

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

**Exploration Services
Division**
Geosource Inc.

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY LANDER	DATE 10/12/83
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CREW NO. 6834	TERRAIN FLAT ROAD	WEATHER CLEAR, COOL	LINE NO. #6
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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	206	WINDSTRIP		5	48db	19	OUT	IN		NOTE: THERE IS A CONSIDERABLE AMOUNT OF HEAVY CONSTRUCTION EQUIPMENT ON LINE MAKING
2	207	333	337	456						CONSIDERABLE NOISE! (FILES 933-954-DAILY TESTS)
3	208	334	338	457						STATION 406 IS DEAD DUE TO PROXIMITY TO THE DOGHOUSE
4	209	335	339	458						
5	210	336	340	459						
6	211	337	341	460						
7	212	338	342	461						
8	213	339	343	462						
9	214	340	344	463						ON V.P. 342 ON, 407 WILL ALSO BE DEAD BECAUSE OF PROXIMITY TO THE DOGHOUSE.
10	215	341	345	464						
11	216	342	346	465						
12	217	343	347	466						
13	218	WINDSTRIP				20				TAPE CHANGE
14	219	* 345	349	468						* V.P. 344 IS VOID, IT DID NOT WRITE ON TAPE
15	220	346	350	469						
16	221	347	351	470						
17	222	348	352	471						
18	223	349	353	472						
19	224	350	354	473						
20	225	351	355	474						
21	226	352	356	475						
22	227	353	357	476						
23	228	354	358	477						
24	229	355	359	478						
25	230	356	360	479						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-14
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SWEEP FREQUENCY 8-32	SWEEP PATTERN 4 MOVE-UPS, 55' MOVE-UP	SWEEPS PER PATTERN 4	SWEEP PATTERNS PER SETUP	PATCH PATTERN 24 INLINE OVER 310', 14' spacing
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 120	TYPE VIBRATOR Y-900	TYPE GEOPHONE MD-81	FREQUENCY 10 hz
		STATION INTERVAL 220'	LINE DIR. 1 TO 24	

REMARKS 4ms 62.5 alias	OBSERVER M. LaValle	PARTY MGR. L. Davis
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OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

**Exploration Services
Division**
Geosource Inc.

CLIENT CCORP	AREA Nevada	STATE Nevada	COUNTY Lander	DATE 10/12/83
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CREW NO. 6834	TERRAIN Flat road	WEATHER Clear	LINE NO. 6
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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	windstrip	42 sec.			5	48db	21	out	in		TAPE CHANGE, FILE NO. ERROR, F.N. reads <u>206</u> INSTEAD OF <u>231</u> !
2	358 *	362	481								* V.P. 257 VOID, IT DID NOT WRITE TO TAPE!
3	359	363	482								
4	360	364	483								HEAVY TRAFFIC NOISE ON LINE!
5	361	365	484								
6	362	366	485								
7	363	367	486								
8	364	368	487								
9	365	369	488								
10	366	370	489								FILE # ERROR, FILE READS <u>200</u> INSTEAD OF <u>240</u>
11	367	371	490								
12	368	372	491								
13	369	373	492								
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. MDS-14
SWEEP FREQUENCY 8-32	SWEEP PATTERN 4 more-ups 55' more-up	SWEEPS PER PATTERN 4	SWEEP PATTERNS PER SETUP	PATCH PATTERN 24 inline over 310', 14' spacing	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 120	TYPE VIBRATOR Y-900	TYPE GEOPHONE MD-81	FREQUENCY 10 Hz	STATION INTERVAL 220'
REMARKS			OBSERVER M. A. Valle	PARTY MGR. S. Davis	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

**Exploration Services
Division**
Geosource Inc.

CLIENT COCORP				AREA NEVADA				STATE NEVADA			COUNTY LANDER		DATE 10/11/83	
CREW NO. 6834			TERRAIN FLAT 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			
		120						LOCUT	60 ~	AMP				
1	160	290*	294	413		5	48db	15	OUT	IN		STARTING WITH V.P. 290 THE SWEEP FREQ. WILL BE 8-32 AND WE WILL BE		
2	161	291	295	414								DOING 4 SWEEPS PER V.P. WITH 55' MOVE-UPS FOR THE VIBRATORS		
3	162	292	296	415								FILES 933-954 DAILY TESTS		
4	163	293	297	416								* NOTE: V.P. 273-289 WERE NOT RECORDED BY THE MDS-14 DUE TO DOGHOUSE MALFUNCTION		
5	164	294	298	417								WE HAVE STARTED RECORDING ON 290!		
6	165	295	299	418								STATION 350 IS DEAD DUE TO PROXIMITY TO THE DOGHOUSE.		
7	166	296	300	419								NOTE: ON V.P. 290 THRU 293 STATIONS 302 & 303 ARE DEAD.		
8	167	WINDSTRIP	42 sec.					16				TAPE CHANGE		
9	168	297	301	420										
10	169	298	302	421								HEAVY TRAFFIC NOISE ON ROAD CONTINUALLY.		
11	170	299	303	422										
12	171	300	304	423										
13	172	301	305	424										
14	173	302	306	425										
15	174	303	307	426										
16	175	304	308	427										
17	176	305	309	428										
18	177	306	310	429										
19	178	307	311	430										
20	179	308	312	431										
21	180	WINDSTRIP	42 sec.					17				TAPE CHANGE MASSIVE TRAFFIC NOISE ON WIDE.		
22	181	309	313	432										
23	182	310	314	433										
24	183	311	315	434										
25	184	312	316	435										
TOTAL SETUPS		TOTAL SWEEPS			TOTAL COVERAGE				TOTAL FIELD TIME			DRIVING TIME		SYSTEM NO. MDS-14
SWEEP FREQUENCY 8-32 hz		SWEEP PATTERN 4 MOVE-UPS 55'/MOVE			SWEEPS PER PATTERN 4			SWEEP PATTERNS PER SETUP		PATCH PATTERN 24 INLINE OVER 320', 14' SPACING				
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 120		TYPE VIBRATOR y-900		TYPE GEOPHONE MD-81		FREQUENCY 10 hz		STATION INTERVAL 220'		LINE DIR. 1 TO 24		
REMARKS 4 ms, 62.5 alias								OBSERVER M. L'Valle			PARTY MGR. L. Davis			

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

**Exploration Services
Division**
Geosource Inc.

CLIENT <i>COCORD</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANEIR</i>	DATE <i>10/11/83</i>
CREW NO. <i>6834</i>	TERRAIN <i>FLAT 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	185	313	317	436		5	48db	17	OUT	IN	
2	186	314	318	437							
3	187	315	319	438							
4	188	316	320	439							
5	189	317	321	440							
6	190	318	322	441							
7	191	319	323	442							
8	192	320	324	443							
9	193	WINDSTRIP	42 sec.					18			TAPE CHANGE
10	194	321	325	444							
11	195	322	326	445							STATIONS 389 AND 390 WILL BE DEAD DUE TO PROXIMITY TO THE DOGHOUSE.
12	196	323	327	446							THERE IS HEAVY CONSTRUCTION MACHINERY OPERATING IN THE FRONT OF THE LINE
13	197	324	328	447							CAUSING SEVERE NOISE PROBLEMS!!!
14	198	325	329	448							
15	199	326	330	449							
16	200	327	331	450							
17	201	328	332	451							
18	202	329	333	452							
19	203	330	334	453							
20	204	331	335	454							
21	205	332	336	455							
22											
23											
24											
25											

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <i>MDS-14</i>
SWEEP FREQUENCY <i>8-32</i>	SWEEP PATTERN <i>4 MOVE-UPS, 55' / MOVE-UP</i>	SWEEPS PER PATTERN <i>4</i>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <i>24 MINUTE OVER 320' 14' SPACING</i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>120</i>	TYPE VIBRATOR <i>Y-900</i>	TYPE GEOPHONE <i>MD-81</i>	FREQUENCY <i>10 hz</i>	STATION INTERVAL <i>220'</i>
REMARKS			OBSERVER <i>M. LaVelle</i>	PARTY MGR. <i>L. Davis</i>	

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>10/10/83</i>
CREW NO. <i>6831</i>	TERRAIN <i>FLAT ROAD</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.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	<i>WINDSTRIP</i>	<i>42 SEC.</i>		<i>4</i>	<i>48db</i>	<i>11</i>	<i>OUT</i>	<i>IN</i>		<i>FILES 933-954 ARE DAILY TESTS</i>
2	<i>234</i>	<i>238 357</i>								
3	<i>235</i>	<i>239 358</i>								
4	<i>236</i>	<i>240 359</i>								
5	<i>237</i>	<i>241 360</i>								<i>DOGHOUSE MOVE, 302 AND 303 ARE DEAD DUE TO PROXIMITY TO THE DOGHOUSES</i>
6	<i>238</i>	<i>242 361</i>								
7	<i>239</i>	<i>243 362</i>								<i>HEAVY TRAFFIC NOISE ON LINE!</i>
8	<i>240</i>	<i>244 363</i>								
9	<i>WINDSTRIP</i>	<i>42 SEC.</i>				<i>12</i>				<i>TAPE CHANGE</i>
10	<i>241</i>	<i>245 364</i>								
11	<i>242</i>	<i>246 365</i>								
12	<i>243</i>	<i>247 366</i>								
13	<i>244</i>	<i>248 367</i>								
14	<i>245</i>	<i>249 368</i>								
15	<i>246</i>	<i>250 369</i>								
16	<i>247</i>	<i>251 370</i>								
17	<i>248</i>	<i>252 371</i>								
18	<i>249</i>	<i>253 372</i>								
19	<i>250</i>	<i>254 373</i>								
20	<i>251</i>	<i>255 374</i>								
21	<i>252</i>	<i>256 375</i>								
22	<i>WINDSTRIP</i>	<i>42 SEC.</i>				<i>13</i>				<i>TAPE CHANGE</i>
23	<i>253</i>	<i>257 376</i>								
24	<i>254</i>	<i>258 377</i>								
25	<i>255</i>	<i>259 378</i>								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <i>MDS-14</i>
SWEEP FREQUENCY <i>8-32 hz</i>	SWEEP PATTERN <i>8 MOVE-UPS, 275 MOVES</i>	SWEEPS PER PATTERN <i>8</i>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <i>24 INLINE OVER 320' 14' spacing</i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>120</i>	TYPE VIBRATOR <i>Y-900</i>	TYPE GEOPHONE <i>MD-81</i>	FREQUENCY <i>10 hz</i>	STATION INTERVAL <i>220'</i>
REMARKS <i>4 ms, 62.5 alias</i>	OBSERVER <i>M. Valle</i>		PARTY MGR. <i>L. Davis</i>		

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

**Exploration Services
Division**
Geosource Inc.

CLIENT <i>COOPER</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>LANDER</i>	DATE <i>10/10/83</i>
CREW NO. <i>6834</i>	TERRAIN <i>FLAT ROAD</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>134</i>	<i>256</i>	<i>260</i>	<i>379</i>							
2	<i>135</i>	<i>257</i>	<i>261</i>	<i>380</i>							
3	<i>136</i>	<i>258</i>	<i>262</i>	<i>381</i>							
4	<i>137</i>	<i>259</i>	<i>263</i>	<i>382</i>							
5	<i>138</i>	<i>260</i>	<i>264</i>	<i>383</i>							
6	<i>139</i>	<i>261</i>	<i>265</i>	<i>384</i>							
7	<i>140</i>	<i>262</i>	<i>266</i>	<i>385</i>							
8	<i>141</i>	<i>263</i>	<i>267</i>	<i>386</i>							
9	<i>142</i>	<i>264</i>	<i>268</i>	<i>387</i>							
10	<i>143</i>	<i>WINDSTRIP</i>	<i>42 sec.</i>				<i>14</i>				<i>TAPE CHANGE</i>
11	<i>144</i>	<i>265</i>	<i>269</i>	<i>388</i>							
12	<i>145</i>	<i>266</i>	<i>270</i>	<i>389</i>							
13	<i>146</i>	<i>267</i>	<i>271</i>	<i>390</i>							
14	<i>147</i>	<i>268</i>	<i>272</i>	<i>391</i>							
15	<i>148</i>	<i>269</i>	<i>273</i>	<i>392</i>							
16	<i>149</i>	<i>270</i>	<i>274</i>	<i>393</i>							
17	<i>150</i>	<i>271</i>	<i>275</i>	<i>394</i>							
18	<i>151</i>	<i>272</i>	<i>276</i>	<i>395</i>							
19	<i>152*</i>	<i>266</i>	<i>270</i>	<i>389</i>	<i>TEST</i>						<i>* STARTING ON FILE # 152 THE SWEEP FREQ. HAS BEEN CHANGED TO <u>14-56 hz</u>. ALL ELSE REMAINS THE SAME! WE ARE BACKING UP TO V.P. 266 AND WILL START THIS TEST THERE.</i>
20	<i>153</i>	<i>267</i>	<i>271</i>	<i>390</i>	<i>TEST</i>						
21	<i>154</i>	<i>268</i>	<i>272</i>	<i>391</i>	<i>TEST</i>						
22	<i>155</i>	<i>269</i>	<i>273</i>	<i>392</i>	<i>TEST</i>						
23	<i>157</i>	<i>270</i>	<i>274</i>	<i>393</i>	<i>TEST</i>		<i>15</i>				<i>TAPE CHANGE, FILE #156 IS 42 SEC. WINDSTRIP</i>
24	<i>158</i>	<i>271</i>	<i>275</i>	<i>394</i>	<i>TEST</i>						
25	<i>159</i>	<i>272</i>	<i>276</i>	<i>395</i>	<i>TEST</i>						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <i>MDS-14</i>
SWEEP FREQUENCY <i>8-32 hz</i>	SWEEP PATTERN <i>8 move-ups, 27.5' MOVE</i>	SWEEPS PER PATTERN <i>8</i>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <i>24 phones inline over 320' 14' spacing</i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>120</i>	TYPE VIBRATOR <i>V-900</i>	TYPE GEOPHONE <i>MD-81</i>	FREQUENCY <i>10 hz</i>	STATION INTERVAL <i>220'</i>
REMARKS <i>4ms, 0.25 alias</i>			OBSERVER <i>M. J. Valle</i>	PARTY MGR. <i>L. Davis</i>	

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>
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CREW NO. <i>6834</i>	TERRAIN <i>FLAT</i>	WEATHER <i>CLEAR</i>	LINE NO. <i>#6</i>
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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	81	206	210	329		4	48db	9	OUT	IN	
2	82	208	212	331							V.P. 207 SKIPPED DUE TO A WASHOUT
3	83	209	213	332							
4	84	210	214	333							
5	85	211	215	334							
6	86	212	216	335							
7	87	213	217	336							
8	88	214	218	337							
9	89	215	219	338							
10	90	216	220	339							
11	91	217	221	340							
12	92	218	222	341							
13	93	219	223	342				10			TAPE CHANGE
14	94	220	224	343							
15	95	221	225	344							
16	96	222	226	345							
17	97	223	227	346							
18	98	224	228	347							
19	99	225	229	348							
20	100	226	236	349							
21	101	WINDSTRIP	42 SEC.								
22	102	227	231	350							
23	103	228	232	351							
24	104	229	233	352							
25	105	230	234	353							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <i>MDS-14</i>
SWEEP FREQUENCY <i>8-32</i>	SWEEP PATTERN <i>8 MOVE-UPS 27.5/MOVE-UP</i>	SWEEPS PER PATTERN <i>8</i>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <i>24 INLINE OVER 320' 14' SPACING</i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>126</i>	TYPE VIBRATOR <i>Y-900</i>	TYPE GEOPHONE <i>MD-81</i>	FREQUENCY <i>10 Hz</i>	STATION INTERVAL <i>220'</i>
REMARKS <i>4ms, 625 SPTS</i>	OBSERVER <i>M. LaVelle</i>	PARTY MGR. <i>L. Davis</i>			

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

CLIENT DO CORP	AREA NEVADA	STATE NEVADA	COUNTY LANDER	DATE 10/9/83
CREW NO. 6834	TERRAIN FLAT	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	56 WINDSTRIP	42 SEC.		4	48db	7	OUT	IN		V.P. 190 & 191 SKIPPED DUE TO A WASHOUT!
2	57 192	196 315								50% DRIVE (TEST) 8 SUMS 27.5' MOVE-UP
3	58 192	196 315								25% DRIVE (TEST) 8 SUMS " " "
4	59 192	196 315								75% DRIVE (TEST) 8 SUMS " " "
5	60 193	197 316								50% DRIVE (TEST) 4 SUMS " " "
6	61 193	197 316								50% DRIVE (TEST) 8 SUMS " " "
7	62 194	198 317								30% DRIVE (TEST) 4 SUMS 55' MOVE-UP
8	63 194	198 317								50% DRIVE (TEST) 8 SUMS 27.5' MOVE-UP
9	64 195	199 318								50% DRIVE (TEST) 1 SUM
10	65 195	199 318								50% DRIVE (TEST) 1 SUM
11	66 195	199 318								50% DRIVE (TEST) 1 SUM
12	67 195	199 318								50% DRIVE (TEST) 1 SUM
13	68 195	199 318								50% DRIVE (TEST) 1 SUM
14	69 195	199 318				8				50% DRIVE (TEST) 1 SUM TAPE CHANGE
15	70 195	199 318								50% DRIVE (TEST) 1 SUM
16	71 195	199 318								50% DRIVE (TEST) 1 SUM
17	72 WINDSTRIP	201 320								42 SEC WINDSTRIP. FILE #S 933 - 954 ARE DAILY TESTS V.P. 196 SKIPPED DUE TO A WASHOUT
18	73 197	201 320								V.P. 197 NORMAL PREDICTION, STATIONS 262 & 263 ARE DEAD DUE TO PROXIMITY TO THE DOGHOUSE
19	74 198	202 321								
20	75 199	203 322								V.P. 200 SKIPPED DUE TO A WASHOUT
21	76 201 *	204 323								*FROM V.P. 201 THRU 205, THERE IS A CDP ERROR, THE V.P. AND THE SPREADS
22	77 202 *	205 324								ARE 1 CHANNEL LESS THAN THEY SHOULD BE! THE SPREADS ON THIS C.B. SHEET ARE THOSE ON TAPE!
23	78 203 *	206 325								HEAVY TRAFFIC NOISE ON LINE.
24	79 204 *	207 326								
25	80 205 *	208 327				9				TAPE CHANGE

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-14
SWEEP FREQUENCY 8-32	SWEEP PATTERN 8 MOVE-UPS 27.5' MOVE	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP	PATCH PATTERN 24 INLINE OVER 320, 14 SPACING	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 120	TYPE VIBRATOR Y-900	TYPE GEOPHONE MD-81	FREQUENCY 10 hz	STATION INTERVAL 220'
REMARKS 4ms 62.5 alias			OBSERVER M. LaValle	PARTY MGR. L. Davis	

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>LAUNDER</i>		DATE <i>10/9/83</i>		
CREW NO. <i>6834</i>		TERRAIN <i>FLAT</i>			WEATHER <i>CLEAR</i>				LINE NO. <i>#6</i>		
REC.NO.	SWEEP POINT	PATCH LOCATIONS <i>120</i>		CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
								LOCUT	60 ~	AMP	
1	<i>106</i>	<i>231</i>	<i>235 354</i>			<i>48db</i>	<i>11</i>	<i>OUT</i>	<i>IN</i>		<i>TAPE CHANGE</i>
2	<i>107</i>	<i>232</i>	<i>236 355</i>								
3	<i>108</i>	<i>233</i>	<i>237 356</i>								
4											
5											
6											
7											
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24											
25											
TOTAL SETUPS		TOTAL SWEEPS			TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME	SYSTEM NO. <i>MOS-14</i>
SWEEP FREQUENCY <i>8-32</i>		SWEEP PATTERN <i>8 MOVE-UPS, 27.5' / MOVE-UP</i>			SWEEPS PER PATTERN <i>8</i>			SWEEP PATTERNS PER SETUP		PATCH PATTERN <i>24 Phones inline over 320' 14' spacing</i>	
GEOPHONES PER PATCH <i>24</i>		NO. OF RECORDING PATCHES <i>120</i>		TYPE VIBRATOR <i>Y-900</i>		TYPE GEOPHONE <i>MDS1</i>		FREQUENCY <i>10 Hz</i>		STATION INTERVAL <i>220</i>	LINE DIR. <i>1 TO 24</i>
REMARKS <i>4 ms 62.5 2135</i>							OBSERVER <i>M. Valle</i>			PARTY MGR. <i>L. Davis</i>	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

**Exploration Services
Division**
Geosource Inc.

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY LANDER	DATE 10/8/83
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CREW NO. 6834	TERRAIN FLAT	WEATHER CLEAR	LINE NO. #6
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REC.NO.	SWEEP POINT	PATCH LOCATIONS		CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
		1	120					LOCUT	60 ~	AMP	
1	933 PULSE	6sec				48db	5	OUT	IN		STATIONS 222 & 223 ARE DEAD DUE TO PROXIMITY TO THE JOGHOUSE.
2	934 935 EINT	6sec									
3	936 939 DRD	6sec									
4	953 954 SUM	6sec									
5	37 WINDSTRIP	42sec									
6	38 172	176	295		4						
7	39 173	177	296								
8	40 174	178	297								
9	41 175	179	298								TRAFFIC ON LINE!
10	42 176	180	299								SEMI-ON LINE!
11	43 177	181	300				6				TAPE CHANGE
12	44 178	182	301								
13	45 179	183	302								
14	46 180	184	303								
15	47 181	185	304								
16	48 182	186	305								
17	49 183	187	306								
18	50 184	188	307								
19	51 185	189	308								
20	52 186	190	309								
21	53 187	191	310								
22	54 188	192	311								
23	55 189	193	312								NOTE: VIBRATOR MISSED 2 SWEEPS ON THIS V.P.
24											
25											

TOTAL SETUPS 19	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-14
SWEEP FREQUENCY 8-32 hz	SWEEP PATTERN 8 MOVE-UPS 272	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP	PATCH PATTERN 2A INLINE OVER 320' 4' spacing	
GEOPHONES PER PATCH 2A	NO. OF RECORDING PATCHES 120	TYPE VIBRATOR y900	TYPE GEOPHONE MD-81	FREQUENCY 10 hz	STATION INTERVAL 220
REMARKS 4ms, 62.5 alias,			OBSERVER M. Helle	PARTY MGR. L. Davis	

OBSERVER'S REPORT DIGITAL RECORDER

GEOSOURCE INC.

CLIENT <i>COCORP</i>		AREA <i>NEVADA</i>		LINE <i>6</i>		STATE <i>NEVADA</i>		COUNTY <i>LANDER</i>		DATE <i>10/5/83</i>							
CREW <i>6834</i>		TERRAIN <i>FLAT</i>		WEATHER <i>CLEAR</i>		DRIVE TIME		RECORDER <i>MDS-14</i>		TYPE FORMAT <i>SEG B</i>							
1	RECORD NO.	SOURCE POINT	PATCH LOCATION NO. 1	PATCH LOCATION NO. 24	PATCH LOCATION NO. 25	PATCH LOCATION NO. 48	CDP SW	NO. OF SOURCES	TAPE REEL	NO. OF SUMS	UH TIME	REMARKS					
2	<i>31A</i>	<i>WINDSTRIP</i>							<i>5</i>								
3	<i>32</i>	<i>167</i>	<i>171</i>					<i>4</i>		<i>8</i>		<i>STATION 222 DEAD</i>					
4	<i>33</i>	<i>168</i>	<i>172</i>					"		"							
5	<i>34</i>	<i>169</i>	<i>173</i>					"		"							
6	<i>35</i>	<i>170</i>	<i>174</i>					"		"		<i>STATIONS 222 AND 223 ARE DEAD DUE TO PROXIMITY TO THE DOGHOUSE.</i>					
7	<i>36</i>	<i>171</i>	<i>175</i>					"		"							
8																	
9																	
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26																	
27																	
SWEEP FREQUENCY <i>8-32</i>		SWEEP LENGTH <i>28</i>		RECORD TIME <i>14</i>		TYPE ENERGY <i>VIBROSEIS</i>		ENERGY PATTERN <i>8 MOVE-UPS, 272'</i>		NO. OF SUMS PER PATTERN <i>8</i>		TYPE OF AIR-GUNS		SWEEP RATE		REC. MODE <input checked="" type="checkbox"/> NKZI <input checked="" type="checkbox"/> PE	
TYPE GEOPHONE <i>MD-81</i>		FREQUENCY <i>10 hz</i>		PATCH PATTERN <i>24 INLINE OVER 320'</i>		NO. OF RECORDING PATCHES <i>120</i>		STATION INTERVAL <i>220</i>		DIRECTION OF NO. 1		DIRECTION OF NO. 48 or NO. 96					
TYPE RECORD SYSTEM <i>MDS-14</i>		LO-CUT FILTERS <i>OUT</i>		SLOPE		ALAIS <i>625</i>		NOTCH <i>IN</i>		GAIN <input checked="" type="checkbox"/> FLOAT <input checked="" type="checkbox"/> FIXED		PRE-AMP GAIN <i>48 db</i>		HEADER INFORMATION			
TIME BREAK DELAY				OBSERVER				PARTY MANAGER <i>L. Davis</i>									

OBSERVER'S REPORT DIGITAL RECORDER

GEOSOURCE INC.

CLIENT COCORP		AREA NEVADA		LINE 6	STATE NEVADA	COUNTY LANDER	DATE 10/5/83										
CREW 6834		TERRAIN		WEATHER CLEAR		DRIVE TIME	RECORDER MDS-14	TYPE FORMAT SEGB									
1	RECORD NO.	SOURCE POINT	PATCH LOCATION NO. 1	PATCH LOCATION NO. 24	PATCH LOCATION NO. 25	PATCH LOCATION NO. 26	CDP SW	NO. OF SOURCES	TAPE REEL	NO. OF SUMS	UH TIME	REMARKS					
2	933	PULSE							3								
3	934-935	EINT															
4	936-939	DRD															
5	953-954	SUM															
6	14	WINDSTRIP	168		287												
7	15	164	168		287			4	3	4		120 CH. 50% DRIVE					
8	16	164	168		287			"		8		" " " " " " 222 DEAD					
9	17	164	168		287			"		4		" " " " " " 55' MOVE-UP PER VIB					
10	18	165	169		288			"		8		" " " " " " " "					
11	19	165	169		288			"		8		25% DRIVE " "					
12	20	165	169		288			"		8		75% DRIVE " "					
13	21	166	170		289			"		8		50% DRIVE " "					
14	22	166	170		289			"	4	1		50% DRIVE					
15	23	166	170		289			"		1		" "					
16	24	166	170		289			"		1		" " NOISE FROM TRUCKS					
17	25	166	170		289			"		1		" " " " " "					
18	26	166	170		289			"		1		" "					
19	27	166	170		289			"		1		" " POSSIBLY NOT VALID!					
20	28	166	170		289			"		1		" "					
21	29	166	170		289			"		1		" "					
22	30	166	170		289			"		1		" "					
23																	
24																	
25																	
26																	
27																	
SWEEP FREQUENCY 8-32		SWEEP LENGTH 28		RECORD TIME 14 SEC.		TYPE ENERGY VIBROSEIS		ENERGY PATTERN VARIABLE		NO. OF SUMS PER PATTERN VARIABLE		TYPE OF AIR-GUNS		SWEEP RATE		REC. MODE NRZI	
TYPE GEOPHONE MD-81		FREQUENCY 10 Hz		PATCH PATTERN 24 INLINE OVER 320		NO. OF RECORDING PATCHES 120		STATION INTERVAL		DIRECTION OF NO. 1		DIRECTION OF NO. 48 or NO. 96					
TYPE RECORD SYSTEM MDS-14		LO-CUT FILTERS OUT		SLOPE		ALIAS 62.5		NOTCH IN		GAIN FLOAT		PRE-AMP GAIN 48 db		HEADER INFORMATION 03			
TIME BREAK DELAY				OBSERVER				PARTY MANAGER									

OBSERVER'S REPORT DIGITAL RECORDER

GEOSOURCE INC.

CLIENT		AREA		LINE	STATE	COUNTY	DATE										
COCORP		NEVADA		6	NEVADA	LANDER	10/4/83										
CREW		TERRAIN	WEATHER		DRIVE TIME		RECORDER	TYPE FORMAT									
6834			CLEAR				MDS-14	SEGB									
1	RECORD NO.	SOURCE POINT	PATCH LOCATION NO. 1	PATCH LOCATION NO. 24	PATCH LOCATION NO. 25	PATCH LOCATION NO. 96	CDP SW	NO. OF SOURCES	TAPE REEL	NO. OF SUMS	UH TIME	REMARKS					
2	933	PULSE							1			6 sec. 96 CHANNELS					
3	934	EINT										6 sec.					
4	935	EINT										6 sec.					
5	936-939	DRD										6 sec.					
6	953-954	SUM TEST										6 sec.					
7	7	WINDSTRIP	160			255		4				96 CHANNELS					
8	8	259	160			255		"		4		50% DRIVE					
9	9	259	160			255		"		8		75% DRIVE					
10	10	259	160			259		"		8		25% DRIVE NOTE: POSSIBLY 4 CHANNELS EXTRA ON THIS Y.P.					
11	11	355	160			255		"		12		50% DRIVE					
12	12	451	160			255		"		12		50% DRIVE					
13	13	527	160			255		"	2	12		70% DRIVE					
14																	
15																	
16																	
17																	
18																	
19																	
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21																	
22																	
23																	
24																	
25																	
26																	
27																	
SWEEP FREQUENCY		SWEEP LENGTH		RECORD TIME		TYPE ENERGY		ENERGY PATTERN		NO. OF SUMS PER PATTERN		TYPE OF AIR-GUNS		SWEEP RATE		REC. MODE	
8-32		28		14		VIB ROSE IS		VARIES		VARIES						NRZI	
TYPE GEOPHONE		FREQUENCY		PATCH PATTERN		NO. OF RECORDING PATCHES		STATION INTERVAL		DIRECTION OF NO. 1		DIRECTION OF NO. 48 or NO. 96					
MD-81		10 Hz		24 IN LINE OVER 320		96		220									
TYPE RECORD SYSTEM		LO-CUT FILTERS		SLOPE		ALAS		NOTCH		GAIN		FLOAT FIXED		PRE-AMP GAIN		HEADER INFORMATION	
MDS-14		OUT				625		IN						48 db			
TIME BREAK DELAY				OBSERVER								PARTY MANAGER					
												L. Davis					

OBSERVER'S REPORT DIGITAL RECORDER

GEOSOURCE INC.

CLIENT COCORP		AREA		LINE 6	STATE NEVADA	COUNTY	DATE 9/29/83					
CREW 6834		TERRAIN		WEATHER		DRIVE TIME	RECORDER MDS-14	TYPE FORMAT SEG B				
1	RECORD NO.	SOURCE POINT	PATCH LOCATION NO. 1	PATCH LOCATION NO. 24	PATCH LOCATION NO. 25	PATCH LOCATION NO. 26	CDP SW	NO. OF SOURCES	TAPE REEL	NO. OF SUMS	UH TIME	REMARKS
2	1	151	155			274		5	1	8		Low CUT OUT, ALIAS 62.5, 4ms, NOTCH IN
3	2	WINDSTRIP	156			275		"		"		42 SECOND WINDSTRIP
4	3	152	156			275		"		"		STATION 213-215 DEAD, NOISE REJECT IN
5	4	153	157			276		"		"		STATION 214 DEAD
6	5	154	158			277		"		"		NOTE: TRAFFIC ON LINE!
7	6	155	159			278		"		"		
8												
9												
10												
11												
12												
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SWEEP FREQUENCY 8-32	SWEEP LENGTH 28	RECORD TIME 42 sec.	TYPE ENERGY VIBROSEIS	ENERGY PATTERN	NO. OF SUMS PER PATTERN 8	TYPE OF AIR-GUNS	SWEEP RATE	REC. MODE	NRZI <input checked="" type="checkbox"/>
TYPE GEOPHONE MD-81	FREQUENCY 10 hz	PATCH PATTERN 24 IN LINE OVER 320	NO. OF RECORDING PATCHES 120	STATION INTERVAL 220	DIRECTION OF NO. 1 N	DIRECTION OF NO. 48 or NO. 96 S	HEADER INFORMATION		
TYPE RECORD SYSTEM MDS-14	LO-CUT FILTERS OUT	SLOPE OUT	ALIAS 62.5	NOTCH IN	GAIN FLOAT	PRE-AMP GAIN 48 db	HEADER INFORMATION		01
TIME BREAK DELAY	OBSERVER M. Valle		PARTY MANAGER						