

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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OF
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CLIENT COCORP	AREA Nevada	STATE NEVADA	COUNTY LANDER	DATE 9-22-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy		LINE NO. # 6 test

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	Pulse	1-6sec			missed sweep	739	OUT	IN		B.O.T #739, 900 10sec ALL ONES.
2	FINT	2-11"								Recorder set up at STA #72-73
3	D.R.D	4-11"								
4	sum test	2-11"								NOTE: ALIAS 62.25, SAMPLE RATE 4ms, 28sec sweep, 42sec Record, MOVE UP 27.5, 220' STA
5	N.R.J	2-11"								
6	similarity	1-28sec	235	4					50%	
7	windstrip	1-42sec	5						720b	
8	1	5-100	5	4					50%	
9	2	6-101	6						50%	
10										
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN <i>See Remarks</i>	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN x 	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR 4-V1100'S	TYPE GEOPHONE ETL DV22B	FREQUENCY 7.5HZ	STATION INTERVAL 330'
REMARKS 4ms sample RATE / 42sec Record Length-	OBSERVER B. PATTON, M. Richey	PARTY MGR. Z. DAVIS			

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.

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CLIENT COCORP	AREA Nevada	STATE Nevada	COUNTY LANDER	DATE 9-29-83
CREW NO. 1834	TERRAIN Dirt Road + cross country	WEATHER cloudy + WET	LINE NO. # 6 test	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933 PULSE	1-6sec				739	OUT	IN		Recorder set up at 213-214
2	934 EINT	2-''''								NOTE: STA #214 OPEN.
3	939 D.R.D	4-''''								ALIAS 62.25, SAMPLE RATE 4ms, 28sec sweep
4	954 sum test	2-''''								42sec Record, MOVE UP 27.5', 220' STA.
5	961 N.R.J	2-''''								4 STA OFFSET, 8 SWEEP
6	932 SIMILARITY	1-28sec	235	5		739			50%	E.O.T #739, TAPE MKTS
7	003 WINDSTRIP	1-42sec	11			740			72Db	B.O.T #740, 900 10sec ALL ONES.
8	004 148	152-247	11	5	1				50%	
9	005 149	153-248	12						50%	
10	006 150	154-249	13						50%	
11	007 151	155-250	14						50%	
12	008 152	156-251	15		1				50%	
13	009 153	157-252	16						50%	
14	010 154	158-253	17			740			50%	E.O.T #740, TAPE MKTS
15	011 155	159-254	18		WINDSTRIP	741			72Db	B.O.T #741, 900 10sec ALL ONES
16	012 155	159-254	18						50%	
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32Hz/28sec	SWEEP PATTERN SEE REMARKS	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN / X /	
GEOPHONES 74	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-V1100r	TYPE GEOPHONE ETLDV22B	FREQUENCY 7.5HZ	STATION INTERVAL 330'
OBSERVER P. PATTON, M. Richey				PARTY MGR. L. DAVIS	

RATE / 42sec Record Length

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-4-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road & cross country</i>	WEATHER <i>clear + WET.</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	<i>933 PULSE</i>	<i>1-6sec</i>				<i>741</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set up at 222-223</i>
2	<i>934 EINT</i>	<i>2- " "</i>								
3	<i>935 D.R.D</i>	<i>4- " "</i>								<i>Alias 62.25, sample rate 4ms, 28sec sweep,</i>
4	<i>936 slow test</i>	<i>2- " "</i>								<i>42sec Record, make up 27.5, 220' STA.</i>
5	<i>937 N.R.S</i>	<i>2- " "</i>								<i>4STA OFFSET, 8 sweep.</i>
6	<i>932 similarity</i>	<i>1-28sec</i>	<i>235</i>	<i>4</i>					<i>50%</i>	<i>NOTE: STA 222-223 OPEN.</i>
7	<i>013 windstrip</i>	<i>1-42sec</i>	<i>10</i>						<i>72Db</i>	<i>Vib #23651 Down, working on back mass.</i>
8	<i>014 259</i>	<i>160-255</i>	<i>10</i>	<i>4</i>					<i>50%</i>	<i>WIDE ANGLE test, 4 sweep M.D.S 14 Down, time 12:30</i>
9	<i>015 259</i>	<i>160-255</i>	<i>10</i>						<i>50%</i>	<i>8 sweep.</i>
10	<i>016 259</i>	<i>160-255</i>	<i>10</i>			<i>741</i>			<i>25%</i>	<i>25% Drive, E.O. #741, TAPE MKTS</i>
11	<i>017 259</i>	<i>160-255</i>	<i>10</i>	<i>windstrip</i>		<i>742</i>			<i>72Db</i>	<i>B.O. #742, 900 10sec ALL ONES.</i>
12	<i>018 259</i>	<i>160-255</i>	<i>10</i>						<i>75%</i>	<i>75% Drive, 8 sweep. MDS-14 BACK to work. 2:25</i>
13	<i>019 355</i>	<i>160-255</i>	<i>10</i>						<i>50%</i>	<i>12 sweep, BLAST ON sweep #4. File #019</i>
14	<i>020 451</i>	<i>160-255</i>	<i>10</i>						<i>50%</i>	<i>12 sweep.</i>
15	<i>021 527</i>	<i>160-255</i>	<i>10</i>						<i>70%</i>	<i>12 sweep, 70% DRIVE.</i>
16	<i>022 156</i>	<i>160-255</i>	<i>10</i>		<i>1</i>				<i>50%</i>	<i>8 sweep</i>
17										
18										
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8 → 32Hz / 28sec</i>		SWEEP PATTERN <i>see REMARKS</i>		SWEEPS PER PATTERN <i>8</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> X </i>			
GEOPHONES PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-Y1100's</i>	TYPE GEOPHONE <i>E+LDV22B</i>	FREQUENCY <i>7.5Hz</i>	STATION INTERVAL <i>220'</i>
LINE DIR. TO 24 <i>E → W</i>			OBSERVER <i>R. PATTON, M. Pichey</i>		PARTY MGR. <i>Z. DAVIS</i>
no RATE / 42sec Record Length					PAGE <u>1</u> OF <u>1</u>

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DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Lander	DATE 10-5-83
CREW NO. 6834	TERRAIN Cross Country	WEATHER cloudy + wet	LINE NO. 6 test	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	933	Pulse				742	OUT	IN		Recorder SET UP AT 222-223
2	934/935	EINT								NOTE: STA #222-223 OPEN.
3	936/937	DRD								ALIAS 62.25, 4ms SAMPLE RATE, 28sec SWEEP
4	953/954	Sum TEST								42sec Record, MOVE UP 27.5, 220' STA, 4' STA OFFSET
5	960/961	NRJ TEST								8sweep. Vib #23651 DOWN, WORKING ON MASS
6	932	Similarity	237	4		742			50%	E.O.T #742, TAPE MKTS
7	023	wind strip	11			743			72%	B.O.T #743, 900 10sec ALL ONES. MDS-14 DOWN, TIME 9:30
8	024	157	161-256	11	4				50%	8sweep, Normal Production,
9	025	158	162-257	12					50%	
10	026	159	163-258	13					50%	
11	027	160	164-259	14					50%	
12	028	161	165-260	15					50%	
13	029	162	166-261	16					50%	
14	030	163	167-262	17		743			50%	E.O.T #743, TAPE MKTS
15	031	164	168-263	18	windstrip	744			72%	B.O.T #744, 900 10sec ALL ONES. MDS-14 BACK TO WORK, TIME 10:40.
16	032	164	168-263	18					50%	4 SWEEP.
17	033	164	168-263	18					50%	8 SWEEP.
18	034	164	168-263	18					50%	4 SWEEP. MOVE UP OF 55'
19	035	165	169-264	19					50%	8 SWEEP.
20	036	165	169-264	19					25%	Vibs AT 25% DRIVE. 8 SWEEP.
21	037	165	169-264	19					75%	Vibs AT 75% DRIVE. 8 SWEEP.
22	038	166	170-265	20		744			50%	8 SWEEP, E.O.T #744, TAPE MKTS
23	039	166	170-265	20	NO WINDSTRIP	745			50%	B.O.T #745, 900 10sec ALL ONES. 1 SWEEP
24	040	166	170-265	20					50%	1 SINGLE SWEEP.
25	041	166	170-265	20					50%	1 SINGLE SWEEP.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 28 sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN x	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-V 1100's	TYPE GEOPHONE ETLEU22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS 4 ms Sample Rate / 42 sec Record Length			OBSERVER R. Patton M. Richey	PARTY MGR. L. Davis	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Lander</i>	DATE <i>10-5-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudly</i>		LINE NO. <i>#6 test</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	166	170-265	20	4	<i>Missed Sweep</i>	745	<i>Dirt IN</i>		50%	1 sweep.
2	166	170-265	20						50%	1 sweep.
3	166	170-265	20						50%	1 sweep.
4	166	170-265	20						50%	1 sweep.
5	166	170-265	20			745			50%	1 sweep. E.O.T #745, TAPE MKTS.
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7										
8										<i>NOTE: MAKE COPIES</i>
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TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.
SWEEP FREQUENCY		SWEEP PATTERN		SWEEPS PER PATTERN			SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	LINE DIR. 1 TO 24
REMARKS							OBSERVER			PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-5-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy & WET</i>		LINE NO. <i>6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	missed sweep	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	047	167	171-266	21	4 windstrip	746	OUT	IN	72Db	B.O.T#746, 900.10sec ALL ONES.
2	048	167	171-266	21	1				50%	Normal Production.
3	049	168	172-267	22					50%	
4	050	169	173-268	23					50%	
5	051	170	174-269	24					50%	
6	052	171	175-270	25					50%	
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TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY			SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
REMARKS		OBSERVER				PARTY MGR.					

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services 7
Division
Geosource Inc.**

CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-8-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road to cross country</i>	WEATHER <i>clear</i>	LINE NO. <i>6</i>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>			<i>missed sweep 746</i>	<i>746</i>	<i>DUT</i>	<i>11N</i>		<i>Recorder set up at 222-223</i>
2	<i>EINT</i>	<i>2- " "</i>								<i>NOTE: STA# 222-223 OPEN</i>
3	<i>D.R.D</i>	<i>4- " "</i>								<i>Alias 62.25, 4ms sample RATE, 28sec sweep</i>
4	<i>SUMTEST</i>	<i>2- " "</i>								<i>42sec Record, move up 27.5', 220' STA, 4 STA OFFSET</i>
5	<i>M.R.S</i>	<i>2- " "</i>								<i>Vib # 25874 Down, WORKING ON A.T.F. TANK.</i>
6	<i>similarity</i>	<i>1-38sec</i>	<i>237</i>	<i>4</i>		<i>746</i>			<i>50%</i>	<i>E.O.T # 746, TAPE MKTS</i>
7	<i>WINDstrip</i>	<i>1-42sec</i>	<i>26</i>			<i>747</i>			<i>72%</i>	<i>B.O.T # 747, 900 10sec ALL ONES. MDS-14 Down, 9:40</i>
8	<i>172</i>	<i>176-271</i>	<i>26</i>	<i>4</i>					<i>50%</i>	<i>Normal Production, 8 sweep MDS-14 BACK to work, 10:35</i>
9	<i>173</i>	<i>177-272</i>	<i>27</i>						<i>50%</i>	
10	<i>174</i>	<i>178-273</i>	<i>28</i>						<i>50%</i>	
11	<i>175</i>	<i>179-274</i>	<i>29</i>						<i>50%</i>	
12	<i>176</i>	<i>180-275</i>	<i>30</i>						<i>50%</i>	
13	<i>177</i>	<i>181-276</i>	<i>31</i>						<i>50%</i>	
14	<i>178</i>	<i>182-277</i>	<i>32</i>			<i>747</i>			<i>50%</i>	<i>E.O.T # 747, TAPE MKTS</i>
15	<i>179</i>	<i>183-278</i>	<i>33</i>	<i>WINDstrip</i>		<i>748</i>			<i>72%</i>	<i>B.O.T # 748, 900 10sec ALL ONES.</i>
16	<i>179</i>	<i>183-278</i>	<i>33</i>						<i>50%</i>	
17	<i>180</i>	<i>184-279</i>	<i>34</i>						<i>50%</i>	
18	<i>181</i>	<i>185-280</i>	<i>35</i>						<i>50%</i>	
19	<i>182</i>	<i>186-281</i>	<i>36</i>						<i>50%</i>	
20	<i>183</i>	<i>187-282</i>	<i>37</i>						<i>50%</i>	
21	<i>184</i>	<i>188-283</i>	<i>38</i>						<i>50%</i>	
22	<i>185</i>	<i>189-284</i>	<i>39</i>			<i>748</i>			<i>50%</i>	<i>E.O.T # 185, TAPE MKTS</i>
23	<i>186</i>	<i>190-285</i>	<i>40</i>	<i>WINDstrip</i>		<i>749</i>			<i>72%</i>	<i>B.O.T # 186, 900 10sec ALL ONES.</i>
24	<i>186</i>	<i>190-285</i>	<i>40</i>						<i>50%</i>	
25	<i>187</i>	<i>191-286</i>	<i>41</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8732Hz/28sec</i>		SWEEP PATTERN <i>see REMARKS</i>		SWEEPS PER PATTERN <i>8</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> x </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-X1100's</i>	TYPE GEOPHONE <i>F#2EV228</i>	FREQUENCY <i>7.5HZ</i>	STATION INTERVAL <i>220'</i>
REMARKS <i>4ms sample RATE/42sec Record Length</i>			OBSERVER <i>B. PATTON, M. Richey</i>	PARTY MGR. <i>L. DAVIS</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 8

CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDEI</i>	DATE <i>10-8-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>46</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	188	192-287	42	4	<i>missed sweep</i>	748	OUT	IN	50%	
2	189	193-288	43		11				50%	
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TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY			SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
REMARKS		OBSERVER				PARTY MGR.					

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-9-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	SKIP 196	200-295	10	4	<i>missed sweep</i>	752	OUT	IN	SKIP	Due to washout.
2	090 197	201-296	11						50%	Normal Production.
3	091 198	202-297	12						50%	
4	092 199	203-298	13						50%	
5	SKIP 200	204-299	14						SKIP	Due to washout.
6	093 201	205-300	15						50%	
7	094 202	206-301	16						50%	
8	095 203	207-302	17						50%	
9	096 204	208-303	18			752			50%	E.O.T #752, TAPE MKTS
10	097 205	209-304	19	<i>windstrip</i>		753			72%	B.O.T #753, 900 10sec ALL ONES.
11	098 205	209-304	19						50%	
12	099 206	210-305	20						50%	
13	SKIP 207	211-306	21						SKIP	Due to washout.
14	100 208	212-307	22						50%	
15	101 209	213-308	23						50%	
16	102 210	214-309	24						50%	
17	103 211	215-310	25						50%	
18	104 212	216-311	26			753			50%	E.O.T #753, TAPE MKTS
19	105 213	217-312	27	<i>windstrip</i>		754			72%	B.O.T #754, 900 10sec ALL ONES.
20	106 213	217-312	27						50%	
21	107 214	218-313	28						50%	
22	108 215	219-314	29						50%	
23	109 216	220-315	30						50%	
24	110 217	221-316	31						50%	
25	111 218	222-317	32						50%	

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

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-9-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	112	223-318	33	4	<i>miss sweep</i>	754	<i>OUT</i>	<i>IN</i>	50%	<i>E.O.T#754, TAPE MKTS</i>
2	113	224-319	34		<i>windstrip</i>	755			72%	<i>B.O.T#755, 900 10sec ALL ONES.</i>
3	114	224-319	34						50%	
4	115	225-320	35						50%	
5	116	226-321	36						50%	
6	117	227-322	37						50%	
7	118	228-323	38						50%	
8	119	229-324	39						50%	
9	120	230-325	40			755			50%	<i>E.O.T#755, TAPE MKTS</i>
10	121	231-326	41		<i>windstrip</i>	756			72%	<i>B.O.T#756, 900 10sec ALL ONES.</i>
11	122	231-326	41						50%	
12	123	232-327	42						50%	
13	124	233-328	43						50%	
14	125	234-329	44						50%	
15	126	235-330	45						50%	
16	127	236-331	46						50%	
17	128	237-332	47			756			50%	<i>E.O.T#756, TAPE MKTS</i>
18										
19										
20										
21										
22										
23										
24										
25										

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-10-87</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	148	254-349	24	4	<i>missed sweep</i>	759	<i>OUT</i>	<i>IN</i>	50%	
2	149	255-350	25			759			50%	<i>E.O.+ #759, TAPE MKTS</i>
3	150	256-351	26	<i>windstrip</i>		760			72dB	<i>B.O.+ #760, 900 10sec ALL ONES.</i>
4	151	256-351	26						50%	
5	152	257-352	27						50%	
6	153	258-353	28						50%	
7	154	259-354	29						50%	
8	155	260-355	30						50%	
9	156	261-356	31						50%	
10	157	262-357	32			760			50%	<i>F.O.+ #760, TAPE MKTS</i>
11	158	263-358	33	<i>windstrip</i>		761			72dB	<i>B.O.+ #761, 900 10sec ALL ONES.</i>
12	159	263-358	33						50%	
13	160	264-359	34						50%	
14	161	265-360	35						50%	
15	162	266-361	36						50%	
16	163	267-362	37						50%	
17	164	268-363	38						50%	
18	165	269-364	39			761			50%	<i>F.O.+ #761, TAPE MKTS</i>
19	166	270-365	40	<i>windstrip</i>		762			72dB	<i>B.O.+ #762, 900 10sec ALL ONES.</i>
20	167	270-365	40						50%	
21	168	271-366	41						50%	
22	169	272-367	42						50%	
23	170	273-368	43						50%	
24	171	274-369	44						50%	
25	172	275-370	45						50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT COCORP	AREA Nevada	STATE Nevada	COUNTY LANDER	DATE 10-10-87
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear		LINE NO. #6

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	272	276-371	46	4	MISSED SWEEP	762	OUT	IN	50%	E.O.T #762, TAPE MKTS.
2	266	270-365	40	5	Strip	763			720%	B.O.T #763, 900/sec RUNONES. NOTE: test 14-56Hz
3	266	270-365	40						50%	Vib #25874 BACK ON LINE, will shake the Previous
4	267	271-366	41						50%	sta, The Last 7 sta. 50% Drive
5	268	272-367	42						50%	
6	269	273-368	43						50%	
7	270	274-369	44						50%	
8	271	275-370	45						50%	
9	272	276-371	46			763			50%	E.O.T #763, TAPE MKTS
10										Vibs will be BACK AT 8:32H2.
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

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

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>LANDER</i>	DATE <i>10-11-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. # <i>6</i>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>				<i>764</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET UP AT 349-350</i>
2	<i>EINT</i>	<i>2-11"</i>								<i>B.O.T #764, 900 10sec ALL ONES.</i>
3	<i>D.R.D</i>	<i>4-11"</i>								<i>ALAS 62, 28sec sweep, 42sec Record Length</i>
4	<i>SUMTEST</i>	<i>2-11"</i>								<i>220' STA, 4STA OFFSET, 4MS SAMPLE RATE, 55'</i>
5	<i>N.R.S</i>	<i>2-11"</i>								<i>MOVE UP, 4sweep.</i>
6	<i>similarity</i>	<i>1-28sec</i>	<i>19</i>	<i>5</i>					<i>50%</i>	<i>NOTE: MDS-14 Down At 9:45 AM.</i>
7	<i>windstrip</i>	<i>1-42sec</i>	<i>240</i>						<i>72db</i>	<i>4 SWEEP, NOTE: A BLASTING CREW IN AREA.</i>
8	<i>273</i>	<i>277-372</i>	<i>240</i>	<i>5</i>					<i>50%</i>	<i>NOTE: MDS-10 working without the MDS-14, 10:20 AM.</i>
9	<i>274</i>	<i>278-373</i>	<i>1</i>						<i>50%</i>	
10	<i>275</i>	<i>279-374</i>	<i>2</i>						<i>50%</i>	
11	<i>276</i>	<i>280-375</i>	<i>3</i>			<i>764</i>			<i>50%</i>	<i>E.O.T #763, TAPE MKTS</i>
12	<i>277</i>	<i>281-376</i>	<i>4</i>	<i>windstrip</i>		<i>765</i>			<i>72db</i>	<i>B.O.T #764, 900 10sec ALL ONES.</i>
13	<i>277</i>	<i>281-376</i>	<i>4</i>						<i>50%</i>	
14	<i>278</i>	<i>282-377</i>	<i>5</i>						<i>50%</i>	
15	<i>279</i>	<i>283-378</i>	<i>6</i>						<i>50%</i>	
16	<i>280</i>	<i>284-379</i>	<i>7</i>						<i>50%</i>	
17	<i>281</i>	<i>285-380</i>	<i>8</i>						<i>50%</i>	
18	<i>282</i>	<i>286-381</i>	<i>9</i>						<i>50%</i>	
19	<i>283</i>	<i>287-382</i>	<i>10</i>			<i>765</i>			<i>50%</i>	<i>E.O.T #765, TAPE MKTS</i>
20	<i>284</i>	<i>288-383</i>	<i>11</i>	<i>windstrip</i>		<i>766</i>			<i>72db</i>	<i>B.O.T #766, 900 10sec ALL ONES.</i>
21	<i>284</i>	<i>288-383</i>	<i>11</i>						<i>50%</i>	
22	<i>285</i>	<i>289-384</i>	<i>12</i>						<i>50%</i>	
23	<i>286</i>	<i>290-385</i>	<i>13</i>						<i>50%</i>	
24	<i>287</i>	<i>291-386</i>	<i>14</i>						<i>50%</i>	
25	<i>288</i>	<i>292-387</i>	<i>15</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>87.32Hz/28sec</i>	SWEEP PATTERN <i>See Remarks</i>	SWEEPS PER PATTERN <i>8</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i> </i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>S-Y1100's</i>	TYPE GEOPHONE <i>ETLEV22B</i>	FREQUENCY <i>7.5 Hz</i>	STATION INTERVAL <i>220'</i>
REMARKS <i>4ms SAMPLE RATE/42sec Record Length</i>			OBSERVER <i>R. PATTON, M. Richey</i>	PARTY MGR. <i>J. DAVIS</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-11-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. <i>#6</i>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	289	293-388	16	5	<i>missed sweep</i>	766	OUT	IN	50%	
2	290	294-389	17			766			50%	<i>E.O.t #766, TAPE MKTS, MDS-14 BACK ON LINE, 12:00 P.M.</i>
3	291	295-390	18		<i>windstrip</i>	767			72Db	<i>B.O.t #767, 90010sec ALL ONES.</i>
4	291	295-390	18						50%	
5	292	296-391	19						50%	
6	293	297-392	20						50%	
7	294	298-393	21						50%	
8	295	299-394	22						50%	
9	296	300-395	23						50%	
10	297	301-396	24			767			50%	<i>E.O.t #767, TAPE MKTS</i>
11	298	302-397	25		<i>windstrip</i>	768			72Db	<i>B.O.t #768, 90010sec ALL ONES.</i>
12	298	302-397	25						50%	
13	299	303-398	26						50%	
14	300	304-399	27						50%	
15	301	305-400	28						50%	
16	302	306-401	29						50%	
17	303	307-402	30						50%	
18	304	308-403	31			768			50%	<i>E.O.t #768, TAPE MKTS</i>
19	305	309-404	32		<i>windstrip</i>	769			72Db	<i>B.O.t #769, 90010sec ALL ONES.</i>
20	305	309-404	32						50%	
21	306	310-405	33						50%	
22	307	311-406	34						50%	
23	308	312-407	35						50%	
24	309	313-408	36						50%	
25	310	314-409	37						50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDEL</i>	DATE <i>10-11-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. <i>#6</i>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	226	311	315-410	38	5	<i>missed sway</i> 769	OUT	IN	50%	F.O.t#311, TAPE MKTS
2	227	312	316-411	39	<i>windstrip</i>	770			72%	B.O.t#312, 900 10sec ALL ONES.
3	228	312	316-411	39					50%	
4	229	313	317-412	40					50%	
5	230	314	318-413	41					50%	
6	231	315	319-414	42					50%	
7	232	316	320-415	43					50%	
8	233	317	321-416	44					50%	
9	234	318	322-417	45		770			50%	E.O.t#770, TAPE MKTS
10	235	319	323-418	46	<i>windstrip</i>	771			72%	B.O.t#771, 900 10sec ALL ONES.
11	236	319	323-418	46					50%	
12	237	320	324-419	47					50%	
13	238	321	325-420	48					50%	
14	239	322	326-421	49					50%	
15	240	323	327-422	10					50%	Recorder moved up to STA# 389-390.
16	241	324	328-423	11					50%	
17	242	325	329-424	12		771			50%	E.O.t#771, TAPE MKTS
18	243	326	330-425	13	<i>windstrip</i>	772			72%	B.O.t#772, 900 10sec ALL ONES.
19	244	326	330-425	13					50%	
20	245	327	331-426	14					50%	
21	246	328	332-427	15					50%	
22	247	329	333-428	16					50%	
23	248	330	334-429	17					50%	
24	249	331	335-430	18					50%	
25	250	332	336-431	19		772			50%	E.O.t#772, TAPE MKTS

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

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc. 18

CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Lander</i>	DATE <i>10-12-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. # <i>6</i>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>				<i>773</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set up at 406-407</i>
2	<i>EINT</i>	<i>2-11 "</i>								<i>B.O.T #773, 900 10sec ALLOWES.</i>
3	<i>D.R.D</i>	<i>4-11 "</i>								<i>Alais 62.5, 28sec sweep, 42sec Record Length, 220's sta</i>
4	<i>SUMtest</i>	<i>2-11 "</i>								<i>4sta OFFSET, 4ms sample rate, 55' MOVE UP, 4sweep.</i>
5	<i>N.R.S</i>	<i>2-11 "</i>								<i>NOTE: A BLASTING CREW IN AREA.</i>
6	<i>SIMILARITY</i>	<i>1-28sec</i>	<i>236</i>	<i>5</i>					<i>50%</i>	<i>NOTE: A MINING CREW WORK AT FRONT ON LINE.</i>
7	<i>WINDstrip</i>	<i>1-42sec</i>	<i>3</i>						<i>72db</i>	
8	<i>333</i>	<i>337-432</i>	<i>3</i>	<i>5</i>					<i>50%</i>	
9	<i>334</i>	<i>338-433</i>	<i>4</i>						<i>50%</i>	
10	<i>335</i>	<i>339-434</i>	<i>5</i>						<i>50%</i>	
11	<i>336</i>	<i>340-435</i>	<i>6</i>						<i>50%</i>	
12	<i>337</i>	<i>341-436</i>	<i>7</i>			<i>773</i>			<i>50%</i>	<i>E.O.T #773, TAPE MKTS</i>
13	<i>338</i>	<i>342-437</i>	<i>8</i>	<i>windstrip</i>		<i>774</i>			<i>72db</i>	<i>B.O.T #774, 900 10sec ALLOWES.</i>
14	<i>338</i>	<i>342-437</i>	<i>8</i>						<i>50%</i>	
15	<i>339</i>	<i>343-438</i>	<i>9</i>						<i>50%</i>	
16	<i>340</i>	<i>344-439</i>	<i>10</i>						<i>50%</i>	
17	<i>341</i>	<i>345-440</i>	<i>11</i>						<i>50%</i>	
18	<i>342</i>	<i>346-441</i>	<i>12</i>						<i>50%</i>	
19	<i>343</i>	<i>347-442</i>	<i>13</i>						<i>50%</i>	
20	<i>344</i>	<i>348-443</i>	<i>14</i>			<i>774</i>			<i>50%</i>	<i>E.O.T #774, TAPE MKTS</i>
21	<i>345</i>	<i>349-444</i>	<i>15</i>	<i>windstrip</i>		<i>775</i>			<i>72db</i>	<i>B.O.T #775, 900 10sec ALLOWES.</i>
22	<i>345</i>	<i>349-444</i>	<i>15</i>						<i>50%</i>	
23	<i>346</i>	<i>350-445</i>	<i>16</i>						<i>50%</i>	
24	<i>347</i>	<i>351-446</i>	<i>17</i>						<i>50%</i>	
25	<i>348</i>	<i>352-447</i>	<i>18</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8332Hz/28sec</i>		SWEEP PATTERN <i>See Remarks</i>		SWEEPS PER PATTERN <i>8</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> X </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-V1100's</i>	TYPE GEOPHONE <i>ETELV220</i>	FREQUENCY <i>7.5Hz</i>	STATION INTERVAL <i>220'</i>
REMARKS <i>4ms sample RATE/42sec Record Length</i>			OBSERVER <i>R. PATTON, M. Richey</i>	PARTY MGR. <i>Z. DAVIS</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>Nevada</i>	COUNTY <i>LANCHE</i>	DATE <i>10-13-87</i>
CREW NO. <i>6834</i>	TERRAIN <i>DIRT Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	270	349	353-448	19	5	<i>missed Sweep</i>	775	<i>OUT</i>	<i>IN</i>	50%	
2	271	350	354-449	20						50%	
3	272	351	355-450	21			775			50%	<i>E.O.+ #775, TAPE MKS</i>
4	273	352	356-451	22		<i>windstrip</i>	776			72db	<i>B.O.+ #776, 900 10sec ALL ONES.</i>
5	274	352	356-451	22						50%	
6	275	353	357-452	23						50%	
7	276	354	358-453	24						50%	
8	277	355	359-454	25						50%	
9	278	356	360-455	26						50%	
10	279	357	361-456	27						50%	
11	280	358	362-457	28			776			50%	<i>E.O.+ #776, TAPE MKS</i>
12	281	359	363-458	29		<i>windstrip</i>	777			72db	<i>B.O.+ #777, 900 10sec ALL ONES.</i>
13	282	359	363-458	29						50%	
14	283	360	364-459	30						50%	
15	284	361	365-460	31						50%	
16	285	362	366-461	32						50%	
17	286	363	367-462	33						50%	
18	287	364	368-463	34						50%	
19	288	365	369-464	35			777			50%	<i>E.O.+ #777, TAPE MKS</i>
20	289	366	370-465	36		<i>windstrip</i>	778			72db	<i>B.O.+ #778, 900 10sec ALL ONES.</i>
21	290	366	370-465	36						50%	
22	291	367	371-466	37						50%	
23	292	368	372-467	38						50%	
24	293	369	373-468	39						50%	
25	294	370	374-469	40						50%	<i>MDS-14 Down, time 3:00 P.M.</i>

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>CLANDER</i>	DATE <i>10-12-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	295	371	375-470	41	5	<i>missed sweep</i>	778	<i>OUT</i>	<i>IN</i>	50%	
2	296	372	376-471	42			778			50%	<i>E.O.T#778, TAPE MKTS</i>
3	297	373	377-472	43		<i>windstrip</i>	779			72%	<i>B.O.T#779, 900 10sec ALL ONES.</i>
4	298	373	377-472	43						50%	
5	299	374	378-473	44						50%	
6	300	375	379-474	45						50%	
7	301	376	380-475	46						50%	
8	302	377	381-476	47						50%	
9	303	378	382-477	48						50%	
10	304	379	383-478	49			779			50%	<i>E.O.T#779, TAPE MKTS.</i>
11	305	380	384-479	15		<i>windstrip</i>	780			72%	<i>B.O.T#780, 900 10sec ALL ONES.</i>
12	306	380	384-479	15						50%	<i>Recorder moved up at STA#441-442</i>
13	307	381	385-480	16						50%	
14	308	382	386-481	17						50%	
15	309	383	387-482	18						50%	
16	310	384	388-483	19						50%	
17	311	385	389-484	20						50%	
18	312	386	390-485	21			780			50%	<i>E.O.T#780, TAPE MKTS</i>
19	313	387	391-486	22		<i>windstrip</i>	781			72%	<i>B.O.T#781, 900 10sec ALL ONES.</i>
20	314	387	391-486	22						50%	
21	315	388	392-487	23						50%	
22	316	389	393-488	24						50%	
23	317	390	394-489	25						50%	
24	318	391	395-490	26						50%	
25	319	392	396-491	27			781			50%	<i>E.O.T#781, TAPE MKTS</i>

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCORP	AREA Nevada	STATE Nevada	COUNTY Lander	DATE 10-13-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy	LINE NO. 6	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933	PULSE			missed sweep	782	OLLT	IN		Recorder set up at 441-442
2	934	EINT								B.O.T #782, 900 10sec ALL OWS.
3	935	D.R.D								Alias 62.5, 28sec sweep, 42sec Record, 220' STA
4	936	Sumtest								4 STA OFFSET, 4ms SAMPLE RATE, 55' MOVE UP,
5	937	N.R.S								4 SWEEPS.
6	932	similarity	239	5					50%	
7	320	windstrip	28						72db	NOTE: A MINE WALKING Beside line, Very NOISE.
8	321	393	397-492	28	5				50%	NOTE: MDS-14 Down,
9	322	394	398-493	29					50%	
10	323	395	399-494	30					50%	
11	324	396	400-495	31					50%	
12	325	397	401-496	32					50%	
13	326	398	402-497	33					50%	
14	327	399	403-498	34		782			50%	E.O.T #782, TAPE MKTS
15	328	400	404-499	35	windstrip	783			72db	B.O.T #783, 900 10sec ALL OWS
16	329	400	404-499	35					50%	
17	330	401	405-500	36					50%	
18	331	402	406-501	37					50%	
19	332	403	407-502	38					50%	
20	333	404	408-503	39					50%	
21	334	405	409-504	40					50%	
22	335	406	410-505	41		783			50%	E.O.T #783, TAPE MKTS
23	336	407	411-506	42	windstrip	784			72db	B.O.T #784, 900 10sec ALL OWS.
24	337	407	411-506	42					50%	
25	338	408	412-507	43					50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 > 32Hz / 28sec	SWEEP PATTERN see Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN x	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-VIIOD'S	TYPE GEOPHONE ETE122B	FREQUENCY 7.5Hz	STATION INTERVAL 220'
REMARKS 4ms SAMPLE RATE / 42sec Record Length	OBSERVER B. PATTON, M. Richey	PARTY MGR. L. DAVIS	LINE DIR. 1 TO 24 E-W		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCORP	AREA Nevada	STATE Nevada	COUNTY LANDER	DATE 10-13-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy		LINE NO. #6

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	339	409	413-508	44	5	<i>mised sweep</i>	784	OUT	IN	50%	
2	340	410	414-509	45						50%	
3	341	411	415-510	46						50%	
4	342	412	416-511	47						50%	
5	343	413	417-512	48			784			50%	E.O. + #784, TAPE MKTS
6	344	414	418-513	3		<i>windstrip</i>	785			72%	B.O. + #785, 900 10sec ALL ONES.
7	345	414	418-513	3						50%	Recorder moved up to STA #487-488.
8	346	415	419-514	4						50%	
9	347	416	420-515	5						50%	
10	348	417	421-516	6						50%	
11	349	418	422-517	7						50%	
12	350	419	423-518	8						50%	
13	351	420	424-519	9			785			50%	E.O. + #785, TAPE MKTS
14	352	421	425-520	10		<i>windstrip</i>	786			72%	B.O. + #786, 900 10sec ALL ONES.
15	353	421	425-520	10						50%	
16	354	422	426-521	11						50%	
17	355	423	427-522	12						50%	
18	356	424	428-523	13						50%	
19	357	425	429-524	14						50%	
20	358	426	430-525	15						50%	
21	359	427	431-526	16			786			50%	E.O. + #786, TAPE MKTS
22	360	428	432-527	17		<i>windstrip</i>	787			72%	B.O. + #787, 900 10sec ALL ONES.
23	361	428	432-527	17						50%	
24	362	429	433-528	18						50%	
25	363	430	434-529	19						50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT COCORP	AREA Nevada	STATE Nevada	COUNTY LANDER	DATE 10-13-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy & WINDY		LINE NO. #6

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	364	431	435-530	20	5	Missed Sweep	787	OUT	IN	50%	
2	365	432	436-531	21						50%	
3	366	433	437-532	22						50%	
4	367	434	438-533	23			787			50%	E.O.T #787, TAPE MKTS
5	368	435	439-534	24		WINDSTRIP	788			72%	B.O.T #788, 900 10sec ALL ONES.
6	369	435	439-534	24						50%	
7	370	436	440-535	25						50%	
8	371	437	441-536	26						50%	
9	372	438	442-537	27						50%	
10	373	439	443-538	28						50%	
11	374	440	444-539	29						50%	
12	375	441	445-540	30			788			50%	E.O.T #788, TAPE MKTS
13	376	442	446-541	31		WINDSTRIP	789			72%	B.O.T #789, 900 10sec ALL ONES.
14	377	442	446-541	31						50%	
15	378	443	447-542	32						50%	NOTE: WINDS ARE BLOWING AT 15-17 M.P.H.
16	379	444	448-543	33						50%	
17	380	445	449-544	34						50%	
18	381	446	450-545	35						50%	
19	382	447	451-546	36						50%	
20	383	448	452-547	37			789			50%	
21	384	449	453-548	38		WINDSTRIP	790			72%	
22	385	449	453-548	38						50%	
23	386	450	454-549	39						50%	
24	387	451	455-550	40						50%	
25	388	452	456-551	41						50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-13-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road T cross country</i>	WEATHER <i>cloudy & windy</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	389	453	457-552	42	5	missed	790	OUT	IN	50%	NOTE: WINDS ARE BLOWING AT 15-17 M.P.H., steady.
2	390	454	458-553	43						50%	
3	391	455	459-554	44			790			50%	E.O.+#790, TAPE MKTS.
4	392	456	460-555	9	windstrip		791			72db	B.O.+#791, 900 10sec ALL ONES
5	393	456	460-555	9						50%	Recorder moved up to 523-524.
6	394	457	461-556	10						50%	
7	395	458	462-557	11						50%	
8	396	459	463-558	12						50%	
9	397	460	464-559	13						50%	
10	398	461	465-560	14						50%	NOTE: A lot of traffic a long line, very noisy
11	399	462	466-561	15			791			50%	E.O.+#791, TAPE MKTS
12	400	463	467-562	16	windstrip		792			72db	B.O.+#792, 900 10sec ALL ONES.
13	401	463	467-562	16						50%	
14	402	464	468-563	17						50%	
15	403	465	469-564	18						50%	
16	404	466	470-565	19						50%	
17	405	467	471-566	20						50%	
18	406	468	472-567	21						50%	
19	407	469	473-568	22			792			50%	E.O.+#792, TAPE MKTS
20	408	470	474-569	23	windstrip		793			72db	B.O.+#793, 900 10sec ALL ONES.
21	409	470	474-569	23						50%	
22	410	471	475-570	24						50%	
23	411	472	476-571	25						50%	
24	412	473	477-572	26						50%	
25	413	474	478-573	27						50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>Lander</i>	DATE <i>10-13-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road + cross country</i>	WEATHER <i>cloudy & windy</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	414	475	479-574	28	5	<i>missed sweep</i>	793	<i>OUT</i>	<i>IN</i>	50%	
2	415	476	480-575	29			793			50%	<i>E.O.T #793, TAPE MKTS</i>
3	416	477	481-576	30		<i>windstrip</i>	794			72%	<i>B.O.T #794, 900 10sec ALL ONES.</i>
4	417	477	481-576	30						50%	
5	418	478	482-577	31						50%	
6	419	479	483-578	32						50%	
7	420	480	484-579	33						50%	
8	421	481	485-580	34						50%	
9	422	482	486-581	35						50%	
10	423	483	487-582	36			794			50%	<i>E.O.T #794, TAPE MKTS</i>
11	424	484	488-583	37		<i>windstrip</i>	795			72%	<i>B.O.T #795, 900 10sec ALL ONES.</i>
12	425	484	488-583	37						50%	
13	426	485	489-584	38						50%	
14	427	486	490-585	39						50%	
15	428	487	491-586	40						50%	
16	429	488	492-587	41						50%	
17	430	489	493-588	42						50%	
18	431	490	494-589	43			795			50%	<i>E.O.T #795, TAPE MKTS</i>
19											
20											
21											
22											
23											
24											
25											

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY LANDER	DATE 10-14-83
CREW NO. 6834	TERRAIN Dirt Road & cross country	WEATHER Cloudy & wet	LINE NO. #6	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933 Pulse	1-6sec			missed sweep	796	OUT	IN		Recorder set up at 566-567
2	934 EINT	2-11 "								B.O.T #796, 900 10sec ALL ONES.
3	936 D.R.D	4-11 "								Alias 62.5, 28sec sweep, 42sec Record Length, 220' STA
4	950 sumtest	2-11 "								4STA OFFSET, 4ms sample RATE, 4 sweep, 55' move up.
5	951 N.R.S	2-11 "								
6	932 similarity	1-28sec	23	5					50%	
7	432 WINDSTRIP	1-42sec	1						72Db	
8	433 491	495-590	1	5					50%	
9	434 492	496-591	2						50%	
10	435 493	497-592	3						50%	
11	436 494	498-593	4						50%	
12	437 495	499-594	5			796			50%	E.O.T #796, TAPE MKTS
13	438 496	500-595	6	WINDSTRIP		797			72Db	B.O.T #797, 900 10sec ALL ONES.
14	439 496	500-595	6						50%	
15	440 497	501-596	7						50%	
16	441 498	502-597	8						50%	
17	442 499	503-598	9						50%	
18	443 500	504-599	10						50%	
19	444 501	505-600	11						50%	
20	445 502	506-601	12			797			50%	E.O.T #797, TAPE MKTS
21	446 503	507-602	13	WINDSTRIP		798			72Db	B.O.T #798, 900 10sec ALL ONES.
22	447 503	507-602	13						50%	
23	448 504	508-603	14						50%	
24	449 505	509-604	15						50%	
25	450 506	510-605	16						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 > 32Hz / 28sec		SWEEP PATTERN see Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN x
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-V1100'S	TYPE GEOPHONE ETLEVR2B	FREQUENCY 7.5Hz	STATION INTERVAL 220'
REMARKS 4ms sample RATE / 42sec Record Length			OBSERVER R. PATTON, M. Richey	PARTY MGR. L. DAVIS	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT COCORP	AREA Nevada	STATE NEVADA	COUNTY LANder	DATE 10-14-83
CREW NO. 6834	TERRAIN Dirt Road + cross country	WEATHER cloudy + WET.	LINE NO. #6	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	451	507	511-606	17	5	MISSING SWEEP 798	DILT	IN	50%	
2	452	508	512-607	18					50%	
3	453	509	513-608	19		798			50%	E.O.T # 798, TAPE MKTS
4	454	510	514-609	20	WINDSTIP	799			72%	B.O.T # 799, 900 10sec ALL ONES.
5	455	510	514-609	20					50%	
6	456	511	515-610	21					50%	
7	457	512	516-611	22					50%	
8	458	513	517-612	23					50%	
9	459	514	518-613	24					50%	
10	460	515	519-614	25					50%	
11	461	516	520-615	26		799			50%	F.O.T # 799, TAPE MKTS
12	462	517	521-616	27	WINDSTIP	800			72%	B.O.T # 800, 900 10sec ALL ONES.
13	463	517	521-616	27					50%	
14	464	518	522-617	28					50%	
15	465	519	523-618	29					50%	
16	466	520	524-619	30					50%	
17	467	521	525-620	31					50%	
18	468	522	526-621	32					50%	
19	469	523	527-622	33		800			50%	F.O.T # 800, TAPE MKTS.
20	470	524	528-623	34	WINDSTIP	801			72%	B.O.T # 801, 900 10sec ALL ONES.
21	471	524	528-623	34					50%	
22	472	525	529-624	35					50%	
23	473	526	530-625	36					50%	
24	474	527	531-626	37					50%	
25	475	528	532-627	38					50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT COGORP	AREA NEVADA	STATE NEVADA	COUNTY LANDER	DATE 10-14-83
CREW NO. 6834	TERRAIN Dirt Road across country	WEATHER cloudy		LINE NO. 6

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	376	529	533-628	39	5	801	IN	IN	50%	
2	377	530	534-629	40		801			50%	E.O.T #801, TAPE MKTS
3	378	531	535-630	41	WINDSTRIP	802			72Db	B.O.T #802, 900 10sec ALL ONES.
4	379	531	535-630	41					50%	
5	380	532	536-631	42					50%	
6	381	533	537-632	43					50%	
7	382	534	538-633	44					50%	
8	383	535	539-634	45					50%	
9	384	536	540-635	46					50%	
10	385	537	541-636	47		802			50%	E.O.T #802, TAPE MKTS
11	386	538	542-637	13	WINDSTRIP	803			72Db	B.O.T #803, 900 10sec ALL ONES.
12	387	538	542-637	13					50%	Recorder moved up at 601-602.
13	388	539	543-638	14					50%	
14	389	540	544-639	15					50%	
15	390	541	545-640	16					50%	
16	391	542	546-641	17					50%	
17	392	543	547-642	18					50%	
18	393	544	548-643	19		803			50%	E.O.T #803, TAPE MKTS
19	394	545	549-644	20	WINDSTRIP	804			72Db	B.O.T #804, 900 10sec ALL ONES.
20	395	545	549-644	20					50%	
21	396	546	550-645	21					50%	
22	397	547	551-646	22					50%	
23	398	548	552-647	23					50%	
24	399	549	553-648	24					50%	
25	400	550	554-649	25					50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 29

CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-14-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road + cross country</i>	WEATHER <i>cloudy</i>		LINE NO. <i>#6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	401	551	555-650	26	5	<i>missed sweep</i> 804	<i>OUT</i>	<i>IN</i>	50%	<i>E.O.T #804, TAPE MKTS</i>
2	402	552	556-651	27		<i>windstrip</i> 805			72%	<i>R.O.T #805, 90010sec ALL ONES.</i>
3	403	552	556-651	27					50%	
4	404	553	557-652	28					50%	
5	405	554	558-653	29					50%	
6	SKIP	555	559-654	30					SKIP	<i>From STA #555-564 SKIP Due to cross country.</i>
7	406	565	569-664	40					50%	
8	407	566	570-665	41					50%	
9	408	567	571-666	42					50%	
10	409	568	572-667	43		805			50%	<i>E.O.T #805, TAPE MKTS</i>
11	410	584	588-683	43		<i>windstrip</i> 806			72%	<i>R.O.T #806, 90010sec NOTE: From 569-583 SKIP,</i>
12	411	584	588-683	43					50%	<i>Recorder moved up at 617-618. (Due to cross country.)</i>
13	412	585	589-684	44					50%	
14	413	586	590-685	45					50%	
15	414	587	591-686	46					50%	
16	415	588	592-687	47					50%	
17	416	589	593-688	48					50%	
18	417	590	594-689	49		806			50%	<i>E.O.T #806, TAPE MKTS</i>
19										
20										
21										
22										
23										
24										
25										

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

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY LANDER	DATE 10-16-83
CREW NO. 68.34	TERRAIN Dirt Road + cross country	WEATHER clear	LINE NO. 2/6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	PULSE	1-6sec			Missed Sweep	807	OUT	IN		Recorder set up at 648-649.
2	EINT	2-11"								B.O.T #807, 900 10sec ALL ONES.
3	D.R.P	4-11"								Alias 62.5, 28sec sweep, 42sec Record, 4ms sample RATE
4	sumtest	2-11"								4 STA OFFSET, 4 sweep, 55' move up. 100' spacing.
5	N.R.J	2-11"								
6	similarity	1-28sec	21	5						50%
7	windstrip	1-42sec	19							72Db
8	591	595-690	19	5						50%
9	592	596-691	20							50%
10	593	597-692	21							50%
11	594	598-693	22							50%
12	595	599-694	23			807				50% E.O.T #807, TAPE MKTS
13	596	600-695	24		windstrip	808				72Db B.O.T #808, 900 10sec ALL ONES
14	596	600-695	24							50%
15	597	601-696	25							50%
16	598	602-697	26							50%
17	599	603-698	27							50%
18	600	604-699	28							50%
19	601	605-700	29							50%
20	602	606-701	30			808				50% E.O.T #808, TAPE MKTS
21	603	607-702	31		windstrip	809				72Db B.O.T #809, 900 10sec ALL ONES.
22	603	607-702	31							50%
23	604	608-703	32							50%
24	605	609-704	33							50%
25	606	610-705	34							50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8.32Hz / 28sec		SWEEP PATTERN see Remarks		SWEEPS PER PATTERN 8	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR S-V1100'S	
TYPE GEOPHONE ETELY22R		FREQUENCY 7.5Hz		STATION INTERVAL 220'	
REMARKS 4ms sample RATE / 42sec Record Length		OBSERVER R. PATTON, M. Richer		PARTY MGR. J. DAVIS	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10-16-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road + cross country</i>	WEATHER <i>Clear</i>	LINE NO. <i>#6</i>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	437	607	611-706	35	5	MISSING 809	OUT	IN	50%	
2	438	608	612-707	36					50%	
3	439	609	613-708	37		809			50%	E.O.T #809, TAPE MKTS.
4	440	610	614-709	38	WINDSTRIP	810			720b	B.O.T #810, 900 10sec ALL ONES.
5	441	610	614-709	38					50%	
6	442	611	615-710	39					50%	
7	443	612	616-711	40					50%	
8	444	613	617-712	41					50%	
9	445	614	618-713	42					50%	
10	446	615	619-714	43					50%	
11	447	616	620-715	44		810			50%	E.O.T #810, TAPE MKTS
12	448	617	621-716	45	WINDSTRIP	811			720b	B.O.T #811, 900 10sec ALL ONES.
13	449	617	621-716	45					50%	
14	450	618	622-717	46					50%	
15	451	619	623-718	47					50%	
16	452	620	624-719	48					50%	
17	453	621	625-720	49					50%	
18	454	622	626-720	49					50%	
19	455	624	628-720	49		811			50%	E.O.T #811, TAPE MKTS; B.O.T #624, 900 10sec ALL ONES.
20	456	626	630-720	49	WINDSTRIP	812			720b	NOTE: Vibs ARE STARTING to shoot through the spread will VIBRATE EVERY OTHER STATION.
21	457	626	630-720	49					50%	
22	458	628	632-720	49					50%	
23	459	630	625-626-631-720	49					50%	
24	460	632	625-628-636-720	49					50%	
25	461	634	625-630-638-720	49					50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDEL</i>	DATE <i>10-16-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road + cross country</i>	WEATHER <i>clear</i>	LINE NO. <i>#6</i>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	462	636	625-632-640-720	49	5	<i>missed sweep</i> 812	OUT	IN	50%	
2	463	638	625-634-642-720	49		812			50%	E.O.T #812, TAPE MKT
3	464	640	625-636-644-720	49	<i>windstrip</i>	813			72Db	B.O.T #813, 900 10sec ALL ONES.
4	465	640	625-636-644-720	49					50%	
5	466	642	625-638-646-720	49					50%	
6	467	644	625-640-648-720	49					50%	
7	468	646	625-642-650-720	49					50%	
8	469	648	625-644-652-720	49					50%	
9	470	650	625-646-654-720	49					50%	
10	471	652	625-648-656-720	49		813			50%	E.O.T #813, TAPE MKTS
11	472	654	625-650-658-720	49	<i>windstrip</i>	814			72Db	B.O.T #814, 900 10sec ALL ONES.
12	473	654	625-650-658-720	49					50%	
13	474	656	625-652-660-720	49					50%	
14	SKIP	658	625-654-662-720	49					SKIP	
15	SKIP	660	625-656-664-720	49					SKIP	
16	SKIP	662	625-658-666-720	49					SKIP	
17	SKIP	664	625-660-668-720	49		814			SKIP	E.O.T #814, TAPE MKTS,
18										
19										E.O.L #6
20										
21										
22										
23										
24										
25										

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>LANDER</i>	DATE <i>10-28-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Cross Country + Dry Lake Bed</i>	WEATHER <i>Clear</i>	LINE NO. <i>#6</i>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>			<i>missed sweep</i>	<i>858</i>	<i>OUT</i>	<i>IN</i>		<i>B.O.T #858, 900 10sec ALL ONES</i>
2	<i>EINT</i>	<i>2-11 "</i>								<i>Recorder set at 76-77</i>
3	<i>D.R.D</i>	<i>4-11 "</i>								<i>Alais 62.5hz, Sample Rate 4ms, 28 sec Swp.</i>
4	<i>SLURVEST</i>	<i>2-11 "</i>								<i>42 sec Record, move up 55', 100' spacing Between Vibs</i>
5	<i>N.R.S</i>	<i>2-11 "</i>								<i>4 station OFFSET, 220 STATIONS.</i>
6	<i>similarity</i>	<i>1-28sec</i>	<i>235</i>	<i>4</i>					<i>50%</i>	<i>Vib #23652 Down Back Engine Problem.</i>
7	<i>WINDSTRIP</i>	<i>1-42sec</i>	<i>1</i>						<i>72db</i>	
8	<i>1</i>	<i>5-100</i>	<i>1</i>	<i>4</i>					<i>50%</i>	<i>NOTE Lake Bed Dry ON TOP BUT WET Below TOP Soil.</i>
9	<i>2</i>	<i>6-101</i>	<i>2</i>						<i>50%</i>	
10	<i>3</i>	<i>7-102</i>	<i>3</i>						<i>50%</i>	
11	<i>4</i>	<i>8-103</i>	<i>4</i>						<i>50%</i>	
12	<i>5</i>	<i>9-104</i>	<i>5</i>			<i>858</i>			<i>50%</i>	<i>Stacked 1st half. EOT #858 Tape MKTs</i>
13	<i>6</i>	<i>10-105</i>	<i>6</i>						<i>SKIP</i>	<i>Due TO Terrain.</i>
14	<i>7</i>	<i>11-106</i>	<i>7</i>	<i>wind strip</i>		<i>859</i>			<i>72db</i>	<i>BOT #859 *900 10sec ALL ONES.</i>
15	<i>7</i>	<i>11-106</i>	<i>7</i>						<i>50%</i>	
16	<i>8</i>	<i>12-107</i>	<i>8</i>						<i>50%</i>	
17	<i>9</i>	<i>13-108</i>	<i>9</i>						<i>50%</i>	
18	<i>10</i>	<i>14-109</i>	<i>10</i>						<i>50%</i>	
19	<i>11</i>	<i>15-110</i>	<i>11</i>						<i>50%</i>	<i>Stacked Last half Due TO Terrain.</i>
20	<i>12</i>	<i>16-111</i>	<i>12</i>						<i>50%</i>	
21	<i>13</i>	<i>17-112</i>	<i>13</i>			<i>859</i>			<i>50%</i>	<i>EOT #859 Tape MKTs</i>
22	<i>14</i>	<i>18-113</i>	<i>14</i>	<i>wind strip</i>		<i>860</i>			<i>72db</i>	<i>BOT #860 *900 10sec ALL ONES.</i>
23	<i>14</i>	<i>18-113</i>	<i>14</i>						<i>50%</i>	
24	<i>15</i>	<i>19-114</i>	<i>15</i>						<i>50%</i>	
25	<i>16</i>	<i>20-115</i>	<i>16</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8-732hz / 28sec</i>	SWEEP PATTERN <i>See Remarks</i>	SWEEPS PER PATTERN <i>4</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i> X </i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5x1100's</i>	TYPE GEOPHONE <i>ETLEV22B</i>	FREQUENCY <i>7.5hz</i>	STATION INTERVAL <i>220'</i>
REMARKS <i>4ms Sample Rate 42sec Record Length</i>		OBSERVER <i>R. Patton M. Richey</i>		PARTY MGR. <i>L. Davis</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 34

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Lander	DATE 10-28-83
CREW NO. 6834	TERRAIN Cross Country + Dry Lake Bed	WEATHER Clear		LINE NO. 6

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	019	17	21-116	17	4		860	OUT	IN	50%	
2	020	18	22-117	18						50%	
3	021	19	23-118	19						50%	
4	022	20	24-119	20		860				50%	EOT # 860 Tape MKTs.
5	023	21	25-120	21	wind	Strip	861			72db	BOT # 861 *900 10 sec All ones.
6	024	21	25-120	21						50%	
7	025	22	26-121	22						50%	
8	026	23	27-122	23						50%	
9	027	24	28-123	24						50%	
10	028	25	29-124	25						50%	
11	029	26	30-125	26						50%	
12	030	27	31-126	27		861				50%	EOT # 861 Tape MKTs
13	031	28	32-127	28	wind	Strip	862			72db	BOT # 862 *900 10 sec All ones.
14	032	28	32-127	28						50%	
15	033	29	33-128	29						50%	
16	034	30	34-129	30						50%	got Light Blast on sweep # 3, VP # 30.
17	035	31	35-130	31						50%	
18	036	32	36-131	32						50%	
19	037	33	37-132	33						50%	
20	038	34	38-133	34		862				50%	EOT # 862 Tape MKTs
21	039	35	39-134	35	wind	Strip	863			72db	BOT # 863 *900 10sec All ones.
22	040	35	39-134	35						50%	
23	041	36	40-135	36						50%	
24	042	37	41-136	37						50%	
25	043	38	42-137	38						50%	

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

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Lander	DATE 10-28-83
CREW NO. 6834	TERRAIN Cross Country + Dry Lake Bed	WEATHER Clear		LINE NO. 6

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	044	43-138	39	4		863	OUT	IN	50%	
2	045	44-139	40						50%	
3	046	45-140	41			863			50%	EOT # 863 Tape MKTs
4	047	46-141	42	wind	strip	864			72db	BOT # 864 #900 10 sec All ones.
5	048	46-141	42						50%	
6	049	47-142	43						50%	
7	SKIP	48-143	44						SKIP	Due TO under ground Spring.
8	050	49-144	45						50%	Stacked Last half
9	051	50-145	46						50%	
10	052	51-146	47						50%	
11	053	52-147	48						50%	
12	054	53-148	49			864			50%	EOT # 864 Tape MKTs.
13	055	54-149	42	wind	strip	865			72db	BOT # 865 #900 10 sec All ones
14	056	54-149	42						50%	
15	057	55-150	43						50%	
16	058	56-151	44						50%	
17										
18										
19										
20										
21										
22										
23										
24										
25										

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

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**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Lander	DATE 10-29-83
CREW NO. 6834	TERRAIN Cross Country + Dry Lake Bed	WEATHER Clear	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	933 Pulse	1 - 6 sec				865	OUT	IN		Recorder set AT 126-127
2	934/935 FINT	2 - " "								Alais 62.5, 4 ms Sample Rate, 220' stations, 4 station offset, 42 sec Record, 4 Vibs, 100' spacing, 55' moveup, 4 Sweeps per station. 28 sec Sweep. STATION 126 OPEN.
3	936/939 D.R.D.	4 - " "								
4	953/954 Sum TEST	2 - " "								
5	960/961 NRJ TEST	2 - " "								
6	932 Similarity	1 - 28 sec							50%	
7	059 Wind Strip	1 - 42 sec	3						72db	
8	060 53	57 - 152	3	4		865			50%	EOT # 865 Tape MKTs
9	061 54	58 - 153	4			866			72db	BOT # 866 #900 10 sec All ones
10	062 54	58 - 153	4						50%	
11	063 55	59 - 154	5						50%	
12	064 56	60 - 155	6						50%	
13	065 57	61 - 156	7						50%	
14	066 58	62 - 157	8						50%	
15	067 59	63 - 158	9						50%	
16	068 60	64 - 159	10			866			50%	EOT # 866 Tape MKTs
17	069 61	65 - 160	11	wind strip		867			72db	BOT # 867 #900 10 sec All ones.
18	070 61	65 - 160	11						50%	
19	071 62	66 - 161	12						50%	
20	072 63	67 - 162	13						50%	
21	073 64	68 - 163	14						50%	
22	074 65	69 - 164	15						50%	
23	075 66	70 - 165	16		1				50%	got Blast on sweep # 2 up # 66.
24	076 67	71 - 166	17			867			50%	EOT # 867 Tape MKTs.
25	077 68	72 - 167	18	wind strip		868			72db	BOT # 868 #900 10 sec All ones.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 732 Hz / 28 sec		SWEEP PATTERN See Remarks		SWEEPS PER PATTERN 4	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETL EV 22B	FREQUENCY 7.5 Hz	STATION INTERVAL 220'
REMARKS 4 ms Sample Rate / 42 sec Record Length			OBSERVER R. Patton	PARTY MGR. M. Richey	

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY LANDEL	DATE 10-29-82
CREW NO. 6834	TERRAIN CROSS COUNTRY + DRY LAKE BED	WEATHER Clear		LINE NO. 6

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	078	68	72-167	18	4	868	OUT	IN	50%	
2	079	69	73-168	19					50%	
3	080	70	74-169	20					50%	
4	081	71	75-170	21		868			50%	END OF Reel # 868 TAPPE MKTS.
5										Dry Lake Bed Dry on top Wet Below the top.
6										Vibs starting to sink down making deep RUTS FROM
7										75 TO 110 WORST PART IN MIDDLE OF LAKE. HAVING TO
8										SHUT DOWN, PICKING UP REST OF LINE # 6.
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25										

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

April 11, 1985

NOTE

Due to bookkeeping errors in the field the Record Numbers for Nevada line 6 overlap in two places. Starting at the beginning of the line, the Record Numbers increase sequentially from Record Number 1 to Record Number 469. The next file should have been labeled 470. However it is labeled 370, after which the Record Numbers increase sequentially to Record Number 474. After 474, the next file recorded is labeled Record Number 1, after which the Record Numbers increase sequentially to Record Number 81, which was the last file recorded.