Appendix no. 2

Appendix 2.1: Sketch location map of the study area, also shown are the distribution of the seismic profiles

Appendix 2.2: Selected profiles from 30 Seismic Profiles

Appendix 2.3: Selected photos

Appendix 2.2: Selected profiles from 30 Seismic Profiles

Appendix 2.2: Selected profiles from 30 Seismic Profiles

DEPTH MODEL TABLES for 1-1-.SIP

Spread A Depth and Elev of layers directly beneath SPs and Geos

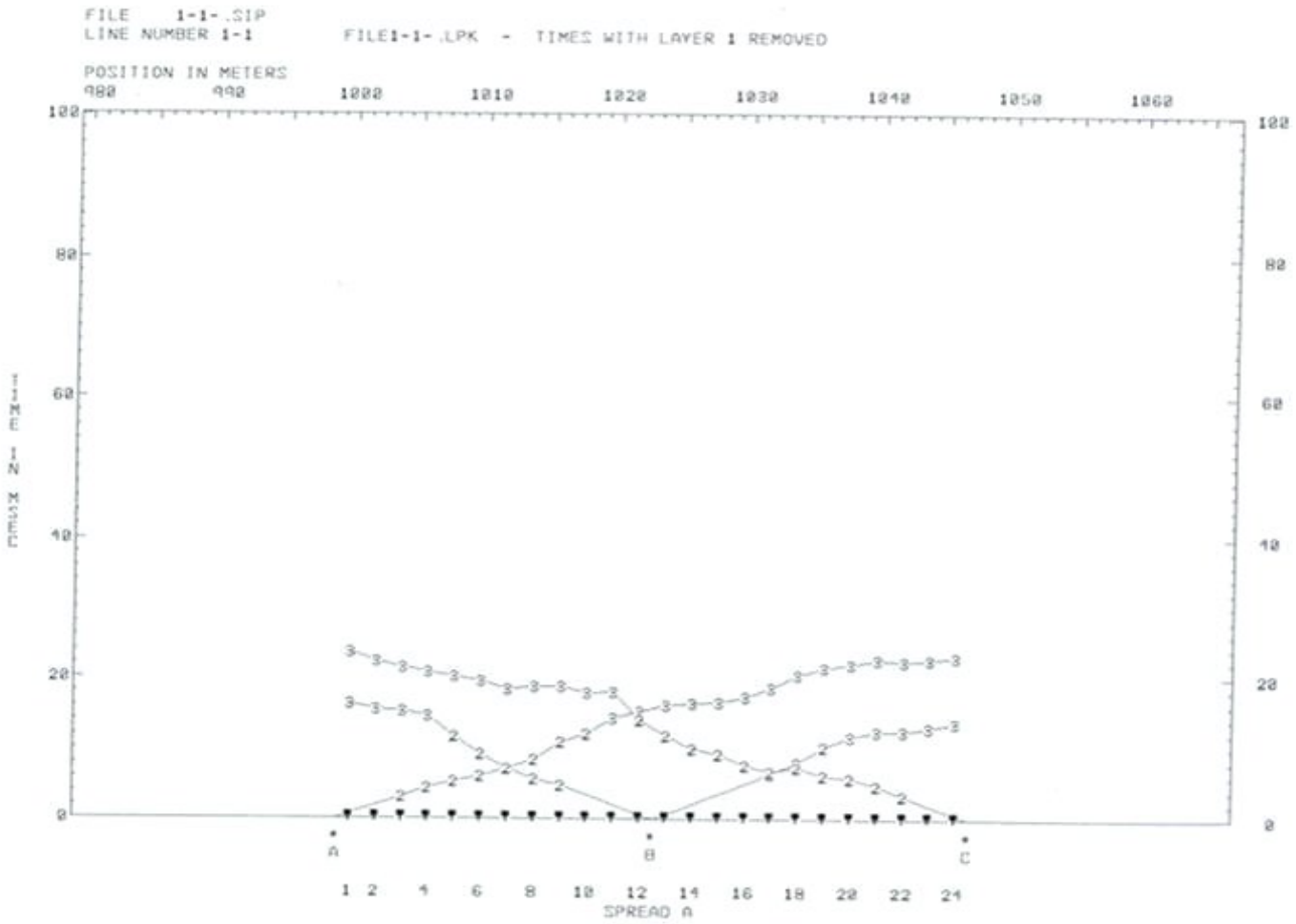
SP	Surface X-Loc	Surface Elev	Layer 2 Depth	Layer 2 Elev	Layer 3 Depth	Layer 3 Elev
A	999.0	0.0	0.3	-0.3	9.0	-9.0
B	1023.0	0.0	1.4	-1.4	9.7	-9.7
C	1047.0	0.0	0.8	-0.8	7.9	-7.9

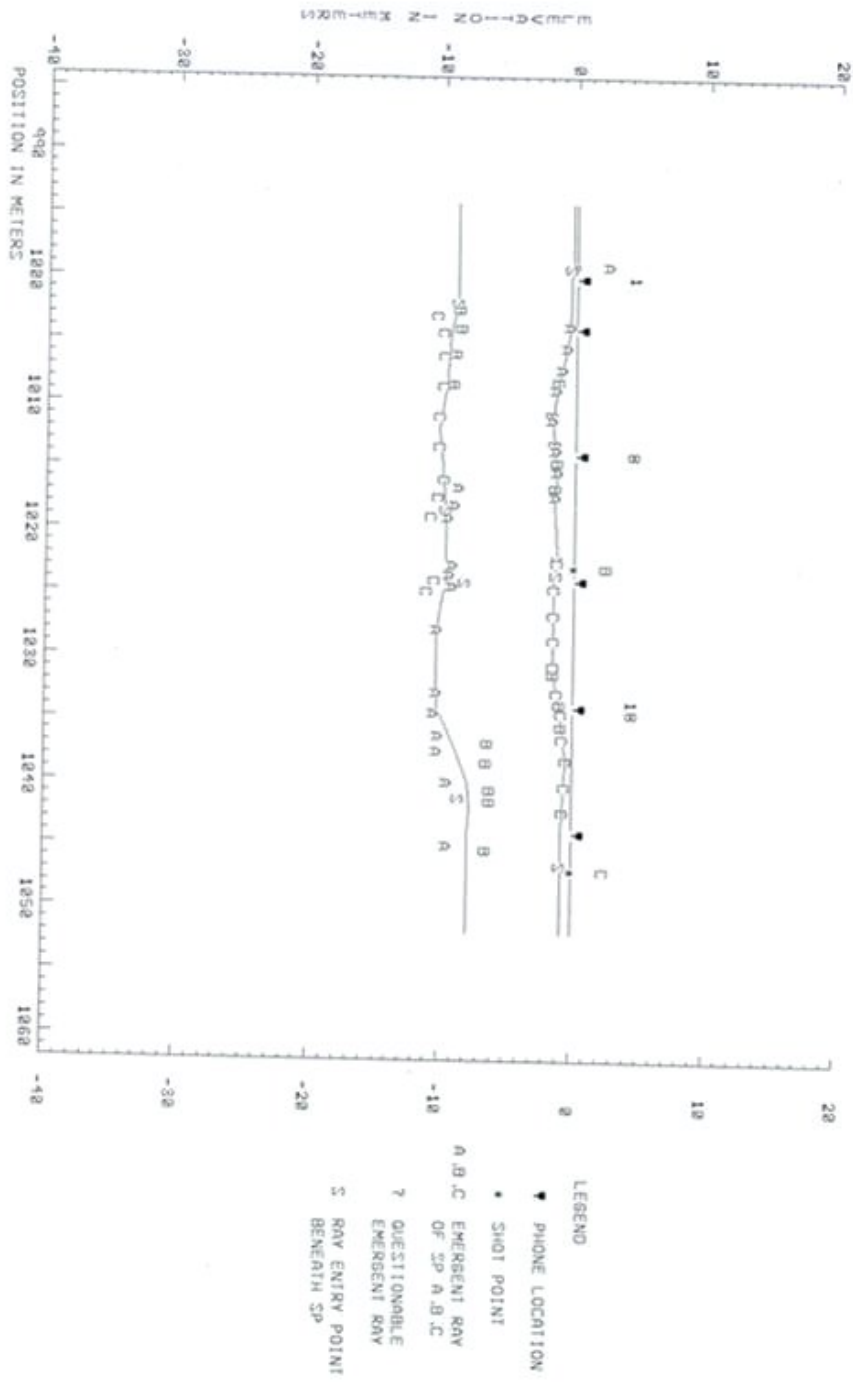
Geo	Surface X-Loc	Surface Elev	Layer 2 Depth	Layer 2 Elev	Layer 3 Depth	Layer 3 Elev
1	1000.0	0.0	0.4	-0.4	9.0	-9.0
2	1002.0	0.0	0.4	-0.4	9.0	-9.0
3	1004.0	0.0	0.5	-0.5	9.4	-9.4
4	1006.0	0.0	0.8	-0.8	9.6	-9.6
5	1008.0	0.0	1.3	-1.3	9.7	-9.7
6	1010.0	0.0	1.6	-1.6	10.0	-10.0
7	1012.0	0.0	1.7	-1.7	10.3	-10.3
8	1014.0	0.0	1.5	-1.5	10.1	-10.1
9	1016.0	0.0	1.4	-1.4	9.9	-9.9
10	1018.0	0.0	1.5	-1.5	9.8	-9.8
11	1020.0	0.0	1.4	-1.4	9.7	-9.7
12	1022.0	0.0	1.3	-1.3	9.7	-9.7
13	1024.0	0.0	1.5	-1.5	9.7	-9.7
14	1026.0	0.0	1.5	-1.5	10.1	-10.1
15	1028.0	0.0	1.5	-1.5	10.4	-10.4
16	1030.0	0.0	1.5	-1.5	10.4	-10.4
17	1032.0	0.0	1.4	-1.4	10.4	-10.4
18	1034.0	0.0	1.0	-1.0	10.3	-10.3
19	1036.0	0.0	0.8	-0.8	9.4	-9.4
20	1038.0	0.0	0.5	-0.5	8.6	-8.6
21	1040.0	0.0	0.6	-0.6	7.9	-7.9
22	1042.0	0.0	0.7	-0.7	7.7	-7.7
23	1044.0	0.0	0.8	-0.8	7.9	-7.9
24	1046.0	0.0	0.8	-0.8	7.9	-7.9

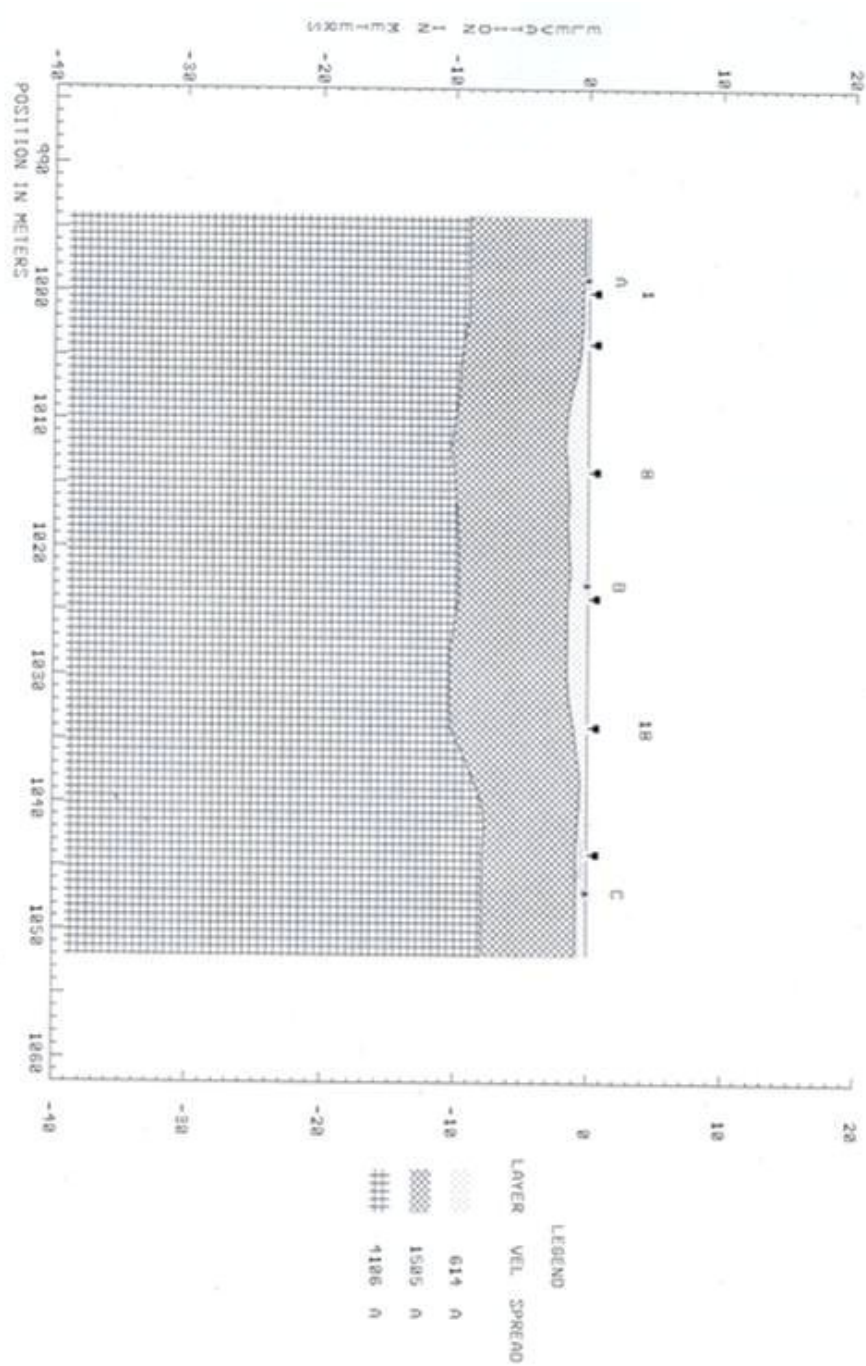
Velocities used to formulate the Depth Model

Spread A	Layer 1	Layer 2	Layer 3
Vertical	614	1505	
Horizontal		1505	4106

Page 1


FILE 1-1-.SIP
LINE NUMBER 1-1
FILE1-1-.LPK - TIMES WITH LAYER 1 REMOVED
POSITION IN METERS
980 990 1000 1010 1020 1030 1040 1050 1060
100
80
60
40
20
0
TIME IN MSEC
A
B
C
1 2 4 6 8 10 12 14 16 18 20 22 24
SPREAD A


FILE 1-1-.SIP
LINE NUMBER 1-1
FILE1-1-.LPK
SPREAD A
POSITION IN METERS
LEGEND
PHONE LOCATION
SHOT POINT
A,B,C EMERGENT RAY OF SP A,B,C
? QUESTIONABLE EMERGENT RAY
S RAY ENTRY POINT BENEATH SP


FILE 1-1-.SIP
LINE NUMBER 1-1
FILE1-1-.LPK
SPREAD 0
A
B
B
C
POSITION IN METERS
LEGEND
LAYER VEL SPREAD
614 0
1505 0
1126 0

DEPTH MODEL TABLES for 52.SIP

Spread A Depth and Elev of layers directly beneath SPs and Geos

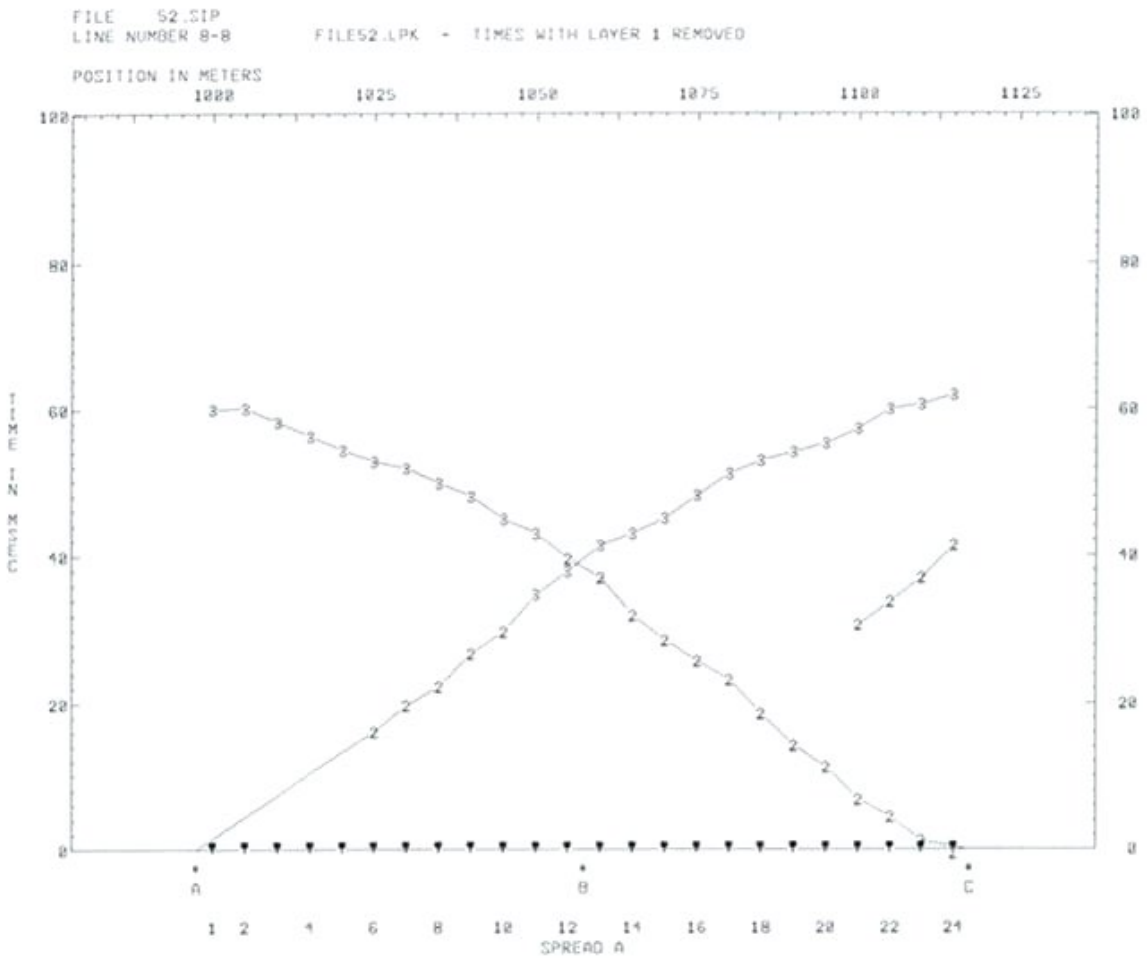
SP	Surface X-Loc	Surface Elev	Layer 2 Depth	Layer 2 Elev	Layer 3 Depth	Layer 3 Elev
A	997.5	0.0	4.9	-4.9	20.7	-20.7
B	1057.5	0.0	7.3	-7.3	26.4	-26.4
C	1117.5	0.0	2.9	-2.9	21.6	-21.6

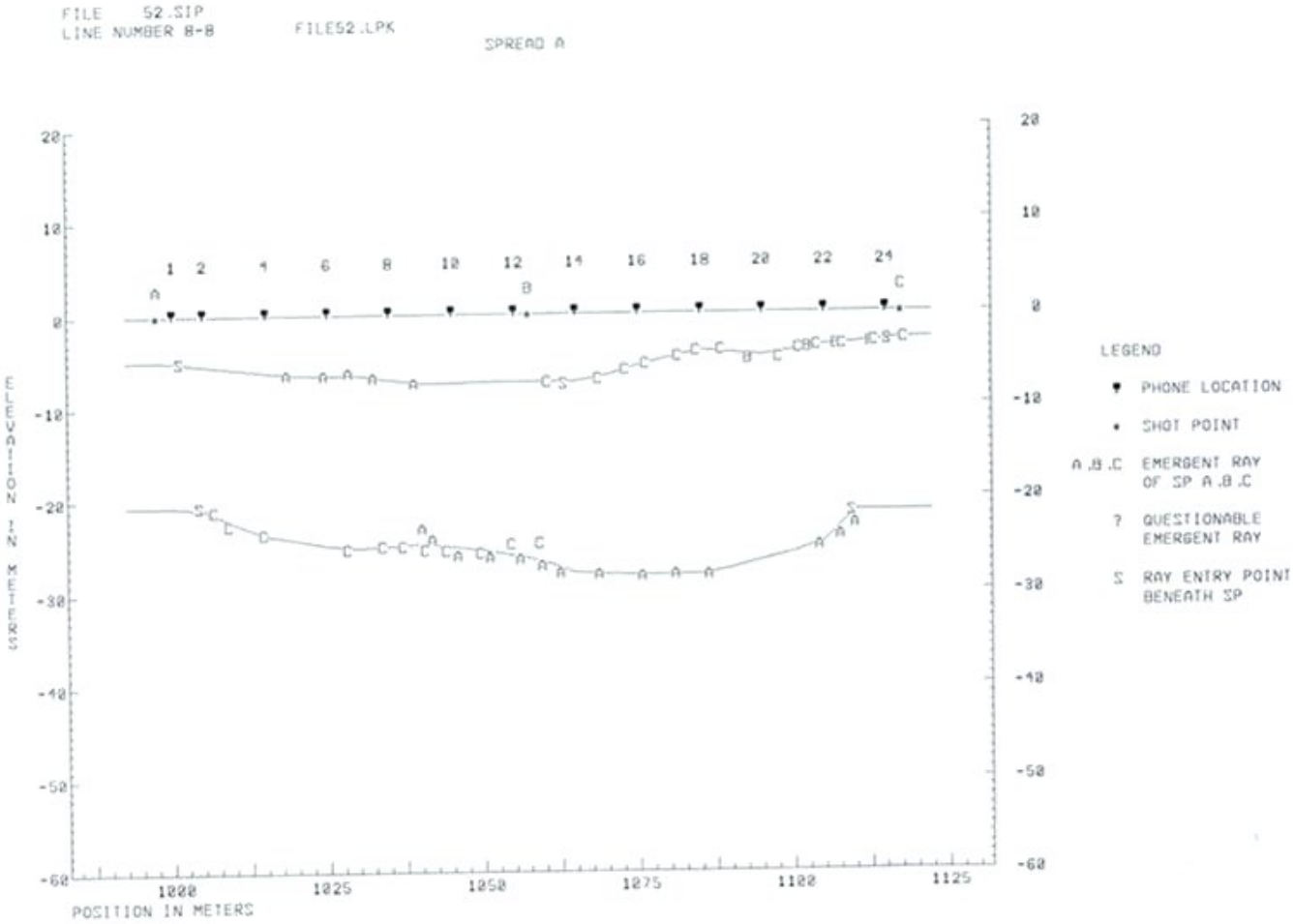
Geo	Surface X-Loc	Surface Elev	Layer 2 Depth	Layer 2 Elev	Layer 3 Depth	Layer 3 Elev
1	1000.0	0.0	5.0	-5.0	20.7	-20.7
2	1005.0	0.0	5.4	-5.4	21.0	-21.0
3	1010.0	0.0	5.8	-5.8	22.5	-22.5
4	1015.0	0.0	6.2	-6.2	23.8	-23.8
5	1020.0	0.0	6.5	-6.5	24.4	-24.4
6	1025.0	0.0	6.6	-6.6	25.0	-25.0
7	1030.0	0.0	6.6	-6.6	25.3	-25.3
8	1035.0	0.0	7.0	-7.0	25.1	-25.1
9	1040.0	0.0	7.4	-7.4	24.9	-24.9
10	1045.0	0.0	7.4	-7.4	25.2	-25.2
11	1050.0	0.0	7.3	-7.3	25.6	-25.6
12	1055.0	0.0	7.3	-7.3	26.1	-26.1
13	1060.0	0.0	7.3	-7.3	26.8	-26.8
14	1065.0	0.0	7.3	-7.3	28.0	-28.0
15	1070.0	0.0	6.7	-6.7	28.2	-28.2
16	1075.0	0.0	5.7	-5.7	28.3	-28.3
17	1080.0	0.0	4.9	-4.9	28.3	-28.3
18	1085.0	0.0	4.1	-4.1	28.3	-28.3
19	1090.0	0.0	4.4	-4.4	27.7	-27.7
20	1095.0	0.0	4.7	-4.7	26.8	-26.8
21	1100.0	0.0	4.2	-4.2	26.0	-26.0
22	1105.0	0.0	3.6	-3.6	24.9	-24.9
23	1110.0	0.0	3.4	-3.4	21.6	-21.6
24	1115.0	0.0	3.1	-3.1	21.6	-21.6

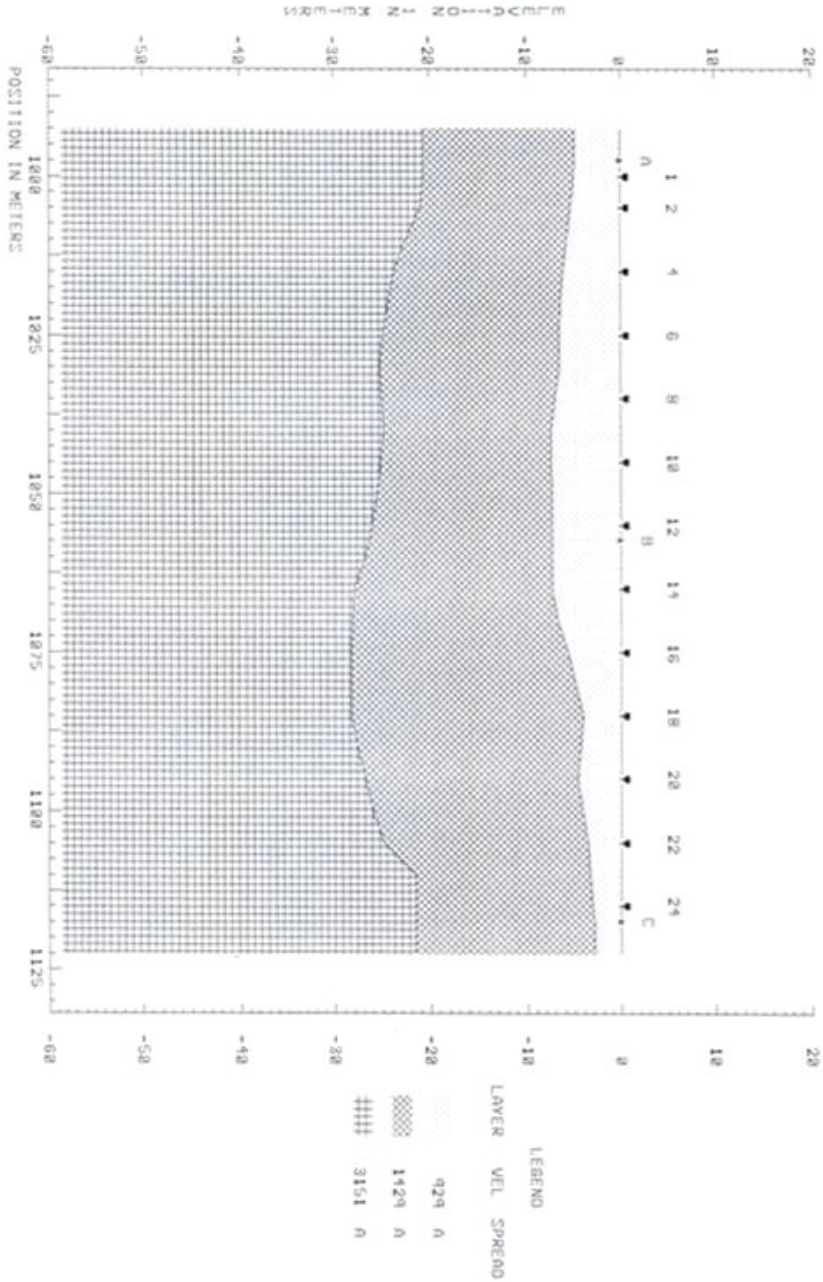
Velocities used to formulate the Depth Model

Spread A	Layer 1	Layer 2	Layer 3
Vertical	929	1429	
Horizontal		1429	3151

Page 1


FILE 52.SIP
LINE NUMBER 8-8
FILES2.LPK - TIMES WITH LAYER 1 REMOVED
POSITION IN METERS
1000
1025
1050
1075
1100
1125
100
80
60
40
20
0
TIME IN MSEC
A
B
C
1 2 4 6 8 10 12 14 16 18 20 22 24
SPREAD A


FILE 52.SIP
LINE NUMBER 8-8
FILE52.LPK
SPREAD A
ELEVATION IN METERS
POSITION IN METERS
LEGEND
PHONE LOCATION
SHOT POINT
A,B,C EMERGENT RAY OF SP A,B,C
? QUESTIONABLE EMERGENT RAY
S RAY ENTRY POINT BENEATH SP


FILE 52.SIP
LINE NUMBER 8-8
FILES2.LPK
SPREAD A
ELEVATION IN METERS
POSITION IN METERS
LEGEND
LAYER VEL SPREAD
929 A
1429 A
3151 A

Appendix 2.3