

COMPANY : ESSO AUSTRALIA LTD.  
COUNTRY : AUSTRALIA  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
JOB REF : 540175

DEPT. NAT. RES & ENV



PE907051

*Attachment to WCR  
Velocity Survey Report  
Tuna-4  
(W868)*

AUSTRALIAN LOG  
INTERPRETATION CENTRE

Schlumberger

*Shots*

ANALYST: R,BUNT

25-JUL-84 14:18:56

PROGRAM: GSHOT 007.E05

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*          SCHLUMBERGER                *  
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GEOPHYSICAL AIRGUN REPORT

COMPANY : ESSO AUSTRALIA LTD.  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
COUNTRY : AUSTRALIA  
REFERENCE: FS2A,540,175  
LOGGED : 8-JUL-84

LONG DEFINITIONS

- GLOBAL
- DF - ELEVATION OF THE DERRICK FLOOR - ABOVE MSL OR MWL
  - SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL
  - EDF - ELEVATION OF DERRICK FLOOR
  - GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD
  - VELHYD - VELOCITY OF THE MEDIUM BETWEEN THE SOURCE AND THE HYDROPHONE
  - VELSUR - VELOCITY OF THE MEDIUM BETWEEN THE SOURCE AND THE SRD
- MATRIX
- GUNELZ - SOURCE ELEVATION ABOVE SRD (ONE FOR THE WHOLE JOB; OR ONE PER SHOT)
  - GUNEWZ - SOURCE DISTANCE FROM THE BOREHOLE AXIS IN EW DIRECTION (CF. GUNELZ)
  - GUNNSZ - SOURCE DISTANCE FROM THE BOREHOLE AXIS IN NS DIRECTION (CF. GUNELZ)
  - HYDELZ - HYDROPHONE ELEVATION ABOVE SRD (CF. GUNELZ)
  - HYDELW - HYDROPHONE DISTANCE FROM THE BOREH AXIS IN EW DIRECTION (CF GUNELZ)
  - HYDNSZ - HYDROPHONE DISTANCE FROM THE BOREH AXIS IN NS DIRECTION (CF GUNELZ)
  - TRTHYD - TRAVEL TIME FROM THE HYDROPHONE TO THE SOURCE
  - TRTSRD - TRAVEL TIME FROM THE SOURCE TO THE SRD
  - DEWEL - DEVIATED WELL DATA PER SHOT : MEAS. DEPTH, VERT. DEPTH, EW, NS

- SAMPLED
- SHOT.GSH - SHOT NUMBER
  - DDF.GSH - MEASURED DEPTH FROM DERRICK FLOOR
  - DSRD.GSH - DEPTH FROM SRD
  - DGL.GSH - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)
  - TIM.GSH - MEASURED TRAVEL TIME FROM HYDROPHONE TO GEOPHONE
  - TIMV.GSH - VERTICAL TRAVEL TIME FROM THE SOURCE TO THE GEOPHONE
  - SHTM.GSH - SHOT TIME (WST)
  - AVGV.GSH - AVERAGE SEISMIC VELOCITY
  - DELZ.GSH - DEPTH INTERVAL BETWEEN SUCCESSIVE SHOTS
  - DELT.GSH - TRAVEL TIME INTERVAL BETWEEN SUCCESSIVE SHOTS
  - INTV.GSH - INTERNAL VELOCITY, AVERAGE

(GLOBAL PARAMETERS)

(VALUE)

ELEV OF DF AB. MSL (WST)	DF	:	20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	:	0	M
ELEVATION OF DERRICK FLO	EDF	:	20.7000	M
ELEV OF GL AB. SRD(WST)	GL	:	-60.0000	M
VEL SOURCE-HYDRO(WST)	VELHYD	:	1480.00	M/S
VEL SOURCE-SRD (WST)	VELSUR	:	1480.00	M/S

(MATRIX PARAMETERS)

	SOURCE ELV M	SOURCE EW M	SOURCE NS M	HYDRO ELEV M	HYDRO EW M	HYDRO NS M
1	-9.10	35.47	29.76	-9.10	35.47	29.76

	TRT HYD-SC MS	TRT SC-SRD MS
1	0	6.15

	MD @ DF M	VD @ DF M	VD @ SRD M	E-W COORD M	N-S COORD M
1	600.00	600.00	579.30	0	0
2	800.00	800.00	779.30	0	0
3	1000.00	1000.00	979.30	0	0
4	1200.00	1200.00	1179.30	0	0
5	1371.00	1371.00	1350.30	0	0
6	1565.00	1565.00	1544.30	0	0
7	1800.00	1800.00	1779.30	0	0
8	2040.00	2040.00	2019.30	0	0
9	2200.00	2200.00	2179.30	0	0
10	2400.00	2400.00	2379.30	0	0
11	2470.00	2470.00	2449.30	0	0
12	2685.00	2685.00	2664.30	0	0
13	3000.00	3000.00	2979.30	0	0
14	3030.00	3030.00	3009.30	0	0
15	3300.00	3300.00	3279.30	0	0

LEVEL NUMBER	MEASUR DEPTH FROM DF M	VERTIC DEPTH FROM SRD M	VERTIC DEPTH FROM GL M	OBSERV TRAVEL TIME HYD/GEO MS	VERTIC TRAVEL TIME SRC/GEO MS	VERTIC TRAVEL TIME SRD/GEO MS	AVERAGE VELOC SRD/GEO M/S	DELTA DEPTH BETWEEN SHOTS M	DELTA TIME BETWEEN SHOTS MS	INTERV VELOC BETWEEN SHOTS M/S
1	600.00	579.30	519.30	273.87	272.97	279.12	2075			
2	800.00	779.30	719.30	341.00	340.39	346.53	2249	200.00	67.41	2967
3	1000.00	979.30	919.30	419.00	418.52	424.67	2306	200.00	78.14	2560
4	1200.00	1179.30	1119.30	496.00	495.61	501.76	2350	200.00	77.09	2594
5	1371.00	1350.30	1290.30	559.00	558.67	564.82	2391	171.00	63.05	2712
6	1565.00	1544.30	1484.30	619.00	618.72	624.87	2471	194.00	60.05	3231
7	1800.00	1779.30	1719.30	697.00	696.76	702.91	2531	235.00	78.04	3011
8	2040.00	2019.30	1959.30	774.00	773.79	779.94	2589	240.00	77.03	3116
9	2200.00	2179.30	2119.30	821.00	820.81	826.96	2635	160.00	47.02	3403
10	2400.00	2379.30	2319.30	876.00	875.83	881.98	2698	200.00	55.02	3635
11	2470.00	2449.30	2389.30	896.00	895.84	901.99	2715	70.00	20.01	3499
12	2685.00	2664.30	2604.30	951.00	950.86	957.00	2784	215.00	55.02	3908
13	3000.00	2979.30	2919.30	1024.00	1023.88	1030.02	2892	315.00	73.02	4314
14	3030.00	3009.30	2949.30	1031.00	1030.88	1037.03	2902	30.00	7.00	4285
15	3300.00	3279.30	3219.30	1090.00	1089.89	1096.04	2992	270.00	59.01	4575

*Drift*

ANALYST: R.BUNT

25-JUL-84 16:58:22

PROGRAM: GDRIFT 007.E07

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* SCHLUMBERGER *  
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DRIFT COMPUTATION REPORT

COMPANY : ESSO AUSTRALIA LTD.  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
COUNTRY : AUSTRALIA  
REFERENCE: FS2A,540,175  
LOGGED : 8-JUL-84



ANALYST: R,BUNT

25-JUL-84 16:58:22

PROGRAM: GDRIFT 007.E07

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* SCHLUMBERGER *  
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DRIFT COMPUTATION REPORT

COMPANY : ESSO AUSTRALIA LTD.  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
COUNTRY : AUSTRALIA  
REFERENCE: FS2A,540,175  
LOGGED : 8-JUL-84

LONG DEFINITIONS

GLOBAL  
 DF - ELEVATION OF THE DERRICK FLOOR - ABOVE MSL OR MWL  
 SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL  
 EDF - ELEVATION OF DERRICK FLOOR  
 GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD  
 XSTART - TOP OF ZONE PROCESSED BY WST  
 XSTOP - BOTTOM OF ZONE PROCESSED BY WST  
 GAD001 - RAW SONIC CHANNEL NAME USED FOR WST SONIC ADJUSTMENT  
 UNFDEN - UNIFORM DENSITY VALUE

ZONE  
 LOFDEN - LAYER OPTION FLAG FOR DENSITY : -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER  
 LAYDEN - USER SUPPLIED DENSITY DATA

SAMPLED  
 SHOT - SHOT NUMBER  
 DDF - MEASURED DEPTH FROM DERRICK FLOOR  
 DSRD - DEPTH FROM SRD  
 DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)  
 SHTM - SHOT TIME (WST)  
 RAW - RAW SONIC (WST)  
 SHDR - DRIFT AT SHOT OR KNEE  
 BLSH - BLOCK SHIFT BETWEEN SHOTS OR KNEE

(GLOBAL PARAMETERS)		(VALUE)	
ELEV OF DF AB. MSL (WST)	DF	: 20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	: 0	M
ELEVATION OF DERRICK FLO	EDF	: 20.7000	M
ELEV OF GL AB. SRD(WST)	GL	: -60.0000	M
TOP OF ZONE PROCD (WST)	XSTART	: 0	M
BOT OF ZONE PROCD (WST)	XSTOP	: 0	M
RAW SONIC CH NAME (WST)	GAD001	: DT.WST.002.FLP.*	
UNIFORM DENSITY VALUE	UNFDEN	: 2.30000	G/C3

(ZONED PARAMETERS)		(VALUE)		(LIMITS)	
LAYER OPTION FLAG DENS	LOFDEN	: 1.000000		30479.7	- 0
USER SUPPLIED DENSITY DA	LAYDEN	: -999.2500	G/C3	30479.7	- 0

LEVEL NUMBER	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL M	VERTICAL TRAVEL TIME SRD/GEO MS	INTEGRATED RAW SONIC TIME MS	COMPUTED DRIFT AT LEVEL MS	COMPUTED BLK-SHFT CORRECTION US/F
1	221.13	200.43	140.43	125.83	125.83	0	0
2	600.00	579.30	519.30	279.12	279.12	0	0
3	800.00	779.30	719.30	346.53	348.66	-2.13	-3.25
4	1000.00	979.30	919.30	424.67	424.72	-.05	3.17
5	1200.00	1179.30	1119.30	501.76	501.42	.34	.59
6	1371.00	1350.30	1290.30	564.82	563.32	1.49	2.06
7	1565.00	1544.30	1484.30	624.87	623.78	1.09	-0.63
8	1800.00	1779.30	1719.30	702.91	698.07	4.84	4.86
9	2040.00	2019.30	1959.30	779.94	770.58	9.36	5.74
10	2200.00	2179.30	2119.30	826.96	815.96	11.00	3.13
11	2400.00	2379.30	2319.30	881.98	868.77	13.21	3.36
12	2470.00	2449.30	2389.30	901.99	887.71	14.27	4.64
13	2685.00	2664.30	2604.30	957.00	942.42	14.59	.44
14	3000.00	2979.30	2919.30	1030.02	1017.41	12.62	-1.91
15	3030.00	3009.30	2949.30	1037.03	1024.74	12.29	-3.34
16	3300.00	3279.30	3219.30	1096.04	1085.98	10.06	-2.51
17	3320.95	3300.25	3240.25	1100.73	1090.67	10.06	0

ANALYST: R.BUNT

26-JUL-84 19:06:38

PROGRAM: GADJST 008.E07

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SONIC ADJUSTMENT PARAMETER REPORT

COMPANY : ESSO AUSTRALIA LTD.  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
STATE : VICTORIA  
COUNTRY : AUSTRALIA  
REFERENCE: FS2A,540,175  
LOGGED : 8-JUL-84

LONG DEFINITIONS

- GLOBAL
- SRCDRF - ORIGIN OF ADJUSTMENT DATA
  - CONADJ - CONSTANT ADJUSTMENT TO AUTOMATIC DELTA-T MINIMUM = 7.5 US/F
  - UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)
- ZONE
- ZDRIFT - USER DRIFT AT BOTTOM OF THE ZONE
  - ADJOPZ - TYPE OF ADJUSTMENT IN THE DRIFT ZONE : 0=DELTA-T MIN, 1=BLOCKSHIFT
  - ADJUSZ - DELTA-T MINIMUM USED FOR ADJUSTMENT IN THE DRIFT ZONE
  - LOFVEL - LAYER OPTION FLAG FOR VELOCITY: -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER
  - LAYVEL - USER SUPPLIED VELOCITY DATA
- SAMPLED
- SHOT - SHOT NUMBER
  - VDDF - VERTICAL DEPTH RELATIVE TO DF
  - DSRD - DEPTH FROM SRD
  - DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)
  - KNEE - KNEE
  - BLSH - BLOCK SHIFT BETWEEN SHOTS OR KNEE
  - DTMI - VALUE OF DELTA-T MINIMUM USED
  - COEF - DELTA-T MIN COEFFICIENT USED IN THE DRIFT ZONE
  - DRGR - GRADIENT OF DRIFT CURVE

(GLOBAL PARAMETERS)

(VALUE)

ORIG OF ADJ DATA (WST)	SRCDRF	:	2.00000	
CONS SONIC ADJUST (WST)	CONADJ	:	7.50000	US/F
UNIFORM EARTH VELOCITY	UNERTH	:	2133.60	M/S

(ZONED PARAMETERS)

(VALUE)

(LIMITS)

USER DRIFT ZONE (WST)	ZDRIFT	:	10.06000	MS	3320.95	-	2727.00
			14.40000		2727.00	-	2467.00
			14.40000		2467.00	-	1559.00
			1.700000		1559.00	-	846.000
			-1.500000		846.000	-	221.000
			0		221.000	-	0
ADJUSMNT MODE (WST)	ADJOPZ	:	-999.2500		30479.7	-	0
USER DELTA-T MIN (WST)	ADJUSZ	:	-999.2500	US/F	30479.7	-	0
LAYER OPTION FLAG VELOC	LOFVEL	:	1.000000		30479.7	-	0
USER VELOC (WST)	LAYVEL	:	1592.800	M/S	221.130	-	0

COMPANY : ESSO AUSTRALIA LTD.

WELL : TUNA #4

PAGE 2

KNEE NUMBER	VERTICAL DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL M	DRIFT AT KNEE MS	BLOCKSHIFT USED US/F	DELTA-T MINIMUM USED US/F	REDUCTION FACTOR G	EQUIVALENT BLOCKSHIFT US/F
2	221,00	200,30	140,30	0	0	108.93	.93	-0.73
3	846,00	825,30	765,30	-1.50	1.37			1.37
4	1559,00	1538,30	1478,30	1.70	4.26			4.26
5	2467,00	2446,30	2386,30	14,40	0			0
6	2727,00	2706,30	2646,30	14,40		61.69	.78	-2.23
7	3320,95	3300,25	3240,25	10,06				

ANALYST: R,BUNT

26-JUL-84 19:07:24

PROGRAM: GADJST 008.E07

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* SCHLUMBERGER *  
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VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
STATE : VICTORIA  
COUNTRY : AUSTRALIA  
REFERENCE: FS2A,540,175  
LOGGED : 8-JUL-84

LONG DEFINITIONS

GLOBAL  
 DF - ELEVATION OF THE DERRICK FLOOR ABOVE MSL OR MWL  
 SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL  
 EDF - ELEVATION OF DERRICK FLOOR  
 GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD  
 UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)

ZONE  
 LOFVEL - LAYER OPTION FLAG FOR VELOCITY: -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER  
 LAYVEL - USER SUPPLIED VELOCITY DATA

SAMPLED  
 SHOT - SHOT NUMBER  
 DDF - MEASURED DEPTH FROM DERRICK FLOOR  
 DSRD - DEPTH FROM SRD  
 DGL - VERTICAL DEPTH RELATIVE TO GROUND LEVEL (USER'S REFERENCE)  
 SHTM - SHOT TIME (WST)  
 ADJS - ADJUSTED SONIC TRAVEL TIME  
 SHDR - DRIFT AT SHOT OR KNEE  
 REST - RESIDUAL TRAVEL TIME AT KNEE  
 INTV - INTERNAL VELOCITY, AVERAGE

(GLOBAL PARAMETERS)

(VALUE)

ELEV OF DF AB. MSL (WST)	DF	:	20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	:	0	M
ELEVATION OF DERRICK FLO	EDF	:	20.7000	M
ELEV OF GL AB. SRD(WST)	GL	:	-60.0000	M
UNIFORM EARTH VELOCITY	UNERTH	:	2133.60	M/S

(ZONED PARAMETERS)

(VALUE)

(LIMITS)

LAYER OPTION FLAG VELOC	LOFVEL	:	1.000000	30479.7	-	0
USER VELOC (WST)	LAYVEL	:	1592.800	M/S	221.130	- 0



LEVEL NUMBER	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	VERTICAL DEPTH FROM GL M	VERTICAL TRAVEL TIME SRD/GEOPH MS	INTEGRATED ADJUSTED SONIC TIME MS	DRIFT = SHOT TIME - RAW SON MS	RESIDUAL = SHOT TIME - ADJ SON MS	ADJUSTED INTERVAL VELOCITY M/S
1	221.13	200.43	140.43	125.83	125.83	0	0	1593
2	600.00	579.30	519.30	279.12	277.77	0	1.35	2494
3	800.00	779.30	719.30	346.53	347.24	-2.13	-.70	2879
4	1000.00	979.30	919.30	424.67	423.91	-.05	.76	2608
5	1200.00	1179.30	1119.30	501.76	501.51	.34	.25	2577
6	1371.00	1350.30	1290.30	564.82	564.18	1.49	.64	2729
7	1565.00	1544.30	1484.30	624.87	625.56	1.09	-.69	3161
8	1800.00	1779.30	1719.30	702.91	703.14	4.84	-.23	3029
9	2040.00	2019.30	1959.30	779.94	779.01	9.36	.93	3163
10	2200.00	2179.30	2119.30	826.96	826.62	11.00	.34	3360
11	2400.00	2379.30	2319.30	881.98	882.23	13.21	-.25	3596
12	2470.00	2449.30	2389.30	901.99	902.11	14.27	-.12	3522
13	2685.00	2664.30	2604.30	957.00	956.81	14.59	.19	3930
14	3000.00	2979.30	2919.30	1030.02	1029.48	12.62	.54	4335
15	3030.00	3009.30	2949.30	1037.03	1036.54	12.29	.48	4251
16	3300.00	3279.30	3219.30	1096.04	1096.34	10.06	-.30	4515
17	3320.95	3300.25	3240.25	1100.73	1100.93	10.06	-.20	4569

*Time / Depth*

ANALYST: R.BUNT

27-JUL-84 00:16:32

PROGRAM: GTRFRM 007.E08

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*   SCHLUMBERGER   *  
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TIME CONVERTED VELOCITY REPORT

COMPANY : ESSO AUSTRALIA LTD.  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
STATE : VICTORIA  
COUNTRY : AUSTRALIA  
REFERENCE: FS2A,540,175  
LOGGED : 8-JUL-84

LONG DEFINITIONS

GLOBAL  
 DF - ELEVATION OF THE DERRICK FLOOR ABOVE MSL OR MWL  
 SRD - ELEVATION OF THE SEISMIC REFERENCE DATUM ABOVE MSL OR MWL  
 GL - ELEVATION OF USER'S REFERENCE (GENERALLY GROUND LEVEL) ABOVE SRD  
 UNERTH - UNIFORM EARTH VELOCITY (GTRFRM)  
 UNFDEN - UNIFORM DENSITY VALUE

MATRIX  
 MVODIS - MOVE-OUT DISTANCE FROM BOREHOLE

ZONE  
 LOFVEL - LAYER OPTION FLAG FOR VELOCITY: -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER  
 LAYVEL - USER SUPPLIED VELOCITY DATA  
 LOFDEN - LAYER OPTION FLAG FOR DENSITY: -1=NONE; 0=UNIFORM; 1=UNIFORM+LAYER  
 LAYDEN - USER SUPPLIED DENSITY DATA

SAMPLED  
 TWOT - TWO WAY TRAVEL TIME (RELATIVE TO THE SEISMIC REFERENCE)  
 DDF - MEASURED DEPTH FROM DERRICK FLOOR  
 DSRD - DEPTH FROM SRD  
 AVGV - AVERAGE SEISMIC VELOCITY  
 RMSV - ROOT MEAN SQUARE VELOCITY (SEISMIC)  
 MVOT - NORMAL MOVE-OUT  
 MVOT - NORMAL MOVE-OUT  
 MVOT - NORMAL MOVE-OUT  
 INTV - INTERNAL VELOCITY, AVERAGE

(GLOBAL PARAMETERS)

(VALUE)

ELEV OF DF AB. MSL (WST)	DF	:	20.7000	M
ELEV OF SRD AB. MSL(WST)	SRD	:	0	M
ELEV OF GL AB. SRD(WST)	GL	:	-60.0000	M
UNIFORM EARTH VELOCITY	UNERTH	:	2133.60	M/S
UNIFORM DENSITY VALUE	UNFDEN	:	2.30000	G/C3

(MATRIX PARAMETERS)

MVOUT DIST  
M

1	914.4
2	1371.6
3	1828.8

COMPANY : ESSO AUSTRALIA LTD.

WELL : TUNA #4

PAGE 2

(ZONED PARAMETERS)	(VALUE)	(LIMITS)
LAYER OPTION FLAG VELOC LOFVEL	: 1.000000	30479.7 - 0
USER VELOC (WST) LAYVEL	: 1592.800 M/S	221.130 - 0
LAYER OPTION FLAG DENS LOFDEN	: 1.000000	30479.7 - 0
USER SUPPLIED DENSITY DA LAYDEN	: 999.2500 G/C3	30479.7 - 0

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GE0 M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
								1593
0	20.70	0						1593
2.00	22.29	1.59	1593	1593	572.09	859.13	1146.17	1593
4.00	23.89	3.19	1593	1593	570.10	857.13	1144.17	1593
6.00	25.48	4.78	1593	1593	568.11	855.15	1142.18	1593
8.00	27.07	6.37	1593	1593	566.14	853.16	1140.19	1593
10.00	28.66	7.96	1593	1593	564.17	851.18	1138.21	1593
12.00	30.26	9.56	1593	1593	562.21	849.21	1136.23	1593
14.00	31.85	11.15	1593	1593	560.25	847.24	1134.25	1593
16.00	33.44	12.74	1593	1593	558.31	845.27	1132.28	1593
18.00	35.04	14.34	1593	1593	556.37	843.31	1130.31	1593
20.00	36.63	15.93	1593	1593	554.43	841.36	1128.34	1593
22.00	38.22	17.52	1593	1593	552.50	839.41	1126.38	1593
24.00	39.81	19.11	1593	1593	550.58	837.46	1124.42	1593
26.00	41.41	20.71	1593	1593	548.67	835.52	1122.46	1593
28.00	43.00	22.30	1593	1593	546.77	833.58	1120.51	1593
30.00	44.59	23.89	1593	1593	544.87	831.65	1118.56	1593
32.00	46.18	25.48	1593	1593	542.97	829.72	1116.61	1593
34.00	47.78	27.08	1593	1593	541.09	827.80	1114.67	1593
36.00	49.37	28.67	1593	1593	539.21	825.88	1112.73	1593
38.00	50.96	30.26	1593	1593	537.34	823.96	1110.80	1593
40.00	52.56	31.86	1593	1593	535.48	822.05	1108.86	1593
42.00	54.15	33.45	1593	1593	533.62	820.15	1106.93	1593
44.00	55.74	35.04	1593	1593	531.77	818.25	1105.01	1593
46.00	57.33	36.63	1593	1593	529.92	816.35	1103.09	1593

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
48.00	58.93	38.23	1593	1593	528.09	814.46	1101.17	1593
50.00	60.52	39.82	1593	1593	526.26	812.58	1099.26	1593
52.00	62.11	41.41	1593	1593	524.43	810.69	1097.34	1593
54.00	63.71	43.01	1593	1593	522.62	808.82	1095.44	1593
56.00	65.30	44.60	1593	1593	520.81	806.94	1093.53	1593
58.00	66.89	46.19	1593	1593	519.01	805.08	1091.63	1593
60.00	68.48	47.78	1593	1593	517.21	803.21	1089.73	1593
62.00	70.08	49.38	1593	1593	515.42	801.35	1087.84	1593
64.00	71.67	50.97	1593	1593	513.64	799.50	1085.95	1593
66.00	73.26	52.56	1593	1593	511.86	797.65	1084.06	1593
68.00	74.86	54.16	1593	1593	510.10	795.81	1082.18	1593
70.00	76.45	55.75	1593	1593	508.34	793.97	1080.30	1593
72.00	78.04	57.34	1593	1593	506.58	792.13	1078.42	1593
74.00	79.63	58.93	1593	1593	504.83	790.30	1076.55	1593
76.00	81.23	60.53	1593	1593	503.09	788.47	1074.68	1593
78.00	82.82	62.12	1593	1593	501.36	786.65	1072.81	1593
80.00	84.41	63.71	1593	1593	499.63	784.83	1070.95	1593
82.00	86.00	65.30	1593	1593	497.91	783.02	1069.09	1593
84.00	87.60	66.90	1593	1593	496.20	781.21	1067.24	1593
86.00	89.19	68.49	1593	1593	494.49	779.41	1065.38	1593
88.00	90.78	70.08	1593	1593	492.79	777.61	1063.53	1593
90.00	92.38	71.68	1593	1593	491.10	775.82	1061.69	1593
92.00	93.97	73.27	1593	1593	489.41	774.03	1059.85	1593
94.00	95.56	74.86	1593	1593	487.73	772.24	1058.01	1593

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
96.00	97.15	76.45	1593	1593	486.05	770.46	1056.17	1593
98.00	98.75	78.05	1593	1593	484.39	768.68	1054.34	1593
100.00	100.34	79.64	1593	1593	482.73	766.91	1052.51	1593
102.00	101.93	81.23	1593	1593	481.07	765.15	1050.69	1593
104.00	103.53	82.83	1593	1593	479.43	763.38	1048.87	1593
106.00	105.12	84.42	1593	1593	477.79	761.62	1047.05	1593
108.00	106.71	86.01	1593	1593	476.15	759.87	1045.23	1593
110.00	108.30	87.60	1593	1593	474.53	758.12	1043.42	1593
112.00	109.90	89.20	1593	1593	472.91	756.38	1041.62	1593
114.00	111.49	90.79	1593	1593	471.29	754.64	1039.81	1593
116.00	113.08	92.38	1593	1593	469.69	752.90	1038.01	1593
118.00	114.68	93.98	1593	1593	468.09	751.17	1036.21	1593
120.00	116.27	95.57	1593	1593	466.49	749.45	1034.42	1593
122.00	117.86	97.16	1593	1593	464.90	747.72	1032.63	1593
124.00	119.45	98.75	1593	1593	463.32	746.01	1030.84	1593
126.00	121.05	100.35	1593	1593	461.75	744.29	1029.06	1593
128.00	122.64	101.94	1593	1593	460.18	742.59	1027.28	1593
130.00	124.23	103.53	1593	1593	458.62	740.88	1025.50	1593
132.00	125.82	105.12	1593	1593	457.06	739.18	1023.73	1593
134.00	127.42	106.72	1593	1593	455.51	737.49	1021.96	1593
136.00	129.01	108.31	1593	1593	453.97	735.80	1020.19	1593
138.00	130.60	109.90	1593	1593	452.44	734.11	1018.43	1593
140.00	132.20	111.50	1593	1593	450.91	732.43	1016.67	1593
142.00	133.79	113.09	1593	1593	449.38	730.75	1014.91	1593



COMPANY : ESSO AUSTRALIA LTD.

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TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
144.00	135.38	114.68	1593	1593	447.87	729.08	1013.16	1593
146.00	136.97	116.27	1593	1593	446.36	727.41	1011.41	1593
148.00	138.57	117.87	1593	1593	444.85	725.75	1009.67	1593
150.00	140.16	119.46	1593	1593	443.36	724.09	1007.92	1593
152.00	141.75	121.05	1593	1593	441.87	722.44	1006.18	1593
154.00	143.35	122.65	1593	1593	440.38	720.79	1004.45	1593
156.00	144.94	124.24	1593	1593	438.90	719.14	1002.72	1593
158.00	146.53	125.83	1593	1593	437.43	717.50	1000.99	1593
160.00	148.12	127.42	1593	1593	435.96	715.86	999.26	1593
162.00	149.72	129.02	1593	1593	434.50	714.23	997.54	1593
164.00	151.31	130.61	1593	1593	433.05	712.60	995.82	1593
166.00	152.90	132.20	1593	1593	431.60	710.98	994.10	1593
168.00	154.50	133.80	1593	1593	430.16	709.36	992.39	1593
170.00	156.09	135.39	1593	1593	428.73	707.75	990.68	1593
172.00	157.68	136.98	1593	1593	427.30	706.13	988.98	1593
174.00	159.27	138.57	1593	1593	425.87	704.53	987.28	1593
176.00	160.87	140.17	1593	1593	424.46	702.93	985.58	1593
178.00	162.46	141.76	1593	1593	423.05	701.33	983.88	1593
180.00	164.05	143.35	1593	1593	421.64	699.74	982.19	1593
182.00	165.64	144.94	1593	1593	420.24	698.15	980.50	1593
184.00	167.24	146.54	1593	1593	418.85	696.56	978.82	1593
186.00	168.83	148.13	1593	1593	417.46	694.98	977.13	1593
188.00	170.42	149.72	1593	1593	416.08	693.41	975.46	1593
190.00	172.02	151.32	1593	1593	414.71	691.84	973.78	1593

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
192.00	173.61	152.91	1593	1593	413.34	690.27	972.11	1593
194.00	175.20	154.50	1593	1593	411.98	688.71	970.44	1593
196.00	176.79	156.09	1593	1593	410.62	687.15	968.78	1593
198.00	178.39	157.69	1593	1593	409.27	685.60	967.11	1593
200.00	179.98	159.28	1593	1593	407.92	684.05	965.46	1593
202.00	181.57	160.87	1593	1593	406.58	682.50	963.80	1593
204.00	183.17	162.47	1593	1593	405.25	680.96	962.15	1593
206.00	184.76	164.06	1593	1593	403.92	679.42	960.50	1593
208.00	186.35	165.65	1593	1593	402.60	677.89	958.86	1593
210.00	187.94	167.24	1593	1593	401.29	676.36	957.21	1593
212.00	189.54	168.84	1593	1593	399.98	674.84	955.57	1593
214.00	191.13	170.43	1593	1593	398.67	673.32	953.94	1593
216.00	192.72	172.02	1593	1593	397.37	671.80	952.31	1593
218.00	194.32	173.62	1593	1593	396.08	670.29	950.68	1593
220.00	195.91	175.21	1593	1593	394.79	668.78	949.05	1593
222.00	197.50	176.80	1593	1593	393.51	667.28	947.43	1593
224.00	199.09	178.39	1593	1593	392.24	665.78	945.81	1593
226.00	200.69	179.99	1593	1593	390.97	664.29	944.20	1593
228.00	202.28	181.58	1593	1593	389.70	662.80	942.59	1593
230.00	203.87	183.17	1593	1593	388.44	661.31	940.98	1593
232.00	205.46	184.76	1593	1593	387.19	659.83	939.37	1593
234.00	207.06	186.36	1593	1593	385.94	658.35	937.77	1593
236.00	208.65	187.95	1593	1593	384.70	656.88	936.17	1593
238.00	210.24	189.54	1593	1593	383.46	655.41	934.57	1593

COMPANY : ESSO AUSTRALIA LTD.

WELL : TUNA #4

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TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
240.00	211.84	191.14	1593	1593	382.23	653.94	932.98	1593
242.00	213.43	192.73	1593	1593	381.01	652.48	931.39	1593
244.00	215.02	194.32	1593	1593	379.79	651.03	929.81	1593
246.00	216.61	195.91	1593	1593	378.57	649.57	928.22	1593
248.00	218.21	197.51	1593	1593	377.36	648.13	926.65	1593
250.00	219.80	199.10	1593	1593	376.16	646.68	925.07	1593
252.00	221.50	200.80	1594	1594	374.67	644.80	922.89	1697
254.00	223.66	202.96	1598	1599	371.74	640.62	917.61	2165
256.00	225.86	205.16	1603	1604	368.77	636.38	912.22	2193
258.00	228.06	207.36	1607	1610	365.83	632.18	906.90	2199
260.00	230.13	209.43	1611	1614	363.34	628.68	902.51	2079
262.00	232.23	211.53	1615	1618	360.83	625.13	898.05	2099
264.00	234.42	213.72	1619	1623	358.06	621.18	893.05	2191
266.00	236.58	215.88	1623	1628	355.47	617.49	888.39	2153
268.00	238.71	218.01	1627	1632	352.99	613.97	883.96	2130
270.00	240.88	220.18	1631	1637	350.41	610.29	879.32	2175
272.00	243.06	222.36	1635	1642	347.86	606.65	874.72	2180
274.00	245.26	224.56	1639	1646	345.29	602.97	870.05	2202
276.00	247.43	226.73	1643	1651	342.87	599.51	865.69	2166
278.00	249.60	228.90	1647	1655	340.46	596.07	861.35	2173
280.00	251.78	231.08	1651	1659	338.08	592.66	857.05	2179
282.00	253.97	233.27	1654	1664	335.72	589.28	852.78	2185
284.00	256.15	235.45	1658	1668	333.41	585.98	848.61	2178
286.00	258.25	237.55	1661	1671	331.32	583.02	844.91	2107

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY, M/S
288.00	260.41	239.71	1665	1675	329.13	579.89	840.96	2161
290.00	262.63	241.93	1668	1680	326.82	576.56	836.75	2217
292.00	264.77	244.07	1672	1683	324.75	573.61	833.05	2136
294.00	266.99	246.29	1675	1687	322.50	570.36	828.93	2223
296.00	269.23	248.53	1679	1692	320.23	567.08	824.77	2241
298.00	271.47	250.77	1683	1696	318.01	563.86	820.69	2238
300.00	273.71	253.01	1687	1700	315.81	560.67	816.64	2242
302.00	275.94	255.24	1690	1704	313.68	557.58	812.73	2228
304.00	278.17	257.47	1694	1708	311.57	554.52	808.86	2231
306.00	280.39	259.69	1697	1712	309.51	551.54	805.09	2222
308.00	282.62	261.92	1701	1716	307.46	548.57	801.32	2233
310.00	284.84	264.14	1704	1720	305.47	545.68	797.67	2217
312.00	287.08	266.38	1708	1724	303.46	542.75	793.96	2241
314.00	289.33	268.63	1711	1727	301.47	539.86	790.28	2242
316.00	291.58	270.88	1714	1731	299.49	536.95	786.60	2256
318.00	293.93	273.23	1718	1736	297.32	533.76	782.51	2349
320.00	296.19	275.49	1722	1740	295.39	530.93	778.92	2257
322.00	298.46	277.76	1725	1743	293.45	528.09	775.30	2274
324.00	300.75	280.05	1729	1747	291.51	525.23	771.65	2289
326.00	303.06	282.36	1732	1751	289.55	522.35	767.98	2307
328.00	305.34	284.64	1736	1755	287.67	519.57	764.44	2286
330.00	307.64	286.94	1739	1759	285.79	516.80	760.91	2297
332.00	309.95	289.25	1742	1763	283.91	514.01	757.36	2311
334.00	312.26	291.56	1746	1766	282.06	511.27	753.86	2309

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
336.00	314.57	293.87	1749	1770	280.23	508.57	750.41	2307
338.00	316.87	296.17	1753	1774	278.43	505.91	747.00	2307
340.00	319.18	298.48	1756	1777	276.66	503.27	743.64	2308
342.00	321.51	300.81	1759	1781	274.88	500.61	740.24	2326
344.00	323.84	303.14	1762	1785	273.11	497.98	736.87	2331
346.00	326.17	305.47	1766	1788	271.36	495.37	733.53	2332
348.00	328.49	307.79	1769	1792	269.65	492.82	730.27	2321
350.00	330.81	310.11	1772	1795	267.97	490.31	727.05	2321
352.00	333.16	312.46	1775	1799	266.27	487.76	723.79	2344
354.00	335.53	314.83	1779	1803	264.54	485.15	720.43	2375
356.00	337.91	317.21	1782	1806	262.83	482.58	717.12	2376
358.00	340.31	319.61	1786	1810	261.09	479.95	713.73	2404
360.00	342.72	322.02	1789	1814	259.37	477.35	710.37	2409
362.00	345.13	324.43	1792	1818	257.67	474.77	707.04	2413
364.00	347.54	326.84	1796	1822	256.01	472.24	703.78	2404
366.00	349.94	329.24	1799	1826	254.36	469.75	700.56	2405
368.00	352.37	331.67	1803	1829	252.72	467.23	697.31	2422
370.00	354.76	334.06	1806	1833	251.13	464.82	694.19	2396
372.00	357.18	336.48	1809	1836	249.53	462.39	691.04	2416
374.00	359.60	338.90	1812	1840	247.94	459.95	687.89	2426
376.00	362.04	341.34	1816	1844	246.36	457.53	684.75	2434
378.00	364.50	343.80	1819	1848	244.75	455.06	681.54	2463
380.00	366.90	346.20	1822	1851	243.27	452.79	678.60	2397
382.00	369.35	348.65	1825	1855	241.72	450.41	675.52	2449

MULTISTRAM BY THORNQUEST PRESS (W.A.) 2633

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
384,00	371,75	351,05	1828	1858	240,26	448,17	672,61	2406
386,00	374,17	353,47	1831	1861	238,79	445,91	669,69	2420
388,00	376,56	355,86	1834	1864	237,39	443,75	666,89	2391
390,00	379,05	358,35	1838	1868	235,87	441,40	663,82	2486
392,00	381,49	360,79	1841	1871	234,43	439,18	660,94	2437
394,00	383,93	363,23	1844	1875	233,01	436,98	658,07	2443
396,00	386,40	365,70	1847	1878	231,57	434,74	655,15	2468
398,00	388,89	368,19	1850	1882	230,11	432,46	652,17	2498
400,00	391,39	370,69	1853	1885	228,67	430,21	649,24	2495
402,00	393,83	373,13	1856	1889	227,32	428,11	646,50	2439
404,00	396,38	375,68	1860	1892	225,84	425,79	643,44	2554
406,00	398,93	378,23	1863	1896	224,39	423,50	640,44	2547
408,00	401,50	380,80	1867	1900	222,92	421,19	637,39	2573
410,00	404,10	383,40	1870	1904	221,44	418,85	634,31	2597
412,00	406,69	385,99	1874	1908	219,99	416,55	631,27	2594
414,00	409,32	388,62	1877	1912	218,51	414,20	628,16	2627
416,00	411,74	391,04	1880	1915	217,30	412,31	625,69	2421
418,00	414,22	393,52	1883	1918	216,03	410,30	623,06	2485
420,00	416,69	395,99	1886	1921	214,80	408,37	620,52	2462
422,00	419,18	398,48	1889	1924	213,55	406,38	617,92	2497
424,00	421,81	401,11	1892	1928	212,16	404,17	614,98	2621
426,00	424,41	403,71	1895	1932	210,81	402,01	612,12	2606
428,00	427,01	406,31	1899	1935	209,49	399,89	609,31	2601
430,00	429,80	409,10	1903	1940	207,96	397,42	606,00	2789

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
432.00	432.49	411.79	1906	1944	206.58	395.19	603.02	2684
434.00	435.09	414.39	1910	1948	205.31	393.14	600.31	2601
436.00	437.52	416.82	1912	1950	204.23	391.43	598.06	2430
438.00	440.06	419.36	1915	1954	203.05	389.54	595.56	2541
440.00	442.66	421.96	1918	1957	201.82	387.55	592.92	2604
442.00	445.34	424.64	1921	1961	200.52	385.45	590.10	2679
444.00	447.97	427.27	1925	1964	199.29	383.46	587.46	2627
446.00	450.74	430.04	1928	1969	197.94	381.24	584.47	2767
448.00	453.42	432.72	1932	1972	196.68	379.19	581.73	2688
450.00	456.13	435.43	1935	1976	195.42	377.13	578.96	2709
452.00	458.70	438.00	1938	1979	194.32	375.34	576.58	2566
454.00	461.40	440.70	1941	1983	193.09	373.34	573.89	2702
456.00	464.16	443.46	1945	1987	191.82	371.26	571.08	2760
458.00	466.93	446.23	1949	1991	190.56	369.18	568.28	2770
460.00	469.53	448.83	1951	1994	189.49	367.42	565.93	2593
462.00	472.36	451.66	1955	1999	188.20	365.28	563.03	2835
464.00	475.23	454.53	1959	2003	186.89	363.11	560.08	2866
466.00	477.95	457.25	1962	2007	185.73	361.20	557.50	2728
468.00	480.70	460.00	1966	2011	184.58	359.28	554.91	2744
470.00	483.40	462.70	1969	2014	183.47	357.45	552.44	2703
472.00	486.12	465.42	1972	2018	182.36	355.62	549.97	2718
474.00	488.84	468.14	1975	2021	181.27	353.81	547.52	2717
476.00	491.63	470.93	1979	2025	180.13	351.90	544.93	2789
478.00	494.44	473.74	1982	2029	178.98	349.97	542.30	2819

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
480.00	497.30	476.60	1986	2033	177.80	348.00	539.61	2859
482.00	500.30	479.60	1990	2038	176.52	345.83	536.63	2998
484.00	503.01	482.31	1993	2041	175.50	344.12	534.32	2713
486.00	505.71	485.01	1996	2044	174.50	342.46	532.07	2694
488.00	508.29	487.59	1998	2047	173.61	340.98	530.08	2579
490.00	511.09	490.39	2002	2050	172.55	339.20	527.65	2799
492.00	513.80	493.10	2004	2054	171.58	337.57	525.44	2709
494.00	516.59	495.89	2008	2057	170.56	335.84	523.08	2789
496.00	519.21	498.51	2010	2060	169.67	334.36	521.07	2625
498.00	522.06	501.36	2013	2063	168.62	332.58	518.63	2850
500.00	524.75	504.05	2016	2066	167.71	331.03	516.52	2694
502.00	527.56	506.86	2019	2070	166.71	329.35	514.22	2804
504.00	530.32	509.62	2022	2073	165.76	327.74	512.02	2766
506.00	533.04	512.34	2025	2076	164.86	326.22	509.94	2712
508.00	535.78	515.08	2028	2079	163.95	324.67	507.82	2740
510.00	538.24	517.54	2030	2081	163.24	323.48	506.22	2462
512.00	541.01	520.31	2032	2084	162.32	321.92	504.08	2775
514.00	543.98	523.28	2036	2088	161.28	320.12	501.59	2963
516.00	546.76	526.06	2039	2091	160.38	318.58	499.46	2784
518.00	549.19	528.49	2041	2092	159.71	317.47	497.97	2430
520.00	552.04	531.34	2044	2096	158.78	315.86	495.76	2852
522.00	554.82	534.12	2046	2099	157.91	314.37	493.70	2781
524.00	557.31	536.61	2048	2101	157.23	313.22	492.15	2490
526.00	559.60	538.90	2049	2101	156.67	312.29	490.92	2287



TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
528.00	562.03	541.33	2051	2103	156.03	311.22	489.47	2434
530.00	564.71	544.01	2053	2105	155.25	309.89	487.64	2680
532.00	567.43	546.73	2055	2108	154.46	308.52	485.75	2717
534.00	569.87	549.17	2057	2109	153.84	307.47	484.34	2437
536.00	572.77	552.07	2060	2113	152.94	305.91	482.17	2898
538.00	575.46	554.76	2062	2115	152.18	304.60	480.36	2696
540.00	578.06	557.36	2064	2117	151.49	303.41	478.73	2596
542.00	580.82	560.12	2067	2120	150.70	302.06	476.85	2760
544.00	583.69	562.99	2070	2123	149.86	300.58	474.80	2872
546.00	586.45	565.75	2072	2126	149.09	299.25	472.95	2762
548.00	589.32	568.62	2075	2129	148.27	297.81	470.95	2864
550.00	592.19	571.49	2078	2132	147.45	296.38	468.95	2869
552.00	594.96	574.26	2081	2135	146.70	295.08	467.13	2772
554.00	597.79	577.09	2083	2138	145.93	293.72	465.23	2831
556.00	600.58	579.88	2086	2140	145.18	292.41	463.42	2788
558.00	603.51	582.81	2089	2144	144.36	290.96	461.38	2937
560.00	606.48	585.78	2092	2147	143.53	289.49	459.32	2966
562.00	609.29	588.59	2095	2150	142.80	288.21	457.52	2810
564.00	612.09	591.39	2097	2153	142.08	286.94	455.75	2800
566.00	615.11	594.41	2100	2156	141.24	285.46	453.65	3017
568.00	618.02	597.32	2103	2159	140.47	284.10	451.74	2915
570.00	621.01	600.31	2106	2163	139.67	282.67	449.73	2991
572.00	624.00	603.30	2109	2166	138.88	281.27	447.73	2990
574.00	626.87	606.17	2112	2169	138.17	280.00	445.95	2862

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
576.00	629.82	609.12	2115	2172	137.41	278.65	444.05	2955
578.00	632.91	612.21	2118	2176	136.59	277.18	441.96	3086
580.00	635.94	615.24	2122	2180	135.81	275.79	439.97	3033
582.00	638.93	618.23	2125	2183	135.06	274.44	438.07	2990
584.00	642.06	621.36	2128	2187	134.25	272.98	435.98	3127
586.00	645.10	624.40	2131	2190	133.49	271.61	434.04	3041
588.00	647.75	627.05	2133	2192	132.93	270.62	432.64	2656
590.00	650.51	629.81	2135	2194	132.32	269.54	431.13	2755
592.00	653.48	632.78	2138	2197	131.62	268.28	429.33	2974
594.00	656.48	635.78	2141	2201	130.91	267.00	427.50	3000
596.00	659.47	638.77	2144	2204	130.21	265.74	425.71	2990
598.00	662.28	641.58	2146	2206	129.61	264.66	424.17	2810
600.00	665.10	644.40	2148	2208	129.01	263.58	422.65	2814
602.00	668.19	647.49	2151	2212	128.28	262.25	420.75	3096
604.00	671.27	650.57	2154	2215	127.57	260.96	418.89	3081
606.00	674.43	653.73	2158	2219	126.82	259.61	416.94	3158
608.00	677.49	656.79	2160	2222	126.14	258.36	415.15	3056
610.00	680.37	659.67	2163	2225	125.54	257.28	413.61	2878
612.00	683.08	662.38	2165	2227	125.02	256.33	412.27	2718
614.00	685.92	665.22	2167	2229	124.45	255.31	410.81	2832
616.00	688.75	668.05	2169	2231	123.89	254.29	409.36	2829
618.00	691.70	671.00	2172	2234	123.28	253.18	407.77	2952
620.00	694.44	673.74	2173	2236	122.76	252.25	406.44	2745
622.00	697.26	676.56	2175	2238	122.22	251.26	405.04	2815

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
624.00	700.30	679.60	2178	2241	121.59	250.11	403.37	3040
626.00	703.07	682.37	2180	2243	121.07	249.17	402.03	2777
628.00	706.11	685.41	2183	2246	120.46	248.04	400.40	3036
630.00	709.03	688.33	2185	2248	119.89	247.01	398.91	2921
632.00	711.79	691.09	2187	2250	119.40	246.11	397.63	2759
634.00	714.82	694.12	2190	2253	118.80	245.01	396.04	3026
636.00	717.88	697.18	2192	2256	118.20	243.89	394.42	3062
638.00	720.89	700.19	2195	2259	117.62	242.82	392.87	3015
640.00	723.98	703.28	2198	2262	117.01	241.70	391.25	3092
642.00	727.07	706.37	2201	2265	116.41	240.60	389.64	3087
644.00	729.77	709.07	2202	2266	115.97	239.78	388.47	2701
646.00	732.51	711.81	2204	2268	115.51	238.95	387.27	2739
648.00	735.30	714.60	2206	2270	115.04	238.08	386.03	2787
650.00	738.17	717.47	2208	2272	114.54	237.16	384.70	2876
652.00	741.03	720.33	2210	2274	114.06	236.26	383.40	2856
654.00	744.07	723.37	2212	2276	113.50	235.24	381.91	3044
656.00	747.05	726.35	2214	2279	112.98	234.27	380.50	2973
658.00	749.78	729.08	2216	2280	112.55	233.48	379.35	2738
660.00	752.53	731.83	2218	2282	112.12	232.68	378.20	2746
662.00	755.47	734.77	2220	2284	111.62	231.75	376.86	2942
664.00	758.17	737.47	2221	2286	111.21	231.00	375.76	2701
666.00	761.03	740.33	2223	2288	110.75	230.14	374.52	2857
668.00	763.87	743.17	2225	2289	110.30	229.30	373.31	2841
670.00	766.60	745.90	2227	2291	109.89	228.54	372.20	2733

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
672.00	769.24	748.54	2228	2292	109.51	227.84	371.19	2639
674.00	771.92	751.22	2229	2293	109.12	227.12	370.15	2679
676.00	774.67	753.97	2231	2295	108.71	226.36	369.05	2746
678.00	777.59	756.89	2233	2297	108.25	225.49	367.79	2927
680.00	780.31	759.61	2234	2298	107.85	224.77	366.73	2715
682.00	782.95	762.25	2235	2299	107.49	224.09	365.75	2636
684.00	785.66	764.96	2237	2301	107.10	223.37	364.71	2711
686.00	788.40	767.70	2238	2302	106.71	222.64	363.64	2748
688.00	791.02	770.32	2239	2303	106.36	221.98	362.70	2616
690.00	793.80	773.10	2241	2304	105.96	221.24	361.62	2775
692.00	796.56	775.86	2242	2306	105.57	220.51	360.55	2763
694.00	799.31	778.61	2244	2307	105.18	219.79	359.51	2749
696.00	802.13	781.43	2245	2309	104.78	219.04	358.40	2826
698.00	804.71	784.01	2246	2310	104.45	218.42	357.51	2578
700.00	807.53	786.83	2248	2311	104.06	217.68	356.42	2820
702.00	810.32	789.62	2250	2313	103.67	216.96	355.36	2791
704.00	812.80	792.10	2250	2313	103.37	216.41	354.57	2473
706.00	815.39	794.69	2251	2314	103.05	215.80	353.68	2598
708.00	818.08	797.38	2252	2315	102.70	215.14	352.72	2689
710.00	820.80	800.10	2254	2317	102.34	214.47	351.74	2722
712.00	823.35	802.65	2255	2317	102.03	213.90	350.91	2546
714.00	826.19	805.49	2256	2319	101.65	213.17	349.84	2839
716.00	828.76	808.06	2257	2320	101.34	212.59	349.00	2574
718.00	831.31	810.61	2258	2320	101.04	212.03	348.17	2551

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TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
720.00	833.95	813.25	2259	2321	100.72	211.42	347.29	2633
722.00	836.62	815.92	2260	2322	100.39	210.80	346.37	2675
724.00	839.29	818.59	2261	2323	100.06	210.18	345.47	2669
726.00	841.83	821.13	2262	2324	99.77	209.63	344.67	2542
728.00	844.51	823.81	2263	2325	99.44	209.02	343.76	2680
730.00	847.38	826.68	2265	2327	99.07	208.31	342.71	2863
732.00	850.27	829.57	2267	2328	98.69	207.59	341.64	2897
734.00	853.03	832.33	2268	2330	98.35	206.94	340.69	2758
736.00	855.63	834.93	2269	2330	98.05	206.38	339.87	2601
738.00	858.17	837.47	2270	2331	97.77	205.85	339.09	2538
740.00	860.89	840.19	2271	2332	97.45	205.24	338.19	2716
742.00	863.58	842.88	2272	2333	97.14	204.64	337.31	2597
744.00	866.01	845.31	2272	2334	96.88	204.17	336.62	2423
746.00	868.46	847.76	2273	2334	96.63	203.69	335.92	2456
748.00	870.91	850.21	2273	2334	96.38	203.21	335.22	2446
750.00	873.66	852.96	2275	2335	96.05	202.60	334.31	2753
752.00	876.30	855.60	2276	2336	95.76	202.04	333.49	2634
754.00	878.85	858.15	2276	2337	95.49	201.53	332.73	2551
756.00	881.50	860.80	2277	2338	95.20	200.97	331.90	2656
758.00	883.90	863.20	2278	2338	94.96	200.52	331.26	2399
760.00	886.54	865.84	2279	2339	94.67	199.98	330.45	2637
762.00	889.08	868.38	2279	2339	94.41	199.48	329.71	2538
764.00	891.84	871.14	2280	2340	94.10	198.88	328.82	2760
766.00	894.35	873.65	2281	2341	93.85	198.40	328.11	2515

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
768.00	896.82	876.12	2282	2341	93.60	197.93	327.43	2471
770.00	899.41	878.71	2282	2342	93.34	197.42	326.67	2583
772.00	902.01	881.31	2283	2343	93.07	196.91	325.91	2600
774.00	904.61	883.91	2284	2343	92.80	196.40	325.15	2604
776.00	907.24	886.54	2285	2344	92.53	195.87	324.37	2633
778.00	909.91	889.21	2286	2345	92.25	195.34	323.57	2671
780.00	912.49	891.79	2287	2346	91.99	194.84	322.84	2580
782.00	915.12	894.42	2288	2346	91.72	194.33	322.08	2623
784.00	917.77	897.07	2288	2347	91.45	193.81	321.30	2649
786.00	920.34	899.64	2289	2348	91.20	193.33	320.58	2570
788.00	922.88	902.18	2290	2348	90.95	192.85	319.88	2548
790.00	925.54	904.84	2291	2349	90.69	192.34	319.11	2657
792.00	928.15	907.45	2292	2350	90.43	191.85	318.38	2607
794.00	930.67	909.97	2292	2350	90.19	191.39	317.70	2524
796.00	933.26	912.56	2293	2351	89.94	190.91	316.98	2587
798.00	935.73	915.03	2293	2351	89.72	190.48	316.34	2470
800.00	938.31	917.61	2294	2352	89.47	190.01	315.64	2581
802.00	940.84	920.14	2295	2352	89.24	189.56	314.97	2531
804.00	943.41	922.71	2295	2353	89.00	189.09	314.27	2570
806.00	945.95	925.25	2296	2353	88.76	188.64	313.60	2546
808.00	948.50	927.80	2297	2354	88.53	188.19	312.93	2542
810.00	951.16	930.46	2297	2355	88.28	187.70	312.18	2666
812.00	953.82	933.12	2298	2356	88.02	187.21	311.45	2658
814.00	956.42	935.72	2299	2356	87.78	186.74	310.75	2600

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TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
816.00	958.85	938.15	2299	2356	87.58	186.34	310.16	2428
818.00	961.45	940.75	2300	2357	87.34	185.88	309.46	2602
820.00	964.14	943.44	2301	2358	87.08	185.39	308.72	2693
822.00	966.77	946.07	2302	2359	86.84	184.92	308.02	2623
824.00	969.27	948.57	2302	2359	86.63	184.50	307.39	2507
826.00	971.86	951.16	2303	2359	86.40	184.05	306.72	2588
828.00	974.48	953.78	2304	2360	86.16	183.60	306.02	2622
830.00	977.06	956.36	2304	2361	85.94	183.16	305.36	2575
832.00	979.65	958.95	2305	2361	85.71	182.71	304.69	2596
834.00	982.23	961.53	2306	2362	85.48	182.28	304.04	2578
836.00	984.72	964.02	2306	2362	85.28	181.87	303.43	2492
838.00	987.22	966.52	2307	2362	85.07	181.47	302.83	2492
840.00	989.83	969.13	2307	2363	84.84	181.03	302.16	2610
842.00	992.55	971.85	2308	2364	84.60	180.55	301.43	2724
844.00	995.19	974.49	2309	2365	84.37	180.10	300.75	2642
846.00	997.74	977.04	2310	2365	84.15	179.68	300.12	2551
848.00	1000.21	979.51	2310	2365	83.96	179.30	299.55	2462
850.00	1002.80	982.10	2311	2366	83.74	178.87	298.90	2595
852.00	1005.46	984.76	2312	2367	83.51	178.43	298.22	2563
854.00	1008.17	987.47	2313	2368	83.28	177.96	297.52	2704
856.00	1010.66	989.96	2313	2368	83.08	177.58	296.93	2497
858.00	1013.38	992.68	2314	2369	82.84	177.11	296.23	2716
860.00	1016.16	995.46	2315	2370	82.60	176.63	295.49	2775
862.00	1018.85	998.15	2316	2371	82.37	176.18	294.81	2690

MULTI-REAM BY THORNQUEST PRESS (W.A.) 2633

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
864.00	1021.42	1000.72	2316	2371	82.16	175.78	294.20	2572
866.00	1023.88	1003.18	2317	2371	81.98	175.41	293.64	2463
868.00	1026.54	1005.84	2318	2372	81.76	174.98	292.98	2662
870.00	1029.25	1008.55	2319	2373	81.53	174.53	292.30	2707
872.00	1031.76	1011.06	2319	2373	81.34	174.16	291.73	2508
874.00	1034.42	1013.72	2320	2374	81.12	173.73	291.08	2658
876.00	1037.04	1016.34	2320	2374	80.91	173.32	290.45	2625
878.00	1039.53	1018.83	2321	2375	80.73	172.96	289.90	2486
880.00	1042.07	1021.37	2321	2375	80.53	172.57	289.32	2547
882.00	1044.86	1024.16	2322	2376	80.30	172.11	288.61	2787
884.00	1047.48	1026.78	2323	2377	80.10	171.71	287.99	2623
886.00	1050.06	1029.36	2324	2377	79.90	171.32	287.40	2579
888.00	1052.65	1031.95	2324	2378	79.70	170.93	286.80	2591
890.00	1055.21	1034.51	2325	2378	79.51	170.55	286.23	2556
892.00	1057.64	1036.94	2325	2378	79.34	170.22	285.72	2429
894.00	1060.13	1039.43	2325	2378	79.16	169.86	285.18	2496
896.00	1062.59	1041.89	2326	2379	78.99	169.52	284.66	2453
898.00	1065.08	1044.38	2326	2379	78.81	169.17	284.12	2496
900.00	1067.67	1046.97	2327	2379	78.62	168.79	283.54	2588
902.00	1070.17	1049.47	2327	2380	78.44	168.44	283.00	2500
904.00	1072.60	1051.90	2327	2380	78.27	168.11	282.50	2430
906.00	1075.13	1054.43	2328	2380	78.09	167.75	281.96	2523
908.00	1077.61	1056.91	2328	2380	77.92	167.41	281.43	2486
910.00	1080.40	1059.70	2329	2381	77.70	166.97	280.76	2789



TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
912.00	1083.26	1062.56	2330	2382	77.47	166.51	280.05	2857
914.00	1085.89	1065.19	2331	2383	77.28	166.13	279.46	2637
916.00	1088.57	1067.87	2332	2384	77.08	165.74	278.85	2676
918.00	1091.07	1070.37	2332	2384	76.91	165.40	278.33	2496
920.00	1093.82	1073.12	2333	2385	76.70	164.98	277.69	2757
922.00	1096.37	1075.67	2333	2385	76.53	164.63	277.15	2545
924.00	1098.85	1078.15	2334	2385	76.36	164.30	276.65	2478
926.00	1101.33	1080.63	2334	2386	76.19	163.97	276.14	2486
928.00	1103.75	1083.05	2334	2386	76.04	163.66	275.67	2421
930.00	1106.28	1085.58	2335	2386	75.87	163.32	275.15	2529
932.00	1108.73	1088.03	2335	2386	75.71	163.01	274.66	2442
934.00	1111.16	1090.46	2335	2386	75.55	162.70	274.19	2430
936.00	1113.56	1092.86	2335	2386	75.40	162.40	273.73	2400
938.00	1116.00	1095.30	2335	2386	75.25	162.09	273.25	2445
940.00	1118.47	1097.77	2336	2387	75.09	161.77	272.77	2465
942.00	1120.93	1100.23	2336	2387	74.93	161.46	272.28	2468
944.00	1123.39	1102.69	2336	2387	74.77	161.15	271.81	2456
946.00	1125.89	1105.19	2337	2387	74.61	160.83	271.31	2500
948.00	1128.35	1107.65	2337	2387	74.46	160.52	270.83	2462
950.00	1131.01	1110.31	2338	2388	74.27	160.15	270.27	2663
952.00	1133.51	1112.81	2338	2388	74.12	159.83	269.78	2492
954.00	1135.99	1115.29	2338	2388	73.96	159.52	269.30	2481
956.00	1138.48	1117.78	2338	2389	73.80	159.21	268.81	2492
958.00	1141.01	1120.31	2339	2389	73.64	158.89	268.31	2531

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
960.00	1143.51	1122.81	2339	2389	73.49	158.57	267.83	2500
962.00	1146.04	1125.34	2340	2389	73.33	158.25	267.33	2528
964.00	1148.57	1127.87	2340	2390	73.17	157.94	266.84	2527
966.00	1151.09	1130.39	2340	2390	73.01	157.62	266.35	2522
968.00	1153.66	1132.96	2341	2390	72.85	157.29	265.84	2570
970.00	1156.20	1135.50	2341	2391	72.69	156.97	265.35	2540
972.00	1158.89	1138.19	2342	2391	72.51	156.62	264.79	2692
974.00	1161.44	1140.74	2342	2392	72.35	156.30	264.30	2550
976.00	1164.02	1143.32	2343	2392	72.19	155.97	263.79	2581
978.00	1166.60	1145.90	2343	2392	72.03	155.65	263.29	2577
980.00	1169.08	1148.38	2344	2393	71.88	155.35	262.83	2483
982.00	1171.68	1150.98	2344	2393	71.72	155.03	262.32	2601
984.00	1174.36	1153.66	2345	2394	71.55	154.68	261.78	2676
986.00	1177.09	1156.39	2346	2394	71.37	154.32	261.22	2727
988.00	1179.81	1159.11	2346	2395	71.20	153.97	260.66	2727
990.00	1182.51	1161.81	2347	2396	71.02	153.62	260.12	2693
992.00	1185.19	1164.49	2348	2396	70.86	153.28	259.58	2687
994.00	1188.03	1167.33	2349	2397	70.67	152.89	258.98	2839
996.00	1190.65	1169.95	2349	2398	70.51	152.57	258.48	2620
998.00	1193.29	1172.59	2350	2398	70.35	152.25	257.97	2640
1000.00	1195.97	1175.27	2351	2399	70.18	151.91	257.44	2675
1002.00	1198.63	1177.93	2351	2399	70.02	151.58	256.93	2666
1004.00	1201.33	1180.63	2352	2400	69.85	151.25	256.40	2698
1006.00	1204.09	1183.39	2353	2401	69.68	150.90	255.84	2758

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1008.00	1206.79	1186.09	2353	2402	69.52	150.56	255.32	2702
1010.00	1209.43	1188.73	2354	2402	69.36	150.24	254.82	2639
1012.00	1212.17	1191.47	2355	2403	69.19	149.90	254.28	2746
1014.00	1214.95	1194.25	2356	2404	69.02	149.55	253.73	2779
1016.00	1217.66	1196.96	2356	2404	68.86	149.22	253.21	2702
1018.00	1220.37	1199.67	2357	2405	68.69	148.89	252.69	2710
1020.00	1223.10	1202.40	2358	2405	68.53	148.56	252.16	2732
1022.00	1225.88	1205.18	2358	2406	68.36	148.21	251.62	2780
1024.00	1228.61	1207.91	2359	2407	68.20	147.88	251.10	2731
1026.00	1231.42	1210.73	2360	2408	68.03	147.53	250.54	2817
1028.00	1234.20	1213.50	2361	2409	67.86	147.19	250.00	2778
1030.00	1236.98	1216.28	2362	2409	67.69	146.85	249.47	2781
1032.00	1239.80	1219.10	2363	2410	67.53	146.50	248.92	2814
1034.00	1242.53	1221.83	2363	2411	67.37	146.18	248.41	2734
1036.00	1245.32	1224.62	2364	2412	67.20	145.84	247.87	2785
1038.00	1248.05	1227.35	2365	2412	67.05	145.52	247.37	2732
1040.00	1250.84	1230.14	2366	2413	66.88	145.19	246.84	2790
1042.00	1253.58	1232.88	2366	2414	66.73	144.87	246.33	2740
1044.00	1256.45	1235.75	2367	2415	66.55	144.52	245.77	2872
1046.00	1259.15	1238.45	2368	2415	66.40	144.21	245.28	2703
1048.00	1261.85	1241.15	2369	2416	66.25	143.90	244.80	2701
1050.00	1264.47	1243.77	2369	2416	66.11	143.62	244.35	2612
1052.00	1267.19	1246.49	2370	2417	65.96	143.31	243.86	2726
1054.00	1269.95	1249.25	2370	2418	65.81	142.99	243.35	2758

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1056.00	1272.71	1252.01	2371	2418	65.65	142.68	242.86	2756
1058.00	1275.34	1254.64	2372	2419	65.52	142.39	242.41	2632
1060.00	1277.96	1257.26	2372	2419	65.38	142.11	241.96	2620
1062.00	1280.53	1259.83	2373	2419	65.25	141.84	241.54	2572
1064.00	1283.23	1262.53	2373	2420	65.10	141.55	241.07	2697
1066.00	1285.82	1265.12	2374	2420	64.97	141.27	240.64	2592
1068.00	1288.56	1267.86	2374	2421	64.82	140.97	240.15	2741
1070.00	1291.23	1270.53	2375	2421	64.68	140.68	239.70	2670
1072.00	1293.87	1273.17	2375	2422	64.55	140.41	239.26	2540
1074.00	1296.79	1276.09	2376	2423	64.38	140.06	238.71	2915
1076.00	1299.35	1278.65	2377	2423	64.25	139.81	238.30	2559
1078.00	1301.95	1281.25	2377	2423	64.12	139.54	237.88	2606
1080.00	1304.60	1283.90	2378	2424	63.99	139.26	237.44	2652
1082.00	1307.23	1286.53	2378	2424	63.86	138.99	237.01	2629
1084.00	1309.83	1289.13	2378	2425	63.73	138.73	236.59	2598
1086.00	1312.45	1291.75	2379	2425	63.60	138.46	236.16	2620
1088.00	1315.14	1294.44	2379	2426	63.46	138.18	235.72	2692
1090.00	1317.79	1297.09	2380	2426	63.33	137.91	235.29	2648
1092.00	1320.38	1299.68	2380	2426	63.20	137.65	234.87	2594
1094.00	1322.99	1302.29	2381	2427	63.08	137.39	234.46	2609
1096.00	1325.68	1304.98	2381	2427	62.94	137.11	234.02	2689
1098.00	1328.48	1307.78	2382	2428	62.80	136.81	233.54	2796
1100.00	1331.30	1310.60	2383	2429	62.65	136.51	233.06	2819
1102.00	1334.18	1313.48	2384	2430	62.50	136.19	232.55	2881

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TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1104.00	1337.01	1316.31	2385	2430	62.35	135.89	232.06	2835
1106.00	1339.77	1319.07	2385	2431	62.21	135.60	231.60	2761
1108.00	1342.46	1321.76	2386	2431	62.08	135.34	231.17	2684
1110.00	1345.27	1324.57	2387	2432	61.94	135.04	230.70	2811
1112.00	1348.04	1327.34	2387	2433	61.80	134.76	230.24	2777
1114.00	1350.78	1330.08	2388	2433	61.67	134.48	229.80	2737
1116.00	1353.42	1332.72	2388	2434	61.54	134.22	229.39	2642
1118.00	1356.19	1335.49	2389	2434	61.41	133.94	228.94	2769
1120.00	1358.82	1338.12	2390	2435	61.29	133.69	228.54	2631
1122.00	1361.60	1340.90	2390	2435	61.15	133.41	228.09	2771
1124.00	1364.33	1343.63	2391	2436	61.02	133.14	227.66	2734
1126.00	1367.21	1346.51	2392	2437	60.88	132.84	227.17	2876
1128.00	1370.41	1349.71	2393	2438	60.70	132.47	226.57	3202
1130.00	1373.77	1353.07	2395	2440	60.50	132.06	225.91	3360
1132.00	1376.73	1356.03	2396	2441	60.35	131.74	225.40	2966
1134.00	1379.46	1358.76	2396	2442	60.23	131.48	224.98	2724
1136.00	1382.26	1361.56	2397	2443	60.09	131.21	224.53	2802
1138.00	1385.01	1364.31	2398	2443	59.96	130.94	224.11	2745
1140.00	1387.96	1367.26	2399	2444	59.82	130.63	223.61	2954
1142.00	1390.78	1370.08	2399	2445	59.68	130.36	223.17	2819
1144.00	1393.42	1372.72	2400	2445	59.57	130.12	222.78	2646
1146.00	1396.13	1375.43	2400	2446	59.45	129.87	222.38	2702
1148.00	1398.82	1378.12	2401	2446	59.33	129.62	221.98	2694
1150.00	1401.75	1381.05	2402	2447	59.19	129.32	221.50	2925

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1152.00	1404.89	1384.19	2403	2448	59.02	128.98	220.95	3141
1154.00	1407.66	1386.96	2404	2449	58.90	128.72	220.53	2770
1156.00	1410.40	1389.70	2404	2450	58.78	128.47	220.12	2742
1158.00	1413.19	1392.49	2405	2450	58.65	128.20	219.70	2793
1160.00	1416.18	1395.48	2406	2451	58.50	127.90	219.21	2987
1162.00	1419.25	1398.55	2407	2452	58.35	127.59	218.69	3068
1164.00	1422.32	1401.62	2408	2454	58.20	127.27	218.18	3073
1166.00	1425.32	1404.62	2409	2455	58.06	126.97	217.70	3000
1168.00	1428.32	1407.62	2410	2456	57.92	126.67	217.21	3002
1170.00	1431.33	1410.63	2411	2457	57.77	126.38	216.73	3005
1172.00	1434.50	1413.80	2413	2458	57.62	126.04	216.19	3177
1174.00	1437.70	1417.00	2414	2460	57.46	125.71	215.64	3198
1176.00	1440.87	1420.17	2415	2461	57.30	125.38	215.11	3165
1178.00	1444.05	1423.35	2417	2462	57.14	125.05	214.58	3184
1180.00	1447.28	1426.58	2418	2464	56.98	124.72	214.03	3230
1182.00	1450.37	1429.67	2419	2465	56.84	124.41	213.53	3088
1184.00	1453.51	1432.81	2420	2466	56.69	124.10	213.02	3144
1186.00	1456.60	1435.90	2421	2468	56.54	123.80	212.52	3083
1188.00	1459.74	1439.04	2423	2469	56.39	123.48	212.01	3147
1190.00	1463.01	1442.31	2424	2470	56.24	123.15	211.47	3263
1192.00	1466.24	1445.54	2425	2472	56.08	122.82	210.93	3230
1194.00	1469.47	1448.77	2427	2473	55.93	122.50	210.40	3230
1196.00	1472.68	1451.98	2428	2475	55.77	122.17	209.88	3217
1198.00	1475.94	1455.24	2429	2476	55.62	121.85	209.34	3261

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1200,00	1479,22	1458,52	2431	2478	55,46	121,52	208,80	3276
1202,00	1482,56	1461,86	2432	2480	55,30	121,18	208,24	3343
1204,00	1486,02	1465,32	2434	2482	55,13	120,81	207,65	3460
1206,00	1489,47	1468,77	2436	2483	54,96	120,45	207,06	3447
1208,00	1493,02	1472,32	2438	2486	54,78	120,07	206,43	3556
1210,00	1496,50	1475,80	2439	2488	54,60	119,71	205,84	3475
1212,00	1499,94	1479,24	2441	2489	54,44	119,36	205,26	3440
1214,00	1503,40	1482,70	2443	2491	54,27	119,01	204,68	3459
1216,00	1506,91	1486,21	2444	2493	54,10	118,64	204,09	3507
1218,00	1510,40	1489,70	2446	2495	53,93	118,29	203,50	3492
1220,00	1514,10	1493,40	2448	2498	53,74	117,89	202,84	3705
1222,00	1517,52	1496,82	2450	2500	53,58	117,55	202,29	3419
1224,00	1520,73	1500,03	2451	2501	53,44	117,26	201,81	3205
1226,00	1523,83	1503,13	2452	2502	53,32	116,99	201,36	3105
1228,00	1526,93	1506,23	2453	2503	53,19	116,72	200,92	3094
1230,00	1529,99	1509,29	2454	2504	53,06	116,45	200,49	3062
1232,00	1533,08	1512,38	2455	2505	52,94	116,19	200,05	3087
1234,00	1536,25	1515,55	2456	2506	52,80	115,91	199,59	3169
1236,00	1539,58	1518,88	2458	2508	52,66	115,60	199,08	3335
1238,00	1542,80	1522,10	2459	2509	52,52	115,31	198,61	3218
1240,00	1546,39	1525,69	2461	2511	52,35	114,95	198,02	3596
1242,00	1550,18	1529,48	2463	2514	52,17	114,56	197,37	3789
1244,00	1554,04	1533,34	2465	2517	51,98	114,15	196,70	3857
1246,00	1557,93	1537,23	2467	2519	51,78	113,74	196,02	3886

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1248.00	1560.59	1539.89	2468	2520	51.69	113.55	195.71	2661
1250.00	1563.27	1542.57	2468	2520	51.60	113.37	195.40	2678
1252.00	1566.33	1545.63	2469	2521	51.49	113.12	194.99	3064
1254.00	1569.41	1548.71	2470	2522	51.37	112.87	194.58	3079
1256.00	1572.44	1551.74	2471	2523	51.25	112.63	194.19	3027
1258.00	1575.16	1554.46	2471	2523	51.16	112.43	193.87	2722
1260.00	1577.82	1557.12	2472	2523	51.08	112.25	193.57	2659
1262.00	1580.84	1560.14	2472	2524	50.96	112.01	193.18	3023
1264.00	1583.45	1562.75	2473	2524	50.88	111.84	192.90	2606
1266.00	1586.53	1565.83	2474	2525	50.76	111.59	192.49	3087
1268.00	1589.66	1568.96	2475	2526	50.65	111.34	192.08	3130
1270.00	1592.98	1572.28	2476	2528	50.51	111.06	191.61	3319
1272.00	1596.32	1575.62	2477	2529	50.38	110.77	191.14	3341
1274.00	1599.58	1578.88	2479	2531	50.25	110.50	190.70	3253
1276.00	1602.56	1581.86	2479	2531	50.15	110.28	190.33	2980
1278.00	1605.11	1584.41	2480	2531	50.07	110.12	190.06	2553
1280.00	1608.10	1587.40	2480	2532	49.96	109.89	189.70	2988
1282.00	1611.27	1590.57	2481	2533	49.84	109.64	189.28	3171
1284.00	1614.27	1593.57	2482	2534	49.74	109.42	188.91	3006
1286.00	1617.27	1596.57	2483	2535	49.63	109.20	188.55	2992
1288.00	1620.16	1599.46	2484	2535	49.54	108.99	188.21	2889
1290.00	1623.09	1602.39	2484	2536	49.44	108.78	187.86	2933
1292.00	1625.87	1605.17	2485	2537	49.35	108.59	187.55	2783
1294.00	1628.52	1607.82	2485	2537	49.27	108.42	187.28	2652

MULTISTRAM BY THORNQUEST PRESS (W.A.) 2633



TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1296.00	1631.53	1610.83	2486	2538	49.17	108.20	186.92	3002
1298.00	1634.81	1614.11	2487	2539	49.04	107.94	186.48	3289
1300.00	1638.10	1617.40	2488	2540	48.92	107.68	186.05	3285
1302.00	1640.25	1619.55	2488	2540	48.87	107.57	185.87	2150
1304.00	1643.28	1622.58	2489	2540	48.76	107.35	185.51	3034
1306.00	1646.43	1625.73	2490	2541	48.65	107.12	185.12	3148
1308.00	1649.52	1628.82	2491	2542	48.55	106.89	184.74	3093
1310.00	1652.61	1631.91	2491	2543	48.44	106.66	184.37	3088
1312.00	1655.67	1634.97	2492	2544	48.34	106.44	184.01	3060
1314.00	1657.93	1637.23	2492	2544	48.28	106.33	183.82	2256
1316.00	1660.98	1640.28	2493	2545	48.18	106.11	183.46	3054
1318.00	1664.06	1643.36	2494	2546	48.08	105.89	183.09	3082
1320.00	1667.06	1646.36	2494	2546	47.98	105.68	182.75	2995
1322.00	1669.86	1649.16	2495	2547	47.89	105.50	182.45	2798
1324.00	1673.05	1652.35	2496	2548	47.78	105.27	182.06	3192
1326.00	1676.22	1655.52	2497	2549	47.67	105.03	181.68	3176
1328.00	1679.24	1658.54	2498	2550	47.58	104.83	181.33	3012
1330.00	1682.04	1661.34	2498	2550	47.49	104.65	181.04	2800
1332.00	1685.15	1664.45	2499	2551	47.39	104.43	180.68	3112
1334.00	1688.19	1667.49	2500	2552	47.29	104.22	180.33	3042
1336.00	1691.21	1670.51	2501	2552	47.20	104.02	179.99	3016
1338.00	1694.35	1673.65	2502	2553	47.09	103.80	179.63	3141
1340.00	1697.36	1676.66	2502	2554	47.00	103.59	179.29	3007
1342.00	1700.48	1679.78	2503	2555	46.90	103.38	178.93	3120

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1344.00	1703.66	1682.96	2504	2556	46.79	103.15	178.56	3181
1346.00	1706.82	1686.12	2505	2557	46.69	102.93	178.19	3159
1348.00	1709.68	1688.98	2506	2558	46.60	102.75	177.90	2864
1350.00	1712.72	1692.02	2507	2558	46.51	102.55	177.56	3046
1352.00	1715.76	1695.06	2507	2559	46.41	102.35	177.23	3038
1354.00	1718.82	1698.12	2508	2560	46.32	102.15	176.89	3055
1356.00	1721.93	1701.23	2509	2561	46.22	101.94	176.54	3111
1358.00	1724.96	1704.26	2510	2562	46.13	101.74	176.22	3030
1360.00	1728.03	1707.33	2511	2563	46.03	101.54	175.88	3072
1362.00	1731.23	1710.53	2512	2564	45.93	101.32	175.51	3202
1364.00	1734.38	1713.68	2513	2565	45.83	101.11	175.16	3143
1366.00	1737.47	1716.77	2514	2565	45.74	100.91	174.83	3092
1368.00	1740.56	1719.86	2514	2566	45.64	100.70	174.49	3097
1370.00	1743.71	1723.01	2515	2567	45.55	100.50	174.14	3147
1372.00	1746.74	1726.04	2516	2568	45.46	100.30	173.83	3030
1374.00	1749.81	1729.11	2517	2569	45.36	100.11	173.50	3065
1376.00	1752.78	1732.08	2518	2569	45.28	99.92	173.19	2975
1378.00	1755.74	1735.04	2518	2570	45.19	99.74	172.89	2956
1380.00	1758.82	1738.12	2519	2571	45.10	99.55	172.57	3081
1382.00	1761.80	1741.10	2520	2571	45.02	99.37	172.26	2981
1384.00	1764.95	1744.25	2521	2572	44.92	99.16	171.93	3151
1386.00	1768.02	1747.32	2521	2573	44.83	98.97	171.61	3073
1388.00	1771.25	1750.55	2522	2574	44.73	98.76	171.25	3221
1390.00	1774.39	1753.69	2523	2575	44.64	98.56	170.92	3141

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1392.00	1777.44	1756.74	2524	2576	44.55	98.37	170.61	3054
1394.00	1780.56	1759.86	2525	2577	44.46	98.18	170.28	3117
1396.00	1783.59	1762.89	2526	2577	44.38	97.99	169.98	3031
1398.00	1786.77	1766.07	2527	2578	44.28	97.79	169.64	3179
1400.00	1789.95	1769.25	2527	2579	44.19	97.59	169.30	3180
1402.00	1793.12	1772.42	2528	2580	44.09	97.39	168.97	3174
1404.00	1796.28	1775.58	2529	2581	44.00	97.19	168.64	3163
1406.00	1799.54	1778.84	2530	2582	43.91	96.99	168.29	3258
1408.00	1802.57	1781.87	2531	2583	43.82	96.81	168.29	3029
1410.00	1805.67	1784.97	2532	2584	43.74	96.62	167.99	3097
1412.00	1808.81	1788.11	2533	2585	43.65	96.43	167.68	3140
1414.00	1811.97	1791.27	2534	2586	43.56	96.24	167.36	3167
1416.00	1815.17	1794.47	2535	2587	43.46	96.04	167.04	3199
1418.00	1818.29	1797.59	2535	2587	43.38	95.85	166.71	3112
1420.00	1821.41	1800.71	2536	2588	43.29	95.67	166.40	3123
1422.00	1824.62	1803.92	2537	2589	43.20	95.47	166.09	3213
1424.00	1827.77	1807.07	2537	2589	43.11	95.28	165.76	3151
1426.00	1830.87	1810.17	2538	2590	43.11	95.28	165.45	3094
1428.00	1834.01	1813.31	2539	2591	43.03	95.10	165.14	3145
1430.00	1837.13	1816.43	2539	2591	42.94	94.92	164.83	3113
1432.00	1840.40	1819.70	2540	2592	42.86	94.73	164.53	3276
1434.00	1843.87	1823.17	2541	2594	42.76	94.53	164.19	3472
1436.00	1846.72	1826.02	2543	2595	42.66	94.31	163.82	2845
1438.00	1849.45	1828.75	2543	2595	42.59	94.16	163.57	2728
					42.53	94.02	163.34	

MULTI-MEDIA BY THORNQUEST PRESS (W.A.) 2633

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1440.00	1852.61	1831.91	2544	2596	42.44	93.84	163.03	3168
1442.00	1855.80	1835.10	2545	2597	42.35	93.65	162.72	3190
1444.00	1858.76	1838.06	2546	2598	42.28	93.49	162.45	2955
1446.00	1861.92	1841.22	2547	2599	42.20	93.31	162.15	3156
1448.00	1865.13	1844.43	2548	2600	42.11	93.13	161.84	3210
1450.00	1868.31	1847.61	2548	2601	42.02	92.94	161.53	3166
1452.00	1871.55	1850.85	2549	2602	41.94	92.76	161.22	3234
1454.00	1874.54	1853.84	2550	2602	41.86	92.60	160.95	2992
1456.00	1877.75	1857.05	2551	2603	41.78	92.41	160.64	3209
1458.00	1881.09	1860.39	2552	2604	41.68	92.21	160.31	3347
1460.00	1884.77	1864.07	2554	2606	41.57	91.97	160.31	3672
1462.00	1887.60	1866.90	2554	2606	41.51	91.83	159.90	2834
1464.00	1890.94	1870.24	2555	2607	41.42	91.64	159.67	3337
1466.00	1894.15	1873.45	2556	2608	41.33	91.46	159.34	3213
1468.00	1897.51	1876.81	2557	2610	41.24	91.26	159.03	3364
1470.00	1900.72	1880.02	2558	2610	41.16	91.08	158.70	3205
1472.00	1903.43	1882.73	2558	2611	41.10	90.95	158.40	2715
1474.00	1906.91	1886.21	2559	2612	41.00	90.75	158.19	3473
1476.00	1910.27	1889.57	2560	2613	40.91	90.55	157.84	3359
1478.00	1912.90	1892.20	2560	2613	40.86	90.43	157.51	2635
1480.00	1916.72	1896.02	2562	2615	40.74	90.19	157.32	3816
1482.00	1919.86	1899.16	2563	2616	40.67	90.02	156.90	3140
1484.00	1923.20	1902.50	2564	2617	40.67	89.83	156.62	3343
1486.00	1926.66	1905.96	2565	2618	40.58	89.63	156.30	3460
					40.48		155.96	

MULTISTRAM BY THORNQUEST PRESS (W.A.) 2633

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1488.00	1930.04	1909.34	2566	2620	40.40	89.44	155.64	3379
1490.00	1933.62	1912.92	2568	2621	40.30	89.22	155.28	3584
1492.00	1936.77	1916.07	2568	2622	40.22	89.06	155.00	3143
1494.00	1939.82	1919.12	2569	2622	40.15	88.91	154.74	3051
1496.00	1942.87	1922.17	2570	2623	40.08	88.75	154.48	3053
1498.00	1945.94	1925.24	2570	2624	40.01	88.60	154.22	3074
1500.00	1948.62	1927.92	2571	2624	39.95	88.48	154.03	2672
1502.00	1951.77	1931.07	2571	2625	39.88	88.32	153.76	3156
1504.00	1955.12	1934.42	2572	2626	39.79	88.14	153.45	3349
1506.00	1958.39	1937.69	2573	2627	39.71	87.96	153.16	3272
1508.00	1961.43	1940.73	2574	2627	39.64	87.81	152.91	3038
1510.00	1964.60	1943.90	2575	2628	39.57	87.65	152.64	3174
1512.00	1968.13	1947.43	2576	2629	39.48	87.45	152.30	3530
1514.00	1972.02	1951.32	2578	2631	39.37	87.21	151.89	3485
1516.00	1975.40	1954.70	2579	2633	39.28	87.03	151.58	3381
1518.00	1978.23	1957.53	2579	2633	39.22	86.90	151.37	2833
1520.00	1981.35	1960.65	2580	2634	39.15	86.75	151.11	3115
1522.00	1984.61	1963.91	2581	2634	39.07	86.58	150.83	3266
1524.00	1988.05	1967.35	2582	2636	38.99	86.40	150.52	3435
1526.00	1991.28	1970.58	2583	2637	38.91	86.24	150.25	3227
1528.00	1993.88	1973.18	2583	2637	38.87	86.13	150.07	2600
1530.00	1996.96	1976.26	2583	2637	38.80	85.99	149.82	3088
1532.00	2000.37	1979.67	2584	2638	38.71	85.81	149.52	3410
1534.00	2003.27	1982.57	2585	2639	38.66	85.68	149.30	2895

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1536.00	2005.84	1985.14	2585	2639	38.61	85.58	149.14	2568
1538.00	2009.23	1988.53	2586	2640	38.53	85.40	148.84	3389
1540.00	2012.84	1992.14	2587	2641	38.44	85.20	148.50	3612
1542.00	2016.21	1995.51	2588	2642	38.36	85.03	148.21	3371
1544.00	2019.56	1998.86	2589	2643	38.28	84.86	147.93	3347
1546.00	2022.61	2001.91	2590	2644	38.21	84.72	147.69	3059
1548.00	2025.56	2004.86	2590	2644	38.15	84.59	147.47	2944
1550.00	2028.20	2007.50	2590	2644	38.11	84.49	147.30	2645
1552.00	2031.46	2010.76	2591	2645	38.03	84.33	147.03	3254
1554.00	2033.97	2013.27	2591	2645	37.99	84.24	146.87	2516
1556.00	2036.68	2015.98	2591	2645	37.94	84.13	146.69	2707
1558.00	2039.96	2019.26	2592	2646	37.87	83.97	146.43	3279
1560.00	2043.20	2022.50	2593	2647	37.79	83.82	146.16	3244
1562.00	2046.49	2025.79	2594	2648	37.72	83.66	145.89	3288
1564.00	2049.77	2029.08	2595	2649	37.65	83.50	145.63	3285
1566.00	2053.06	2032.36	2596	2650	37.58	83.34	145.36	3288
1568.00	2056.35	2035.65	2596	2651	37.50	83.19	145.10	3287
1570.00	2059.70	2039.00	2597	2652	37.43	83.02	144.82	3348
1572.00	2063.05	2042.35	2598	2653	37.35	82.86	144.55	3349
1574.00	2066.51	2045.81	2600	2654	37.28	82.69	144.26	3463
1576.00	2069.94	2049.24	2601	2655	37.20	82.52	143.97	3434
1578.00	2073.01	2052.31	2601	2655	37.14	82.39	143.75	3063
1580.00	2076.11	2055.41	2602	2656	37.07	82.25	143.51	3107
1582.00	2079.03	2058.33	2602	2656	37.02	82.13	143.31	2915

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1584.00	2082.40	2061.70	2603	2657	36.94	81.97	143.04	3366
1586.00	2085.47	2064.77	2604	2658	36.88	81.84	142.82	3079
1588.00	2088.59	2067.89	2604	2659	36.82	81.71	142.59	3112
1590.00	2092.05	2071.35	2605	2660	36.74	81.54	142.30	3463
1592.00	2095.41	2074.71	2606	2661	36.67	81.38	142.04	3365
1594.00	2098.97	2078.27	2608	2662	36.59	81.21	141.74	3551
1596.00	2102.26	2081.56	2608	2663	36.52	81.06	141.49	3293
1598.00	2105.54	2084.84	2609	2664	36.45	80.91	141.24	3279
1600.00	2108.85	2088.15	2610	2665	36.38	80.76	140.98	3315
1602.00	2112.28	2091.58	2611	2666	36.31	80.60	140.71	3425
1604.00	2115.66	2094.96	2612	2667	36.24	80.44	140.45	3378
1606.00	2118.86	2098.16	2613	2668	36.18	80.30	140.21	3207
1608.00	2121.97	2101.27	2614	2668	36.12	80.17	139.99	3107
1610.00	2125.11	2104.41	2614	2669	36.05	80.04	139.77	3144
1612.00	2128.48	2107.78	2615	2670	35.98	79.89	139.51	3362
1614.00	2131.92	2111.22	2616	2671	35.91	79.73	139.24	3447
1616.00	2135.31	2114.61	2617	2672	35.84	79.58	138.98	3387
1618.00	2138.62	2117.92	2618	2673	35.78	79.43	138.74	3305
1620.00	2141.94	2121.24	2619	2674	35.71	79.29	138.49	3321
1622.00	2145.33	2124.63	2620	2675	35.64	79.14	138.23	3393
1624.00	2148.88	2128.18	2621	2676	35.56	78.97	137.95	3552
1626.00	2152.42	2131.72	2622	2677	35.49	78.81	137.67	3540
1628.00	2155.61	2134.91	2623	2678	35.43	78.68	137.45	3185
1630.00	2159.03	2138.33	2624	2679	35.36	78.53	137.19	3419

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1632.00	2162.69	2141.99	2625	2680	35.28	78.35	136.89	3663
1634.00	2166.28	2145.58	2626	2682	35.20	78.19	136.61	3595
1636.00	2169.81	2149.11	2627	2683	35.13	78.03	136.34	3522
1638.00	2173.11	2152.41	2628	2684	35.06	77.89	136.11	3300
1640.00	2176.72	2156.02	2629	2685	34.99	77.72	135.82	3618
1642.00	2180.06	2159.36	2630	2686	34.92	77.58	135.58	3334
1644.00	2183.74	2163.04	2631	2687	34.85	77.41	135.29	3678
1646.00	2187.15	2166.45	2632	2688	34.78	77.26	135.04	3415
1648.00	2190.78	2170.08	2634	2690	34.70	77.10	134.76	3628
1650.00	2194.21	2173.51	2635	2691	34.64	76.95	134.51	3435
1652.00	2197.83	2177.13	2636	2692	34.56	76.79	134.24	3615
1654.00	2201.25	2180.55	2637	2693	34.49	76.65	133.99	3421
1656.00	2204.85	2184.15	2638	2694	34.42	76.49	133.72	3597
1658.00	2208.25	2187.55	2639	2695	34.36	76.35	133.48	3400
1660.00	2211.68	2190.98	2640	2696	34.29	76.20	133.23	3429
1662.00	2215.11	2194.41	2641	2697	34.22	76.06	132.99	3435
1664.00	2218.61	2197.91	2642	2698	34.16	75.91	132.74	3498
1666.00	2222.17	2201.47	2643	2699	34.09	75.76	132.47	3557
1668.00	2225.66	2204.96	2644	2701	34.02	75.61	132.22	3496
1670.00	2229.21	2208.51	2645	2702	33.95	75.46	131.97	3546
1672.00	2233.04	2212.34	2646	2703	33.87	75.28	131.67	3831
1674.00	2236.80	2216.10	2648	2705	33.79	75.12	131.38	3762
1676.00	2240.19	2219.49	2649	2706	33.73	74.98	131.15	3390
1678.00	2243.72	2223.03	2650	2707	33.66	74.83	130.90	3532

MULTI-STREAM BY THORNQUEST PRESS (W.A.) 2633



TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1680.00	2247.13	2226.43	2651	2708	33.60	74.70	130.67	3408
1682.00	2251.02	2230.32	2652	2710	33.52	74.52	130.36	3889
1684.00	2254.72	2234.02	2653	2711	33.45	74.36	130.09	3702
1686.00	2258.26	2237.56	2654	2712	33.38	74.21	129.84	3535
1688.00	2261.66	2240.96	2655	2713	33.32	74.08	129.61	3401
1690.00	2265.41	2244.71	2656	2715	33.24	73.92	129.34	3748
1692.00	2268.70	2248.00	2657	2715	33.19	73.80	129.13	3290
1694.00	2272.28	2251.58	2658	2716	33.12	73.65	128.88	3579
1696.00	2275.58	2254.88	2659	2717	33.06	73.53	128.67	3300
1698.00	2279.09	2258.39	2660	2718	33.00	73.39	128.43	3515
1700.00	2282.56	2261.86	2661	2719	32.94	73.25	128.19	3470
1702.00	2286.25	2265.55	2662	2721	32.87	73.10	128.19	3688
1704.00	2289.92	2269.22	2663	2722	32.80	72.95	127.93	3670
1706.00	2293.36	2272.66	2664	2723	32.74	72.81	127.67	3439
1708.00	2296.83	2276.13	2665	2724	32.68	72.68	127.45	3471
1710.00	2299.98	2279.28	2666	2724	32.63	72.57	127.22	3154
1712.00	2303.55	2282.85	2667	2726	32.56	72.43	127.03	3561
1714.00	2307.26	2286.56	2668	2727	32.56	72.43	126.79	3713
1716.00	2310.98	2290.28	2669	2728	32.49	72.28	126.53	3723
1718.00	2314.28	2293.58	2670	2729	32.42	72.13	126.27	3297
1720.00	2318.14	2297.44	2671	2731	32.37	72.01	126.07	3859
1722.00	2321.65	2300.95	2672	2732	32.30	71.85	125.79	3515
1724.00	2325.31	2304.61	2674	2733	32.23	71.71	125.56	3659
1726.00	2328.95	2308.25	2675	2734	32.17	71.57	125.32	3640
					32.10	71.43	125.07	

MULTISTRAM BY THORNQUEST PRESS (W.A.) 2633

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1728.00	2332.76	2312.06	2676	2736	32.03	71.27	124.81	3809
1730.00	2336.44	2315.74	2677	2737	31.97	71.13	124.56	3677
1732.00	2340.27	2319.57	2678	2738	31.89	70.97	124.29	3835
1734.00	2343.83	2323.13	2680	2740	31.83	70.84	124.06	3557
1736.00	2347.33	2326.63	2680	2740	31.77	70.71	123.84	3497
1738.00	2350.92	2330.22	2681	2742	31.71	70.57	123.61	3589
1740.00	2354.40	2333.70	2682	2743	31.65	70.45	123.40	3478
1742.00	2357.97	2337.27	2683	2744	31.59	70.31	123.17	3578
1744.00	2361.49	2340.79	2684	2745	31.54	70.18	122.95	3519
1746.00	2365.05	2344.35	2685	2746	31.48	70.05	122.72	3554
1748.00	2368.64	2347.93	2686	2747	31.41	69.92	122.50	3589
1750.00	2372.26	2351.56	2688	2748	31.35	69.79	122.27	3629
1752.00	2376.03	2355.33	2689	2749	31.29	69.64	122.02	3770
1754.00	2379.96	2359.26	2690	2751	31.21	69.48	121.75	3931
1756.00	2383.76	2363.06	2691	2752	31.15	69.34	121.50	3795
1758.00	2387.59	2366.89	2693	2754	31.08	69.19	121.24	3829
1760.00	2391.42	2370.72	2694	2755	31.01	69.04	120.99	3829
1762.00	2395.23	2374.53	2695	2757	30.95	68.90	120.74	3807
1764.00	2399.20	2378.50	2697	2759	30.88	68.74	120.47	3975
1766.00	2402.72	2382.02	2698	2759	30.82	68.62	120.26	3520
1768.00	2406.32	2385.62	2699	2761	30.76	68.49	120.04	3604
1770.00	2409.95	2389.25	2700	2762	30.70	68.36	119.82	3624
1772.00	2413.19	2392.49	2700	2762	30.65	68.25	119.64	3244
1774.00	2416.63	2395.93	2701	2763	30.60	68.14	119.44	3441

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1776.00	2420.44	2399.74	2702	2765	30.54	68.00	119.20	3810
1778.00	2424.30	2403.60	2704	2766	30.47	67.85	118.95	3855
1780.00	2427.78	2407.08	2705	2767	30.42	67.74	118.75	3486
1782.00	2430.96	2410.26	2705	2767	30.37	67.64	118.58	3177
1784.00	2433.78	2413.08	2705	2768	30.34	67.56	118.45	2824
1786.00	2437.02	2416.32	2706	2768	30.29	67.46	118.28	3236
1788.00	2440.87	2420.17	2707	2770	30.23	67.32	118.04	3853
1790.00	2445.05	2424.35	2709	2772	30.15	67.15	117.75	4182
1792.00	2448.70	2428.00	2710	2773	30.09	67.03	117.53	3643
1794.00	2452.13	2431.43	2711	2773	30.04	66.92	117.34	3437
1796.00	2455.75	2435.05	2712	2775	29.99	66.79	117.13	3611
1798.00	2459.16	2438.46	2712	2775	29.94	66.68	116.95	3417
1800.00	2462.60	2441.90	2713	2776	29.89	66.57	116.76	3434
1802.00	2466.31	2445.61	2714	2777	29.83	66.45	116.54	3715
1804.00	2469.58	2448.88	2715	2778	29.78	66.35	116.37	3268
1806.00	2473.25	2452.55	2716	2779	29.73	66.22	116.15	3675
1808.00	2476.79	2456.09	2717	2780	29.67	66.11	115.95	3540
1810.00	2480.30	2459.60	2718	2781	29.62	65.99	115.76	3507
1812.00	2484.09	2463.39	2719	2782	29.56	65.86	115.53	3785
1814.00	2487.95	2467.25	2720	2784	29.50	65.73	115.30	3869
1816.00	2492.14	2471.44	2722	2786	29.43	65.57	115.03	4184
1818.00	2496.02	2475.32	2723	2787	29.37	65.43	114.79	3878
1820.00	2499.82	2479.12	2724	2788	29.31	65.30	114.57	3808
1822.00	2503.56	2482.86	2725	2790	29.25	65.18	114.35	3737

MULTI-AM BY THORNQUEST PRESS (W.A.) 2633

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1824.00	2507.41	2486.71	2727	2791	29.19	65.04	114.12	3853
1826.00	2511.40	2490.70	2728	2793	29.13	64.90	113.89	3982
1828.00	2515.51	2494.81	2730	2794	29.06	64.75	113.62	4112
1830.00	2519.44	2498.74	2731	2796	29.00	64.62	113.39	3931
1832.00	2523.31	2502.61	2732	2797	28.94	64.48	113.16	3876
1834.00	2527.08	2506.38	2733	2799	28.88	64.36	112.95	3767
1836.00	2531.04	2510.34	2735	2800	28.82	64.22	112.71	3959
1838.00	2535.15	2514.45	2736	2802	28.75	64.08	112.46	4112
1840.00	2539.17	2518.47	2737	2803	28.69	63.94	112.22	4023
1842.00	2543.24	2522.54	2739	2805	28.62	63.79	111.97	4064
1844.00	2546.91	2526.21	2740	2806	28.57	63.68	111.77	3670
1846.00	2550.41	2529.71	2741	2807	28.52	63.57	111.59	3503
1848.00	2554.13	2533.43	2742	2808	28.47	63.46	111.39	3715
1850.00	2558.15	2537.45	2743	2810	28.41	63.32	111.16	4020
1852.00	2562.20	2541.50	2745	2811	28.34	63.18	110.92	4057
1854.00	2565.93	2545.23	2746	2813	28.29	63.06	110.72	3723
1856.00	2569.72	2549.02	2747	2814	28.23	62.94	110.51	3792
1858.00	2574.13	2553.43	2749	2816	28.16	62.78	110.23	4408
1860.00	2578.30	2557.60	2750	2818	28.10	62.64	109.98	4171
1862.00	2582.25	2561.55	2751	2819	28.04	62.51	109.76	3949
1864.00	2585.87	2565.17	2752	2820	27.99	62.40	109.57	3622
1866.00	2590.17	2569.47	2754	2822	27.92	62.25	109.31	4299
1868.00	2594.10	2573.40	2755	2824	27.86	62.12	109.09	3933
1870.00	2597.94	2577.24	2756	2825	27.81	62.00	108.89	3839

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1872.00	2601.76	2581.06	2758	2826	27.75	61.89	108.68	3822
1874.00	2605.75	2585.05	2759	2828	27.70	61.76	108.46	3992
1876.00	2609.92	2589.22	2760	2829	27.63	61.62	108.22	4171
1878.00	2613.88	2593.18	2762	2831	27.58	61.49	108.00	3955
1880.00	2617.98	2597.28	2763	2833	27.51	61.36	107.77	4100
1882.00	2622.22	2601.52	2765	2834	27.45	61.22	107.53	4245
1884.00	2625.97	2605.27	2766	2836	27.40	61.11	107.34	3748
1886.00	2630.16	2609.46	2767	2837	27.34	60.97	107.10	4192
1888.00	2634.06	2613.36	2768	2839	27.28	60.85	106.89	3898
1890.00	2638.10	2617.40	2770	2840	27.22	60.72	106.67	4035
1892.00	2641.86	2621.16	2771	2841	27.17	60.61	106.48	3763
1894.00	2646.06	2625.36	2772	2843	27.11	60.47	106.25	4199
1896.00	2649.97	2629.27	2773	2844	27.06	60.36	106.04	3914
1898.00	2653.99	2633.29	2775	2846	27.00	60.23	105.83	4017
1900.00	2657.95	2637.25	2776	2847	26.95	60.11	105.62	3957
1902.00	2661.63	2640.93	2777	2848	26.90	60.01	105.45	3686
1904.00	2665.82	2645.12	2778	2850	26.84	59.88	105.21	4192
1906.00	2669.69	2648.99	2780	2851	26.79	59.76	105.02	3868
1908.00	2673.68	2652.98	2781	2853	26.74	59.64	104.81	3990
1910.00	2677.75	2657.05	2782	2854	26.68	59.52	104.60	4068
1912.00	2681.76	2661.06	2784	2856	26.62	59.40	104.39	4009
1914.00	2685.70	2665.00	2785	2857	26.57	59.29	104.19	3937
1916.00	2689.49	2668.79	2786	2858	26.52	59.18	104.01	3793
1918.00	2693.50	2672.80	2787	2860	26.47	59.06	103.80	4008

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1920.00	2698.89	2678.19	2790	2864	26.37	58.85	103.43	5390
1922.00	2704.02	2683.32	2792	2867	26.29	58.65	103.10	5130
1924.00	2708.01	2687.31	2793	2868	26.23	58.54	102.90	3996
1926.00	2712.62	2691.92	2795	2871	26.16	58.39	102.64	4603
1928.00	2717.40	2696.70	2797	2873	26.09	58.22	102.35	4785
1930.00	2722.18	2701.48	2799	2876	26.02	58.06	102.07	4776
1932.00	2727.49	2706.79	2802	2879	25.93	57.86	101.72	5315
1934.00	2732.13	2711.43	2804	2882	25.86	57.70	101.46	4638
1936.00	2736.35	2715.65	2805	2883	25.80	57.58	101.24	4220
1938.00	2740.49	2719.79	2807	2885	25.75	57.46	101.03	4135
1940.00	2744.53	2723.83	2808	2886	25.69	57.35	100.84	4044
1942.00	2748.68	2727.98	2809	2888	25.64	57.23	100.63	4150
1944.00	2752.63	2731.93	2811	2889	25.59	57.12	100.44	3954
1946.00	2756.65	2735.95	2812	2891	25.54	57.01	100.25	4015
1948.00	2760.68	2739.98	2813	2892	25.49	56.90	100.06	4035
1950.00	2764.93	2744.23	2815	2894	25.43	56.77	99.85	4244
1952.00	2769.07	2748.37	2816	2895	25.38	56.66	99.64	4140
1954.00	2773.25	2752.55	2817	2897	25.33	56.54	99.44	4187
1956.00	2777.56	2756.86	2819	2899	25.27	56.41	99.22	4301
1958.00	2781.91	2761.21	2820	2901	25.21	56.29	99.00	4352
1960.00	2786.20	2765.50	2822	2902	25.16	56.16	98.79	4289
1962.00	2790.30	2769.60	2823	2904	25.11	56.05	98.60	4107
1964.00	2794.75	2774.05	2825	2906	25.05	55.92	98.37	4446
1966.00	2799.15	2778.45	2826	2908	24.99	55.79	98.15	4398

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/Geo M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
1968.00	2803.38	2782.68	2828	2909	24.94	55.68	97.94	4235
1970.00	2807.34	2786.64	2829	2911	24.89	55.57	97.77	3955
1972.00	2811.47	2790.77	2830	2912	24.84	55.46	97.57	4136
1974.00	2815.55	2794.85	2832	2914	24.79	55.36	97.39	4077
1976.00	2820.04	2799.34	2833	2916	24.73	55.22	97.16	4491
1978.00	2824.20	2803.50	2835	2917	24.68	55.11	96.97	4155
1980.00	2828.46	2807.76	2836	2919	24.63	55.00	96.77	4263
1982.00	2832.54	2811.84	2837	2920	24.58	54.89	96.58	4080
1984.00	2836.82	2816.12	2839	2922	24.53	54.77	96.38	4285
1986.00	2840.97	2820.27	2840	2923	24.48	54.67	96.19	4150
1988.00	2845.10	2824.40	2841	2925	24.43	54.56	96.01	4124
1990.00	2849.71	2829.01	2843	2927	24.37	54.43	95.77	4613
1992.00	2853.93	2833.23	2845	2929	24.32	54.31	95.58	4224
1994.00	2858.31	2837.61	2846	2931	24.27	54.19	95.37	4380
1996.00	2862.72	2842.02	2848	2932	24.21	54.07	95.17	4402
1998.00	2866.77	2846.07	2849	2934	24.17	53.97	94.99	4056
2000.00	2871.13	2850.43	2850	2935	24.11	53.86	94.79	4362
2002.00	2875.45	2854.75	2852	2937	24.06	53.74	94.59	4317
2004.00	2880.08	2859.38	2854	2939	24.00	53.61	94.36	4625
2006.00	2884.72	2864.02	2855	2942	23.94	53.48	94.14	4647
2008.00	2889.28	2868.58	2857	2944	23.89	53.35	93.92	4558
2010.00	2893.47	2872.77	2858	2945	23.84	53.25	93.73	4187
2012.00	2897.82	2877.12	2860	2947	23.79	53.14	93.54	4356
2014.00	2902.30	2881.60	2862	2949	23.73	53.02	93.33	4472

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2016.00	2906.74	2886.05	2863	2951	23.68	52.90	93.13	4448
2018.00	2911.39	2890.69	2865	2953	23.62	52.77	92.91	4646
2020.00	2915.71	2895.01	2866	2954	23.57	52.66	92.72	4323
2022.00	2919.82	2899.12	2868	2956	23.53	52.56	92.54	4104
2024.00	2924.03	2903.33	2869	2957	23.48	52.46	92.37	4209
2026.00	2928.43	2907.73	2870	2959	23.43	52.35	92.17	4402
2028.00	2932.51	2911.81	2872	2960	23.39	52.25	92.00	4079
2030.00	2937.03	2916.33	2873	2962	23.33	52.13	91.80	4518
2032.00	2941.22	2920.52	2875	2964	23.29	52.03	91.62	4199
2034.00	2945.44	2924.74	2876	2965	23.24	51.93	91.45	4213
2036.00	2949.70	2929.00	2877	2967	23.20	51.83	91.27	4260
2038.00	2954.17	2933.47	2879	2969	23.14	51.72	91.07	4472
2040.00	2958.54	2937.84	2880	2970	23.10	51.61	90.88	4367
2042.00	2962.80	2942.10	2882	2972	23.05	51.51	90.71	4262
2044.00	2967.13	2946.43	2883	2974	23.00	51.40	90.52	4337
2046.00	2971.56	2950.86	2885	2975	22.95	51.29	90.33	4423
2048.00	2975.84	2955.14	2886	2977	22.91	51.19	90.16	4279
2050.00	2980.16	2959.46	2887	2978	22.86	51.09	89.98	4324
2052.00	2984.42	2963.72	2889	2980	22.82	50.99	89.80	4262
2054.00	2989.07	2968.37	2890	2982	22.76	50.87	89.60	4651
2056.00	2993.43	2972.73	2892	2984	22.71	50.76	89.42	4356
2058.00	2997.81	2977.11	2893	2985	22.67	50.66	89.24	4383
2060.00	3002.25	2981.55	2895	2987	22.62	50.55	89.05	4438
2062.00	3006.64	2985.94	2896	2989	22.57	50.45	88.87	4389



TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2064.00	3010.70	2990.00	2897	2990	22.53	50.36	88.72	4064
2066.00	3014.81	2994.11	2898	2991	22.49	50.27	88.56	4103
2068.00	3019.06	2998.36	2900	2993	22.45	50.17	88.39	4256
2070.00	3023.30	3002.60	2901	2994	22.41	50.08	88.23	4232
2072.00	3027.76	3007.06	2903	2996	22.36	49.97	88.04	4465
2074.00	3031.83	3011.13	2904	2997	22.32	49.89	87.89	4067
2076.00	3036.04	3015.34	2905	2999	22.28	49.79	87.73	4217
2078.00	3040.45	3019.75	2906	3000	22.23	49.69	87.55	4404
2080.00	3044.64	3023.94	2908	3002	22.19	49.60	87.39	4193
2082.00	3049.15	3028.45	2909	3004	22.14	49.49	87.21	4510
2084.00	3053.73	3033.03	2911	3005	22.09	49.39	87.02	4576
2086.00	3057.94	3037.24	2912	3007	22.05	49.29	86.86	4212
2088.00	3062.09	3041.39	2913	3008	22.01	49.21	86.71	4151
2090.00	3066.80	3046.10	2915	3010	21.96	49.09	86.51	4705
2092.00	3071.41	3050.71	2917	3012	21.91	48.99	86.32	4611
2094.00	3076.11	3055.41	2918	3014	21.86	48.87	86.13	4706
2096.00	3080.76	3060.06	2920	3016	21.81	48.76	85.94	4647
2098.00	3085.45	3064.75	2922	3018	21.76	48.65	85.75	4692
2100.00	3089.75	3069.05	2923	3020	21.72	48.56	85.58	4299
2102.00	3094.18	3073.48	2924	3021	21.68	48.46	85.41	4433
2104.00	3098.79	3078.09	2926	3023	21.63	48.36	85.23	4606
2106.00	3103.09	3082.39	2927	3025	21.59	48.27	85.07	4297
2108.00	3107.37	3086.67	2929	3026	21.55	48.18	84.92	4282
2110.00	3111.91	3091.21	2930	3028	21.50	48.08	84.74	4539

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2112.00	3116.60	3095.90	2932	3030	21.45	47.97	84.55	4695
2114.00	3121.12	3100.42	2933	3032	21.41	47.87	84.38	4521
2116.00	3125.65	3104.95	2935	3033	21.36	47.77	84.21	4525
2118.00	3130.08	3109.38	2936	3035	21.32	47.68	84.04	4429
2120.00	3134.57	3113.87	2938	3037	21.28	47.58	83.87	4493
2122.00	3139.02	3118.32	2939	3038	21.23	47.48	83.71	4446
2124.00	3143.49	3122.79	2940	3040	21.19	47.39	83.54	4477
2126.00	3147.83	3127.13	2942	3042	21.15	47.30	83.39	4334
2128.00	3152.51	3131.81	2943	3044	21.10	47.20	83.21	4682
2130.00	3156.82	3136.12	2945	3045	21.06	47.11	83.06	4308
2132.00	3161.11	3140.41	2946	3046	21.03	47.02	82.91	4294
2134.00	3165.87	3145.17	2948	3048	20.98	46.92	82.72	4760
2136.00	3170.55	3149.85	2949	3050	20.93	46.81	82.54	4679
2138.00	3175.19	3154.49	2951	3052	20.89	46.72	82.37	4636
2140.00	3179.85	3159.15	2952	3054	20.84	46.61	82.20	4662
2142.00	3184.41	3163.71	2954	3056	20.80	46.52	82.03	4566
2144.00	3189.04	3168.34	2956	3058	20.75	46.42	81.86	4625
2146.00	3193.51	3172.81	2957	3059	20.71	46.33	81.70	4469
2148.00	3198.10	3177.40	2958	3061	20.67	46.24	81.53	4591
2150.00	3202.68	3181.98	2960	3063	20.63	46.14	81.37	4578
2152.00	3207.33	3186.63	2962	3065	20.58	46.04	81.20	4657
2154.00	3212.07	3191.37	2963	3067	20.54	45.94	81.02	4730
2156.00	3216.54	3195.84	2965	3068	20.50	45.85	80.87	4473
2158.00	3221.28	3200.58	2966	3070	20.45	45.75	80.69	4739

TWO-WAY TRAVEL TIME FROM SRD MS	MEASURED DEPTH FROM DF M	VERTICAL DEPTH FROM SRD M	AVERAGE VELOCITY SRD/GEO M/S	RMS VELOCITY M/S	FIRST NORMAL MOVEOUT MS	SECOND NORMAL MOVEOUT MS	THIRD NORMAL MOVEOUT MS	INTERVAL VELOCITY M/S
2160.00	3225.67	3204.97	2968	3072	20.42	45.67	80.54	4390
2162.00	3230.40	3209.70	2969	3074	20.37	45.57	80.37	4733
2164.00	3234.82	3214.12	2971	3075	20.33	45.48	80.22	4418
2166.00	3239.10	3218.40	2972	3077	20.30	45.40	80.08	4279
2168.00	3243.75	3223.05	2973	3078	20.25	45.31	79.92	4654
2170.00	3248.34	3227.64	2975	3080	20.21	45.22	79.76	4592
2172.00	3253.02	3232.32	2976	3082	20.17	45.12	79.60	4679
2174.00	3257.54	3236.84	2978	3084	20.13	45.04	79.44	4518
2176.00	3262.00	3241.30	2979	3085	20.09	44.95	79.29	4462
2178.00	3266.63	3245.93	2981	3087	20.05	44.86	79.13	4630
2180.00	3271.29	3250.59	2982	3089	20.01	44.77	78.97	4660
2182.00	3275.62	3254.92	2983	3090	19.97	44.69	78.83	4330
2184.00	3279.99	3259.29	2985	3092	19.94	44.61	78.69	4371
2186.00	3284.58	3263.88	2986	3093	19.90	44.52	78.54	4585
2188.00	3289.20	3268.50	2988	3095	19.86	44.43	78.38	4624
2190.00	3293.84	3273.14	2989	3097	19.82	44.34	78.23	4636
2192.00	3298.35	3277.65	2991	3098	19.78	44.25	78.08	4515
2194.00	3302.99	3282.29	2992	3100	19.74	44.17	77.92	4637
2196.00	3307.56	3286.86	2993	3102	19.70	44.08	77.77	4567
2198.00	3312.17	3291.47	2995	3103	19.66	43.99	77.62	4607
2200.00	3316.74	3296.04	2996	3105	19.62	43.91	77.47	4573

*Synthetic*

ANALYST: R.BUNT

27-JUL-84 14:51:28

PROGRAM: GTRFRM 007.E08

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*          SCHLUMBERGER              *  
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SYNTHETIC SEISMOGRAM TABLE

COMPANY : ESSO AUSTRALIA LTD.  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
COUNTRY : AUSTRALIA  
REFERENCE: FS2A,540,175  
LOGGED : 8-JUL-84

ANALYST: R.BUNT

27-JUL-84 14:51:28

PROGRAM: GTRFRM 007.E08

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*          SCHLUMBERGER              *  
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SYNTHETIC SEISMOGRAM TABLE

COMPANY : ESSO AUSTRALIA LTD.  
WELL : TUNA #4  
FIELD : FIELD OUTPOST  
COUNTRY : AUSTRALIA  
REFERENCE: FS2A,540,175  
LOGGED : 8-JUL-84

CHANNEL NAMES

CHAN 1 = TWOT.GMU.002.\*  
 CHAN 2 = DSRD.GRF.006.\*  
 CHAN 3 = INTV.GRF.007.\*  
 CHAN 4 = RHOT.GRF.001.\*  
 CHAN 5 = REFL.GRF.001.\*  
 CHAN 6 = ATTE.GRF.001.\*  
 CHAN 7 = PRIM.GRF.001.\*  
 CHAN 8 = MULT.GMU.001.\*  
 CHAN 9 = MUON.GMU.001.\*

(GLOBAL PARAMETERS)

(VALUE)

CDP TIME	CDPTIM	:	200000	S
GCONV DIP	GCONDIP	:	REFL	GRF.001*
GEOGRAM INPUT DENSITY	GRFO01	:	RHOB.004*	
ADJSTD SONIC CHNAM (WST)	GTR001	:	DT	.GAD.LOG.003.*
INITIALIZE CDP LOGIC	ICDP	:	0	
BOTTOM DEPTH OF PROCESSI	IGESTP	:	3300.25	M
MODE OF PROC (GEOGRAM)	IGEOF1	:	0	
TOP DEPTH OF PROCESSING	INIDEP	:	200.430	M
INITIAL TWO WAY TRAVEL T	INITAU	:	.251660	S
REFLECTION COEFF MAXIMUM	RCMAX	:	300000	
RMS VELOCITY IN WELL	RMSVWE	:	3255.87	M/S
SURFACE COEFFICIENT OF R	SCRTIM	:	0	MS
SURFACE COEFFICIENT OF R	SCREFL	:	-1.00000	
TIME SAMPLING (WST)	SRATE	:	2.00000	MS
SRD FOR GEOGRAM	SRDGEO	:	-30479.7	M
SRD TIME	SRDTIM	:	0	MS
UNIFORM EARTH VELOCITY	UNERTH	:	2133.60	M/S
UNIFORM DENSITY VALUE	UNFDEN	:	2.30000	G/C3

(MATRIX PARAMETERS)

1 GR\*

(ZONED PARAMETERS)

(VALUE)

(LIMITS)

LAYER OPTION FLAG DENS	LOFDEN	:	-1.000000		30479.7	-	0
LAYER OPTION FLAG VELOC	LOFVEL	:	1.000000		30479.7	-	0
USER SUPPLIED DENSITY DA	LAYDEN	:	-999.2500	G/C3	30479.7	-	0
USER VELOC (WST)	LAYVEL	:	1592.800	M/S	221.130	-	0

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
253.7	202.57	2141	2,280	.012	.99986	.01166	.01166	0
255.7	204.76	2192	2,280	-.002	.99986	-.00166	-.00179	-.00014
257.7	206.95	2185	2,280	-.015	.99963	-.01524	-.01520	.00004
259.7	209.07	2119	2,280	-.009	.99955	-.00882	-.00847	.00035
261.7	211.15	2082	2,280	.027	.99881	.02722	.02736	.00015
263.7	213.35	2199	2,280	-.010	.99872	-.00975	-.01065	-.00090
265.7	215.50	2156	2,280	-.007	.99866	-.00725	-.00716	.00008
267.7	217.63	2125	2,280	.006	.99863	.00596	.00684	.00088
269.7	219.78	2151	2,280	.009	.99854	.00947	.00945	-.00003
271.7	221.97	2192	2,280	.002	.99853	.00208	.00076	-.00132
273.7	224.17	2201	2,280	-.007	.99848	-.00738	-.00673	.00065
275.7	226.34	2169	2,280	.001	.99848	.00103	.00188	.00085
277.7	228.51	2173	2,280	.001	.99848	.00064	.00027	-.00037
279.7	230.69	2176	2,280	.002	.99847	.00185	.00122	-.00063
281.7	232.87	2184	2,280	-.001	.99847	-.00080	-.00069	.00011
283.7	235.05	2180	2,280	-.014	.99828	-.01381	-.01324	.00057
285.7	237.18	2121	2,280	.006	.99825	.00599	.00601	.00003
287.7	239.32	2147	2,280	.017	.99795	.01729	.01688	-.00041
289.7	241.54	2222	2,280	-.017	.99766	-.01680	-.01756	-.00076
291.7	243.69	2149	2,280	.010	.99756	.01018	.01082	.00064
293.7	245.89	2193	2,280	.011	.99744	.01108	.01208	.00101
295.7	248.13	2242	2,280	-.001	.99744	-.00081	-.00197	-.00115
297.7	250.37	2239	2,280	.001	.99744	.00053	-.00033	-.00086
		2241	2,280					



TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
299.7	252.61			-.002	.99743	-.00198	.00011	.00208
301.7	254.84	2232	2.280	-.001	.99743	-.00069	-.00101	-.00032
303.7	257.07	2229	2.280	-.002	.99743	-.00162	-.00260	-.00098
305.7	259.29	2222	2.280	.003	.99742	.00307	.00325	.00018
307.7	261.53	2236	2.280	-.005	.99740	-.00485	-.00456	.00029
309.7	263.74	2214	2.280	.007	.99735	.00694	.00697	.00002
309.7	263.74	2245	2.280	-.002	.99734	-.00213	-.00274	-.00062
311.7	265.98	2235	2.280	.003	.99734	.00259	.00282	.00023
313.7	268.22	2247	2.280	.022	.99685	.02211	.02192	-.00020
315.7	270.47	2349	2.280	-.019	.99650	-.01857	-.01853	.00004
317.7	272.82	2263	2.280	.001	.99650	.00108	.00162	.00053
319.7	275.08	2268	2.280	.005	.99648	.00462	.00471	.00008
321.7	277.35	2289	2.280	.002	.99647	.00185	.00170	-.00015
323.7	279.64	2298	2.280	.001	.99647	.00121	.00049	-.00072
325.7	281.93	2303	2.280	-.004	.99646	-.00382	-.00301	.00081
327.7	284.24	2286	2.280	.005	.99643	.00505	.00502	-.00004
329.7	286.52	2309	2.280	0	.99643	-.00009	-.00058	-.00049
331.7	288.83	2309	2.280	0	.99643	-.00022	-.00080	-.00058
333.7	291.14	2308	2.280	.001	.99643	.00128	.00167	.00039
335.7	293.45	2313	2.280	-.002	.99643	-.00214	-.00148	.00066
337.7	295.76	2304	2.280	.005	.99640	.00462	.00374	-.00088
339.7	298.06	2325	2.280	.001	.99640	.00076	.00085	.00010
341.7	300.39	2329	2.280	.001	.99640	.00117	.00151	.00034
343.7	302.72	2334	2.280	-.001	.99640	-.00147	-.00173	-.00026
345.7	305.05							

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
347.7	307.38	2327	2.280	-.005	.99637	-.00514	-.00412	.00102
349.7	309.68	2303	2.280	.010	.99628	.00984	.00870	-.00114
351.7	312.03	2349	2.280	.004	.99626	.00368	.00302	-.00065
353.7	314.40	2367	2.280	.003	.99626	.00260	.00391	.00131
355.7	316.78	2379	2.280	.004	.99624	.00412	.00313	-.00099
357.7	319.18	2399	2.280	.002	.99623	.00245	.00259	.00015
359.7	321.59	2411	2.280	-.001	.99623	-.00058	-.00074	-.00015
361.7	323.99	2408	2.280	.001	.99623	.00095	.00125	.00030
363.7	326.41	2412	2.280	-.004	.99622	-.00387	-.00376	.00011
365.7	328.80	2394	2.280	.006	.99618	.00569	.00547	-.00021
367.7	331.22	2421	2.280	-.002	.99618	-.00230	-.00244	-.00014
369.7	333.63	2410	2.280	-.001	.99618	-.00052	-.00082	-.00030
371.7	336.04	2408	2.280	.004	.99617	.00356	.00393	.00037
373.7	338.46	2425	2.280	.002	.99616	.00151	.00124	-.00028
375.7	340.90	2432	2.280	.002	.99616	.00242	.00210	-.00032
377.7	343.34	2444	2.280	-.008	.99609	-.00840	-.00829	.00012
379.7	345.74	2403	2.280	.014	.99590	.01366	.01349	-.00018
381.7	348.21	2470	2.280	-.016	.99565	-.01576	-.01514	.00062
383.7	350.61	2393	2.280	.007	.99560	.00696	.00662	-.00034
385.7	353.03	2427	2.280	-.007	.99555	-.00702	-.00753	-.00051
387.7	355.42	2393	2.280	.016	.99530	.01595	.01692	.00097
389.7	357.90	2471	2.280	-.004	.99528	-.00444	-.00592	-.00148
391.7	360.34	2449	2.280	-.002	.99527	-.00223	-.00135	.00088
		2438	2.280					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
393.7	362.78	2452	2,280	.003	.99526	.00291	.00238	-.00053
395.7	365.23	2501	2,280	.010	.99517	.00977	.01026	.00049
397.7	367.73	2500	2,280	0	.99517	-.00015	-.00150	-.00135
399.7	370.23	2455	2,280	-.009	.99509	-.00895	-.00833	.00062
401.7	372.69	2537	2,280	.016	.99482	.01628	.01709	.00081
403.7	375.23	2525	2,280	-.002	.99481	-.00234	-.00311	-.00077
405.7	377.75	2561	2,280	.007	.99476	.00713	.00662	-.00051
407.7	380.31	2609	2,280	.009	.99468	.00917	.00926	.00009
409.7	382.92	2586	2,280	-.004	.99466	-.00440	-.00341	.00099
411.7	385.51	2628	2,280	.008	.99460	.00790	.00716	-.00074
413.7	388.14	2451	2,280	-.035	.99340	-.03454	-.03513	-.00059
415.7	390.59	2491	2,280	.008	.99333	.00802	.00844	.00042
417.7	393.08	2449	2,280	-.008	.99326	-.00840	-.00798	.00042
419.7	395.53	2489	2,280	.008	.99320	.00791	.00682	-.00109
421.7	398.02	2597	2,280	.021	.99275	.02113	.02028	-.00085
423.7	400.61	2645	2,280	.009	.99267	.00905	.00998	.00093
425.7	403.26	2560	2,280	-.016	.99241	-.01604	-.01657	-.00053
427.7	405.82	2806	2,280	.046	.99034	.04532	.04670	.00138
429.7	408.62	2606	2,280	-.037	.98899	-.03648	-.03793	-.00145
431.7	411.23	2693	2,280	.016	.98873	.01618	.01621	.00003
433.7	413.92	2439	2,280	-.050	.98630	-.04899	-.04758	.00141
435.7	416.36	2524	2,280	.017	.98601	.01705	.01816	.00111
437.7	418.88	2613	2,280	.017	.98571	.01696	.01252	-.00443
439.7	421.50			.009	.98563	.00905	.01113	.00208

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
441.7	424.16	2661	2.280	-.011	.98551	-.01088	-.01272	-.00184
443.7	426.76	2603	2.280	.035	.98434	.03403	.03633	.00230
445.7	429.55	2789	2.280	-.022	.98386	-.02175	-.02310	-.00134
447.7	432.22	2669	2.280	.005	.98383	.00513	.00300	-.00213
449.7	434.92	2697	2.280	-.025	.98321	-.02459	-.02078	.00381
451.7	437.48	2565	2.280	.032	.98224	.03101	.02974	-.00128
453.7	440.21	2732	2.280	-.010	.98214	-.00985	-.00972	.00013
455.7	442.89	2678	2.280	.030	.98126	.02936	.02865	-.00071
457.7	445.73	2843	2.280	-.050	.97881	-.04904	-.04903	.00001
459.7	448.31	2572	2.280	.045	.97686	.04363	.04515	.00152
461.7	451.12	2812	2.280	.010	.97676	.01009	.00921	-.00088
463.7	453.99	2871	2.280	-.019	.97641	-.01856	-.02230	-.00374
465.7	456.75	2764	2.280	-.004	.97639	-.00380	-.00187	.00193
467.7	459.50	2743	2.280	-.015	.97618	-.01427	-.01229	.00198
469.7	462.16	2664	2.280	.017	.97589	.01705	.01591	-.00114
471.7	464.92	2758	2.280	-.007	.97583	-.00727	-.01134	-.00408
473.7	467.64	2717	2.280	.013	.97566	.01282	.01687	.00405
475.7	470.43	2790	2.280	0	.97566	.00042	.00103	.00061
477.7	473.22	2792	2.280	.011	.97554	.01075	.01185	.00109
479.7	476.07	2854	2.280	.016	.97528	.01599	.01029	-.00570
481.7	479.02	2950	2.280	-.030	.97441	-.02913	-.02492	.00421
483.7	481.80	2778	2.280	-.010	.97431	-.00994	-.01010	-.00016
485.7	484.52	2722	2.280	-.024	.97375	-.02334	-.02481	-.00147
		2595	2.280					

MULTISTRAM BY THORNQUEST PRESS (W.A.) 2633

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
487.7	487.12	2721	2,280	.024	.97321	.02304	.02287	-.00017
489.7	489.84	2777	2,280	.010	.97311	.00996	.00845	-.00151
491.7	492.62	2775	2,280	0	.97310	-.00039	-.00072	-.00033
493.7	495.39	2537	2,280	-.045	.97115	-.04356	-.03938	.00419
495.7	497.93	2924	2,280	.071	.96627	.06889	.06343	-.00546
497.7	500.85	2688	2,280	-.042	.96455	-.04069	-.03712	.00357
499.7	503.54	2776	2,280	.016	.96430	.01558	.01133	-.00425
501.7	506.32	2848	2,280	.013	.96415	.01225	.01592	.00367
503.7	509.16	2673	2,280	-.032	.96318	-.03061	-.02933	.00128
505.7	511.84	2676	2,280	.001	.96318	.00058	-.00383	-.00441
507.7	514.51	2585	2,280	-.017	.96289	-.01657	-.01528	.00129
509.7	517.10	2740	2,280	.029	.96207	.02807	.02914	.00108
511.7	519.84	2929	2,280	.033	.96101	.03201	.03003	-.00198
513.7	522.77	2803	2,280	-.022	.96054	-.02110	-.01967	.00144
515.7	525.57	2424	2,280	-.072	.95550	-.06960	-.07338	-.00378
517.7	527.99	2831	2,280	.077	.94978	.07395	.07959	.00564
519.7	530.83	2754	2,280	-.014	.94959	-.01323	-.01732	-.00409
521.7	533.58	2616	2,280	-.026	.94897	-.02440	-.02359	.00081
523.7	536.19	2291	2,280	-.066	.94481	-.06280	-.06448	-.00169
525.7	538.49	2410	2,280	.025	.94421	.02392	.02719	.00327
527.7	540.90	2616	2,280	.041	.94261	.03879	.03520	-.00359
529.7	543.51	2674	2,280	.011	.94250	.01028	.00518	-.00510
531.7	546.19	2516	2,280	-.030	.94163	-.02862	-.02331	.00531
533.7	548.70			.067	.93745	.06275	.06921	.00646

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
535.7	551.58	2876	2,280	-.035	.93632	-.03253	-.03678	-.00426
537.7	554.26	2683	2,280	-.011	.93620	-.01076	-.01730	-.00655
539.7	556.88	2622	2,280	.018	.93590	.01669	.02682	.01014
541.7	559.60	2717	2,280	.023	.93540	.02155	.02053	-.00101
543.7	562.45	2845	2,280	-.013	.93524	-.01257	-.01737	-.00480
545.7	565.21	2770	2,280	.016	.93501	.01465	.01611	.00146
547.7	568.07	2858	2,280	.005	.93499	.00431	.00729	.00298
549.7	570.96	2884	2,280	-.016	.93475	-.01494	-.01592	-.00098
551.7	573.75	2794	2,280	.003	.93474	.00251	.00035	-.00216
553.7	576.56	2809	2,280	.008	.93468	.00729	.00443	-.00287
555.7	579.41	2853	2,280	-.004	.93467	-.00358	.00148	.00505
557.7	582.24	2831	2,280	.025	.93409	.02328	.02484	.00156
559.7	585.22	2976	2,280	-.026	.93345	-.02447	-.02840	-.00393
561.7	588.04	2824	2,280	.001	.93345	.00119	.00333	.00214
563.7	590.87	2831	2,280	.022	.93301	.02018	.01718	-.00299
565.7	593.83	2956	2,280	.001	.93301	.00106	.00590	.00483
567.7	596.79	2963	2,280	-.001	.93301	-.00120	-.00210	-.00090
569.7	599.75	2955	2,280	.007	.93296	.00675	.00436	-.00239
571.7	602.75	2998	2,280	-.020	.93259	-.01869	-.01348	.00522
573.7	605.63	2880	2,280	.006	.93255	.00548	.00136	-.00412
575.7	608.54	2915	2,280	.021	.93212	.01999	.01521	-.00478
577.7	611.58	3042	2,280	.011	.93202	.00994	.01513	.00519
579.7	614.69	3108	2,280	-.021	.93160	-.01984	-.01903	.00081
		2978	2,280					

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
581.7	617.67	3098	2,280	.020	.93124	.01830	.01216	-.00613
583.7	620.77	3099	2,280	0	.93124	.00021	.00610	.00589
585.7	623.87	2703	2,280	-.068	.92690	-.06354	-.06224	.00131
587.7	626.57	2698	2,280	-.001	.92690	-.00092	-.00512	-.00421
589.7	629.27	2966	2,280	.047	.92483	.04384	.04990	.00606
591.7	632.23	2960	2,280	-.001	.92483	-.00094	-.01242	-.01148
593.7	635.19	2979	2,280	.003	.92482	.00302	.00818	.00516
595.7	638.17	2887	2,280	-.016	.92459	-.01451	-.00914	.00537
597.7	641.06	2777	2,280	-.019	.92424	-.01792	-.02858	-.01066
599.7	643.84	3114	2,280	.057	.92121	.05292	.05185	-.00108
601.7	646.95	3045	2,280	-.011	.92109	-.01044	-.00206	.00838
603.7	649.99	3147	2,280	.016	.92084	.01519	.01406	-.00113
605.7	653.14	3096	2,280	-.008	.92078	-.00744	-.00231	.00513
607.7	656.24	2902	2,280	-.032	.91981	-.02991	-.03376	-.00385
609.7	659.14	2737	2,280	-.029	.91903	-.02676	-.02514	.00162
611.7	661.88	2801	2,280	.011	.91891	.01050	-.00243	-.01293
613.7	664.68	2828	2,280	.005	.91889	.00445	.01583	.01138
615.7	667.51	2967	2,280	.024	.91836	.02199	.00794	-.01404
617.7	670.47	2747	2,280	-.038	.91701	-.03525	-.02302	.01223
619.7	673.22	2770	2,280	.004	.91699	.00378	-.00717	-.01095
621.7	675.99	3038	2,280	.046	.91504	.04235	.05856	.01622
623.7	679.03	2895	2,280	-.024	.91451	-.02209	-.03576	-.01368
625.7	681.92	2879	2,280	-.003	.91450	-.00260	.01006	.01266
627.7	684.80			.023	.91402	.02090	.01511	-.00579

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
629.7	687.81	3013	2,280	-.050	.91177	-.04531	-.04084	.00447
631.7	690.54	2729	2,280	.043	.91011	.03893	.02165	-.01729
633.7	693.52	2972	2,280	.028	.90937	.02592	.04367	.01774
635.7	696.66	3146	2,280	-.019	.90905	-.01728	-.02558	-.00830
637.7	699.69	3029	2,280	-.010	.90895	-.00948	-.00187	.00761
639.7	702.66	2966	2,280	.037	.90769	.03379	.02613	-.00767
641.7	705.85	3196	2,280	-.081	.90178	-.07325	-.06605	.00720
643.7	708.57	2718	2,280	-.002	.90177	-.00172	-.00470	-.00298
645.7	711.28	2708	2,280	.014	.90161	.01237	.00445	-.00792
647.7	714.06	2783	2,280	.016	.90139	.01404	.01071	-.00334
649.7	716.93	2871	2,280	.003	.90138	.00228	.00647	.00418
651.7	719.82	2886	2,280	.017	.90111	.01571	.01845	.00273
653.7	722.81	2988	2,280	0	.90111	.00034	.00599	.00565
655.7	725.80	2991	2,280	-.034	.90007	-.03053	-.04494	-.01441
657.7	728.59	2795	2,280	-.012	.89993	-.01117	.00345	.01462
659.7	731.32	2726	2,280	.029	.89919	.02585	.02868	.00283
661.7	734.21	2887	2,280	-.025	.89864	-.02233	-.02945	-.00713
663.7	736.95	2747	2,280	.014	.89845	.01284	.00147	-.01137
665.7	739.78	2827	2,280	.007	.89841	.00587	.01910	.01323
667.7	742.65	2864	2,280	-.018	.89813	-.01598	-.02338	-.00740
669.7	745.41	2764	2,280	-.020	.89777	-.01802	-.01884	-.00082
671.7	748.07	2655	2,280	-.004	.89776	-.00336	-.00500	-.00164
673.7	750.70	2636	2,280	.021	.89736	.01885	.02896	.01011
		2749	2,280					

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
675.7	753.45	2930	2.280	.032	.89645	.02862	.02122	-.00740
677.7	756.38	2733	2.280	-.035	.89537	-.03108	-.02554	.00554
679.7	759.11	2645	2.280	-.017	.89513	-.01478	-.01518	-.00041
681.7	761.76	2638	2.280	-.001	.89513	-.00116	-.00443	-.00326
683.7	764.40	2808	2.280	.031	.89425	.02793	.02508	-.00285
685.7	767.20	2631	2.280	-.032	.89331	-.02906	-.02928	-.00022
687.7	769.83	2750	2.280	.022	.89287	.01983	.01316	-.00666
689.7	772.58	2743	2.275	-.002	.89286	-.00217	.00559	.00776
691.7	775.33	2807	2.212	-.003	.89286	-.00241	.00372	.00613
693.7	778.13	2807	2.342	.029	.89212	.02563	.02396	-.00166
695.7	780.94	2566	2.209	-.074	.88724	-.06597	-.06081	.00516
697.7	783.51	2776	2.314	.063	.88378	.05546	.03761	-.01785
699.7	786.28	2861	2.312	.015	.88359	.01293	.02816	.01523
701.7	789.14	2483	2.150	-.107	.87353	-.09428	-.09472	-.00045
703.7	791.63	2577	2.223	.035	.87246	.03056	.01291	-.01765
705.7	794.20	2685	2.326	.043	.87082	.03787	.03710	-.00076
707.7	796.89	2688	2.320	-.001	.87082	-.00068	.02638	.02706
709.7	799.58	2572	2.261	-.035	.86974	-.03059	-.05872	-.02813
711.7	802.15	2795	2.354	.062	.86642	.05378	.07911	.02534
713.7	804.94	2659	2.258	-.046	.86461	-.03957	-.05277	-.01319
715.7	807.60	2529	2.252	-.027	.86400	-.02296	-.01208	.01088
717.7	810.13	2620	2.283	.025	.86348	.02125	.00525	-.01600
719.7	812.75	2692	2.323	.022	.86305	.01924	.02808	.00884
721.7	815.44			-.025	.86250	-.02181	-.03883	-.01701

MULTISTRAM BY THORNQUEST PRESS (W.A.) 2633

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
723.7	818.06	2613	2.275	.011	.86240	.00913	.03318	.02405
725.7	820.72	2661	2.282	-.042	.86085	-.03651	-.04217	-.00566
727.7	823.24	2526	2.209	.097	.85268	.08386	.07153	-.01233
729.7	826.14	2891	2.347	-.002	.85268	-.00206	.01063	.01269
731.7	829.04	2902	2.327	-.024	.85218	-.02064	-.00731	.01333
733.7	831.83	2796	2.300	-.036	.85110	-.03028	-.04559	-.01531
735.7	834.46	2630	2.277	-.029	.85039	-.02459	-.02548	-.00089
737.7	836.99	2528	2.237	.045	.84870	.03794	.02924	-.00870
739.7	839.67	2676	2.310	.017	.84847	.01412	.01576	.00164
741.7	842.41	2739	2.334	-.081	.84292	-.06860	-.05643	.01216
743.7	844.88	2470	2.200	-.007	.84288	-.00614	-.01187	-.00573
745.7	847.31	2430	2.204	.005	.84285	.00448	-.00277	-.00724
747.7	849.75	2444	2.215	.055	.84029	.04649	.04176	-.00473
749.7	852.44	2692	2.246	.010	.84021	.00810	.00829	.00019
751.7	855.12	2680	2.300	-.051	.83801	-.04295	-.02433	.01862
753.7	857.64	2520	2.208	.056	.83536	.04716	.03816	-.00900
755.7	860.34	2701	2.306	-.095	.82789	-.07900	-.08969	-.01069
757.7	862.76	2415	2.133	.067	.82419	.05530	.05034	-.00497
759.7	865.37	2612	2.255	-.038	.82302	-.03109	-.00484	.02625
761.7	867.86	2490	2.194	.087	.81675	.07183	.05431	-.01753
763.7	870.63	2776	2.344	-.061	.81367	-.05018	-.03454	.01564
765.7	873.20	2570	2.239	-.035	.81265	-.02884	-.03272	-.00388
767.7	875.66	2457	2.181	.033	.81175	.02702	.02146	-.00556
		2558	2.239					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
769.7	878.22	2607	2.256	.013	.81161	.01069	-.00597	-.01666
771.7	880.83	2608	2.257	.001	.81161	.00043	.00831	.00788
773.7	883.43	2615	2.260	.002	.81160	.00166	.02084	.01918
775.7	886.05	2675	2.279	.015	.81141	.01246	.00894	-.00352
777.7	888.72	2594	2.228	-.027	.81084	-.02154	-.04053	-.01900
779.7	891.32	2606	2.255	.008	.81079	.00669	.01660	.00991
781.7	893.92	2657	2.283	.016	.81058	.01304	.02999	.01695
783.7	896.58	2587	2.238	-.023	.81013	-.01904	-.02648	-.00745
785.7	899.17	2542	2.222	-.012	.81001	-.00999	-.01816	-.00817
787.7	901.71	2636	2.282	.031	.80921	.02546	.02354	-.00193
789.7	904.34	2630	2.284	0	.80921	-.00039	.01787	.01826
791.7	906.97	2521	2.219	-.036	.80817	-.02889	-.05730	-.02841
793.7	909.50	2598	2.275	.027	.80757	.02208	.02466	.00258
795.7	912.09	2483	2.216	-.036	.80654	-.02885	-.00892	.01993
797.7	914.58	2476	2.196	-.006	.80651	-.00459	-.01210	-.00751
799.7	917.05	2614	2.241	.037	.80540	.03001	.03141	.00139
801.7	919.67	2561	2.289	0	.80540	.00022	-.00899	-.00921
803.7	922.23	2574	2.256	-.005	.80538	-.00390	.00006	.00396
805.7	924.80	2501	2.261	-.013	.80524	-.01064	.00828	.01893
807.7	927.30	2665	2.303	.041	.80390	.03286	.01683	-.01603
809.7	929.97	2658	2.307	0	.80390	-.00039	.00265	.00304
811.7	932.63	2634	2.256	-.016	.80370	-.01264	-.01077	.00187
813.7	935.26	2460	2.197	-.047	.80190	-.03801	-.02777	.01025
815.7	937.72			.034	.80097	.02727	.01896	-.00831

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
817.7	940.25	2528	2.288	.040	.79968	.03222	.03113	-.00108
819.7	942.94	2695	2.326	-.016	.79947	-.01289	-.00396	.00893
821.7	945.59	2650	2.291	-.033	.79860	-.02635	-.03412	-.00777
823.7	948.12	2523	2.253	.014	.79845	.01105	.00327	-.00778
825.7	950.68	2561	2.281	.014	.79830	.01093	.00684	-.00409
827.7	953.30	2622	2.290	-.015	.79812	-.01189	-.00122	.01067
829.7	955.87	2574	2.264	.010	.79804	.00807	.01562	.00755
831.7	958.48	2606	2.282	-.003	.79803	-.00221	-.01052	-.00832
833.7	961.06	2584	2.289	-.020	.79773	-.01567	-.01118	.00449
835.7	963.57	2509	2.267	-.006	.79770	-.00485	-.01009	-.00524
837.7	966.05	2479	2.266	.027	.79710	.02185	.03542	.01357
839.7	968.63	2579	2.301	.033	.79624	.02609	.00348	-.02261
841.7	971.35	2722	2.328	-.020	.79593	-.01591	.00502	.02093
843.7	974.01	2660	2.289	-.030	.79523	-.02360	-.04630	-.02271
845.7	976.58	2569	2.233	-.022	.79485	-.01734	.01951	.03685
847.7	979.05	2465	2.228	.034	.79393	.02694	-.00366	-.03061
849.7	981.62	2572	2.285	.015	.79376	.01178	.00830	-.00348
851.7	984.26	2639	2.295	.019	.79349	.01472	.02053	.00580
853.7	986.97	2716	2.313	-.051	.79140	-.04072	-.02210	.01862
855.7	989.52	2544	2.229	.036	.79040	.02813	.02614	-.00199
857.7	992.16	2644	2.303	.037	.78931	.02934	.01750	-.01184
859.7	994.96	2794	2.347	-.030	.78861	-.02342	-.03437	-.01095
861.7	997.64	2686	2.301	-.024	.78816	-.01893	.00325	.02218
		2617	2.250					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
863.7	1000.26	2471	2,211	-.038	.78705	-.02959	-.03843	-.00884
865.7	1002.73	2605	2,303	.047	.78533	.03677	.02696	-.00981
867.7	1005.34	2720	2,319	.025	.78484	.01957	.03183	.01225
869.7	1008.06	2548	2,213	-.056	.78239	-.04388	-.03953	.00434
871.7	1010.60	2609	2,287	.028	.78176	.02216	.00895	-.01321
873.7	1013.21	2648	2,301	.011	.78167	.00829	.02542	.01713
875.7	1015.86	2519	2,188	-.050	.77970	-.03928	-.05456	-.01528
877.7	1018.38	2503	2,236	.008	.77965	.00597	.00765	.00168
879.7	1020.88	2766	2,303	.065	.77639	.05046	.05000	-.00046
881.7	1023.65	2615	2,271	-.035	.77543	-.02724	-.03644	-.00920
883.7	1026.27	2650	2,280	.008	.77538	.00659	-.00277	-.00937
885.7	1028.92	2531	2,266	-.026	.77485	-.02015	.02539	.04554
887.7	1031.45	2610	2,246	.011	.77476	.00838	-.02461	-.03300
889.7	1034.06	2442	2,157	-.053	.77255	-.04135	-.02968	.01166
891.7	1036.50	2458	2,226	.019	.77228	.01460	.00503	-.00958
893.7	1038.96	2483	2,199	-.001	.77228	-.00070	.00474	.00544
895.7	1041.44	2469	2,231	.004	.77226	.00338	.00006	-.00332
897.7	1043.91	2566	2,239	.021	.77192	.01623	.00317	-.01307
899.7	1046.47	2527	2,209	-.014	.77176	-.01107	.00121	.01228
901.7	1049.00	2466	2,137	-.029	.77113	-.02219	-.01348	.00871
903.7	1051.47	2488	2,208	.021	.77079	.01606	-.00891	-.02497
905.7	1053.96	2489	2,179	-.006	.77076	-.00496	.02793	.03288
907.7	1056.44	2704	2,282	.064	.76756	.04964	.01629	-.03335
909.7	1059.15			.053	.76541	.04066	.06998	.02933

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
911.7	1062.05	2901	2,365	-.077	.76087	-.05895	-.04314	.01581
		2646	2,222	.019	.76060	.01433	.00376	-.01057
913.7	1064.70	2706	2,256	-.057	.75814	-.04323	-.07211	-.02888
915.7	1067.40	2486	2,192	.074	.75402	.05589	.07462	.01873
917.7	1069.89	2702	2,338	-.030	.75334	-.02267	-.03164	-.00896
919.7	1072.59	2641	2,252	-.052	.75132	-.03900	-.03960	-.00060
921.7	1075.23	2474	2,167	-.003	.75131	-.00252	.01742	.01995
923.7	1077.70	2477	2,150	-.012	.75120	-.00935	-.02672	-.01737
925.7	1080.18	2430	2,138	.043	.74980	.03243	.01280	-.01963
927.7	1082.61	2534	2,235	-.041	.74857	-.03037	-.02139	.00897
929.7	1085.15	2445	2,136	.005	.74855	.00373	.00870	.00498
931.7	1087.59	2438	2,164	-.010	.74848	-.00725	-.01296	-.00571
933.7	1090.03	2391	2,164	.018	.74825	.01313	.03396	.02083
935.7	1092.42	2438	2,198	.001	.74825	.00102	-.02402	-.02503
937.7	1094.86	2446	2,197	.008	.74820	.00587	.02602	.02015
939.7	1097.30	2478	2,202	-.005	.74818	-.00347	-.02496	-.02149
941.7	1099.78	2438	2,218	.021	.74786	.01564	.02300	.00736
943.7	1102.22	2530	2,229	-.024	.74742	-.01807	.01197	.03004
945.7	1104.75	2436	2,205	.064	.74432	.04813	.02417	-.02396
947.7	1107.19	2666	2,293	-.063	.74133	-.04717	-.05140	-.00423
949.7	1109.85	2478	2,173	.005	.74131	.00374	.01043	.00668
951.7	1112.33	2492	2,183	.016	.74111	.01223	.01510	.00287
953.7	1114.82	2491	2,257	.014	.74097	.01021	.00977	-.00044
955.7	1117.31	2554	2,262					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
957.7	1119.87	2482	2,220	-.024	.74055	-.01757	-.03255	-.01499
959.7	1122.35	2526	2,260	.018	.74032	.01313	.02786	.01473
961.7	1124.87	2528	2,255	-.001	.74032	-.00059	.02737	.02795
963.7	1127.40	2517	2,243	-.005	.74030	-.00350	-.01744	-.01395
965.7	1129.92	2572	2,296	.023	.73993	.01666	-.01755	-.03421
967.7	1132.49	2534	2,272	-.013	.73981	-.00951	.02383	.03334
969.7	1135.03	2707	2,309	.041	.73855	.03044	.04178	.01134
971.7	1137.73	2533	2,247	-.047	.73694	-.03456	-.05262	-.01806
973.7	1140.27	2566	2,265	.010	.73686	.00766	.00189	-.00577
975.7	1142.83	2628	2,177	-.008	.73681	-.00571	-.00570	.00002
977.7	1145.46	2453	2,253	-.018	.73659	-.01291	-.02404	-.01114
979.7	1147.91	2575	2,293	.033	.73578	.02435	.04197	.01762
981.7	1150.49	2673	2,337	.028	.73520	.02078	.01325	-.00753
983.7	1153.16	2710	2,338	.007	.73516	.00527	.04647	.04120
985.7	1155.87	2740	2,355	.009	.73510	.00664	-.01483	-.02147
987.7	1158.61	2693	2,308	-.019	.73485	-.01361	-.03352	-.01991
989.7	1161.30	2689	2,315	.001	.73484	.00047	-.00151	-.00198
991.7	1163.99	2825	2,312	.024	.73442	.01766	.06922	.05156
993.7	1166.82	2645	2,249	-.047	.73283	-.03422	-.05059	-.01637
995.7	1169.46	2637	2,243	-.003	.73282	-.00222	-.01542	-.01320
997.7	1172.10	2664	2,276	.013	.73270	.00924	-.02333	-.03257
999.7	1174.76	2676	2,276	.002	.73270	.00166	.04053	.03887
1001.7	1177.44	2677	2,264	-.003	.73269	-.00194	-.01375	-.01181
1003.7	1180.12			.031	.73199	.02270	.02878	.00608

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1005.7	1182.87	2754	2,341	-.013	.73187	-.00957	-.02674	-.01717
1007.7	1185.59	2718	2,311	-.020	.73158	-.01441	-.00706	.00735
1009.7	1188.23	2645	2,283	.022	.73122	.01629	.01908	.00278
1011.7	1190.96	2726	2,316	.012	.73111	.00899	.01063	.00164
1013.7	1193.73	2765	2,340	-.012	.73101	-.00864	-.00857	.00007
1015.7	1196.45	2722	2,322	.001	.73100	.00101	-.00479	-.00580
1017.7	1199.16	2715	2,334	.004	.73099	.00265	.01777	.01512
1019.7	1201.88	2722	2,346	.003	.73099	.00252	-.01381	-.01633
1021.7	1204.64	2758	2,331	.006	.73096	.00448	.02096	.01648
1023.7	1207.41	2770	2,349	.001	.73096	.00096	.00410	.00314
1025.7	1210.20	2784	2,344	.013	.73083	.00968	.01123	.00155
1027.7	1213.01	2815	2,380	-.021	.73050	-.01551	-.03844	-.02293
1029.7	1215.76	2753	2,332	.019	.73024	.01372	.01540	.00168
1031.7	1218.59	2821	2,363	-.022	.72988	-.01636	.01291	.02927
1033.7	1221.32	2735	2,331	.008	.72983	.00601	.00164	-.00438
1035.7	1224.09	2768	2,341	-.001	.72983	-.00089	-.02433	-.02344
1037.7	1226.83	2746	2,354	.002	.72982	.00165	-.00173	-.00338
1039.7	1229.62	2786	2,331	-.005	.72980	-.00401	.02619	.03020
1041.7	1232.36	2741	2,343	.030	.72914	.02193	.00759	-.01434
1043.7	1235.21	2852	2,392	-.040	.72800	-.02882	-.02880	.00002
1045.7	1237.95	2735	2,304	.011	.72791	.00820	.00787	-.00033
1047.7	1240.69	2746	2,348	-.051	.72600	-.03730	-.03889	-.00158
1049.7	1243.27	2575	2,259	.036	.72508	.02585	.01594	-.00991
		2728	2,290					



TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1051.7	1246.00	2727	2.220	-.016	.72490	-.01127	-.00079	.01048
1053.7	1248.72	2763	2.277	.019	.72463	.01397	.00329	-.01068
1055.7	1251.49	2662	2.200	-.036	.72369	-.02611	-.02499	.00112
1057.7	1254.15	2628	2.188	-.009	.72363	-.00646	-.00265	.00381
1059.7	1256.78	2571	2.185	-.012	.72353	-.00859	-.04484	-.03625
1061.7	1259.35	2661	2.233	.028	.72296	.02029	.05444	.03414
1063.7	1262.01	2645	2.219	-.006	.72294	-.00430	-.01308	-.00878
1065.7	1264.65	2700	2.223	.011	.72285	.00801	.01721	.00920
1067.7	1267.35	2678	2.116	-.029	.72225	-.02079	-.03654	-.01576
1069.7	1270.03	2656	2.190	.013	.72213	.00937	.00605	-.00332
1071.7	1272.69	2861	2.238	.048	.72047	.03462	.06970	.03508
1073.7	1275.55	2588	2.151	-.070	.71696	-.05028	-.05317	-.00289
1075.7	1278.14	2609	2.199	.015	.71680	.01082	-.03217	-.04299
1077.7	1280.75	2633	2.230	.012	.71670	.00839	.01805	.00967
1079.7	1283.38	2623	2.203	-.008	.71665	-.00579	.01546	.02124
1081.7	1286.00	2626	2.233	.007	.71661	.00534	-.00550	-.01084
1083.7	1288.63	2653	2.210	0	.71661	-.00017	.00876	.00894
1085.7	1291.28	2623	2.251	.004	.71660	.00257	-.00657	-.00915
1087.7	1293.90	2678	2.217	.003	.71660	.00206	.00529	.00323
1089.7	1296.58	2612	2.251	-.005	.71658	-.00353	.00122	.00475
1091.7	1299.19	2586	2.179	-.021	.71625	-.01527	-.01697	-.00170
1093.7	1301.78	2676	2.269	.037	.71526	.02672	.01158	-.01514
1095.7	1304.46	2803	2.319	.034	.71443	.02438	.04690	.02252
1097.7	1307.26			-.002	.71442	-.00136	.00496	.00633

MULTISTRAM BY THORNQUEST PRESS (W.A.) 2633

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1099.7	1310.05	2794	2.318	.031	.71374	.02214	-.01073	-.03287
1101.7	1312.95	2894	2.381	-.012	.71364	-.00826	.02245	.03071
1103.7	1315.78	2835	2.375	-.025	.71321	-.01764	.01019	.02784
1105.7	1318.55	2767	2.315	-.023	.71283	-.01635	-.06032	-.04397
1107.7	1321.28	2731	2.241	.025	.71239	.01763	.02173	.00410
1109.7	1324.06	2779	2.314	.005	.71238	.00329	.02591	.02262
1111.7	1326.86	2803	2.315	-.037	.71140	-.02641	-.05989	-.03348
1113.7	1329.56	2700	2.232	.002	.71140	.00119	.01310	.01191
1115.7	1332.23	2671	2.264	.017	.71120	.01190	.01991	.00801
1117.7	1334.94	2703	2.313	-.007	.71116	-.00497	-.01371	-.00873
1119.7	1337.63	2698	2.285	.021	.71086	.01468	.00497	-.00970
1121.7	1340.41	2774	2.317	-.008	.71082	-.00550	.02130	.02680
1123.7	1343.15	2747	2.303	.008	.71078	.00549	-.00680	-.01230
1125.7	1345.94	2789	2.303	.073	.70697	.05199	.07157	.01958
1127.7	1349.08	3136	2.372	.037	.70600	.02621	.00645	-.01975
1129.7	1352.35	3273	2.448	-.005	.70599	-.00337	.02900	.03237
1131.7	1355.58	3222	2.463	-.160	.68797	-.11277	-.12823	-.01546
1133.7	1358.23	2657	2.164	.021	.68766	.01476	.00519	-.00958
1135.7	1361.02	2788	2.153	.002	.68765	.00121	-.03447	-.03567
1137.7	1363.82	2795	2.155	.003	.68765	.00226	.02946	.02720
1139.7	1366.61	2791	2.172	.036	.68675	.02485	.00365	-.02120
1141.7	1369.58	2973	2.192	-.072	.68314	-.04977	-.02497	.02480
1143.7	1372.24	2656	2.122	.003	.68314	.00204	.00489	.00284
		2658	2.134					

MULTISTREAM BY THORNQUEST PRESS (W.A.) 2633

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1145.7	1374.89	2746	2.203	.032	.68242	.02206	-.01672	-.03878
1147.7	1377.64	2815	2.177	.007	.68239	.00444	.02308	.01864
1149.7	1380.45	3171	2.253	.077	.67839	.05225	.04967	-.00258
1151.7	1383.62	2812	2.171	-.078	.67422	-.05323	-.01418	.03905
1153.7	1386.44	2740	2.174	-.012	.67411	-.00832	-.03065	-.02233
1155.7	1389.18	2794	2.169	.009	.67406	.00579	-.01083	-.01662
1157.7	1391.97	2914	2.200	.028	.67353	.01896	.02516	.00620
1159.7	1394.88	3033	2.230	.027	.67304	.01817	-.00923	-.02740
1161.7	1397.92	3113	2.252	.018	.67283	.01197	.03918	.02722
1163.7	1401.03	2999	2.227	-.024	.67243	-.01636	.00275	.01911
1165.7	1404.03	3034	2.210	.002	.67243	.00136	.02471	.02335
1167.7	1407.06	2978	2.174	-.018	.67222	-.01185	-.04890	-.03705
1169.7	1410.04	3150	2.260	.048	.67070	.03198	.00876	-.02322
1171.7	1413.19	3213	2.277	.014	.67057	.00917	.03242	.02325
1173.7	1416.40	3154	2.249	-.016	.67041	-.01042	.03836	.04878
1175.7	1419.56	3193	2.270	.011	.67033	.00730	-.04217	-.04947
1177.7	1422.75	3216	2.269	.003	.67032	.00220	.03900	.03680
1179.7	1425.97	3091	2.247	-.025	.66992	-.01652	-.04335	-.02683
1181.7	1429.06	3174	2.271	.018	.66969	.01234	.05635	.04401
1183.7	1432.23	3073	2.258	-.019	.66945	-.01275	-.05870	-.04595
1185.7	1435.31	3131	2.211	-.001	.66945	-.00071	-.00412	-.00341
1187.7	1438.44	3254	2.256	.029	.66887	.01970	.02601	.00632
1189.7	1441.69	3233	2.253	-.004	.66886	-.00269	-.01311	-.01042
1191.7	1444.92			.002	.66885	.00167	.01518	.01351

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1193.7	1448.15	3229	2.267	-.004	.66884	-.00261	.00778	.01039
1195.7	1451.37	3222	2.254	.002	.66884	.00148	-.00557	-.00705
1197.7	1454.62	3251	2.244	.002	.66884	.00112	.00936	.00824
1199.7	1457.89	3269	2.239	.008	.66880	.00503	-.02630	-.03133
1201.7	1461.21	3314	2.242	.032	.66813	.02113	.05455	.03342
1203.7	1464.67	3457	2.290	-.009	.66808	-.00572	.00328	.00901
1205.7	1468.09	3426	2.271	.020	.66782	.01329	-.01638	-.02967
1207.7	1471.64	3553	2.279	-.011	.66773	-.00752	.01806	.02559
1209.7	1475.13	3484	2.272	-.005	.66772	-.00336	-.01725	-.01389
1211.7	1478.58	3450	2.271	-.001	.66771	-.00072	.03456	.03528
1213.7	1482.04	3460	2.260	.012	.66761	.00831	-.02348	-.03179
1215.7	1485.54	3504	2.288	-.014	.66748	-.00920	.02281	.03201
1217.7	1489.00	3463	2.252	.041	.66639	.02705	.00051	-.02654
1219.7	1492.68	3680	2.298	-.014	.66626	-.00912	.00984	.01896
1221.7	1496.20	3516	2.341	-.021	.66596	-.01419	-.04073	-.02655
1223.7	1499.43	3227	2.444	-.020	.66570	-.01310	.01921	.03232
1225.7	1502.55	3123	2.428	-.015	.66554	-.01031	-.03480	-.02449
1227.7	1505.63	3078	2.388	0	.66554	.00028	-.01455	-.01483
1229.7	1508.73	3105	2.370	-.025	.66513	-.01658	-.03541	-.01883
1231.7	1511.79	3062	2.286	-.004	.66512	-.00298	.03504	.03802
1233.7	1514.92	3129	2.217	.036	.66423	.02427	.02071	-.00355
1235.7	1518.26	3339	2.235	-.020	.66397	-.01331	-.04727	-.03396
1237.7	1521.47	3211	2.233	.049	.66235	.03279	.05081	.01802
		3504	2.258					

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1239.7	1524.98	3746	2,299	.042	.66117	.02796	.04367	.01571
1241.7	1528.72	3866	2,317	.020	.66091	.01299	.01637	.00338
1243.7	1532.59	3883	2,330	.005	.66089	.00335	.03709	.03375
1245.7	1536.47	2919	2,098	-.193	.63636	-.12735	-.11865	.00870
1247.7	1539.39	2784	2,194	-.001	.63636	-.00090	-.06819	-.06729
1249.7	1542.18	2879	2,187	.015	.63621	.00972	-.03633	-.04605
1251.7	1545.05	3074	2,228	.042	.63509	.02671	.06695	.04224
1253.7	1548.13	3060	2,213	-.006	.63506	-.00366	-.00176	.00190
1255.7	1551.19	2855	2,213	-.035	.63431	-.02195	-.01003	.01192
1257.7	1554.04	2512	2,020	-.109	.62675	-.06923	-.09029	-.02107
1259.7	1556.56	3046	2,399	.180	.60635	.11308	.08449	-.02859
1261.7	1559.60	2533	2,007	-.179	.58684	-.10876	-.09117	.01759
1263.7	1562.13	3089	2,222	.149	.57385	.08731	.07158	-.01573
1265.7	1565.22	3183	2,300	.032	.57325	.01854	.04071	.02217
1267.7	1568.41	3138	2,395	.013	.57316	.00752	.04263	.03511
1269.7	1571.54	3406	2,537	.070	.57037	.03993	.03017	-.00976
1271.7	1574.95	3289	2,503	-.024	.57004	-.01380	.02133	.03514
1273.7	1578.24	3088	2,453	-.042	.56905	-.02377	-.04094	-.01717
1275.7	1581.33	2609	2,276	-.121	.56072	-.06883	-.08100	-.01217
1277.7	1583.94	2875	2,262	.045	.55957	.02545	.03346	.00802
1279.7	1586.81	3205	2,414	.087	.55537	.04849	-.00620	-.05469
1281.7	1590.02	3044	2,372	-.035	.55470	-.01927	.00414	.02341
1283.7	1593.06	2931	2,304	-.033	.55408	-.01854	-.00547	.01308
1285.7	1595.99			-.018	.55390	-.00997	-.01928	-.00931

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1287.7	1598.86	2873	2,267	.047	.55268	.02600	.04599	.01999
1289.7	1601.93	3067	2,333	-.130	.54335	-.07180	-.09195	-.02015
1291.7	1604.61	2675	2,060	.042	.54240	.02271	.01161	-.01110
1293.7	1607.29	2685	2,231	.081	.53886	.04381	.02084	-.02298
1295.7	1610.27	2980	2,364	.035	.53821	.01870	.03443	.01573
1297.7	1613.46	3187	2,369	.052	.53676	.02794	.04341	.01547
1299.7	1616.82	3362	2,491	-.348	.47171	-.18687	-.17204	.01483
1301.7	1619.16	2336	1,733	.209	.45116	.09844	.06220	-.03624
1303.7	1621.99	2838	2,180	.087	.44771	.03946	.06379	.02433
1305.7	1625.12	3128	2,357	-.032	.44724	-.01453	-.05457	-.04004
1307.7	1628.22	3099	2,229	-.005	.44723	-.00229	.02928	.03157
1309.7	1631.33	3108	2,200	-.002	.44723	-.00078	.02680	.02758
1311.7	1634.42	3090	2,205	-.245	.42028	-.10977	-.10303	.00674
1313.7	1636.79	2368	1,744	.217	.40058	.09101	-.00082	-.09183
1315.7	1639.68	2898	2,212	.044	.39979	.01776	.04342	.02566
1317.7	1642.79	3105	2,256	-.023	.39958	-.00917	-.00256	.00661
1319.7	1645.81	3017	2,218	-.047	.39869	-.01883	-.00119	.01764
1321.7	1648.60	2789	2,183	.091	.39539	.03628	.05588	.01960
1323.7	1651.72	3122	2,341	.034	.39493	.01352	.04210	.02857
1325.7	1654.91	3190	2,453	-.042	.39424	-.01649	-.01419	.00230
1327.7	1658.07	3158	2,279	-.094	.39077	-.03697	-.06017	-.02320
1329.7	1660.81	2745	2,173	.074	.38861	.02905	.03733	.00827
1331.7	1663.87	3057	2,264	-.015	.38853	-.00565	-.03081	-.02517
		3045	2,208					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1333.7	1666.91	3015	2,208	-.005	.38852	-.00192	-.01006	-.00815
1335.7	1669.93	3122	2,259	.029	.38820	.01120	.04465	.03346
1337.7	1673.05	3003	2,315	-.007	.38818	-.00277	-.03524	-.03247
1339.7	1676.05	3095	2,296	.011	.38813	.00427	.05028	.04600
1341.7	1679.15	3223	2,385	.039	.38753	.01521	.02673	.01152
1343.7	1682.37	3129	2,442	-.003	.38753	-.00118	.00626	.00744
1345.7	1685.50	3063	2,388	-.022	.38735	-.00842	-.02721	-.01879
1347.7	1688.56	2866	2,195	-.075	.38514	-.02922	-.05746	-.02825
1349.7	1691.43	3042	2,474	.090	.38205	.03454	.06313	.02859
1351.7	1694.47	3071	2,373	-.016	.38194	-.00620	-.02022	-.01401
1353.7	1697.54	3073	2,217	-.034	.38151	-.01284	-.02053	-.00769
1355.7	1700.61	3065	2,315	.020	.38136	.00768	.04312	.03544
1357.7	1703.68	3081	2,271	-.007	.38134	-.00260	-.01814	-.01554
1359.7	1706.76	3183	2,377	.039	.38076	.01492	.00227	-.01265
1361.7	1709.94	3108	2,341	-.020	.38061	-.00746	.00101	.00847
1363.7	1713.05	3152	2,351	.009	.38058	.00350	.03565	.03215
1365.7	1716.20	3104	2,310	-.017	.38047	-.00634	-.04757	-.04123
1367.7	1719.31	3112	2,241	-.014	.38040	-.00524	.01664	.02187
1369.7	1722.42	3128	2,347	.026	.38015	.00971	.00412	-.00559
1371.7	1725.55	2955	2,124	-.078	.37784	-.02965	-.00734	.02231
1373.7	1728.50	3126	2,330	.074	.37575	.02809	-.02692	-.05502
1375.7	1731.63	2827	2,103	-.101	.37189	-.03809	-.01138	.02671
1377.7	1734.45	3079	2,243	.075	.36981	.02781	-.02322	-.05102
1379.7	1737.53			-.023	.36961	-.00853	.02625	.03477

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1381.7	1740.49	2952	2,234	.055	.36851	.02022	.01603	-.00420
1383.7	1743.63	3145	2,339	-.004	.36850	-.00151	.01015	.01166
1385.7	1746.77	3139	2,325	-.002	.36850	-.00085	-.02498	-.02412
1387.7	1749.93	3163	2,297	-.010	.36846	-.00373	-.00049	.00325
1389.7	1753.08	3144	2,264	.001	.36846	.00045	.04010	.03965
1391.7	1756.17	3095	2,306	.004	.36845	.00160	.00747	.00586
1393.7	1759.27	3100	2,322	-.014	.36839	-.00504	-.02292	-.01788
1395.7	1762.30	3033	2,309	.050	.36748	.01824	-.00448	-.02273
1397.7	1765.45	3150	2,455	-.004	.36748	-.00159	.04632	.04791
1399.7	1768.62	3165	2,422	.003	.36747	.00107	.02006	.01899
1401.7	1771.82	3198	2,411	-.023	.36727	-.00861	.01308	.02168
1403.7	1774.98	3166	2,324	.027	.36701	.00979	-.05024	-.06003
1405.7	1778.22	3240	2,395	-.065	.36545	-.02395	-.00197	.02198
1407.7	1781.26	3037	2,242	.034	.36503	.01233	-.03551	-.04784
1409.7	1784.43	3168	2,300	-.015	.36495	-.00555	.01637	.02192
1411.7	1787.51	3081	2,294	.026	.36469	.00966	-.00129	-.01095
1413.7	1790.67	3164	2,355	.006	.36468	.00228	.01610	.01382
1415.7	1793.89	3221	2,343	-.005	.36467	-.00192	-.03877	-.03685
1417.7	1796.97	3071	2,432	.014	.36460	.00496	.07928	.07432
1419.7	1800.13	3162	2,427	-.045	.36385	-.01649	-.06271	-.04622
1421.7	1803.32	3196	2,193	.020	.36371	.00711	.03845	.03135
1423.7	1806.48	3158	2,308	-.005	.36370	-.00196	-.04756	-.04560
1425.7	1809.64	3159	2,282	-.025	.36348	-.00893	.02754	.03646
		3048	2,252					

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1427.7	1812.69	3167	2,401	.051	.36254	.01857	-.02472	-.04329
1429.7	1815.86	3187	2,322	-.013	.36247	-.00489	.04703	.05192
1431.7	1819.04	3514	2,484	.082	.36001	.02983	.01122	-.01861
1433.7	1822.56	2982	2,224	-.137	.35331	-.04915	-.00513	.04402
1435.7	1825.54	2541	1,973	-.139	.34647	-.04913	-.04914	-.00001
1437.7	1828.08	3242	2,321	.200	.33256	.06944	.00462	-.06482
1439.7	1831.32	3170	2,320	-.011	.33251	-.00381	-.05192	-.04810
1441.7	1834.49	2997	2,414	-.008	.33249	-.00275	.02067	.02342
1443.7	1837.49	3119	2,331	.002	.33249	.00080	.05806	.05726
1445.7	1840.61	3212	2,241	-.005	.33248	-.00158	-.00836	-.00678
1447.7	1843.82	3215	2,362	.027	.33224	.00883	.02238	.01355
1449.7	1847.03	3151	2,471	.013	.33219	.00421	.03260	.02839
1451.7	1850.19	3143	2,348	-.027	.33195	-.00895	-.05537	-.04642
1453.7	1853.33	3107	2,396	.004	.33194	.00143	.00589	.00446
1455.7	1856.44	3304	2,485	.049	.33115	.01626	.05229	.03602
1457.7	1859.74	3765	2,592	.086	.32869	.02852	.03426	.00574
1459.7	1863.50	2847	2,220	-.214	.31369	-.07023	-.06904	.00119
1461.7	1866.35	3216	2,390	.097	.31071	.03055	.01051	-.02005
1463.7	1869.57	3221	2,463	.016	.31063	.00490	-.01747	-.02237
1465.7	1872.79	3397	2,538	.042	.31010	.01290	.04730	.03440
1467.7	1876.19	3223	2,513	-.031	.30979	-.00968	-.05370	-.04402
1469.7	1879.41	2734	2,163	-.156	.30226	-.04831	.00329	.05160
1471.7	1882.14	3371	2,373	.150	.29546	.04533	.01295	-.03238
1473.7	1885.51			.024	.29529	.00716	.03080	.02364

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1475.7	1888.93	3420	2.455	-.116	.29135	-.03412	-.04598	-.01186
1477.7	1891.77	2838	2.346	.081	.28945	.02349	-.04260	-.06609
1479.7	1895.13	3357	2.331	.052	.28868	.01494	.08763	.07269
1481.7	1898.62	3491	2.486	-.092	.28626	-.02648	-.01871	.00776
1483.7	1901.90	3281	2.200	.061	.28519	.01746	.00631	-.01115
1485.7	1905.31	3408	2.394	.001	.28519	.00032	.01193	.01161
1487.7	1908.72	3415	2.394	.046	.28458	.01314	.01218	-.00096
1489.7	1912.32	3595	2.494	-.107	.28134	-.03041	-.02095	.00945
1491.7	1915.46	3146	2.299	.006	.28133	.00159	-.00445	-.00604
1493.7	1918.58	3118	2.347	-.018	.28124	-.00494	-.02115	-.01621
1495.7	1921.60	3014	2.344	-.014	.28119	-.00383	-.06909	-.06526
1497.7	1924.66	3067	2.242	-.077	.27950	-.02178	-.00200	.01978
1499.7	1927.41	2750	2.140	.093	.27710	.02593	-.01126	-.03718
1501.7	1930.58	3164	2.241	.027	.27689	.00753	.01409	.00656
1503.7	1933.74	3165	2.365	.051	.27616	.01422	.05153	.03731
1505.7	1937.06	3318	2.501	-.080	.27440	-.02206	.05135	.07340
1507.7	1940.12	3065	2.307	.015	.27434	.00407	-.04794	-.05201
1509.7	1943.32	3199	2.276	-.001	.27434	-.00039	-.02883	-.02844
1511.7	1946.52	3197	2.271	.201	.26326	.05514	.07944	.02431
1513.7	1950.63	4110	2.656	-.128	.25895	-.03368	-.00514	.02854
1515.7	1954.04	3413	2.473	-.169	.25158	-.04368	.00064	.04432
1517.7	1956.86	2818	2.130	.105	.24878	.02654	-.04372	-.07026
1519.7	1960.09	3234	2.294	-.016	.24872	-.00400	-.00172	.00228
		3139	2.288					

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1521.7	1963.23	3469	2,469	.088	.24680	.02182	-.02483	-.04665
1523.7	1966.70	3272	2,355	-.053	.24611	-.01303	.05395	.06698
1525.7	1969.97	2631	1,967	-.196	.23662	-.04834	-.09142	-.04307
1527.7	1972.60	2934	2,111	.090	.23472	.02120	.01447	-.00673
1529.7	1975.54	3619	2,472	.182	.22698	.04263	.01152	-.03111
1531.7	1979.16	2974	2,113	-.175	.22004	-.03969	-.01754	.02215
1533.7	1982.13	2529	1,950	-.120	.21684	-.02651	-.03123	-.00472
1535.7	1984.66	3210	2,219	.182	.20969	.03939	.04484	.00545
1537.7	1987.87	3585	2,404	.095	.20779	.01998	.00396	-.01602
1539.7	1991.45	3410	2,414	-.023	.20768	-.00481	.02329	.02810
1541.7	1994.86	3311	2,372	-.023	.20756	-.00485	-.02178	-.01693
1543.7	1998.18	3164	2,322	-.033	.20733	-.00694	.09668	.10363
1545.7	2001.34	3045	2,334	-.017	.20727	-.00344	-.03329	-.02985
1547.7	2004.38	2686	2,135	-.107	.20491	-.02215	-.10270	-.08055
1549.7	2007.07	3086	2,141	.071	.20388	.01447	.01508	.00061
1551.7	2010.16	2743	2,068	-.076	.20271	-.01550	-.02981	-.01432
1553.7	2012.90	2546	1,804	-.105	.20047	-.02131	-.02017	.00114
1555.7	2015.45	3190	2,195	.208	.19182	.04163	.01586	-.02577
1557.7	2018.64	3250	2,233	.018	.19176	.00346	-.01169	-.01514
1559.7	2021.89	3266	2,257	.008	.19175	.00146	.03528	.03381
1561.7	2025.15	3313	2,316	.020	.19167	.00389	.02206	.01818
1563.7	2028.47	3259	2,253	-.022	.19157	-.00425	.02350	.02775
1565.7	2031.72	3324	2,261	.012	.19155	.00224	.03256	.03032
1567.7	2035.05			-.004	.19154	-.00080	-.01800	-.01719

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1569.7	2038.33	3285	2,269	.031	.19136	.00585	-.01422	-.02007
1571.7	2041.73	3393	2,335	.028	.19121	.00537	.02536	.02000
1573.7	2045.14	3416	2,453	.018	.19115	.00340	.03501	.03161
1575.7	2048.59	3452	2,515	-.084	.18981	-.01599	-.02981	-.01382
1577.7	2051.72	3121	2,352	-.004	.18981	-.00079	.04696	.04775
1579.7	2054.87	3158	2,306	-.082	.18853	-.01560	-.03416	-.01857
1581.7	2057.69	2819	2,191	.144	.18461	.02719	-.02713	-.05433
1583.7	2061.07	3381	2,442	-.034	.18439	-.00634	.00450	.01084
1585.7	2064.31	3236	2,383	-.037	.18414	-.00673	-.03364	-.02691
1587.7	2067.41	3100	2,312	.033	.18394	.00611	.09970	.09358
1589.7	2070.67	3261	2,348	.028	.18380	.00515	-.05767	-.06282
1591.7	2074.00	3334	2,429	.060	.18314	.01097	.01956	.00859
1593.7	2077.61	3602	2,534	-.052	.18264	-.00958	.00983	.01941
1595.7	2080.99	3381	2,431	-.010	.18262	-.00184	.06605	.06788
1597.7	2084.33	3343	2,409	-.029	.18247	-.00532	-.06243	-.05710
1599.7	2087.55	3216	2,363	.026	.18235	.00471	.03100	.02629
1601.7	2090.89	3348	2,390	.037	.18210	.00666	-.07464	-.08131
1603.7	2094.37	3480	2,474	-.059	.18146	-.01082	.01808	.02890
1605.7	2097.58	3202	2,387	-.048	.18104	-.00876	-.00582	.00294
1607.7	2100.61	3039	2,284	.017	.18099	.00304	.03233	.02929
1609.7	2103.75	3135	2,289	.046	.18060	.00831	-.01652	-.02483
1611.7	2107.05	3299	2,385	.056	.18003	.01016	.03285	.02269
1613.7	2110.62	3576	2,462	-.043	.17969	-.00780	.00340	.01121
		3389	2,382					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1615.7	2114.01	3291	2,370	-.017	.17964	-.00310	.01359	.01669
1617.7	2117.30	3232	2,297	-.025	.17953	-.00443	-.03893	-.03450
1619.7	2120.54	3476	2,396	.057	.17894	.01031	-.02053	-.03084
1621.7	2124.01	3498	2,421	.008	.17893	.00150	.02354	.02204
1623.7	2127.51	3579	2,455	.018	.17887	.00330	.02972	.02642
1625.7	2131.09	3180	2,314	-.089	.17746	-.01584	-.05275	-.03691
1627.7	2134.27	3411	2,435	.061	.17681	.01075	.03463	.02388
1629.7	2137.68	3625	2,511	.046	.17644	.00811	.03510	.02699
1631.7	2141.31	3577	2,472	-.015	.17640	-.00259	.00699	.00958
1633.7	2144.88	3528	2,459	-.009	.17639	-.00166	.01056	.01222
1635.7	2148.41	3341	2,471	-.025	.17628	-.00437	-.06649	-.06212
1637.7	2151.75	3557	2,501	.037	.17603	.00658	.04075	.03417
1639.7	2155.31	3398	2,450	-.033	.17584	-.00587	-.01326	-.00739
1641.7	2158.71	3674	2,388	.026	.17571	.00463	.01378	.00915
1643.7	2162.38	3356	2,348	-.054	.17521	-.00940	.04398	.05339
1645.7	2165.74	3598	2,506	.067	.17442	.01178	-.06045	-.07222
1647.7	2169.34	3467	2,489	-.022	.17434	-.00383	-.03059	-.02675
1649.7	2172.80	3659	2,448	.019	.17427	.00325	.01106	.00780
1651.7	2176.46	3457	2,330	-.053	.17378	-.00925	.03394	.04319
1653.7	2179.92	3480	2,384	.015	.17375	.00256	.01791	.01536
1655.7	2183.40	3486	2,359	-.004	.17374	-.00076	-.00734	-.00657
1657.7	2186.88	3416	2,324	-.018	.17369	-.00306	-.06893	-.06587
1659.7	2190.30	3446	2,331	.006	.17368	.00102	.02793	.02691
1661.7	2193.75			.008	.17367	.00131	.03954	.03822

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1663.7	2197.24	3498	2,331	-.001	.17367	-.00011	.02083	.02093
1665.7	2200.71	3468	2,349	.026	.17355	.00460	-.08883	-.09343
1667.7	2204.30	3591	2,391	-.005	.17355	-.00079	.00862	.00941
1669.7	2207.84	3532	2,410	.063	.17286	.01092	.09568	.08476
1671.7	2211.60	3768	2,562	.001	.17286	.00015	-.02106	-.02121
1673.7	2215.38	3781	2,557	-.090	.17147	-.01548	-.03186	-.01638
1675.7	2218.79	3401	2,375	.046	.17111	.00787	.03899	.03111
1677.7	2222.38	3590	2,467	-.042	.17081	-.00721	-.02634	-.01913
1679.7	2225.74	3367	2,418	.095	.16927	.01620	-.01718	-.03338
1681.7	2229.61	3864	2,548	-.025	.16917	-.00418	.04375	.04793
1683.7	2233.36	3754	2,496	-.041	.16888	-.00698	-.04807	-.04109
1685.7	2236.89	3530	2,445	-.019	.16882	-.00314	.03068	.03382
1687.7	2240.30	3412	2,437	.052	.16837	.00877	.02140	.01264
1689.7	2243.99	3683	2,505	-.065	.16767	-.01087	-.01454	-.00367
1691.7	2247.33	3339	2,428	.040	.16739	.00676	-.02977	-.03653
1693.7	2250.91	3580	2,455	-.027	.16727	-.00446	-.03117	-.02671
1695.7	2254.34	3433	2,427	-.021	.16720	-.00356	.03292	.03648
1697.7	2257.70	3358	2,378	.020	.16713	.00340	.01745	.01405
1699.7	2261.22	3525	2,359	.026	.16702	.00428	-.03629	-.04058
1701.7	2264.81	3588	2,439	.022	.16694	.00372	.04407	.04036
1703.7	2268.49	3677	2,488	-.023	.16685	-.00389	-.01363	-.00974
1705.7	2272.00	3515	2,485	-.027	.16672	-.00450	-.03933	-.03483
1707.7	2275.44	3442	2,404	-.044	.16640	-.00734	.02957	.03692
		3212	2,359					

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1709.7	2278.66	3440	2.423	.048	.16603	.00791	-.05146	-.05936
1711.7	2282.10	3698	2.517	.055	.16552	.00918	.03896	.02978
1713.7	2285.79	3845	2.527	.021	.16544	.00355	.03340	.02985
1715.7	2289.64	3229	2.381	-.116	.16320	-.01927	-.05459	-.03532
1717.7	2292.87	3842	2.501	.111	.16119	.01811	.07266	.05455
1719.7	2296.71	3602	2.459	-.041	.16092	-.00657	-.04091	-.03434
1721.7	2300.31	3571	2.441	-.008	.16091	-.00126	.04306	.04432
1723.7	2303.88	3697	2.483	.026	.16081	.00414	-.05112	-.05525
1725.7	2307.58	3742	2.496	.009	.16079	.00141	.04184	.04043
1727.7	2311.32	3678	2.487	-.010	.16078	-.00167	.01281	.01448
1729.7	2315.00	3905	2.536	.040	.16052	.00636	-.01654	-.02289
1731.7	2318.91	3471	2.408	-.085	.15937	-.01360	-.03520	-.02160
1733.7	2322.38	3564	2.442	.020	.15931	.00324	.02438	.02113
1735.7	2325.94	3584	2.444	.003	.15930	.00052	.04041	.03990
1737.7	2329.53	3549	2.472	.001	.15930	.00012	-.04690	-.04702
1739.7	2333.07	3482	2.445	-.015	.15927	-.00241	-.08484	-.08243
1741.7	2336.56	3607	2.480	.025	.15917	.00396	.09711	.09315
1743.7	2340.16	3421	2.400	-.043	.15888	-.00682	-.04319	-.03637
1745.7	2343.58	3644	2.497	.051	.15846	.00817	.03223	.02406
1747.7	2347.23	3542	2.443	-.025	.15836	-.00400	-.00199	.00201
1749.7	2350.77	3850	2.561	.065	.15768	.01033	-.03764	-.04797
1751.7	2354.62	3901	2.517	-.002	.15768	-.00035	.03740	.03775
1753.7	2358.52	3784	2.511	-.016	.15764	-.00258	.02950	.03208
1755.7	2362.31			.015	.15760	.00238	.01144	.00906

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1757.7	2366.16	3856	2.539	-.014	.15757	-.00225	-.01299	-.01074
1759.7	2369.95	3790	2.511	-.023	.15749	-.00366	.03077	.03443
1761.7	2373.70	3746	2.425	.065	.15683	.01020	-.06668	-.07688
1763.7	2377.84	4143	2.497	-.117	.15469	-.01831	-.01841	-.00010
1765.7	2381.33	3489	2.345	.034	.15451	.00524	.02297	.01773
1767.7	2384.92	3593	2.437	-.009	.15450	-.00137	.02382	.02518
1769.7	2388.51	3590	2.396	.010	.15449	.00151	-.04281	-.04432
1771.7	2392.08	3569	2.458	-.126	.15202	-.01950	-.00524	.01426
1773.7	2395.18	3101	2.194	.162	.14803	.02465	.01596	-.00869
1775.7	2398.95	3764	2.507	.013	.14800	.00193	-.00591	-.00784
1777.7	2402.82	3878	2.498	-.041	.14776	-.00601	.06696	.07297
1779.7	2406.55	3720	2.401	-.087	.14664	-.01285	-.08155	-.06871
1781.7	2409.73	3185	2.356	-.184	.14168	-.02698	-.07956	-.05258
1783.7	2412.36	2631	1.966	.170	.13758	.02411	-.01771	-.04181
1785.7	2415.62	3263	2.235	.112	.13586	.01535	.02404	.00869
1787.7	2419.34	3716	2.455	.046	.13557	.00628	.03170	.02542
1789.7	2423.36	4023	2.487	-.002	.13557	-.00032	.02139	.02171
1791.7	2427.41	4044	2.463	-.110	.13393	-.01492	.01647	.03138
1793.7	2430.75	3345	2.388	.048	.13363	.00637	.03175	.02538
1795.7	2434.37	3616	2.429	-.013	.13361	-.00173	-.00801	-.00628
1797.7	2437.88	3516	2.434	-.047	.13331	-.00628	-.02902	-.02274
1799.7	2441.15	3271	2.381	.101	.13195	.01347	.03719	.02372
1801.7	2444.91	3760	2.538	-.125	.12989	-.01649	-.00433	.01215
		3215	2.308					



TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1803.7	2448.13	3712	2,387	.088	.12888	.01148	-.07979	-.09127
1805.7	2451.84	3577	2,327	-.031	.12875	-.00403	.05540	.05943
1807.7	2455.42	3466	2,340	-.013	.12873	-.00166	.04537	.04703
1809.7	2458.88	3762	2,467	.067	.12814	.00867	-.03820	-.04687
1811.7	2462.65	3842	2,421	.001	.12814	.00012	-.00345	-.00356
1813.7	2466.49	4172	2,457	.049	.12784	.00622	.07742	.07119
1815.7	2470.66	3898	2,454	-.035	.12769	-.00442	-.02189	-.01747
1817.7	2474.56	3870	2,450	-.004	.12769	-.00054	-.07445	-.07391
1819.7	2478.43	3723	2,408	-.028	.12759	-.00358	.01951	.02309
1821.7	2482.15	3902	2,451	.032	.12745	.00411	.05497	.05087
1823.7	2486.05	3873	2,461	-.002	.12745	-.00021	.02585	.02606
1825.7	2489.93	4124	2,515	.042	.12723	.00539	-.01945	-.02483
1827.7	2494.05	3912	2,476	-.034	.12708	-.00436	-.00318	.00118
1829.7	2497.96	3860	2,505	-.001	.12708	-.00011	.00655	.00666
1831.7	2501.82	3862	2,429	-.015	.12705	-.00191	-.06711	-.06520
1833.7	2505.68	3872	2,405	-.004	.12705	-.00047	.07400	.07448
1835.7	2509.56	4079	2,471	.039	.12685	.00500	.02435	.01934
1837.7	2513.63	4033	2,492	-.001	.12685	-.00017	.00578	.00595
1839.7	2517.67	4104	2,586	.027	.12676	.00346	-.04706	-.05052
1841.7	2521.77	3735	2,392	-.086	.12582	-.01089	.03813	.04902
1843.7	2525.51	3537	2,326	-.041	.12561	-.00519	-.03081	-.02561
1845.7	2529.04	3650	2,414	.034	.12546	.00432	.00691	.00259
1847.7	2532.69	4021	2,509	.068	.12488	.00848	.01302	.00454
1849.7	2536.71			-.009	.12487	-.00115	-.00060	.00055

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1851.7	2540.69	3976	2.491	-.020	.12482	-.00252	-.03861	-.03609
1853.7	2544.55	3858	2.466	-.044	.12458	-.00546	-.01159	-.00613
1855.7	2548.20	3647	2.390	.136	.12228	.01692	.03348	.01655
1857.7	2552.59	4391	2.609	-.029	.12218	-.00356	.00389	.00745
1859.7	2556.81	4226	2.557	-.042	.12197	-.00508	.00233	.00741
1861.7	2560.81	4001	2.486	-.051	.12165	-.00620	.01371	.01992
1863.7	2564.47	3654	2.458	.086	.12075	.01048	.03619	.02571
1865.7	2568.62	4148	2.574	-.031	.12064	-.00371	-.05118	-.04747
1867.7	2572.64	4027	2.493	-.031	.12052	-.00378	-.00961	-.00583
1869.7	2576.51	3864	2.440	-.009	.12051	-.00112	-.03019	-.02907
1871.7	2580.35	3838	2.412	.015	.12048	.00176	.02482	.02306
1873.7	2584.21	3868	2.464	.082	.11967	.00989	-.00098	-.01087
1875.7	2588.53	4314	2.604	-.111	.11820	-.01327	.04555	.05883
1877.7	2592.28	3751	2.397	.085	.11734	.01006	-.03389	-.04395
1879.7	2596.54	4258	2.504	-.004	.11734	-.00050	.04861	.04911
1881.7	2600.70	4165	2.538	-.051	.11703	-.00600	-.04307	-.03707
1883.7	2604.56	3858	2.474	.058	.11664	.00678	.04583	.03905
1885.7	2608.71	4153	2.581	-.057	.11626	-.00667	-.04161	-.03494
1887.7	2612.58	3867	2.471	.033	.11613	.00388	-.01198	-.01586
1889.7	2616.64	4063	2.515	-.066	.11562	-.00768	-.00716	.00051
1891.7	2620.41	3764	2.378	.061	.11519	.00704	-.02225	-.02929
1893.7	2624.51	4102	2.465	-.033	.11506	-.00385	.01236	.01621
1895.7	2628.40	3895	2.428	.053	.11474	.00609	.04269	.03660
		4118	2.554					

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MULTISTRAM BY THORNQUEST PRESS (W.A.)

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1897.7	2632.52			-.027	.11465	-.00314	-.03999	-.03684
1899.7	2636.51	3986	2,498	-.043	.11444	+.00492	-.02959	-.02466
1901.7	2640.22	3713	2,460	.072	.11385	.00826	.05789	.04963
1903.7	2644.38	4165	2,534	-.058	.11347	-.00655	-.01041	-.00386
1905.7	2648.25	3861	2,436	.011	.11345	.00130	.03745	.03615
1907.7	2652.09	3845	2,503	.043	.11325	.00485	.00831	.00346
1909.7	2656.26	4173	2,513	-.013	.11323	-.00143	-.04144	-.04001
1911.7	2660.33	4068	2,514	-.032	.11311	-.00362	-.03303	-.02941
1913.7	2664.25	3918	2,448	-.027	.11303	-.00303	-.00033	.00271
1915.7	2668.01	3763	2,416	.034	.11290	.00384	.05521	.05137
1917.7	2671.98	3966	2,453	.147	.11047	.01657	.01278	-.00379
1919.7	2677.06	5077	2,576	.028	.11038	.00305	-.03345	-.03650
1921.7	2682.30	5243	2,636	-.109	.10906	-.01207	.02664	.03871
1923.7	2686.54	4239	2,618	.034	.10894	.00373	.02652	.02278
1925.7	2691.09	4553	2,610	.009	.10893	.00097	-.03969	-.04067
1927.7	2695.74	4650	2,602	.007	.10892	.00076	.03472	.03396
1929.7	2695.74	4731	2,593	.061	.10892	.00661	.02071	.01410
1931.7	2700.47	5361	2,584	-.067	.10852	-.00661	.02071	.01410
1933.7	2705.83	4665	2,595	-.056	.10803	-.00730	.06044	.06774
1935.7	2710.50	4347	2,492	-.056	.10770	-.00601	.03262	.03863
1937.7	2714.84	4086	2,435	-.042	.10750	-.00457	-.13678	-.13221
1939.7	2718.93	4139	2,475	.015	.10748	.00157	-.00481	-.00638
1941.7	2723.07	4113	2,468	-.005	.10748	-.00050	-.00464	-.00414
1943.7	2727.18	3997	2,415	-.025	.10741	-.00268	.01758	.02026
1943.7	2731.18			-.005	.10741	-.00053	-.06494	-.06441

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1945.7	2735.15	3972	2.407					
		4018	2.411	.007	.10740	.00071	-.00647	-.00718
1947.7	2739.17	4191	2.480	.035	.10727	.00378	.04043	.03665
1949.7	2743.36	4242	2.536	.017	.10724	.00185	-.00590	-.00775
1951.7	2747.60	4089	2.427	-.040	.10706	-.00432	-.04192	-.03760
1953.7	2751.69	4263	2.470	.030	.10697	.00317	.02693	.02376
1955.7	2755.96	4342	2.541	.023	.10691	.00249	.04443	.04194
1957.7	2760.30	4396	2.528	.004	.10691	.00039	.00431	.00392
1959.7	2764.69	4131	2.495	-.038	.10676	-.00402	-.05225	-.04823
1961.7	2768.82	4364	2.556	.039	.10659	.00420	.03082	.02661
1963.7	2773.19	4346	2.499	-.013	.10658	-.00140	.00245	.00385
1965.7	2777.53	4392	2.535	.012	.10656	.00130	.02899	.02769
1967.7	2781.93	3979	2.397	-.077	.10592	-.00823	.00040	.00863
1969.7	2785.91	3992	2.383	-.001	.10592	-.00013	-.02743	-.02729
1971.7	2789.90	4136	2.446	.031	.10582	.00325	-.01440	-.01765
1973.7	2794.03	4472	2.510	.052	.10554	.00550	-.00879	-.01429
1975.7	2798.51	4159	2.452	-.048	.10530	-.00506	.00521	.01027
1977.7	2802.66	4298	2.461	.018	.10526	.00192	.01090	.00897
1979.7	2806.96	4193	2.429	-.019	.10522	-.00199	.00231	.00429
1981.7	2811.16	4083	2.460	-.007	.10522	-.00075	-.04500	-.04425
1983.7	2815.24	4265	2.503	.030	.10512	.00321	.04279	.03958
1985.7	2819.50	4069	2.502	-.024	.10506	-.00250	-.00718	-.00468
1987.7	2823.57	4516	2.583	.068	.10458	.00715	.03062	.02347
1989.7	2828.09	4314	2.522	-.035	.10445	-.00364	.00883	.01247

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
1991.7	2832.40	4277	2,495	-.010	.10444	-.00100	-.03207	-.03107
1993.7	2836.68	4499	2,549	.036	.10430	.00375	.06784	.06409
1995.7	2841.18	4119	2,470	-.060	.10393	-.00622	-.05204	-.04582
1997.7	2845.30	4304	2,477	.023	.10388	.00242	.00278	.00036
1999.7	2849.60	4355	2,532	.017	.10385	.00175	-.03298	-.03473
2001.7	2853.95	4497	2,608	.031	.10375	.00321	.03610	.03289
2003.7	2858.45	4625	2,590	.010	.10374	.00108	.01590	.01482
2005.7	2863.08	4628	2,588	0	.10374	-.00001	.03534	.03535
2007.7	2867.70	4264	2,505	-.057	.10340	-.00591	-.00048	.00543
2009.7	2871.97	4299	2,498	.003	.10340	.00026	-.01013	-.01040
2011.7	2876.27	4530	2,617	.049	.10315	.00511	-.03997	-.04509
2013.7	2880.80	4380	2,568	-.026	.10307	-.00272	.01594	.01866
2015.7	2885.18	4582	2,606	.030	.10298	.00308	.00564	.00256
2017.7	2889.76	4390	2,532	-.036	.10285	-.00368	.00127	.00494
2019.7	2894.15	4224	2,480	-.030	.10276	-.00305	.00137	.00442
2021.7	2898.37	4145	2,478	-.010	.10275	-.00101	-.03183	-.03083
2023.7	2902.52	4333	2,528	.032	.10264	.00330	.05026	.04695
2025.7	2906.85	4151	2,472	-.033	.10253	-.00337	-.04527	-.04190
2027.7	2911.00	4499	2,526	.051	.10227	.00524	.04436	.03911
2029.7	2915.50	4174	2,465	-.050	.10201	-.00508	-.02237	-.01729
2031.7	2919.68	4184	2,503	.009	.10201	.00091	-.01020	-.01110
2033.7	2923.86	4379	2,537	.029	.10192	.00300	-.01861	-.02161
2035.7	2928.24	4311	2,450	-.025	.10185	-.00258	-.02409	-.02151
2037.7	2932.55			.029	.10177	.00291	-.01625	-.01917

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2039.7	2936.97	4416	2.532	.005	.10177	.00047	.03484	.03437
2041.7	2941.37	4407	2.561	-.027	.10169	-.00275	.03481	.03755
2043.7	2945.56	4189	2.552	.034	.10157	.00345	-.01277	-.01622
2045.7	2950.02	4453	2.570	-.012	.10156	-.00125	-.00640	-.00515
2047.7	2954.35	4330	2.579	-.013	.10154	-.00127	-.03412	-.03284
2049.7	2958.60	4252	2.560	.003	.10154	.00027	.00970	.00944
2051.7	2962.83	4233	2.586	.067	.10108	.00685	.01286	.00601
2053.7	2967.46	4633	2.704	-.074	.10053	-.00747	.00439	.01186
2055.7	2971.77	4306	2.509	.029	.10045	.00289	-.01657	-.01946
2057.7	2976.22	4455	2.569	-.019	.10041	-.00192	.04207	.04399
2059.7	2980.62	4391	2.508	.020	.10037	.00205	-.02542	-.02747
2061.7	2985.11	4489	2.556	-.064	.09996	-.00640	.03348	.03987
2063.7	2989.22	4111	2.457	-.014	.09994	-.00137	.01832	.01969
2065.7	2993.33	4112	2.390	.049	.09970	.00488	-.06204	-.06692
2067.7	2997.58	4254	2.547	-.009	.09970	-.00085	-.00307	-.00222
2069.7	3001.75	4169	2.555	.039	.09954	.00392	.00672	.00280
2071.7	3006.20	4447	2.591	-.059	.09920	-.00584	-.02660	-.02076
2073.7	3010.32	4119	2.487	.015	.09918	.00145	.02869	.02724
2075.7	3014.47	4149	2.543	.044	.09899	.00432	.00938	.00505
2077.7	3018.90	4438	2.594	-.034	.09888	-.00332	.03459	.03791
2079.7	3018.90	4205	2.560	.028	.09880	.00273	-.04697	-.04970
2081.7	3023.11	4449	2.557	.025	.09874	.00244	.06055	.05811
2083.7	3027.56	4626	2.583	-.067	.09830	-.00657	-.09710	-.09053
2083.7	3032.18	4199	2.491					

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2085.7	3036.38	4170	2.474	-.007	.09830	-.00067	.04848	.04915
2087.7	3040.55	4567	2.600	.070	.09782	.00691	.01534	.00844
2089.7	3045.12	4678	2.673	.026	.09775	.00252	-.02268	-.02520
2091.7	3049.80	4691	2.651	-.003	.09775	-.00027	.05212	.05239
2093.7	3054.49	4616	2.664	-.006	.09775	-.00054	.01140	.01194
2095.7	3059.11	4730	2.615	.003	.09775	.00029	.03141	.03113
2097.7	3063.84	4359	2.537	-.056	.09744	-.00548	-.04836	-.04288
2099.7	3068.20	4415	2.535	.006	.09744	.00058	.01229	.01170
2101.7	3072.61	4541	2.566	.020	.09740	.00197	-.01866	-.02062
2103.7	3077.15	4472	2.494	-.022	.09735	-.00213	.02566	.02779
2105.7	3081.62	4146	2.388	-.060	.09700	-.00580	-.03283	-.02704
2107.7	3085.77	4532	2.562	.080	.09639	.00771	-.01426	-.02198
2109.7	3090.30	4680	2.551	.014	.09637	.00134	-.02521	-.02655
2111.7	3094.98	4497	2.512	-.028	.09630	-.00266	.00419	.00684
2113.7	3099.48	4560	2.554	.015	.09628	.00146	.01503	.01357
2115.7	3104.04	4481	2.537	-.012	.09626	-.00114	-.06326	-.06212
2117.7	3108.52	4448	2.606	.010	.09625	.00093	-.00235	-.00328
2119.7	3112.97	4478	2.506	-.016	.09623	-.00156	.08607	.08763
2121.7	3117.45	4503	2.505	.003	.09623	.00026	.01201	.01175
2123.7	3121.95	4294	2.514	-.022	.09618	-.00212	-.00763	-.00551
2125.7	3126.24	4724	2.623	.069	.09573	.00661	.01139	.00478
2127.7	3130.97	4361	2.551	-.054	.09545	-.00515	-.02873	-.02359
2129.7	3135.33	4154	2.495	-.035	.09533	-.00337	-.04538	-.04200
2131.7	3139.48			.097	.09444	.00920	.08091	.07171

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2133.7	3144.21	4724	2.663	-.008	.09444	-.00076	-.00224	-.00148
2135.7	3148.94	4731	2.616	-.010	.09443	-.00093	.01373	.01466
2137.7	3153.60	4668	2.600	-.009	.09442	-.00084	-.04768	-.04683
2139.7	3158.21	4605	2.589	-.011	.09441	-.00103	-.03761	-.03658
2141.7	3162.79	4584	2.544	.009	.09440	.00087	-.00337	-.00424
2143.7	3167.46	4670	2.544	-.030	.09431	-.00285	.05487	.05773
2145.7	3171.95	4485	2.494	.003	.09431	.00032	.02559	.02527
2147.7	3176.46	4513	2.495	.013	.09430	.00123	-.01493	-.01617
2149.7	3181.06	4596	2.515	.011	.09428	.00108	-.05188	-.05296
2151.7	3185.71	4647	2.545	.026	.09422	.00246	.05330	.05084
2153.7	3190.52	4816	2.587	-.061	.09386	-.00579	-.00993	-.00414
2155.7	3194.95	4428	2.488	.055	.09358	.00520	.02702	.02182
2157.7	3199.68	4734	2.601	-.025	.09352	-.00234	.03201	.03435
2159.7	3204.21	4525	2.588	-.007	.09351	-.00063	-.06472	-.06409
2161.7	3208.77	4559	2.534	-.006	.09351	-.00059	.01495	.01554
2163.7	3213.25	4486	2.543	-.040	.09336	-.00370	-.01623	-.01253
2165.7	3217.54	4286	2.460	.049	.09314	.00456	-.03243	-.03699
2167.7	3222.10	4562	2.548	.023	.09309	.00211	.04434	.04222
2169.7	3226.74	4636	2.623	.002	.09309	.00018	-.01936	-.01954
2171.7	3231.40	4660	2.620	-.022	.09305	-.00200	.00281	.00481
2173.7	3235.95	4555	2.567	-.020	.09301	-.00189	-.01842	-.01653
2175.7	3240.41	4454	2.521	.020	.09297	.00189	.05015	.04827
2177.7	3245.00	4591	2.547	.006	.09297	.00057	-.05245	-.05302
		4662	2.539					



TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2179.7	3249.66	4428	2.404	-.053	.09271	-.00494	.01683	.02177
2181.7	3254.09	4351	2.484	.007	.09270	.00069	-.03371	-.03440
2183.7	3258.44	4554	2.533	.033	.09260	.00303	.01787	.01484
2185.7	3262.99	4613	2.402	-.020	.09257	-.00185	.04509	.04694
2187.7	3267.61	4664	2.520	.029	.09249	.00272	.00921	.00649
2189.7	3272.27	4491	2.495	-.024	.09243	-.00220	-.08401	-.08181
2191.7	3276.76	4619	2.614	.037	.09231	.00345	.04639	.04293
2193.7	3281.38	4537	2.631	-.006	.09230	-.00053	-.04297	-.04244
2195.7	3285.92	4617	2.589	.001	.09230	.00006	.05463	.05457
2197.7	3290.54	4613	2.511	-.016	.09228	-.00145	-.00022	.00123
2199.7	3295.15	4449	2.556	-.009	.09227	-.00085	-.01245	-.01160
2201.7	3299.60	4750	2.636	.048	.09206	.00443	.00343	-.00100
2203.7	3304.35			0	0	0	.05934	.05934
2205.7							-.01899	-.01899
2207.7							-.04521	-.04521
2209.7							.05011	.05011
2211.7							.00529	.00529
2213.7							.00447	.00447
2215.7							-.01963	-.01963
2217.7							.02483	.02483
2219.7							-.03558	-.03558
2221.7							.02505	.02505
2223.7							-.03577	-.03577
2225.7							.07349	.07349

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2227.7							-.09141	-.09141
2229.7							.05291	.05291
2231.7							-.06103	-.06103
2233.7							.03010	.03010
2235.7							.03210	.03210
2237.7							-.03214	-.03214
2239.7							.04422	.04422
2241.7							.02374	.02374
2243.7							-.04361	-.04361
2245.7							-.02520	-.02520
2247.7							.03427	.03427
2249.7							.03215	.03215
2251.7							-.02753	-.02753
2253.7							-.03812	-.03812
2255.7							.00652	.00652
2257.7							.02881	.02881
2259.7							-.01659	-.01659
2261.7							.00374	.00374
2263.7							.06154	.06154
2265.7							-.00661	-.00661
2267.7							-.05061	-.05061
2269.7							.00379	.00379
2271.7							-.02353	-.02353

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2273.7							.01830	.01830
2275.7							-.01339	-.01339
2277.7							.01200	.01200
2279.7							.00951	.00951
2281.7							.03515	.03515
2283.7							-.07790	-.07790
2285.7							-.00046	-.00046
2287.7							.07216	.07216
2289.7							-.06386	-.06386
2291.7							.04324	.04324
2293.7							-.00262	-.00262
2295.7							-.08053	-.08053
2297.7							.07536	.07536
2299.7							-.01673	-.01673
2301.7							-.06154	-.06154
2303.7							.04141	.04141
2305.7							.01521	.01521
2307.7							.01547	.01547
2309.7							-.04142	-.04142
2311.7							.02480	.02480
2313.7							.01547	.01547
2315.7							-.01408	-.01408
2317.7							.00486	.00486
2319.7							.05090	.05090

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO, PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2321.7							-.06608	-.06608
2323.7							-.03251	-.03251
2325.7							.07096	.07096
2327.7							.00457	.00457
2329.7							-.04995	-.04995
2331.7							-.01749	-.01749
2333.7							.03596	.03596
2335.7							-.00850	-.00850
2337.7							.03603	.03603
2339.7							-.02633	-.02633
2341.7							-.00342	-.00342
2343.7							-.05170	-.05170
2345.7							.09925	.09925
2347.7							-.05749	-.05749
2349.7							.05297	.05297
2351.7							-.04671	-.04671
2353.7							-.02527	-.02527
2355.7							-.04548	-.04548
2357.7							.05242	.05242
2359.7							.04682	.04682
2361.7							-.01566	-.01566
2363.7							-.02341	-.02341
2365.7							.05075	.05075

MULTISTRIP BY THORNQUEST PRESS (W.A.) 2633

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2367.7							.00250	.00250
2369.7							-.02677	-.02677
2371.7							-.02645	-.02645
2373.7							.03264	.03264
2375.7							-.02383	-.02383
2377.7							-.00241	-.00241
2379.7							-.03811	-.03811
2381.7							.00149	.00149
2383.7							.05345	.05345
2385.7							-.03606	-.03606
2387.7							.01127	.01127
2389.7							.02641	.02641
2391.7							.02172	.02172
2393.7							-.06768	-.06768
2395.7							.08724	.08724
2397.7							.01455	.01455
2399.7							-.03850	-.03850
2401.7							-.05787	-.05787
2403.7							.04068	.04068
2405.7							.00746	.00746
2407.7							-.02874	-.02874
2409.7							-.03899	-.03899
2411.7							.01793	.01793
2413.7							-.03886	-.03886

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2415.7							.07443	.07443
2417.7							-.01066	-.01066
2419.7							-.00321	-.00321
2421.7							-.00906	-.00906
2423.7							.04726	.04726
2425.7							.00882	.00882
2427.7							.00362	.00362
2429.7							-.04616	-.04616
2431.7							.00737	.00737
2433.7							-.07010	-.07010
2435.7							.04400	.04400
2437.7							.04142	.04142
2439.7							-.01993	-.01993
2441.7							-.02296	-.02296
2443.7							-.00766	-.00766
2445.7							.03179	.03179
2447.7							.03059	.03059
2449.7							-.00744	-.00744
2451.7							-.02055	-.02055
2453.7							-.01013	-.01013
2455.7							.03606	.03606
2457.7							-.01576	-.01576
2459.7							.03061	.03061

MULTISTRENGTH BY THORNQUEST PRESS (W.A.) 2633

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2461.7							-.06513	-.06513
2463.7							-.01949	-.01949
2465.7							.02424	.02424
2467.7							.06842	.06842
2469.7							-.07159	-.07159
2471.7							.02465	.02465
2473.7							-.04378	-.04378
2475.7							.04147	.04147
2477.7							.04691	.04691
2479.7							-.01270	-.01270
2481.7							-.01633	-.01633
2483.7							-.04691	-.04691
2485.7							.02527	.02527
2487.7							-.00869	-.00869
2489.7							.00883	.00883
2491.7							.00573	.00573
2493.7							-.00010	-.00010
2495.7							-.01908	-.01908
2497.7							.05736	.05736
2499.7							-.08151	-.08151
2501.7							-.00292	-.00292
2503.7							.06720	.06720
2505.7							-.03724	-.03724
2507.7							-.00012	-.00012

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2509.7							.04844	.04844
2511.7							.03014	.03014
2513.7							-.01625	-.01625
2515.7							-.03688	-.03688
2517.7							-.02945	-.02945
2519.7							.01509	.01509
2521.7							.00455	.00455
2523.7							-.01176	-.01176
2525.7							-.01569	-.01569
2527.7							-.01617	-.01617
2529.7							-.02890	-.02890
2531.7							-.01794	-.01794
2533.7							.06705	.06705
2535.7							.01298	.01298
2537.7							-.02203	-.02203
2539.7							.04723	.04723
2541.7							.02441	.02441
2543.7							-.02157	-.02157
2545.7							-.06002	-.06002
2547.7							.01205	.01205
2549.7							.02790	.02790
2551.7							-.00761	-.00761
2553.7							-.02646	-.02646



TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2555.7							-.01801	-.01801
2557.7							.00881	.00881
2559.7							-.01338	-.01338
2561.7							.02822	.02822
2563.7							-.02000	-.02000
2565.7							.06600	.06600
2567.7							-.00070	-.00070
2569.7							.00184	.00184
2571.7							.02673	.02673
2573.7							-.08206	-.08206
2575.7							-.01327	-.01327
2577.7							.04170	.04170
2579.7							-.04607	-.04607
2581.7							.03120	.03120
2583.7							-.00008	-.00008
2585.7							-.00901	-.00901
2587.7							-.02256	-.02256
2589.7							.01549	.01549
2591.7							.01503	.01503
2593.7							-.00267	-.00267
2595.7							-.04670	-.04670
2597.7							.04126	.04126
2599.7							.00487	.00487
2601.7							.06244	.06244

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2603.7							-.02182	-.02182
2605.7							-.01877	-.01877
2607.7							-.00481	-.00481
2609.7							-.01041	-.01041
2611.7							-.02695	-.02695
2613.7							.03238	.03238
2615.7							-.00261	-.00261
2617.7							.01282	.01282
2619.7							-.00015	-.00015
2621.7							.01260	.01260
2623.7							-.06162	-.06162
2625.7							.08892	.08892
2627.7							-.05354	-.05354
2629.7							.01441	.01441
2631.7							.00017	.00017
2633.7							-.02202	-.02202
2635.7							.03298	.03298
2637.7							.06661	.06661
2639.7							-.04691	-.04691
2641.7							-.05603	-.05603
2643.7							.00937	.00937
2645.7							.04530	.04530
2647.7							-.00546	-.00546

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2649.7							-.05628	-.05628
2651.7							-.03733	-.03733
2653.7							.08596	.08596
2655.7							-.01018	-.01018
2657.7							-.04219	-.04219
2659.7							.02912	.02912
2661.7							-.00872	-.00872
2663.7							-.02838	-.02838
2665.7							.03407	.03407
2667.7							-.02268	-.02268
2669.7							.03366	.03366
2671.7							-.01419	-.01419
2673.7							.01471	.01471
2675.7							.03817	.03817
2677.7							-.05275	-.05275
2679.7							.01040	.01040
2681.7							-.00773	-.00773
2683.7							.00320	.00320
2685.7							-.05082	-.05082
2687.7							.05883	.05883
2689.7							-.04553	-.04553
2691.7							.06845	.06845
2693.7							-.00764	-.00764
2695.7							-.01767	-.01767

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO, PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2697.7							-.01120	-.01120
2699.7							.02735	.02735
2701.7							.00558	.00558
2703.7							-.00381	-.00381
2705.7							-.04840	-.04840
2707.7							-.01990	-.01990
2709.7							.03548	.03548
2711.7							.01379	.01379
2713.7							.01379	.01379
2715.7							-.06051	-.06051
2717.7							.05426	.05426
2719.7							-.02855	-.02855
2721.7							.00134	.00134
2723.7							.06976	.06976
2725.7							-.02311	-.02311
2727.7							-.01638	-.01638
2729.7							.04952	.04952
2731.7							-.00836	-.00836
2733.7							-.09716	-.09716
2735.7							.03220	.03220
2737.7							.01827	.01827
2739.7							-.02285	-.02285
2741.7							-.03745	-.03745

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2743.7							.02500	.02500
2745.7							.00105	.00105
2747.7							.00501	.00501
2749.7							.03396	.03396
2751.7							.00503	.00503
2753.7							-.04940	-.04940
2755.7							.10029	.10029
2757.7							-.09198	-.09198
2759.7							-.00435	-.00435
2761.7							.03500	.03500
2763.7							.00230	.00230
2765.7							-.02216	-.02216
2767.7							-.00218	-.00218
2769.7							.00105	.00105
2771.7							-.02012	-.02012
2773.7							-.01268	-.01268
2775.7							.02570	.02570
2777.7							-.05365	-.05365
2779.7							.00265	.00265
2781.7							.03439	.03439
2783.7							.03381	.03381
2785.7							-.02898	-.02898
2787.7							.04594	.04594
2789.7							-.01047	-.01047

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2791.7							-.08285	-.08285
2793.7							.04690	.04690
2795.7							.03292	.03292
2797.7							-.01144	-.01144
2799.7							-.02284	-.02284
2801.7							.01200	.01200
2803.7							.00763	.00763
2805.7							-.03318	-.03318
2807.7							.03689	.03689
2809.7							-.01251	-.01251
2811.7							.07111	.07111
2813.7							-.05652	-.05652
2815.7							.00112	.00112
2817.7							.02519	.02519
2819.7							-.02110	-.02110
2821.7							-.00283	-.00283
2823.7							-.04288	-.04288
2825.7							.01195	.01195
2827.7							-.02414	-.02414
2829.7							-.02302	-.02302
2831.7							.07150	.07150
2833.7							-.00748	-.00748
2835.7							-.02217	-.02217

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2837.7							.04037	.04037
2839.7							.02772	.02772
2841.7							-.06708	-.06708
2843.7							.01348	.01348
2845.7							-.02023	-.02023
2847.7							.00708	.00708
2849.7							.02443	.02443
2851.7							-.03188	-.03188
2853.7							.05259	.05259
2855.7							-.00582	-.00582
2857.7							-.01117	-.01117
2859.7							.01176	.01176
2861.7							.00146	.00146
2863.7							-.03481	-.03481
2865.7							-.01758	-.01758
2867.7							.01126	.01126
2869.7							.05625	.05625
2871.7							-.02327	-.02327
2873.7							.03077	.03077
2875.7							-.04791	-.04791
2877.7							.02657	.02657
2879.7							-.04079	-.04079
2881.7							.03712	.03712
2883.7							-.04126	-.04126

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2885.7							.04957	.04957
2887.7							.00739	.00739
2889.7							.02083	.02083
2891.7							-.11149	-.11149
2893.7							.06052	.06052
2895.7							.02597	.02597
2897.7							-.03587	-.03587
2899.7							.06044	.06044
2901.7							-.03085	-.03085
2903.7							-.03280	-.03280
2905.7							-.00796	-.00796
2907.7							.00954	.00954
2909.7							.02370	.02370
2911.7							.04208	.04208
2913.7							-.09379	-.09379
2915.7							.01929	.01929
2917.7							.06084	.06084
2919.7							-.04044	-.04044
2921.7							-.00887	-.00887
2923.7							-.00561	-.00561
2925.7							-.00551	-.00551
2927.7							.04699	.04699
2929.7							.04118	.04118



TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2931.7							-.07420	-.07420
2933.7							.00368	.00368
2935.7							-.00924	-.00924
2937.7							.01446	.01446
2939.7							-.02985	-.02985
2941.7							.02176	.02176
2943.7							.02995	.02995
2945.7							-.05717	-.05717
2947.7							-.05139	-.05139
2949.7							.04515	.04515
2951.7							.00102	.00102
2953.7							.00520	.00520
2955.7							.03709	.03709
2957.7							-.00528	-.00528
2959.7							.01726	.01726
2961.7							.04813	.04813
2963.7							-.08120	-.08120
2965.7							-.00162	-.00162
2967.7							.00972	.00972
2969.7							-.01925	-.01925
2971.7							.03899	.03899
2973.7							-.08721	-.08721
2975.7							.06111	.06111
2977.7							.02949	.02949

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
2979.7							-.01730	-.01730
2981.7							.01395	.01395
2983.7							-.03803	-.03803
2985.7							.03513	.03513
2987.7							-.01076	-.01076
2989.7							.00004	.00004
2991.7							-.00616	-.00616
2993.7							-.00192	-.00192
2995.7							-.04224	-.04224
2997.7							.06519	.06519
2999.7							-.01864	-.01864
3001.7							.00425	.00425
3003.7							.00299	.00299
3005.7							-.06470	-.06470
3007.7							.02627	.02627
3009.7							.04246	.04246
3011.7							-.03353	-.03353
3013.7							.00051	.00051
3015.7							.02208	.02208
3017.7							.00930	.00930
3019.7							-.04805	-.04805
3021.7							.01579	.01579
3023.7							.01105	.01105

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
3025.7							.01168	.01168
3027.7							.00312	.00312
3029.7							-.03492	-.03492
3031.7							.01534	.01534
3033.7							-.01873	-.01873
3035.7							.04658	.04658
3037.7							.02578	.02578
3039.7							-.04254	-.04254
3041.7							-.01456	-.01456
3043.7							-.01469	-.01469
3045.7							-.00430	-.00430
3047.7							.03589	.03589
3049.7							-.02044	-.02044
3051.7							.06038	.06038
3053.7							-.06514	-.06514
3055.7							.02047	.02047
3057.7							.00688	.00688
3059.7							-.01386	-.01386
3061.7							-.03741	-.03741
3063.7							.03296	.03296
3065.7							.02176	.02176
3067.7							-.02128	-.02128
3069.7							-.00584	-.00584
3071.7							.01924	.01924

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO, PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
3073.7							-.02759	-.02759
3075.7							.02314	.02314
3077.7							-.06554	-.06554
3079.7							.03721	.03721
3081.7							.00275	.00275
3083.7							.03629	.03629
3085.7							-.04108	-.04108
3087.7							.02638	.02638
3089.7							.02876	.02876
3091.7							.01040	.01040
3093.7							-.04047	-.04047
3095.7							.02373	.02373
3097.7							-.02938	-.02938
3099.7							-.01789	-.01789
3101.7							.05562	.05562
3103.7							.02490	.02490
3105.7							-.02916	-.02916
3107.7							-.06409	-.06409
3109.7							.04370	.04370
3111.7							-.01794	-.01794
3113.7							-.06222	-.06222
3115.7							.07534	.07534
3117.7							.03977	.03977

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TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
3119.7							-.00628	-.00628
3121.7							-.03736	-.03736
3123.7							.00237	.00237
3125.7							.00151	.00151
3127.7							.01794	.01794
3129.7							.04189	.04189
3131.7							-.07910	-.07910
3133.7							.00030	.00030
3135.7							-.02745	-.02745
3137.7							.01783	.01783
3139.7							.03080	.03080
3141.7							.06329	.06329
3143.7							-.06523	-.06523
3145.7							.00146	.00146
3147.7							-.02931	-.02931
3149.7							.03084	.03084
3151.7							.00266	.00266
3153.7							.00464	.00464
3155.7							-.03917	-.03917
3157.7							.02948	.02948
3159.7							-.01414	-.01414
3161.7							.01760	.01760
3163.7							-.01697	-.01697
3165.7							-.01461	-.01461

TWO WAY TRAVEL TIME MS	DEPTH FROM SRD (OR TOP) M	INTERVAL VELOCITY M/S	INTERVAL DENSITY G/C3	REFLECT. COEFF.	TWO WAY ATTEN. COEFF.	SYNTHETIC SEISMO. PRIMARY	PRIMARY + MULTIPLES	MULTIPLES ONLY
3167.7							.02086	.02086
3169.7							-.03629	-.03629
3171.7							.03583	.03583
3173.7							.04722	.04722
3175.7							-.04225	-.04225
3177.7							-.04319	-.04319
3179.7							.06519	.06519

PE907052

This is an enclosure indicator page.  
The enclosure PE907052 is enclosed within the  
container PE907051 at this location in this  
document.

The enclosure PE907052 has the following characteristics:

ITEM\_BARCODE = PE907052  
CONTAINER\_BARCODE = PE907051  
NAME = Velocity Survey Report (text)  
BASIN = GIPPSLAND  
PERMIT = VIC/L4  
TYPE = WELL  
SUBTYPE = VELOCITY\_RPT  
DESCRIPTION = Velocity Survey Report (text),  
enclosure from Velocity Survey Report  
Data-PE907051, for Tuna-4  
REMARKS =  
DATE\_CREATED = 8/07/84  
DATE\_RECEIVED = 22/08/84  
W\_NO = W868  
WELL\_NAME = TUNA-4  
CONTRACTOR = SCHLUMBERGER  
CLIENT\_OP\_CO = ESSO AUSTRALIA LTD

(Inserted by DNRE - Vic Govt Mines Dept)

PE907053

This is an enclosure indicator page.  
The enclosure PE907053 is enclosed within the  
container PE907051 at this location in this  
document.

The enclosure PE907053 has the following characteristics:

ITEM\_BARCODE = PE907053  
CONTAINER\_BARCODE = PE907051  
NAME = Geogram  
BASIN = GIPPSLAND  
PERMIT = VIC/L4  
TYPE = WELL  
SUBTYPE = VELOCITY\_CHART  
DESCRIPTION = Geogram , enclosure from Velocity  
Survey Report Data-PE907051, for Tuna-4  
REMARKS =  
DATE\_CREATED =  
DATE\_RECEIVED = 22/08/84  
W\_NO = W868  
WELL\_NAME = TUNA-4  
CONTRACTOR = SCHLUMBERGER  
CLIENT\_OP\_CO = ESSO AUSTRALIA LTD

(Inserted by DNRE - Vic Govt Mines Dept)



PE907054

This is an enclosure indicator page.  
The enclosure PE907054 is enclosed within the  
container PE907051 at this location in this  
document.

The enclosure PE907054 has the following characteristics:

ITEM\_BARCODE = PE907054  
CONTAINER\_BARCODE = PE907051  
NAME = WST Raw Shots  
BASIN = GIPPSLAND  
PERMIT = VIC/L4  
TYPE = WELL  
SUBTYPE = VELOCITY\_CHART  
DESCRIPTION = WST Raw Shots, enclosure from Velocity  
Survey Report Data-PE907051, for Tuna-4  
REMARKS =  
DATE\_CREATED =  
DATE\_RECEIVED = 22/08/84  
W\_NO = W868  
WELL\_NAME = TUNA-4  
CONTRACTOR = SCHLUMBERGER  
CLIENT\_OP\_CO = ESSO AUSTRALIA LTD

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PE907055

This is an enclosure indicator page.  
The enclosure PE907055 is enclosed within the  
container PE907051 at this location in this  
document.

The enclosure PE907055 has the following characteristics:

- ITEM\_BARCODE = PE907055
- CONTAINER\_BARCODE = PE907051
- NAME = Seismic Calibration Log
- BASIN = GIPPSLAND
- PERMIT = VIC/L4
- TYPE = WELL
- SUBTYPE = VELOCITY\_CHART
- DESCRIPTION = Seismic Calibration Log, enclosure from  
Velocity Survey Report Data-PE907051,  
for Tuna-4
- REMARKS =
- DATE\_CREATED =
- DATE\_RECEIVED = 22/08/84
- W\_NO = W868
- WELL\_NAME = TUNA-4
- CONTRACTOR = SCHLUMBERGER
- CLIENT\_OP\_CO = ESSO AUSTRALIA LTD

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