSTEAD OF 5 station</b>
19 <b>158</b>	<b>296(294)</b>	<b>196 - 291</b>	<b>16</b>						<b>50%</b>	<b>OFFSEt.</b>
20 <b>159</b>	<b>297(295)</b>	<b>197 - 292</b>	<b>17</b>						<b>50%</b>	<b>stacked last half</b>
21 <b>160</b>	<b>298(296)</b>	<b>198 - 293</b>	<b>18</b>						<b>50%</b>	
22 <b>161</b>	<b>299(297)</b>	<b>199 - 294</b>	<b>19</b>			<b>437</b>			<b>50%</b>	<b>Foot #437 Tape MKTS.</b>
23 <b>163</b>	<b>300(298)</b>	<b>200 - 295</b>	<b>20</b>			<b>438</b>			<b>50%</b>	<b>Bot #438 *900 10 sec All ones #162 6sec, wind strip</b>
24 <b>164</b>	<b>301(299)</b>	<b>201 - 296</b>	<b>21</b>						<b>50%</b>	
25 <b>165</b>	<b>302(300)</b>	<b>202 - 297</b>	<b>22</b>						<b>50%</b>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8 → 32hz / 32 sec</b>		SWEEP PATTERN <b>4163</b>		SWEEP PATTERNS PER SETUP <b>6</b>	
GEOPHONES PER PATCH <b>24</b>		NO. OF RECORDING PATCHES <b>96</b>		TYPE VIBRATOR <b>4-Y 1100s</b>	
TYPE GEOPHONE <b>1-Y 900</b>		TYPE GEOPHONE <b>ETL EV22B</b>		FREQUENCY <b>7.5hz</b>	
REMARKS <b>8ms Sample Rate / 52 sec Record Length</b>		OBSERVER <b>R. Patten</b>		PARTY MGR. <b>P. Davis</b>	
PATCH PATTERN <b>112233x332211</b>			STATION INTERVAL <b>330'</b>		
LINE DIR. <b>1 TO 24 NW → SE</b>					

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>		AREA <b>New England</b>			STATE <b>New Hampshire</b>		COUNTY <b>Sullivan</b>		DATE <b>7-26-81</b>		
CREW NO. <b>6834</b>		TERRAIN <b>Black top + Steep Hills</b>			WEATHER <b>Partly Cloudy</b>			LINE NO. <b>6</b>			
REC.NO.	SWEEP POINT <small>Wrong Right</small>	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60~	AMP		
1	166	303(301)	203-298	23	4	438	OUT	IN	50%		
2	167	304(302)	204-299	24					50%		
3	168	305(303)	205-300	25					50%		
4	169	306(304)	206-301	26					50%		
5	SKIP	305	205-300	25					SKIP	Due to house's	
6	SKIP	306	206-301	26					SKIP	" " "	
7	170	307	207-302	27					50%		
8	SKIP	308	208-303	28					SKIP	due to house	
9	171	309	209-304	29					50%	stacked last half	
10	172	310	210-305	30					50%		
11	173	311	211-306	31					50%		
12	174	312	212-307	32		438			50%	EOT *438 Tape MKTs.	
13											
14										Finished For The Day	
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME	SYSTEM NO.	
SWEEP FREQUENCY		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>COCORP</b>		AREA <b>New England</b>			STATE <b>New Hampshire</b>		COUNTY <b>Sullivan</b>		DATE <b>7-27-81</b>		
CREW NO. <b>6834</b>		TERRAIN <b>Black Top + Steep Hills</b>			WEATHER <b>Partly Cloudy Wet + Windy</b>				LINE NO. <b>6</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				439	OUT	IN		BOT * 439 * 900 10 sec All ones.	
2	934/935	EINT								Recorder set up AT 284-285	
3	936/939	D.R.D.								STA's * 305 + 306 Dead due TO Drive ways.	
4	953/954	Sum TEST									
5	969/961	NRS TEST								Vib * 12666 Down IN Shop.	
6	932	Similarity	225	4					50%	Re walked line Replanted All Jugs.	
7	175	wind strip	1						50%	Picking up TO much leakage Shutting Down.	
8	176	313	213 - 308	1	4				50%	Also very Dark Cloud Coming up From Back	
9	177	314	214 - 309	2					50%	OF line. Also getting Flicks.	
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 → 32 Hz / 32 sec		SWEEP PATTERN 4 / 63		SWEEPS PER PATTERN 6			SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233 x 332211		
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4 - V 1100's 1 - V 900		TYPE GEOPHONE ETLEV 22B		FREQUENCY 7.5 Hz		STATION INTERVAL 330'	
REMARKS 8ms Sample Rate / 52 sec Record Length				OBSERVER R. Patton / Marvin Dickinson		PARTY MGR. L. Davis		LINE DIR. 1 TO 24 NW → SE			

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-29-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black top + steep hills</b>	WEATHER <b>Partly cloudy + wet</b>	LINE NO. <b>6</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			439	OUT	IN		Recorder set up AT 284-285
2	934/935	FIN T	2- " "							STA's *305 + 306 Dead due To Drive ways.
3	936/939	D.R.D.	4- " "							STA *281 open Due To Drive way.
4	953/954	Sum Test	2- " "							
5	969/961	N RJ TEST	2- " "							Vib *12666 Down IN shop.
6	932	Similarity	1-32 sec	225	4				30%	
7	178	wind strip	1-6 sec	3					-	Vibs Shaking IN center OF Road.
8	179	315	215-310	3	4				30%	
9	180	316	216-311	4					30%	
10	181	317	217-312	5					30%	Stacked 1st half.
11	181	317	217-312	5					30%	Stacked 1st half.
11	SKIP	318	218-313	6					SKIP	Due TO house.
12	182	319	219-314	7					30%	
13	183	320	220-315	8					30%	Stacked Last half
14	184	321	221-316	9					30%	
15	185	322	222-317	10		439			30%	EOT *439 Tape MKTs
16	187	323	223-318	11		440			30%	Bot *440 *900 10sec All ones *186 6 sec wind strip.
17	188	324	224-319	12					30%	
18	189	325	225-320	13					30%	
19	190	326	226-321	14					30%	
20	191	327	227-322	15					30%	
21	192	328	228-323	16					30%	
22	193	329	229-324	17					30%	
23	194	330	230-325	18					30%	
24	195	331	231-326	19					30%	
25	196	332	232-327	20					30%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 → 32Hz / 32sec	SWEEP PATTERN 4/63	SWEEPS PER PATTERN 6	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233x332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V 11005 1-V 900	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5Hz
STATION INTERVAL 330'		LINE DIR. 1 TO 24 NW → SE		

REMARKS 8ms Sample Rate / 52 sec Record Length.	OBSERVER R. Patten / Maurin Dickinson	PARTY MGR. L. Davis.
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OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services 17  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>		AREA <b>New England</b>			STATE <b>New Hampshire</b>		COUNTY <b>Sullivan</b>		DATE <b>7-28-81</b>			
CREW NO. <b>6834</b>		TERRAIN <b>Black top + Steep Hills</b>			WEATHER <b>Clear</b>			LINE NO. <b>6</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	197	333	233-328	21	4	440	out	IN	30%			
2	198	334	234-329	22					30%			
3	199	335	235-330	23		440			30%	EOT # 440 Tape MKTs.		
4	201	336	236-331	24		441			30%	Bot # 441 *900 10 sec All ones *200 6 sec wind strip.		
5	202	337	237-332	25					30%			
6	203	338	238-333	26					30%			
7	204	339	239-334	27					30%			
8	205	340	240-335	28					30%	stacked 1st half.		
9	SKIP	341	241-336	29					SKIP	Due to house		
10	206	342	242-337	30					30%	Moved Recorder to 320-321.		
11	207	358	258-353	10					30%	From VP # 343-357 skip due to Town of		
12	208	359	259-354	11					30%	Washington. # 349 Dead due to Driveway.		
13	209	360	260-355	12					30%			
14	210	361	261-356	13					30%			
15	211	362	262-357	14					30%			
16	212	363	263-358	15		441			30%	stacked 1st half.		
17	SKIP	364	264-359	16					SKIP	Due to Body Shop. EOT # 441 Tape MKTs.		
18	214	365	265-360	17		442			30%	stacked last half. Bot # 442 *900 10 sec All ones.		
19	215	366	266-361	18					30%	*213 6 sec wind strip. STA # 361 Dead due to Bridge.		
20	216	367	267-362	19					30%			
21	217	368	268-363	20					30%			
22	218	369	269-364	21					30%			
23	219	370	270-365	22					30%			
24	220	371	271-366	23					30%			
25	SKIP	372	272-367	24					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		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>COCORP</b>		AREA <b>New England</b>		STATE <b>New Hampshire</b>		COUNTY <b>Sullivan</b>		DATE <b>7-28-81</b>			
CREW NO. <b>6834</b>		TERRAIN <b>Black Top + steep Hills</b>		WEATHER <b>Cloudy</b>		LINE NO. <b>6</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	373	273-368	25	4		442	OUT	IN	308	stacked last half. Light mist falling.	
2	374	274-369	26						308		
3										Finished For The Day.	
4											
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		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>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan</b>	DATE <b>7-30-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top + Rolling Hills</b>	WEATHER <b>Partly Cloudy + Wet</b>		LINE NO. <b>6</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 <b>933</b>	<b>Pulse</b>	<b>1 - 6 sec</b>				<b>442</b>	<b>OUT</b>	<b>IN</b>		<b>Recorder set up at 344-345.</b>
2 <b>934/935</b>	<b>EINT</b>	<b>2 - " "</b>								<b>STA's # 281 + 305, 306 All open due to Drive ways.</b>
3 <b>934/939</b>	<b>DRD</b>	<b>4 - " "</b>								<b>* 361 open due to Bridge + 349 Dead due to Drive way.</b>
4 <b>953/954</b>	<b>Sum TEST</b>	<b>2 - " "</b>								<b>LOT OF TRAFFIC Along Line.</b>
5 <b>969/961</b>	<b>NRJ TEST</b>	<b>2 - " "</b>								<b>Vib # 12666 Down IN Shop</b>
6 <b>932</b>	<b>Similarity</b>	<b>1 - 32 sec</b>	<b>227</b>	<b>4</b>					<b>30%</b>	<b>Rewalked Line + Replanted All Jugs.</b>
7 <b>223</b>	<b>Wind Strip</b>	<b>1 - 6 sec</b>	<b>3</b>						<b>-</b>	
8 <b>224</b>	<b>375</b>	<b>275 - 370</b>	<b>3</b>	<b>4</b>					<b>30%</b>	
9 <b>225</b>	<b>376</b>	<b>276 - 371</b>	<b>4</b>			<b>442</b>			<b>30%</b>	<b>EOT # 442 TAPE MKTS.</b>
10 <b>227</b>	<b>377</b>	<b>277 - 372</b>	<b>5</b>			<b>443</b>			<b>30%</b>	<b>Bot # 443 * 900 10 sec All ones # 226 6sec. wind strip.</b>
11 <b>228</b>	<b>378</b>	<b>278 - 373</b>	<b>6</b>						<b>30%</b>	<b>Vib # 14256 Down Pump went out.</b>
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8 → 32 Hz / 32 sec</b>		SWEEP PATTERN <b>4163</b>		SWEEPS PER PATTERN <b>6</b>	
GEOPHONES PER PATCH <b>24</b>		NO. OF RECORDING PATCHES <b>96</b>		TYPE VIBRATOR <b>4-1 1100's</b>	
TYPE GEOPHONE <b>ETL EV 22B</b>		FREQUENCY <b>7.5 Hz</b>		STATION INTERVAL <b>330'</b>	
REMARKS <b>8 ms Sample Rate / 52 sec Record Length</b>		OBSERVER <b>R. Patten / Maurin Dickinson</b>		PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>Co Corp</b>		AREA <b>NEW ENGLAND</b>			STATE <b>NEW HAMPSHIRE</b>		COUNTY <b>SULLIVAN</b>		DATE <b>7-31-81</b>		
CREW NO. <b>6834</b>		TERRAIN <b>BLACK TOP + ROLLING HILLS</b>			WEATHER <b>CLEAR + WET</b>				LINE NO. <b>6</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.				443	OUT	IN		Recorder set AT 344-345.	
2	<sup>934</sup> 935 FINT	2- " "								STA's #281, 305, 306 + 349 All open due to Drive ways. #361 open due to Bridge. Lot of Traffic Along Line. Now going to 8sweeps. per. STATION. Vibs MOVE UP } Vib # 12666 Down IN Shop. } Now. 41.25' per } Move up. }	
3	<sup>936</sup> 939 DRD	4- " "									
4	<sup>933</sup> 954 Sum TEST	2- " "									
5	<sup>960</sup> 961 NRJ TEST	2- " "									
6	932 SIMILARITY	1-32 SEC.	227	4					30%		
7	229 WINDSTRIP	1-6 SEC.	7							Grader working on line AT 322-323.	
8	230 379	279-374	7	4					30%		
9	231 380	280-375	8						30%		
10	232 381	281-376	9						30%		
11	SKIP 382	282-377	10						SKIP	Due to houses	
12	SKIP 383	283-378	11						SKIP	" " "	
13	SKIP 384	284-379	12						SKIP	" " "	
14	233 385	285-380	13						30%	Stacked last half.	
15	234 386	286-381	14						30%		
16	235 387	287-382	15						30%	Stacked 1st half.	
17	SKIP 388	288-383	16						SKIP	Due to house	
18	236 389	289-384	17						30%	stacked last half.	
19	237 390	290-385	4						30%	Moved Recorder to 358-359.	
20	238 391	291-386	5			443			30%	EOT #443 Tape MKTS.	
21	SKIP 392	292-387	6						SKIP	Due to houses	
22	SKIP 393	293-388	7						SKIP	" " "	
23	240 394	294-389	8			444			30%	Bot #444 *900 10sec All axes #2 9 6sec wind strip.	
24	241 395	295-390	9						30%		
25	242 396	296-391	10						30%		
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 32 SEC.		SWEEP PATTERN 4163		SWEEPS PER PATTERN 8			SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x332211		
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-4 1100 1-4 900		TYPE GEOPHONE ETL EU 22 B		FREQUENCY 7.5 HZ		STATION INTERVAL 330'	
REMARKS 8 ms SAMPLE RATE / 52 SEC. RECORD LENGTH		OBSERVER R. Patten / Mavin Dickinson		PARTY MGR. L Davis		LINE DIR. 1 TO 24 NW → SE					

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>		AREA <b>New England</b>		STATE <b>New Hampshire</b>		COUNTY <b>Sullivan</b>		DATE <b>7-31-81</b>		
CREW NO. <b>6834</b>		TERRAIN <b>Black Top + Rolling Hills</b>		WEATHER <b>Clear</b>		LINE NO. <b>6</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	243	397	297-392	11	4	444	OUT	IN	30%	
2	SKIP	398	298-393	12					30%	Due to house.
3	244	399	299-394	13					30%	
4	245	400	300-395	14					30%	
5	246	401	301-396	1					30%	Moved Recorder TO 372-373 vib having -
6	247	402	302-397	2					30%	Trouble Receiving tones.
7	248	403	303-398	3					30%	
8	249	404	304-399	4					30%	stacked 1st half.
9	SKIP	405	305-400	5					30%	Due to house
10	250	406	306-401	6					30%	
11	251	407	307-402	7					30%	
12	252	408	308-403	8		444			30%	EOT * 444 Tape mkt.
13	SKIP	409	309-404	9					30%	Due to house
14	254	410	310-405	4		445			30%	Bot * 445 * 900 10sec All ones * 253 6 sec wind strip.
15	255	411	311-406	5					30%	Moved Recorder TO 378-379 vibs having -
16	256	412	312-407	6					30%	trouble Receiving TONES.
17	257	413	313-408	7					30%	
18	258	414	314-409	8					30%	
19	259	415	315-410	9					30%	
20	260	416	316-411	10					30%	
21	261	417	317-412	11					30%	
22	262	418	318-413	12					30%	
23										Finished For The Day.
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.

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CLIENT		AREA		STATE		COUNTY		DATE			
COCORP		New England		New Hampshire		Sullivan		8-1-81			
CREW NO.		TERRAIN		WEATHER		LINE NO.					
6834		Black Top Rolling Hills		Clear		6					
REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F LOCUT	L T E R 60 ~ AMP	REMARKS		
1	933	Pulse	1 - 6 sec			445	OUT	IN	Recorder set AT 388-389		
2	<del>934</del> 935	EINT	2 - " "						STA. * 349 open due to Drive way + 361 open due to		
3	<del>936</del> 939	D.R.D.	4 - " "						Bridge. * 420 open due to Drive way.		
4	<del>953</del> 954	Sum TEST	2 - " "						LOT OF TRAFFIC ALONG LINE.		
5	<del>960</del> 961	N.R.T. TEST	2 - " "						Vib * 12666 DOWN IN SHOP.		
6	932	Similarity	1 - 32 sec	227	4				30%		
7	263	Wind Strip	1 - 6 sec	3					-		
8	264	419	319 - 414	3	4	445			EOT * 445 NO TAPE METS ON TAPE.		
9	266	420	320 - 415	4		446			BOT * 446 * 900 10 sec over * 420 stacked 1st half.		
10	267	433	333 - 428	17					* 265 6 sec. wind strip. had transport problem		
11	SKIP	434	334 - 429	18					SKIP DIRTY CONTACTS ON CARD. FROM UP * 421 - 432		
12	268	435	335 - 430	19					ALL SKIP DUE TO HOUSES. * 434 skip due to house		
13	269	436	336 - 431	20					* 435 stacked last half.		
14	270	437	337 - 432	21					30%		
15	271	438	338 - 433	22					30%		
16	272	439	339 - 434	23					30%		
17	273	440	340 - 435	24					30%		
18											
19									Finished For the Day.		
20									Traffic too heavy.		
21											
22											
23											
24											
25											
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY		SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN			
8 → 32 Hz / 32 sec		4163		8		1		112233 X 332211			
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
24		96		4-Y 1100's 1-Y 900		ETZ EV 228		7.5 Hz		330'	
REMARKS		LINE DIR. 1 TO 24		OBSERVER		PARTY MGR.					
8 ms sample rate / 52 sec Record Length		NW → SE		R. Patton		P. Davis					

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan + Hillsborough</b>	DATE <b>8-3-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top + Rolling Hills</b>	WEATHER <b>Clear</b>		LINE NO. <b>6</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			446	OUT	IN		Recorder set AT 409-410
2	934/935	EINT	2 - " "							STA# * 349 + 420 open Due to Drive ways.
3	936/939	DRD	4 - " "							*361 open due to Bridge
4	933/934	Sum TEST	2 - " "							LOT OF TRAFFIC Along Line.
5	969/961	NRJ TEST	2 - " "							Vib * 12666 Down.
6	932	Similarity	1 - 32 sec	227	4				30%	From 400 - 405 Hwy Crew working on Road.
7	274	Wind strip	1 - 6 sec	4					-	
8	275	441	341 - 436	4	4				30%	
9	276	442	342 - 437	5		446			30%	EOT * 446 Tape MKTS
10	278	443	343 - 438	6		447			30%	Bot * 447 * 900 10sec All ones * 277 6sec wind strip
11	279	444	344 - 439	7					30%	
12	280	445	345 - 440	8					30%	
13	281	446	346 - 441	9					30%	Stacked 1st half.
14	282	452	352 - 447	15					30%	From * 447 - 451 skip Due to houses.
15	283	453	353 - 448	16					30%	
16	284	454	354 - 449	17					30%	
17	285	455	355 - 450	18					30%	
18	286	456	356 - 451	19					30%	
19	287	457	357 - 452	20					30%	VP * 458 EOT * 447 Tape MKTS.
20	288	458	358 - 453	240		447			30%	Moved Recorder TO 430-431 Tr. #1 Dead.
21	290-297	459	359 - 454	1 Dumped	Every	448	sweep.		30%	Bot * 448 * 900 10sec All ones * 289 6sec wind strip.
22	SKIP	460	360 - 455	2					SKIP	ON VP * 459 dumping Every Sweep. Stacked 1st half.
23	SKIP	461	361 - 456	3					SKIP	Due to houses.
24	298	462	362 - 457	4 Normal		448	8 sweeps		30%	Normal 8 sweeps EOT * 448 Tape MKTS
25	300-307	463	363 - 458	5 Dumped	Every	449	sweep.		30%	Bot * 449 * 900 10sec All ones * 299 6sec wind strip.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 → 32Hz / 32 sec	SWEEP PATTERN 4163	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233X332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V 11005 1-V 900	TYPE GEOPHONE ETLEV 22B	FREQUENCY 7.5Hz
STATION INTERVAL 3.30'		LINE DIR. 1 TO 24 NW → SE		

REMARKS 8ms Sample Rate / 52 sec Record Length	OBSERVER R. Patten	PARTY MGR. L. Davis.
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OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Sullivan Hillsborough</b>	DATE <b>8-3-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black top + Rolling Hills</b>	WEATHER <b>Clear</b>	LINE NO. <b>6</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	308 464	364-459	6	4		449	OUT	IN	30%	Normal 8 sweeps. EOT * 449 Tape MKTs.
2	310-317 465	365-460	7	Dumped	Every	450	Sweep.		30%	Bot * 450 * 900 10sec All ones * 309 6sec wind strip.
3	318 466	366-461	8	Normal		450	8 sweeps.		30%	stacked 1st half. EOT * 450 Tape MKTs.
4	320 489	389-484	16			451			30%	Bot * 451 * 900 10sec All ones * 319 6sec wind strip
5	321 490	390-485	17						30%	Moved Recorder TO 445-446. STA. * 483 open.
6										From * 467 - 488 skip due TO Town, Hillsborough
7										upper village. Rt up * 489 going Back TO
8										Normal 8 sweeps. From 491-503 skip due
9										TO houses.
10										Finished For the Day.
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** 25  
**Division**  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-4-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Dirt Road Rolling Hills</b>	WEATHER <b>Partly cloudy</b>	LINE NO. <b>6</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				451	OUT	IN		Recorder set AT 465-466
2 934/935	EINT	2 - " "								STA* 420 open Due to Drive way.
3 936/939	D.R.D.	4 - " "								STA* 508 open Due to house + *523 open due to Road.
4 953/954	Swam TEST	2 - " "								LOT OF TRAFFIC ALONG LINE
5 960/961	NRT TEST	2 - " "								Vib* 12666 Down Couldnt get Sims with ET.
6 932	Similarity	1 - 32 sec	227	4					30%	STA* 404 + 405 Dead had to pick up cables + Jugs
7 322	Windstrip	1 - 6 sec	11						-	men working on Road there.
8 323	504	404 - 499	11	4					50%	stacked last half
9 324	505	405 - 500	12						50%	
10 325	506	406 - 501	13						30%	stacked 1st half
11 SKIP	507	407 - 502	14						SKIP	Due to houses
12 SKIP	508	408 - 503	15						SKIP	" " "
13 326	509	409 - 504	16						30%	
14 327	510	410 - 505	17						50%	30% Drive on last half due to house.
15 328	511	411 - 506	18						50%	
16 329	512	412 - 507	19						30%	
17 SKIP	513	413 - 508	20						SKIP	Due to house.
18 330	514	414 - 509	21			451			30%	EOT* 451 Tape mkts.
19 SKIP	515	415 - 510	22						SKIP	Due to houses
20 SKIP	516	416 - 511	23						SKIP	" " "
21 SKIP	517	417 - 512	24						SKIP	" " "
22 332	518	418 - 513	25			452			50%	BOT* 452 * 900 10 sec All ones * 331 6 sec wind strip
23 333	519	419 - 514	26						50%	
24 334	520	420 - 515	27						50%	
25 335	521	421 - 516	6						50%	Moved Recorder to 487-488.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 → 32Hz / 32 sec	SWEEP PATTERN 4163	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233x332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V 1100's 1-V 900	TYPE GEOPHONE FTLEV228	FREQUENCY 7.5Hz
REMARKS 8ms Sample Rate / 52 sec Record Length		OBSERVER R. Patton	PARTY MGR. L. Davis	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services 26  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-4-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Dirt Road + Rolling Hills + Black Top</b>	WEATHER <b>Partly Cloudy</b>		LINE NO. <b>6</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	336	522	422-517	7	4	452	OUT	IN	30%	
2	337	523	423-518	8					50%	
3	338	524	424-519	9					50%	
4	339	525	425-520	10					50%	
5	340	526	426-521	11					50%	
6	341	527	427-522	12					30%	
7	SKIP	528	428-523	13					SKIP	Due to house
8	342	529	429-524	14					30%	stacked last half
9	343	530	430-525	15		452			30%	EOT * 452 Tape MKTs.
10	SKIP	531	431-526	16					SKIP	Due to house.
11	345	532	432-527	17		453			30%	BOT * 453 * 900 10 sec Allowes * 344 6 sec wind strip.
12	346	533	433-528	18					30%	Vibs now back on Black Top.
13	SKIP	534	434-529	19					SKIP	* 534-537 skip due to houses.
14	347	538	438-533	23					30%	
15	348	539	439-534	24					30%	
16	349	540	440-535	25					30%	
17	350	541	441-536	26					30%	stacked last half.
18	SKIP	542	442-537	27					SKIP	Due to house + water well.
19	351	543	443-538	28					30%	stacked last half.
20	352	544	444-539	29					30%	
21	353	545	445-540	30					30%	
22	354	546	446-541	31					30%	stacked 1st half.
23										From * 547-564 skip due to houses.
24										
25										Finished For The Day.

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>New England</b>		STATE <b>New Hampshire</b>		COUNTY <b>Hillsborough</b>		DATE <b>8-6-81</b>			
CREW NO. <b>6834</b>		TERRAIN <b>Black Top &amp; Gravel Road</b>		WEATHER <b>Partly cloudy wet + windy</b>		LINE NO. <b>6</b>					
REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F L T E R	REMARKS			
1	933	Pulse				453	OUT IN	Recorder set AT 535-536			
2	934/935	FNPT						STA* 508 open Due to house + *523 open Due to			
3	936/939	DRD						Roads #574 open Due to Road.			
4	953/954	Sum TEST						Lot of Traffic Along line.			
5	960/961	NRJ TEST						Vib* 12666 Down			
6	932	Similarity	227	4		453		30%	EOT* 453 Tape MKTs.		
7	355	wind strip	2			454		-	Bot* 454 *900 10 sec All ones.		
8	356	565	465-560	2	4			30%	Wind picking up.		
9	skip	566	466-561	3				SKIP	Due to house		
10	357	567	467-562	4				30%			
11	skip	568	468-563	5				SKIP	Due to house		
12	skip	569	469-564	6				SKIP	Due to house		
13	358	570	470-565	7				30%	Vib* 12667 Down Temp. Broken wire on SiLNoid.		
14	359	571	471-566	8				30%			
15	360	579	479-574	16				30%	From 572-578 skip due to houses.		
16	361	580	480-575	17				30%	Vibs now on Gravel Road.		
17	362	581	481-576	18				50%			
18	363	582	482-577	19				50%			
19	364	583	483-578	20				30%			
20	365	588	488-583	25				30%	stacked last half. *584-587 skip due to houses.		
21	366	589	489-584	26				30%			
22	skip	590	490-585	27				SKIP	Due to houses		
23	367	591	491-586	28		454		30%	stacked last half. EOT* 454 Tape MKTs.		
24	369	592	492-587	29		455		30%	Bot* 455 *900 10 sec All ones #368 6 sec wind strip.		
25	skip	593	493-588	30				SKIP	Due to house.		
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY 8 → 32 Hz / 32 sec		SWEEP PATTERN 4163		SWEEPS PER PATTERN 8		SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x332211			
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-Y 1100's 1-Y 900		TYPE GEOPHONE ETL EV22B		FREQUENCY 7.5 Hz		STATION INTERVAL 330'	LINE DIR. 1 TO 24 NW → SE
REMARKS 8ms Sample Rate / 52sec Record Length						OBSERVER R. Patten		PARTY MGR. Mark Richey & Davis			

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services 28  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>		AREA <b>New England</b>		STATE <b>New Hampshire</b>		COUNTY <b>Hillsborough</b>		DATE <b>8-6-81</b>			
CREW NO. <b>6834</b>		TERRAIN <b>Gravel Road</b>		WEATHER <b>partly cloudy</b>		LINE NO. <b>6</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	370	594	494-589	31	4	455	OUT	IN	30%	Stacked last half.	
2	371	595	495-590	32					50%		
3	372	596	496-591	33					50%		
4	373	597	497-592	34					50%		
5	374	598	498-593	35					50%		
6	375	599	499-594	36					50%		
7	skip	600	500-595	37					skip	Due to house	
8	376	601	501-596	38					50%		
9	377	602	502-597	39					50%		
10	378	603	503-598	40	Back to	6	sweeps.		30%	Now going back to 6 sweeps per station.	
11	skip	604	504-599	41					skip	Due to house's	
12	skip	605	505-600	42					skip	" " "	
13	379	606	506-601	43					50%		
14	380	607	507-602	44		455			50%	EOT * 455 Tape MKTs. Moved Recorder to 548-549.	
15	382	608	508-603	32		456			50%	Bot * 456 * 900 10sec All ones * 381 6 sec wind strip.	
16	383	609	509-604	33					30%	stacked 1st half	
17	skip	610	510-605	34					skip	Due to house's	
18	384	611	511-606	35					30%	stacked last half.	
19	385	612	512-607	36					50%		
20	386	613	513-608	37					50%		
21										Finished For The Day	
22											
23											
24										No Correlated records due to 5 Volt Power Supply out. Slow delivery by Airliner Controller Strike.	
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** 29  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-7-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Dirt Road + Rolling Hills</b>	WEATHER <b>Partly cloudy</b>	LINE NO. <b>6</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			456	OUT	IN		Recorder set AT 583-584
2	934/935	FINT	2- " "							STA* 523 574 Open Due TO Roads * 626 open
3	936/939	D.R.D.	4- " "							Due TO Driveway.
4	953/954	Sum TEST	2- " "							LOT OF TRAFFIC Along Line.
5	969/961	NRT TEST	2- " "							Vib* 12666 Down Being Rewired.
6	932	Similarity	1-32 sec	227	4				30%	
7	387	Wind strip	1-6 sec	3						
8	388	614	514-609	3	4				30%	
9	389	615	515-610	4					30%	Stacked 1st half
10	SKIP	616	516-611	5					SKIP	Due to house
11	390	617	517-612	6					50%	
12	391	618	518-613	7					50%	
13	392	619	519-614	8					50%	
14	393	620	520-615	9		456			50%	EOT* 456 Tape MKTs.
15	395	621	521-616	10		457			50%	BOT* 457 *900 10sec All ones * 394 to see wind strip
16	396	622	522-617	11					50%	
17	397	623	523-618	12					50%	
18	398	624	524-619	13					30%	Stacked 1st half
19	SKIP	625	525-620	14					SKIP	Due TO GOLF Course Buildings.
20	SKIP	626	526-621	15					SKIP	" " " " "
21	SKIP	627	527-622	16					SKIP	" " " " "
22	399	628	528-623	2					30%	Moved Recorder TO 598-599
23	400	629	529-624	3					50%	Wind picking up.
24	401	630	530-625	4					50%	
25	402	631	531-626	5					50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz / 32 sec		SWEEP PATTERN 4/63		SWEEPS PER PATTERN 6	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-Y1100's 1-Y 900	
TYPE GEOPHONE Fr LEV22B		FREQUENCY 7.5Hz		STATION INTERVAL 330'	
REMARKS 8ms Sample Rate / 52 sec Record Length		OBSERVER R. Patton		PARTY MGR. L. Davis	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT		AREA		STATE		COUNTY		DATE		
COCORP		New England		New Hampshire		Hillsborough		8-7-81		
CREW NO.		TERRAIN		WEATHER		LINE NO.				
6834		Dirt Road + Rolling Hills		Clear		6				
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	403	632	532-627	6	4	457	OUT	IN	50%	
2	404	633	533-628	7					50%	
3	405	634	534-629	8					50%	
4	406	635	535-630	9					50%	
5	407	636	536-631	10		457			50%	FOT # 457 Tape MKTs.
6	409	637	537-632	11		458			30%	BOT # 458 *900 10 sec All ones # 408 6 sec wind strip
7	SKIP	638	538-633	12					SKIP	Due to house
8	410	639	539-634	13					30%	stacked last half
9	411	640	540-635	14					30%	stacked 1st half
10	SKIP	641	541-636	15					SKIP	Due to house's
11	SKIP	642	542-637	16					SKIP	" " "
12	412	643	543-638	17					30%	
13	SKIP	644	544-639	18					SKIP	Due to house
14	413	645	545-640	19					30%	
15	414	646	546-641	20					50%	
16	415	647	547-642	21					50%	
17	416	648	548-643	22					50%	
18	417	649	549-644	23					30%	stacked 1st half.
19	SKIP	650	550-645	24					SKIP	Due to house
20	418	651	551-646	11					30%	stacked last half. Moved Recorder to 612-613.
21	419	652	552-647	12					30%	ON # 651 Vibs Now ON Black Top.
22	420	653	553-648	13					30%	
23	421	654	554-649	14		458			30%	FOT # 458 Tape MKTs
24	422	655	555-650	15		459			30%	BOT # 459 *900 10 sec All ones # 422 6 sec wind strip.
25	424	656	556-651	16					30%	
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>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-7-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top Rolling Hills</b>	WEATHER <b>Clear</b>	LINE NO. <b>6</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	657	557-652	17	4		459	OUT	IN	30%	
2	658	558-653	18						30%	
3	659	559-654	19						30%	Stacked 1st half
4	660	560-655	20						30%	
5	SKIP	561-656	21						SKIP	Due to house
6	662	562-657	22						30%	Stacked Last half
7	663	563-658	23						30%	* 663 shook wrong CDP Pos. IN 22 should have been 23.
8	SKIP	564-659	24						SKIP	Due to house
9	665	565-660	25						30%	Stacked Last half.
10	SKIP	566-661	26						SKIP	Due to house.
11										
12										Finished For The Day.
13										
14										
15										
16										
17										No Correlator 5Volt Power Supply out
18										One Ordered from Houston & one from Medford.
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>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-8-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top + Rolling Hills</b>	WEATHER <b>Cloudy</b>	LINE NO. <b>6</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				459	out	IN		Recorder set AT 638-639
2	834/935 EINT	2 - " "								STA * 574 open Due TO Road * 626 open Due TO Large Drive way.
3	936/939 DRD	4 - " "								LOT OF TRAFFIC ALONG FRONT OF LINE
4	953/954 Sum TEST	2 - " "								Vib * 12666 Back on Line.
5	960/961 NRS TEST	2 - " "								
6	932 Similarity	1 - 32 sec	227	5'					30%	
7	432 wind STRIP	1 - 6 sec	1						-	
8	433 667	567-662	1			459			30%	Stacked Last half Eot * 459 Tape MKTS. LOT OF TRAFFIC on Line. Light Rain Shutting Down.
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 → 32 Hz / 32 sec	SWEEP PATTERN 4163	SWEEPS PER PATTERN 6	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 11 22 33 x 33 22 11	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 1100s 1-Y 900	TYPE GEOPHONE ETL EU 22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 52 sec Record Length	OBSERVER R. Patton	PARTY MGR. J. Davis			

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc. 33

(Correlator backin operation)

CLIENT <b>COCORP</b>	AREA <b>NEW ENGLAND</b>	STATE <b>NEW HAMPSHIRE</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-11-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black TOP - Rolling Hills</b>	WEATHER <b>Clear + wet</b>		LINE NO. <b>6</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			460	OUT	IN		ROT * 460 * 900 10sec All ones.
2	934/935	FIAT	2-11-11							Recorder SET At 639-640
3	936/939	D.R.D	4-11-11							STA * 574 open Due To Road * 626 open Due To Drive way, * 682, 683 + 685 All open Due To houses.
4	953/954	Sim test	2-11-11							Vib * 16344 Down, having pad repaired.
5	960/961	NRJ test	2-11-11							
6	932	similarity	1-32 sec	227	4				30%	
7	434	wind strip	1-6 sec	1						LOT OF TRAFFIC ALONG LINE
8	435	668	568-663	1	4				30%	
9	SKIP	669	569-664	2					SKIP	Due TO house
10	436	670	570-665	3					30%	stacked last half.
11	437	671	571-666	4					30%	
12	438	672	572-667	5					30%	stacked 1st half.
13	439	676	576-671	9					30%	* 673-675 skip due To houses.
14	440	677	577-672	10					30%	stacked 1st half.
15	441	694	594-689	8					30%	moved Recorder TO 658-659,
16	442	695	595-690	9					30%	From 678-693 skip Due to TOWN OF Frances TOWN.
17	443	696	596-691	10					30%	wind picking up.
18	444	697	597-692	11		460			30%	EOT * 460 Tape MKTs.
19	SKIP	698	598-693	12					SKIP	Due TO house. VP * 699 stacked last half.
20	446	699	599-694	13		461			30%	ROT * 461 * 900 10sec All ones * 445 6 sec wind strip.
21	447	700	600-695	14					30%	stacked 1st half.
22	SKIP	701	601-696	15					SKIP	Due TO Cemetary
23	SKIP	702	602-697	16					SKIP	" " "
24	SKIP	703	603-698	17					SKIP	" " "
25	448	704	604-699	18					30%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8 → 32 / 32 sec</b>	SWEEP PATTERN <b>4 / 63</b>	SWEEPS PER PATTERN <b>6</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-Y 1100's</b>	TYPE GEOPHONE <b>1-Y 900</b>	FREQUENCY <b>ETLEV228 7.5 Hz</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms sample RATE / 52 sec Record Length</b>		OBSERVER <b>R. Patten - Mark Richay</b>	PARTY MGR. <b>L. Davis</b>		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>		AREA <b>New England</b>		STATE <b>New Hampshire</b>		COUNTY <b>Hillsborough</b>		DATE <b>8-11-81</b>			
CREW NO. <b>6834</b>		TERRAIN <b>Black top - Rolling Hills</b>		WEATHER <b>Clear + windy</b>		LINE NO. <b>6</b>					
REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F LOCUT	L T E R 60 ~	AMP	REMARKS	
1	449	705	605-700	19	4	461	OUT	IN	308		
2	450	706	606-701	20					30		
3	451	707	607-702	21					30	Stacked 1st half	
4	SKIP	708	608-703	22					SKIP	Due to house	
5	SKIP	709	609-704	23					SKIP	Due to Intersection.	
6	452	710	610-705	24					308		
7	453	711	611-706	25					308		
8	SKIP	712	612-707	26					SKIP	Due to house.	
9	SKIP	713	613-708	27					SKIP	Due to Bridge	
10	454	714	614-709	28					308	*709 open Due to Hwy.	
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		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. 35

CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-12-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black top Rolling Hills</b>	WEATHER <b>Partly cloudy &amp; wet</b>		LINE NO. <b>6</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 <b>933</b>	<b>Pulse</b>	<b>1 - 6 sec</b>				<b>461</b>	<b>out</b>	<b>IN</b>		<b>Recorder set AT 685-686</b>
2 <b>934/935</b>	<b>FINT</b>	<b>2 - " "</b>								<b>* 626 open Due TO Drive way. * 709 open Due TO Hux</b>
3 <b>936/939</b>	<b>DRD</b>	<b>4 - " "</b>								<b>STAs 682, 683 + 685 All open Due TO houses.</b>
4 <b>953/954</b>	<b>Sum TEST</b>	<b>2 - " "</b>								
5 <b>969/961</b>	<b>NRS TEST</b>	<b>2 - " "</b>								<b>Vib # 16344 Down having pad Repaired.</b>
6 <b>932</b>	<b>Similarity</b>	<b>1 - 32 sec</b>	<b>227</b>	<b>4</b>					<b>30%</b>	
7 <b>455</b>	<b>Wind strip</b>	<b>1 - 6 sec</b>	<b>2</b>						<b>-</b>	
8 <b>456</b>	<b>715</b>	<b>615 - 710</b>	<b>2</b>	<b>4</b>		<b>461</b>			<b>30%</b>	<b>FOI # 461 Tape MKTs.</b>
9										<b>Picking up lot of leakage TO wet Shutting</b>
10										<b>Down.</b>
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8 → 32 Hz / 32 sec</b>		SWEEP PATTERN <b>4/163</b>		SWEEPS PER PATTERN <b>6</b>	
SWEEP PATTERNS PER SETUP <b>1</b>		PATCH PATTERN <b>112233x332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-Y 1100's</b>	TYPE GEOPHONE <b>1-Y 900</b>	FREQUENCY <b>ETL FU 22B 7.5 Hz</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>8ms Sample Rate / 52 sec Record Length</b>			OBSERVER <b>R. Patten</b>	PARTY MGR. <b>L. Davis</b>	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>		AREA <b>New England</b>		STATE <b>New Hampshire</b>		COUNTY <b>Hillsborough</b>		DATE <b>8-13-81</b>					
CREW NO. <b>6834</b>		TERRAIN <b>Black Top - Rolling Hills</b>		WEATHER <b>Cloudy + Wet</b>		LINE NO. <b>6</b>							
REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F	L	T	E	R	REMARKS	
							LOCUT	60 ~		AMP			
1	933	Pulse	1 - 6 sec			463	out					Bot * 463 * 900 10 sec All ones.	
2	934/935	EINT	2 - " "									STAs * 626 open Due TO Drive way * 709 open Due	
3	936/939	D.R.D.	4 - " "									TO Bridge. * 682, 683 + 685 All open Due TO houses.	
4	953/954	Swm Test	2 - " "									* 713 open Due TO Bridge * 718 open Due TO Road.	
5	969/961	NRT Test	2 - " "									Vib * 16344 Back on Line.	
6	932	Similarity	1 - 32 sec	227	5							30% From 6.50 TO Front OF Line, Lot OF TRAFFIC.	
7	457	Windstrip	1 - 6 sec	2									
8	458	716	616 - 711	2	5							30%	
9	459	717	617 - 712	3								30% Stacked 1st half.	
10	460	718	618 - 713	4								30% Skip Due TO house.	
11	460	719	619 - 714	5								30% Stacked Last half.	
12	461	720	620 - 715	6								30% Stacked 1st half.	
13	461	721	621 - 716	7								30% Skip Due TO houses. Also 724 - 726 skip Due TO house's	
14	461	722	622 - 717	8								30% Skip " " "	
15	461	723	623 - 718	9								30% Skip " " "	
16	462	727	627 - 722	13								30% Stacked Last half.	
17	463	728	628 - 723	14								30%	
18	464	729	629 - 724	15								30%	
19	465	730	630 - 725	16								30%	
20	466	731	631 - 726	17								30%	
21	467	732	632 - 727	18		463						30% Stacked 1st half EOT * 463 Tape MKTs	
22	467	733	633 - 728	19								30% Skip Due TO houses	
23	467	734	634 - 729	20								30% Skip " " "	
24	469	735	635 - 730	21		464						30% Bot * 464 * 900 10 sec All ones * 468, 16 sec windstrip	
25	470	736	636 - 731	22								30%	
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME			DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY 8 → 32 Hz / 32 sec		SWEEP PATTERN 4/63		SWEEPS PER PATTERN 6			SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 112233x332211				
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4 - Y 1100'S 1 - Y 900		TYPE GEOPHONE ETLEU22B		FREQUENCY 7.5 Hz		STATION INTERVAL 330'		LINE DIR. 1 TO 24 NW → SE	
REMARKS 8ms Sample Rate 152 sec Record Length							OBSERVER R. Patton			PARTY MGR. J. Davis			

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc. 37

CLIENT <b>COCORP</b>		AREA <b>New England</b>		STATE <b>New Hampshire</b>		COUNTY <b>Hillsborough</b>		DATE <b>8-13-81</b>		
CREW NO. <b>6834</b>		TERRAIN <b>Black Top</b>		WEATHER <b>Clear</b>		LINE NO. <b>6</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	SKIP	737	637-732	23		464	OUT	IN	SKIP	Due to house.
2	471	738	638-733	24	4				308	Vib # 12667 out
3	472	739	639-734	25					308	wind picking up.
4	473	740	640-735	26	5				308	Vib # 12667 Back on line
5	474	741	641-736	27					308	stacked 1st half
6	SKIP	742	642-737	28					SKIP	Due to houses Also 745-747 skip due to houses.
7	SKIP	743	643-738	29					SKIP	" " "
8	SKIP	744	644-739	30					SKIP	" " "
9	475	748	648-743	34					308	stack 1st half
10	SKIP	749	649-744	35					SKIP	Due to house
11	476	750	650-745	36					308	stacked last half.
12	477	751	651-746	37					308	
13	478	752	652-747	38					308	
14	479	753	653-748	39					308	stacked 1st half.
15	SKIP	754	654-749	40					SKIP	Due to house
16	SKIP	755	655-750	41					SKIP	" " " UP # 756 EOT # 464 Tape MKTs.
17	480	756	656-751	42	4	464			308	Vib # 14256 Down pad want go all the way down.
18	482	757	657-752	43		465			308	Bot # 465 *900 10sec All ones. #481 6 sec wind strip.
19	483	758	658-753	44					308	
20	484	759	659-754	45					308	
21	485	760	660-755	46					308	
22	486	761	661-756	47					308	
23	487	762	662-757	48					308	
24	488	763	663-758	49					308	Vib # 14256 Back on line AT UP # 764
25	489	764	664-759	16	5				308	Moved Recorder to 720-721
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										LINE DIR. 1 TO 24
OBSERVER						PARTY MGR.				

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-13-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black top - Rolling Hills</b>	WEATHER <b>Partly Cloudy</b>	LINE NO. <b>6</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	490	765	665-760	17	5	465	out	IN	308	
2	491	766	666-761	18					308	stacked 1st half.
3	skip	767	667-762	19					skip	Due to house
4	492	768	668-763	20					308	
5	493	769	669-764	21					308	
6	494	770	670-765	22		465			308	EOT # 465 Tape MKTS
7	496	771	671-766	23		466			308	Bot # 466 * 900 10 sec All aues * 495 6 sec wind strip
8	497	772	672-767	24					308	
9	498	773	673-768	25					308	
10	499	774	674-769	26	4				308	Vib # 14256 Down pad won't come up.
11	500	775	675-770	27					308	
12	501	776	676-771	28					308	
13	502	777	677-772	29					308	
14	503	778	678-773	30					308	
15	504	779	679-774	31					308	
16	505	780	680-775	32					308	
17	506	781	681-776	33					308	
18	507	782	682-777	34					308	
19	508	783	683-778	35		466			308	stacked 1st half EOT # 466 Tape MKTS.
20	skip	784	684-779	36					skip	Due to house
21	510	785	685-780	37		467			308	Bot # 467 * 900 10 sec All aues * 509 6 sec wind strip
22										UP # 785 stacked 1st half.
23										From # 786 - 797 skip Due to houses
24										
25										Finished For the Day.

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 <b>COCORP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-14-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top Rolling Hills</b>	WEATHER <b>Clear</b>	LINE NO. <b>6</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	933	Pulse	1 - 6 sec			467	OUT	IN		Recorder set up #T 759-760
2	234/935	EINT	2 - " "							STA's * 709, 713 open Due to Bridges * 718 open
3	936/939	DRD	4 - " "							Due to Road * 788, 805 open Due to houses.
4	937/954	Sum. TEST	2 - " "							LOT OF TRAFFIC ALONG LINE.
5	960/961	N RJ TEST	2 - " "							Vib # 14256 Down Column Bushing Needs to.
6	932	Similarity	1 - 32 sec	227	4				30%	Be Replaced.
7	511	wind strip	1 - 6 sec	11					-	
8	512	798	698 - 793	11	4				30%	Stacked last half.
9	513	799	699 - 794	12					30%	Stacked 1st half. * 800 + 801 skip Due to house's
10	514	802	702 - 797	15					30%	Stacked last half.
11	515	803	703 - 798	16					30%	
12	516	804	704 - 799	17					30%	Stacked 1st half.
13	skip	805	705 - 800	18					skip	Due to house
14	517	806	706 - 801	19					30%	
15	518	807	707 - 802	20					30%	
16	519	808	708 - 803	21					30%	
17	520	809	709 - 804	22					30%	
18	521	810	710 - 805	23		467			30%	For * 467 Tape MKTs
19	523	811	711 - 806	24		468			30%	Bot * 468 * 900 10 sec allows * 522 6 sec wind strip
20	524	812	712 - 807	25					30%	Stacked 1st half.
21	525	816	716 - 811	29					30%	UP * 813 - 815 skip Due to houses
22	526	817	717 - 812	30					30%	
23	527	818	718 - 813	31					30%	Stacked 1st half.
24	skip	819	719 - 814	32					skip	Due to house
25	528	820	720 - 815	33					30%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 32 sec		SWEEP PATTERN 4163	SWEEPS PER PATTERN 6	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233x332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V 1100's 1-V 900	TYPE GEOPHONE FTL EU22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 52 sec Record Length			OBSERVER R. Patten	PARTY MGR. L. Davis	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCO RP</b>	AREA <b>New England</b>	STATE <b>New Hampshire</b>	COUNTY <b>Hillsborough</b>	DATE <b>8-14-81</b>
CREW NO. <b>6834</b>	TERRAIN <b>Black Top - Rolling Hills</b>	WEATHER <b>Clear</b>	LINE NO. <b>6</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	827	727-822	40	4		468	out	IN	308	UP* 821-826 skip Due to houses.
2	828	728-823	41						308	STA* 823 open Due to Drive way.
3	829	729-824	42						SKIP	Due to vib in dead spot couldnt pick up tones.
4	830	730-825	43			468			308	EOT* 468 Tape MKTS.
5										
6										E.O.L. Line # 6
7										
8										
9										
10										
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.			