

Date Oct 12/2006

### First test.

Began setup on the 11<sup>th</sup>. all systems worked well until ~ 5:00 pm. V of A vibrate sweep began to fail.

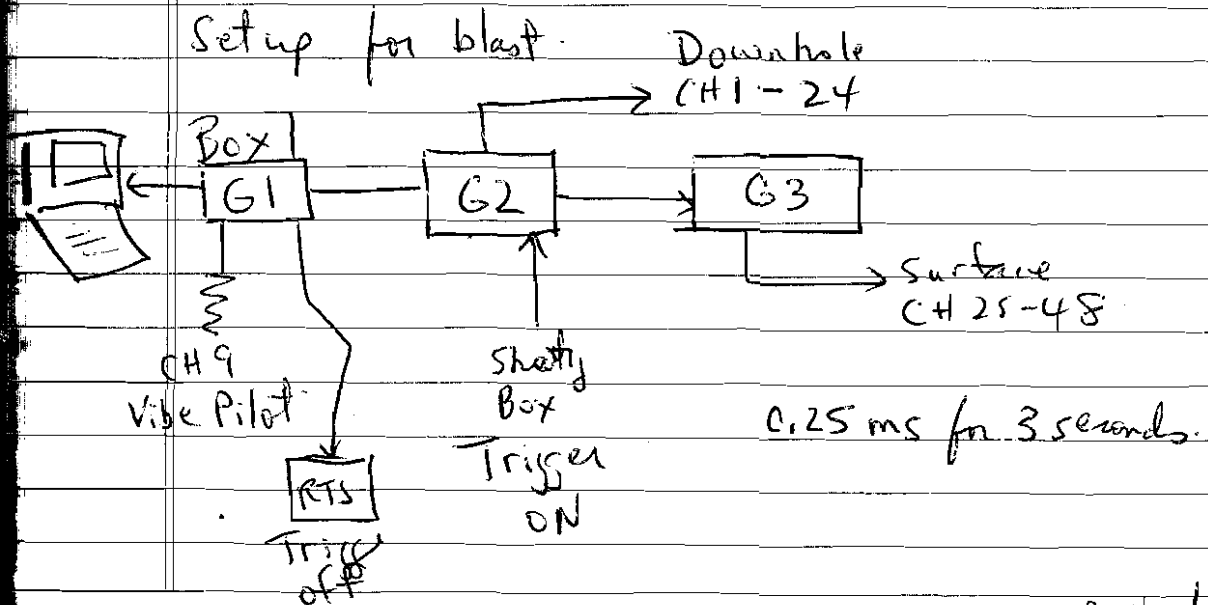
- High noise seen - ~~observed~~ obscured any signal downhole from survey shear wave mode - signal seen on surface phones.

Personnel - Schmitt, Uebel, Bianco  
White, Bellefleur, Cartwright, Brian  
Sally, Rick - Director, Geological Survey of Manitoba.

11:45 am Oct 12/2006 - First dynamite test shot hole #1, Zero offset.

Good signal seen on downhole and uphole geophones

### Setup for blast.



# SIB 100 Unit

NI 918-836-6516 x35 <sup>Date</sup>

Directory 8 Geodes 6 Surface Spreads }  
+ 2 Geodes in Truck }

06102-test 12 GEODES 10 Surface + 2 in Truck

061012-Vibe stack 5, Channel 9 = Pilot.

stack after complete

stack = 5

stack = 5

1 ms for 3 sec

listen for 3 sec

Vibe.

0613/2006 4Q66W3 Box #1 = off.

0.25 ms, 3 second, Channel 25-48 = Double

Channel 48-96 - First 2 boxes.

Channel 9 = Pilot.

8 sec, sweep

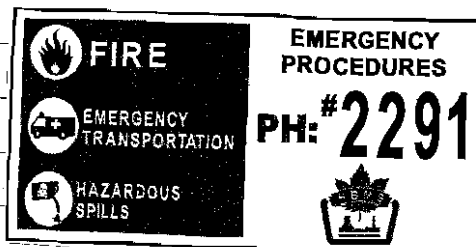
Ch # 25-48 = Double

channel 49-192 = uphole

P = 15-250 Hz

S = 5-250 Hz

Mis



FFID 1000 Far offset dyn.

FFID

File #	Rx 1	Rx 8	12.7 millivolts / Far Offset Dynamic
1000	1046.5	1116.5	Far offset dynamic / 12.7 millivolts
1001	1046.3	1116.5	<del>Far offset dynamic</del> / 999.9 millivolts
1002	1046.5	1116.5	Far offset dynamic / 5.4 mV
1003	"	"	<del>Far offset dynamic</del> / 999.9 mV
1004	"	"	Shear Wave test on real.
1005	"	"	P wave Test - same spot.
1006	"	"	Repeat - End <u>6:39pm</u>

Pick up boxes

2001	1046.5	1116.5	Near offset #1	11.8 mV
2002	No Data			
2003	"	"	Far offset	
2004	P wave		Stab 1	15-250Hz
2005	D wave		Stab 1	
2006	P wave		Stab 5	
2007	S wave		Stab 5	
2008	1041.5	1111.5	Same Loc on stab - 4 only + 1	
2009	"	"	P wave	
2010			Near offset	Note Change
2011			No Data	on
2012			Far offset	

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Move 9:11 AM. Rental System 36 boards seen.

CH 9 = Pilot

CH 25 - 48 = Downhole

CH 49 - 288 = Surface

} Keep Geometry  
for Vibe, Shots

Fun after Sunny + Reno

Near report Albert.

Vibe 1 mg. 3 se read, 8 se survey as  
per previous page.

File	Depth	Date	
2013	966.5 - 1036.5	Oct 13	Near offset
2014	" "		Far offset
2015	" "		P wave 9:35
2016			S wave 9:39
2017	961.5 1031.5		S wave 9:44
2018	" "		P wave stat 5
2019			stat 18
2020	NO DATA		↑ Failed on Far offset ↓
2021	NO DATA		
2022	NO DATA		
2023	NO DATA		
2024	" "		Near offset Good
2025	" "		Far offset Good
2026	886.5 996.5		Far offset 10:07
2027	" "		Near offset
2028	NO DATA		P wave
2029	NO DATA		
2030	" "		P wave stat = 5
2031			S wave 10:37
2032	881.5 951.5		S wave stat = 5
2033	" "		P wave
2034	" "		Far offset
2035	" "		9:50
2036	NO DATA		Broken Wire
2037	NO DATA		
2038	806.5 876.4		Far offset
2039	" "		Near offset
2040	NO DATA		stat -
2041	806.5 876.4		P-wave 5
2042			S-wave 5

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No Change to line

CH 9 = Pilot

25-48 = Downhole

49-288 = Surface.

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Date

2043	801.5	871.5	S Wave	stal=5
2044	"	"	P Wave	5
2045	NO DATA			
2046	"	"	Far offset 2.1	
<del>2046</del>				
2047			Near offset 1.1	

	726.5	796.5		
2048	NO DATA			
2049			Far offset	
2050			Near offset	
2051	P Wave			
2052	S Wave			

	721.5	791.5		12:15
2053	S Wave			
2054	P Wave			
2055	Far offset			
2056	Near offset			12:24

	646.5	716.5		
2057	Far offset		- <del>2nd hole</del> 1st hole	450g
2058	Near offset		- <del>1st hole</del> 2nd hole	
2059	P-Wave			
2060	S-Wave			

	641.5	711.5		
2061	S Wave			
2062	P Wave			
2063	Far offset #2		NO DATA	
2064	Far offset, hole 2		450g	
2065	Near offset, hole 2		450g	

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24 =

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Shut down surface line except  
for first box



Oct 13/2006

Test

641.7<sup>m</sup> - 711.5<sup>m</sup> Date

- 2066 Far offpit, 1 basket, 150g
- 2067 Near offpit, 1 basket, 150g
- 2068 Near offpit, 2 baskets, 300g.
- 2069 Far offpit, 300g.
- 2070 Near offpit, 750g
- 2071 NO DATA.
- 2072 Far offpit, hole 2, 750g.
- 2073 Near offpit, hole 2, 1050g.
- 2074 NO DATA.
- 2075 Far offpit, hole 2, 1050g

Move - Shut down Boxes 4-12 shut off  
 566.5 - 636.5m. Boxes 1-3 - no change  
 Box 1 = CH9 - Pilot  
 Box 2 = 25-48 - Downhole.  
 Box 3 = 49-72 - Surface.

- 2076 No DATA.
- 2077 No DATA
- 2078 Far offpit, hole 2, 450g.
- 2079 Near offpit, hole 3, 450g.
- 2080 P wave 5
- 2081 P wave 5
- 2082 S wave

} Possible false problem.

Shut Down to change

\$1 561.5 631.5m

- 2083 S Wave 3:11
- 2084 P Wave 3:17 wait
- 2085 Far offpit, hole 3, 450g. 3:35
- 2086 Near offpit, hole 3, 450g.

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486.5 - 556.5 m

2087 No Data

2088 Far offset, hole 3, 450g.

2089 Near offset, hole 3, 450g.

2090 P Wave

2091 S Wave

Charging

481.5 m to 551.5 m

2092 S Wave

2093 P Wave

2094 No Data

2095 No Data

2096 No Data

2097 No Data

2098 No Data

2099 Far offset - <sup>hole 3</sup> High Noise

Long Move 2100 Near offset, hole 3 - good records

406.5 - 476.5

4:55

2101 Far offset, hole 3, 450g.

2102 Near offset, hole 3

2103 P - wave

2104 S - wave

401.5 - 471.5 m

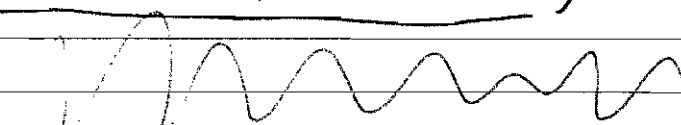
2105 S - wave

5:05

2106 P - wave

2107 Far offset, hole 3, 450g

2108 Near, hole 3, 450g.



# FLIN FLON

Fridg Oct 13

Date

2006

326.5 - 396.5

- 2109 Fan offset, hole 3, 450g 5:24
- 2110 Near, #13, 450g
- 2111 P wave
- 2112 S wave
- 2113 S wave, repair.

321.5 - 391.5

- 2114 S wave, 5:40
- 2115 P wave
- 2116 Fan offset, hole 3, 450g
- 2117 Near, hole 3, 450g

246.5 - 316.5

- 2118 Fan offset, hole 3, 450g
- 2119 Near, hole 3 450g - saturation
- 2120 P wave
- 2121 S wave

241.5 - 311.5

- 2122 S wave
- 2123 P wave
- 2124 Near, hole 3, 300g
- 2125 Fan; hole 3, 450g, Weak - Noise @ 22.25.

166.5 - 236.5

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- 2126 Fan offset BUT Vibe Ran 450g
- 2127 Near offset, 300g hole 3
- 2128 Fan offset, 450g, hole 3
- 2129 S. Vib. - missed one tripe
- 2130 Vibe - repair
- 2131 P wave

Last shots @ 4Q66W3

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161.5 - 231.5

9:11

2132 S wave.

2133 P wave

2134 Far offset, 450c, hole 3

2135 Near, 150g, hole 3

All above data in 061013\_4Q66W3

END OF VSP

# Walk away

Directed 061014 4Q66W3

Date Oct 14/2006

Shear Wave Vibe.

985 - 1055 m  
depth.

CH 9 = Pilot.

CH 25-48 = Downhole

CH 49-72 = Surface phones

STN Sweeps

3000	244	5	Weak-high 60Hz
3001	244	8	noise 3:25 pm.
3002	243	8	High noise.
3003	243	8	
3004	242	8	
3005	241	8	
3006	240	8	<u>Correlated</u>
3007	240	1	Uncorrelated
3008	240	1	1 ms for 11 seconds
3009	240	1	8 second sweep.
3010	240	1	
3011	240	1	
3012	239	1	No DATA
3013	239	1	"
3014	239	1	"
3015	239	1	"
3016	239	1	"
3017			No DATA Radio Probs Charge Box on Vibe
3018	239	1	11 second, 8 sec sweep
3019	239	1	
3020	"	"	
3021	"	"	
3022	"	"	

Shear Vibe

Walkway

Oct 14/06

Date

FILE	SP	STK	Date
3023	238	1	Uncorrelated
3024	238	1	
3025	238	1	
3026	238	1	
3027	238	1	
3028	237	1	
3029	237	1	
3030	"	1	
3031	"	1	
3032	"	1	
3033	236	1	
3034	236	1	
3035	236	1	
3036	"	1	
3037	"	1	
3038	235	1	
3039	"	1	
3040	"	1	
3041	"	1	
3042	"	1	
3043	234	1	
3044	"	1	
3045	"	1	
3046	"	1	
3047	"	1	
3048	233	1	
3049	"	1	
3050	"	1	
3051	"	1	
3052	"	1	

shear Vibe

SP

stk

Date

3053	232	1
3054	"	1
3055	"	1
3056	"	1
3057	"	1
3058	231	1
3059	"	1
3060	"	1
3061	"	1
3062	"	1
3063	230	1
3064	"	1
3065	"	1
3066	"	1
3067	"	1
3068	229	1
3069	"	1
3070	"	1
3071	"	1
3072	"	1
3073	228	1
3074	"	1
3075	"	1
3076	"	1
3077	"	1
3078	NO Data.	

Move to Tailings for  
dynamic test.

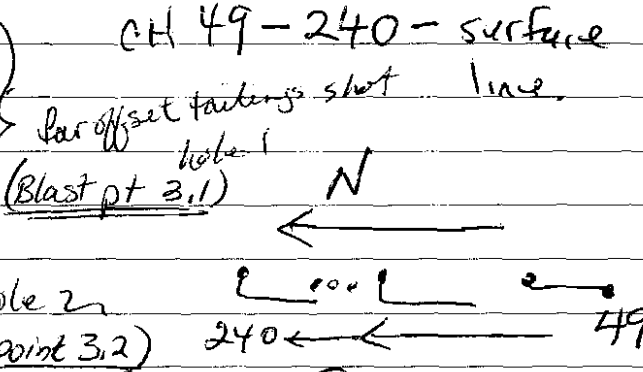
# Tailings Noise Test - Dynamite

Date

Oct 14/2008

Director 0610H-4Q66W3

- 4000 No shot - Vehicle Noise CH 1-48 - dead
- 4001 No shot - Vehicle Noise, not recorded
- 4002 ✓ 150g CH 49-240 - surface
- 4003 Mist fire No data
- 4004 ✓ ~~150g~~ 300g
- 4005 ✓ 450g
- 4006 ✓ 750g -
- 4007 1050g



FFS039 borehole

8 boxes down

0.25 ms for 3 sec.

Blasting at Tailings pond with different dynamite charges for testing 150g (1 boom) had apparently adequate signal. (seen on all traces)



Shear Vibe continued from  
after blasting

Oct 14/06

Date

File

SP

STK

3079

~~227~~ 227

1

on tailings pond.

3080

227

1

3081

"

1

3082

"

1

3083

"

1

~~3084~~

~~226~~ 227

1

3085

226

1

3086

"

1

3087

"

1

3088

"

1

3089

"

3090

225

1

3091

"

1

3092

"

1

3093

"

1

3094

"

1

3095

224

1

3096

"

1

3097

"

1

3098

"

1

3099

"

3100

~~224~~ 224

1

3101

223

1

3102

"

1

3103

"

1

3104

"

1

3105

"

1

3106

"

1

3107

"

1

# Shear Vibe cont

Oct 14/00  
Date

File	SP	SYK
3108	"	1
3109	"	1
3110	"	1
3111	221	1
3112	"	1
3113	"	1
3114	"	1
3115	"	1
3116	220	1
3117	"	1
3118	"	1
3119	"	1
3120	"	1
3121	219	1
3122	" Tim commented	1
3123	" Signal should	1
3124	" look better here	1
3125	"	1
3126	218	1
3127	"	1
3128	"	1
3129	"	1
3130	"	1
3131	218	1
3132	217	1
3133	"	1
3134	"	1
3135	"	1
3136	"	1

perhaps GF is good

Shear Vibe cont.

SP

STK

Date

Oct 14/06

6:05 pm

3137	216	1	
3138	"	1	
3139	"	1	
3140	"	1	
3141	"	1	
3142	215	1	
3143	"	1	
3144	"	1	
3145	"	1	
3146	"	1	
3147	214	1	* No Data *
3148	214	1	
3149	"	1	
3150	"	1	
3151	"	1	
3152	"	1	
3153	213	1	
3154	"	1	
3155	"	1	
3156	"	1	
3157	"	1	
3158	212	1	
3159	"	1	
3160	"	1	
3161	"	1	
3162	"	1	
3163	211	1	
3164	"	1	
3165	"	1	

Shear Vibc cont.

Oct 14/06

Date

File

SP

Stk

3166

"

1

~~3167~~

"

1

3168

210

1

3169

"

1

3170

"

1

3171

"

1

3172

"

1

3173

209

1

3174

"

1

3175

"

1

3176

"

1

3177

"

1

3178

208

1

3179

"

1

3180

"

1

3181

"

1

3182

"

1

3183

207

1

3184

"

1

3185

"

1

3186

"

1

3187

"

1

3188

206

1

3189

"

1

3190

"

1

3191

"

1

3192

"

## Shear Vibe cont.

Date Oct 14/06

File.	SP	STR	
3193	205	1	6:27pm
3194	"	1	
3195	"	1	
3196	"	1	
3197	"	1	
3198	204	1	
3199	"	1	
3200	"	1	
3201	"	1	
3202	"	1	
3203	203	1	
3204	"	1	
3205	"	1	
3206	"	1	
3207	"	1	
3208	202	1	
3209	"	1	
3210	"	1	
3211	"	1	
3212	"	1	
3213	201	1	
3214	"	1	
3215	"	1	
3216	"	1	
3217	"	1	

END OF SHEAR VIBE

END OF LINE → coming back with P. where

## P-Wave Walkaway

Date Oct 14/06.

File	SP	STK	
3218	201	1	No Shake
3219	201	1	
3220	201	1	
3221	201	8	Moving to 3 second correlation.
3222	201	1	11sec @ 1ms sampling uncorr
3223	"	1	
3224	"	1	
3225	"	1	
3226	"	1	
3227	202	1	
3228	"	1	
3229	"	1	
3230	"	1	
3231	"	1	
3232	203	1	
3233	"	1	
3234	"	1	
3235	"	1	
3236	"	1	
3237	204	1	
3238	"	1	
3239	"	1	
3240	"	1	
3241	"	1	
3242	205	1	
3243	"	1	
3244	"	1	
3245	"	1	
3246	"	1	

Oct 14/06  
Date

P-wave

3247	206	
3248	"	
3249	"	
3250	"	
3251	"	
3252	207	
3253	"	
3254	"	
3255	"	
3256	"	
3257	208	
3258	"	
3259	"	
3260	"	
3261	"	
3262	209	
3263	"	
3264	"	
3265	"	
3266	"	
3267	210	
3268	"	
<del>3269</del>	3269	"
<del>3270</del>	3270	"
<del>3271</del>	3271	"
3272	211	
3273	"	
3274	"	
3275	"	

File	SP	STK	P-wave	Date
3276	211	1		Oct 14/06
3277	212	1		
3278	"	1		
3279	"	1		
3280	"	1		
3281	"	1		
3282	213	1		
3283	"	1		
3284	"	1		
3285	"	1		
3286	"	1		
3287	214	1		
3288	"	1		
3289	"	1		
3290	"	1		
3291	"	1		
3292	215	1		
3293	"	1		
3294	"	1		
3295	"	1		
3296	"	1		
3297	215	1	Extra shot caps	
3298	216	1		
3299	"	1		
3300	"	1		
3301	"	1		
3302	"	1	Extra No Data	
3303	217	1	No Data	
3304	217	1		



## P-wave cont

Date Oct 14/06

3305 217 1

3306 " 1

3307 " 1

3308 " 1

3309 218 1

3310 " 1

3311 " 1

3312 " 1

3313 " 1

3314 219 1

3315 " 1

3316 " 1

3317 " 1

3318 " 1

3319 220 1

3320 " 1

3321 " 1

3322 " 1

3323 " 1

3324 221 1

3325 " 1

3326 " 1

3327 " 1

3328 " 1

3329 222 1

3330 " 1

3331 " 1

3332 " 1

3333 " 1

7:55pm  
No DATA (Not armed)

P-wave-cont

Date Oct 14/06

	3334	222	1
3335	223		1
3336	"		1
3337	"		1
3338	"		1
3339	"		1
3340	224		1
3341	"		1
3342	"		1
3343	"		1
3344	"		1
3345	225		1
3346	"		1
3347	"		1
3348	"		1
3349	"		1
3350	226		1
3351	"		1
3352	"		1
3353	"		1
3354	"		1
3355	227		1
3356	"		1
3357	"		1
3358	"		1
3359	"		1
3360	228		1
3361	"		1
3362	"		1

## P-wave cont

Date Oct 14/66

3363	228	1
3364	"	1
3365	229	1
3366	"	1
3367	"	1
3368	"	1
3369	"	1
3370	230	1
3371	"	1
3372	"	1
3373	"	1
3374	"	1
3375	231	1
3376	"	1
3377	"	1
3378	"	1
3379	"	1
3380	232	1
3381	"	1
3382	"	1
3383	"	1
3384	"	1
3385	233	1
3386	"	1
3387	"	1
3388	"	1
3389	"	1

P-wave cont.

Date Oct 14/06

3390	234	→ No DATA ("shootin blanks")
3391	234	1
3392	"	1
3393	"	1
3394	"	1
<del>3395</del>	<del>"</del>	<del>1</del>
3396	235	1
3397	"	1
3398	"	1
3399	"	1
3400	"	1
3401	236	1
3402	"	1
3403	"	1
3404	"	1
3405	"	1
3406	237	1
3407	"	1
3408	"	1
3409	"	1
3410	"	1
3411	238	1
3412	"	1
3413	"	1
3414	"	1
3415	"	1
3416	239	1
3417	"	1
3418	"	1

P-wave cont.

Date Oct 14/11

3419	239	1
3420	239	1
3421	240	1
3422	240	1
3423	240	1
3424	240	1
3425	240	1
<del>3426</del>	241	NO DATA (Screw up)
3427	241	1
3428	"	1
3429	"	1
<del>3430</del>	"	1
<del>3431</del>	<del>241</del>	1
3432	242	1
3433	"	1
3433	"	1
3435	"	1
<del>3436</del>	<del>242</del> 242	1
3437	243	1
3438	"	1
3439	"	1
3440	"	1
3441	"	1
<del>3442</del>	244	1
3443	"	
3444	"	
3445	"	
3446	"	

8:36pm

depth 985-1005m

P-wave cont.

Date Oct 14th

3419	239	1
3420	239	1
3421	240	1
3422	240	1
3423	240	1
3424	240	1
3425	240	1
<del>3426</del>	241	NO DATA (Screw up)
3427	241	1
3428	"	1
3429	"	1
<del>3430</del>	"	1
<del>3431</del>	<del>241</del>	1
3432	242	1
3433	"	1
3433	"	1
3435	"	1
<del>3436</del>	<del>242</del> 242	1
3437	243	1
3438	"	1
3439	"	1
3440	"	1
3441	"	1
<del>3442</del>	244	1
3443	"	
3444	"	
3445	"	
3446	"	

8:36pm

depth 205-1055m

Continue Wallaway,  
P-wave only.

Date Oct 15/2006

F/e.	SP	STK	
3447.	At hole	5	<u>No DATA</u> Begin with
3448			uncorrelated. for test.
			8:10am
	15-250 Hz sweep	500 lbs.	Starting on line
3449	201	1	Uncorrelated
3450	"	1	Pilot is channel 9
3451	"	1	
3452	"	1	
3453	"	1	
3454	202	1	
3455	"	1	
3456	"	1	
3457	"	1	
3458	"	1	
3459	203	1	
3460	"	1	
3461	"	1	8:31am
3462	"	1	
3463	"	1	
3464*	204	1	
3465	"	1	
3466	"	1	
3467	"	1	
3468	"	1	
3469	205	1	
3470	"	1	

P-wave - Walkaway

Sunday

Date Oct 15/06

3471	205	1
3472	"	1
3473	"	1
3474	206	1
3475	"	1
3476	"	1
3477	"	1
3478	"	1
3479	207	1
3480	"	1
3481	"	1
3482	"	1
3483	"	1
3484	208	1
3485	"	1
3486	"	1
3487	"	1
3488	"	1
3489	209	1
3490	"	1
3491	"	1
3492	"	1
3493	"	1
3494	210	1
3495	"	1
3496	"	1
3497	"	1
3498	"	1



P-wave Walkway

File	SP	STK	Sunday	Date Oct 15/06
3499	211	1		
3500	"	1		
3501	"	1		
3502	"	1		
3503	"	1		
3504	212	1		8:46 am
3505	"	1		
3506	"	1		
3507	"	1		
3508	"	1		→ "Pumping up Bladder"
3509	213	1		
3510	"	1		
3511	"	1		
3512	"	1		
3513	"	1		
3514	214	1		
3515	"	1		
3516	"	1		
3517	"	1		
3518	"	1		reflex conversion gone after awry
3519	215	1		
3520	"	1		
3521	"	1		
3522	"	1		
3523	"	1		
3524	216	1		10:02 am
3525	"	1		
3526	"			
3527	"			
3528	"			

File	SP	SK	drainhole channels	Date
3529	217	1	Full of noise	Oct 15/06
3520	217	1	all of the sudden	10:05 am
3531	"	1		
3532	"	1		
3533	"	1		
3534	218	1		
3535	218	1		
3536	"	1		
3537	"	1		
3538	"	1		
3539	219	1		
3540	"	1		
3541	"	1		
3542	"	1		
3543	"	1		
3544	220	1		10:15 am
3545	"	1		
3546	"	1		
3547	"	1		
3548	"	1		
3549	221	1		
3550	"	1		
3551	"	1		
3552	"	1		
3553	"	1		
3554	222	1		
3555	"	1		
3556	"	1		
3557	"	1		
3558	"	1		

File

SP

STK

Date

Oct 15/06

3559

223

1

3560

"

→ Garbage → Vibe crash. No DATA

3561

"

1

3562

"

1

3563

"

1

3564

"

1

3565

"

1

3566

224

1

10:26am

3567

"

1

3568

"

1

3569

"

1

3570

"

1

3571

225

1

3572

"

1

3573

"

1

3574

"

1

3575

"

1

3576

226

1

No Data no good! Not armed

3577

226

1

good! "FALLING MOUSE!"

3578

226

1

AHHH!

3579

226

1

3580

226

1

~~3580~~

~~226~~

~~1~~

3581

~~226~~ 226

1

3582

227

1

3583

"

1

3584

"

1

3585

"

1

3586

"

1

Date Oct 15/06

File SP STK

3587 228 1

3588 " 1

3589 " 1

3590 " 1

3591 " 1

3592 229 1

3593 " 1

3594 " 1

3595 " 1

3596 " 1

3597 230 1

3598 " 1

3599 " 1

3600 " 1

3601 " 1

3602 231 1

3603 " 1

3604 " 1

3605 " 1

3606 " 1

3607 232 1

3608 " 1

3609 " 1

3610 " 1

3611 " 1

18:43

~~3612~~  
~~3613~~  
~~3614~~  
~~3615~~  
~~3616~~



Private New level uncorrelated

Date Oct 15/00

825-895m

New level

10:02 am

3612 201 1

3613 " 1

3614 " 1

3615 " 1

3616 " 1

3617 202 1

3618 " 1

3619 " 1

3620 " 1

3621 " 1

3622 203 1

3623 " 1

3624 " 1

3625 " 1

3626 " 1

3627 204 1

3628 " 1

3629 " 1

3630 " 1

3631 " 1

3632 205 1

3633 " 1

3634 " 1

3635 " 1

3636 " 1

3637 206 1

3638 " 1

3639 " 1

3640 " 1

3641 " 1

P-wave. Vibe

File	SP	STK	Date Oct 16
3642	207	1	
3643	"	1	
3644	"	1	
3645	"	1	
3646	"	1	
3647	208	1	
3648	"	No Data	
3649	"	No Data	
3650	"	No Data	
3651	208	1	Big truck bi
3652	208	1	
3653	208	1	
3654	208	1	
3655	208	1	
3656	209	1	
3657	"	1	
3658	"	1	
3659	"	1	
3660	"	1	
3661	210	1	
3662	"	1	
3663	"	1	
3664	"	1	Truck
3665	"	1	
3666	211	1	
3667	"	1	
3668	"	1	
3669	"	1	
3670	"	1	

Date Oct 16/00

3671	212	1	
3672	"	1	
3673	"	1	
3674	"	1	
3675	"	1	10:27 am
3676	213	1	
3677	"	1	
3678	"	1	
3679	"	1	
3680	"	1	"Nice reflection" - Gillis
3681	214	1	
3682	"	1	
3683	"	1	
3684	"	1	
3685	"	1	
3686	215	1	Runtime error No DATA
3687	"	1	Truck
3688	"	1	
3689	"	1	
3690	"	1	
3691	"	1	
3692	216	1	11:34
3693	"	1	
3694	"	1	
3695	"	1	
3696	"	1	
3697	217	1	
3698	"	1	
3699	"	1	

3700	217	1	
<del>3701</del>	217	1	
3702	218	1	
3703	"	1	
3704	"	1	
3705	"	1	No Data
3706	"	1	No Data
3707	"	1	60 Hz gene 111
3708	"	1	200
3709	"	1	
3710	"	1	
3711	219	1	
3712	"	1	
3713	"	1	
3714	"	1	
3715	"	1	
3716	220	1	
3717	"	1	
3718	"	1	
3719	"	1	
3720	"	1	
3721	221	1	
3722	"	1	
3723	"	1	
3724	"	1	
3725	"	1	
3726	222	1	
3727	"	1	
3728	"	1	



3729	"	1	No Trigger No Data
------	---	---	--------------------

3730	"	1	
------	---	---	--

<del>3731</del>	<del>"</del>	<del>1</del>	<del></del>
-----------------	--------------	--------------	-------------

3732	223	1	
------	-----	---	--

3733	"	1	
------	---	---	--

3734	"	1	
------	---	---	--

3735	"	1	
------	---	---	--

3736	"	1	
------	---	---	--

3737	224	1	"two twenty two plus two" - Markt
------	-----	---	-----------------------------------

3738	"	1	
------	---	---	--

3739	"	1	
------	---	---	--

<del>3740</del>	"	1	
-----------------	---	---	--

3741	"	1	
------	---	---	--

3742	225	1	
------	-----	---	--

3743	"	1	
------	---	---	--

3744	"	1	
------	---	---	--

3745	"	1	
------	---	---	--

3746	"	1	
------	---	---	--

3747	<del>224</del>		No Data
------	----------------	--	---------

3748	226	1	
------	-----	---	--

3749	"	1	
------	---	---	--

3750	"	1	
------	---	---	--

3751	"	1	
------	---	---	--

3752	"	1	
------	---	---	--

3753	227	1	
------	-----	---	--

3754	"	1	
------	---	---	--

3755	"	1	
------	---	---	--

3756	"	1	
------	---	---	--

3757	"	1	
------	---	---	--

Date

3758	228		12:00 pm
3759	228		
3760	"		
3761	"		
3762	"		
3763	229		
3764	"		
3765	"		
3766	"		
3767	"		
3768	230		
3769	"		
3770	"		
3771	"		
3772	"		
3773	231		
3774	"		
3775	"		
3776	"		
3777	"		No Data Garbage
3778	"		
3779	232		
3780	"		
3781	"		
3782	"		
3783	"		12:09 pm
3784	233		
<del>3785</del>			

P-wave Vibe Walkaway

Date Oct 15/06

3785	201	1	New level.	Uncorrelated Records
3786	"	1	715 → 815m	
3787	"	1		
3788	"	1		
3789	"	1		
3790	202	1		
3791	"	1	No DATA	
3792	"	1		
3793	"	1		
3794	"	1		
3795	202	1		
3796	203	1		
3797	"	1		
3798	"	1		
3799	"	1		
3800	"	1		
3801	204	1		
3802	"	1		
3803	"	1		
3804	"	1		
3805	"	1		
3806	205	1		
3807	"	1		
3808	"	1		
3809	"	1		
3810	"	1		

# P-wave walkaway

Date Oct 15/06

3811	206	1	
3812	"	1	
3813	"	1	
3814	"	1	
3815	"	1	
3816	207	1	
3817	"	1	
3818	"	1	
3819	"	1	
3820	"	1	
3821	208	1	
3822	"	1	
3823	"	1	
3824	"	1	
3825	"	1	
3826	209	1	
3827	"	1	No Data
3828	"	1	No Data
3829	"	1	No Data
3830	"	1	No Data
3831	<del>209</del>	1	No Data
3832	209	1	
3833	"	1	
3834	"	1	
3835	"	1	
3836	"	1	
3837	210	1	
3838	"	1	
3839	"	1	

File

P-wave Walkway

Date Oct 15/06

3840	210	1	
3841	210	1	
3842	211	1	
3843	"	1	
3844	"	1	
3845	"	1	
3846	"	1	
3847	212	1	No Data
3848	"	1	No Data
3849	"	1	
3850	"	1	
3851	"		No Data
3852	213	1	
3853	"	1	
3854	"	1	
3855	"	1	
3856	"	1	
3857	"	1	maybe garbage
3858	214	1	
3859	"	1	
3860	"	1	
3861	"	1	
3862	"	1	
3863	215	1	
3864	"	1	
3865	"	1	
3866	"	1	
3867	"	1	

File	SP	P-wave Walkaway	Date
3868	216	1	Oct 15 2006
3869	"	1	
3870	"	1	
3871	"	1	
3872	"		
3873	217	1	
3874	"	1	
3875	"	1	
3876	"	1	
3877	"	1	
3878	218	NO DATA	Software shutdown in Vibe
3879	218	Yes!	
3880	"	1	
3881	"	1	
3882	"	1	
3883	"	1	
3884	219	1	
3885	"	1	
3886	"	1	
3887	"	1	
3888	"	1	
3889	220	1	
3890	"	1	
3891	"	1	
3892	"	1	
3893	"	1	
3894	221	1	
3895	"	1	

Date 07/15

3896	221	1
3897	"	
3898	"	
3899	222	1
3900	"	1
3901	"	1
3902	"	1
3903	"	1
3904	223	1
3905	"	1
3906	"	1
3907	"	1
3908	"	1
3909	224	1
3910	"	1
3911	"	1
3912	"	1
3913	"	1
3914	225	→ No DATA
3915	"	1
3916	"	1
3917	"	1
3918	"	1
3919	225	1
3920	226	1
3921	"	1
3922	"	1
3923	"	1
3924	"	1

P-wave Walkaway

Date Oct 15/66

3925	227	1
3926	"	1
3927	"	1
3928	"	1
3929	"	1
3930	228	1
3931	228	1
3932	"	1
3933	"	1
3934	"	1
3935	229	1
3936	"	1
3937	"	1
3938	"	1
3939	"	1
3940	230	1
3941	"	1
3942	"	1
3943	"	1
3944	"	1
3945	231	1
3946	"	1
3947	"	1
3948	"	1
3949	"	1
3950	232	1
3951	"	1
3952	"	1
3953	"	1
3954	"	1

1:54 pm  
END  
WAW



# Reflection Line on Tailings Pond.

Oct 15/2006

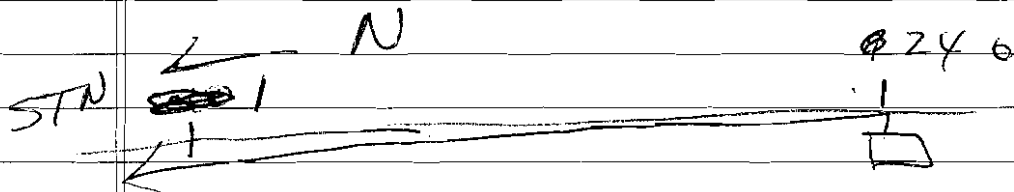
Directory = 061015 - Tailings

Date

8 sec sweep, 3 second listen, 1 m sample.

CH 9 = Pilot. CH 1-8, 10-48 = Dead.

CH 49-240 (8x24) = Live



4 m spacing - Same geometry of line as for Tailings Noise Test.

Vibe 15-250 Hz, 8 seconds linear 5500 lbs force.

File	SP	Station	STK	Comments
	1	1	5	STK 4, Smirrol
				Charge out Box 273 - connector <u>problems?</u>
5001				- NO DATA
5002				- NO DATA
5003	1	1	5	Channel 169-192 poor - tried connecty -
5004	2	7	5	
5005	3	13	"	
5006	4	19	"	
5007	5	25	"	
5008	6	31	"	
5009	7	37	"	
5010	8	43		

# Tallins Reflection

Oct 15/2006

File	SP	STATION	STK	Date
5011	9	49	5	
5012	10	55	4	
5013	11	61	5	
<del>5014</del>	12	67	5	
5015	13	73	<span style="border: 1px solid black; border-radius: 15px; padding: 2px;">Strange Noise - Mine Blast?</span>	
5016	14	79		
5017	15	85	5	
5018	16	91	5	
5019	17	97	5 Noise - truck, stk 2.	
<u>5020</u>	18	103	5 Noise - steel 3, Last Sweep 4.	
5021	19	109	1	Traffic band - go
5022	<del>20</del> "	<del>115</del>	Traffic <del>band</del> - <del>to</del> STK = (	
5023	<del>21</del> "	<del>121</del>		
5024	<del>22</del> "	<del>127</del>		
5025	<del>23</del>	<del>133</del>		
5026	<del>20</del>	<del>109</del> 115		
5027	"	"		
5028	"	"	Truck	
5029	"	"		
5030	"	"		
5031	21	121		
5032	"	"		
5033	"	"	Truck	
5034	"	"		
5035	"	"		
5036	22	127	Truck	
5037	"	"		
5038	"	"		
5039	"	"		
5040	"	"		

Tailings Pond Refl. Sunday Oct 15/2006

5041 - NO DATA - Air Shot

Date

5042	23	133	1	
5043	"	"		Truck on line
5044	"	"		
5045	"	"		Truck on N side.
5046	"	"		
5047	"	"		
5048	24	139	1	Truck on line
5049	"	"	1	
5050	"	"		
5051	"	"		
5052				
5053	25	145	1	
5054	25	145	1	
5055	25	145	1	
5056	25	145	1	
5057	25	145	1	
5058	26	151	1	
5059	26	151		Truck on right
5060	26	151	1	NO DATA
5061	26	151	1	
5062	26	151	1	
5063	26	151	1	
5064	27	157		
5065	27	157		
5066	27	157		
5067	27	157		
5068	27	157		

R/L

SP

→ 1 skipped this station

Date

R/L	SP		
	<del>29</del> (29)	163	
5069	<del>29</del> 29	169	Skipped prev. sp cause in the road
<del>5070</del>	29	169	
<del>5071</del>	29	169	
5072	29	169	
5073	29	169	
5074	30	175	
5075	30	175	
5076	30	175	
5077	30	175	
5078	30	175	Truck on line (right)
5079	31	181	
5080	31	181	
5081	31	181	
5082	31	181	
5083	31	181	
5084	32	187	"interesting reflection"
5085	<del>32</del> 32	187	at crossing
5086	<del>32</del> 32	187	consistent across maybe
5087	<del>32</del> 32	187	previous 10 records.
5088	<del>32</del> 32	187	
5089	33	193	
5090	33	193	
5091	33	193	
5092	33	193	
5093	33	193	

Date Oct 15/06

larger offsets

position unknown

5094	34 FO1	offline 1	
5095	FO1	offline 1	
5096	FO1	off 1	
5097	FO1	off 1	Mistrigger x/o DATA
5098	FO1	off 1	8:38pm
5099	FO1	off	truck on left
5100	FO2	2	
5101	FO2	2	
5102	FO2	2	
5103	FO2	2	
5104	FO2	2	
5105	FO3	3	truck on "deline" → looks acceptable.
5106	FO3	3	truck on line Middle
5107	FO3	3	
5108	FO3	3	
5109	FO3	3	
5110	FO3	3	
5111	FO4	4	
5112	FO4	4	Truck on North (right)
5113	FO4	4	
5114	FO4	4	
5115	FO4	4	
5116	FO5	5	
5117	FO5	5	
5118	FO5	5	
5119	FO5	5	
5120	FO5	5	

SP  
FOG

9TK  
6 offline

Date Oct 15/06

5121

5122

5123

5124

5125

~~No good  
Signal~~

## Move to New Site

### Setup

CH9 = Pilot  
CH25-72-ON (48 channels).

### Dynamite Set.

#### 1. System - Trigger Options

0.2, Auto, Sens = mid.  
Master = Line #1, Geode = #2

2. Acq - Correl off.

3. Acq - 0.25 ms, 3 sec

4. Acq - Stack = 1

### Vibe Setup.

1. System - Trigger - high, Geode = #1

2. Sample - 1.00 ms, 3 sec

3. ON, Pilot = 9, Length = 8, Lister = 3

4. Stack = 5, STACK AFTER.

Borehole FFM001 - Near Campground,

Date Oct 16/2006

CH 9 = Pilot.

CH 25-48 = Downhole

CH 49-72 = Surface Line

receiver depths. 1695-1765m

stk

File	SP	stk
<del>6001</del> 5122	near	1 3 boosters (should be 6001) 5122
6002	far	1 3 boosters very weak signal
6003	vibe	5 correlated
6004	vibe	1 uncorrelated
6005	vibe	1 uncorrelated
6006	vibe	1
6007	vibe	1
6008	vibe	1
6009	far	1 same level as above 1695-1765m
6010	far	1 No DATA (did not trigger) blew off with 3 boosters (3 boosters) to be stacked with file 6002

depths ~~1695-1765m~~ 1690-1760m

6011	near	1 3 boosters
6012	far	1 5 boosters
6013	vibe	1 NO DATA (vibe computer off)
6014	vibe	1
6015	vibe	1
6016	vibe	1
6017	vibe	1
6018	vibe	1
6019	vibe	1

1610 -

Flu  
6020

Vibe

depths 1615-1685m

Date Oct 16/06

6021

Vibe

tube waves saturated

6022

Vibe

6023

Vibe

6024

Vibe

6025

Vibe

tube waves saturated

6026

Vibe

6027

Far

5 boosters

6028

near

3 boosters

depths 1610-1680m

6029

Far

5 boosters

6030

near

3 booster

6031

Vibe

6032

Vibe

6033

Vibe

6034

Vibe

6035

Vibe

depths 1535-1605m

6036

Vibe

6037

Vibe

6038

Vibe

tube waves saturated

6039

Vibe

6040

Vibe

6041

far

6042

near

depth 1530-1600m

6043

far

5 boosters

6044

near

3 boosters

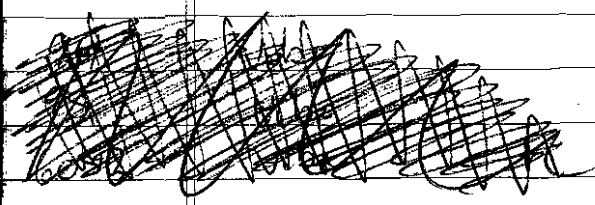


FEM-001 Campground continued.

File	Stn	stack	Date Oct 16/06
6045	Vibe	/	New Vibe location farther
<del>6046</del>	Vibe	/	away
6047	Vibe	/	
6048	Vibe	/	
6049	Vibe	/	

Tandhu 1!

depths 1455-1525m



on 6/6's computer

6050	Vibe	/	
6051	Vibe	/	
6052	Vibe	/	
6053	Vibe	/	
6054	Vibe	/	
6055	far	/	last shot on this hole.
6056	near	/	

depths. 1450-1520m

6057	far	/	New hole.
6058	near	/	
6059	Vibe	/	
6060	Vibe	/	
6061	Vibe	/	
6062	Vibe	/	
6063	Vibe	/	

*[Handwritten signature]*

File

Stn

Stack

Date Oct 16 20

depths. 1375-1445m

6064	Vibe	1
6065	Vibe	1
6066	Vibe	1
6067	Vibe	1
6068	Vibe	1
6069	far	1
6070	near	

depths 1370-1440m

6071	far <del>near</del>	1
6072	near	1
6073	Vibe	1
6074	Vibe	1
6075	Vibe	1
6076	Vibe	1
6077	Vibe	1
6078	Vibe	1

→ Garbage No data

depths. 1295-1365

noise levels decreased

6079	Vibe	1
6080	Vibe	1
6081	Vibe	1
6082	Vibe	1
6083	Vibe	1
6084	far	1
6085	near	1

FFM-001

Date Oct 16/06

File	STN	STACK	
			depths 1290-1360m
6086	far	1	
6087	near	1	
6088	vibe	1	
6089	vibe	1	
6090	vibe	1	
6091	vibe	1	
6092	vibe	1	
			depths 1215-1285m
6093	vibe	1	
6094	vibe	1	
6095	vibe	1	
6096	vibe	1	Funny → No DATA.
6097	vibe	1	Funny → No DATA.
6098	vibe	1	
6099	far	1	
6100	near	1	Good Record.
			depths 1210-1280m
6101	far	1	
6102	near	1	
6103	vibe	1	
6104	vibe	1	
6105	vibe	1	
6106	vibe	1	tube waves
6107	vibe	1	tube waves
6108	vibe	1	

File

STN

Stack

Date Oct 16/06

1135-1205m

New hole on  
near dynamite

6109

Vibe

1

6110

Vibe

1

6111

Vibe

1

6112

Vibe

1

6113

Vibe

1

6114

Far

1

6115

near

1

New hole

1130-1200m

6116

Far

1

6117

near

1

6118

Vibe

1

noise levels are nice.

6119

Vibe

1

6120

Vibe

1

6122

Vibe

1

↙  
moving back hoe → creep

6123

Vibe

1

6124

Vibe

1

1055-1125m

6125

Vibe

1

6126

Vibe

1

6127

Vibe

1

6128

Vibe

1

6129

Vibe.

1

6130

Far

1

Not the greatest

6131

near

1

1.430 → 1.440

1.420

1.450

70m

1.440-1.430 ~~1.430~~

Date

depth 1050-1120

G132	far	1	tube wave interception
G133	near	1	
G134	far	1	last hole. last shot this hole.
G135	vibe	1	
G136	vibe	1	
G137	Vibe	1	
G138	Vibe	1	
G139	Vibe	1	

depth ~~975~~ 975-1045m

G140	Vibe	1
G141	Vibe	1
G142	Vibe	1
G143	Vibe	1
G144	Vibe	1
G145	far	1
G146	near	1

First shot next hole (#3)

depth 970-1040m

G147	far	1
G148	near	1
G149	Vibe	1
G150	Vibe	1
G160	Vibe	1
G161	Vibe	1
G162	Vibe	1

notes

1.415 - 1.435

6:04pm

0

File	STN	Stack	Date
6153	far	1	depths 895-965 m
6154	near	1	
6155	vibe	1	
6156	vibe	1	
6157	vibe	1	
6158	vibe	1	
6159	vibe	1	6:19pm

NEW DAY

end of day

Oct 17/66

6160	vibe	1
6162	vibe	1
6162	vibe	1
6163	vibe	1
6164	vibe	1
6165	far	1
6166	near	1

depths 890-960m

8:29am

calculating velocity of far  
70 m

1.412 - 1.4015 s

$\frac{70m}{0.0105s} = 6666.67 \text{ m/s}$

6167	far	1
6168	near	1
6169	vibe	1
6170	vibe	1
6171	vibe	1
6172	vibe	1
6173	vibe	1

New depths 885-885m

Depths 810 - 880 m

Date Dec 17/06

File	STN	STACK	
6174	Vibe	1	
6175	Vibe	1	
6176	Vibe	1	
6177	Vibe	1	
6178	Vibe	1	
6179	Par	1	
6180	Near	1	New hole → saturating downhole
depths 735m - 805m			
6181	Par	1	5 boosters (same)
6182	near	1	3 boosters
6183	Vibe	1	
6184	Vibe	1	
6185	Vibe	1	tube wave destroyed it
6186	Vibe	1	
6187	Vibe	1	
6188	Vibe	1	
depth 730 - 800			
6189	Vibe	1	no data
6190	Vibe	1	tube wave No data
6191	Vibe	1	No Data No triggers
6192	Vibe	1	" "
6193	Vibe	1	" "
6194	Vibe	1	
6195	Vibe	1	
6196	Vibe	1	
6197	Vibe	1	
6198	Vibe #	1	
6199	Par		5 boosters
6200	near		2 boosters

depths 655-725

Date Oct 17/06

File	STN	STACK		
0201	far	Resheet	5 boosters	bad data
0202	near	Resheet	2 boosters	bad data.
0203	near	1		
0204	far	1		
0205	Vibe	1		
0206	Vibe	1		
0207	Vibe	1		
0208	Vibe	1		
0209	Vibe	1		

depths 650-720

0210	Vibe	1		
0211	Vibe	1		
0212	Vibe	1		
0213	Vibe	1		
0214	Vibe	1		
0215	far	1	5 boosters	
0216	near	1	2 boosters	

depths. 575-645

0217	far	1		
0218	near	1		0.0105
0219	Vibe	1		70m 066
0220	Vibe	1		1.3780 - 1.3675s
0221	Vibe	1		tube waves 70% @ 0.155s = 4500m/s
0222	Vibe	1		No Data (tube waves)
0223	Vibe	1		<del>No Data</del>
0224	Vibe	1		
0225	Vibe	1		



File	STN	STACK	Date
			07/17/06
			depth 570-640m
6226	Vibe	1	-> tube wave
6227	Vibe	1	tube wave
6228	Vibe	1	tube wave
6229	Vibe	1	tube wave
6230	Vibe	1	tube wave
6231	Vibe	1	tube wave.
6232	Vibe	1	good record
6233	<del>far</del> far	1	changing hole's last sh. #3
6234	<del>near</del> near	1	last sh
			<del>495</del> 495 to 565m
			Hole #4
6235	far		
6236	<del>near</del> near	1	New hole ("Fresh hole") mmm!
6237	Vibe	1	
6238	Vibe	1	
6239	vibe	1	
6240	vibe	1	
6241	vibe	1	
<del>6242</del>			490m to 560m
6242	Vibe	1	
6243	Vibe	1	
6244	Vibe	1	
6245	Vibe	1	
6246	Vibe	1	
6247	far	3	
6248	near		

File	str	stack	
6249	far	1	depth 415-485m
6250	near	1	2 booster
6251	Vibe	1	↳ next shot only 1 booster
6252	Vibe	1	
6253	Vibe	1	
6254	Vibe	1	
6255	Vibe	1	

depths 410-480m

6256	Vibe	1	
6257	Vibe	1	
6258	Vibe	1	
6259	Vibe	1	
6260	Vibe	1	extra Vibe → 6261
6262	far	1	6261 Vibe 6262 far 6263 near
6263	near	1	5th hole 1 booster

problem. → figured out

~~6263~~

		1	235-405m	70m
6264	far	1		10339 - 10328.5
6265	near	1		70m = 6363 m/s
6266	Vibe	1		0.011s
6267	Vibe	1		
6268	Vibe	1		
6269	Vibe	1		
6270	Vibe	1		

File

Stn

Stack

Date Oct 17/06

depths 330m-400m

6271 Vibe 1

6272 Vibe 1

6273 Vibe 1

6274 Vibe 1

6275 Vibe 1

6276 far 1 → No Data

6277 near 1 → Not good signal downhole

→ need to charge the receivers 10-15min

~~6278 far 1 → refreshing fast one was not~~

~~(6276)~~

time: 12:51pm

6277 No Data No Data

6278 No Data

6279 far 1 Good Data

6280 near 1 Good Data

End of VSP.

Wal-Mart line (surface)

Date Oct 17/06  
2:09pm

6281 Noise 1  
 6282 ~~FFA~~ far 1 "Went good" 5 boosters.  
 6283 near 1

Vibrating along the line.

Field rec #	Ground Station #	SP #	Stack
7001	1	1	1
7002	1	1	1 <u>No Data</u>
7003	1	1	1 <u>No Data</u>
7004	1	1	1 good
7005	1	1	1
7006	1	1	1
7007	1	1	1
7008	1	1	1
7009	1	1	1 No Data
7010	1	1	5
7011	1	1	3
7012	1	1	1
7013	1	1	1
7014	1	1	1
7015	1	1	5
7016			testing
↓			
7023	1	1	5 stack before
7024	1	1	5

1 2 3 4 5 6 7 8 9  
 P 4 0 0 12 16 20 24 28

Sold Rec	SP	Ground St.	Stack	Date Oct 1966
7025	2	6	5	stack before
				first shot not on pavement the rest will be!
7026	2	6	5	Stack After
				on pavement
7026	3	11	5	Stack After
7027	4	16	5	"
7028	5	26	5	"
7029	6	21	5	"
7030	7	26	5	"
7031	8	31	5	"
7032	9	36	5	"
7033	10	41	5	"
				start of sweep
7034	11	46	5	"
				sounds like its bouncing on plywood @ lower freqs
7035	12	52	10	" testing 10 stacks
7036	13	56	5	"
7037	13	56	5	redo mulligan

9  
0  
32

10  
Δ  
34

11  
Δ  
40

12  
Δ

13  
Δ

14  
Δ

15  
Δ

16  
Δ

Date Oct 17/06

Fld Rec	SP	GS	Stack	
7038	14	61	5	"All Stack After"
7039	15	66	5	↓
7040	16	71	5	interesting shot gather good hyperbolas
7041	17	76 <del>77</del>	5	
7042	18	81	5	↓
7043	19	86	5	↓
7044	20	91	5	
7045	21	96	5	↓
7046	22	<del>97</del> 101	5	
7047	23	106	5	
7048	24	111	5	
7049	25	116	5	
	<del>26</del>	<del>121</del>		
7050	26	121	5	5:06pm

## Geom. Channel Setup

Channels 1-25 → ~~Nothing~~ Nothing

Channels 25-48 → downhole recorders

Channels 49-60 → surface phones.

We only planted 12 phones on surface for QC purposes.  
not exactly 4m spacing

Channels 60-72 → No phones plugged into spread.

Acquisition Params.

3 sec rec. length

File	SP	Stack	depths 1035-11:05m
8001	far	1	"it went good" Albert 3 boosters
8002	near	1	3 boosters
8003	far	1	depths 1030-1100m
8004	near	1	No Data
8005	near	1	No Data
8006	near	1	No Data
8007	near	1	No Data
8008	near	1	"good"
8009	far	1	955-1025m
8010	near	1	
<del>8010</del> 8011	far	1	950-1020m
8012	near	1	
			875-945m
8013	far	1	
8014	near	1	

File	SP	Stack	Date Oct 18/06
8015	far	1	870-940m
8016	near	1	
8017	far	1	795-865
8018	near	1	watch out → funny record
8019	far	1	790-860
8020	near	1	
8021	far	1	depths. <del>715-785m</del> time: 1:37pm
8022	near	1	715-785m
8023	far	1	depths 7:10-780m
8024	near	1	→ <del>last shot this hole</del>
8025	far	1	635-705m
8026	near	1	last shot this hole.
8027	far	1	630-700m
8028	near	1	first shot this hole. 555-625m
8029	far	1	
8030	near	1	coincident with "tube wave" we are
8031	near	1	re-shooting this level.
8032	near	1	Good! 550m to 620m
8033	far	1	
8034	near	1	
8035	far	1	475-545m 3 boosters
8036	near	1	2 boosters



Date Oct 18/06.

470-540m

8037

far

8038

near

8039

~~near~~

No Data - Reshoot

2 booster

395 to 465m

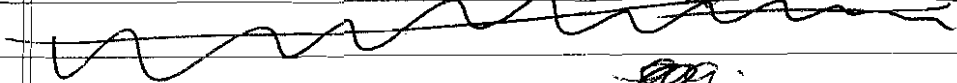
8040

far

8041

near

1 booster hole 3 start -

~~399~~

390-460m

8042

Far.

8043

near

315m - 385m

8044

far

not good.

8045

~~near~~ far

"it went good"

8046

near

1 booster

8047

far

310-380m

8048

near

8049

far

235-305m

8050

near

~~235-300m~~

8051

far

No Data

230-300m

8052

near