

DATE & TRAVEL			IDENTIFICATION				GEOPHONES				VIBRATORS				SWEEP		LINE DIRECTION	
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO. 1		TO		
10	21	87	3212	Ohio Area	Ohio-2	GSC-20D	6	4		Y-2400	50' <sup>1/2</sup> ft.	16	10-45 Hz	VP NO. 1		AMPL. NO. 1		
LEAVE TOWN	ARRIVE TOWN	TRAVEL TIME	PARTY	OBSERVER	TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTRU.	DIST. ACROSS SUMMED SWPS	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED				
6:30			VH	VANITANET	4050	8 Hz	13.75' Ft.	<input type="checkbox"/> End to End <input type="checkbox"/> Parallel	316' Ft.	Pelton T	507.5 Ft.	<input type="checkbox"/> Tandem <input type="checkbox"/> Abresst	28 Sec.	VIBRATED	SKIPPED	DISTANCE		
			PARTY LOCATION			TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVES BETWEEN INDIV. SWPS	SWP. LOCATION	PARAMETER SETTINGS	STATION INTERVAL				
			Cambridge, Ohio			SPike	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Parallel	<input type="checkbox"/> Series <input checked="" type="checkbox"/> Parallel	<input type="checkbox"/> Across VP <input type="checkbox"/> Between VP	5	20.6 Ft.	<input type="checkbox"/> Between VP	<input type="checkbox"/> Bul <input type="checkbox"/> Switch	330'				

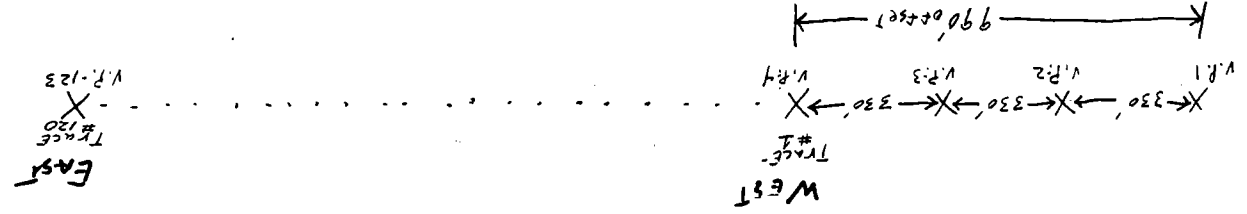
INSTRUMENTS										SUMMING				ENVIRONMENT				DAILY SET-UP NO. 1	
TYPE INST.	NO. TRACES	SAMPLE RATE	H-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM'D	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT						
DFSII	120	4ms	64 Hz	8 Hz	1600	48 db	MSP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	35	10-15	over cast	Trace _____ at						
NO. TRACES	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN		NOISE REJECT'N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP _____ at						
9	SEG-B	43	72 db OCT.	18 db OCT.	60 Hz	<input checked="" type="checkbox"/> TFP <input type="checkbox"/> Fixed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANUAB	Hilly	Dirt Road	Grass	VP _____ at						

DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.		TAPE		COM-PUTER R.I.	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS
		AT VP NO.	AT VP NO.	AT VP NO.	AT VP NO.	REEL NO.	FILE NUMBER/S							
	7:05	1	60	61	120									F. 901-907 Daily 7:51 F. 908 s.m.s
	8:10	04	63	64	123	451	01		19	NOISE		1	16 SWEEPS	Line cable being reversed at the
1	8:25	04	63	01	64	123	02		19	Reset MAN. noise Reject			5/16	recording truck inputs (from line Ohio)
2	8:40	05	64	02	65	124	03		20	for Pushing spread				Pushing The spread 120 stations
3	8:55	06	65	03	66	125	04		21					with 3 station offset, between
4	9:10	07	66	04	67	126	05		22					trace 1 + vibs, Also breaking cables
5	9:24	08	67	05	68	127	06		23					around the vibs - Full Drive,
6	9:38	09	68	06	69	128	07		24					LIFT Relays, by-passed
7	9:52	10	69	07	70	129	08		25					stations
8	10:06	11	70	08	71	130	09		26					15-18 conveyor belt in operation,
9	10:20	12	71	09	72	131	10		27					above ground
10	10:34	13	72	10	73	132	11		28					All vibs missed 1 sweep
11	10:48	14	73	11	74	133	452	12	29					3911 missed 1 sweep
12	11:02	15	74	12	75	134	13		30					
13	11:16	16	75	13	76	135	14		31					*watching scope while vibs moving to
14	11:30	17	76	14	77	136	15		32	1 1/2 half				V.P. 20, noticed blast across spread, came
15	11:45	23	82	20	83	142	16		38					15-19 SK. P } from the high numbers
16	11:59	24	83	21	84	143	17		39	3911 missed 1 sweep				Traces 1-6 exponent changed
17	12:14	25	84	22	85	144	18		40					stations 184-196 heavy equipment
18	12:28	26	85	23	86	145	19		41					working along our line.
19	12:42	27	86	24	87	146	20		42					Pea body Coal Co. They are
20	12:56	28	87	25	88	147	21		43					setting of blasts, head linesman can
21	1:10	29	88	26	89	148	22		44					hear. The blasts going off.

IDENTIFICATION										SET-UP NO.: /			SET-UP NO.:				
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER		RECORDING TRUCK AT			RECORDING TRUCK AT		
3212		VH		Ohio Area		Ohio-2		4050		Vuittonet		Trace _____ at			Trace _____ at		
MONTH	DAY	YEAR		CREW LOCATION						Trace _____ at	Trace _____ at	Trace _____ at	Trace _____ at	Trace _____ at	Trace _____ at		
10	21	87		Cambridge Ohio						VP _____	VP 85	VP _____	VP _____	VP _____	VP _____	VP _____	
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.	AMP. NO.		REEL NO.	TAPE		GDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS		
		AT VP NO.	AT VP NO.		91	120		FILE NUMBER/S	Full DRIVE (NOTE: First copy with tapes; Second copy remains in truck)								
22	1:24	30	89	27	90	149	452	23	45			1	5/16	All vibs missed 1 sweep			
23	1:48	31	90	28	91	150		24	46								
24	2:02	32	91	29	92	151	453	25	47								
25	2:16	33	92	30	93	152		26	48								
26	2:30	34	93	31	94	153		27	49								
27	2:43	35	94	32	95	154		28	50					34,35 Skip for house			
28	2:56	36	95	33	96	155		29	51								
29	3:09	39	98	36	99	158		30	54								
30	3:21	40	99	37	100	159		31	55								
31	3:33	41	100	38	101	160		32	56					STARTING TO SNOW very light			
32	3:45	42	101	39	102	161		33	57								
33	3:57	43	102	40	103	162		34	58								
34	4:09	44	103	41	104	163		35	59								
35	4:21	45	104	42	105	164		36	60								
36	4:33	46	105	43	106	165		37	61								
37	4:45	47	106	44	107	166	454	38	62					STOP SNOWING			
38	4:59	48	107	45	108	167		39	63								
39	5:12	49	108	46	109	168		40	64								
40	5:25	50	109	47	110	169		41	65								
41	5:39	51	110	48	111	170		42	66								
42	5:53	52	111	49	112	171		43	67								
43	6:07	53	112	50	113	172		44	68								
														END OF Day			

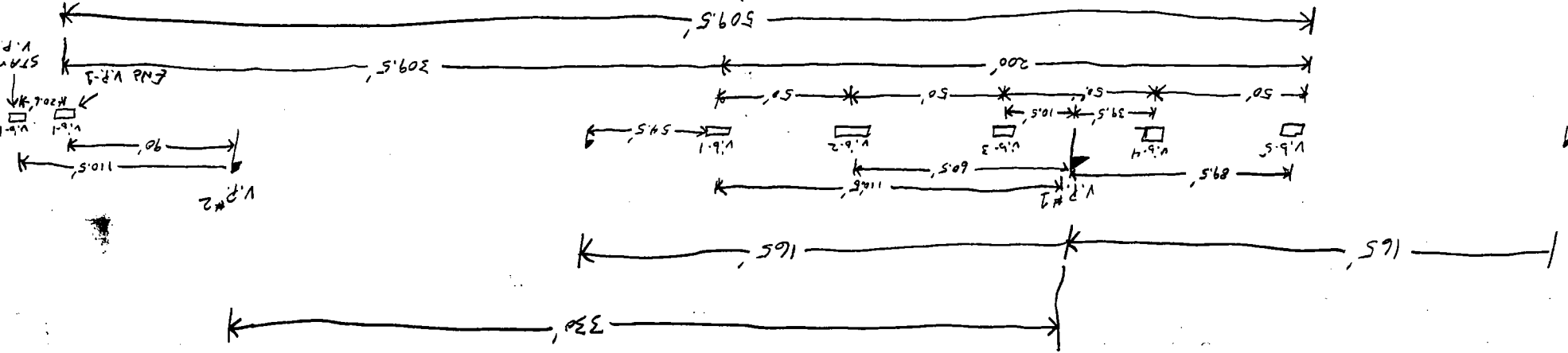


RECORDING



5 V.P.s

TOTAL VIB ARRAY



DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS				SWEEP		LINE DIRECTION		
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIB.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO.1	AMPL NO.1	W TO E		
10	22	87	3212	Ohio-Area	Ohio-2	6SC-200	6	4		Y-2400	50' Pad	16	10-45 Hz			S → E		
LEAVE TOWN			PARTY			FREQUENCY			STRING LAYOUT			ARRANGEMENT		TOTAL STATIONS COVERED				
6:30			VH VUITTANET			9 Hz 13.75' Ft.			End to End 316 Ft.			Tandem		VIBRATED SKIPPED DISTANCE				
ARRIVE TOWN			PARTY LOCATION			TYPE BASE			CONNECTION			LOCATION		STATION INTERVAL				
			Cambridge, Ohio			SP. Ke			Series Parallel			NO. VIBS. 5		28 Sec. 730				
INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HIGH-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM D.	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT					
DFSR	120	4ms	64 Hz	8 Hz	1600	48 db	MSP	Yes No	Yes No	38			Trace _____ at					
NO. TRACKS										NOISE REJECT N			TERRAIN			VP _____ at		
9										Gain Margin			Hilly			130		
AMP. NO. 1 60 V.P. NO. (50) 61 120										COMPUTER R.I.			DELETE RECORD			NUMBER VIBS/SWPS		
TAPES										BAD TRACES			SET-UP NO.			REMARKS		
REEL NO. FILE NUMBER/S																F. 901-909 Daily TEST F. 908 S.M.S		
DAILY PROFILE NO.										CDP SWITCH NO. 1 AT			SET-UP NO.			Vibs 3911, 3912, 4219, 4227, 4202 (Delete F. 909)		
TIME RECORDED										NOISE REJECT N			SET-UP NO.			(NOTE: First copy with tapes; Second copy remains in truck)		
7:25										Gain Margin			SET-UP NO.					
AMP. NO. 1 60 V.P. NO. (50) 61 120										BAD TRACES			SET-UP NO.					
2:30										NOISE			1			Full-DRIVE-DIRT ROAD		
1 8:45													5/16			4219 Missed 1 sweep		
2 9:00																LIFT Relays Bypassed		
3 9:15										455								
4 9:30																		
5 9:45																		
6 10:00																		
7 10:14																		
8 10:28																		
9 10:43																		
10 10:58																		
11 11:12																		
12 11:26													5/16					
13 11:40													4/16			# 4227 is out (Vib order 3911, 3912, 4219, 4202 V.P. 63)		
14 11:54										1 1/2 half						K-100.5' K-714		
15 12:10																K-150' * 309.5' END V.P. 62		
16 12:24										456						TOTAL vib array = 459.5'		
17 12:38																V.P.s 65-69 skip for houses		
18 12:52																		
19 1:06																		
20 1:20																		
21 1:34													4/16			MINE Blasting ON V.P. 76 coming from High Numbers around 134-136		

IDENTIFICATION							SET-UP NO.: 1			SET-UP NO.:				
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER		RECORDING TRUCK AT			RECORDING TRUCK AT				
3212	VH	Ohio-Area	Ohio-2	4050	WITTONET		Trace _____ at _____			Trace _____ at _____				
MONTH	DAY	YEAR	CREW LOCATION				VP			VP				
10	22	87	Cambridge, Ohio				VP _____			VP _____				
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	V.P. NO.	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS (NOTE: First copy with tapes; Second copy remains in truck)
22	1:48	81	140	78	141	200	456	67	51	2 <sup>N</sup> / <sub>4</sub> half		1	4/16	V.P. 77 SKIP - STATE Hwy 83 crossing
23	2:02	82	141	79	142	201		68	52					
24	2:15	83	142	80	143	202		69	53					81 SKIP for house
25	2:28	85	144	82	145	204		70	55	2 <sup>N</sup> / <sub>4</sub> half				
26	2:42	86	145	83	146	205		71	56					V.P. 146 - 4227 IN, #4219 OUT (v.b order 3911, 3912, 4227, 4202)
27	2:56	87	146	84	147	206		72	57					
28	3:09	88	147	85	148	207		73	58					
29	3:22	89	148	86	149	208	457	74	59					
30	3:35	90	149	87	150	209		75	60					
31	3:48	91	150	88	151	210		76	61					
32	4:00	92	151	89	152	211		77	62					
33	4:13	93	152	90	153	212		78	63					
34	4:25	94	153	91	154	213		79	64					V.P. 91 - 5 vibs on 7 SWEEPS
35	4:38	95	154	92	155	214		80	65	3912 missed 1 sweep		4/16		V.P. 92 - 4227 OUT, 4219 IN
36	4:52	96	155	93	156	215		81	66			5/16		v.b order 3911, 3912, 4219, 4227, 4202 (All vibs on line)
37	5:05	97	156	94	157	216		82	67					vib array 509.5'
38	5:18	98	157	95	158	217		83	68					
39	5:31	99	158	96	159	218		84	69					
40	5:45	100	159	97	160	219		85	70					4219 missed 1 sweep
														END OF Day

DATE & TRAVEL			IDENTIFICATION				GEOPHONES				VIBRATORS				SWEEP		LINE DIRECTION <i>W</i> TO <i>E</i>	
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO. 1	AMPL NO. 1	VIBS. MOVING		
10	23	87	3212	Ohio Area	Ohio-2	ESC 200	6	4	-	1-2400	50' 30"	16	10-45 Hz					
LEAVE TOWN			PARTY		TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTRU.	DIST. ACROSS SUMMED SWPS.	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED				
6:30			VH		Vuittonet	4050	8 Hz	13.75 Ft.	316 Ft.	Pelton II	509.5 Ft.	Tandem	28 Sec.	VIBRATED <input type="checkbox"/> SKIPPED <input type="checkbox"/> DISTANCE				
ARRIVE TOWN			PARTY LOCATION		TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN INDIV. SWPS.	SWP. LOCATION	PARAMETER SETTINGS	STATION INTERVAL					
			Cambridge, Ohio		Spike	Series <input checked="" type="checkbox"/> Parallel <input type="checkbox"/>	Series <input checked="" type="checkbox"/> Parallel <input type="checkbox"/>	Across VP <input type="checkbox"/> Between VP <input type="checkbox"/>	5	20.6 Ft.	Across VP <input type="checkbox"/> Between VP <input type="checkbox"/>	Bus <input type="checkbox"/> Switch <input type="checkbox"/>	330					
INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HIGH-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM/DI	POST NORM IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT					
DFGZ	120	4 MS	64 Hz	8 Hz	1600	48 db	MSP	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	41	5-10 mph	Cloudy	Trace _____ at _____					
NO. TRACES	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN		NOISE REJECT	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP 185					
9	SEB-B	43	72 db	18 db	60 Hz	Fixed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANNA db	Hilly	Dirt	Grass	VP _____					
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		COM-PUTER R.I.	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS			
	7:10	1	60	99	61	120	REEL NO.	FILE NUMBER/S							F. 908-906 Daily 185 Delete F. 908			
	9:05	101	160		161	220	458	86		16	NOISE		1	16 SWEEP	F. 909 SIMS with 3911, 3912, 4219, 4227, 4202 (NOTE: First copy with tapes; Second copy remains in truck)			
1	9:19	101	160	98	161	220		87		16				4/16	F. 910 SIMS with 4204, 3912, 4219, 4202 - 4227 OUT			
2	9:33	102	161	99	162	221		88		17	3912, 4219 Missed 1 sweep			5/16	vibs: 4204, 3912, 4219, 4227, 4202			
3	9:47	103	162	100	163	222		89		18					Full DRIVE - 2 RT Relays, Bypassed			
4	10:01	104	163	101	164	223		90		19	4204 Missed 1 sweep				180-203 heavy Equipment working			
5	10:15	105	164	102	165	224		91		20	3912 Missed 1 sweep				off of line - Strip mine,			
6	10:29	106	165	103	166	225		92		21					Peabody Coal Co.			
7	10:43	107	166	104	167	226		93		22					STATIONS 154-255 - Heavy Traffic out (185-255)			
8	10:57	108	167	105	168	227		94		23					TIMES 154-184 STATE Hwy 93, STATE Hwy 541			
9	11:11	109	168	106	169	228		95		24								
10	11:25	110	169	107	170	229	459	96		25								
11	11:39	111	170	108	171	230		97		26								
12	11:52	112	171	109	172	231		98		27								
13	12:05	113	172	110	173	232		99		28								
14	12:18	114	173	111	174	233		100		29					112 skip for pipeline			
15	12:31	116	175	113	176	235		101		31	2 <sup>nd</sup> half							
16	12:44	117	176	114	177	236		102		32								
17	12:57	118	177	115	178	237		103		33								
18	1:10	119	178	116	179	238		104		34								
19	1:23	120	179	117	180	239		105		35								
20	1:36	121	180	118	181	240		106		36								
21	1:49	122	181	119	182	241		107		37								

IDENTIFICATION										SET-UP NO.: 1			SET-UP NO.:					
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER			RECORDING TRUCK AT			RECORDING TRUCK AT		
3212		YH		Ohio Area		Ohio-2		4050		VATTANET			Trace _____ at _____			Trace _____ at _____		
MONTH	DAY	YEAR		CREW LOCATION						Trace _____ at _____	VP _____		Trace _____ at _____	VP _____		Trace _____ at _____	VP _____	
10	23	87		Cambridge Ohio						VP _____	VP 185		VP _____	VP _____		VP _____	VP _____	
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.	AMP. NO.		REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS				
		AT VP NO.	AT VP NO.		AT VP NO.	AT VP NO.								(NOTE: First copy with tapes; Second copy remains in truck)				
22	2:02	123	182	120	183	242	459	108	38			1	5/16					
23	2:16	124	183	121	184	243	460	109	39									
24	2:29	125	184	122	185	244		110	40	v.p.-122, 3911 IN, 4202 OUT				v. b order 3911, 3912, 4219, 4227, 4204				
25	2:42	126	185	123	186	245		111	41									
26	2:55	127	186	124	187	246		112	42									
27	3:09	128	187	125	188	247		113	43									
28	3:22	129	188	126	189	248		114	44									
29	3:35	130	189	127	190	249		115	45									
30	3:48	131	190	128	191	250		116	46									
31	4:01	132	191	129	192	252		117	47					* v.p. 129 mine setting of blasts				
32	4:15	133	192	130	193	253		118	48									
														END of Day				

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION		
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WITH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	W TO E			
10	26	87	3212	Ohio Area	Ohio-2	USC-20D	6	4		Y-2400	50' 100'	16	10-45 Hz	W TO E			
LEAVE TOWN			PARTY			FREQUENCY		STRING LAYOUT		TYPE INSTRU.		DIST. ACROSS SWEEP		ARRANGEMENT		TOTAL STATIONS COVERED	
7:00			VH Vuittonet			8 Hz		End to End		Pelton II		200'		Tandem		VIBRATED SKIPPED DISTANCE	
ARRIVE TOWN			PARTY LOCATION			TYPE BASE		CONNECTION		LOCATION		NO. VIBS.		MOVE BETWEEN INDIV. SWEEPS		PARAMETER SETTINGS	
			Cambridge, Ohio			Spike		Series Parallel		Between VP		5		20.6 Ft.		STATION INTERVAL 330	
INSTRUMENTS										SUMMING		ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM D.	POST NORM. IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT				
DFSR	120	4MS	64 Hz	8 Hz	1600	48 db	MSP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	35	0-5	Frost	Trace _____ at				
										NOISE REJECT N		TERRAIN		VEGETATION		VP 209	
										<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		MANUAL Hills		Dirt Grass		VP _____	
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		COM-PUTER R.I.	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS		
	7:35 AM	1	60	130	61	120	REEL NO.	FILE NUMBER/S							F. 901-907 Daily TEST		
	8:30	134	193	131	194	253	460	119		25	NOISE		1	16 SWEEPS	V. bs: 3911, 4204, 4227, 4202 (NOTE: First copy with tapes; Second copy remains in truck)		
1	8:44	134	193	131	194	253		120		25	LIFT Relays Bypassed			5/16	VERY Hilly NOT MUCH CHOICE ON Recorder SET UP - V. bs MISSING SWEEPS		
2	8:58	135	194	132	195	254	461	121		26					3911-1, 4204-6, 4227-3, 4202-1		
3	9:12	136	195	133	196	255		122		27					3911 4204 4219 4227 4202		
4	9:26	137	196	134	197	256		123		28					1, 2, 3, 2, 3		
5	9:40	138	197	135	198	257		124		29					4219-2, 4202-3		
6	9:54	139	198	136	199	258		125		30					3911-2, 4204-3, 4219-3		
7	10:08	140	199	137	200	259		126		31							
8	10:22	141	200	138	201	260		127		32					Vibs still missing sweeps		
9	10:50	142	201	139	202	261		128		57			2		Recorder Moved back to 185		
10	11:04	143	202	140	203	262		129		58	1 <sup>st</sup> half				F. 908 sims after F. 127		
11	11:19	145	204	142	205	264		130		60	2 <sup>nd</sup> half				14/ skip fav bridge		
12	11:33	146	205	143	206	265		131		61							
13	11:47	147	206	144	207	266		132		62							
14	12:01	148	207	145	208	267	462	133		63							
15	12:15	149	208	146	209	268		134		64							
16	12:29	150	209	147	210	269		135		65					149 skip fav pipeline		
17	12:42	151	210	148	211	270		136		66					3911 missed 1 sweep		
18	12:58	153	212	150	213	272		137		68	2 <sup>nd</sup> half				3911 missed 1 sweep (1-6 exp. changed)		
19	1:12	154	213	151	214	273		138		69							
20	1:27	155	214	152	215	274		139		70					END OF Day (NEED STATE Trooper for STATE Hwy's, will have one in morning)		

END OF Day

44-1114-2 9

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION <i>N TO E</i>											
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO.1	AMPL NO.1	VIBS. MOVING										
10	27	87	3212	Ohio Area	Ohio-2	GSC-20D	6	4	-	Y-2400	120' 50' Ft.	16	10 - 45 Hz													
LEAVE TOWN			PARTY			SEPARATION			STRING LAYOUT			PATTERN LOTH.			TYPE INSTRU.			DIRECTION ACROSS SWEEP			ARRANGEMENT			LENGTH		
6:00			VH			4050			End to End			316' Ft.			Pelton II			5095' Ft.			Tandem			28 Sec.		
ARRIVE TOWN			PARTY LOCATION			TYPE BASE			CONNECTION			LOCATION			NO. VIBS.			NO. BETWEEN SWEEP			SWEEP LOCATION			PARAMETER SETTINGS		
			Cambridge, Ohio			Spike			Series			Across VP			5			206' Ft.			Across VP			Bus Switch		

INSTRUMENTS										SUMMING				ENVIRONMENT				DAILY SET-UP NO. 1	
TYPE INST.	NO. TRACES	SAMPLE RATE	H-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM'D	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT	Trace	VP				
DFSK	120	4MS	64 Hz	8 Hz	1600	48 db	MSP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	38	8-15 mph	2.04 in, overcast							
NO. TRACES	FORMAT	REC. LENGTH	SLOPE db	SLOPE db	NOTCH	GAIN db		NOISE REJECT N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	Trace	VP	Trace				
9	SEG-B	43	72 db	18 db	60	60		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANUAL db	Hilly	BLACK TOP	Grass	VP	219	VP				

DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.	AMP. NO.		TAPE		COM-PUTER R.I.	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS	
		AT VP NO.	AT VP NO.		AT VP NO.	AT VP NO.	REEL NO.	FILE NUMBER/S							F. 901-907 Daily TEST	R. 908-905 MS
	6:35 AM	1	60	152	61	120										Vibs 3911, 3912, 4219, 4227, 4202 (NOTE: First copy with tapes; Second copy remains in truck)
	8:13	157	216		217	276	462	140		38	NOISE		1	16 sweeps	153 SKIP STATE HWY 93 INTERSECT. STANBY FOR RAIN, late start	
1	8:27	157	216	154	217	276		141		38	VIB @ 50% DRIVE			4/16	#4219 out - 4 vibs = 459' across summit	
2	8:41	158	217	155	218	277		142		39	ON BLACK TOP			4/16	STATE TROOPER following behind vibs	
3	8:56	159	218	156	219	278		143		40	(SKIP 158, 159 - BRIDGE)			4/16	light RAIN - AFTER V.P. 159 still light	
4	9:10	160	219	157	220	279	463	144		41				4/16	RAIN - Road very wet, stick - STANBY.	
5	10:30	163	222	160	223	282		145		44	2 <sup>nd</sup> half - STOPPED RAINING			5/16	4219 back in line - 5 vibs = 595' across summit	
6	10:44	166	225	163	226	285		146		47	2 <sup>nd</sup> half - 3911 missed 1 sweep				9:24 A.M. - 10:30 A.M. had to shut down STATE HWY	
7	10:58	167	226	164	227	286		147		48					93 very wet dangerous, ON STANBY till it dries	
8	11:12	168	227	165	228	287		148		49					141, 162 SKIP for houses	
9	11:26	169	228	166	229	288		149		50						
10	11:40	170	229	167	230	289		150		51						
11	11:54	171	230	168	231	290		151		52					169, 170 skip for houses	
12	12:08	174	233	171	234	293		152		55	2 <sup>nd</sup> half				172 - 180 skip for houses, buildings	
13	12:23	184	243	181	244	303		153		65						
14	12:37	185	244	182	245	304		154		66					183-188 skip houses, buildings	
15	1:03	192	251	189	252	311		155		38			2		Rec TRK. MOVED TO 254	
16	1:17	193	252	190	253	312		156		39						
17	1:31	194	253	191	254	313	464	157		40						
18	1:45	195	254	192	255	314		158		41						
19	1:59	196	255	193	256	315		159		42						
20	2:13	197	256	194	257	316		160		43					195-201 skip, houses	
21	2:28	205	264	202	265	324		161		51	2 <sup>nd</sup> half					

IDENTIFICATION										SET-UP NO.: 2				SET-UP NO.:				
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER		RECORDING TRUCK AT		RECORDING TRUCK AT		RECORDING TRUCK AT		
3212		VH		OHIO-AREA		Ohio-2		4050		WITTNET		Trace at VP 254		Trace at VP		Trace at VP		
MONTH	DAY	YEAR	CREW LOCATION		TAPES		COP SWITCH NO. 1 AT		BAD TRACES		DELETE RECORD		SET-UP NO.		NUMBER VIBS/SWPS		REMARKS	
10	27	87	Cambridge, Ohio		61	120	REEL NO.	FILE NUMBER/S										
22	2:42	206	265	203	266	325	464	162	52			2	5/16	50% DRIVE (NOTE: First copy with tapes; Second copy remains in truck)				
23	2:56	207	266	204	267	326		163	53					4219 Missed 2 sweeps				
24	3:10	211	270	208	271	330		164	57					205-207 skip for houses				
25	3:24	212	271	209	272	331		165	58									
26	3:38	213	272	210	273	332		166	59									
27	3:52	214	273	211	274	333		167	60	1 1/2 half								
28	4:06	216	275	213	276	335		168	62	2 1/2 half, bumper bumper				212 skip for bridge				
29	4:20	217	276	214	277	336		169	63									
30	4:34	218	277	215	278	337	465	170	64									
31	4:47	219	278	216	279	338		171	65									
32	5:06	220	279	217	280	339		172	66	*				* V.P. 217 MINE Blasting during V.P. coming from high numbers STATE Trooper Leaves field @ 5:15 ing crew breaking cable heads - leave field @ 5:30 END of Day				

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION		
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF BYRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	W TO E		VP NO.1	
10	28	87	3212	Ohio Area	Ohio-2	GSC-20D	6	9	-	Y-2400	30	16	10-45 Hz	8		AMPL NO.1	
LEAVE TOWN	TOTAL TRAVEL TIME	PARTY	OBSERVER	TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTR.	DIST. ACROSS SUMMED SWPS	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED		VIBRATED		
6:00	6:00	VH	Vuittonet	4050	8 Hz	13.75 Ft.	End to End Parallel	316 Ft.	Peltonet	509.5 Ft.	Tandem Abreast	28 Sec.	DISTANCE		STATION INTERVAL		
ARRIVE TOWN	PARTY LOCATION		TYPE BASE		CONNECTION	CONNECTION	LOCATION	NO. VIBS.	NO. BETWEEN INDIV. SWPS	SWP. LOCATION	PARAMETER SETTINGS	330'					
	Cambridge, Ohio		Spike		Series Parallel	Series Parallel	Across VP Between VP	5	20.6 Ft.	Across VP Between VP	Bus Switch						

INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HIG-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT		Trace _____ at		Trace _____ at	
DFTC	120	4ms	64 Hz	8 Hz	1600	48 db	MSP	Yes No	Yes No	30'		Frost	VP 291		VP		VP	
NO. TRACES	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN		NOISE REJECT	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION						
9	SEG-8	43	72 db	18 db	60 Hz	IFP		Yes No	MANUAL	Hilly	BLACK TOP	Grass						

DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.		TAPE		CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS	
		AT VP NO.	AT VP NO.	217	AT VP NO.	AT VP NO.	REEL NO.						FILE NUMBER/S	F.901-907 Daily TEST
	6:35 AM	1	60	61	120									
	7:30	221	280	281	340	465	173	30	NOISE		1	16 sweeps	F.908, F.909 SIMS - 2 sim. Files due to	
1	8:00	221	280	218	281	340	174	30				5/16	one bad trace on line cable,	
2	8:14	225	284	222	285	344	175	34					taking sims thru line cable	
3	8:28	226	285	223	286	345	176	35					1/2 DRIVE ON BLACK TOP	
4	8:42	227	286	224	287	346	177	36					LIFT Relays - Bypass	
5	8:56	228	287	225	288	347	178	37					STATE TROOPER following behind vibs, arrives @ 4:50	
6	9:10	229	288	226	289	348	179	38					219-221 skip - farm house, BARN	
7	9:24	230	289	227	290	349	466	180	39					
8	9:38	231	290	228	291	350	181	40						
9	9:52	232	291	229	292	351	182	41						
10	10:06	233	292	230	293	352	183	42						
11	10:19	234	293	231	294	353	184	43						
12	10:32	235	294	232	295	354	185	44						
13	10:46	236	295	233	296	355	186	45					All vibs missed / sweep - v.p. 233	
14	11:00	237	296	234	297	356	187	46						
15	11:14	238	297	235	298	357	188	47	1 <sup>st</sup> /half					
16	11:28	240	299	237	300	359	189	49	2 <sup>nd</sup> /half				236 skip for house	
17	11:42	241	300	238	301	360	190	50	1 <sup>st</sup> /half					
18	11:56	246	305	243	306	365	191	55					239-242, 245 skip for houses	
19	12:10	247	306	244	307	366	192	56	1 <sup>st</sup> /half					
20	12:24	249	308	246	309	368	467	193	2 <sup>nd</sup> /half				247-249 skip for houses	
21	12:38	253	312	250	313	372	194	62	2 <sup>nd</sup> /half				cont MINE Blasting - (Before start of v.p. 250)	

MINE Blasting coming from back of line (while vibs were moving from 246 to 250) SEC-1389

IDENTIFICATION											SET-UP NO.:			SET-UP NO.:			
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER		RECORDING TRUCK AT			RECORDING TRUCK AT		
3212		VH		Ohio Area		Ohio-2		4050		WITTONET		Trace _____ at VP _____			Trace _____ at VP _____		
MONTH	DAY	YEAR		CREW LOCATION							VP _____			VP _____			
10	28	87		Cambridge, Ohio							VP _____			VP _____			
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.	AMP. NO.		REEL NO.	TAPE FILE NUMBER/S	COP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS			
		AT VP NO.	AT VP NO.		AT VP NO.	AT VP NO.								1/2 DRIVE (NOTE: First copy with tapes; Second copy remains in truck)			
22	12:52	254	313	251	314	373	467	195	63			1	5/16				
23	1:06	255	314	252	315	374		196	64								
24	1:20	256	315	253	316	375		197	65	1 <sup>ST</sup> /half				254-256 skip - concrete Block Building			
25	1:34	260	319	257	320	379		198	69					STATE TROOPER leaves field at 1:30 P.M.			
26	1:48	261	320	258	321	380		199	70					260-264 skip for houses			
27	2:02	262	321	259	322	381		200	71	1 <sup>ST</sup> /half 120							
28	2:30	268	327	265	328	387		201	9	1,2,3		2		REC. TRK MOVED TO 359			
29	2:44	269	328	266	329	388		202	10	1,2				267,268 skip for houses			
30	2:48	272	331	269	332	391		203	13								
31	3:12	273	332	270	333	392		204	14								
32	3:26	274	333	271	334	393		205	15					272,273,275,276 skip for houses			
33	3:40	277	336	274	337	396	468	206	18								
34	3:54	280	339	277	340	399		207	21								
35	4:08	281	340	278	341	400		208	22								
36	4:22	282	341	279	342	401		209	23								
37	4:36	283	342	280	343	402		210	24								
38	5:00	284	343	281	344	403		211	25	1 <sup>ST</sup> /half				282-286 skip for houses			
39	5:14	290	349	287	350	409		212	26								
40	5:27	291	350	288	351	410		213	27	1 <sup>ST</sup> /half for bridge							
41	5:40	292	351	289	352	411		214	28	2 <sup>ND</sup> /half for bridge				MINE Blasting on V.P. 289			
														Crew leaves field @ 6:05			
														End of Day			

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION W TO E		
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO.1	AMPL NO.1	VIBS. MOVING	
10	29	87	3212	Ohio-Area	Ohio-2	GSL-20D	6	4	-	Y-2400	16	16	10-45 Hz	8	1	8	
LEAVE TOWN 6:00			PARTY VH			TRUCK 4050			SEPARATION 13.75' Ft.			ARRANGEMENT Tandem		LENGTH 28 Sec.		TOTAL STATIONS COVERED	
ARRIVE TOWN			PARTY LOCATION Cambridge, Ohio			TYPE BASE Spike			CONNECTION Parallel			LOCATION Pelton, OH		NO. VIBS. 5		MOVE BETWEEN INDIV. SWPS. 206' Ft.	
												PARAMETER SETTINGS Bus <input type="checkbox"/> Switch <input type="checkbox"/>		STATION INTERVAL 330'			
INSTRUMENTS										SUMMING		ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HQ-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM D.	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT				
DFSV	120	4ms	64 Hz	8 Hz	1600	48 db	MSP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	40	5-12APL	-	Trace _____ at				
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE db	SLOPE db	NOTCH	GAIN db		NOISE REJECT N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP _____ at				
9	SEG-R	43	72 OCT	18 OCT	60 Hz	48 db		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANUAL db	Hilly	BLACK TOP	Grass	VP _____ at				
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS			
	6:30AF	1	60	289	61	120	REEL NO.	FILE NUMBER/S						F. 901-907 Daily TEST			
	7:15	293	352		353	412	468	215	15	NOISE		1	16 SWEEPS	V. bs: 391, 392, 4219, 4227, 4202 (NOTE: First copy with tapes; Second copy remains in truck)			
1	7:42	293	352	290	353	412	469	217	15				5/16	delet F. 216 S. ms F. 908 after F. 216 (see 468)			
2	7:56	294	353	291	354	413		218	16	1 <sup>st</sup> /half				1/2 DRIVE - BLACK TOP			
3	8:10	296	355	293	356	415		219	18	2 <sup>nd</sup> /half				292, 295-297 skip for houses			
4	8:24	297	356	294	357	416		220	19	1 <sup>st</sup> /half				LIFT Relays: Bypassed			
5	8:38	301	360	298	361	420		221	23	2 <sup>nd</sup> /half							
6	8:52	302	361	299	362	421		222	24								
7	9:06	303	362	300	363	422		223	25								
8	9:20	304	363	301	364	423		224	26								
9	9:34	305	364	302	365	424		225	27					303-305 skip for houses			
10	9:47	309	368	306	369	428		226	31	1 <sup>st</sup> /half							
11	10:03	325	384	322	385	444		227	47					V.P. 307-321 skip - town of Guernsey, O.			
12	10:17	326	385	323	386	445		228	48								
13	10:31	327	386	324	387	446		229	49								
14	10:45	328	387	325	388	447	470	230	50	1 <sup>st</sup> /half				326-329 skip for bridge, houses			
15	10:59	333	392	330	393	452		231	55								
16	11:13	334	393	331	394	453		232	56								
17	11:27	335	394	332	395	454		233	57					334-340 skip for houses			
18	11:41	336	395	333	396	455		234	58								
19	11:55	344	403	341	404	463		235	66								
20	12:09	345	404	342	405	464		236	67								
21	12:23	346	405	343	406	465		237	68								

IDENTIFICATION										SET-UP NO.: 2			SET-UP NO.: 3		
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER		RECORDING TRUCK AT			
3212		VH		Ohio-Area		Ohio-2		4050		VUITTANET		404			
MONTH	DAY	YEAR		CREW LOCATION		Trace		VP		Trace		Trace		VP	
10	29	87		Cambridge, Ohio		at		VP		at		at		VP	
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	V.P. NO.	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SNPS	REMARKS	
22	12:37	347	406	344	407	466	470	238	69			1	5/16	345, 346 skip for house	
23	1:02	350	409	347	410	469		239	46	1 <sup>st</sup> half *		2		Rec. TRK moved to 404	
24	1:16	352	411	349	412	471		240	48	2 <sup>nd</sup> half *				* MINE BLASTING during V.P. 347	
25	1:20	353	412	350	413	472		241	49					348 skip, I-77 overpass Bridge	
26	1:44	354	413	351	414	473		242	50					3911 missed 1 sweep	
27	1:58	355	414	352	415	474	471	243	51						
28	2:12	356	415	353	416	475		244	52						
29	2:26	357	416	354	417	476		245	53	1 <sup>st</sup> half				355-359, 361-364 skip Houses, pipelines	
30	2:40	363	422	360	423	482		246	59	1 <sup>st</sup> half Bumper				V.P. 360 - first v. pad on flag 360, 3 houses,	
31	2:56	368	427	365	428	487		247	64					MINE Blast during V.P. 365	
32	3:11	369	428	366	429	488		248	65	2 <sup>nd</sup> half, Bumper				@ 366 LINE TURNS NORTH	
33	3:26	373	432	370	433	492		249	69					MINE BLASTING DURING V.P. 366	
34	3:41	374	433	371	434	493		250	70					MINE BLASTING V.P. 371	
35	3:56	375	434	372	435	494		251	71	1 <sup>st</sup> half - 3911 missed 1 sweep				367-369 skip for houses @ 379 LINE TURNS E.	
36	4:25	382	441	379	442	501		252	66			3		Rec. TRK moved to 416 372-378 skip for house	
37	4:40	383	442	380	443	502		253	67					START with V.P. 379	
38	4:55	384	443	381	444	503		254	68	1 <sup>st</sup> half				V. bs @ Full DRIVE-DEET ROAD	
														382-384 skip for houses	
														Jug crew getting caught up	
														End of Day	



DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION			
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO. STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	W TO E				
11	02	87	3212	Ohio Area	Ohio-2	GSC-20D	6	4		Y-2400	50' <sup>PAI</sup>	16	10-45 Hz	VP NO. 1 AMPL NO. 1 VIBS. MOVING				
LEAVE TOWN			PARTY	OBSERVER	TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTR.	DIST. ACROSS SUMMED SWPS.	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED				
6:00			VH	V. HITTNET	4050	8 Hz	13.75' Ft.	<input checked="" type="checkbox"/> End to End <input type="checkbox"/> Parallel	316' Ft.	Tetrad	5095' Ft.	<input checked="" type="checkbox"/> Tandem <input type="checkbox"/> Abreast	28 Sec.	VIBRATED	SKIPPED	DISTANCE		
ARRIVE TOWN			PARTY LOCATION			TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN INDIV. SWPS.	SWP. LOCATION	PARAMETER SETTINGS	STATION INTERVAL				
			Cambridge, Ohio			SP. Ke	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Parallel	<input type="checkbox"/> Series <input checked="" type="checkbox"/> Parallel	<input checked="" type="checkbox"/> Across VP <input type="checkbox"/> Between VP	5	20.6' Ft.	<input checked="" type="checkbox"/> Across VP <input type="checkbox"/> Between VP	<input type="checkbox"/> Bus <input type="checkbox"/> Switch	330'				
INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM. D.	POST NORM. IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT					
DFSR	120	4MS	64	8	1600	48 db		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	43	Calm	Clear	Trace at					
NO. TRACES	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN		NOISE REJECT	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	Trace at					
6:3	SEG-B	43	72 db	18 db	60 Hz	48 db		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANUAL	Hilly	DIRT	Grass	VP	VP				
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		COP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS				
	6:35 AM	1	60	61	120		REEL NO.	FILE NUMBER/S						F. 901-907 DA. IN TEST				
	8:20	388	447	385	448	507	472	255	13	NOISE		1	16 sweeps	V. bs' 3911, 3912, 4219, 4227, 4202				
1	8:35	388	447	385	448	507		256	13	Full DRIVE			5/16	(NOTE: First copy with tapes; Second copy remains in truck)				
2	8:50	389	448	386	449	508		257	14	lift Relays in circuit -				LATE START: Trouble shooting line, Vandalism over weekend - Replacing				
3	9:03	390	449	387	450	509		258	15					2 cables cut in two, replacing geophones				
4	9:18	399	458	396	459	518		259	24					387-395 skip for houses, pipelines, storage TANK				
5	9:31	400	459	397	460	519		260	25					398-405 skip houses, storage TANK				
6	9:46	409	468	406	469	528		261	34	2 1/2 half								
7	10:00	410	469	407	470	529		262	35									
8	10:13	410	469	408	470	529		263	35	*				*V.P. 408 cap off by ONE - should be 36				
9	10:28	412	471	409	472	531		264	37	1 1/2 half				410 skip for house				
10	10:43	414	473	411	474	533		265	39	2 1/2 half				412 skip for house				
11	11:08	416	475	413	476	535	473	266	41	2 1/2 half								
12	11:20	417	476	414	477	536		267	42					416, 417 skip for bridge - vibs driving				
13	11:34	418	477	415	478	537		268	43	1 1/2 half				around 16T. Bridge				
14	11:56	421	480	418	481	540		269	46	2 1/2 half				3911, 4219 missed 1 sweep				
15	12:07	422	481	419	482	541		270	47	1 1/2 half				F. 90P RADIO Sims after F. 270				
16	12:35	428	487	425	488	547		271	53					420-424 skip for houses				
17	12:48	429	488	426	489	548		272	54									
-18	1:03	430	489	427	490	549		273	55									
19	1:18	431	490	428	491	550		274	56					430 skip for house				
20	1:31	432	491	429	492	551		275	57	1 1/2 half				3911 missed 1, 4219, 4227 missed 2 sweeps				
21	1:45	434	493	431	494	553		276	59					3911 missed 2 sweeps				

IDENTIFICATION										SET-UP NO.: 1			SET-UP NO.: 2		
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER					RECORDING TRUCK AT			RECORDING TRUCK AT		
3212	VH	Ohio Area	Ohio-2	4050	V. T. TONET					Trace	at	Trace	at	Trace	at
MONTH	DAY	YEAR	CREW LOCATION			VP			VP			VP			
11	02	87	Cambridge, Ohio			475			518						
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS	
		AT VP NO.	AT VP NO.	AT VP NO.	AT VP NO.	AT VP NO.									
		1	60		61	120								Lift Relays on vibs incircuit (NOTE: First copy with tapes; Second copy remains in truck)	
22	1:59	435	494	432	495	554	473	277	60			1	5/16	433-435 skip Storage TANKS	
23	2:13	439	498	436	499	558		278	64	2 <sup>nd</sup> /half					
24	2:26	440	499	437	500	559	474	279	65	*				* MINE Blasting during V.P. 437 coming from low Numbers	
25	2:40	441	500	438	501	560		280	66						
26	2:55	443	502	440	503	562		281	68	2 <sup>nd</sup> /half				439 skip - Storage TANK	
27	3:09	444	503	441	504	563		282	69						
28	3:24	445	504	442	505	564		283	70					3912, 4219, Missed 1 sweep	
29	4:00	446	505	443	506	565		284	28			2			
30	4:15	447	506	444	507	566		285	29	1 <sup>st</sup> /half					
31	4:29	449	508	446	509	568		286	31	2 <sup>nd</sup> /half				445 skip for house	
	skip			447											
	skip			448										Crew picking up	
	skip			449											
														END of Day	

DATE & TRAVEL			IDENTIFICATION			GEOPHONES			VIBRATORS			SWEEP		LINE DIRECTION $\overline{W}$ TO $\overline{E}$				
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO. 1	AMPL. NO. 1			
11	07	87	3212	Ohio-Area	Ohio-2	GSC-200	6	4	-	Y.2400	50' PAD	16	10-45 Hz	8	8			
LEAVE TOWN			PARTY			SEPARATION			STRING LAYOUT			DIST. ACROSS SUMMED SWPS.		TOTAL STATIONS COVERED				
6:00			VH			13.75' Ft.			End to End Parallel			316 Ft.		28 Sec.				
ARRIVE TOWN			PARTY LOCATION			TYPE BASE			CONNECTION			LOCATION		STATION INTERVAL				
			Cambridge, Ohio			Spike			Series Parallel			Across VP Between VP		330'				
INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM D.	POST NORM. IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT					
DFSE	120	4ms	64 Hz	8 Hz	1600	48 db	MSP	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	43	5-10	-	VP 540					
NO. TRACKS										TERRAIN			VEGETATION			Trace _____ at		
9										Muddy			Grass			VP _____ at		
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	V.P. NO. (49)	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS				
6	3:56	1	60	49	61	120							16	F. 901-907 Daily TEST				
1	7:30	453	512		513	572	474	287	13	NOISE		1	5/16	Vibs 3911, 4204, 4219, 4227, 4202 (NOTE: First copy with tapes; Second copy remains in truck)				
2	7:45	453	512	450	513	572		288	13	2 <sup>nd</sup> /half			5/16	451-456 skip for house, church, cemetery				
3	8:00	460	519	457	520	579		289	20	2 <sup>nd</sup> /half				4204 missed 5 sweeps - Full DRIVE				
4	8:15	461	520	458	521	580		290	21					LIFT Relays in circuit - will stay in				
5	8:30	462	521	459	522	581	475	291	22	1 <sup>st</sup> /half				From New on				
6	8:45	465	524	462	525	584		292	25	2 <sup>nd</sup> /half				4204, 4219 missed 1 sweep, 4227 missed 2				
7	9:00	466	525	463	526	585		293	26					460, 461 skip for house				
8	9:15	467	526	464	527	586		294	27									
9	9:30	468	527	465	528	587		295	28				5/16	4204 missed 10 sweeps, out with broken lift				
10	9:45	471	530	468	531	590		296	31	2 <sup>nd</sup> /half			4/16	466, 467 skip for house cylinder P.N				
11	10:00	472	531	469	532	591		297	32	1 <sup>st</sup> /half			5/16	4204 back in line starting with sweep #9 - v.b order 3911, 4219, 4227, 4202, 4204				
12	10:20	477	536	474	537	596		298	37	2 <sup>nd</sup> /half				F. 908s ins after F. 297 - v.b order in line 3911, 4204, 4219, 4227, 4202				
13	10:35	482	541	479	542	601		299	42					470-473 Gas well				
14	10:50	483	542	480	543	602		300	43					475-478 skip oil tanks, barn, houses				
15	11:05	484	543	481	544	603		301	44									
16	11:19	485	544	482	545	604		302	45									
17	11:34	486	545	483	546	605	476	303	46									
18	11:48	487	546	484	547	606		304	47									
19	12:02	488	547	485	548	607		305	48									
20	12:16	489	548	486	549	608		306	49									
21	12:30	490	549	487	550	609		307	50									
22	12:44	491	550	488	551	610		308	51					489-500 skip Town of Birmingham D.				

IDENTIFICATION										SET-UP NO.:			SET-UP NO.:				
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER		RECORDING TRUCK AT			RECORDING TRUCK AT		
3212		VH		Ohio-Area		Ohio-2		4050		KUITTNET		Trace _____ at VP _____			Trace _____ at VP _____		
MONTH	DAY	YEAR	CREW LOCATION						Trace _____ at VP _____			Trace _____ at VP _____					
11	03	87	Cambridge Ohio						VP _____			VP _____					
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS (NOTE: First copy with tapes; Second copy remains in truck)			
		AT VP NO.	AT VP NO.	AT VP NO.	AT VP NO.	REEL NO.	FILE NUMBER/S										
22	1:00	503	562	501	563	622	476	309	64			1	5/16	START with V.P. 501 - Black TOP - 50% Drive			
23	1:15	505	564	503	565	624		310	66					502 skip for pipeline			
24	1:29	506	565	504	566	625		311	67								
25	1:43	507	566	505	567	626		312	68					506-509 skip for house, o.i. TANKS			
26	2:10	512	571	509	572	631		313	25			2		Rec. TRK moved to 587			
27	2:24	513	572	510	573	632		314	26	1 <sup>st</sup> halt							
28	2:39	523	582	520	583	642		315	36					511-519, 521, 522 skip houses, o.i. TANKS			
29	2:53	526	585	523	586	645	477	316	39					START with V.P. 523 - GRAVEL Road Full Drive			
30	3:07	527	586	524	587	646		317	40								
31	3:21	528	587	525	588	647		318	41					4219 missed 1, 4227 missed 2			
32	3:35	529	588	526	589	648		319	42								
33	3:49	530	589	527	590	649		320	43					528 skip for pipeline			
34	4:03	532	591	529	592	651		321	45								
35	4:17	533	592	530	593	652		322	46				5/16				
36	4:31	534	593	531	594	653		323	47	1 <sup>st</sup> halt			4/16	*4227 down - vibs set for 4v.bs, TOTAL vib array, 459			
37	4:45	537	596	534	597	656		324	50				4/16				
38	4:59	538	597	535	598	657		325	51	1 <sup>st</sup> halt *4 SWEEPS - 4v.bs			4v.bs 4sweeps	V.P. 535 4v.bs, 4sweeps - v.bs to close to house			
39	5:06	552	611	549	612	671		326	65				4/16	transferred 4sweeps to TAPE V.P. 535			
														536-548 storage tanks, houses, wells			
														Crew picking up			
														END of Day			

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION			
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	N TO E				
11	04	87	3212	Ohio Area	Ohio-2	GSC-20D	6	4	-	4-2400	50' Rad.	16	10-45	VP NO. 1 AMPL NO. 1 VIBS. MOVING				
LEAVE TOWN 6:00			PARTY VH			FREQUENCY 8 Hz			STRING LAYOUT <input checked="" type="checkbox"/> End to End <input type="checkbox"/> Parallel		DIST. ACROSS SUMMED SWPS. 509.5 Ft.		ARRANGEMENT <input checked="" type="checkbox"/> Tandem <input type="checkbox"/> Abreast		TOTAL STATIONS COVERED			
ARRIVE TOWN			PARTY LOCATION Cambridge, Ohio			TYPE BASE SPike			CONNECTION <input checked="" type="checkbox"/> Series <input type="checkbox"/> Parallel		LOCATION <input checked="" type="checkbox"/> Across VP <input type="checkbox"/> Between VP		LENGTH 28 Sec.		VIBRATED SKIPPED DISTANCE			
											MOVE BETWEEN INDIV. SWPS. 20.6 Ft.		PARAMETER SETTINGS <input type="checkbox"/> Bus <input type="checkbox"/> Switch		STATION INTERVAL 330			
INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM'D	POST NORM IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT					
DFSE	120	4Ms	64	8	1600	48	MSP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	42	5-10-15mph	-	Trace _____ at					
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANUAL db	TERRAIN	TYPE SURFACE	VEGETATION	Trace _____ at					
9	SEG-B	43	72	18	60	48		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANUAL db	Hilly	GRAVEL	Grass	VP _____ at					
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS				
	6:45 AM	1	60	61	120		REEL NO.	FILE NUMBER/S						F. 901-907 Daily TEST F. 908 S.M.S				
		AT VP NO.	AT VP NO.	(549)	AT VP NO.	AT VP NO.								v. bs 3911, 4204, 4219, 3912, 4202				
														(NOTE: First copy with tapes; Second copy remains in truck)				
	7:40	556	615	616	675	478		327	12	NOISE		1	16 SWEETS	vibs @ Full DRIVE				
1	7:55	553	612	550	613	672		328	9	1,2,3			5/16					
2	8:10	554	613	551	614	673		329	10	1,2								
3	8:25	555	614	552	615	674		330	11	1								
4	8:40	556	615	553	616	675		331	12									
5	8:55	557	616	554	617	676		332	13									
6	9:10	558	617	555	618	677		333	14									
7	9:25	559	618	556	619	678		334	15									
8	9:40	560	619	557	620	679		335	16									
9	9:55	561	620	558	621	680		336	17									
10	10:09	562	621	559	622	681		337	18									
11	10:23	563	622	560	623	682		338	19	1 1/2 half								
12	10:38	570	629	567	630	689		339	26					561-566 oil TANKS, wells, houses,				
13	10:53	570	631	569	632	691	439	340	28					568 skip for water TANK				
14	11:07	573	632	570	633	692		341	29									
15	11:21	574	633	571	634	693		342	30					573, 574 skip oil TANKS				
16	11:35	575	634	572	635	694		343	31					4219 missed 2 sweets				
17	11:50	578	637	575	638	697		344	34					577, 578 skip for oil TANKS, pipeline				
18	12:04	579	638	576	639	698		345	35	1 1/2 half								
19	12:19	582	641	579	642	701		346	38	2 nd half								
20	12:33	583	642	580	643	702		347	39									
21	12:47	584	643	581	644	703		348	40	1 1/2 half				582-584 storage TANKS, house				

IDENTIFICATION										SET-UP NO.: 1				SET-UP NO.: 2			
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER		RECORDING TRUCK AT		RECORDING TRUCK AT			
3212		VH		Ohio Area		Ohio-2		4050		W. ITTNET		Trace _____ at		Trace _____ at			
MONTH	DAY	YEAR	CREW LOCATION			VP		VP		VP		VP		VP			
11	04	87	Cambridge, Ohio					644				667					
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.	AMP. NO.		TAPE		CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS			
		AT VP NO.	AT VP NO.		AT VP NO.	AT VP NO.	REEL NO.	FILE NUMBER/S									
22	1:02	588	647	585	648	707	439	349	44	2nd half - (3' move 425)			4/16	Traces 25-30 EXPONENT changed 3912 out			
23	1:17	595	654	592	655	714		350	51	1st half			4/16	586-591 skip for houses 3912 OUT			
24	1:32	603	662	600	663	722		351	59	2nd half				593-599 skip house, TANKS, Road washed out			
25	1:47	604	663	601	664	723		352	60								
26	2:02	605	664	602	665	724	440	353	61								
27	2:17	606	665	603	666	725		354	62	1st half				604-609 houses, TANKS, wells			
28	2:33	613	672	610	673	732		355	69	* STATION TRACE 730-118				* MINE Blasting during V.P. 610			
29	2:48	614	673	611	674	733		356	70	117			4/16	STATION 730 open for Bridge			
30	3:20	615	674	612	675	734		357	48	116		2	5/16	#3912 back on line R.O.C. TRK moved 667			
31	3:36	616	675	613	676	735		358	43	115			4/16	#3912 out			
32	3:52	617	676	614	677	736		359	44	1st half 119, 120			4/16	STATION 736 open for bridge R.R.			
33	4:15	620	679	617	680	739		360	53	111, 117			5/16	#3912 back in line			
34	4:30	621	680	618	681	740		361	54	110, 116				615, 616, 620, 621 skip for houses			
35	4:45	622	681	619	682	741		362	55	1st half 109, 115							
36	5:00	625	684	622	685	744		363	58	106, 112				VP 622 Black TOP - 50% DRIVE			
														END of Day			
														Crew picking up			
														END of Day			

DATE & TRAVEL			IDENTIFICATION				GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION			
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	W TO E		VP NO. 1	AMPL. NO. 1		
11	05	87	3212	Ohio Area	Ch. 2	GSC 200	6	4	-	Y 2400	50 Ft.	16	10-45 Hz			8	8		
LEAVE TOWN			PARTY		TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTRU.	DIST. ACROSS SUMMED SWPS.	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED					
ARRIVE TOWN			VH		4050	8 Hz	13.75 Ft.	End to End	316 Ft.	Pelton	509.5 Ft.	Tandem	28 Sec.	VIBRATED		SKIPPED		DISTANCE	
			Cambridge, Ohio			TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN INDIV. SWPS.	PARAMETER SETTINGS	STATION INTERVAL						
						Spike	Series	Parallel	Across VP	5	20.6 Ft.	Across VP	Bus	3.30					
INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1			
TYPE INST.	NO. TRACES	SAMPLE RATE	HIGH-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM'D.	POST NORM. IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT						
DFSD	120	4MS	64 Hz	8 Hz	1600	48 db				43	10-15	-	Trace at						
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN		NOISE REJECT	NOISE MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP at						
9	SEG-B	43	72 db	18 db	60 Hz	Fixed	MSP	Yes	No	MANUAL db	Hilly	BLACK TOP GRASS	VP 709						
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. 1	AMP. NO. 60	V.P. NO. 622	AMP. NO. 61	AMP. NO. 120	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS					
	6:45 AM	1	60	622	61	120							16 SWEEPS	F. 901-907 Daily F. 908 S. MS (Reel #440)					
	7:57	626	685		626	745	441	364	17	NOISE		1	4/16	V. 65 order: 4219, 4204, 3912, 4202-3911 out (NOTE: First copy with tapes; Second copy remains in truck)					
1	8:12	626	685	623	686	745		365	17	730, 736, 105, 111			4/16	BLACK TOP-5090 DRIVE (total v.b. array)					
2	8:27	629	688	626	689	748		366	20	102, 108				624, 625 skip for oil TANKS					
3	8:42	630	689	627	690	749		367	21	101, 107				730, 736 open for Bridges					
4	8:57	633	692	630	693	752		368	24	98, 104				628, 629 skip for houses (fence)					
5	9:12	634	693	631	694	753		369	25	1st half 97, 103				START V.P. 630 Gravel Road: full DRIVE					
6	9:27	636	695	633	696	758		370	27	95, 101				632 skip for old house					
7	9:42	638	697	635	698	757		371	29	2nd half 93, 99				634 skip for Bridge					
8	9:57	643	702	640	703	762		372	34	88, 94			4/16	636-639 skip for house, trailer					
9	10:17	644	703	641	704	763		373	35	87, 93			5/16	TAKING RADIO S. MS ON #3911					
10	10:31	645	704	642	705	764		374	36	86, 92				V. 65 TOTAL v.b. array 509.5'					
11	10:46	646	705	643	706	765		375	37	85, 91				4219 missed 2 sweeps					
12	11:01	647	706	644	707	766		376	38	84, 90									
13	11:16	648	707	645	708	767	442	377	39	2nd half 83, 89									
14	11:31	649	708	646	709	768		378	40	82, 88				647-649 skip houses, BARN					
15	11:46	653	712	650	713	772		379	44	78, 84									
16	12:01	654	713	651	714	773		380	45	77, 83									
17	12:16	655	714	652	715	774		381	46	* 76, 82				* MINE Blasting during V.P. 652					
18	12:31	656	715	653	716	775		382	47	75, 81									
19	12:46	657	716	654	717	776		383	48	74, 80									
20	1:01	658	717	655	718	777		384	49	1st half 73, 79				V.P. 655 1st v.b. pad @ midpoint, BURDER, KEMMER, F.S.					
21	1:16	662	720	659	722	781		385	53	69, 75				START with V.P. 655 Black TOP 509.5' DRIVE					
													656-659 skip for houses						

IDENTIFICATION										SET-UP NO.: 1			SET-UP NO.: 2		
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER					RECORDING TRUCK AT			RECORDING TRUCK AT		
3212	VH	Ch. Area	Ch. 0-2	4050	V. TTONET					Trace _____ at			Trace _____ at		
MONTH	DAY	YEAR	CREW LOCATION							VP	VP	VP	VP	VP	VP
11	05	87	Cambridge Ohio							VP	709	VP	756	VP	
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	VP NO. AT VP NO.	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS	
		1	60	61	120									5090 DRIVE (NOTE: First copy with tapes; Second copy remains in truck)	
22	1:31	663	722	660	723	782	442	386	54	72, 73 68, 74	1	516			
23	1:46	664	723	661	724	783		387	55	67, 73					
24	2:01	665	724	662	725	784		388	56	1 <sup>st</sup> half 66, 72			663-665 see p. 1 TANKS house		
25	2:17	669	728	666	729	788		389	60	62, 68					
26	2:32	670	729	667	730	789	443	390	61	61, 67					
27	2:46	671	730	668	731	790		391	62	1 <sup>st</sup> half 60, 66			669, 670 skip for house		
28	3:00	674	733	671	734	793		392	65	2 <sup>nd</sup> half 57, 63			672-674 skip for houses		
29	3:14	678	737	675	738	797		393	69	53, 59			676-705 skip - numerous houses, STATE HWY 800		
30	3:40	709	768	706	769	828		394	53	22, 28	2		V.P. 706 1 <sup>st</sup> V.b Pad @ Midpoint. B/B, 10' move ups		
31	3:54	715	774	712	775	834		395	59	16, 22			RECTRE has been moved.		
32	4:08	716	775	713	776	835		396	60	15, 21			START with V.P. 706 GRAVEL ROAD 10090 Drive		
33	4:23	717	776	714	777	836		397	61	14, 20					
34	4:38	718	777	715	778	837		398	62	13, 19					
35	4:52	719	778	716	779	838		399	63	12, 18			V.P. 718-723 skip for houses, water wells		
36	5:06	720	779	717	780	839		400	64	11, 17					
37	5:20	727	786	724	787	846		401	71	120 4, 10			V.P. 724 1 <sup>st</sup> V.b @ flag 724, normal spacing 10' move ups		
		SKIP		725											
		SKIP		Thru											
		SKIP		748										725-748 skip - Numerous houses, Bridge Dam, Park, STATE HWY 22	
														Jug Crew will come out tomorrow Pick up & lay out to get early start Monday END of Day - Getting dark	

DATE & TRAVEL			IDENTIFICATION			GEOPHONES			VIBRATORS			SWEEP		LINE DIRECTION		
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	TO	TO	
11	06	87	3212	Ohio-AREA	Ohio-2								Hz	←	→	
LEAVE TOWN			PARTY			FREQUENCY			SEPARATION			LENGTH		TOTAL STATIONS COVERED		
6:00			VH Vuittonet			Hz			Ft.			Sec.		VIBRATED SKIPPED DISTANCE		
ARRIVE			PARTY LOCATION			TYPE BASE			CONNECTION			LOCATION		PARAMETER SETTINGS		
6:50			Cambridge, Ohio			Series Parallel			Series Parallel			Across VP Between VP		Bus Switch		
INSTRUMENTS						SUMMING				ENVIRONMENT			DAILY SET-UP NO. 1			
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM D	POST NORM. IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT			
			Hz	Hz		db		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No				Trace	at	Trace	at
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN	NOISE REJECT N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP	VP	VP	VP	VP
			db	db		Hz	<input type="checkbox"/> IFF <input type="checkbox"/> Fixed	db								
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS		
		AT VP NO.	AT VP NO.		AT VP NO.	AT VP NO.	REEL NO.	FILE NUMBER/S						(NOTE: First copy with tapes; Second copy remains in truck)		
														DUE to Numerous skips on 11-05-87 Crew had to come out this morning to get geophones caught up. Picked up 629-704 (State Hwy 800) 725-751 - state Hwy 22 - These stations left on 11-05 due to not enough day light - Also Crew laying out 875-881 to get a good start on 11-09-87  Crew leaves field @ 11:30 AM. arrive town @ 12:26 P.M.		

6<sup>0</sup> hrs

DATE & TRAVEL			IDENTIFICATION				GEOPHONES				VIBRATORS				SWEEP		LINE DIRECTION <u>W</u> TO <u>E</u>						
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO. 1	AMPL. NO. 1	VIBS. MOVING	TOTAL STATIONS COVERED						
11	09	87	3212	Chig-ARE	11-2	GSC 20D	6	4	-	1-2400	50' <sup>10'</sup>	16	10-45 Hz										
LEAVE TOWN			PARTY		TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTRU.	DIST. ACROSS SUMMED SWPS.	ARRANGEMENT	LENGTH	VIBRATED		SKIPPED		DISTANCE					
6:00			VH		4050	8 Hz	13.75 Ft.	End to End	216 Ft.	Pelton I	5085 Ft.	Abreast	28 Sec.										
ARRIVE TOWN			PARTY LOCATION		TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN INDIV. SWPS.	SWP. LOCATION	PARAMETER SETTINGS	STATION INTERVAL										
			Cambridge, Ohio		SP. VIB	Series	Parallel	Between VP	5	20.6 Ft.	Between VP	Bus	Switch	330									
INSTRUMENTS										SUMMING				ENVIRONMENT				DAILY SET-UP NO. 1					
TYPE INST.	NO. TRACES	SAMPLE RATE	HIGH-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM. D.	POST NORM. IZ.	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT		Trace		at						
DSCZ	120	4ms	64 Hz	8 Hz	1600	48 db				42	41m	lamp	Trace		at		at						
NO. TRACKS										NOISE REJECT 'N GAIN MARGIN				TERRAIN				VEGETATION				VP	
9										MANUAL db				Hilly				GRASS				VP	
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	AMP. NO.	AMP. NO.	TAPE	CDP SWITCH NO. 1 AT	BAD TRACES		DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS										
	6:55 AM	1	60	VP NO. 1 (798)	61	120							F. 901-907 D. 111		F. 908 S. 115								
	8:05	752	811	749	812	871	484	402	11	NOISE	1	16 SWEEPS	NOTE: Reel numbers have been corrected, on 11-04-87, had reel number error, went from 498 to 439										
1	8:19	752	811	749	812	871		403	11	1/2 half (BLACKTOP - 1/2 DRIVE	5/16	752-755 skip house, dump jack											
2	8:34	753	812	750	813	872		404	12														
3	8:49	754	813	751	814	873		405	13	1/2 half													
4	9:04	758	817	755	818	877		406	17														
5	9:18	759	818	756	819	878		407	18														
6	9:32	760	819	757	820	879		408	19														
7	9:46	761	820	758	821	880		409	20														
8	9:59	764	823	761	824	883		410	23			759-760 skip											
9	10:12	765	824	762	825	884		411	24														
10	10:22	766	825	763	826	885		412	25														
11	10:45	767	826	764	827	886	485	413	26			changed tapes											
12	10:57	768	827	765	828	887		414	27														
13	11:11	769	828	766	829	888		415	28	1 1/2 half													
14	11:25	771	830	768	831	890		416	30			767 skip for bridge											
15	11:38	773	832	770	833	892		417	32			768-1 <sup>st</sup> v. 2 @ flag 768 - B/B, 6' move ups											
16	11:50	774	833	771	834	893		418	33			769 skip											
17	12:03	777	836	774	837	896		419	36			VP 771 Shook on first half of VP - 6' move ups											
18	12:16	778	837	775	838	897		420	37			VP 772 + 773 skip for oil tanks											
19	12:30	780	839	777	840	899		421	39			VP 775 shorten last half											
20	12:41	781	840	778	841	900		422	40			VP 881 short half skirt											
21	12:55	784	843	781	844	903		423	43			VP 779 + 780 skip for house											

IDENTIFICATION										SET-UP NO.:				SET-UP NO.:			
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER	RECORDING TRUCK AT				RECORDING TRUCK AT							
3212	UH	OHIO ARE	OHIO 2	4050	W. H. H. & Co.	Trace _____ at _____				Trace _____ at _____							
MONTH	DAY	YEAR	CREW LOCATION			VP				VP							
11	9	87	Cambridge Ohio			VP _____				VP _____							
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	VP NO. (748)	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	GDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS			
22	1:07	785	844	782	845	904	485	424	44			1	5/16	VP 782 Shock on last half of VP			
23	1:18	786	845	783	846	905		425	45								
24	1:32	787	846	784	847	906	486	426	46					Changed Tapes			
25	1:46	788	847	785	848	907		427	47								
26	2:02	789	848	786	849	908		428	48								
27	2:15	790	849	787	850	909		429	49					VP 787 Shock on first half of VP			
28	2:28	793	852	790	853	912		430	52					VP 788-789 Skip House & Barn			
29	2:41	794	853	791	854	913		431	53	*MINE BLASTING DURING VP 791				VP 790 Shock on last half of VP			
30	2:54	795	854	792	855	914		432	54	1 1/2 HALF				793-815 skip for houses,			
31	3:24	819	878	816	879	938		433	53			2		Several underground springs, land			
32	3:39	820	879	817	880	939		434	54	START with V.P. 817 GRAVEL ROAD				OWNERS WORRIED - REC. TRK @ 866			
33	3:52	821	880	818	881	940		435	55					(Full Drive)			
34	4:16	822	881	819	882	941		436	56								
35	4:29	823	882	820	883	942		437	57								
36	4:42	824	883	821	884	943		438	58					Last VP of the day			
<del>37</del>	SKIP	825	884	822	885	944			59					SKIP for pipe line			
														END OF Day			

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION	
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	W TO E		
11	10	87	3212	Ohio Area	Line 2	65C200	6	4		12400	50 Ft.	16	10-45 Hz	VP NO. 1 AMPL NO. 1 VIBS. MOVING		
LEAVE TOWN	TOTAL TRAVEL TIME	PARTY	OBSERVER	TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTRU.	DIST. ACROSS SUMMED SWPS.	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED			
6:00		UH	Hoyt Wittmann	4050	8 Hz	1325 Ft.	<input checked="" type="checkbox"/> End to End <input type="checkbox"/> Parallel	316 Ft.	P2H X	509.5 Ft.	<input type="checkbox"/> Tandem <input type="checkbox"/> Abreast	28 Sec.	VIBRATED	SKIPPED	DISTANCE	
ARRIVE TOWN		PARTY LOCATION			TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN INDIV. SWPS.	SWP. LOCATION	PARAMETER SETTINGS	STATION INTERVAL			
		Cambridge Ohio			SPK	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Parallel	<input type="checkbox"/> Series <input checked="" type="checkbox"/> Parallel	<input checked="" type="checkbox"/> Across VP <input type="checkbox"/> Between VP	5	20.6 Ft.	<input type="checkbox"/> Across VP <input type="checkbox"/> Between VP	<input type="checkbox"/> Bus <input type="checkbox"/> Switch	330			

INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1	
TYPE INST.	NO. TRACES	SAMPLE RATE	HIGH-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM D.	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT				
DSF II	120	7	64 Hz	8 Hz	1600	48 db	MSP	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	37	blowing hard	Wet Snowing	Trace _____ at _____				
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN		NOISE REJECT N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP	VP			
9	S4B	43	72 db	18 db	1N			<input type="checkbox"/> Yes <input type="checkbox"/> No	Manual	Hilly	Dirt Road	Grass	903				

DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.		AMP. NO.		REEL NO.	FILE NUMBER/S	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS
		1	60	(22)	61	120	AT VP NO.							
1	8:25	826	885	823	886	945	487	437	23	UP855TR20		5/16	Full DRIVE	
2	8:35	827	886	824	887	946		440	24					
3	8:47	828	887	825	888	947		441	25					
4	9:00	829	888	826	889	948		442	26					SNOWING - wet roads
5	9:17	830	889	827	890	949		443	27					Expanded table for Back Trace
6	9:30	831	890	828	891	950		444	28					
7	9:42	832	891	829	892	951		445	29					
8	9:54	833	892	830	893	952		446	30					
9	10:07	834	893	831	894	953		447	31					833, 834 SK-p house, Pipeline
10	10:20	835	894	832	895	954		448	32	First 1/2 of UP.				File 408 Sums after F.448
11	10:50	832	897	825	898	957		449	35	Last 1/2 of UP				
12	11:01	839	898	836	899	958		450	36					
13	11:13	840	899	837	900	959	488	451	37					
14	11:34	841	900	838	901	960		452	38	First 1/2 of UP.				UP839+840 SK-p for House.
15	11:50	844	903	841	904	963		453	41					
16	12:03	845	904	842	905	964		454	42					
17	12:18	846	905	843	906	965		455	43					
18	12:32	847	906	844	907	966		456	44					
19	12:44	848	907	845	908	967		457	45					
20	12:56	849	908	846	909	968		458	46					
21	1:09	850	909	847	910	969		459	47					
22	1:21	851	910	848	911	970		460	48					

Seismograph Service Corporation  
 A DIVISION OF KATHYSON COMPANY  
 500 N. W. 15th St.  
 FULTON, OKLAHOMA 74102  
 P.O. BOX 1550

IDENTIFICATION										SET-UP NO.:			SET-UP NO.:		
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER	RECORDING TRUCK AT			RECORDING TRUCK AT						
3212	VH	Elio Area	Chio-2	4050	Vuttanot-Hoy	Trace	at	VP	903	Trace	at	VP	Trace	at	VP
MONTH	DAY	YEAR	CREW LOCATION			VP			VP	VP					
10	10	87	Cambridge Ohio			VP			VP	VP					
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	V.P. NO.	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS	
		1	60		61	120								(NOTE: First copy with tapes; Second copy remains in truck)	
23	1:33	852	911	949	912	921	488	461	49			1	5/16		
24	1:46	853	912	850	913	972		462	50					End of the Day	
25															
26															
27														Shut down due to weather, snow sticking to road, icy spots, bridges frozen - going home while roads are still fair	
( Move Geophones back from Road farther ) SNOW PLOWS RUNNING. Leave field @ 3:00 PM															



DATE & TRAVEL			IDENTIFICATION				GEOPHONES				VIBRATORS				SWEEP		LINE DIRECTION <u>U</u> TO <u>E</u>		
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO. STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	FREQUENCY	VP NO. 1	AMPL NO. 1	VIBS MOVING		
11	11	87	3212	Ohio Area	Ohio 2	650200	6	4		42100	50 Ft.	16	10-45 Hz						
LEAVE TOWN			TOTAL TIME	PARTY	OBSERVER	TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTR.	DIST. ACROSS SUMMED SWPS.	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED				
6:00			2:00	VH	Vaithanet	4050	8 Hz	13.25 Ft.	<input type="checkbox"/> End to End <input checked="" type="checkbox"/> Parallel	316 Ft.	Polon I	5075 Ft.	<input checked="" type="checkbox"/> Tandem <input type="checkbox"/> Abreast	28 Sec.	VIBRATED	SKIPPED	DISTANCE		
ARRIVE TOWN				PARTY LOCATION			TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN SWP. LOCATION INDIV. SWPS.	PARAMETER SETTINGS	STATION INTERVAL					
				Cambridge Ohio			5PK	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Parallel	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Parallel		5	206 Ft.	<input checked="" type="checkbox"/> Across VP <input type="checkbox"/> Between VP	330					
INSTRUMENTS										SUMMING				ENVIRONMENT				DAILY SET-UP NO. 1	
TYPE INSTR.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM	POST NORM IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT						
DES I	120	4	64 Hz	8 Hz	1600	119 db	VSP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	32	-	Wet Snow	Trace	at 934					
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN	NOISE REJECT	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP	VP	VP					
1	Seq B	43	72 db OCT	18 db OCT	N	119	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.2 db	Flilly	Black Top	9:00	VP	VP	VP					
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	REEL NO.	FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS					
	7:30 A.F.	1	60	850	61	120	488							1.03 3911, 3912, 4219, 4204, 4202 (NOTE: First copy with tapes; Second copy remains in truck)					
	7:47	854	913	851	914	973	489	463	23	Noise 105 w/200		1	5/16	Daily Test 7:40-9:07. File 908 Radio sums 4/1 on File 463					
1	8:07	854	913	851	914	973		464	23	Full DRIVE - Gravel									
2	8:19	855	914	852	915	974		465	24										
3	8:30	856	915	853	916	975		466	25										
4	8:42	857	916	854	917	976		467	26										
5	8:56	858	917	855	918	977		468	27										
6	9:10	859	918	856	919	978		469	28					TRACES 17-24 ENVIRONMENT Changed					
7	9:25	860	919	857	920	979		470	29										
8	9:33	861	920	858	921	980		471	30										
9	9:45	862	921	859	922	981		472	31										
10	9:57	863	922	860	923	982		473	32										
11	10:10	864	923	861	924	983		474	33										
12	10:26	865	924	862	925	984	490	475	34	Changed Tapes.									
13	10:43	866	925	863	926	985		476	35					UP 871 Blacktop 50% Vibs					
14	10:55	867	926	864	927	986		477	36					UP 866 Skip because of highway cuts					
15	11:07	868	927	865	928	987		478	37	1st half				because of Road Intersection					
16	11:24	874	933	871	934	993		479	43	25% Drive				Saw Mike Brests on scope					
17	11:39	875	934	872	935	994		480	44	UP 865 10 01				UP 867-868 569+8705 Kyo Highway, Jct + houses					
18	11:52	876	935	873	936	995		481	45	TR 90									
19	12:04	877	936	874	937	996		482	46	TR 89									
20	12:17	878	937	875	938	997		483	47	TR 88									

IDENTIFICATION										SET-UP NO.:			SET-UP NO.:		
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER	RECORDING TRUCK AT			RECORDING TRUCK AT						
3212	V H	Ohio Area	Ohio-2	4050	Whitton + Hoy	Trace	at	934	Trace	at	Trace	at			
MONTH	DAY	YEAR	CREW LOCATION			VP	VP	VP	VP	VP	VP	VP			
11	11	87	Cambridge Ohio												
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	V.P. NO.	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS (NOTE: First copy with tapes; Second copy remains in truck)	
21	12:25	879	838	876	939	998	490	484	48	VP 855 to 87			5/6	VP 877 skip because of Bridge	
22	12:48	880	839	878	940	999		485	* 49	2nd half TR 86 pad of A ONE				VP 877 skip house	
23	1:04	882	841	879	942	1001		486	51					VP 878 skip in Position for 877	
24	1:16	883	842	880	943	1002		487	52						
25	1:33	884	843	881	944	1003	491	488	53	Change Tapes			5/5		
26	1:46	885	844	882	945	1004		489	54	1st half			5/6	883, 884 skip for gas pipeline	
27	1:59	888	847	885	948	1007		490	57						
28	2:42	889	848	886	949	1008		491	58						
29	2:24	890	849	887	950	1009		492	59						
30	2:36	891	850	888	951	1010		493	60					Coal Miners are doing heavy blasting	
31	2:49	892	851	889	952	1011		494	61						
32	3:01	893	852	890	953	1012		495	62						
33	3:13	894	853	891	954	1013		496	63						
34	3:26	895	854	892	955	1014		497	64						
35	3:38	896	855	893	956	1015		498	65						
36	3:50	897	856	894	957	1016		499	66						
37	4:02	898	857	895	958	1017		500	67						
38	4:17	899	858	896	959	1018	492	501	68	Changed Tapes					
39	4:30	900	859	897	960	1019		502	69						
40	4:44	901	860	898	961	1020		503	70					End of The Day	

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION <i>W</i> TO <i>E</i>	
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO. 1	AMPL NO. 1	VIBS. MOVING
11	12	87	3212	Chis H 202	DH102	650-200	6	4		42100	50 Ft.	16	10-45 Hz			
LEAVE TOWN 6:00 AM			TOTAL TRAVEL TIME 7:00 AM	PARTY VH	OBSERVER Kuttanath	TRUCK 4050	FREQUENCY 8 Hz	SEPARATION 13.75 Ft.	STRING LAYOUT <input checked="" type="checkbox"/> End to End <input type="checkbox"/> Parallel	PATTERN LGTH. 316 Ft.	TYPE INSTRU. Peltan II	DIST. ACROSS SUMMED SWPS. 509.5 Ft.	ARRANGEMENT <input type="checkbox"/> Tandem <input type="checkbox"/> Abreast	LENGTH 28 Sec.	TOTAL STATIONS COVERED	
ARRIVE TOWN			PARTY LOCATION Cambridge Hills	TYPE BASE SPK	CONNECTION <input type="checkbox"/> Series <input checked="" type="checkbox"/> Parallel	CONNECTION <input type="checkbox"/> Series <input checked="" type="checkbox"/> Parallel	LOCATION <input type="checkbox"/> Across VP <input checked="" type="checkbox"/> Between VP	NO. VIBS. 5	MOVE BETWEEN INDIV. SWPS. 26 Ft.	SWP. LOCATION <input type="checkbox"/> Across VP <input checked="" type="checkbox"/> Between VP	PARAMETER SETTINGS <input type="checkbox"/> Bus <input type="checkbox"/> Switch	STATION INTERVAL 330		DISTANCE		
INSTRUMENTS						SUMMING				ENVIRONMENT			DAILY SET-UP NO. 1			
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM D	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT			
DSF25	120	4	64 Hz	8 Hz	1600	45	45P	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	30°	-	Wet Region	Trace _____ at _____			
NO. TRACKS 9	FORMAT Seq B	REC. LENGTH	SLOPE 72 db OCT.	SLOPE 18 db OCT.	NOTCH 12 Hz	GAIN 45P		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	TERRAIN Hilly	TYPE SURFACE Hard	VEGETATION grass	VP 992 Trace _____ at _____			
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS			
	7:00 AF	1	60	990	61	120	REEL NO. FILE NUMBER/S						Daily Test 901 - 907 after file 503 (NOTE: First copy with tapes; Second copy remains in truck)			
	7:32			1015E			492 504	10				46 sweeps	VIBS 3-711-3912-4219-4204-4202			
1	8:00	902	961	899	962	1021	505	10		142		4/6	4202 not on line - F 908 SIMS after file			
2	8:58	903	962	960	963	1022	506	11		1		5/106	4202 on line			
3	9:12	904	963	901	964	1023	507	12								
4	9:24	965	964	902	965	1024	508	13	1 <sup>st</sup> half							
5	9:37	907	966	904	967	1026	509	15	5 <sup>th</sup> half				403 skip for Bridge			
6	9:49	908	967	955	968	1027	510	16								
7	10:02	909	968	966	969	1028	511	17								
8	10:21	910	969	907	970	1029	493 512	18	Changed tapes							
9	10:33	911	970	908	971	1030	513	19								
10	10:46	912	971	909	972	1031	514	20								
11	10:58	913	972	910	973	1032	515	21								
12	11:16	914	973	911	974	1033	516	22								
13	11:22	915	974	912	975	1034	517	23								
14	11:35	916	975	913	976	1035	518	24								
15	11:47	917	976	914	977	1036	519	25								
16	11:59	918	977	915	978	1037	520	26								
17	12:11	919	978	916	979	1038	521	27								
18	12:25	920	979	917	980	1039	522	28								
19	12:38	921	980	918	981	1040	523	29								
20	12:50	922	981	919	982	1041	524	30								
21	1:05	923	982	920	983	1042	494 525	31								

IDENTIFICATION										SET-UP NO.: 1			SET-UP NO.:		
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER	RECORDING TRUCK AT			RECORDING TRUCK AT						
3312	HV	3212	Ohio 2	4050	Vuithon, H. - Hwy	Trace _____ at	VP 992		Trace _____ at	Trace _____ at		Trace _____ at			
MONTH	DAY	YEAR	CREW LOCATION			VP			VP						
11	12	87	Cambridge Ohio			VP			VP						
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. 1	AMP. NO. 60	V.P. NO.	AMP. NO. 61	AMP. NO. 170	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS	
		AT VP NO.	AT VP NO.	AT VP NO.	AT VP NO.	AT VP NO.								(NOTE: First copy with tapes; Second copy remains in truck)	
22	1:17	924	983	921	984	1043	494	526	32			1	5/16		
23	1:29	925	984	922	985	1044		527	33						
24	1:41	926	985	923	986	1045		528	34						
25	1:54	927	986	924	987	1046		529	35	1 <sup>st</sup> half					
26	2:12	931	990	928	992	1050		530	39	2 <sup>nd</sup> half	Bumper to Bumper			VP 924-926 Sky house VP 927 Sky Contact + House	
27	2:23	932	991	929	993	1051		531	40						
28	2:35	933	992	930	994	1052		532	41						
29	2:48	934	993	931	994	1053		533	42	2 <sup>nd</sup> half					
30	3:01	935	994	932	995	1054		534	43						
31	3:14	936	995	933	996	1055		535	44						
32	3:28	937	996	934	997	1056		536	45					4219 Missed / sweep	
33	3:42	938	997	935	998	1057		537	46						
34	3:56	939	998	936	999	1058	495	538	47					3911, 4219 Missed / sweep	
35	4:09	940	999	937	1000	1059		539	48						
36	4:22	941	1000	938	1001	1060		540	49						
37	4:35	942	1001	939	1002	1061		541	50						
38	4:48	943	1002	940	1003	1062		542	51						
39	5:02	944	1003	941	1004	1063		543	52						
														END OF Day	

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION		
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO. /STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	W TO E			
11	13	87	3212	OHIO AREA	Ohio-2	GSC-20D	6	4		Y-2400	50 Ft.	16	10-45 Hz	VP NO. 1 AMPL NO. 1 VIBS. MOVING			
LEAVE TOWN 6:00			TOTAL TRAVEL TIME	PARTY	OBSERVER	TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTR.	DIST. ACROSS SUMMED SWP	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED		
ARRIVE TOWN				VH	WATSON	4050	8 Hz	13.75 Ft.	End to End Parallel	316 Ft.	Pelton I	5075 Ft.	Tandem Abreast	28 Sec.	VIBRATED	SKIPPED	DISTANCE
				Cambridge, Ohio			TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN INDIV. SWPS	SWP. LOCATION	PARAMETER SETTINGS	STATION INTERVAL		
							SP.Ko	Series Parallel	Series Parallel	Across VP Between VP	5	20.6 Ft.	Across VP Between VP	Bus Switch	330		

INSTRUMENTS						SUMMING				ENVIRONMENT			DAILY SET-UP NO. 1	
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM D.	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT	
DFSR	120	4ms	64 Hz	8 Hz	1600	48 db	MSP	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	30's	5-10	Snow melting	Trace _____ at	
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN		NOISE REJECT'N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	Trace _____ at	
9	SEG-B	43	72 db	18 db	60	Hz	<input type="checkbox"/> 1FP <input type="checkbox"/> Fixed	<input type="checkbox"/> Yes <input type="checkbox"/> No	MANUAL db	Hilly	BLACK TOP	Grass	VP	VP 1020

DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.	AMP. NO.		TAPE		CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS	
		AT VP NO.	AT VP NO.		AT VP NO.	AT VP NO.	REEL NO.	FILE NUMBER/S						File 901 thru 908	File 902 NR F-909 5:45
	7:00 AF	1	60	741	61	120									DAILY TEST
		945	1004	942	1005	1064	495	544	25						Noise Spikes. VIBS 391, 392, 429, 420, 4202
1	8:24	945	1004	942	1005	1064	495	545	25				4/16	4202 DAT	BLACK TOP-5070 DRIVE
2	8:35	946	1005	943	1006	1065		546	26				5/16	4202 back in NE	
3	8:58	947	1006	944	1007	1066		547	27						
4	9:10	948	1007	945	1008	1067		548	28	1st half					VP 946-947 skip Bridge + houses
5	9:22	951	1010	948	1011	1070	496	549	31	Changed Tapes					
6	9:39	952	1011	949	1012	1071		550	32						
7	9:51	953	1012	950	1013	1072		551	33						
8	10:03	954	1013	951	1014	1073		552	34						
9	10:15	955	1014	952	1015	1074		553	35						
10	10:28	956	1015	953	1016	1075		554	36						
11	10:30	957	1016	954	1017	1076		555	37						
12	10:52	958	1016	955	1017	1077		556	38	1st half.					956-958 skip for houses
13	11:05	962	1020	959	1021	1081		557	42						TRACES 1-12 EXPONENT changed
14	11:20	963	1021	960	1022	1082		558	43						
15	11:32	964	1022	961	1023	1083		559	44						
16	11:44	965	1023	962	1024	1084		560	45						
17	11:56	966	1024	963	1025	1085		561	46						
18	12:09	967	1025	964	1026	1086	497	562	47	Changed Tapes		5/15			945-985 skip town of NEW
19	12:39	989	1048	986	1049	1108		563	32	REC. TRK @ 1057	2	5/16			ATHENS, O. - NUMEROUS HOUSES
20	12:53	990	1049	987	1050	1109		564	33						TRACES 49-54 EXPONENT changed
21	1:07	990	1049	988	1050	1109		565	33*						VP 988 CDP of set for 987

IDENTIFICATION										SET-UP NO.: 2			SET-UP NO.:		
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER	RECORDING TRUCK AT			RECORDING TRUCK AT						
3212	VIT	Ohio Area	Ohio 2	4050	VUITTONE T Hoy	Trace _____ at	Trace _____ at	Trace _____ at	Trace _____ at	Trace _____ at	Trace _____ at	Trace _____ at			
MONTH	DAY	YEAR	CREW LOCATION			VP			VP						
11	13	87	Cambridge Ohio			VP _____	VP 1057	VP _____	VP _____	VP _____	VP _____	VP _____			
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	V.P. NO.	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS (NOTE: First copy with tapes; Second copy remains in truck)	
22	1:22	996	1055	993	1056	1115	497	566	39	Bumper Bumper	?	2	5/16	989-992 skip for houses, Bridge	
23	1:37	998	1057	995	1058	1117		567	41	B/B 2 <sup>nd</sup> /half				994 skip for pipeline	
24	1:51	1001	1060	998	1061	1120		568	44	2 <sup>nd</sup> /half				996, 997 skip for houses	
25	2:05	1002	1061	999	1062	1121		569	45					1001 skip for house	
	SKIP				1001										
														Crew picking up, Break in cable for week-end	
														End of Day	

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP	LINE DIRECTION <i>W</i> TO <i>E</i>				
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO. 1	AMPL NO. 1	VIBS. MOVING		
11	16	67	3212	Ohio Area	Ohio-2	65C-200	6	4	-	Y-2400	50' Ft.	16	10-45 Hz					
LEAVE TOWN			TOTAL TRAVEL TIME			PARTY			OBSERVER			TRUCK			TOTAL STATIONS COVERED			
6:00			1:00			VH			Vittone			4050			VIBRATED			
ARRIVE TOWN			PARTY LOCATION			TYPE BASE			CONNECTION			LOCATION			NO. VIBS.			
			Cambridge Ohio			Spice			Parallel			Across VP			5			
INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM'D	POST NORM'IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT	Trace	at	Trace	at	
MSZ	120	4MS	64 Hz	0 Hz	1600	48 db	MSP	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	30's	5-10	-	Trace					
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN	NOISE REJECT'N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP	VP	VP	VP	VP	VP	
9	SEG-B	43	72 db	18 db	60 Hz	48 db	Yes <input type="checkbox"/> No <input type="checkbox"/>	MANUAL db	Hilly	Black TOP	Grass							
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS				
	9:10AF	1	60	1001	61	120	REEL NO.	FILE NUMBER/S						F. 901-918 Daily TEST				
	8:15	1065	1064	1002	1065	1124	497	570	10	NOISE		1	16 SWEEPS	BLACK TOP-50% drive				
1	8:28	1065	1064	1002	1065	1124		571	10	1-2			5/16					
2	8:41	1066	1065	1003	1066	1125		572	11	1								
3	8:51	1067	1066	1004	1067	1126		573	12									
4	9:09	1068	1067	1005	1068	1127	498	575	13		574			delete F-574				
5	9:22	1069	1068	1006	1069	1128		576	14									
6	9:34	1070	1069	1007	1070	1129		577	15									
7	9:47	1071	1070	1008	1071	1130		578	16									
8	9:59	1072	1072	1010	1073	1132		579	18					VP 1009 skip for Topo.				
9	10:11	1073	1073	1011	1074	1133		580	19									
10	10:27	1074	1074	1012	1075	1134		581	20					1013 skip for Bridge				
11	10:40	1075	1075	1013	1076	1135		582	21									
12	10:52	1076	1076	1014	1077	1136		583	23					95 sweeps on VP 1015 - due to pipe line				
13	11:01	1077	1077	1015	1078	1137		584	25	2 <sup>nd</sup> half				Skip 1016 Highway Intersection.				
14	11:13	1078	1078	1016	1079	1138		585	26					V.P. 1017 - GRAVEL ROAD - FULL DRIVE				
15	11:25	1079	1079	1017	1080	1139		586	27					F. 909 S'ns after F. 586, Reel #498				
16	11:40	1080	1080	1018	1081	1140		587	28					TRACES 43-48 EXPONENT changed				
17	11:55	1081	1081	1019	1082	1141		588	29									
18	12:10	1082	1082	1020	1083	1142	499	589	30	1 <sup>st</sup> half				1023-1025 skip for trailer				
19	12:25	1083	1083	1021	1084	1143		590	34	2 <sup>nd</sup> half				Houses				
20	12:39	1084	1084	1022	1085	1144		591	35									
21	12:53	1085	1085	1023	1086	1145		592	36					MINE Blasting During V.P. 1028				

IDENTIFICATION										SET-UP NO.: 1				SET-UP NO.:			
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER		RECORDING TRUCK AT		RECORDING TRUCK AT		RECORDING TRUCK AT	
3212		VH		Ohio-Area Ohio-2		4050		Vuittonet-Hoy		Trace _____ at _____		Trace _____ at _____		Trace _____ at _____		Trace _____ at _____	
MONTH	DAY	YEAR		CREW LOCATION		VP		VP		VP		VP		VP		VP	
11	16	87		Cambridge, Ohio		VP		VP 1095		VP		VP		VP		VP	
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	V.P. NO.	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS (NOTE: First copy with tapes; Second copy remains in truck)			
22	1:08	1032	1091	1029	1092	1151	499	593	37			1	5/16				
23	1:19	1033	1092	1030	1093	1152		594	38								
24	1:31	1034	1093	1031	1094	1153		595	39								
25	1:43	1035	1094	1032	1095	1154		596	40								
26	1:56	1036	1095	1033	1096	1155		597	41	2nd half				Minor Blasting, all time record			
27	2:27	1037	1096	1034	1097	1156		598	42								
28	2:40	1038	1097	1035	1098	1157		599	43								
29	2:54	1039	1098	1036	1099	1158	500	600	44	Changed Tapes							
30	3:16	1040	1099	1037	1100	1159		601	45					Turned Drive to 50% for VP 1037 + 1039			
31	3:29	1041	1100	1038	1101	1160		602	46					VP 1039 Full Drive			
32	3:41	1042	1101	1039	1102	1161		603	47								
33	3:53	1043	1102	1040	1103	1162		604	48								
34	4:07	1044	1103	1041	1104	1163		605	49								
35	4:22	1045	1104	1042	1105	1164		606	50								
36	4:37	1046	1105	1043	1106	1165		607	51								
37	4:51	1047	1106	1044	1107	1166		608	52								
38	5:05	1048	1107	1045	1108	1167		609	53					End of Day			

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION				
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO. 1	AMPL. NO. 1	VIBS. MOVING			
11	17	87	3212	Ohio AREA	24.0-2	GSC 200	6	4	-	Y-2400	50' Ft.	16	10-45 Hz	W	E				
LEAVE TOWN			PARTY	OBSERVER	TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTR.	DIST. ACROSS SUMMED SWPS	ARRANGEMENT	LENGTH	TOTAL STATIONS COVERED					
6:00			VH	Vaitrong	4050	8 Hz	13.75' Ft.	End to End <input type="checkbox"/> Parallel	316' Ft.	Pelton II	509.5' Ft.	<input type="checkbox"/> Tandem <input type="checkbox"/> Abreast	28	VIBRATED SKIPPED DISTANCE					
ARRIVE TOWN			PARTY LOCATION			TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN INDIV. SWPS	SWP. LOCATION	PARAMETER SETTINGS	STATION INTERVAL					
			Cambridge, Ohio			Spike	<input checked="" type="checkbox"/> Series <input type="checkbox"/> Parallel	<input type="checkbox"/> Series <input type="checkbox"/> Parallel	<input type="checkbox"/> Across VP <input type="checkbox"/> Between VP	5	20.6' Ft.	<input type="checkbox"/> Across VP <input type="checkbox"/> Between VP	<input type="checkbox"/> Bus <input type="checkbox"/> Switch	330'					
INSTRUMENTS											SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1		
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM'D	POST NORM. IZ	TEMP.	WIND	PRESECT	RECORDING TRUCK AT						
DF5K	120	4ms	64 Hz	8 Hz	1600	48 db	MSP	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	30's	10-20mph		Trace _____ at						
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN	NOISE REJECT'N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP _____ at							
229	566-B	43	72 db	18 db	60	Hz	<input checked="" type="checkbox"/> 1FP <input type="checkbox"/> Fixed	MANUAL db	Hilly	GRAVEL ROAD	GRASS	VP 1122							
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE		CDP SWITCH	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS					
	7:05 AM	1	60	1085	61	120	REEL NO.	FILE NUMBER/S	NO. 1 AT					F. 901-907 Daily Test F. 908 s. ms, Reel 500					
	7:50	1049	1108		1109	1168	500	610	27	NOISE		1	12 SWEEPS	Full DRIVE					
1	8:04	1049	1108	1046	1109	1168	501	611	29				5/16						
2	8:27	1050	1109	1047	1110	1169		612	28										
3	8:41	1051	1110	1048	1111	1170		613	29										
4	8:55	1052	1111	1049	1112	1171		614	30										
5	9:09	1053	1112	1050	1113	1172		615	31					#4219 missed 2 sweeps					
6	9:22	1054	1113	1051	1114	1173		616	32										
7	9:28	1055	1114	1052	1115	1174		617	33					VP 1053-54-55+56 skip because					
8	9:41	1060	1119	1057	1120	1179		618	38	2nd half				of houses					
9	9:50	1061	1120	1058	1121	1180		619	39										
10	10:03	1062	1121	1059	1122	1181		620	40					STARTING TO RAIN					
11	10:20	1063	1122	1060	1123	1182		621	41										
12	10:32	1064	1123	1061	1124	1183		622	42					LIGHT RAIN					
13	10:46	1068	1127	1065	1128	1187		623	46	2nd half				VP 1062-1063-1064 skip for houses					
14	11:01	1069	1128	1066	1129	1188	502	624	47					H.A. very, very light RAIN					
15	11:16	1070	1129	1067	1130	1189		625	48	1st half				V.P. 1068-1070 skip for houses					
16	11:30	1074	1133	1071	1134	1193		626	52					STOPPED RAINING - cloudy, overcast					
17	11:44	1075	1134	1072	1135	1194		627	53										
18	11:58	1076	1135	1073	1136	1195		628	54										
19	12:02	1077	1136	1074	1137	1196		629	55					1075-1083 skip for houses, water wells					
20	12:26	1087	1146	1084	1147	1206		630	65										
21	12:40	1088	1147	1085	1148	1207		631	66					1086, 1087 skip for house					

IDENTIFICATION										SET-UP NO.: 1			SET-UP NO.: 2		
CONTRACT NO.	PARTY	PROSPECT	LINE	TRUCK	OBSERVER	RECORDING TRUCK AT			RECORDING TRUCK AT						
3212	VH	Ohio AREA	Ohio 2	4050	Vuittenet Hoy	Trace	at	Trace	at	Trace	at	Trace	at		
MONTH	DAY	YEAR	CREW LOCATION		VP			VP			VP				
11	17	87	Cambridge, Ohio		VP		VP		VP		VP		VP		
DAILY PROFILE NO.	TIME RECORDED	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	V.P. NO.	AMP. NO. AT VP NO.	AMP. NO. AT VP NO.	REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VISS/SWPS	REMARKS (NOTE: First copy with tapes; Second copy remains in truck)	
22	12:55	1091	1150	1088	1151	1210	502	632	69			1	5/16	1090 skip for cemetery	
23	1:10	1092	1151	1089	1152	1211		633	70	1 <sup>st</sup> half					
24	1:40	1094	1153	1091	1154	1213		634	29			2		Rec. TRK moved to 1165	
25	1:50	1095	1154	1092	1155	1214		635	30					VP 10-14-1095-1096-1097 skip from well	
26	2:00	1096	1155	1093	1156	1215		636	31						
27	2:17	1001	1160	1098	1161	1220	503	638	36	Changed Tapes				File 637 NR	
28	3:00	1002	1161	1099	1162	1221		639	37						
29	3:16	1003	1162	1100	1163	1222		640	38						
30	3:34	1004	1163	1101	1164	1223		641	39						
31	3:46	1005	1164	1102	1165	1224		642	40						
32	3:58	1006	1165	1103	1166	1226		643	41						
33	4:10	1007	1166	1104	1167	1227		644	42						
34	4:22	1008	1167	1105	1168	1228		645	43						
35	4:35	1009	1168	1106	1169	1229		646	44						
36	4:47	1000	1169	1107	1170	1230		647	45						
<del>37</del>															
<del>38</del>															
														END of the day Vibrotone making go around,	



DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION																	
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	W TO E																		
11	18	87	3212	Ohio-A	Ohio-2	GSC-20D	6	4	-	Y.2400	50' Ft.	16	10-45 Hz	VP NO. 1 AMPL. NO. 1 VIBS. MOVING																		
LEAVE TOWN			TOTAL TRAVEL TIME		PARTY		OBSERVER		TRUCK		FREQUENCY		SEPARATION		STRING LAYOUT		PATTERN LGTH.		TYPE INSTR.		DIST. ACROSS SUMMED SWPS		ARRANGEMENT		LENGTH		TOTAL STATIONS COVERED					
1:00					VA		Hay		4050		8 Hz		13.75' Ft.		Parallel		316' Ft.		Peltor I		507.5' Ft.		Tandem		28 Sec.		VIBRATED		SKIPPED		DISTANCE	
ARRIVE TOWN			PARTY LOCATION		TYPE BASE		CONNECTION		CONNECTION		LOCATION		NO. VIBS.		MOVE BETWEEN INDIV. SWPS		SWP. LOCATION		PARAMETER SETTINGS		STATION INTERVAL						330					
			Cambridge, Ohio		Spike		Series		Parallel		Across VP		5		Between VP		Across VP		Bus		Switch											
INSTRUMENTS										SUMMING			ENVIRONMENT			DAILY SET-UP NO. 1																
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM DJ	POST NORM IZ	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT																			
DFST	120	4MS	64 Hz	8 Hz	1600	48 db	MSP	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	40'S	10-15 MPH	WET	Trace _____ at																			
9	SEG-B	43	72 db	18 db	60 Hz	<input checked="" type="checkbox"/> IFF <input type="checkbox"/> Fixed		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANUAL db	Hilly	GRASS	Trace _____ at																				
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	TAPE	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS																			
	7:25 AF	1	60	1107	61	120	REEL NO. FILE NUMBER/S						F. 901 - 907 Daily TEST F. 908 Sums - Reel 504 (NOTE: First copy with tapes; Second copy remains in truck)																			
		1115	1174	1112	1175	1234	503 648	50			1	16 SWEEPS	1108-1111 skip for 5 ton bridge, houses																			
1	8:15	1115	1174	1112	1175	1234	504 649	50	Change 2 Tapes				U. 3911 - 4204 4219 - 4227 - 4202																			
2	8:24	1116	1175	1113	1176	1235	650	51					V.P. 1112, 1113 - 1/2 DRIVE																			
3	8:43	1131	1190	1127	1191	1250	651	65	VP 1127 shift in position for VP 1120				VP'S 1114 thru 1127 skip houses -																			
4	8:56	1131	1190	1128	1191	1250	652	67					START WITH V.P. 1127 - full DRIVE																			
5	9:08	1132	1191	1129	1192	1251	653	67																								
6	9:22	1133	1192	1130	1193	1252	654	68																								
7	9:32	1134	1193	1131	1194	1253	655	69																								
8	9:45	1135	1194	1132	1195	1254	656	70																								
9	9:57	1136	1195	1133	1196	1255	657	71		120																						
10	10:10	1137	1196	1134	1197	1256	658	72		119-120																						
11	10:45	1138	1197	1135	1198	1257	659	11		1	2		New setup at 1227																			
12	10:56	1139	1198	1136	1199	1258	660	12					1137, 1138, 1139 vibs missing sweeps																			
13	11:08	1140	1199	1137	1200	1259	505 662	13		661																						
14	11:30	1141	1200	1138	1201	1260	663	14					Skip 1145 thru 1174 skip																			
15	11:44	1142	1201	1139	1202	1261	664	15					because of town																			
16	12:07	1147	1206	1144	1209	1266	665	20					Skip 1140 thru 1143 houses																			
17	12:20	1148	1207	1145	1208	1267	666	21					Skip 1175 thru 1180 houses.																			
18	12:44	1178	1237	1175	1238	1297	667	51																								
19	12:56	1179	1238	1176	1239	1298	668	52																								
20	1:12	1179	1238	1181	1239	1298	669	52					Team VP 1176 will be																			
21	1:25	1179	1238	1182	1239	1298	670	52	1/2				vibrating up the cable																			
													CDP will stay in same position.																			



IDENTIFICATION										SET-UP NO.:				SET-UP NO.:			
CONTRACT NO.		PARTY		PROSPECT		LINE		TRUCK		OBSERVER		RECORDING TRUCK AT					
3212		JH		OHIO-A		Ohio-2		4050		Whittonet-1104		Trace _____ at _____					
MONTH	DAY	YEAR		CREW LOCATION						VP		VP		VP		VP	
11	18	87		Cambridge, Ohio						VP 1227		VP		VP		VP	
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.		V.P. NO.	AMP. NO.		REEL NO.	TAPE FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS			
		AT VP NO.	AT VP NO.		AT VP NO.	AT VP NO.								(NOTE: First copy with tapes; Second copy remains in truck)			
22	1:39	1179	1238	1187	1239	1298	505	671	52			2	5/10	VP 1183 Thru 1186 skip houses			
23	1:52	1179	1238	1188	1239	1298		672	"								
24	2:03	1179	1238	1189	1239	1298		673	"								
25	2:15	1179	1238	1190	1239	1298		674	"								
26	2:30	1179	1238	1191	1239	1298	506	675	"	opened tapes							
27	2:43	1179	1238	1193	1239	1298		676	"	2nd half							
28	2:55	1179	1238	1194	1239	1298		677	"								
29	3:07	1179	1238	1195	1239	1298		678	"								
30	3:19	1179	1238	1196	1239	1298		679	"								
31	3:35	1179	1238	1202	1239	1298		680	"	2nd 1/2				VP 1197 Thru 1201 skip houses			
32	3:48	1179	1238	1203	1239	1298		681	"	1st 1/2							
33	4:06	1179	1238	1220	1239	1298		682	"					VP 1204 Thru 1219 skip state highway			
									"					VP 1220 Last UP for the Day			
									"								
									"								

DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION																							
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY	VP NO. 1	AMPL. NO. 1	VIBS. MOVING																						
11	19	87	3212	OHIO AREA	OHIO-2	GSC-20D	6	4		Y-2400	50' Ft.	16	10-45 Hz																									
LEAVE TOWN			PARTY			TRUCK			SEPARATION			STRING LAYOUT			PATTERN LGTH.			TYPE INSTRU.			DIST. ACROSS SWEEP			ARRANGEMENT			LENGTH			TOTAL STATIONS COVERED								
6:00			VH			4050			8 Hz			13.75' Ft.			386' Ft.			Pelton			509.5' Ft.			Tandem			28 Sec.			VIBRATED			SKIPPED			DISTANCE		
ARRIVE TOWN			PARTY LOCATION			TYPE BASE			CONNECTION			CONNECTION			LOCATION			NO. VIBS.			MOVE BETWEEN INDIV. SWPS.			SWP. LOCATION			PARAMETER SETTINGS			STATION INTERVAL								
			Cambridge, Ohio			SPike			<input type="checkbox"/> Series <input type="checkbox"/> Parallel			<input type="checkbox"/> Series <input type="checkbox"/> Parallel			<input type="checkbox"/> Across VP <input type="checkbox"/> Between VP			5			<input type="checkbox"/> Across VP <input type="checkbox"/> Between VP			<input type="checkbox"/> Bus <input type="checkbox"/> Switch			330'											
INSTRUMENTS												SUMMING				ENVIRONMENT				DAILY SET-UP NO. 1																		
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM'D	POST NORM IZE	TEMP.	WIND	PRECIP.	RECORDING TRUCK AT																									
DFS V	120	4ms	69 Hz	8 Hz	1600	48 db		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	35			Trace _____ at																									
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN	NOISE REJECT	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION	VP	Trace _____ at																									
9	SEG-B	43	72 db	18 db	60	Hz	<input checked="" type="checkbox"/> P <input type="checkbox"/> F	Fixed	MSP	Hilly	GRASS	VP	Trace _____ at																									
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	REEL NO.	FILE NUMBER/S	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS																								
	7:15 AM	1	60	61	120	(220)							16	F. 901-907 Daily Tests																								
		AT VP NO.	AT VP NO.	AT VP NO.	AT VP NO.	AT VP NO.							SWEEPS	(NOTE: First copy with tapes, Second copy remains in truck)																								
	8:00	1179	1238	1239	1298	506		683	52	NOISE		1		C.D.P. Stationary																								
1	8:33	1179	1238	1221	1239	1298		684	11					43 to 48 Exp Changed																								
2	8:46	"	"	1222	"	"		685	"																													
3	8:51	"	"	1223	"	"	507	686	"	Changed Tapes.																												
4	9:02	"	"	1224	"	"		687	"																													
5	9:14	"	"	1225	"	"		688	"																													
6	9:26	"	"	1226	"	"		689	"																													
7	9:38	"	"	1227	"	"		690	"	1st half																												
8	9:52	"	"	1231	"	"		691	"					VP 1228 Thru 1230 skip for freeze																								
9	10:04	"	"	1232	"	"		692	"																													
10	10:16	"	"	1233	"	"		693	"	1st half				54 to 60 Exp Changed																								
11	10:35	"	"	1253	"	"		694	"					VP 1228 Thru 1252 houses Rd 1.																								
12	10:50	"	"	1262	"	"		695	"					73-78 Exp Changed																								
13	11:02	"	"	1263	"	"		696	"					VP 1254 Thru 1261 skip houses end of rd																								
14	11:14	"	"	1264	"	"		697	"					+ R D'S																								
15	11:32	"	"	1289	"	"		698	"					VP 1265 Thru 1288 skip houses																								
														VP 1290 Thru 1298 skip "																								
														VP 1289 LAST VP on line																								
														End of Day																								
														Everybody is picking up line																								



DATE & TRAVEL			IDENTIFICATION			GEOPHONES				VIBRATORS			SWEEP		LINE DIRECTION <u>W</u> TO <u>E</u>		
MONTH	DAY	YEAR	CONTRACT NO.	PROSPECT	LINE	TYPE	NO./STRING	NO. OF STRINGS	PATTERN WIDTH	TYPE VIBS.	SEPARATION	SWEEPS/VP	FREQUENCY		VP NO.1	AMPL NO.1	
10	26	87	3212	Ohio Area	Ohio-2	GS-20D	6	4	-	Y-2400	50' Pad	16	10 - 45 Hz		8	8	
LEAVE TOWN			PARTY	OBSERVER	TRUCK	FREQUENCY	SEPARATION	STRING LAYOUT	PATTERN LGTH.	TYPE INSTRU.	DIST. ACROSS SUMMED SWPS.	ARRANGEMENT	LENGTH		TOTAL STATIONS COVERED		
ARRIVE TOWN			VH	Vuittonet	405D	8 Hz	13.75 Ft.	<input type="checkbox"/> End to End <input type="checkbox"/> Parallel	316 Ft.	FELTON II	509.5 Ft.	<input type="checkbox"/> Tandem <input type="checkbox"/> Abreast	28 Sec.		VIBRATED	SKIPPED	DISTANCE
			PARTY LOCATION			TYPE BASE	CONNECTION	CONNECTION	LOCATION	NO. VIBS.	MOVE BETWEEN INDIV. SWPS.	SWP. LOCATION	PARAMETER SETTINGS		STATION INTERVAL		
			# Cambridge Ohio			Spike	<input type="checkbox"/> Series <input type="checkbox"/> Parallel	<input type="checkbox"/> Series <input checked="" type="checkbox"/> Parallel	<input type="checkbox"/> Across VP <input type="checkbox"/> Between VP	5	20.6 Ft.	<input type="checkbox"/> Across VP <input type="checkbox"/> Between VP	<input type="checkbox"/> Bus <input type="checkbox"/> Switch		330'		
INSTRUMENTS						SUMMING				ENVIRONMENT				DAILY SET-UP NO. 1			
TYPE INST.	NO. TRACES	SAMPLE RATE	HI-CUT FILTER	LO-CUT FILTER	BPI	PRE-AMP GAIN	TYPE SUMMER	REF. SWP. SUM'D	POST NORM'IZE	TEMP.	WIND	PRECIP.		RECORDING TRUCK AT			
DASZ	120	4ms	164 Hz	8 Hz	1600	48 db	MSP	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	50	0-5	-		Trace _____ at	Trace _____ at		
NO. TRACKS	FORMAT	REC. LENGTH	SLOPE	SLOPE	NOTCH	GAIN	NOISE REJECT'N	GAIN MARGIN	TERRAIN	TYPE SURFACE	VEGETATION		VP _____				
9	SEG-B	43	72 db OCT.	18 db OCT.	60 Hz	60 Hz	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	MANNA 1 db	Hilly	Dirt Road	Grass		VP _____				
DAILY PROFILE NO.	TIME RECORDED	AMP. NO.	AMP. NO.	V.P. NO.	AMP. NO.	AMP. NO.	REEL NO.	TAPE FILE NUMBER/S	COM-PUTER R.I.	CDP SWITCH NO. 1 AT	BAD TRACES	DELETE RECORD	SET-UP NO.	NUMBER VIBS/SWPS	REMARKS		
1	1:45	155	214	152	215	274	901	01		70	LIFT Relays-Bypassed		5/16	5	Vibs: 3911, 4204, 4219, 4227, 4202 (NOTE: First copy with tapes; Second copy remains in truck)		
										70							
2	2:00	155	214	152	215	274		02		70	LIFT Relays-Bypassed		5/16	5	Daily profile #2 - vib #4219 started approx. 6sec. late on the 3rd sweep		
3	2:15	155	214	152	215	275		03		70	LIFT Relays Bypassed		5/16	5	Profile #3 4 vibs @ 10-45 Hz, 1 vib @ start freq. of 14 Hz each sweep		