Great Bear
Alcor #1

Field: North Slope
County: Barrow
State: Alaska

Survey Type: Zero Offset VSP

Borehole Seismic
Field Report

Prepared For: Jim Stevens
Date: 08/27/12

Submitted by: Jody Sylvester
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Address line 2 New Iberia, LA 70560

HALLIBURTON

Survey report

Survey date	8/27/2012
Job reference	9714060
Type of service	Zero Offset VSP
Country	USA
Oilfield	Wildcat
Well location east	-148* 40' 51.9"
Well location north	69* 59' 25.0"
Rig name	n/a
Rig heading	0 degrees
Datum description	MSL
Seismic datum elevation	at MSL
Well reference level	KB
Reference level elevation	199.0 ft above MSL
Water velocity	5000.0 ft/s
Total Depth	10400
Well deviation	0
Casing details	7" @ 8320
Liner details	4.5 @11000
Wireline contractor	Halliburton
Observer	Jody Sylvester
Client representative	Pablo Headworth
Tool system	ANALOG
Controller type	GSP
Sample interval	1000 us
Tool system zeroed at	Top Receiver
Gamma tool	GRT2
Gamma tool depth offset	55.0 ft
Sinker weight	n/a
Cable adapters	n/a
Additional equipment	n/a

Receiver report

Tool 1

Type	ASR
Sensor pack	FIXED_QUAD
Serial number	331
Depth offset from zero	0.00 ft
Arm	Standard

Tool 2

Type	ASR
Sensor pack	FIXED_QUAD
Serial number	327
Depth offset from zero	50.00 ft
Arm	Standard

Sensor polarity as supplied by Avalon Sciences.

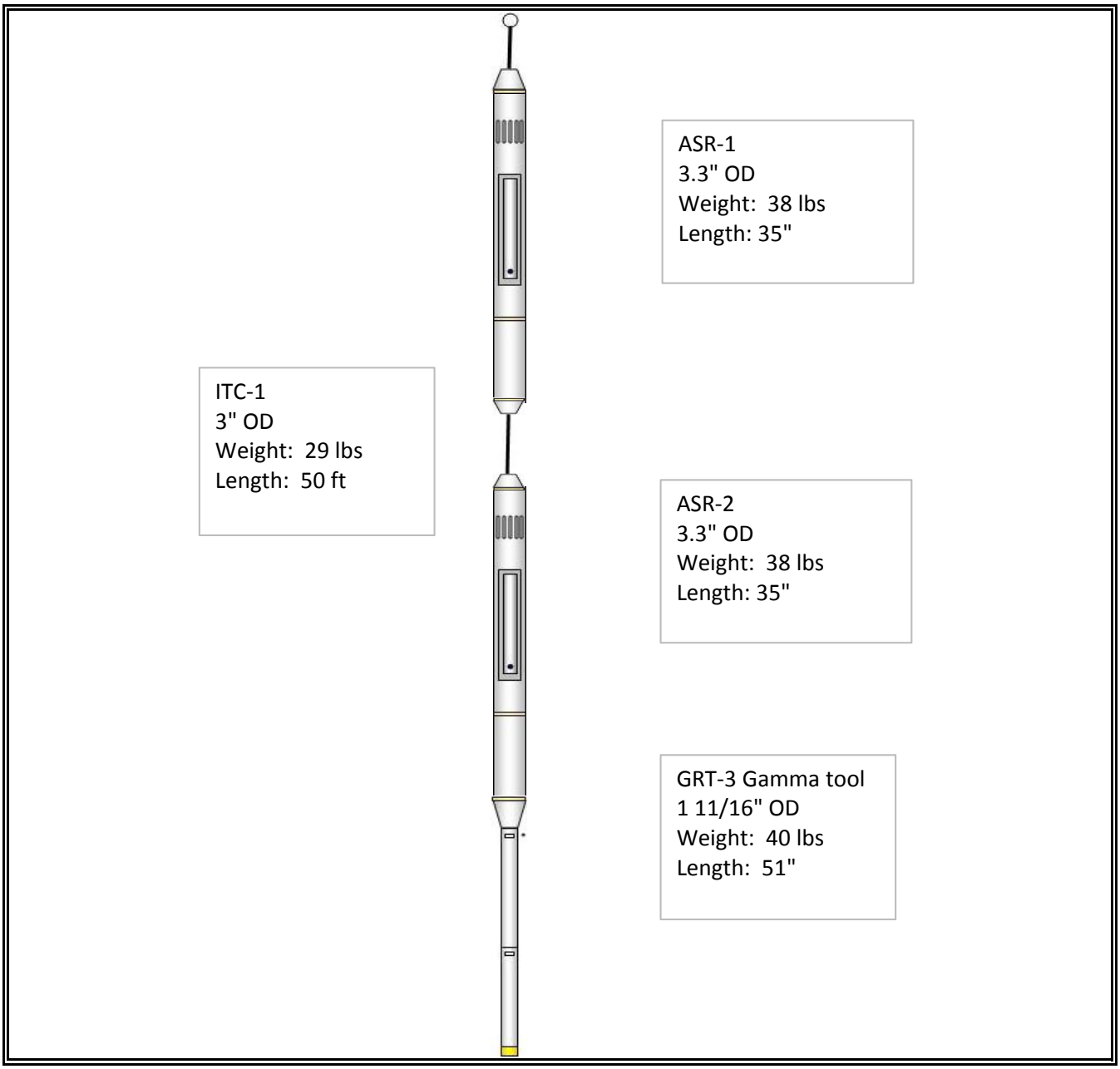
Channel report

Channel allocation			Sensor description	Scaling applied
1	Tool 1	VZ	2xSMC2400-OMNI-15HZ	1.000
2	Tool 1	HX	2xSMC2400-OMNI-15HZ	1.000
3	Tool 1	HY	2xSMC2400-OMNI-15HZ	1.000
4	Tool 2	VZ	2xSMC2400-OMNI-15HZ	1.000
5	Tool 2	HX	2xSMC2400-OMNI-15HZ	1.000
6	Tool 2	HY	2xSMC2400-OMNI-15HZ	1.000
7	Reference	Pilot sweep		1.000
8	Auxiliary	Time break		1.000

Tool Diagram

CLIENT: Great Bear
WELL: Alcor #1
DATE: 08/27/12
RIG: n/a

TOOL TYPE:	Analog
TOOL LENGTH:	60 ft
INTER TOOL SPACING:	50 ft
TOOL WEIGHT:	136 lbs
MAX DIAMETER:	3.3 in
LOCKING ARM SIZE:	Medium



Source 1 report

LAND

Observer	Jahari Allen
Source	Zero Offset VSP, Vibe
SCX (Easting)	-38.0 ft
SCY (Northing)	-313.0 ft
Source control system	Sercel 428
External delay	0.0 ms
Air supply	n/a
Airgun pressure	0 psi
Fire control	RELAY A
Source reference channel	7
Record data length	16000 samples
QC data length	4000 samples
Source reference elevation (SRE)	178.0 ft above MSL
Source depth below SRE	0.0 ft
Monitor	VE 432
Monitor distance from source	0.0 ft
Source environment	Land
Weathering velocity	?
Weathering depth	?
Elevation velocity	6000.0 ft/s
Reference pick	Positive peak
Geophone pick	Negative peak

Vibrator details

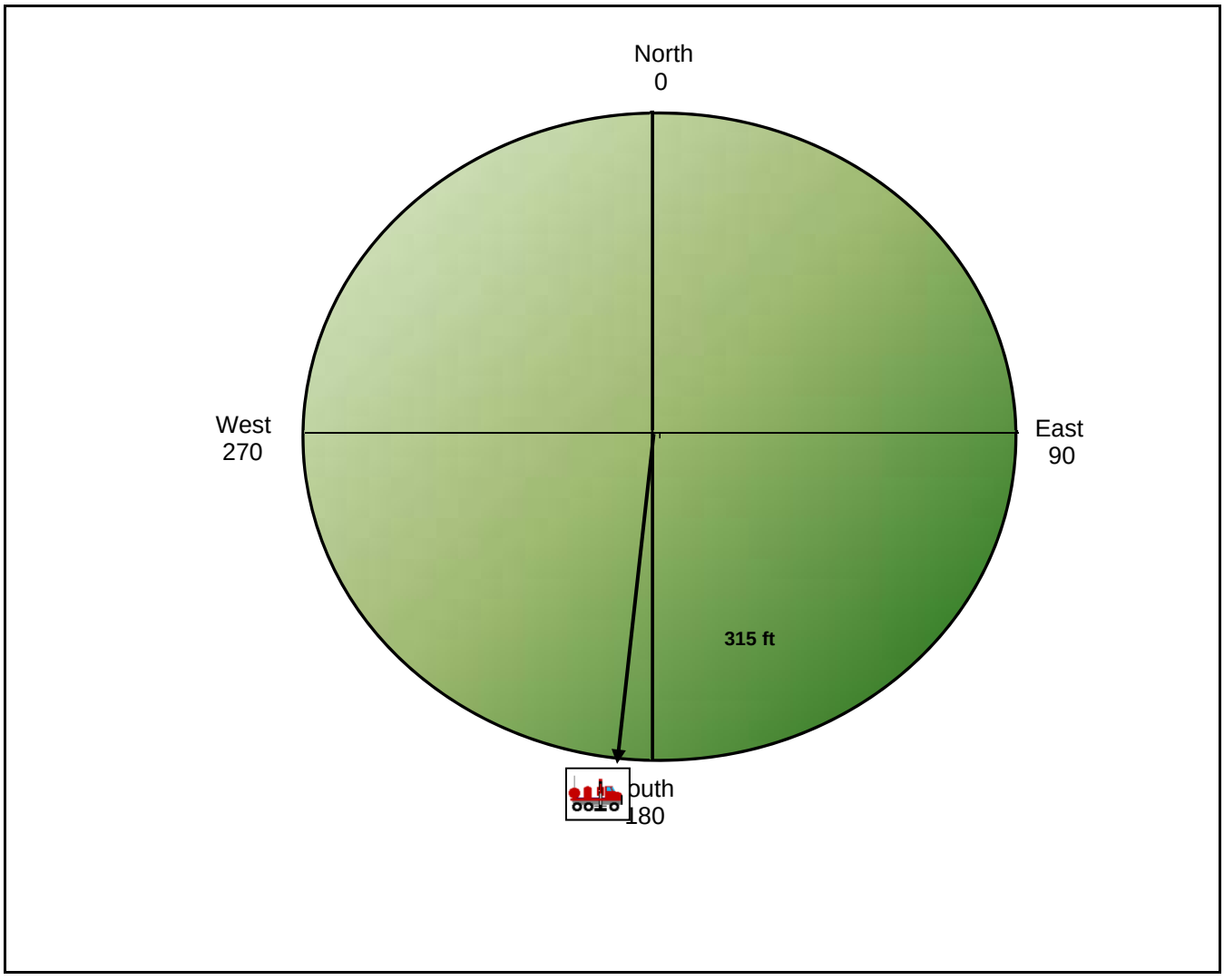
Vibrator electronics	Sercel
Reference sweep generator	ch 7
Sweep period	12000.0 ms
Start frequency	4.0 Hz
End frequency	80.0 Hz
Sweep description	Linear
Start taper period	250.0 ms
End taper period	250.0 ms
Encoder sweep phase	0 degrees
Vibrator sweep phase	0 degrees
Phase locking	Ground force
Vibrator type and unit numbers	I/O AVH-4 362, 14 & 16

Source Diagram

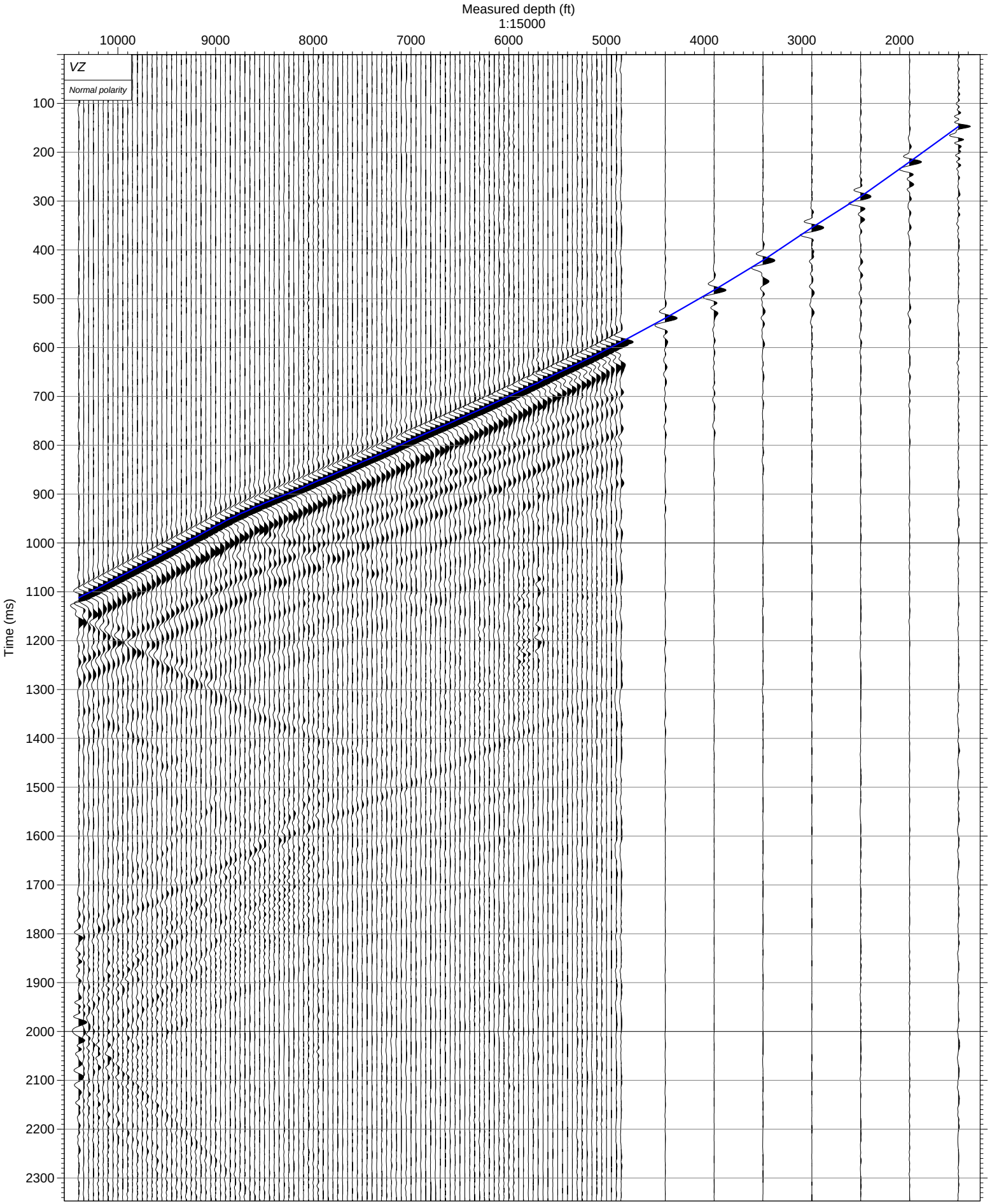
CLIENT: Great Bear
WELL: Alcor #1
DATE: 08/27/12
RIG: n/a

SOURCE DETAILS:		**1**
TYPE:		Vibro
RANGE:	(ft)	315
BEARING:	(degrees)	187
SCX:	(ft)	-38
SCY:	(ft)	-313
Lat:	N	69* 59' 21.9"
Long:	W	148* 40' 53.0"
ELEVATION:	(ft)	178

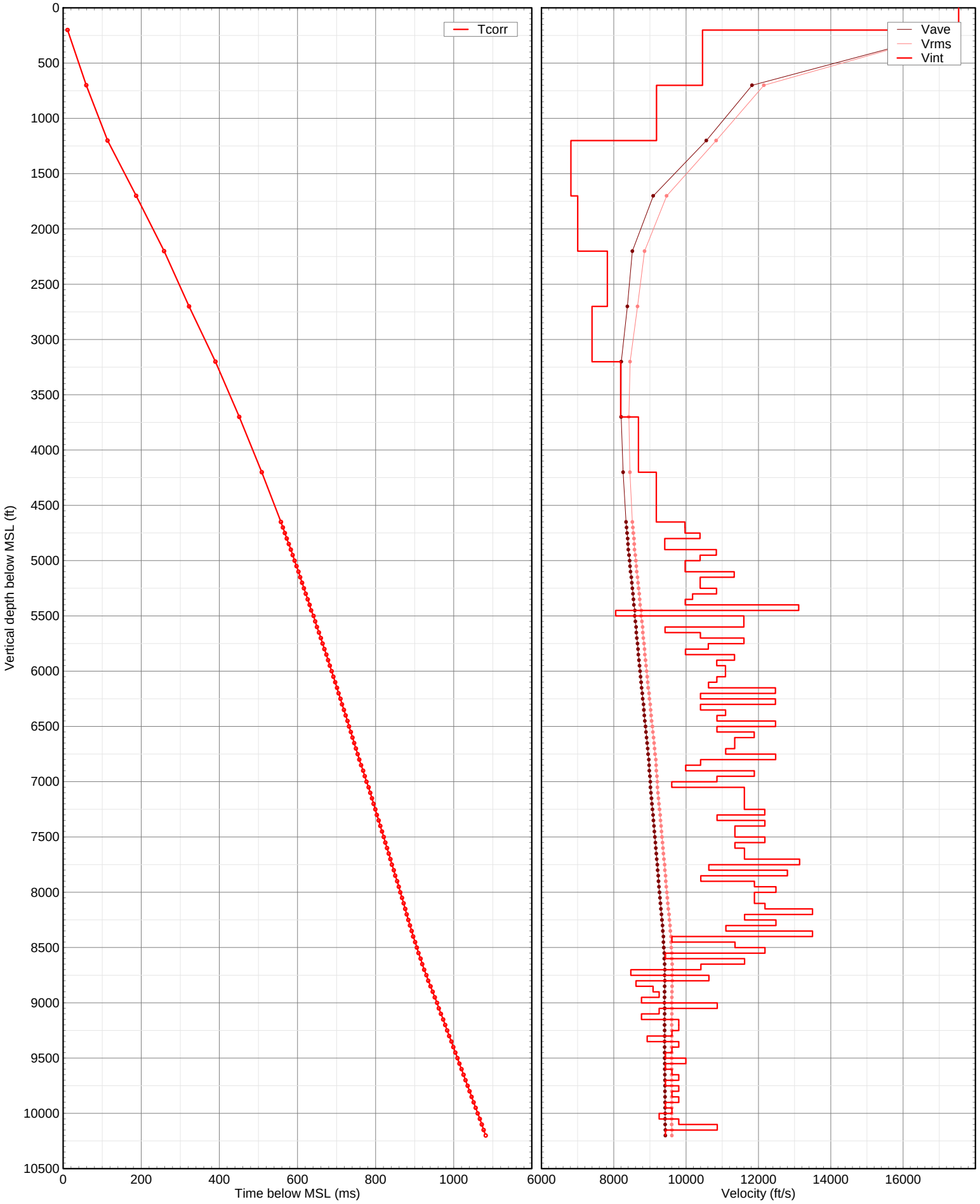
Map View



Stacked Data



Profile


Tcorr
Vave
Vrms
Vint
Vertical depth below MSL (ft)
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500
9000
9500
10000
10500
0
200
400
600
800
1000
Time below MSL (ms)
6000
8000
10000
12000
14000
16000
Velocity (ft/s)

Great Bear Alcor #1

Time Depth Table

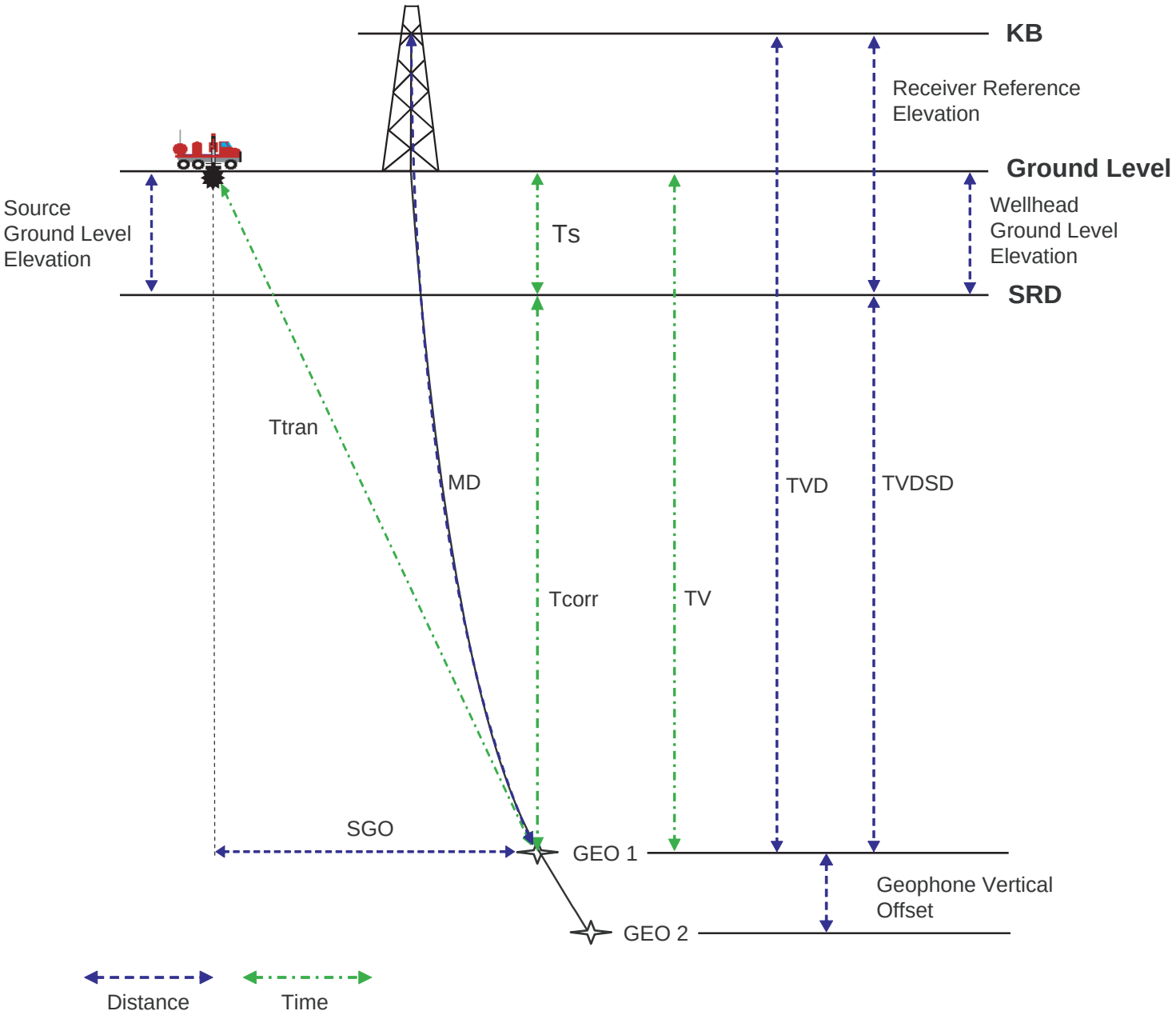
Seismic datum elevation : at MSL
Well reference elevation : 199.0 ft above MSL
Source reference elevation (SRE) : 178.0 ft above MSL
Source depth below SRE : 0.0 ft
Source offset : 315.3 ft
Correction velocity for Ts : 6000 ft/s

MD = Measured Depth of receiver below well reference level (ft)
TVD = True Vertical Depth of receiver below well reference level (ft)
TVDSD = True Vertical Depth of receiver below MSL (ft)
Tpick = Time from reference pick to receiver pick (s)
Tt = Travel time from source to receiver (s)
(Tpick + external reference delay(0.000000) + source to monitor delay)
SGO = Source to receiver lateral offset (ft)
Tv = Vertical time from source to receiver (s)
Ts = Static time correction from source to MSL (s)
Tcorr = Corrected vertical time from MSL to receiver (Tv+Ts) (s)
Vave = Average velocity from MSL to receiver (ft/s)
Vint = Interval velocity (ft/s) above TVDSD
VRMS = RMS velocity
TWT = Two-way vertical time below MSL
SCX/SCY = Source coordinates relative to wellhead (ft)

MD ft	TVD ft	TVDSD ft	Tpick s	Tt s	SGO ft	Tv s	Ts s	Tcorr s	Vave ft/s	Vrms ft/s	Vint ft/s	TWT s	SCX ft	SCY ft
400	400	201	0.0535	0.0535	315.3	0.041128	-0.02967	0.011462	17537	17537	17537	0.022923	-38	-313
900	900	701	0.0945	0.0945	315.3	0.088951	-0.02967	0.059284	11824	12151	10455	0.118568	-38	-313
1400	1400	1201	0.1471	0.1471	315.3	0.143399	-0.02967	0.113733	10560	10832	9183	0.227466	-38	-313
1900	1900	1701	0.2198	0.2198	315.3	0.216769	-0.02967	0.187103	9091	9462	6815	0.374205	-38	-313
2400	2400	2201	0.2907	0.2907	315.3	0.28818	-0.02967	0.258513	8514	8851	7002	0.517027	-38	-313
2900	2900	2701	0.3542	0.3542	315.3	0.352095	-0.02967	0.322428	8377	8657	7823	0.644856	-38	-313
3400	3400	3201	0.4215	0.4215	315.3	0.419677	-0.02967	0.39001	8207	8452	7398	0.78002	-38	-313
3900	3900	3701	0.4823	0.4823	315.3	0.480715	-0.02967	0.451048	8205	8418	8192	0.902096	-38	-313
4400	4400	4201	0.5397	0.5397	315.3	0.538306	-0.02967	0.50864	8259	8448	8682	1.01728	-38	-313
4850	4850	4651	0.5886	0.5886	315.3	0.587349	-0.02967	0.557683	8340	8514	9176	1.115365	-38	-313
4900	4900	4701	0.5936	0.5936	315.3	0.592364	-0.02967	0.562698	8354	8528	9970	1.125395	-38	-313
4950	4950	4751	0.5986	0.5986	315.3	0.597379	-0.02967	0.567712	8369	8542	9971	1.135425	-38	-313
5000	5000	4801	0.6034	0.6034	315.3	0.602194	-0.02967	0.572527	8386	8559	10385	1.145054	-38	-313
5050	5050	4851	0.6087	0.6087	315.3	0.607507	-0.02967	0.577841	8395	8568	9410	1.155681	-38	-313
5100	5100	4901	0.614	0.614	315.3	0.61282	-0.02967	0.583154	8404	8576	9411	1.166307	-38	-313
5150	5150	4951	0.6186	0.6186	315.3	0.617434	-0.02967	0.587768	8423	8596	10836	1.175536	-38	-313
5200	5200	5001	0.6234	0.6234	315.3	0.622248	-0.02967	0.592581	8439	8612	10388	1.185163	-38	-313
5250	5250	5051	0.6284	0.6284	315.3	0.627261	-0.02967	0.597594	8452	8624	9974	1.195188	-38	-313
5300	5300	5101	0.6334	0.6334	315.3	0.632273	-0.02967	0.602607	8465	8636	9975	1.205213	-38	-313
5350	5350	5151	0.6378	0.6378	315.3	0.636687	-0.02967	0.60702	8486	8659	11329	1.21404	-38	-313
5400	5400	5201	0.6426	0.6426	315.3	0.641499	-0.02967	0.611832	8501	8674	10390	1.223664	-38	-313
5450	5450	5251	0.6474	0.6474	315.3	0.646311	-0.02967	0.616644	8515	8688	10391	1.233289	-38	-313
5500	5500	5301	0.652	0.652	315.3	0.650923	-0.02967	0.621256	8533	8706	10841	1.242513	-38	-313
5550	5550	5351	0.6569	0.6569	315.3	0.655834	-0.02967	0.626168	8546	8719	10180	1.252336	-38	-313
5600	5600	5401	0.6619	0.6619	315.3	0.660845	-0.02967	0.631179	8557	8730	9978	1.262358	-38	-313
5650	5650	5451	0.6657	0.6657	315.3	0.664658	-0.02967	0.634991	8584	8763	13114	1.269983	-38	-313
5700	5700	5501	0.6719	0.6719	315.3	0.670867	-0.02967	0.6412	8579	8756	8053	1.2824	-38	-313
5750	5750	5551	0.6762	0.6762	315.3	0.675178	-0.02967	0.645512	8599	8778	11597	1.291023	-38	-313
5800	5800	5601	0.6805	0.6805	315.3	0.679489	-0.02967	0.649823	8619	8800	11598	1.299646	-38	-313
5850	5850	5651	0.6858	0.6858	315.3	0.684799	-0.02967	0.655132	8626	8805	9417	1.310264	-38	-313
5900	5900	5701	0.6906	0.6906	315.3	0.689609	-0.02967	0.659942	8639	8817	10395	1.319885	-38	-313
5950	5950	5751	0.6949	0.6949	315.3	0.693919	-0.02967	0.664253	8658	8838	11599	1.328506	-38	-313
6000	6000	5801	0.6996	0.6996	315.3	0.698629	-0.02967	0.668963	8672	8852	10616	1.337925	-38	-313
6050	6050	5851	0.7046	0.7046	315.3	0.703638	-0.02967	0.673972	8681	8861	9982	1.347944	-38	-313
6100	6100	5901	0.709	0.709	315.3	0.708048	-0.02967	0.678382	8699	8879	11338	1.356763	-38	-313
6150	6150	5951	0.7136	0.7136	315.3	0.712658	-0.02967	0.682991	8713	8894	10847	1.365982	-38	-313
6200	6200	6001	0.7181	0.7181	315.3	0.717167	-0.02967	0.6875	8729	8910	11088	1.375001	-38	-313
6250	6250	6051	0.7226	0.7226	315.3	0.721676	-0.02967	0.692009	8744	8926	11089	1.384019	-38	-313
6300	6300	6101	0.7272	0.7272	315.3	0.726285	-0.02967	0.696618	8758	8940	10849	1.393236	-38	-313
6350	6350	6151	0.7319	0.7319	315.3	0.730993	-0.02967	0.701327	8771	8953	10619	1.402654	-38	-313
6400	6400	6201	0.7359	0.7359	315.3	0.735003	-0.02967	0.705336	8792	8976	12471	1.410672	-38	-313
6450	6450	6251	0.7407	0.7407	315.3	0.739811	-0.02967	0.710144	8802	8987	10399	1.420288	-38	-313
6500	6500	6301	0.7447	0.7447	315.3	0.74382	-0.02967	0.714153	8823	9010	12472	1.428306	-38	-313
6550	6550	6351	0.7495	0.7495	315.3	0.748628	-0.02967	0.718961	8834	9020	10400	1.437922	-38	-313
6600	6600	6401	0.754	0.754	315.3	0.753136	-0.02967	0.723469	8848	9035	11091	1.446938	-38	-313
6650	6650	6451	0.7586	0.7586	315.3	0.757743	-0.02967	0.728077	8860	9047	10851	1.456153	-38	-313
6700	6700	6501	0.7626	0.7626	315.3	0.761752	-0.02967	0.732085	8880	9069	12474	1.46417	-38	-313
6750	6750	6551	0.7672	0.7672	315.3	0.766359	-0.02967	0.736693	8892	9082	10852	1.473385	-38	-313
6800	6800	6601	0.7714	0.7714	315.3	0.770567	-0.02967	0.7409	8909	9100	11883	1.481801	-38	-313
6850	6850	6651	0.7758	0.7758	315.3	0.774974	-0.02967	0.745308	8924	9115	11344	1.490616	-38	-313
6900	6900	6701	0.7802	0.7802	315.3	0.779382	-0.02967	0.749715	8938	9130	11345	1.49943	-38	-313
6950	6950	6751	0.7847	0.7847	315.3	0.783889	-0.02967	0.754222	8951	9143	11094	1.508444	-38	-313
7000	7000	6801	0.7887	0.7887	315.3	0.787896	-0.02967	0.75823	8970	9163	12477	1.516459	-38	-313
7050	7050	6851	0.7935	0.7935	315.3	0.792703	-0.02967	0.763036	8979	9172	10402	1.526072	-38	-313
7100	7100	6901	0.7985	0.7985	315.3	0.797709	-0.02967	0.768042	8985	9177	9988	1.536085	-38	-313
7150	7150	6951	0.8027	0.8027	315.3	0.801916	-0.02967	0.772249	9001	9194	11885	1.544499	-38	-313
7200	7200	7001	0.8073	0.8073	315.3	0.806523	-0.02967	0.776856	9012	9205	10854	1.553712	-38	-313
7250	7250	7051	0.8125	0.8125	315.3	0.811728	-0.02967	0.782062	9016	9208	9605	1.564123	-38	-313
7300	7300	7101	0.8168	0.8168	315.3	0.816035	-0.02967	0.786368	9030	9223	11610	1.572736	-38	-313
7350	7350	7151	0.8211	0.8211	315.3	0.820341	-0.02967	0.790675	9044	9237	11611	1.581349	-38	-313
7400	7400	7201	0.8254	0.8254	315.3	0.824648	-0.02967	0.794981	9058	9252	11611	1.589962	-38	-313
7450	7450	7251	0.8297	0.8297	315.3	0.828954	-0.02967	0.799287	9072	9266	11611	1.598574	-38	-313
7500	7500	7301	0.8338	0.8338	315.3	0.83306	-0.02967	0.803393	9088	9283	12176	1.606787	-38	-313
7550	7550	7351	0.8384	0.8384	315.3	0.837666	-0.02967	0.807999	9098	9293	10856	1.615998	-38	-313
7600	7600	7401	0.8425	0.8425	315.3	0.841772	-0.02967	0.812105	9113	9310	12177	1.62421	-38	-313

MD	TVD	TVDSD	Tpick	Tt	SGO	Tv	Ts	Tcorr	Vave	Vrms	Vint	TWT	SCX	SCY
ft	ft	ft	s	s	ft	s	s	s	ft/s	ft/s	ft/s	s	ft	ft
7650	7650	7451	0.8469	0.8469	315.3	0.846178	-0.02967	0.816511	9125	9322	11349	1.633022	-38	-313
7700	7700	7501	0.8513	0.8513	315.3	0.850583	-0.02967	0.820917	9137	9334	11349	1.641833	-38	-313
7750	7750	7551	0.8554	0.8554	315.3	0.854689	-0.02967	0.825022	9152	9350	12178	1.650045	-38	-313
7800	7800	7601	0.8598	0.8598	315.3	0.859095	-0.02967	0.829428	9164	9362	11349	1.658856	-38	-313
7850	7850	7651	0.8641	0.8641	315.3	0.8634	-0.02967	0.833733	9177	9375	11613	1.667467	-38	-313
7900	7900	7701	0.8684	0.8684	315.3	0.867706	-0.02967	0.838039	9189	9388	11613	1.676078	-38	-313
7950	7950	7751	0.8722	0.8722	315.3	0.871511	-0.02967	0.841845	9207	9408	13138	1.683689	-38	-313
8000	8000	7801	0.8769	0.8769	315.3	0.876216	-0.02967	0.846549	9215	9416	10627	1.693099	-38	-313
8050	8050	7851	0.8808	0.8808	315.3	0.880122	-0.02967	0.850455	9232	9434	12803	1.70091	-38	-313
8100	8100	7901	0.8856	0.8856	315.3	0.884926	-0.02967	0.85526	9238	9440	10406	1.710519	-38	-313
8150	8150	7951	0.8898	0.8898	315.3	0.889131	-0.02967	0.859465	9251	9453	11890	1.71893	-38	-313
8200	8200	8001	0.8938	0.8938	315.3	0.893137	-0.02967	0.86347	9266	9469	12484	1.72694	-38	-313
8250	8250	8051	0.898	0.898	315.3	0.897342	-0.02967	0.867675	9279	9483	11891	1.73535	-38	-313
8300	8300	8101	0.9022	0.9022	315.3	0.901546	-0.02967	0.87188	9291	9496	11891	1.74376	-38	-313
8350	8350	8151	0.9063	0.9063	315.3	0.905651	-0.02967	0.875985	9305	9510	12181	1.751969	-38	-313
8400	8400	8201	0.91	0.91	315.3	0.909356	-0.02967	0.87969	9323	9530	13495	1.759379	-38	-313
8450	8450	8251	0.9143	0.9143	315.3	0.913661	-0.02967	0.883994	9334	9542	11615	1.767989	-38	-313
8500	8500	8301	0.9183	0.9183	315.3	0.917666	-0.02967	0.887999	9348	9557	12485	1.775998	-38	-313
8550	8550	8351	0.9228	0.9228	315.3	0.92217	-0.02967	0.892503	9357	9565	11100	1.785007	-38	-313
8600	8600	8401	0.9265	0.9265	315.3	0.925875	-0.02967	0.896208	9374	9585	13496	1.792416	-38	-313
8650	8650	8451	0.9317	0.9317	315.3	0.931079	-0.02967	0.901412	9375	9585	9608	1.802824	-38	-313
8700	8700	8501	0.9361	0.9361	315.3	0.935483	-0.02967	0.905816	9385	9594	11353	1.811632	-38	-313
8750	8750	8551	0.9402	0.9402	315.3	0.939587	-0.02967	0.909921	9398	9608	12182	1.819841	-38	-313
8800	8800	8601	0.9455	0.9455	315.3	0.944891	-0.02967	0.915224	9398	9607	9428	1.830448	-38	-313
8850	8850	8651	0.9498	0.9498	315.3	0.949195	-0.02967	0.919528	9408	9617	11617	1.839057	-38	-313
8900	8900	8701	0.9546	0.9546	315.3	0.953999	-0.02967	0.924332	9413	9621	10409	1.848664	-38	-313
8950	8950	8751	0.9605	0.9605	315.3	0.959902	-0.02967	0.930235	9407	9614	8470	1.86047	-38	-313
9000	9000	8801	0.9652	0.9652	315.3	0.964605	-0.02967	0.934939	9413	9620	10630	1.869878	-38	-313
9050	9050	8851	0.971	0.971	315.3	0.970408	-0.02967	0.940742	9409	9614	8616	1.881484	-38	-313
9100	9100	8901	0.9765	0.9765	315.3	0.975912	-0.02967	0.946245	9407	9611	9086	1.89249	-38	-313
9150	9150	8951	0.9819	0.9819	315.3	0.981315	-0.02967	0.951648	9406	9609	9254	1.903296	-38	-313
9200	9200	9001	0.9876	0.9876	315.3	0.987018	-0.02967	0.957351	9402	9604	8767	1.914702	-38	-313
9250	9250	9051	0.9922	0.9922	315.3	0.991621	-0.02967	0.961955	9409	9611	10861	1.92391	-38	-313
9300	9300	9101	0.9976	0.9976	315.3	0.997025	-0.02967	0.967358	9408	9609	9254	1.934716	-38	-313
9350	9350	9151	1.0033	1.0033	315.3	1.002727	-0.02967	0.973061	9404	9604	8767	1.946122	-38	-313
9400	9400	9201	1.0084	1.0084	315.3	1.007831	-0.02967	0.978164	9406	9605	9798	1.956328	-38	-313
9450	9450	9251	1.0135	1.0135	315.3	1.012934	-0.02967	0.983267	9408	9606	9798	1.966534	-38	-313
9500	9500	9301	1.0187	1.0187	315.3	1.018137	-0.02967	0.98847	9409	9606	9610	1.97694	-38	-313
9550	9550	9351	1.0243	1.0243	315.3	1.02374	-0.02967	0.994073	9407	9602	8924	1.988146	-38	-313
9600	9600	9401	1.0294	1.0294	315.3	1.028843	-0.02967	0.999176	9409	9603	9798	1.998352	-38	-313
9650	9650	9451	1.0346	1.0346	315.3	1.034046	-0.02967	1.004379	9410	9603	9610	2.008758	-38	-313
9700	9700	9501	1.0399	1.0399	315.3	1.039349	-0.02967	1.009682	9410	9602	9429	2.019364	-38	-313
9750	9750	9551	1.0449	1.0449	315.3	1.044352	-0.02967	1.014685	9413	9604	9994	2.02937	-38	-313
9800	9800	9601	1.0502	1.0502	315.3	1.049655	-0.02967	1.019988	9413	9603	9429	2.039976	-38	-313
9850	9850	9651	1.0554	1.0554	315.3	1.054857	-0.02967	1.025191	9414	9603	9610	2.050381	-38	-313
9900	9900	9701	1.0605	1.0605	315.3	1.05996	-0.02967	1.030294	9416	9604	9798	2.060587	-38	-313
9950	9950	9751	1.0658	1.0658	315.3	1.065263	-0.02967	1.035596	9416	9604	9429	2.071193	-38	-313
10000	10000	9801	1.0709	1.0709	315.3	1.070366	-0.02967	1.040699	9418	9605	9799	2.081398	-38	-313
10050	10050	9851	1.0761	1.0761	315.3	1.075569	-0.02967	1.045902	9419	9605	9610	2.091804	-38	-313
10100	10100	9901	1.0812	1.0812	315.3	1.080671	-0.02967	1.051005	9421	9606	9799	2.102009	-38	-313
10150	10150	9951	1.0865	1.0865	315.3	1.085974	-0.02967	1.056307	9421	9605	9429	2.112615	-38	-313
10200	10200	10001	1.0917	1.0917	315.3	1.091177	-0.02967	1.06151	9421	9605	9610	2.12302	-38	-313
10250	10250	10051	1.0971	1.0971	315.3	1.096579	-0.02967	1.066913	9421	9603	9255	2.133825	-38	-313
10300	10300	10101	1.1022	1.1022	315.3	1.101682	-0.02967	1.072015	9422	9604	9799	2.14403	-38	-313
10350	10350	10151	1.1068	1.1068	315.3	1.106285	-0.02967	1.076618	9429	9610	10863	2.153236	-38	-313
10400	10400	10201	1.1121	1.1121	315.3	1.111587	-0.02967	1.081921	9429	9609	9430	2.163841	-38	-313

Chart 1
Land Acquisition Geometry



MD	**Measured Depth from KB**
TVD	**True Vertical Depth from KB**
SRD	**Seismic Reference Datum**
TVDSD	**TVD from seismic datum**
Ttran	**Transit Time / Raw Pick**
SGO	**Source to geophone lateral offset**
TV	**Vertical time from source to geophone**
Ts	**Static correction from source to seismic datum**
Tcorr	**Vertical time from seismic datum to geophone**

KB	**Kelly Bushing**
Vave	**Average velocity from SRD to geophone**
Vint	**Interval velocity**
Vrms	**Root mean square velocity**
TWT	**Two way vertical time**
OWT	**One way vertical time**
SCX/SCY	**Source coordinates relative to wellhead**
RCX/RCY	**Receiver coordinates relative to wellhead**
GEO	**Geophone or Receiver**

Journal

Date	Time	Record	Src/Set	Stk	MD(ft)	Fix	SCX(ft)	SCY(ft)
27Aug2012	08:49:56	>testeing vibes						
27Aug2012	08:49:58	12	1/1	1	1.0	0	-38.0	-313.0
27Aug2012	12:44:16	13	1/1	2	2900.0	0	-38.0	-313.0
27Aug2012	12:44:47	14	1/1	2	2900.0	0	-38.0	-313.0
27Aug2012	12:45:09	15	1/1	2	2900.0	0	-38.0	-313.0
27Aug2012	12:45:30	16	1/1	2	2900.0	0	-38.0	-313.0
27Aug2012	12:46:13	17	1/1	2	2900.0	0	-38.0	-313.0
27Aug2012	13:04:42	18	1/1	3	6000.0	0	-38.0	-313.0
27Aug2012	13:05:53	19	1/1	3	6000.0	0	-38.0	-313.0
27Aug2012	13:06:18	20	1/1	3	6000.0	0	-38.0	-313.0
27Aug2012	13:06:42	21	1/1	3	6000.0	0	-38.0	-313.0
27Aug2012	13:07:03	22	1/1	3	6000.0	0	-38.0	-313.0
27Aug2012	13:37:42	23	1/1	4	9000.0	0	-38.0	-313.0
27Aug2012	13:38:05	24	1/1	4	9000.0	0	-38.0	-313.0
27Aug2012	13:38:28	25	1/1	4	9000.0	0	-38.0	-313.0
27Aug2012	13:38:48	26	1/1	4	9000.0	0	-38.0	-313.0
27Aug2012	13:50:31	27	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	13:51:13	28	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	13:52:18	>noisy very windy						
27Aug2012	13:53:35	29	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	13:54:54	30	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	13:55:28	>slack 10 feet						
27Aug2012	13:55:51	31	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	13:58:27	32	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	13:59:02	33	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:00:20	34	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:00:50	35	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:01:35	36	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:02:14	37	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:02:56	38	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:03:23	39	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:04:22	40	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:04:59	41	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:05:44	42	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:10:55	43	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:11:42	44	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:12:23	45	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:13:16	46	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:13:44	47	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:14:46	48	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:15:42	49	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:16:53	50	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:17:23	51	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:18:36	52	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:19:34	53	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:20:07	54	1/1	5	10350.0	0	-38.0	-313.0
27Aug2012	14:25:09	55	1/1	6	10250.0	0	-38.0	-313.0
27Aug2012	14:25:37	56	1/1	6	10250.0	0	-38.0	-313.0
27Aug2012	14:25:59	57	1/1	6	10250.0	0	-38.0	-313.0
27Aug2012	14:26:19	58	1/1	6	10250.0	0	-38.0	-313.0
27Aug2012	14:26:41	59	1/1	6	10250.0	0	-38.0	-313.0
27Aug2012	14:27:22	60	1/1	6	10250.0	0	-38.0	-313.0
27Aug2012	14:27:53	61	1/1	6	10250.0	0	-38.0	-313.0
27Aug2012	14:28:14	62	1/1	6	10250.0	0	-38.0	-313.0
27Aug2012	14:31:55	63	1/1	7	10150.0	0	-38.0	-313.0
27Aug2012	14:32:18	64	1/1	7	10150.0	0	-38.0	-313.0
27Aug2012	14:32:39	65	1/1	7	10150.0	0	-38.0	-313.0
27Aug2012	14:33:02	66	1/1	7	10150.0	0	-38.0	-313.0
27Aug2012	14:33:24	67	1/1	7	10150.0	0	-38.0	-313.0
27Aug2012	14:36:10	68	1/1	8	10050.0	0	-38.0	-313.0

Journal

Date	Time	Record	Src/Set	Stk	MD(ft)	Fix	SCX(ft)	SCY(ft)
27Aug2012	14:36:34	69	1/1	8	10050.0	0	-38.0	-313.0
27Aug2012	14:37:02	70	1/1	8	10050.0	0	-38.0	-313.0
27Aug2012	14:37:24	71	1/1	8	10050.0	0	-38.0	-313.0
27Aug2012	14:37:48	72	1/1	8	10050.0	0	-38.0	-313.0
27Aug2012	14:38:11	73	1/1	8	10050.0	0	-38.0	-313.0
27Aug2012	14:40:55	74	1/1	9	9950.0	0	-38.0	-313.0
27Aug2012	14:41:17	75	1/1	9	9950.0	0	-38.0	-313.0
27Aug2012	14:41:40	76	1/1	9	9950.0	0	-38.0	-313.0
27Aug2012	14:42:03	77	1/1	9	9950.0	0	-38.0	-313.0
27Aug2012	14:42:39	78	1/1	9	9950.0	0	-38.0	-313.0
27Aug2012	14:45:55	79	1/1	10	9850.0	0	-38.0	-313.0
27Aug2012	14:46:19	80	1/1	10	9850.0	0	-38.0	-313.0
27Aug2012	14:46:41	81	1/1	10	9850.0	0	-38.0	-313.0
27Aug2012	14:47:04	82	1/1	10	9850.0	0	-38.0	-313.0
27Aug2012	14:47:30	83	1/1	10	9850.0	0	-38.0	-313.0
27Aug2012	14:47:58	84	1/1	10	9850.0	0	-38.0	-313.0
27Aug2012	14:48:24	85	1/1	10	9850.0	0	-38.0	-313.0
27Aug2012	14:51:14	86	1/1	11	9750.0	0	-38.0	-313.0
27Aug2012	14:51:36	87	1/1	11	9750.0	0	-38.0	-313.0
27Aug2012	14:51:57	88	1/1	11	9750.0	0	-38.0	-313.0
27Aug2012	14:52:19	89	1/1	11	9750.0	0	-38.0	-313.0
27Aug2012	14:52:40	90	1/1	11	9750.0	0	-38.0	-313.0
27Aug2012	14:55:20	91	1/1	12	9650.0	0	-38.0	-313.0
27Aug2012	14:55:43	92	1/1	12	9650.0	0	-38.0	-313.0
27Aug2012	14:56:22	93	1/1	12	9650.0	0	-38.0	-313.0
27Aug2012	14:56:51	94	1/1	12	9650.0	0	-38.0	-313.0
27Aug2012	14:57:16	95	1/1	12	9650.0	0	-38.0	-313.0
27Aug2012	15:00:06	96	1/1	13	9550.0	0	-38.0	-313.0
27Aug2012	15:00:30	97	1/1	13	9550.0	0	-38.0	-313.0
27Aug2012	15:00:52	98	1/1	13	9550.0	0	-38.0	-313.0
27Aug2012	15:01:16	99	1/1	13	9550.0	0	-38.0	-313.0
27Aug2012	15:01:38	100	1/1	13	9550.0	0	-38.0	-313.0
27Aug2012	15:04:59	101	1/1	14	9450.0	0	-38.0	-313.0
27Aug2012	15:05:23	102	1/1	14	9450.0	0	-38.0	-313.0
27Aug2012	15:05:46	103	1/1	14	9450.0	0	-38.0	-313.0
27Aug2012	15:06:09	104	1/1	14	9450.0	0	-38.0	-313.0
27Aug2012	15:06:33	105	1/1	14	9450.0	0	-38.0	-313.0
27Aug2012	15:09:35	106	1/1	15	9350.0	0	-38.0	-313.0
27Aug2012	15:09:57	107	1/1	15	9350.0	0	-38.0	-313.0
27Aug2012	15:10:21	108	1/1	15	9350.0	0	-38.0	-313.0
27Aug2012	15:10:44	109	1/1	15	9350.0	0	-38.0	-313.0
27Aug2012	15:11:08	110	1/1	15	9350.0	0	-38.0	-313.0
27Aug2012	15:11:30	111	1/1	15	9350.0	0	-38.0	-313.0
27Aug2012	15:14:21	112	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:14:51	113	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:15:13	114	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:15:43	115	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:16:21	116	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:16:45	117	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:17:10	118	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:17:32	119	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:17:56	120	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:18:22	121	1/1	16	9250.0	0	-38.0	-313.0
27Aug2012	15:21:03	122	1/1	17	9150.0	0	-38.0	-313.0
27Aug2012	15:21:28	123	1/1	17	9150.0	0	-38.0	-313.0
27Aug2012	15:21:53	124	1/1	17	9150.0	0	-38.0	-313.0
27Aug2012	15:22:16	125	1/1	17	9150.0	0	-38.0	-313.0
27Aug2012	15:22:39	126	1/1	17	9150.0	0	-38.0	-313.0
27Aug2012	15:25:25	127	1/1	18	9050.0	0	-38.0	-313.0
27Aug2012	15:25:50	128	1/1	18	9050.0	0	-38.0	-313.0

Journal

Date	Time	Record	Src/Set	Stk	MD(ft)	Fix	SCX(ft)	SCY(ft)
27Aug2012	15:26:13	129	1/1	18	9050.0	0	-38.0	-313.0
27Aug2012	15:26:37	130	1/1	18	9050.0	0	-38.0	-313.0
27Aug2012	15:27:02	131	1/1	18	9050.0	0	-38.0	-313.0
27Aug2012	15:29:51	132	1/1	19	8950.0	0	-38.0	-313.0
27Aug2012	15:30:16	133	1/1	19	8950.0	0	-38.0	-313.0
27Aug2012	15:30:38	134	1/1	19	8950.0	0	-38.0	-313.0
27Aug2012	15:31:01	135	1/1	19	8950.0	0	-38.0	-313.0
27Aug2012	15:31:24	136	1/1	19	8950.0	0	-38.0	-313.0
27Aug2012	15:34:28	137	1/1	20	8850.0	0	-38.0	-313.0
27Aug2012	15:34:51	138	1/1	20	8850.0	0	-38.0	-313.0
27Aug2012	15:35:13	139	1/1	20	8850.0	0	-38.0	-313.0
27Aug2012	15:35:37	140	1/1	20	8850.0	0	-38.0	-313.0
27Aug2012	15:36:00	141	1/1	20	8850.0	0	-38.0	-313.0
27Aug2012	15:36:23	142	1/1	20	8850.0	0	-38.0	-313.0
27Aug2012	15:38:50	143	1/1	21	8750.0	0	-38.0	-313.0
27Aug2012	15:39:13	144	1/1	21	8750.0	0	-38.0	-313.0
27Aug2012	15:39:38	145	1/1	21	8750.0	0	-38.0	-313.0
27Aug2012	15:40:00	146	1/1	21	8750.0	0	-38.0	-313.0
27Aug2012	15:40:22	147	1/1	21	8750.0	0	-38.0	-313.0
27Aug2012	15:42:58	148	1/1	22	8650.0	0	-38.0	-313.0
27Aug2012	15:43:24	149	1/1	22	8650.0	0	-38.0	-313.0
27Aug2012	15:43:48	150	1/1	22	8650.0	0	-38.0	-313.0
27Aug2012	15:44:11	151	1/1	22	8650.0	0	-38.0	-313.0
27Aug2012	15:44:35	152	1/1	22	8650.0	0	-38.0	-313.0
27Aug2012	15:48:01	153	1/1	23	8550.0	0	-38.0	-313.0
27Aug2012	15:48:29	154	1/1	23	8550.0	0	-38.0	-313.0
27Aug2012	15:48:52	155	1/1	23	8550.0	0	-38.0	-313.0
27Aug2012	15:49:15	156	1/1	23	8550.0	0	-38.0	-313.0
27Aug2012	15:49:38	157	1/1	23	8550.0	0	-38.0	-313.0
27Aug2012	15:53:52	158	1/1	24	8450.0	0	-38.0	-313.0
27Aug2012	15:54:20	159	1/1	24	8450.0	0	-38.0	-313.0
27Aug2012	15:54:43	160	1/1	24	8450.0	0	-38.0	-313.0
27Aug2012	15:55:06	161	1/1	24	8450.0	0	-38.0	-313.0
27Aug2012	15:55:29	162	1/1	24	8450.0	0	-38.0	-313.0
27Aug2012	15:58:58	163	1/1	25	8350.0	0	-38.0	-313.0
27Aug2012	15:59:36	164	1/1	25	8350.0	0	-38.0	-313.0
27Aug2012	15:59:59	165	1/1	25	8350.0	0	-38.0	-313.0
27Aug2012	16:00:22	166	1/1	25	8350.0	0	-38.0	-313.0
27Aug2012	16:00:45	167	1/1	25	8350.0	0	-38.0	-313.0
27Aug2012	16:01:18	168	1/1	25	8350.0	0	-38.0	-313.0
27Aug2012	16:01:43	169	1/1	25	8350.0	0	-38.0	-313.0
27Aug2012	16:04:46	170	1/1	26	8250.0	0	-38.0	-313.0
27Aug2012	16:05:23	171	1/1	26	8250.0	0	-38.0	-313.0
27Aug2012	16:06:15	172	1/1	26	8250.0	0	-38.0	-313.0
27Aug2012	16:06:38	173	1/1	26	8250.0	0	-38.0	-313.0
27Aug2012	16:07:21	174	1/1	26	8250.0	0	-38.0	-313.0
27Aug2012	16:07:45	175	1/1	26	8250.0	0	-38.0	-313.0
27Aug2012	16:08:06	176	1/1	26	8250.0	0	-38.0	-313.0
27Aug2012	16:10:53	177	1/1	27	8150.0	0	-38.0	-313.0
27Aug2012	16:11:19	178	1/1	27	8150.0	0	-38.0	-313.0
27Aug2012	16:11:42	179	1/1	27	8150.0	0	-38.0	-313.0
27Aug2012	16:12:05	180	1/1	27	8150.0	0	-38.0	-313.0
27Aug2012	16:12:28	181	1/1	27	8150.0	0	-38.0	-313.0
27Aug2012	16:15:42	182	1/1	28	8050.0	0	-38.0	-313.0
27Aug2012	16:16:10	183	1/1	28	8050.0	0	-38.0	-313.0
27Aug2012	16:16:33	184	1/1	28	8050.0	0	-38.0	-313.0
27Aug2012	16:16:56	185	1/1	28	8050.0	0	-38.0	-313.0
27Aug2012	16:17:19	186	1/1	28	8050.0	0	-38.0	-313.0
27Aug2012	16:18:16	>noisy level						
27Aug2012	16:18:26	187	1/1	28	8050.0	0	-38.0	-313.0

Journal

Date	Time	Record	Src/Set	Stk	MD(ft)	Fix	SCX(ft)	SCY(ft)
27Aug2012	16:21:33	188	1/1	29	7950.0	0	-38.0	-313.0
27Aug2012	16:21:57	189	1/1	29	7950.0	0	-38.0	-313.0
27Aug2012	16:22:20	190	1/1	29	7950.0	0	-38.0	-313.0
27Aug2012	16:22:43	191	1/1	29	7950.0	0	-38.0	-313.0
27Aug2012	16:23:06	192	1/1	29	7950.0	0	-38.0	-313.0
27Aug2012	16:23:30	193	1/1	29	7950.0	0	-38.0	-313.0
27Aug2012	16:24:04	>top tool in 7" casing						
27Aug2012	16:27:01	194	1/1	30	7850.0	0	-38.0	-313.0
27Aug2012	16:27:24	195	1/1	30	7850.0	0	-38.0	-313.0
27Aug2012	16:27:46	196	1/1	30	7850.0	0	-38.0	-313.0
27Aug2012	16:28:09	197	1/1	30	7850.0	0	-38.0	-313.0
27Aug2012	16:28:32	198	1/1	30	7850.0	0	-38.0	-313.0
27Aug2012	16:31:19	199	1/1	31	7750.0	0	-38.0	-313.0
27Aug2012	16:31:59	200	1/1	31	7750.0	0	-38.0	-313.0
27Aug2012	16:32:22	201	1/1	31	7750.0	0	-38.0	-313.0
27Aug2012	16:32:45	202	1/1	31	7750.0	0	-38.0	-313.0
27Aug2012	16:33:08	203	1/1	31	7750.0	0	-38.0	-313.0
27Aug2012	16:36:28	204	1/1	32	7650.0	0	-38.0	-313.0
27Aug2012	16:36:51	205	1/1	32	7650.0	0	-38.0	-313.0
27Aug2012	16:37:14	206	1/1	32	7650.0	0	-38.0	-313.0
27Aug2012	16:37:37	207	1/1	32	7650.0	0	-38.0	-313.0
27Aug2012	16:38:00	208	1/1	32	7650.0	0	-38.0	-313.0
27Aug2012	16:41:03	209	1/1	33	7550.0	0	-38.0	-313.0
27Aug2012	16:41:26	210	1/1	33	7550.0	0	-38.0	-313.0
27Aug2012	16:41:49	211	1/1	33	7550.0	0	-38.0	-313.0
27Aug2012	16:42:12	212	1/1	33	7550.0	0	-38.0	-313.0
27Aug2012	16:42:35	213	1/1	33	7550.0	0	-38.0	-313.0
27Aug2012	16:45:55	214	1/1	34	7450.0	0	-38.0	-313.0
27Aug2012	16:46:17	215	1/1	34	7450.0	0	-38.0	-313.0
27Aug2012	16:46:40	216	1/1	34	7450.0	0	-38.0	-313.0
27Aug2012	16:47:03	217	1/1	34	7450.0	0	-38.0	-313.0
27Aug2012	16:47:26	218	1/1	34	7450.0	0	-38.0	-313.0
27Aug2012	16:50:37	219	1/1	35	7350.0	0	-38.0	-313.0
27Aug2012	16:51:01	220	1/1	35	7350.0	0	-38.0	-313.0
27Aug2012	16:51:24	221	1/1	35	7350.0	0	-38.0	-313.0
27Aug2012	16:51:47	222	1/1	35	7350.0	0	-38.0	-313.0
27Aug2012	16:52:10	223	1/1	35	7350.0	0	-38.0	-313.0
27Aug2012	16:54:45	224	1/1	36	7250.0	0	-38.0	-313.0
27Aug2012	16:55:07	225	1/1	36	7250.0	0	-38.0	-313.0
27Aug2012	16:55:30	226	1/1	36	7250.0	0	-38.0	-313.0
27Aug2012	16:55:53	227	1/1	36	7250.0	0	-38.0	-313.0
27Aug2012	16:59:25	228	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	16:59:47	229	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:00:19	230	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:01:56	231	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:03:35	232	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:04:20	233	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:04:56	234	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:05:48	235	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:06:11	236	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:06:35	237	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:06:56	238	1/1	37	7150.0	0	-38.0	-313.0
27Aug2012	17:08:20	>noisy level						
27Aug2012	17:09:36	239	1/1	38	7050.0	0	-38.0	-313.0
27Aug2012	17:10:21	240	1/1	38	7050.0	0	-38.0	-313.0
27Aug2012	17:12:06	241	1/1	38	7050.0	0	-38.0	-313.0
27Aug2012	17:12:29	242	1/1	38	7050.0	0	-38.0	-313.0
27Aug2012	17:12:52	243	1/1	38	7050.0	0	-38.0	-313.0
27Aug2012	17:13:15	244	1/1	38	7050.0	0	-38.0	-313.0
27Aug2012	17:13:38	245	1/1	38	7050.0	0	-38.0	-313.0

Journal

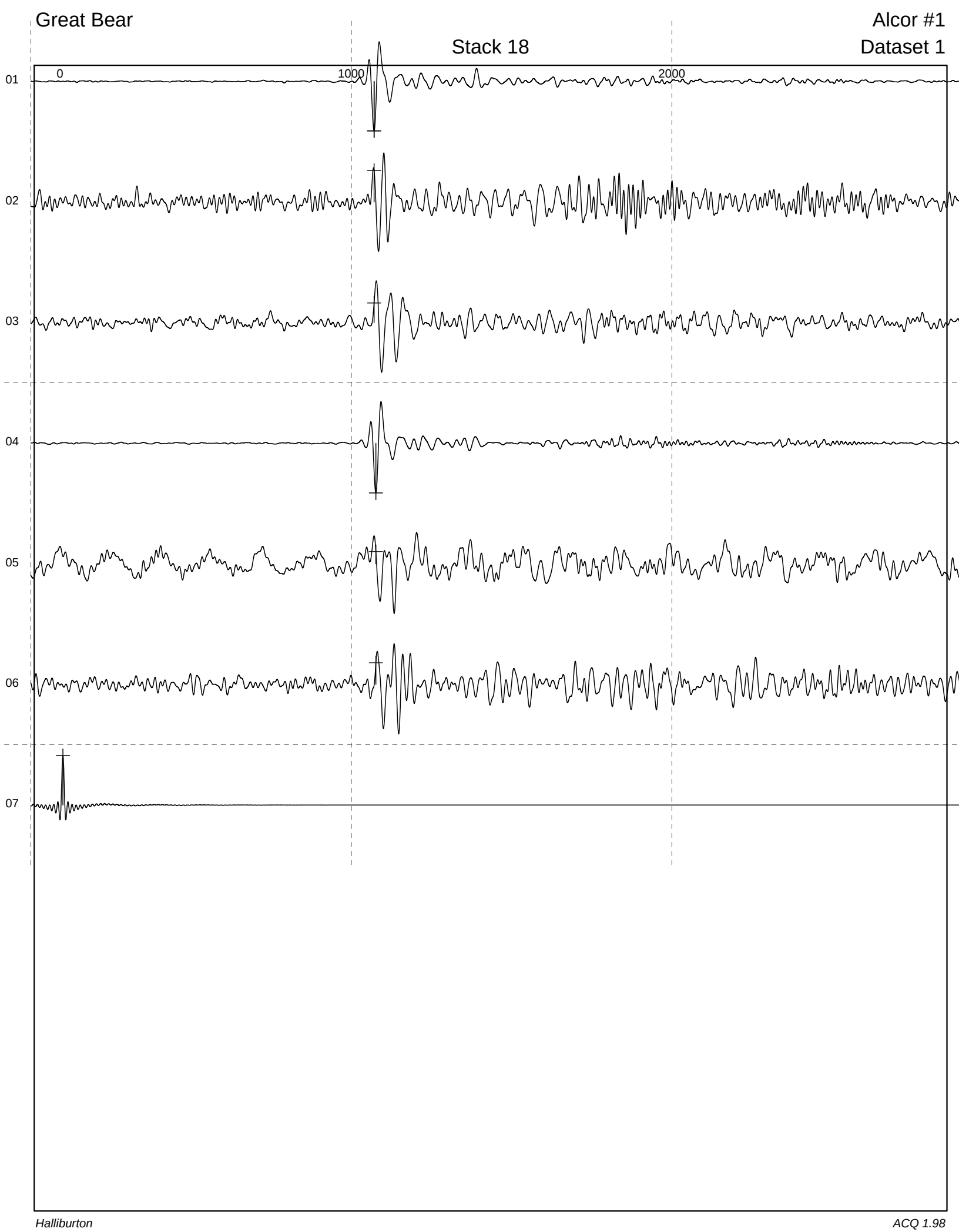
Date	Time	Record	Src/Set	Stk	MD(ft)	Fix	SCX(ft)	SCY(ft)
27Aug2012	17:16:30	>vibe down						
27Aug2012	17:18:24	246	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:19:57	247	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:20:19	248	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:27:26	>vibe not shaking						
27Aug2012	17:44:15	249	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:45:19	>rcd 249 vibe out of phaze						
27Aug2012	17:52:31	250	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:52:54	251	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:53:17	252	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:53:40	253	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:54:04	254	1/1	39	6950.0	0	-38.0	-313.0
27Aug2012	17:54:57	>vibe fixed						
27Aug2012	17:56:03	>repad vibe						
27Aug2012	18:08:59	255	1/1	40	6950.0	0	-38.0	-313.0
27Aug2012	18:09:25	256	1/1	40	6950.0	0	-38.0	-313.0
27Aug2012	18:10:13	257	1/1	40	6950.0	0	-38.0	-313.0
27Aug2012	18:10:35	258	1/1	40	6950.0	0	-38.0	-313.0
27Aug2012	18:10:55	259	1/1	40	6950.0	0	-38.0	-313.0
27Aug2012	18:14:02	>rcd 250 to 254 stack 39 vibe wrong position						
27Aug2012	18:16:01	260	1/1	41	6850.0	0	-38.0	-313.0
27Aug2012	18:16:23	261	1/1	41	6850.0	0	-38.0	-313.0
27Aug2012	18:16:46	262	1/1	41	6850.0	0	-38.0	-313.0
27Aug2012	18:17:09	263	1/1	41	6850.0	0	-38.0	-313.0
27Aug2012	18:17:32	264	1/1	41	6850.0	0	-38.0	-313.0
27Aug2012	18:20:23	265	1/1	42	6750.0	0	-38.0	-313.0
27Aug2012	18:21:35	266	1/1	42	6750.0	0	-38.0	-313.0
27Aug2012	18:22:01	267	1/1	42	6750.0	0	-38.0	-313.0
27Aug2012	18:22:23	268	1/1	42	6750.0	0	-38.0	-313.0
27Aug2012	18:22:44	269	1/1	42	6750.0	0	-38.0	-313.0
27Aug2012	18:23:04	270	1/1	42	6750.0	0	-38.0	-313.0
27Aug2012	18:23:29	271	1/1	42	6750.0	0	-38.0	-313.0
27Aug2012	18:26:01	272	1/1	43	6650.0	0	-38.0	-313.0
27Aug2012	18:26:23	273	1/1	43	6650.0	0	-38.0	-313.0
27Aug2012	18:26:46	274	1/1	43	6650.0	0	-38.0	-313.0
27Aug2012	18:27:09	275	1/1	43	6650.0	0	-38.0	-313.0
27Aug2012	18:27:32	276	1/1	43	6650.0	0	-38.0	-313.0
27Aug2012	18:30:25	277	1/1	44	6550.0	0	-38.0	-313.0
27Aug2012	18:31:57	278	1/1	44	6550.0	0	-38.0	-313.0
27Aug2012	18:32:19	279	1/1	44	6550.0	0	-38.0	-313.0
27Aug2012	18:32:42	280	1/1	44	6550.0	0	-38.0	-313.0
27Aug2012	18:33:05	281	1/1	44	6550.0	0	-38.0	-313.0
27Aug2012	18:33:28	282	1/1	44	6550.0	0	-38.0	-313.0
27Aug2012	18:36:54	283	1/1	45	6450.0	0	-38.0	-313.0
27Aug2012	18:37:16	284	1/1	45	6450.0	0	-38.0	-313.0
27Aug2012	18:37:39	285	1/1	45	6450.0	0	-38.0	-313.0
27Aug2012	18:38:02	286	1/1	45	6450.0	0	-38.0	-313.0
27Aug2012	18:38:25	287	1/1	45	6450.0	0	-38.0	-313.0
27Aug2012	18:41:14	288	1/1	46	6350.0	0	-38.0	-313.0
27Aug2012	18:41:37	289	1/1	46	6350.0	0	-38.0	-313.0
27Aug2012	18:42:00	290	1/1	46	6350.0	0	-38.0	-313.0
27Aug2012	18:42:23	291	1/1	46	6350.0	0	-38.0	-313.0
27Aug2012	18:42:46	292	1/1	46	6350.0	0	-38.0	-313.0
27Aug2012	18:46:01	293	1/1	47	6250.0	0	-38.0	-313.0
27Aug2012	18:46:22	294	1/1	47	6250.0	0	-38.0	-313.0
27Aug2012	18:46:44	295	1/1	47	6250.0	0	-38.0	-313.0
27Aug2012	18:47:07	296	1/1	47	6250.0	0	-38.0	-313.0
27Aug2012	18:47:31	297	1/1	47	6250.0	0	-38.0	-313.0
27Aug2012	18:50:59	298	1/1	48	6150.0	0	-38.0	-313.0
27Aug2012	18:51:21	299	1/1	48	6150.0	0	-38.0	-313.0

Journal

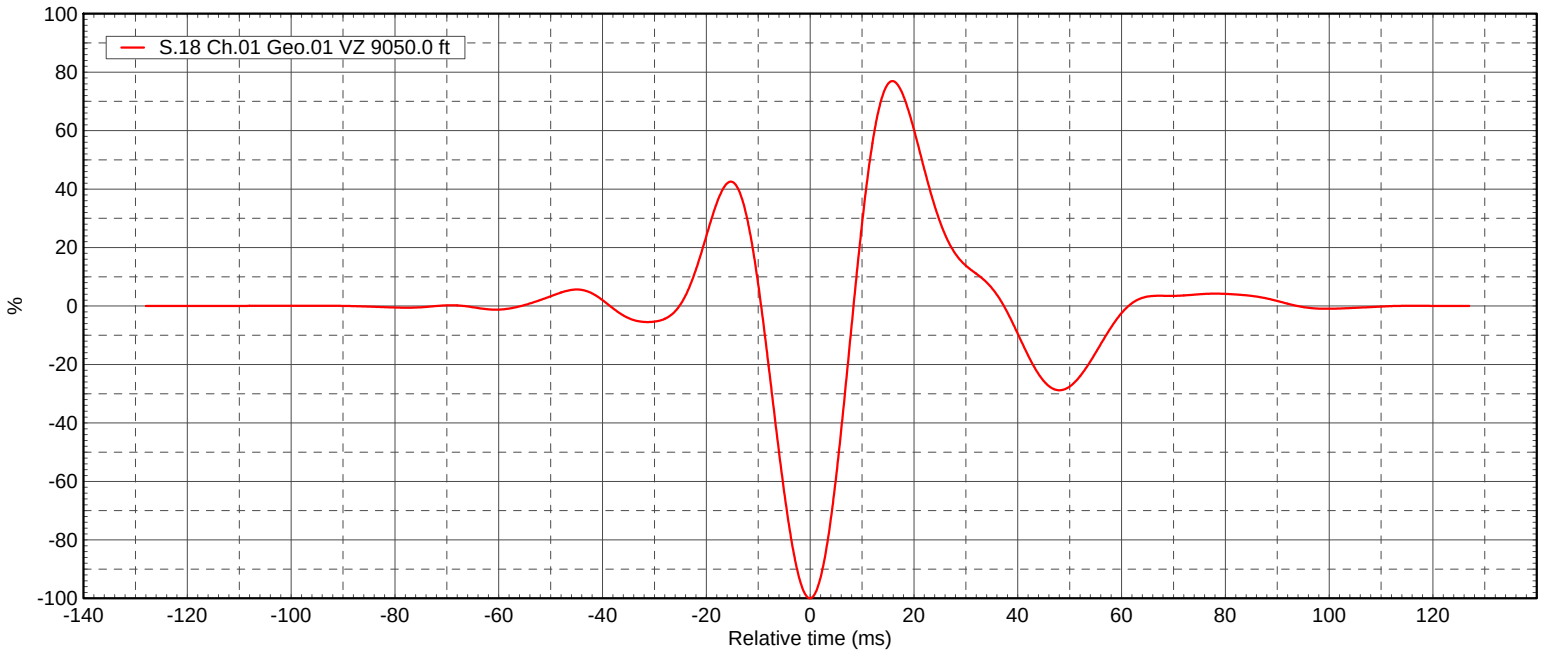
Date	Time	Record	Src/Set	Stk	MD(ft)	Fix	SCX(ft)	SCY(ft)
27Aug2012	18:51:44	300	1/1	48	6150.0	0	-38.0	-313.0
27Aug2012	18:52:07	301	1/1	48	6150.0	0	-38.0	-313.0
27Aug2012	18:52:30	302	1/1	48	6150.0	0	-38.0	-313.0
27Aug2012	18:54:59	303	1/1	49	6050.0	0	-38.0	-313.0
27Aug2012	18:55:35	304	1/1	49	6050.0	0	-38.0	-313.0
27Aug2012	18:55:58	305	1/1	49	6050.0	0	-38.0	-313.0
27Aug2012	18:56:21	306	1/1	49	6050.0	0	-38.0	-313.0
27Aug2012	18:56:44	307	1/1	49	6050.0	0	-38.0	-313.0
27Aug2012	18:59:41	308	1/1	50	5950.0	0	-38.0	-313.0
27Aug2012	19:00:03	309	1/1	50	5950.0	0	-38.0	-313.0
27Aug2012	19:00:26	310	1/1	50	5950.0	0	-38.0	-313.0
27Aug2012	19:00:49	311	1/1	50	5950.0	0	-38.0	-313.0
27Aug2012	19:01:12	312	1/1	50	5950.0	0	-38.0	-313.0
27Aug2012	19:04:46	313	1/1	51	5850.0	0	-38.0	-313.0
27Aug2012	19:05:10	314	1/1	51	5850.0	0	-38.0	-313.0
27Aug2012	19:05:34	315	1/1	51	5850.0	0	-38.0	-313.0
27Aug2012	19:05:57	316	1/1	51	5850.0	0	-38.0	-313.0
27Aug2012	19:09:33	317	1/1	52	5750.0	0	-38.0	-313.0
27Aug2012	19:09:58	318	1/1	52	5750.0	0	-38.0	-313.0
27Aug2012	19:10:21	319	1/1	52	5750.0	0	-38.0	-313.0
27Aug2012	19:10:46	320	1/1	52	5750.0	0	-38.0	-313.0
27Aug2012	19:11:27	321	1/1	52	5750.0	0	-38.0	-313.0
27Aug2012	19:12:50	322	1/1	52	5750.0	0	-38.0	-313.0
27Aug2012	19:13:12	323	1/1	52	5750.0	0	-38.0	-313.0
27Aug2012	19:13:32	324	1/1	52	5750.0	0	-38.0	-313.0
27Aug2012	19:16:06	325	1/1	53	5650.0	0	-38.0	-313.0
27Aug2012	19:16:27	326	1/1	53	5650.0	0	-38.0	-313.0
27Aug2012	19:16:50	327	1/1	53	5650.0	0	-38.0	-313.0
27Aug2012	19:17:13	328	1/1	53	5650.0	0	-38.0	-313.0
27Aug2012	19:19:45	329	1/1	54	5550.0	0	-38.0	-313.0
27Aug2012	19:20:07	330	1/1	54	5550.0	0	-38.0	-313.0
27Aug2012	19:20:30	331	1/1	54	5550.0	0	-38.0	-313.0
27Aug2012	19:20:53	332	1/1	54	5550.0	0	-38.0	-313.0
27Aug2012	19:23:40	333	1/1	55	5450.0	0	-38.0	-313.0
27Aug2012	19:24:04	334	1/1	55	5450.0	0	-38.0	-313.0
27Aug2012	19:24:27	335	1/1	55	5450.0	0	-38.0	-313.0
27Aug2012	19:24:50	336	1/1	55	5450.0	0	-38.0	-313.0
27Aug2012	19:27:13	337	1/1	56	5350.0	0	-38.0	-313.0
27Aug2012	19:27:36	338	1/1	56	5350.0	0	-38.0	-313.0
27Aug2012	19:27:59	339	1/1	56	5350.0	0	-38.0	-313.0
27Aug2012	19:28:22	340	1/1	56	5350.0	0	-38.0	-313.0
27Aug2012	19:31:02	341	1/1	57	5250.0	0	-38.0	-313.0
27Aug2012	19:31:30	342	1/1	57	5250.0	0	-38.0	-313.0
27Aug2012	19:31:53	343	1/1	57	5250.0	0	-38.0	-313.0
27Aug2012	19:32:16	344	1/1	57	5250.0	0	-38.0	-313.0
27Aug2012	19:32:39	345	1/1	57	5250.0	0	-38.0	-313.0
27Aug2012	19:35:35	346	1/1	58	5150.0	0	-38.0	-313.0
27Aug2012	19:35:58	347	1/1	58	5150.0	0	-38.0	-313.0
27Aug2012	19:36:21	348	1/1	58	5150.0	0	-38.0	-313.0
27Aug2012	19:36:44	349	1/1	58	5150.0	0	-38.0	-313.0
27Aug2012	19:37:07	350	1/1	58	5150.0	0	-38.0	-313.0
27Aug2012	19:39:37	351	1/1	59	5050.0	0	-38.0	-313.0
27Aug2012	19:39:59	352	1/1	59	5050.0	0	-38.0	-313.0
27Aug2012	19:40:22	353	1/1	59	5050.0	0	-38.0	-313.0
27Aug2012	19:40:45	354	1/1	59	5050.0	0	-38.0	-313.0
27Aug2012	19:41:08	355	1/1	59	5050.0	0	-38.0	-313.0
27Aug2012	19:43:52	356	1/1	60	4950.0	0	-38.0	-313.0
27Aug2012	19:44:17	357	1/1	60	4950.0	0	-38.0	-313.0
27Aug2012	19:44:40	358	1/1	60	4950.0	0	-38.0	-313.0
27Aug2012	19:45:03	359	1/1	60	4950.0	0	-38.0	-313.0

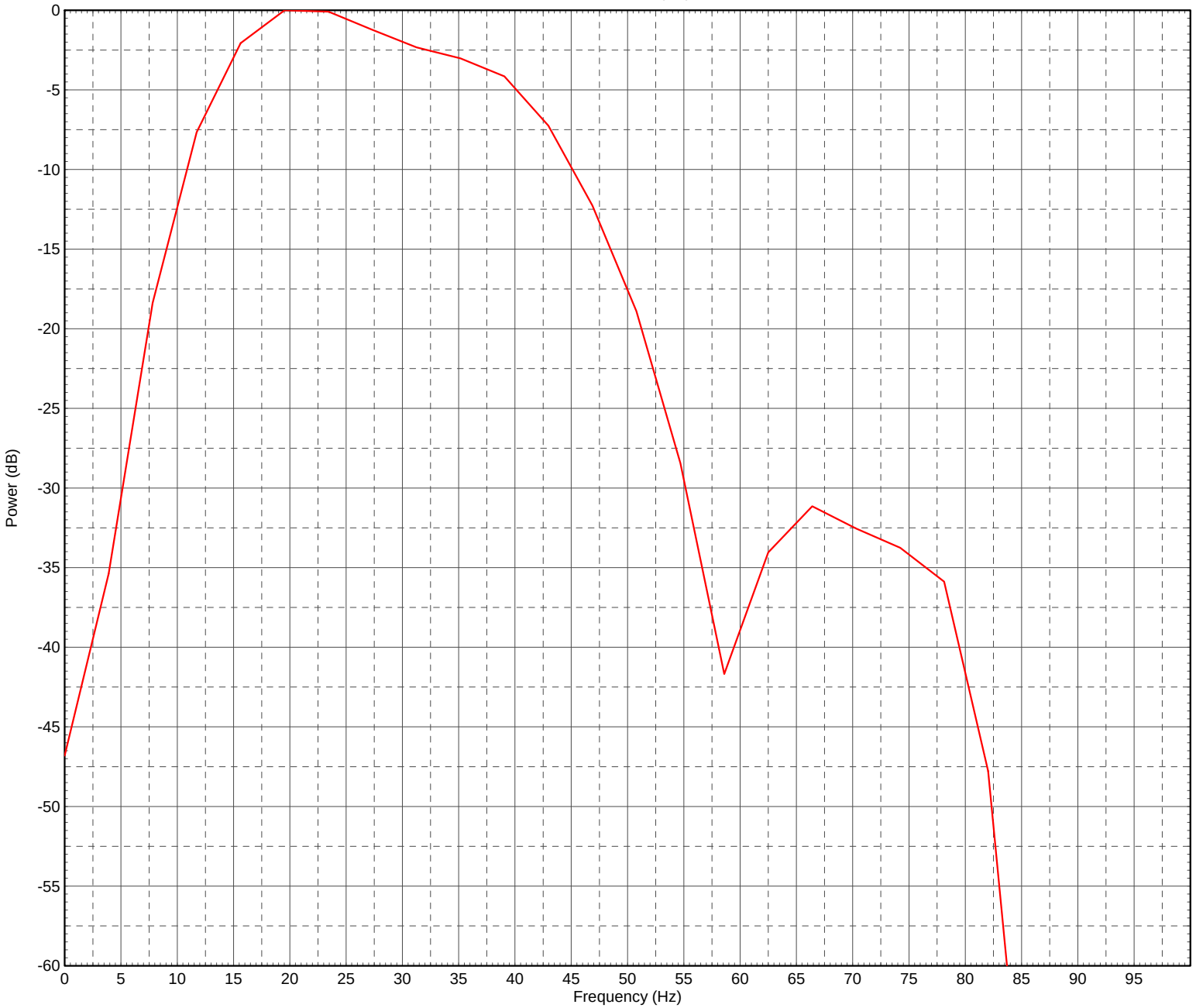
Journal

Date	Time	Record	Src/Set	Stk	MD(ft)	Fix	SCX(ft)	SCY(ft)
27Aug2012	19:45:33	360	1/1	60	4950.0	0	-38.0	-313.0
27Aug2012	19:45:56	361	1/1	60	4950.0	0	-38.0	-313.0
27Aug2012	19:46:18	362	1/1	60	4950.0	0	-38.0	-313.0
27Aug2012	19:49:18	363	1/1	61	4850.0	0	-38.0	-313.0
27Aug2012	19:51:03	364	1/1	61	4850.0	0	-38.0	-313.0
27Aug2012	19:51:25	365	1/1	61	4850.0	0	-38.0	-313.0
27Aug2012	19:51:48	366	1/1	61	4850.0	0	-38.0	-313.0
27Aug2012	19:52:13	367	1/1	61	4850.0	0	-38.0	-313.0
27Aug2012	19:52:57	368	1/1	61	4850.0	0	-38.0	-313.0
27Aug2012	19:53:19	369	1/1	61	4850.0	0	-38.0	-313.0
27Aug2012	19:55:08	>End VSP, Start checkshot out						
27Aug2012	19:57:18	370	1/1	62	4400.0	0	-38.0	-313.0
27Aug2012	19:57:42	371	1/1	62	4400.0	0	-38.0	-313.0
27Aug2012	19:58:05	372	1/1	62	4400.0	0	-38.0	-313.0
27Aug2012	19:58:28	373	1/1	62	4400.0	0	-38.0	-313.0
27Aug2012	20:02:33	374	1/1	63	3900.0	0	-38.0	-313.0
27Aug2012	20:02:55	375	1/1	63	3900.0	0	-38.0	-313.0
27Aug2012	20:03:18	376	1/1	63	3900.0	0	-38.0	-313.0
27Aug2012	20:03:41	377	1/1	63	3900.0	0	-38.0	-313.0
27Aug2012	20:07:44	378	1/1	64	3400.0	0	-38.0	-313.0
27Aug2012	20:08:06	379	1/1	64	3400.0	0	-38.0	-313.0
27Aug2012	20:08:29	380	1/1	64	3400.0	0	-38.0	-313.0
27Aug2012	20:08:52	381	1/1	64	3400.0	0	-38.0	-313.0
27Aug2012	20:12:25	382	1/1	65	2900.0	0	-38.0	-313.0
27Aug2012	20:12:50	383	1/1	65	2900.0	0	-38.0	-313.0
27Aug2012	20:13:13	384	1/1	65	2900.0	0	-38.0	-313.0
27Aug2012	20:13:36	385	1/1	65	2900.0	0	-38.0	-313.0
27Aug2012	20:17:44	386	1/1	66	2400.0	0	-38.0	-313.0
27Aug2012	20:18:10	387	1/1	66	2400.0	0	-38.0	-313.0
27Aug2012	20:18:34	388	1/1	66	2400.0	0	-38.0	-313.0
27Aug2012	20:18:57	389	1/1	66	2400.0	0	-38.0	-313.0
27Aug2012	20:19:20	390	1/1	66	2400.0	0	-38.0	-313.0
27Aug2012	20:23:20	391	1/1	67	1900.0	0	-38.0	-313.0
27Aug2012	20:23:58	392	1/1	67	1900.0	0	-38.0	-313.0
27Aug2012	20:24:22	393	1/1	67	1900.0	0	-38.0	-313.0
27Aug2012	20:24:43	394	1/1	67	1900.0	0	-38.0	-313.0
27Aug2012	20:25:04	395	1/1	67	1900.0	0	-38.0	-313.0
27Aug2012	20:28:59	396	1/1	68	1400.0	0	-38.0	-313.0
27Aug2012	20:29:19	397	1/1	68	1400.0	0	-38.0	-313.0
27Aug2012	20:29:50	398	1/1	68	1400.0	0	-38.0	-313.0
27Aug2012	20:30:12	399	1/1	68	1400.0	0	-38.0	-313.0
27Aug2012	20:34:17	400	1/1	69	900.0	0	-38.0	-313.0
27Aug2012	20:34:39	401	1/1	69	900.0	0	-38.0	-313.0
27Aug2012	20:35:02	402	1/1	69	900.0	0	-38.0	-313.0
27Aug2012	20:35:25	403	1/1	69	900.0	0	-38.0	-313.0
27Aug2012	20:39:34	404	1/1	70	400.0	0	-38.0	-313.0
27Aug2012	20:39:56	405	1/1	70	400.0	0	-38.0	-313.0
27Aug2012	20:40:19	406	1/1	70	400.0	0	-38.0	-313.0
27Aug2012	20:40:42	407	1/1	70	400.0	0	-38.0	-313.0
27Aug2012	20:41:41	>End survey						


Great Bear
Alcor #1
Stack 18
Dataset 1
0
1000
2000
01
02
03
04
05
06
07
Halliburton
ACQ 1.98

Spectral analysis





Vibrator Analysis

Title for Tests
Printed on All Results Pages

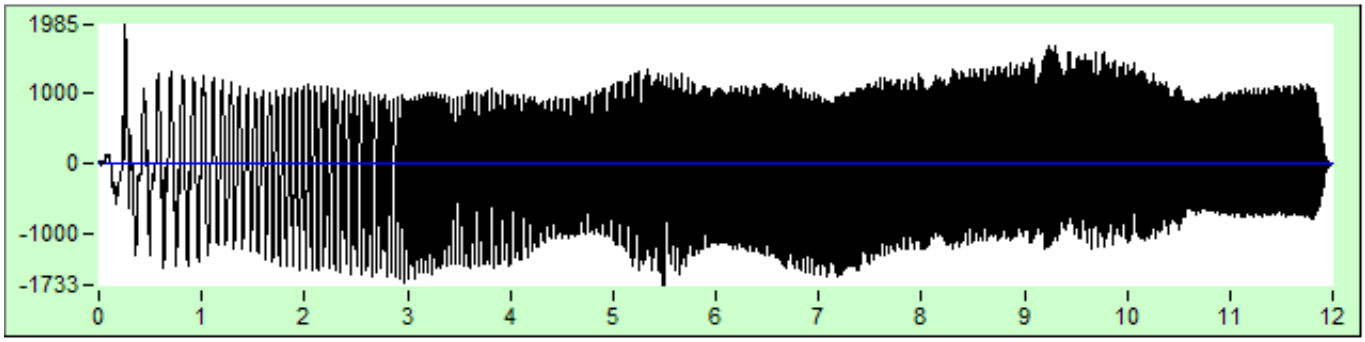
Recorded on 27th August '12 at 12:54:00 pm
Processed on 27th August 2012 at 2:08:06 pm

Record to Process	Reference Chan.	Minimum Frequency	Vibrator Id.
2001	1	4 Hz @ -20 dB	1

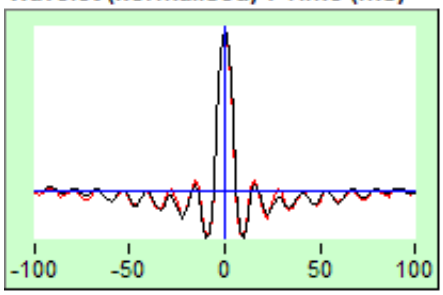
Record Found	Data Channel	Maximum Frequency	Phase Spec.
2001	4	80 Hz @ -20 dB	10

Sample Interval (ms)	Start Time Ref.	Start Time Error (us)	Ghost Spec. (dB)	Sweep Start (s)	Sweep Len (s)
2.00	1	0	40	0.000	12.000

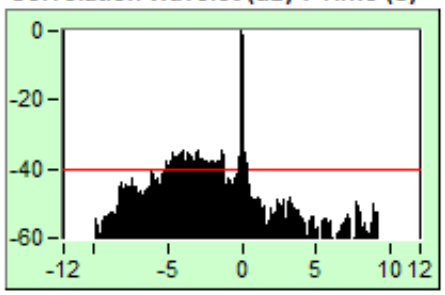
Data Trace (mV)



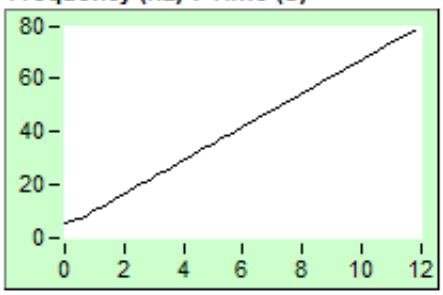
Wavelet (Normalised) v Time (ms)



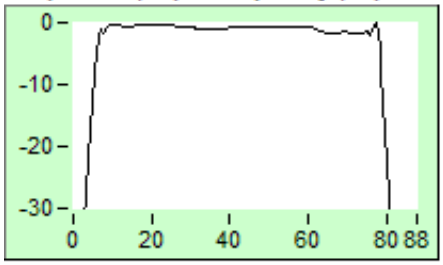
Correlation Wavelet (dB) v Time (s)



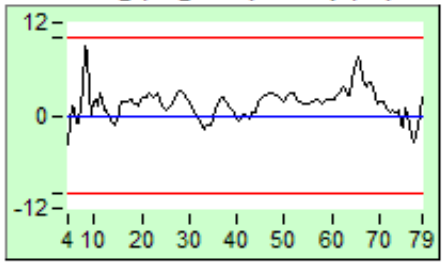
Frequency (Hz) v Time (s)



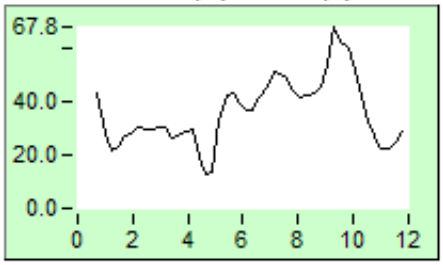
Amplitude (dB) v Frequency (Hz)



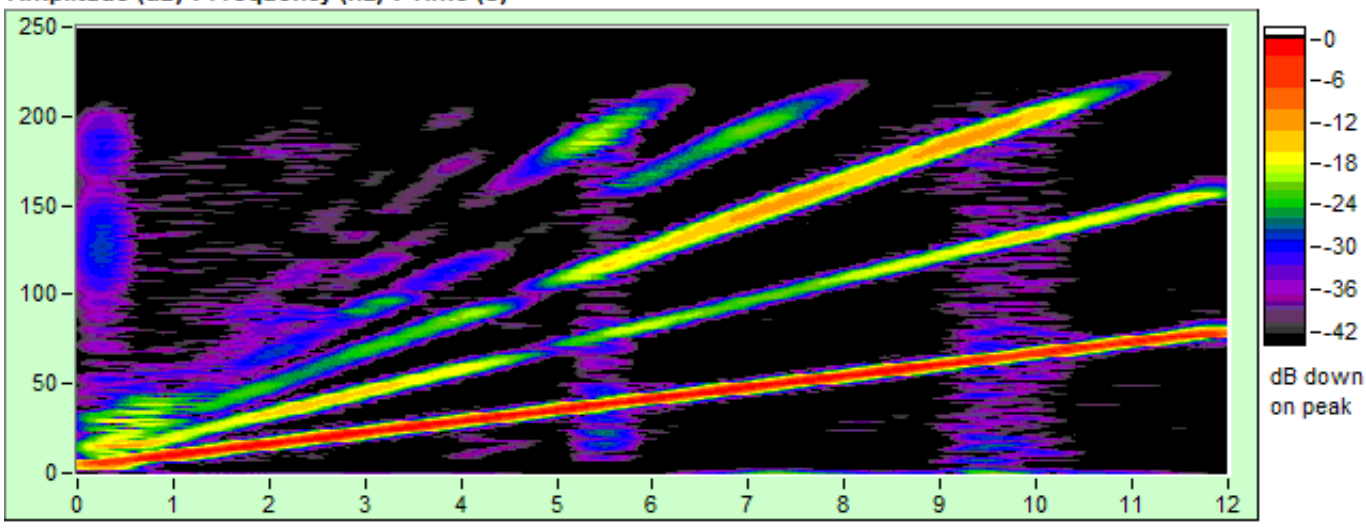
Phase Lag (Degrees) v Freq. (Hz)



Total Distortion (%) v Time (s)



Amplitude (dB) v Frequency (Hz) v Time (s)



Vibrator Analysis

Title for Tests
Printed on All Results Pages

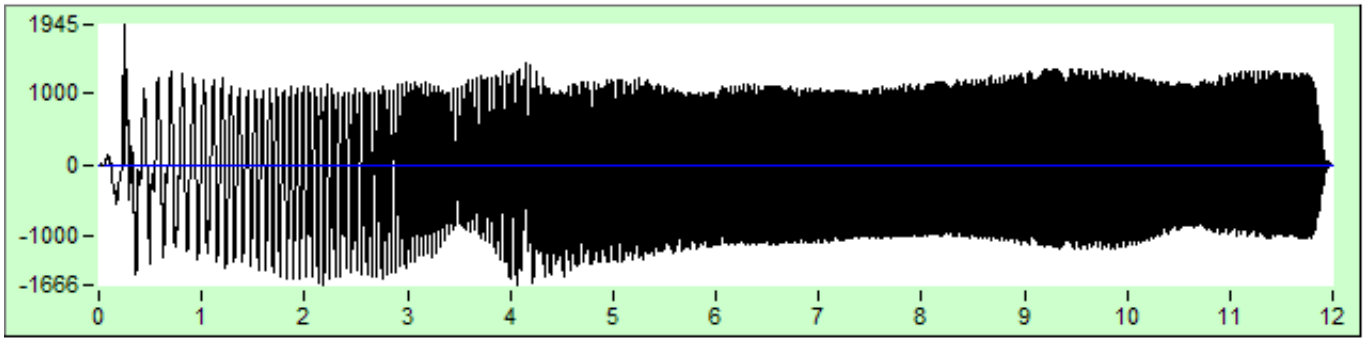
Recorded on 27th August '12 at 11:14:10 pm
Processed on 28th August 2012 at 0:15:23 am

Record to Process	Reference Chan.	Minimum Frequency	Vibrator Id.
2415	1	4 Hz @ -20 dB	1

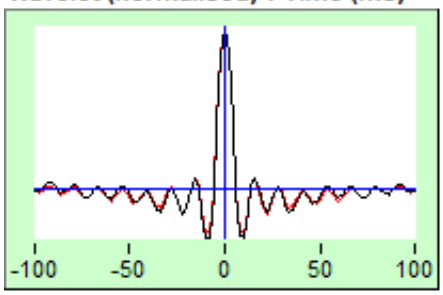
Record Found	Data Channel	Maximum Frequency	Phase Spec.
2415	4	80 Hz @ -20 dB	10

Sample Interval (ms)	Start Time Ref.	Start Time Error (us)	Ghost Spec. (dB)	Sweep Start (s)	Sweep Len (s)
2.00	1	0	40	0.000	12.000

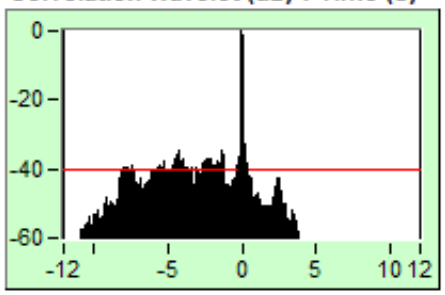
Data Trace (mV)



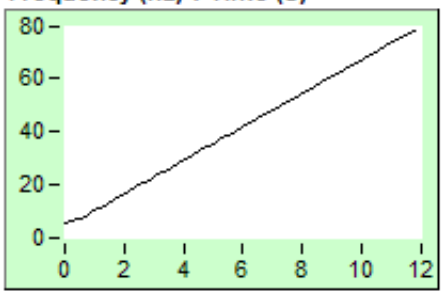
Wavelet (Normalised) v Time (ms)



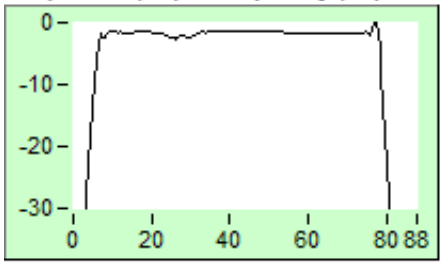
Correlation Wavelet (dB) v Time (s)



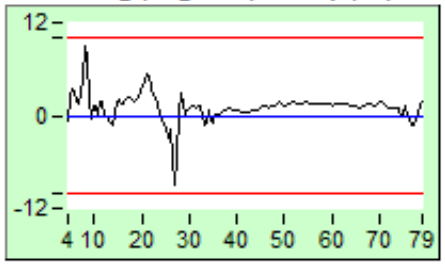
Frequency (Hz) v Time (s)



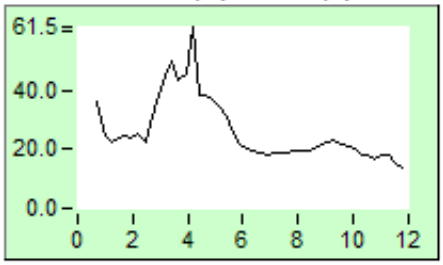
Amplitude (dB) v Frequency (Hz)



Phase Lag (Degrees) v Freq. (Hz)



Total Distortion (%) v Time (s)



Amplitude (dB) v Frequency (Hz) v Time (s)