

**ARGENTINA • BOLIVIA • BRASIL • PARAGUAY • URUGUAY**  
**COMITE INTERGUBERNAMENTAL DE LA HIDROVIA PARAGUAY-PARANA - CIH**

**BANCO INTERAMERICANO DE DESARROLLO - BID**

**NACIONES UNIDAS**

**PROGRAMA DE LAS NACIONES  
UNIDAS PARA EL DESARROLLO - PNUD**  
Convenio BID - ATN/SF - 3822 - RE

**OFICINA DE LAS NACIONES UNIDAS  
DE SERVICIOS PARA PROYECTOS - UNOPS**  
Proyecto UNOPS RLA/91/R41

**ESTUDIOS DE INGENIERIA Y VIABILIDAD TECNICA  
Y ECONOMICA DEL MEJORAMIENTO DE LAS  
CONDICIONES DE NAVEGACION DE LA HIDROVIA  
PARAGUAY-PARANA  
(PUERTO CACERES - PUERTO NUEVA PALMIRA)**

**INFORME FINAL  
VOLUMEN III  
TOMO 1**

**CAPITULO 5 - RELEVAMIENTOS DE CAMPO**  
**ANEXOS 5.2, 5.3 Y 5.4**

**ASOCIACION HIDROSERVICE - LOUIS BERGER - EIH**

**Diciembre 1996**

<p style="text-align: center;"><b>HIDROVIA PARAGUAY - PARANA</b> <b>INFORME FINAL - ESQUEMA TEMATICO</b></p>
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- Capítulo 3 - Criterios Generales de Análisis

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- Capítulo 6 - Información General sobre Instalaciones Portuarias
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- Capítulo 12 - Evaluación del Impacto Ambiental de los Mejoramientos de la Hidrovia

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- Capítulo 19 - Plan de Desarrollo de la Hidrovia
- **Documentos de Licitación**
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  - Pliego de Licitación
    - Volumen 1: Condiciones Generales, Condiciones Contractuales y Proforma del Contrato
    - Volumen 2: Especificaciones Técnicas
    - Volumen 3: Instrucciones y Formularios para Preparación de las Ofertas
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<b>HIDROVIA PARAGUAY - PARANA INFORME FINAL - CONTENIDO</b>
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- . Capítulo 2 - Síntesis de los Trabajos

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- . Capítulo 19 - Plan de Desarrollo de la Hidrovía

***DOCUMENTOS DE LICITACION***

- . Pliego de Precalificación
- . Pliego de Licitación
  - Volumen 1: Condiciones Generales y Contractuales y Proforma del Contrato
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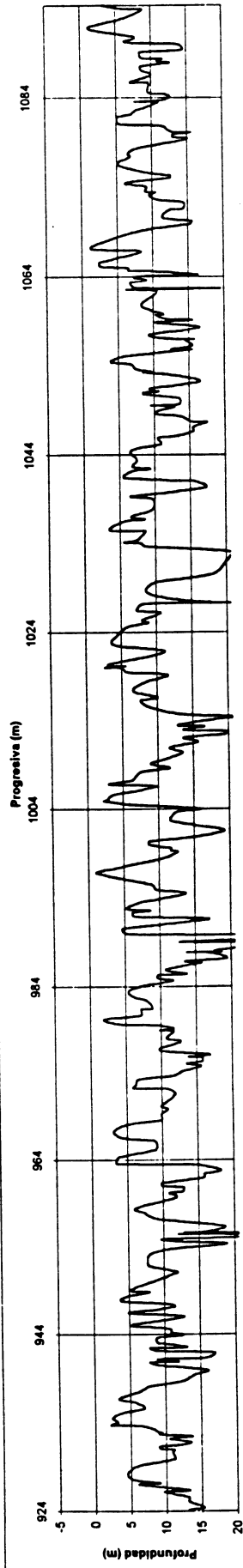
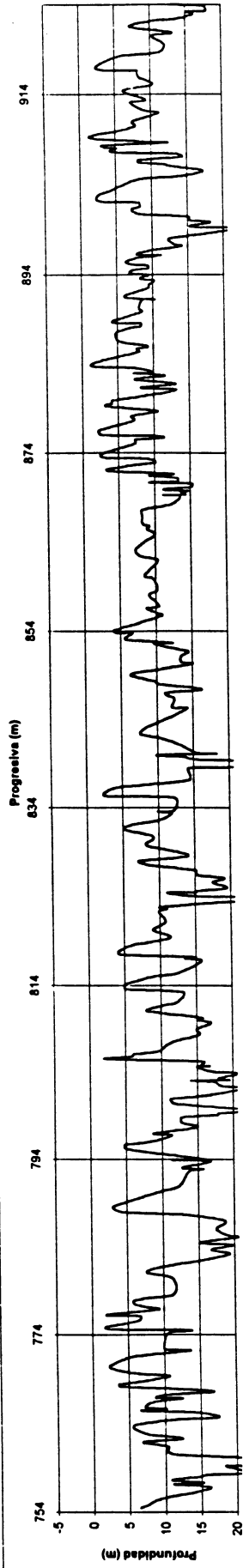
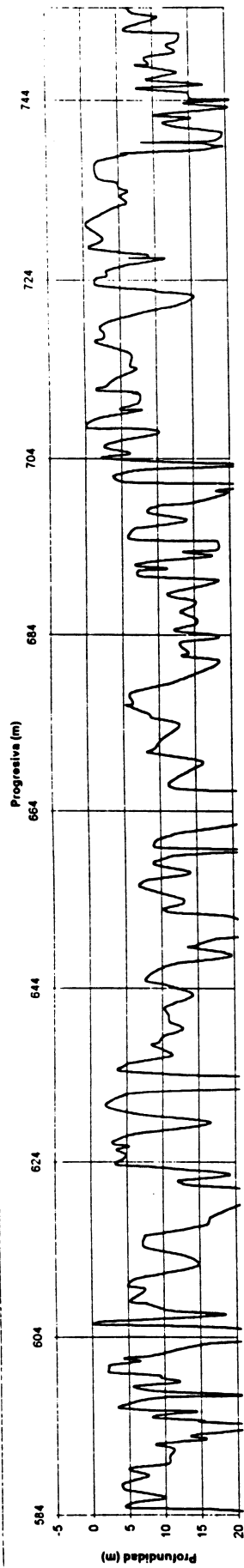
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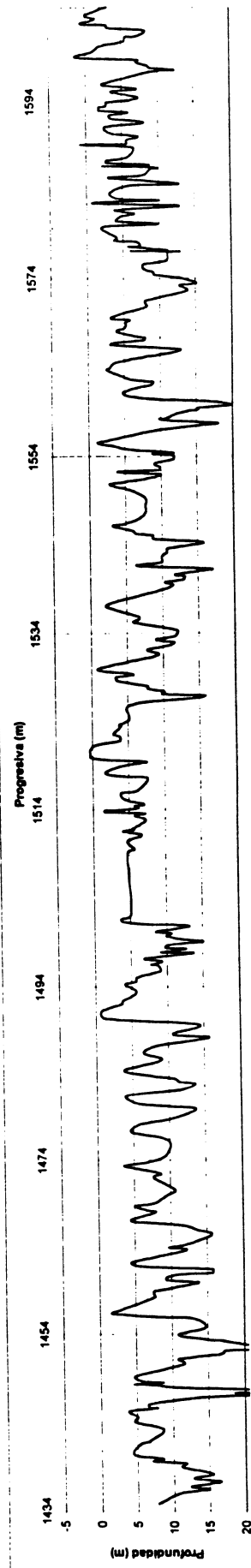
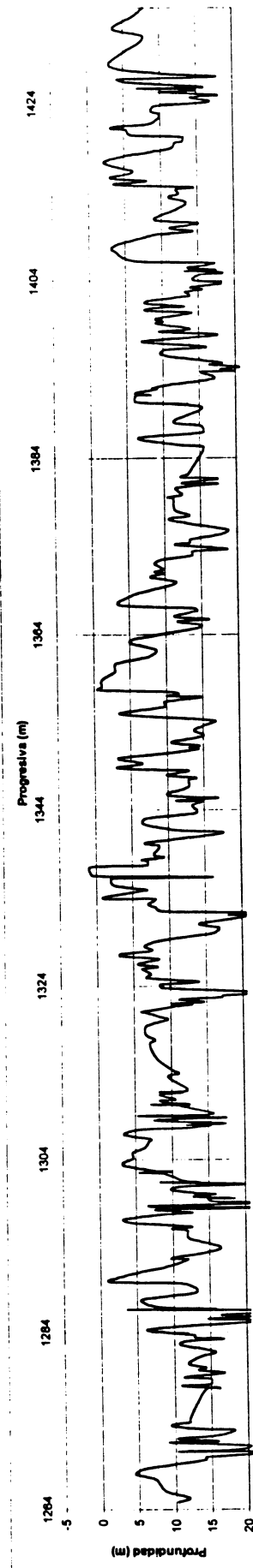
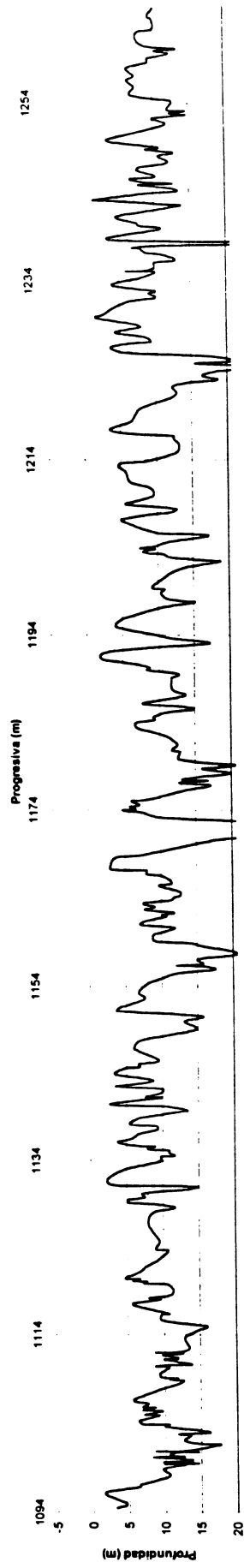
***ANEXO 5.2***

***PERFILES TRANSVERSALES - PERFIL LONGITUDINAL***

# PERFIL LONGITUDINAL TRAMO SANTA FE - CORUMBA

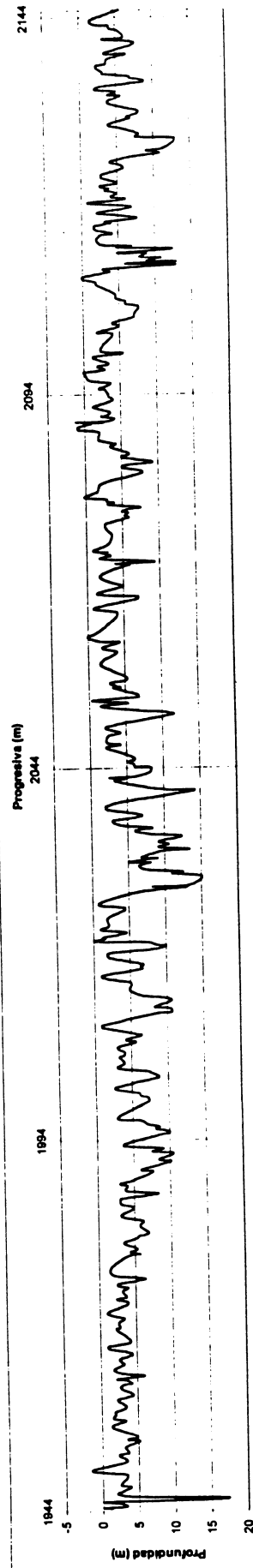
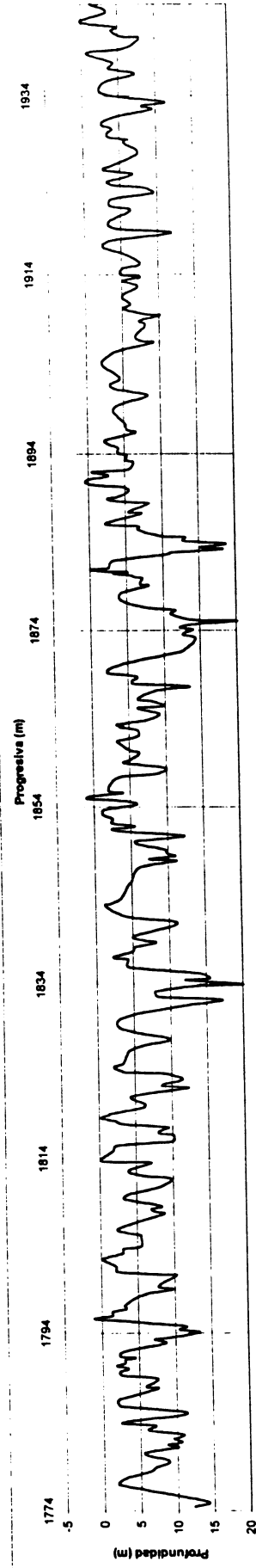
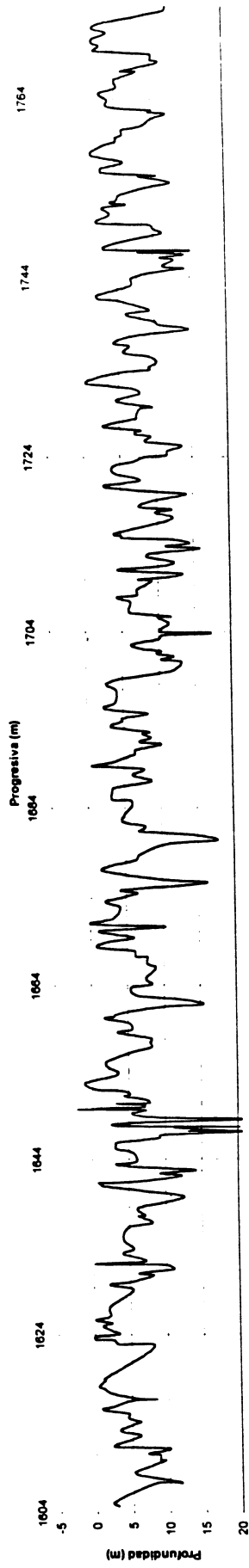


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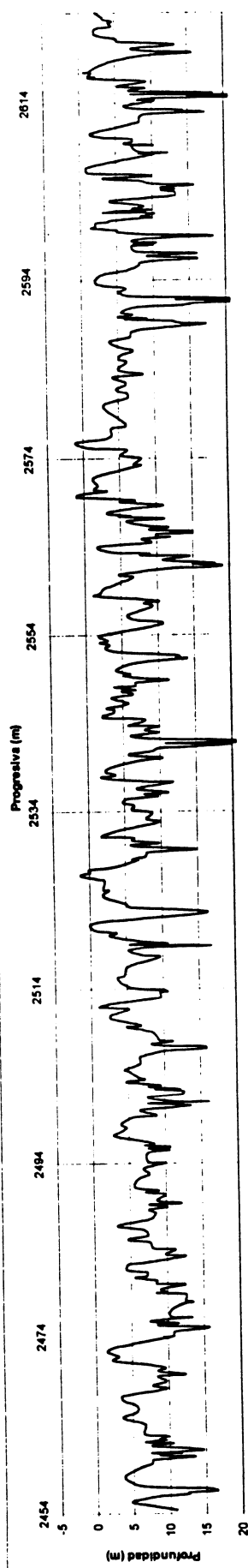
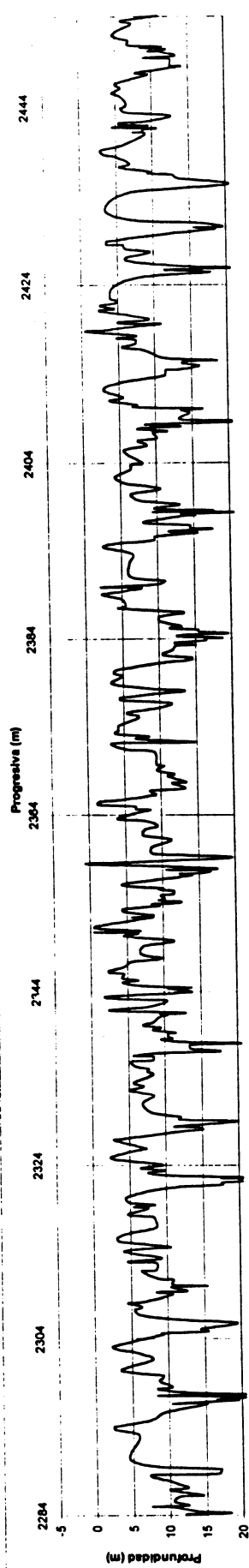
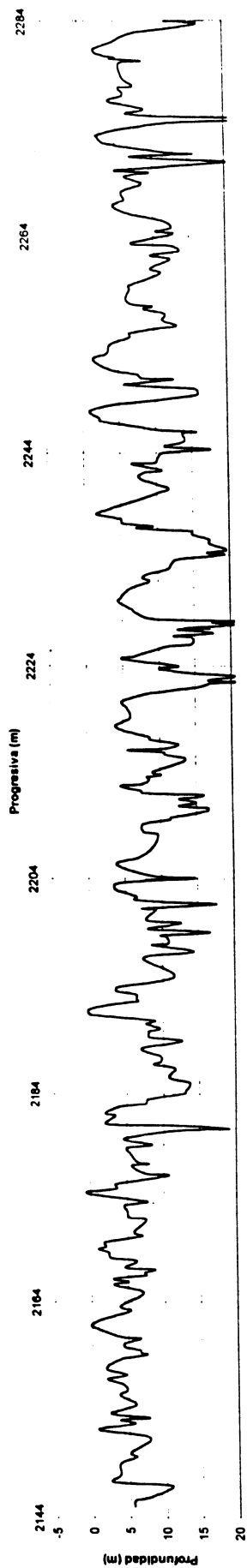




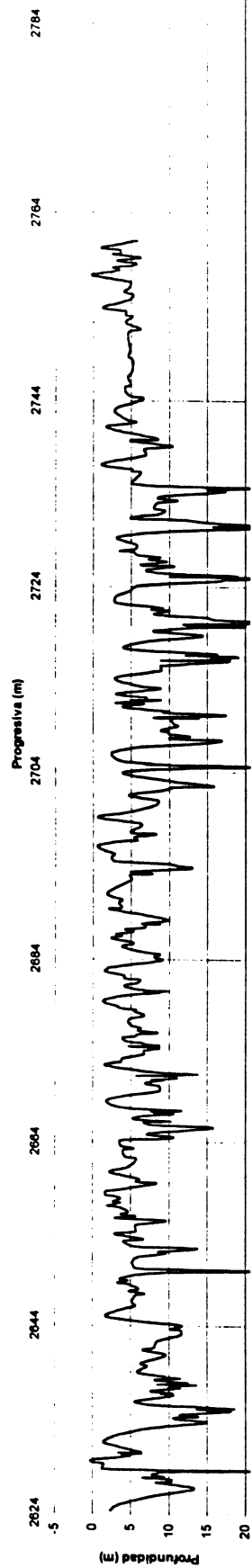
# PERFIL LONGITUDINAL TRAMO SANTA FE - CORUMBA



# PERFIL LONGITUDINAL TRAMO SANTA FE - CORUMBA

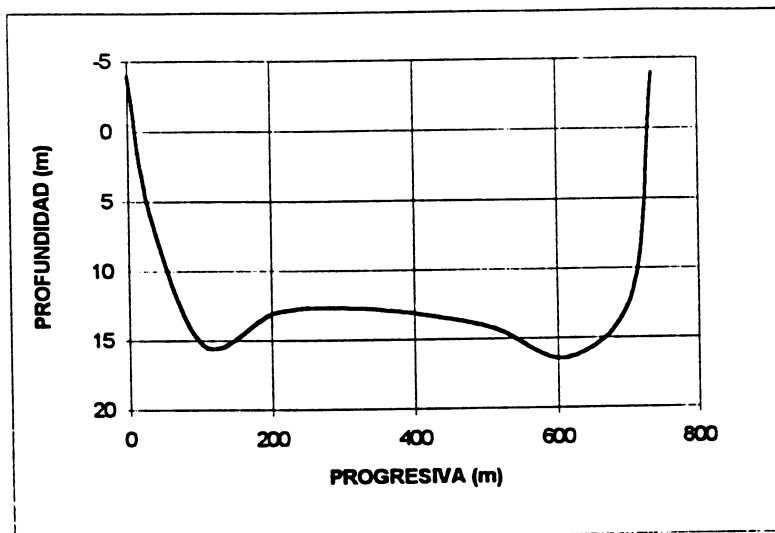


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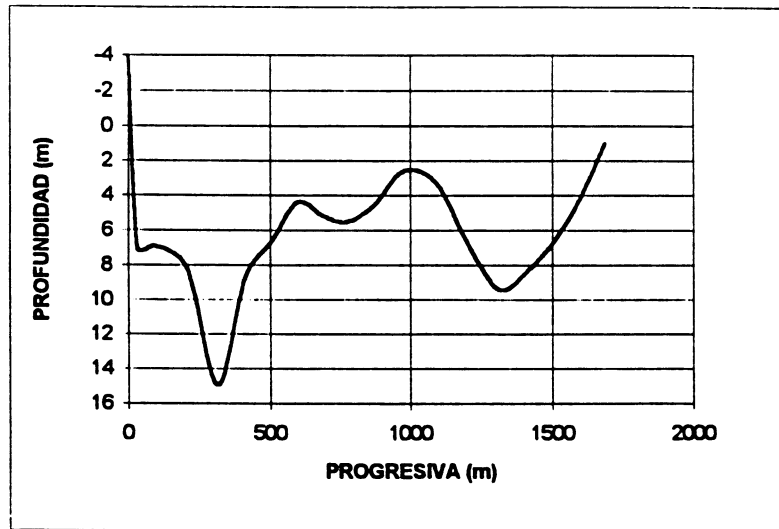
# **CRUCE Km 689** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
284	214551	6540536
Progresiva (m)	Profundidad (m)	
0	-3.92	
30	5.97	
104	15.37	
205	13.02	
308	12.72	
411	13.22	
512	14.27	
614	16.42	
706	11.72	
736	-3.92	



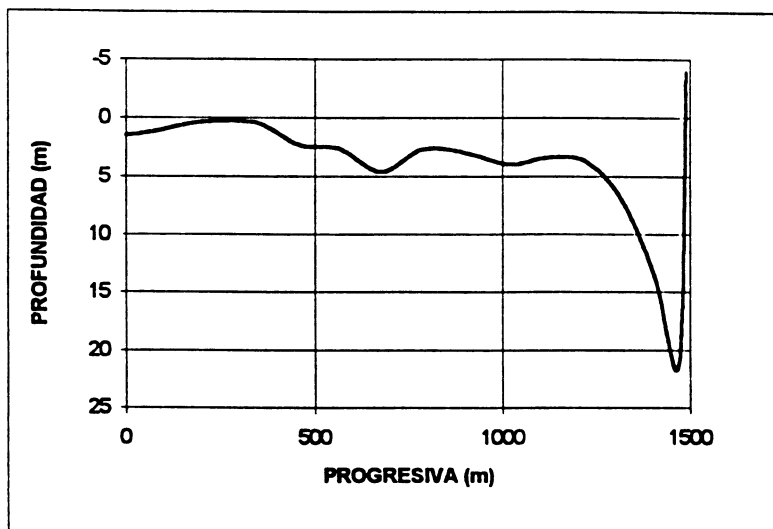
# **CRUCE Km 692** (Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
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<b>Progresiva (m)</b>	<b>Profundidad (m)</b>	
0	-3.92	
30	7.04	
90	6.89	
205	8.18	
312	14.96	
411	8.75	
505	6.64	
598	4.4	
687	5.19	
772	5.54	
869	4.6	
977	2.6	
1091	3.3	
1207	6.94	
1314	9.43	
1410	8.38	
1506	6.69	
1596	4.27	
1688	1	



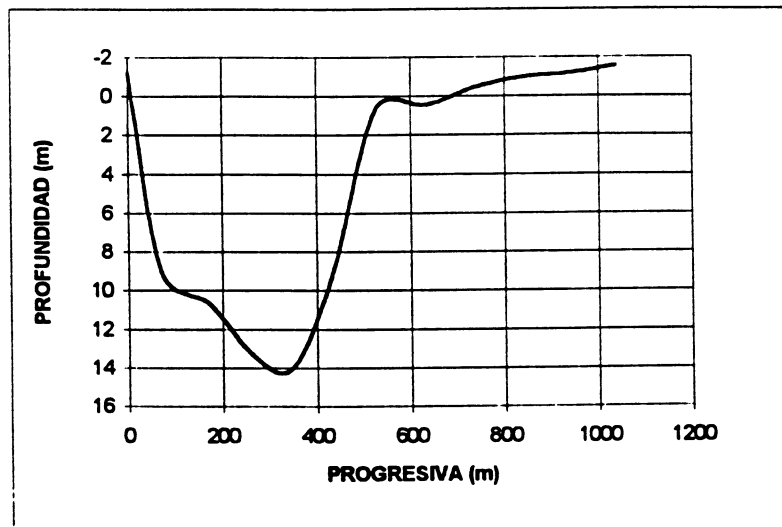
**CRUCE Km 698**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
87	214827	6548201
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	1.56	
75	1.16	
175	0.46	
271	0.25	
358	0.56	
459	2.32	
568	2.67	
678	4.63	
790	2.67	
905	3.02	
1017	3.98	
1124	3.37	
1225	3.78	
1317	6.95	
1404	13.64	
1470	21.15	
1490	-3.91	



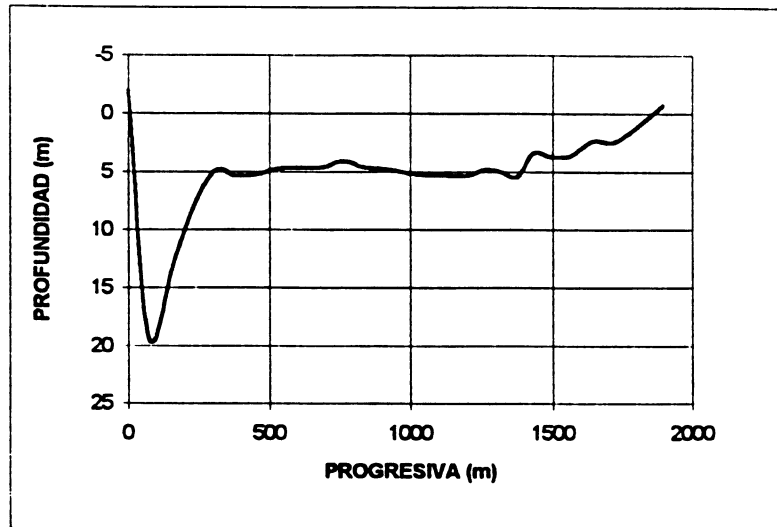
**CRUCE Km 701**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
98	215877	6551477
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-1.16	
70	9.06	
171	10.67	
262	13.34	
347	14.05	
432	9.32	
527	0.66	
633	0.46	
742	-0.5	
848	-1	
948	-1.21	
1038	-1.56	



**CRUCE Km 703**  
(Tramo Santa Fé - Asunción)

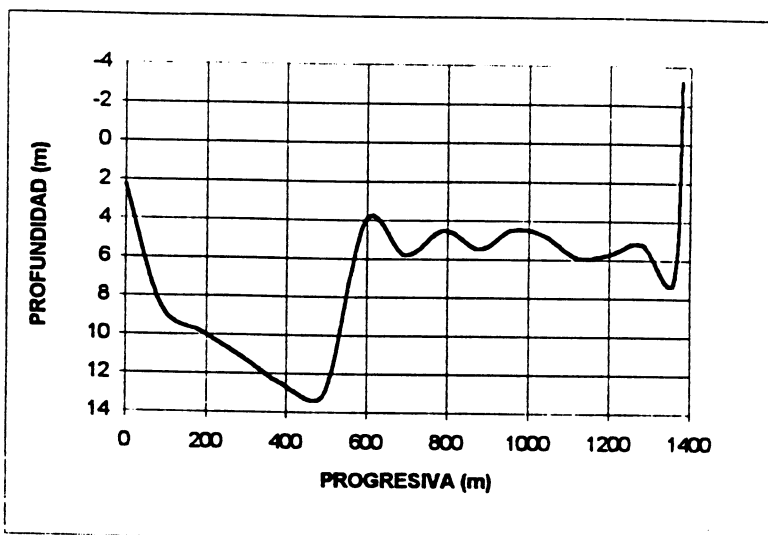
Rumbo	Este	Norte
97	216861	6554235
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-1.96	
71	19.28	
162	12.64	
237	7.7	
309	4.89	
380	5.39	
451	5.29	
527	4.73	
606	4.68	
688	4.63	
764	4.13	
838	4.63	
916	4.83	
990	5.13	
1057	5.33	
1133	5.33	
1202	5.35	
1262	4.8	
1318	5	
1374	5.45	
1430	3.41	
1492	3.71	
1563	3.66	
1643	2.39	
1721	2.49	
1805	1.1	
1894	-0.69	





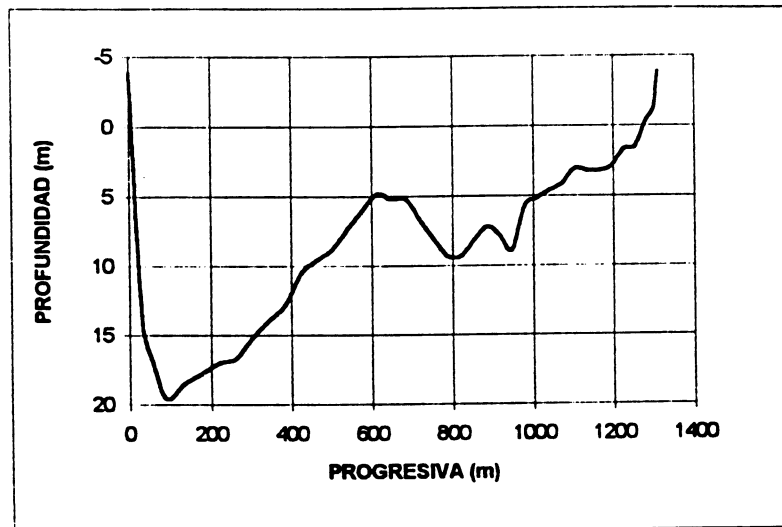
**CRUCE Km 707**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
332	222259	6554781
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	2.27	
89	8.56	
192	9.92	
287	11.13	
389	12.54	
494	13.04	
596	4.03	
695	5.79	
790	4.53	
877	5.49	
960	4.48	
1039	4.78	
1118	5.89	
1198	5.74	
1281	5.19	
1360	7.1	
1380	-3.19	



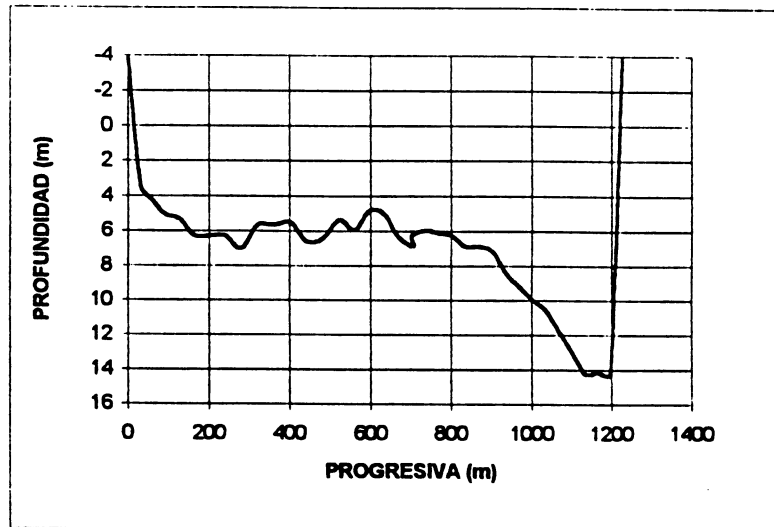
**CRUCE Km 714**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
284	226067	6561265
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.86	
30	13.94	
57	17.01	
89	19.61	
133	18.54	
178	17.77	
220	17.01	
262	16.7	
303	15.17	
344	13.94	
384	12.81	
423	10.57	
461	9.65	
500	8.89	
539	7.35	
577	5.97	
614	4.81	
649	5.21	
685	5.21	
720	6.74	
754	8.12	
787	9.35	
820	9.35	
853	8.12	
885	7.2	
916	7.81	
947	8.89	
979	5.67	
1010	5.12	
1040	4.59	
1071	4.14	
1103	3.06	
1134	3.22	
1165	3.22	
1195	2.91	
1225	1.68	
1253	1.53	
1279	-0.31	
1300	-1.38	
1310	-3.86	



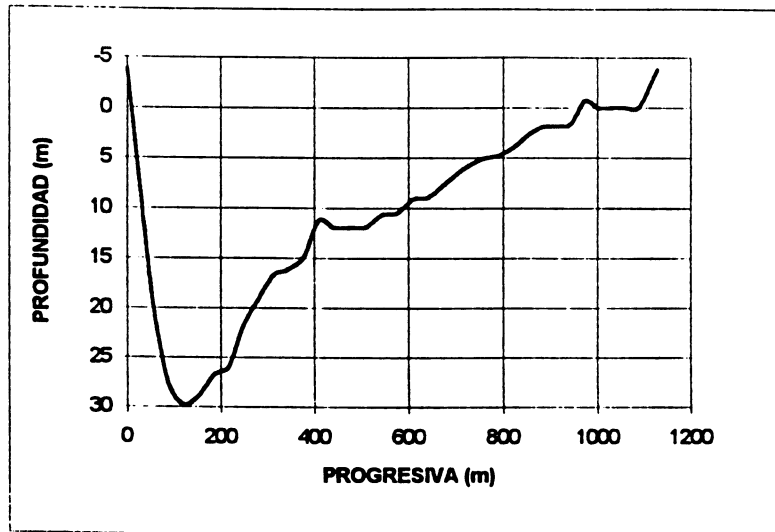
**CRUCE Km 716**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
102	225693	6563499
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.86	
30	3.37	
58	4.2	
91	5.05	
128	5.36	
164	6.28	
202	6.28	
241	6.28	
280	7.05	
320	5.67	
362	5.67	
402	5.51	
443	6.59	
482	6.43	
522	5.36	
560	5.97	
598	4.81	
634	5.05	
670	6.34	
706	6.89	
701	6.28	
736	5.97	
770	6.13	
803	6.28	
837	6.89	
871	6.89	
903	7.2	
936	8.43	
968	9.19	
1002	9.96	
1036	10.57	
1068	11.8	
1101	13.02	
1134	14.25	
1166	14.1	
1197	14.25	
1227	-3.86	



**CRUCE Km 720**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
319	229398	6568450
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.82	
40	13.33	
57	20.18	
86	27.65	
119	29.83	
152	28.9	
185	26.72	
217	25.94	
248	21.74	
279	19.18	
312	16.75	
344	16.13	
378	14.88	
410	11.24	
442	11.93	
476	11.93	
510	11.93	
544	10.68	
577	10.52	
609	9.12	
639	8.97	
671	7.83	
702	6.57	
733	5.63	
764	5	
795	4.69	
825	3.9	
855	2.64	
886	1.85	
915	1.85	
944	1.54	
973	-0.66	
1002	-0.03	
1031	-0.03	
1060	-0.03	
1089	-0.03	
1129	-3.82	



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(Tramo Santa Fé - Asunción)

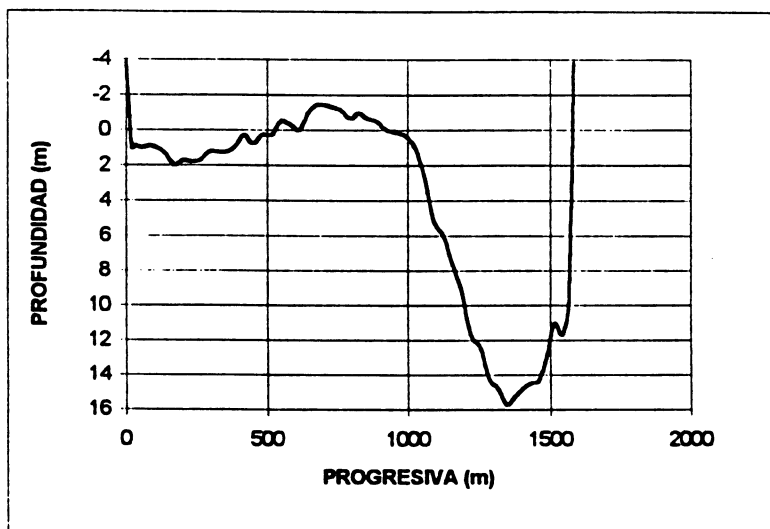
**Rumbo**  
328

**Este**  
231007

**Norte**  
6572383

Progresiva (m)   Profundidad (m)

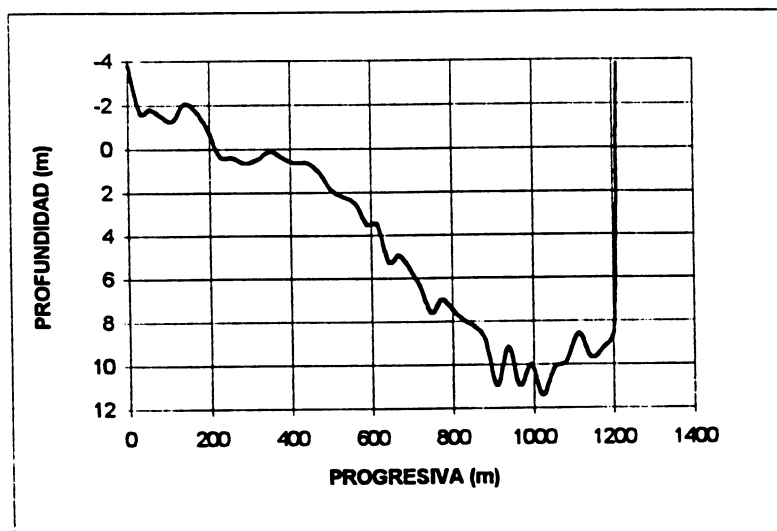
0	-3.81
20	1.03
32	0.88
54	1.03
82	0.88
110	1.03
140	1.39
170	2.02
201	1.71
231	1.8
263	1.71
294	1.24
325	1.24
357	1.24
388	0.92
419	0.29
451	0.76
484	0.29
517	0.29
549	-0.5
582	-0.34
614	-0.02
646	-0.97
676	-1.44
705	-1.44
735	-1.28
764	-1.12
796	-0.65
828	-0.97
859	-0.65
892	-0.48
925	0
958	0.15
991	0.31
1024	0.95
1057	2.53
1091	5.19
1124	6.01
1156	7.59
1189	9.18
1221	11.71
1253	12.44
1285	14.27
1315	14.8
1345	15.75
1375	15.27
1404	14.8
1431	14.49
1460	14.33



<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1487	12.91
1515	11.08
1543	11.71
1565	10.13
1585	-3.81

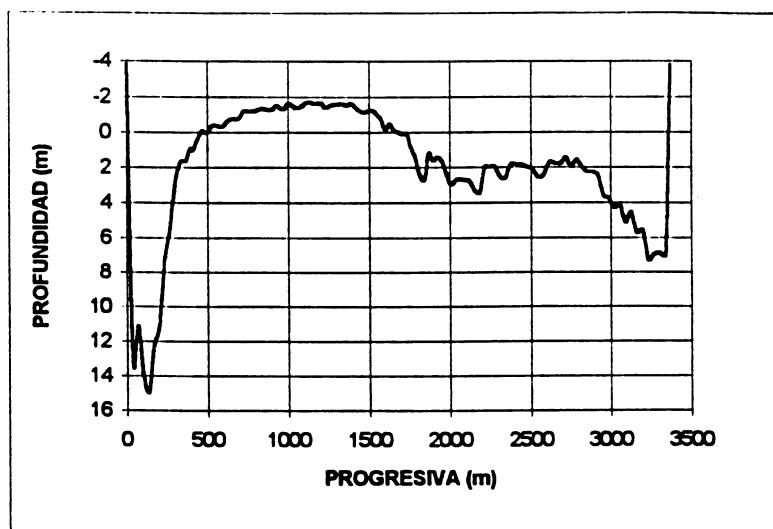
**CRUCE Km 733**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
359	232357	6576231
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.8	
30	-1.64	
53	-1.83	
79	-1.51	
109	-1.26	
138	-2.05	
165	-1.73	
194	-0.94	
225	0.33	
256	0.39	
288	0.65	
319	0.49	
350	0.11	
381	0.42	
412	0.65	
443	0.65	
473	1.12	
503	1.92	
533	2.23	
562	2.55	
589	3.5	
616	3.5	
643	5.25	
670	4.93	
696	5.56	
722	6.42	
747	7.63	
773	6.99	
799	7.47	
826	7.94	
854	8.26	
881	8.9	
909	10.96	
937	9.21	
965	10.96	
994	10.01	
1022	11.43	
1051	10.16	
1082	9.85	
1112	8.58	
1142	9.69	
1172	9.28	
1201	8.42	
1211	-3.8	



**CRUCE Km 738**  
(Tramo Santa Fé - Asunción)

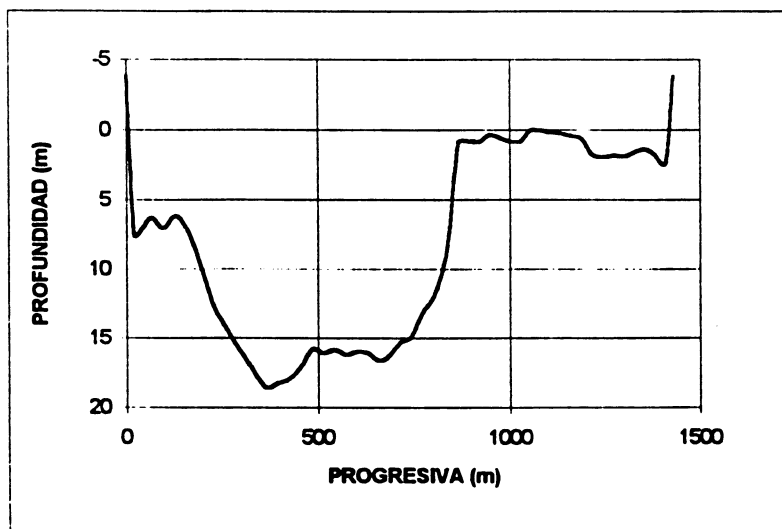
Rumbo	Este	Norte
109	235132	6581112
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.8	
30	12.22	
44	13.59	
69	11.16	
101	13.9	
134	14.97	
166	12.38	
200	11.16	
233	7.2	
265	5.62	
299	2.9	
332	1.69	
364	1.69	
395	0.93	
406	1.08	
436	0.47	
467	-0.07	
499	0.08	
530	-0.37	
561	-0.37	
594	-0.28	
626	-0.59	
659	-0.74	
691	-0.74	
722	-1.19	
752	-1.19	
781	-1.19	
811	-1.28	
839	-1.34	
867	-1.29	
895	-1.26	
922	-1.5	
949	-1.35	
974	-1.29	
1001	-1.65	
1026	-1.5	
1051	-1.35	
1077	-1.44	
1103	-1.59	
1129	-1.71	
1155	-1.59	
1180	-1.59	
1206	-1.65	
1233	-1.35	
1260	-1.5	
1287	-1.56	
1313	-1.59	
1340	-1.59	
1365	-1.5	



**CRUCE Km 739**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
334	239269	6581625
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	

0	-3.79
20	7.57
38	7.15
65	6.29
95	7.12
128	6.18
162	7.4
195	10
228	12.75
261	14.44
292	15.81
326	17.19
361	18.57
394	18.26
424	17.95
455	17.04
485	15.81
514	16.12
544	15.87
573	16.27
602	15.97
629	16.06
658	16.67
686	16.24
714	15.35
743	14.9
773	13.12
804	11.84
836	8.47
866	0.98
893	0.83
920	0.83
946	0.37
974	0.58
1000	0.83
1027	0.83
1053	0.06
1081	0.06
1107	0.21
1134	0.28
1161	0.46
1188	0.67
1215	1.74
1244	1.96
1271	1.84
1300	1.9
1327	1.59
1354	1.38
1381	1.8



<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1327	1.59
1354	1.38
1381	1.8
1410	2.42
1430	-3.79

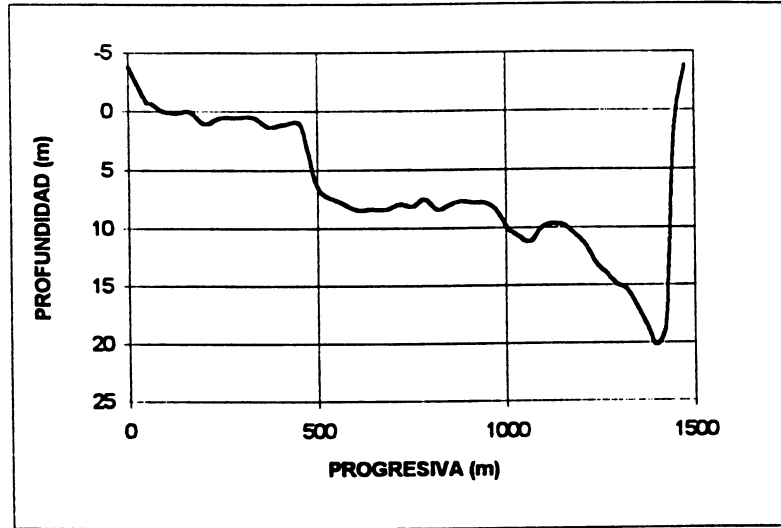


<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1390	-1.65
1415	-1.41
1441	-1.26
1467	-1.11
1493	-1.2
1520	-1.26
1547	-1.05
1573	-0.75
1600	-0.15
1628	-0.45
1654	-0.09
1680	0
1706	0.15
1733	0.15
1759	0.84
1786	1.43
1812	2.44
1840	2.73
1867	1.22
1894	1.66
1921	1.43
1950	1.66
1978	2.4
2007	2.99
2036	2.7
2091	2.7
2120	2.82
2151	3.31
2182	3.46
2213	2.01
2244	2.01
2276	1.95
2308	2.53
2340	2.64
2375	1.81
2408	1.87
2442	1.86
2478	2.01
2512	2.15
2548	2.59
2582	2.4
2616	1.72
2650	1.77
2683	1.77

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
2717	1.43
2751	2.01
2784	1.57
2818	2.01
2851	2.3
2885	2.3
2919	2.44
2953	3.6
2987	3.75
3021	4.33
3055	4.1
3090	5.13
3125	4.55
3161	5.72
3196	5.57
3231	7.33
3268	6.96
3302	6.9
3338	7.05
3368	-3.8

**CRUCE Km 744**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
111	240554	6587124
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.79	
50	-0.7	
61	-0.64	
86	-0.09	
122	0.21	
161	0.06	
202	1.13	
243	0.58	
286	0.58	
328	0.52	
372	1.38	
415	1.13	
457	1.19	
500	6.48	
567	7.86	
606	8.47	
644	8.41	
680	8.47	
717	7.95	
751	8.17	
785	7.55	
819	8.47	
851	8.01	
882	7.71	
913	7.86	
944	7.86	
973	8.47	
1003	10	
1032	10.77	
1063	11.23	
1094	10	
1124	9.7	
1154	9.85	
1182	10.61	
1211	11.53	
1238	13.06	
1265	13.98	
1292	14.9	
1319	15.35	
1346	16.73	
1373	18.57	
1399	20.25	
1423	18.57	
1446	1.74	
1476	-3.79	



**CRUCE Km 747**  
(Tramo Santa Fé - Asunción)

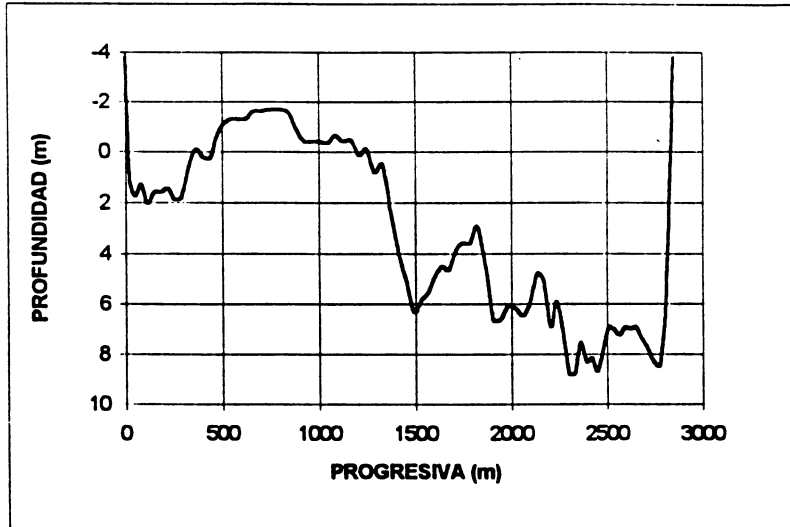
**Rumbo**  
293

**Este**  
243851

**Norte**  
6589649

Progresiva (m)   Profundidad (m)

0	-3.78
20	1.13
48	1.74
80	1.29
113	2.05
147	1.59
182	1.59
217	1.44
255	1.9
290	1.74
327	0.52
364	-0.09
401	0.22
438	0.22
476	-0.7
513	-1.16
550	-1.31
587	-1.31
624	-1.31
661	-1.61
698	-1.61
734	-1.67
771	-1.67
808	-1.67
846	-1.52
886	-0.85
926	-0.39
967	-0.39
1007	-0.39
1046	-0.33
1086	-0.64
1127	-0.39
1168	-0.45
1209	0.16
1249	-0.09
1291	0.83
1332	0.52
1372	2.35
1413	3.88
1452	5.1
1491	6.32
1529	5.86
1567	5.56
1603	4.86
1639	4.49
1673	4.64
1710	3.88
1747	3.58
1785	3.58



Progresiva (m)   Profundidad (m)

1824	2.96
1863	4.49
1902	6.63
1940	6.63
1979	6.11
2018	6.17
2056	6.48
2093	6.02
2130	4.8
2166	5.1
2200	6.93
2234	5.93
2267	7.24
2298	8.76
2329	8.76
2359	7.54
2390	8.31
2419	8.15
2448	8.7
2477	7.85
2506	6.93
2534	7.02
2563	7.24
2592	6.93
2621	6.99
2650	6.93
2681	7.39
2713	7.79
2744	8.31
2776	8.46
2808	5.86
2848	-3.78

**CRUCE Km 753**  
(Tramo Santa Fé - Asunción)

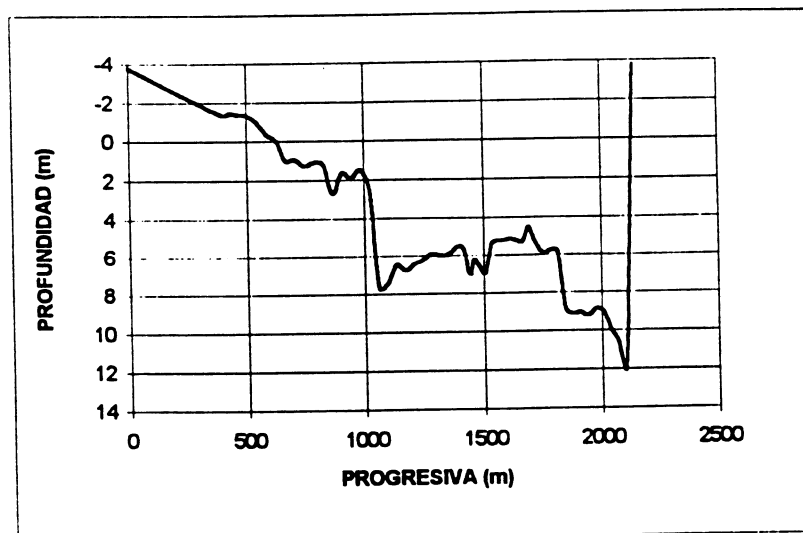
**Rumbo**  
118

**Este**  
243227

**Norte**  
6595686

Progresiva (m)   Profundidad (m)

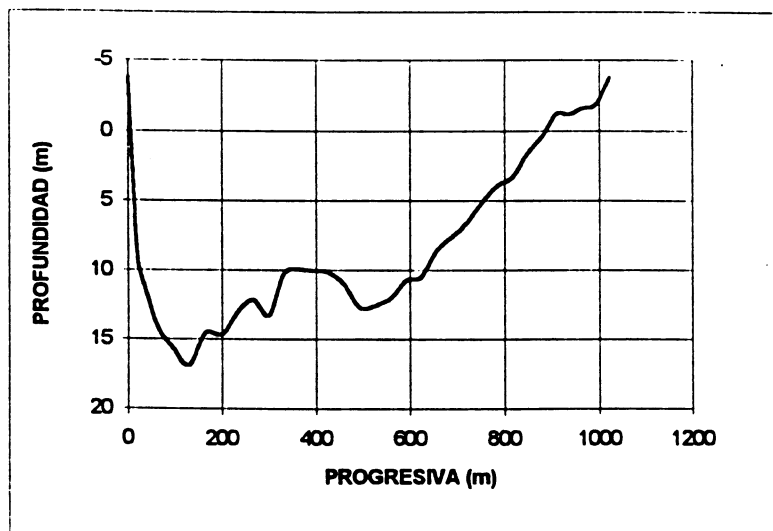
0	-3.77
400	-1.32
428	-1.47
464	-1.37
502	-1.32
543	-1.02
585	-0.36
626	-0.01
667	1
706	0.95
747	1.3
786	1.1
826	1.2
866	2.71
906	1.65
944	1.9
983	1.5
1021	2.41
1059	7.69
1097	7.44
1134	6.46
1171	6.76
1208	6.41
1243	6.21
1277	5.91
1311	5.96
1343	6.01
1371	5.71
1391	5.51
1407	5.51
1422	5.91
1434	6.81
1445	7
1459	6.23
1482	6.54
1508	6.94
1533	5.43
1559	5.23
1584	5.23
1610	5.13
1637	5.23
1662	5.33
1687	4.52
1709	5.03
1732	5.63
1758	5.93
1785	5.73
1814	5.83
1844	8.85



<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1876	9.15
1907	9.05
1941	9.25
1975	8.85
2007	9.05
2040	10.06
2071	10.66
2101	11.97
2141	-3.77

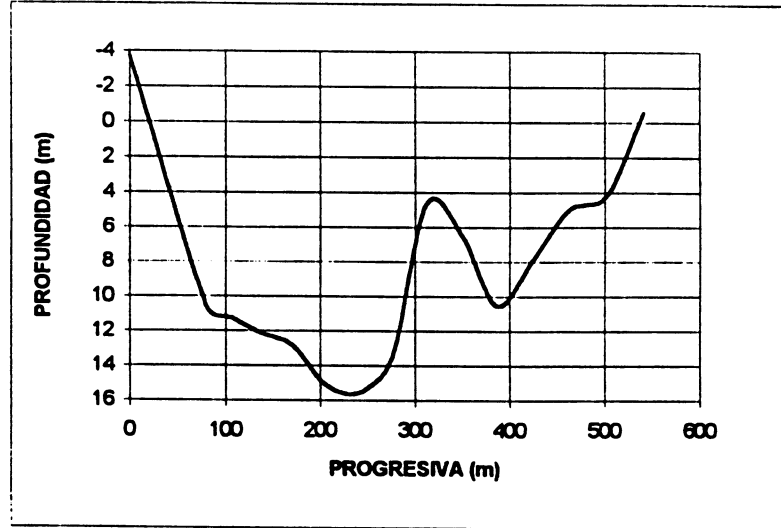
**CRUCE Km 757**  
(Tramo Santa Fé - Asunción)

Rumbo 325	Este 247275	Norte 6596975
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.76	
20	8.96	
35	11.23	
63	14.2	
96	15.71	
129	16.92	
164	14.55	
199	14.7	
234	12.99	
267	12.13	
299	13.29	
331	10.27	
362	9.97	
393	10.07	
427	10.17	
460	10.98	
493	12.74	
527	12.59	
560	11.98	
592	10.77	
624	10.47	
657	8.56	
690	7.55	
721	6.55	
753	5.04	
785	3.93	
816	3.32	
848	1.61	
878	0.4	
908	-1.21	
936	-1.16	
964	-1.61	
993	-1.86	
1023	-3.76	



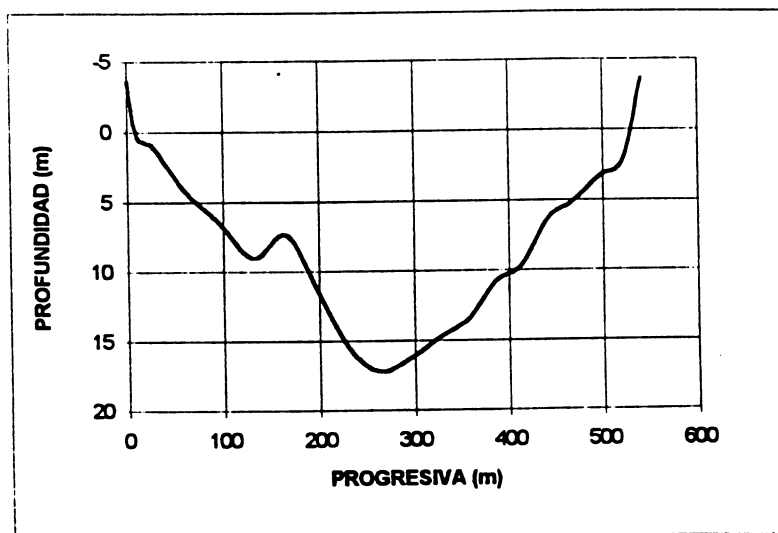
**CRUCE Km 762**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
17	247481	6600497
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.7	
80	10.63	
106	11.24	
137	12.14	
171	12.85	
205	15.06	
241	15.57	
276	13.55	
312	4.69	
350	6.5	
386	10.53	
423	8.01	
462	4.99	
502	4.19	
541	-0.54	



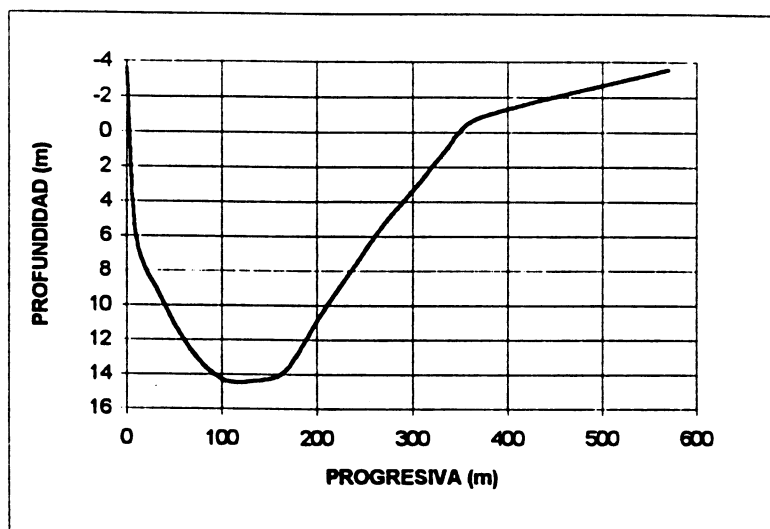
**CRUCE Km 768**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
72	244556	6603362
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.61	
10	0.25	
27	1.11	
59	4.13	
95	6.44	
131	9.06	
166	7.35	
198	11.38	
231	15.5	
263	17.22	
297	16.21	
329	14.7	
358	13.39	
385	10.87	
413	9.67	
441	6.34	
467	5.13	
496	3.37	
521	2.22	
541	-3.61	



**CRUCE Km 772**  
(Tramo Santa Fé - Asunción)

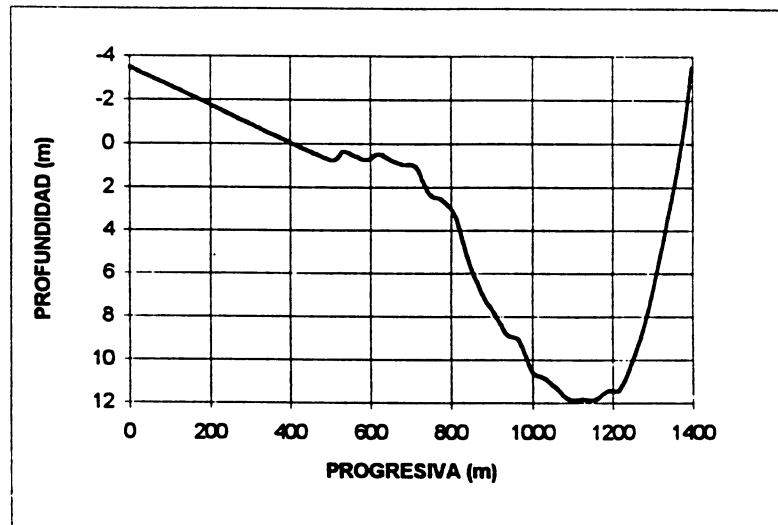
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
41	245522	6605929
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.57	
10	6.03	
36	9.55	
67	12.57	
100	14.29	
133	14.39	
167	13.78	
202	10.76	
236	8.04	
270	5.33	
304	3.11	
337	0.9	
370	-0.82	
570	-3.57	





**CRUCE Km 778**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 324	<b>Este</b> 244113	<b>Norte</b> 6607058
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.48	
500	0.78	
530	0.38	
560	0.58	
591	0.78	
621	0.48	
651	0.78	
682	0.99	
713	1.09	
744	2.29	
776	2.6	
809	3.3	
841	5.32	
873	6.83	
905	7.83	
937	8.84	
968	9.14	
999	10.55	
1029	10.85	
1061	11.36	
1091	11.86	
1124	11.86	
1155	11.86	
1186	11.46	
1216	11.36	
1247	10.15	
1279	8.44	
1310	6.02	
1343	2.9	
1377	-0.52	
1397	-3.48	



**CRUCE Km 780**  
(Tramo Santa Fé - Asunción)

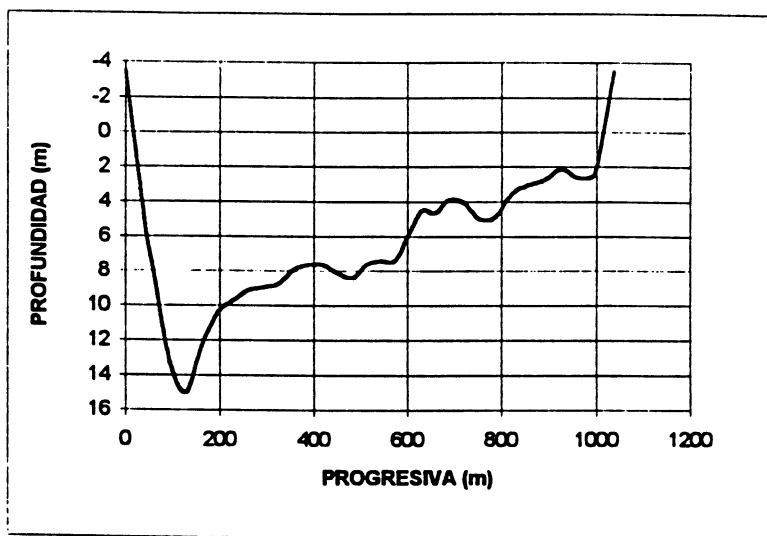
**Rumbo**  
313

**Este**  
245731

**Norte**  
6609956

Progresiva (m)    Profundidad (m)

0	-3.45
40	4.89
61	8.24
94	13.41
127	15.03
161	12.29
194	10.47
227	9.76
260	9.15
292	8.95
324	8.74
357	7.93
388	7.63
420	7.63
451	8.14
483	8.44
513	7.63
543	7.43
573	7.43
602	5.91
630	4.49
658	4.69
688	3.88
719	4.08
752	4.99
785	4.89
820	3.58
854	3.07
890	2.76
926	2.16
961	2.66
997	2.36
1037	-3.45

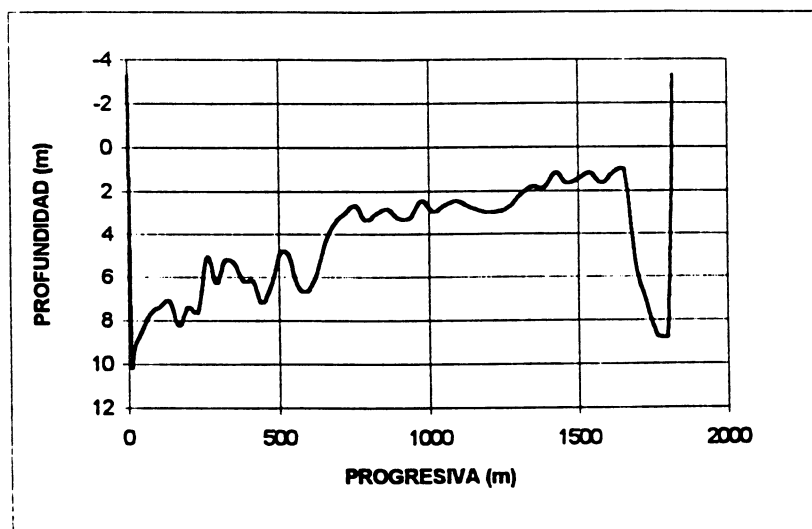


**CRUCE Km 787**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
287	246123	6619094

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
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0	-3.26
10	10.12
20	9.21
43	8.51
73	7.7
103	7.4
135	7.1
166	8.25
197	7.4
230	7.6
262	5.08
292	6.29
322	5.27
353	5.38
383	6.19
413	6.19
443	7.2
473	6.44
504	4.88
531	4.98
562	6.39
592	6.69
623	5.99
655	4.38
688	3.47
721	3.02
755	2.67
789	3.37
826	3.07
862	2.82
899	3.27
937	3.27
976	2.46
1015	2.97
1055	2.67
1096	2.46
1139	2.77
1182	2.97
1224	2.97
1265	2.77
1306	2.16
1345	1.81
1384	1.86
1423	1.16
1461	1.66
1499	1.46
1538	1.16
1577	1.66
1616	1.16

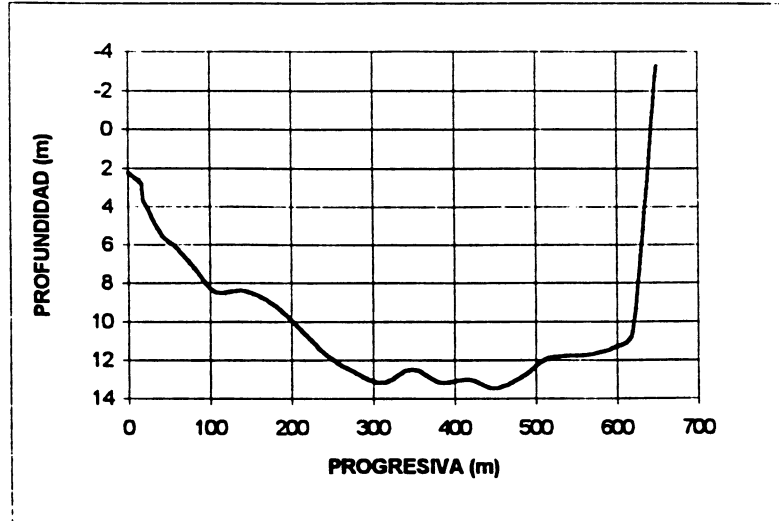


<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
-----------------------	------------------------

1654	1.05
1691	5.33
1727	7.1
1763	8.71
1799	8.71
1819	-3.26

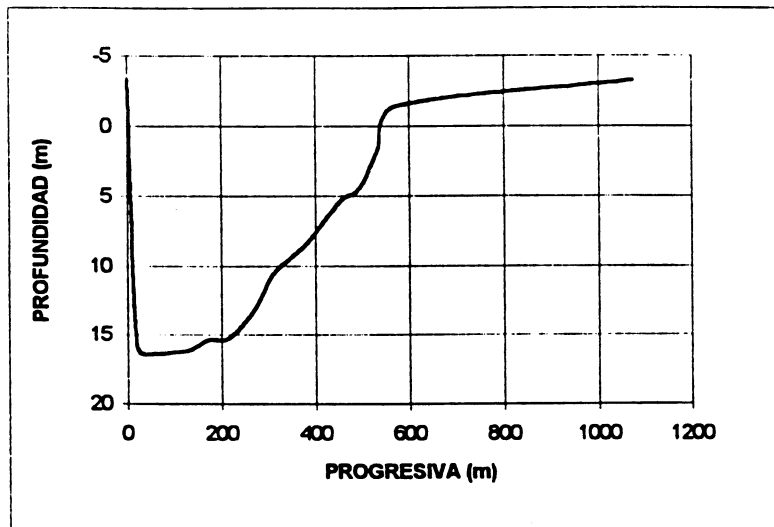
**CRUCE Km 788**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
144	244631	6620557
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	2.22	
15	2.78	
17	3.03	
18	3.68	
23	4.03	
27	4.44	
34	5.04	
43	5.65	
56	6.05	
77	7.06	
106	8.46	
142	8.41	
180	9.17	
212	10.48	
244	11.79	
279	12.69	
312	13.2	
347	12.49	
382	13.2	
416	13	
448	13.5	
480	12.95	
513	11.94	
543	11.79	
571	11.69	
595	11.38	
619	10.58	
649	-3.25	



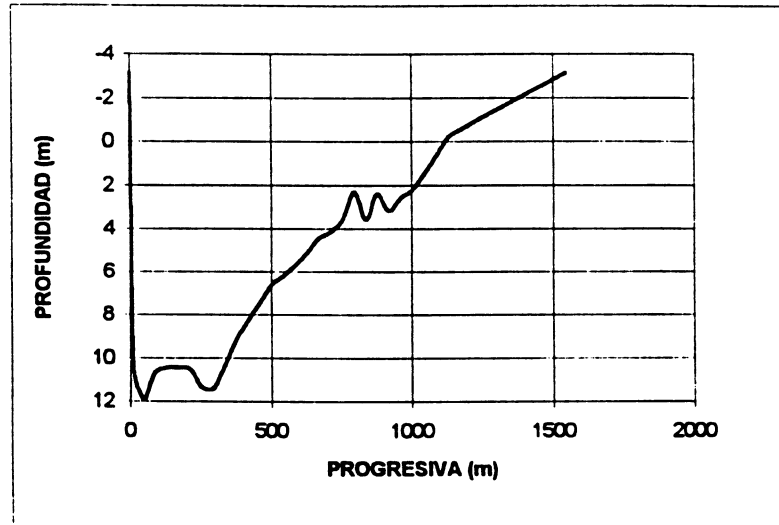
**CRUCE Km 789**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
263	245848	6621168
Progresiva (m)	Profundidad (m)	
0	-3.24	
20	15.93	
60	16.42	
96	16.28	
134	16.13	
171	15.39	
206	15.39	
240	14.46	
275	12.89	
309	10.64	
345	9.46	
381	8.38	
418	6.81	
457	5.25	
496	4.36	
535	1.62	
574	-1.42	
1074	-3.24	



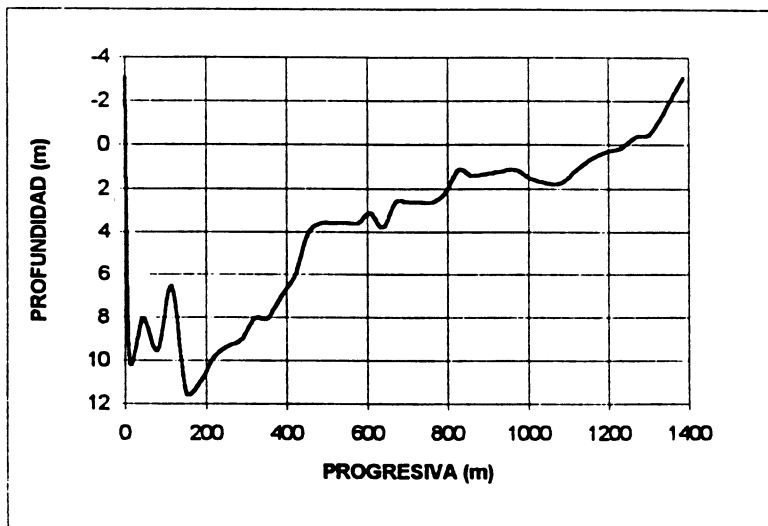
**CRUCE Km 797**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
70	240593	6628458
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.13	
10	10.55	
45	11.93	
84	10.75	
126	10.45	
168	10.45	
209	10.55	
250	11.34	
291	11.44	
331	10.45	
374	9.18	
415	8.3	
457	7.51	
500	6.63	
542	6.24	
584	5.75	
626	5.16	
670	4.47	
712	4.18	
754	3.59	
796	2.32	
837	3.59	
878	2.41	
920	3.2	
961	2.61	
1002	2.22	
1037	1.63	
1075	0.94	
1112	0.16	
1147	-0.33	
1547	-3.13	



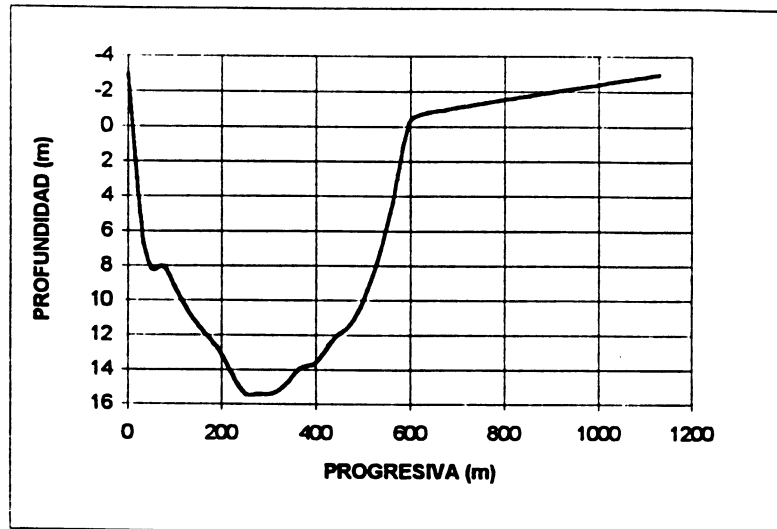
**CRUCE Km 798**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
90	240011	6630222
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.05	
10	10.03	
43	8.05	
79	9.53	
115	6.57	
150	11.51	
185	11.01	
220	9.83	
254	9.34	
288	9.04	
320	8.05	
353	8.05	
385	7.07	
419	6.08	
452	4.1	
484	3.61	
516	3.61	
547	3.61	
577	3.61	
607	3.12	
638	3.81	
669	2.62	
700	2.62	
731	2.62	
763	2.62	
795	2.13	
827	1.14	
860	1.44	
894	1.34	
930	1.24	
967	1.14	
1005	1.54	
1043	1.74	
1081	1.74	
1119	1.14	
1155	0.65	
1192	0.35	
1230	0.16	
1268	-0.34	
1306	-0.53	
1386	-3.05	



**CRUCE Km 804**  
(Tramo Santa Fé - Asunción)

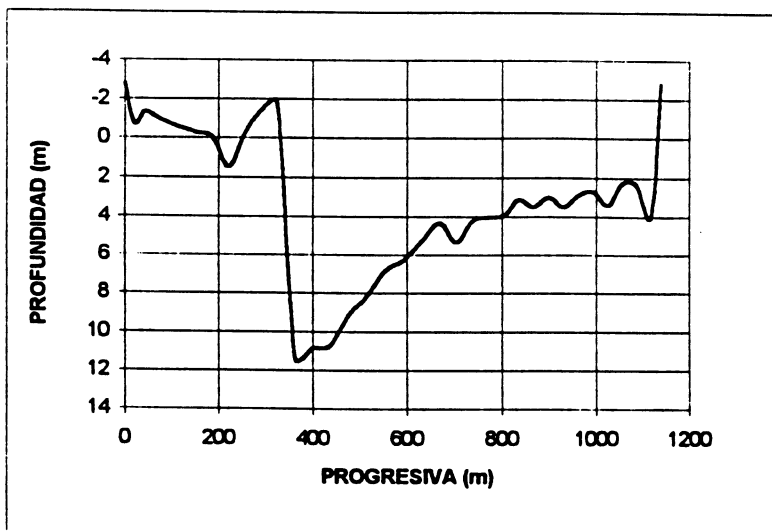
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
278	242348	6634173
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.97	
30	6.1	
49	8.16	
76	8.06	
105	9.54	
136	11.01	
167	11.99	
196	12.97	
224	14.44	
251	15.42	
277	15.42	
305	15.42	
334	14.93	
365	13.95	
401	13.57	
440	12.18	
479	11.18	
519	8.7	
559	4.72	
597	-0.24	
631	-0.74	
1131	-2.97	





**CRUCE Km 817**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 281	<b>Este</b> 243958	<b>Norte</b> 6643622
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.79	
20	-0.73	
43	-1.34	
78	-0.93	
115	-0.53	
151	-0.27	
187	-0.02	
221	1.5	
255	-0.22	
288	-1.34	
324	-1.8	
362	11.43	
399	10.87	
437	10.72	
476	9.15	
515	8.19	
554	6.82	
593	6.26	
631	5.25	
668	4.34	
702	5.35	
737	4.24	
769	4.03	
803	3.93	
834	3.12	
865	3.53	
898	3.02	
929	3.53	
961	2.92	
994	2.72	
1025	3.42	
1056	2.31	
1087	2.41	
1119	3.93	
1139	-2.79	

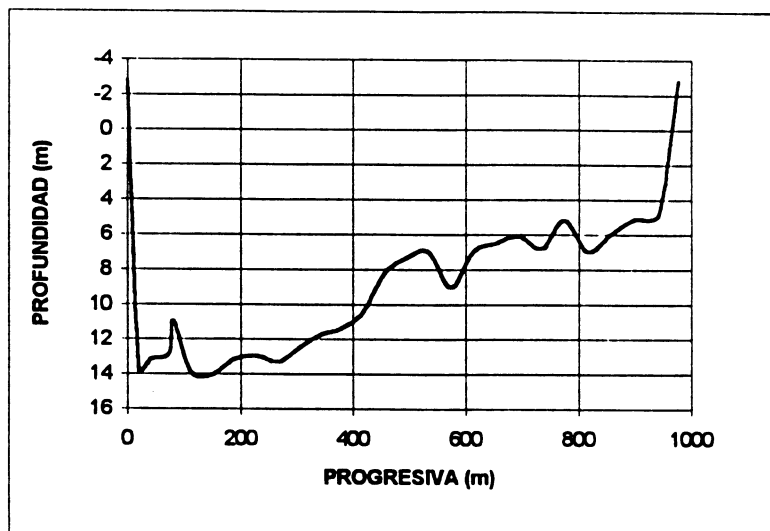


**CRUCE Km 818**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
282	244269	6644643

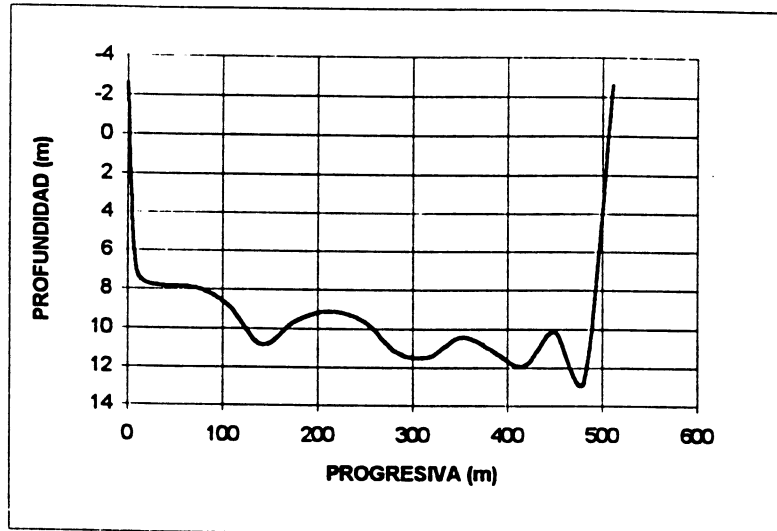
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
-----------------------	------------------------

0	-2.77
20	13.78
39	13.17
72	12.87
80	10.95
110	13.88
149	14.08
188	13.17
228	12.97
267	13.33
306	12.47
344	11.76
381	11.36
418	10.45
456	8.22
495	7.37
534	7.01
573	9.03
613	7.01
653	6.51
694	6.1
734	6.81
773	5.19
815	7.01
856	6
899	5.09
942	4.79
977	-2.77



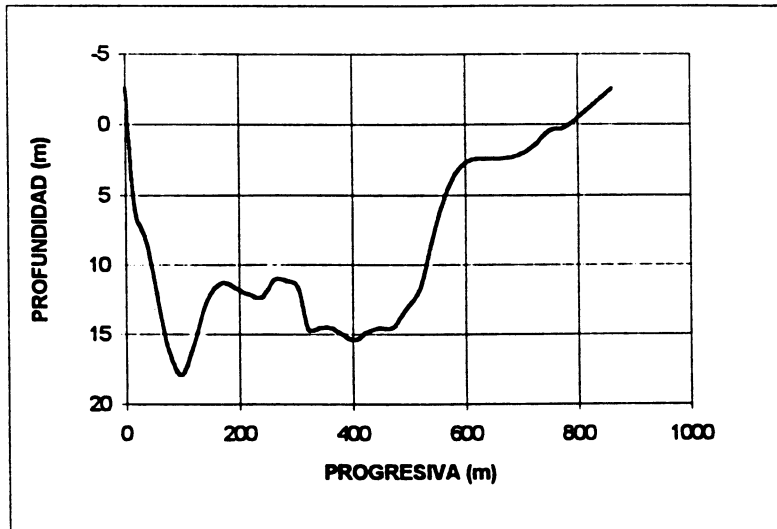
**CRUCE Km 829**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 86	<b>Este</b> 246957	<b>Norte</b> 6654687
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.58	
10	7.12	
38	7.83	
71	7.93	
106	8.83	
141	10.85	
177	9.64	
212	9.13	
249	9.64	
284	11.25	
317	11.45	
351	10.44	
384	11.15	
417	11.95	
450	10.14	
481	12.66	
511	-2.58	



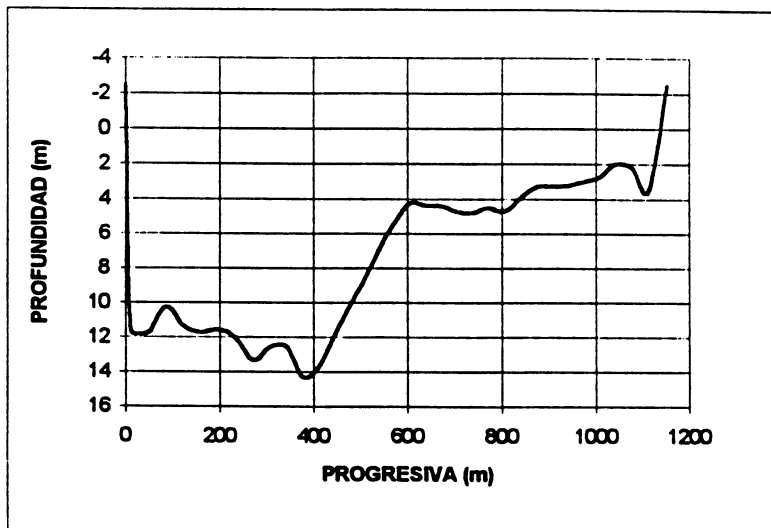
**CRUCE Km 832**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
290	247379	6657042
Progresiva (m)	Profundidad (m)	
0	-2.54	
15	5.85	
38	8.65	
71	15.65	
95	17.95	
116	16.15	
142	12.65	
169	11.35	
192	11.65	
217	12.15	
240	12.35	
263	11.05	
283	11.15	
304	11.65	
322	14.65	
342	14.55	
362	14.55	
383	15.05	
404	15.45	
425	14.85	
446	14.55	
469	14.55	
494	13.15	
520	11.65	
547	7.15	
576	3.95	
604	2.65	
632	2.45	
661	2.45	
691	2.25	
721	1.55	
751	0.45	
781	0.15	
861	-2.54	



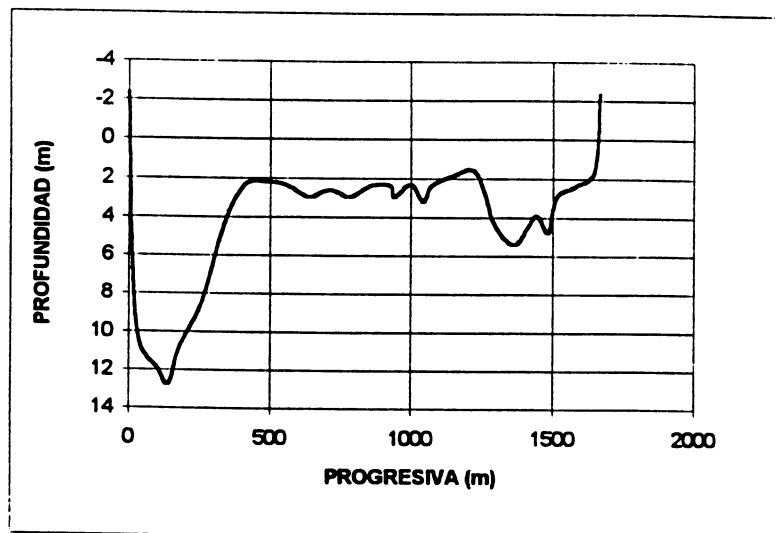
**CRUCE Km 837**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 89	<b>Este</b> 246381	<b>Norte</b> 6661661
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.47	
10	11.56	
47	11.76	
85	10.25	
122	11.36	
160	11.76	
197	11.56	
234	12.06	
271	13.37	
307	12.57	
343	12.57	
376	14.28	
410	13.78	
444	11.96	
477	10.25	
510	8.64	
543	6.73	
576	5.22	
607	4.21	
640	4.41	
671	4.41	
703	4.71	
736	4.81	
770	4.51	
805	4.71	
840	3.91	
874	3.3	
909	3.3	
943	3.2	
976	3	
1009	2.7	
1043	2	
1078	2.2	
1113	3.51	
1153	-2.47	



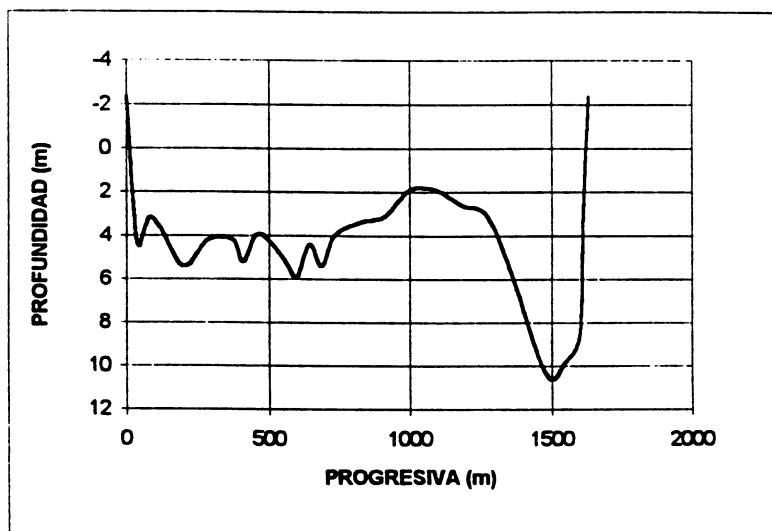
**CRUCE Km 843**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
124	247480	6667345
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.34	
10	5.61	
36	10.45	
102	11.96	
141	12.76	
180	10.75	
258	8.43	
334	4.5	
408	2.39	
485	2.19	
562	2.39	
637	2.99	
712	2.59	
783	2.99	
855	2.39	
927	2.39	
941	2.99	
1000	2.29	
1044	3.2	
1073	2.39	
1146	1.89	
1221	1.59	
1265	2.99	
1295	4.4	
1367	5.41	
1440	3.9	
1483	4.81	
1511	2.99	
1580	2.39	
1647	1.59	
1667	-2.34	



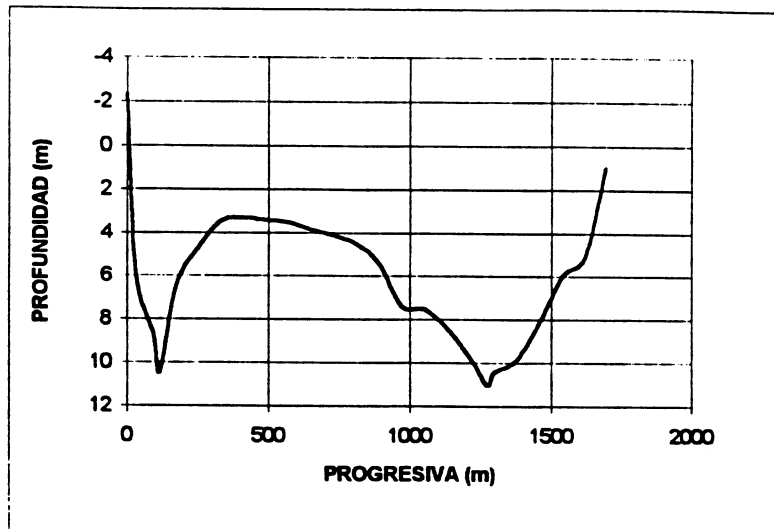
**CRUCE Km 844**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
301	249401	6667565
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.33	
30	3.81	
43	4.51	
78	3.21	
117	3.61	
200	5.42	
287	4.21	
375	4.21	
410	5.22	
463	3.91	
553	5.12	
598	5.92	
644	4.41	
688	5.42	
733	4.01	
822	3.41	
911	3.11	
1001	1.9	
1092	1.9	
1182	2.6	
1274	3.11	
1365	6.03	
1455	9.65	
1499	10.66	
1542	9.95	
1599	8.64	
1613	2.9	
1633	-2.33	



**CRUCE Km 845**  
(Tramo Santa Fé - Asunción)

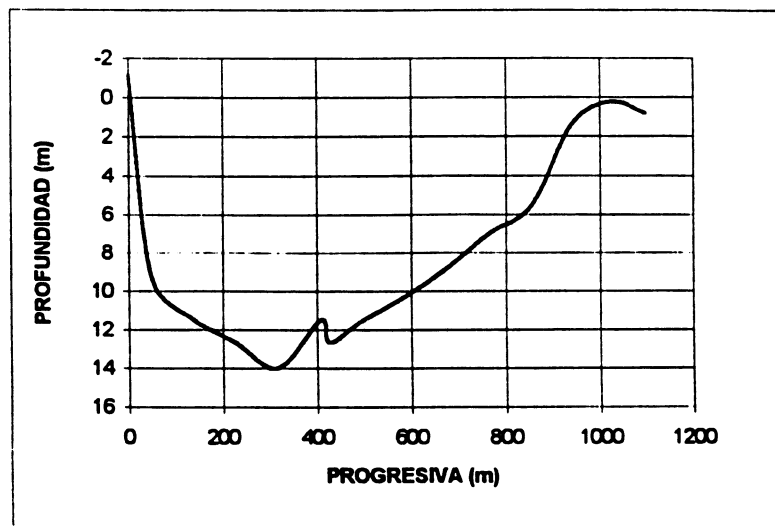
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
96	248184	6669060
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.32	
30	5.93	
94	8.75	
117	10.47	
174	6.44	
255	4.63	
336	3.42	
417	3.32	
501	3.42	
566	3.52	
642	3.82	
727	4.12	
810	4.52	
890	5.43	
971	7.44	
1052	7.55	
1133	8.45	
1216	9.86	
1273	11.07	
1297	10.47	
1378	9.86	
1461	8.05	
1542	5.93	
1620	5.13	
1694	1	





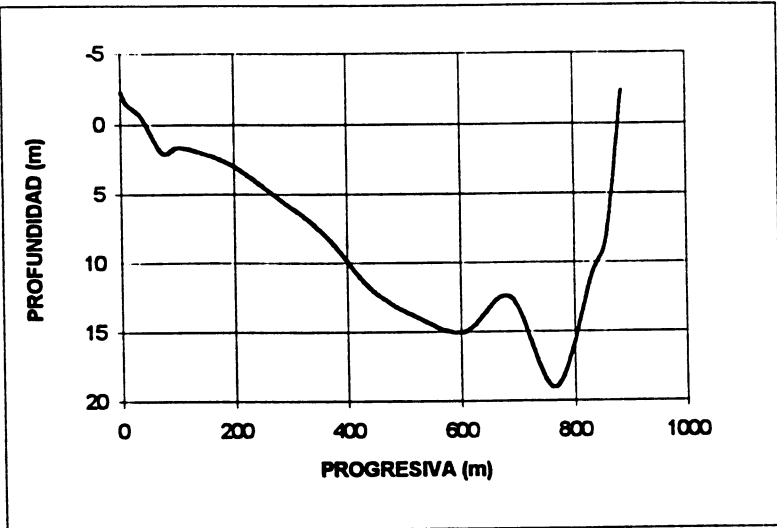
**CRUCE Km 846**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
302	249904	6669725
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-1.09	
47	9.28	
136	11.49	
226	12.7	
317	14.01	
408	11.49	
427	12.7	
499	11.49	
587	10.28	
676	8.77	
765	6.96	
854	5.55	
939	1.42	
1024	0.22	
1097	0.82	



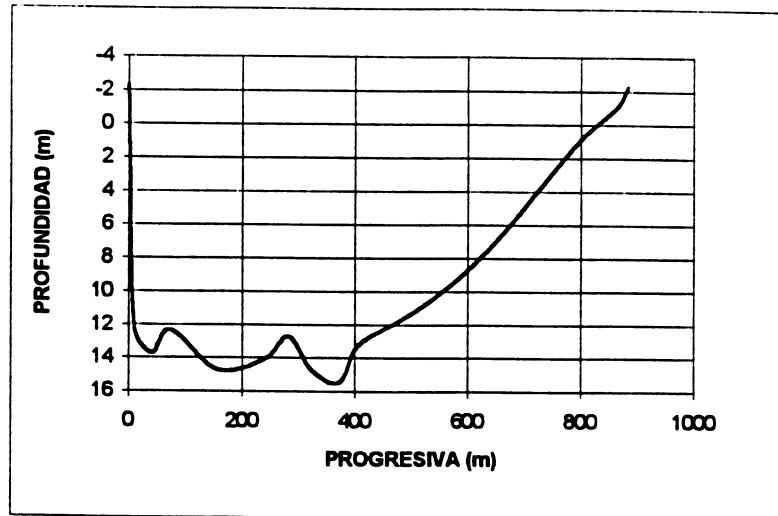
**CRUCE Km 848**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
121	249628	6671139
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.28	
10	-1.48	
35	-0.57	
73	2.05	
105	1.65	
189	2.75	
275	5.17	
361	7.99	
443	11.91	
526	14.03	
605	15.04	
687	12.52	
765	19.06	
831	10.81	
856	8.39	
886	-2.28	



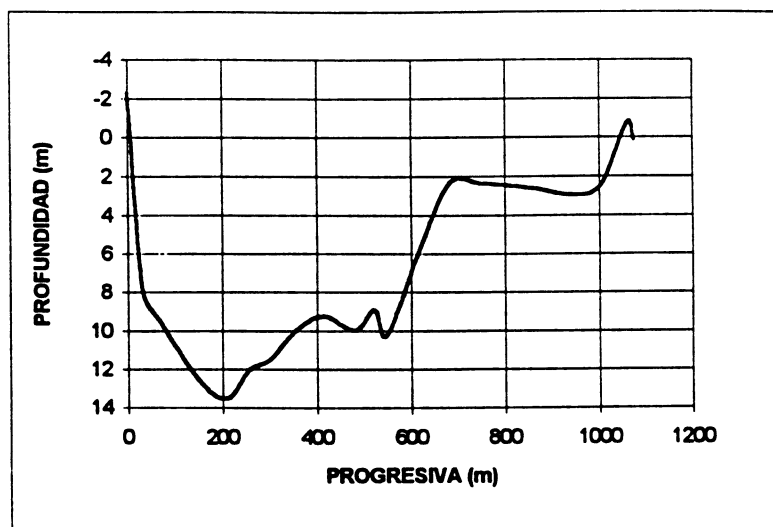
**CRUCE Km 849**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
312	251019	6671546
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.26	
10	12.24	
40	13.75	
74	12.34	
156	14.75	
241	14.05	
282	12.74	
323	14.75	
373	15.46	
407	13.24	
491	11.53	
573	9.52	
654	6.8	
735	3.48	
803	0.76	
864	-1.05	
884	-2.26	



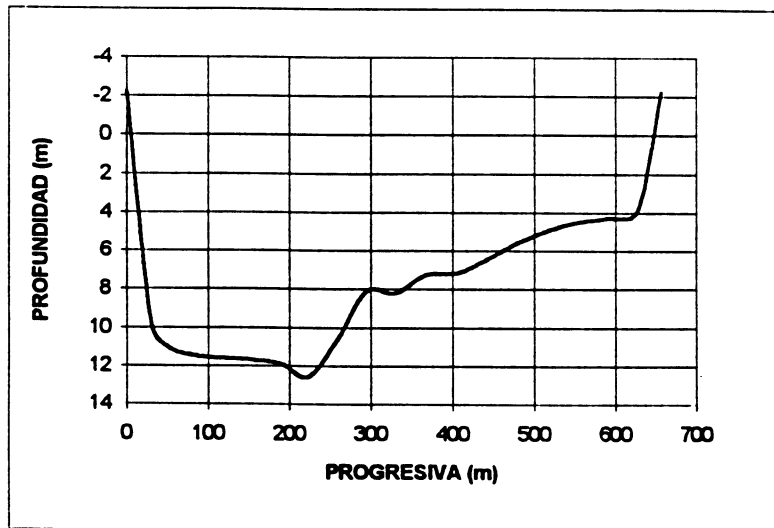
**CRUCE Km 850**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
43	250509	6672924
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.25	
30	7.82	
68	9.53	
149	12.55	
208	13.56	
256	12.05	
299	11.54	
355	10.03	
413	9.23	
481	10.03	
521	8.92	
548	10.23	
615	6	
681	2.38	
746	2.38	
812	2.48	
876	2.68	
940	2.98	
1003	2.48	
1061	-0.74	
1075	0.16	



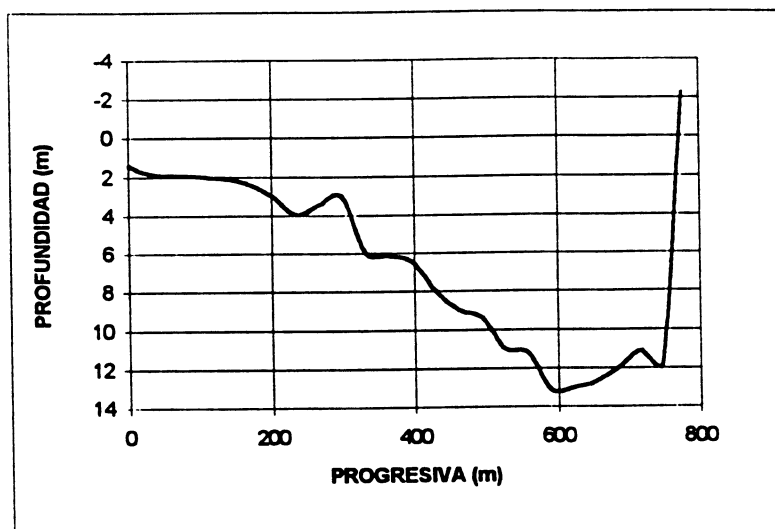
**CRUCE Km 854**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
100	249457	6677597
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.2	
30	9.92	
54	11.13	
87	11.53	
122	11.63	
157	11.73	
191	11.93	
224	12.59	
259	10.62	
295	8.11	
331	8.21	
368	7.25	
405	7.2	
441	6.49	
479	5.59	
515	4.98	
552	4.53	
589	4.28	
627	3.88	
657	-2.2	



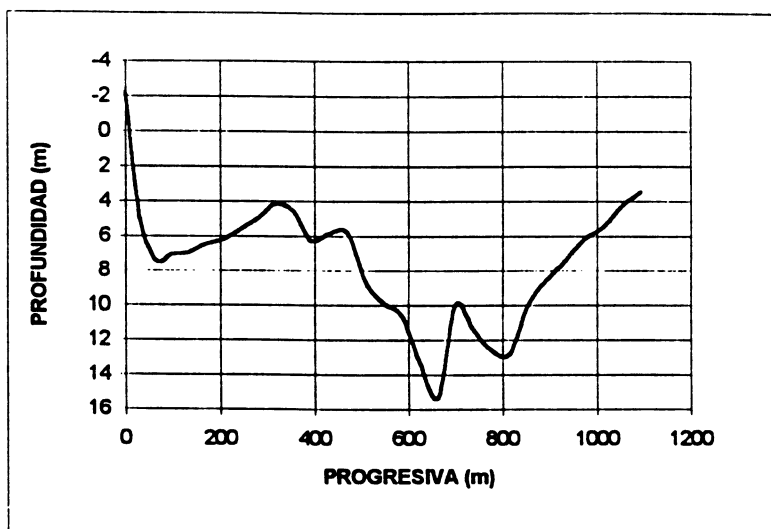
**CRUCE Km 860**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
78	249298	6681920
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	1.44	
20	1.74	
50	1.94	
81	1.94	
112	2.04	
143	2.15	
173	2.45	
203	3.05	
235	3.96	
267	3.45	
300	3.05	
332	5.97	
365	6.17	
398	6.47	
430	7.98	
462	8.99	
494	9.39	
526	11.01	
557	11.21	
589	13.12	
620	13.02	
652	12.72	
684	12.01	
716	11.11	
746	11.81	
776	-2.22	



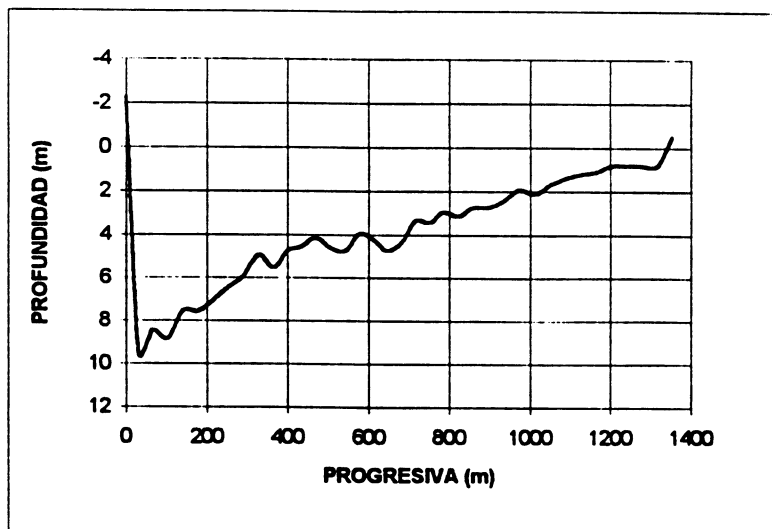
**CRUCE Km 864**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
252	249590	6686211
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.22	
30	5.12	
64	7.48	
96	7.08	
131	6.98	
169	6.47	
207	6.17	
244	5.57	
279	4.96	
317	4.16	
355	4.56	
393	6.27	
431	5.87	
470	5.77	
509	8.69	
547	9.9	
585	10.6	
622	13.22	
662	15.33	
699	10	
737	11.41	
775	12.57	
814	12.82	
854	10	
894	8.49	
933	7.38	
973	6.17	
1013	5.47	
1055	4.21	
1094	3.45	



**CRUCE Km 869**  
(Tramo Santa Fé - Asunción)

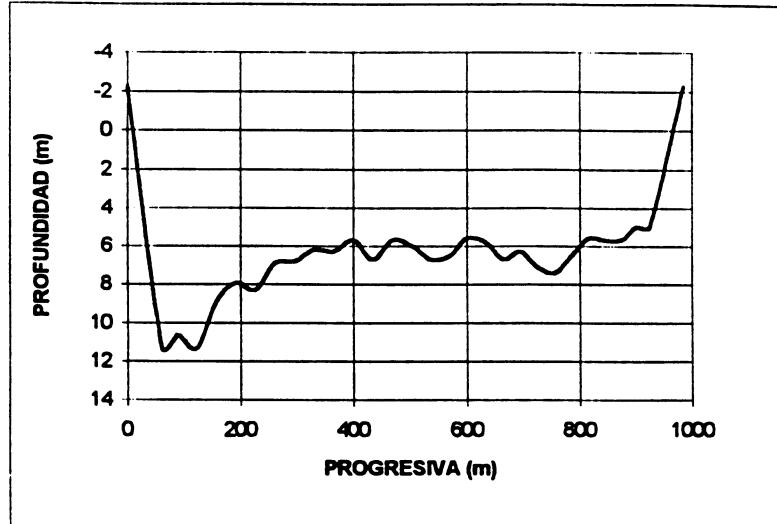
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
250	247880	6690401
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.24	
30	9.58	
65	8.47	
102	8.87	
140	7.56	
178	7.56	
216	7.06	
253	6.45	
290	5.95	
328	4.94	
364	5.55	
400	4.74	
435	4.54	
471	4.14	
507	4.64	
542	4.74	
577	3.94	
613	4.24	
647	4.74	
681	4.34	
715	3.33	
750	3.43	
784	2.93	
821	3.13	
858	2.73	
895	2.73	
934	2.43	
972	1.92	
1011	2.13	
1047	1.72	
1085	1.42	
1124	1.22	
1162	1.12	
1201	0.82	
1240	0.82	
1277	0.82	
1316	0.82	
1353	-0.49	





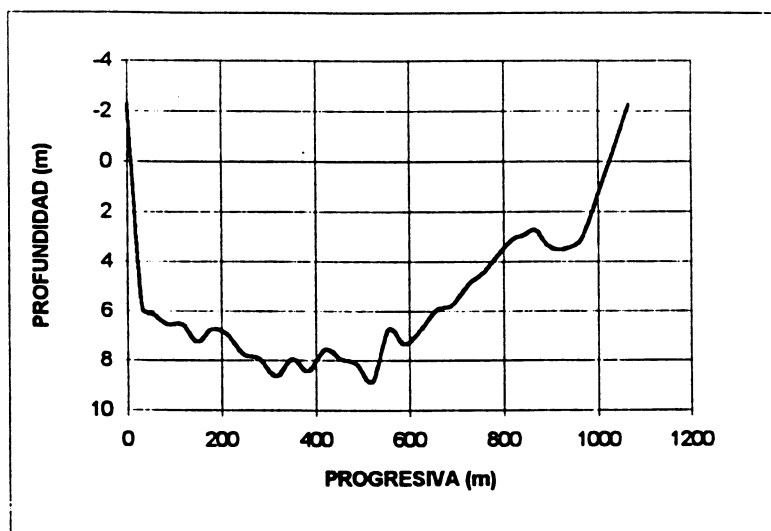
**CRUCE Km 873**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
236	245219	6693405
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.25	
60	11.36	
87	10.65	
121	11.36	
157	8.93	
192	7.92	
227	8.32	
262	6.9	
297	6.8	
330	6.19	
365	6.3	
400	5.69	
434	6.7	
469	5.69	
503	5.99	
536	6.7	
569	6.5	
600	5.59	
632	5.79	
664	6.7	
694	6.3	
725	7.11	
755	7.41	
785	6.5	
815	5.59	
843	5.69	
873	5.69	
901	4.98	
925	4.98	
985	-2.25	



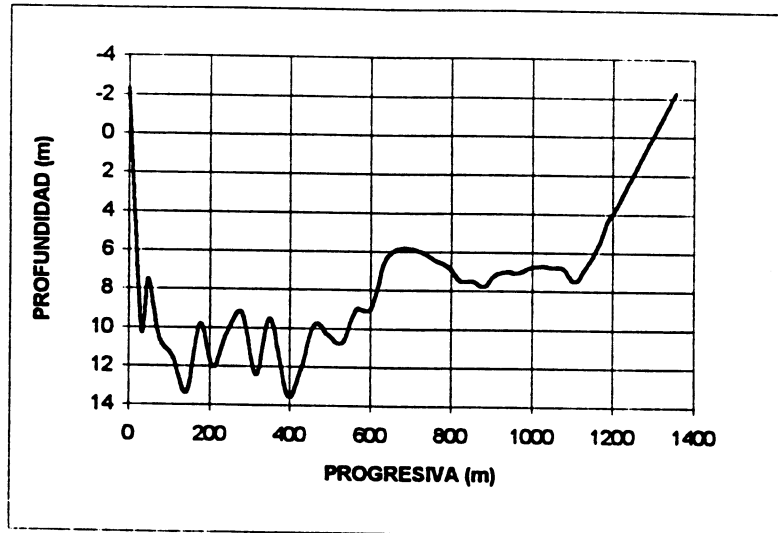
**CRUCE Km 874**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
33	243823	6693772
<b>Progresiva (m)</b>	<b>Profundidad (m)</b>	
0	-2.25	
30	5.84	
55	6.14	
84	6.55	
115	6.55	
147	7.25	
179	6.75	
211	6.95	
245	7.75	
280	7.95	
315	8.66	
350	7.95	
384	8.46	
420	7.55	
453	7.95	
487	8.16	
521	8.86	
556	6.75	
589	7.35	
623	6.75	
658	5.94	
691	5.74	
725	4.93	
757	4.43	
788	3.73	
817	3.12	
843	2.92	
867	2.72	
891	3.32	
917	3.52	
942	3.42	
966	3.02	
1066	-2.25	



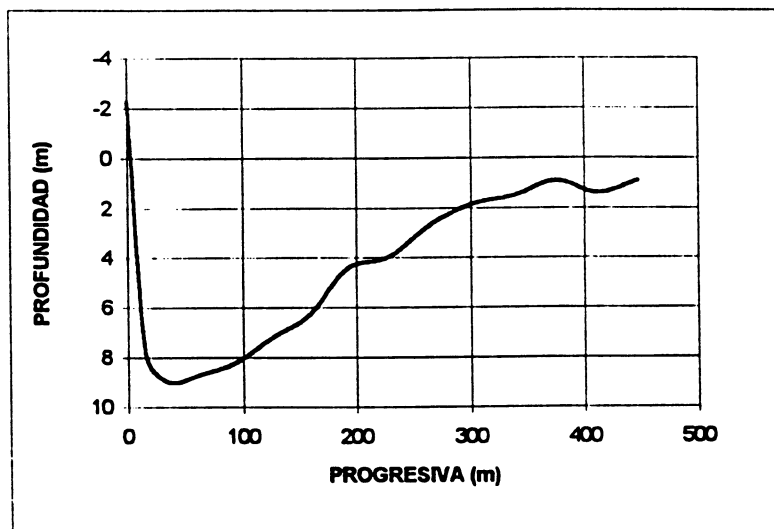
**CRUCE Km 877**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
299	243605	6697587
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.26	
30	10.04	
48	7.5	
75	10.54	
108	11.56	
142	13.38	
176	9.83	
209	12.06	
244	10.24	
280	9.23	
316	12.47	
351	9.53	
393	13.48	
426	12.27	
461	9.83	
495	10.34	
530	10.75	
565	9.02	
601	9.02	
635	6.49	
668	5.88	
701	5.88	
732	6.08	
763	6.49	
793	6.79	
823	7.5	
852	7.5	
881	7.81	
909	7.2	
937	7	
965	7.1	
993	6.79	
1021	6.7	
1048	6.79	
1076	6.79	
1104	7.5	
1132	6.79	
1162	5.68	
1188	4.26	
1204	3.85	
1354	-2.26	



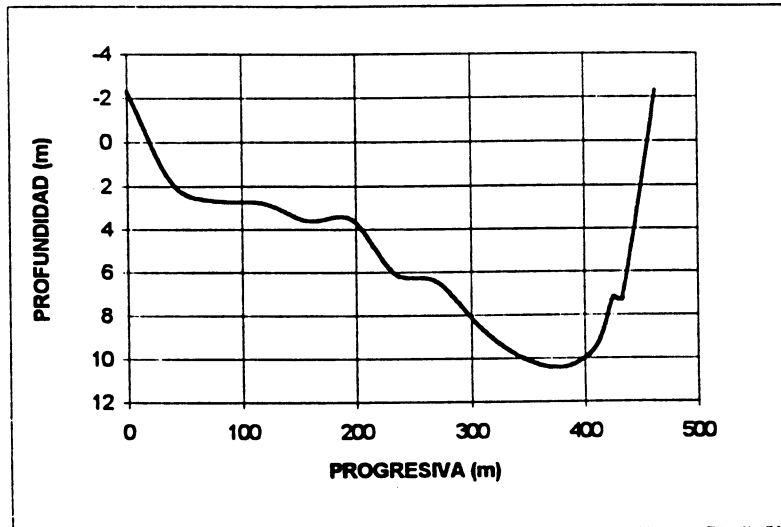
**CRUCE Km 884**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
284	244100	6701650
Progresiva (m)	Profundidad (m)	
0	-2.27	
15	7.9	
35	9.01	
63	8.71	
94	8.2	
126	7.19	
159	6.28	
192	4.45	
229	3.94	
266	2.63	
302	1.82	
338	1.51	
375	0.9	
411	1.41	
447	0.9	



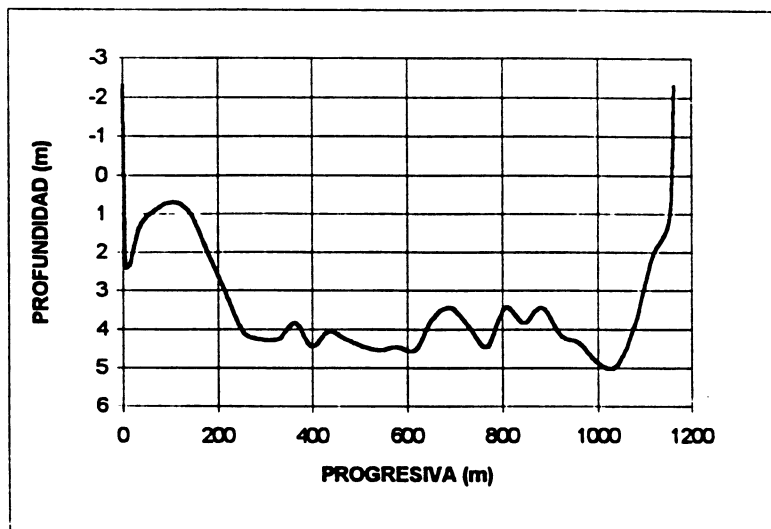
**CRUCE Km 887**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
152	243398	6705607
Progresiva (m)	Profundidad (m)	
0	-2.28	
30	1.1	
51	2.41	
84	2.72	
121	2.82	
158	3.63	
196	3.53	
233	6.06	
270	6.47	
307	8.5	
342	9.91	
378	10.42	
409	9.51	
425	7.18	
433	7.28	
463	-2.28	



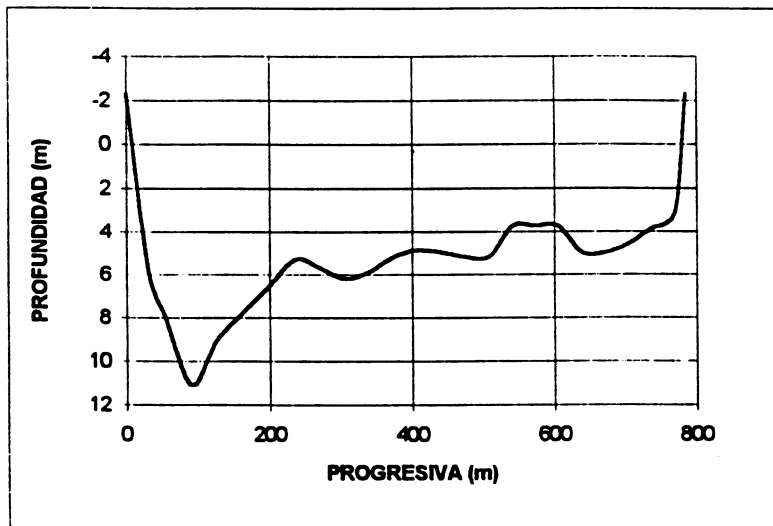
**CRUCE Km 892**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
81	245622	6708793
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.3	
5	2.42	
14	2.32	
36	1.3	
70	0.89	
105	0.69	
142	0.99	
178	2.01	
215	3.03	
252	4.05	
288	4.26	
327	4.26	
363	3.85	
399	4.46	
435	4.05	
471	4.26	
507	4.46	
543	4.56	
579	4.46	
616	4.56	
653	3.75	
691	3.44	
730	3.95	
768	4.46	
805	3.44	
844	3.85	
882	3.44	
922	4.16	
960	4.36	
1000	4.87	
1039	4.97	
1078	3.95	
1116	2.12	
1153	1.1	
1163	-2.3	



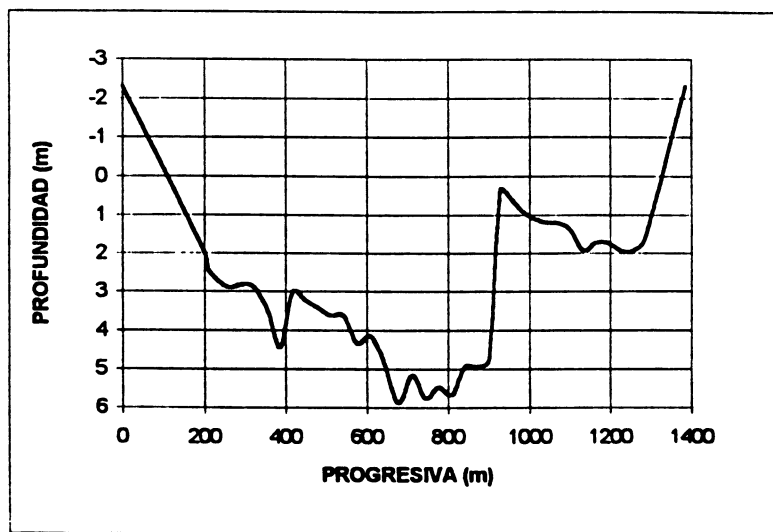
**CRUCE Km 893**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
76	245627	6710367
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.3	
30	5.89	
54	8.03	
89	11.1	
125	9.05	
163	7.73	
200	6.5	
237	5.28	
271	5.69	
306	6.2	
340	5.89	
374	5.18	
407	4.87	
442	4.97	
474	5.18	
508	5.18	
541	3.75	
573	3.75	
605	3.75	
638	4.97	
671	4.97	
703	4.56	
737	3.85	
769	3.14	
784	-2.3	



**CRUCE Km 895**  
(Tramo Santa Fé - Asunción)

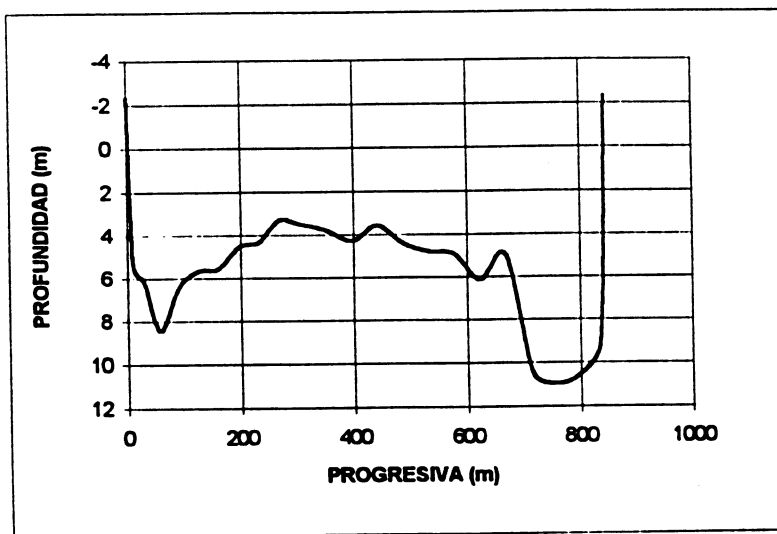
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
276	246574	6711541
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.31	
200	2	
209	2.41	
233	2.72	
263	2.92	
293	2.82	
324	2.92	
355	3.53	
386	4.45	
417	3.02	
448	3.23	
479	3.43	
510	3.64	
542	3.64	
576	4.35	
609	4.15	
643	4.86	
677	5.88	
712	5.17	
744	5.78	
776	5.47	
808	5.68	
839	4.96	
870	4.96	
900	4.76	
928	0.38	
954	0.59	
982	0.9	
1011	1.1	
1041	1.21	
1070	1.21	
1101	1.41	
1132	1.93	
1163	1.72	
1194	1.72	
1225	1.93	
1256	1.93	
1285	1.62	
1385	-2.31	





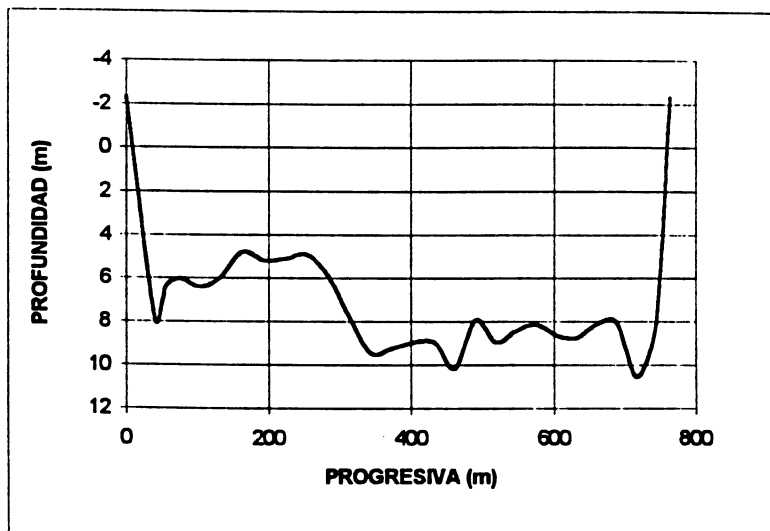
**CRUCE Km 896**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
75	244921	6712767
Progresiva (m)	Profundidad (m)	
0	-2.31	
10	5.42	
28	6.13	
57	8.47	
91	6.4	
126	5.67	
160	5.57	
197	4.54	
232	4.33	
268	3.3	
305	3.5	
352	3.81	
398	4.29	
442	3.57	
487	4.39	
532	4.8	
577	4.91	
623	6.14	
669	5.01	
714	10.45	
756	10.97	
797	10.56	
835	9.12	
845	-2.31	



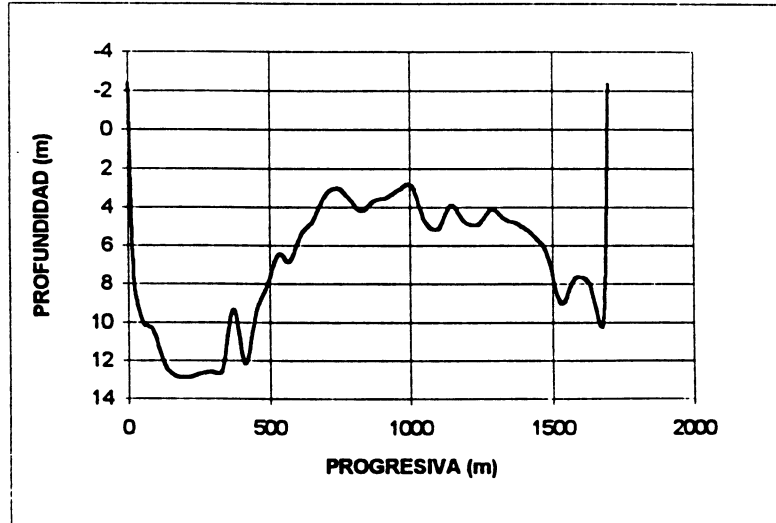
**CRUCE Km 901**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
319	245968	6716782
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.32	
40	7.95	
55	6.43	
76	6.02	
102	6.43	
131	6.02	
163	4.81	
193	5.21	
224	5.11	
254	4.91	
284	5.92	
315	7.85	
344	9.47	
373	9.27	
403	8.96	
433	8.96	
461	10.18	
490	7.95	
518	8.96	
546	8.46	
575	8.15	
604	8.66	
631	8.76	
660	8.15	
688	8.05	
717	10.58	
744	8.15	
764	-2.32	



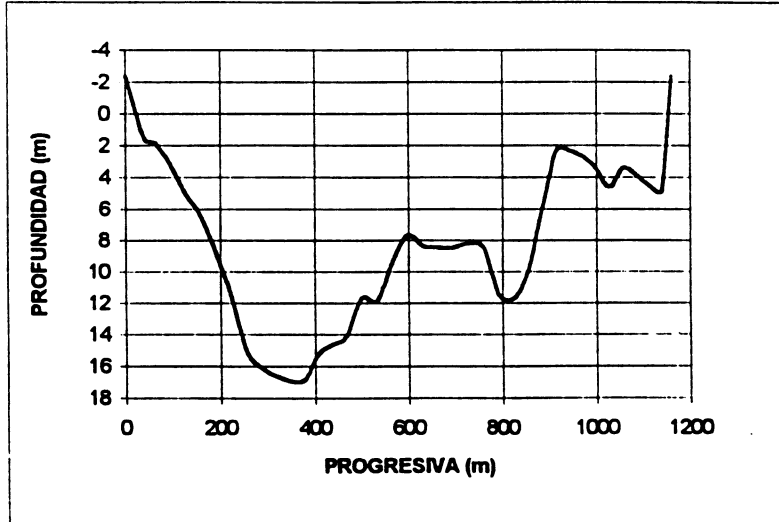
**CRUCE Km 904**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
119	246922	6720477
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.33	
20	7.93	
51	10	
86	10.41	
127	12.27	
166	12.85	
207	12.9	
248	12.7	
288	12.6	
328	12.6	
369	9.33	
411	12.19	
450	9.53	
490	8.11	
531	6.47	
572	6.88	
612	5.45	
654	4.74	
697	3.41	
741	3	
784	3.51	
828	4.23	
872	3.67	
916	3.51	
961	3.11	
1006	2.9	
1052	4.74	
1098	5.15	
1145	3.92	
1191	4.74	
1239	4.94	
1286	4.13	
1334	4.64	
1382	4.94	
1431	5.45	
1480	6.37	
1529	9.02	
1579	7.7	
1630	8	
1678	10.04	
1698	-2.33	



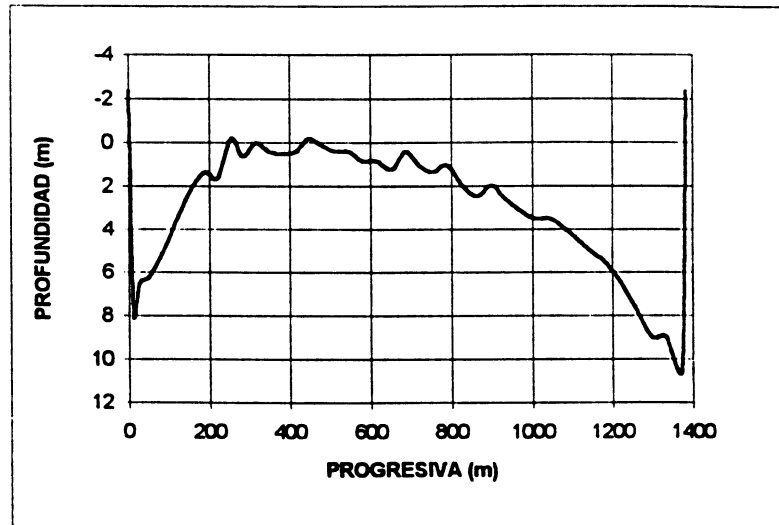
**CRUCE Km 908**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 297	<b>Este</b> 248142	<b>Norte</b> 6723371
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.34	
40	1.57	
62	1.87	
92	3.1	
124	4.93	
157	6.46	
189	8.71	
222	11.57	
255	15.14	
287	16.16	
319	16.67	
347	16.92	
377	16.87	
407	15.24	
438	14.63	
468	14.12	
500	11.69	
533	11.89	
566	9.37	
598	7.66	
631	8.37	
664	8.47	
695	8.47	
727	8.17	
759	8.47	
792	11.49	
824	11.69	
855	9.88	
885	5.85	
915	2.33	
942	2.33	
971	2.73	
998	3.43	
1028	4.64	
1057	3.43	
1084	3.84	
1112	4.54	
1140	4.84	
1160	-2.34	



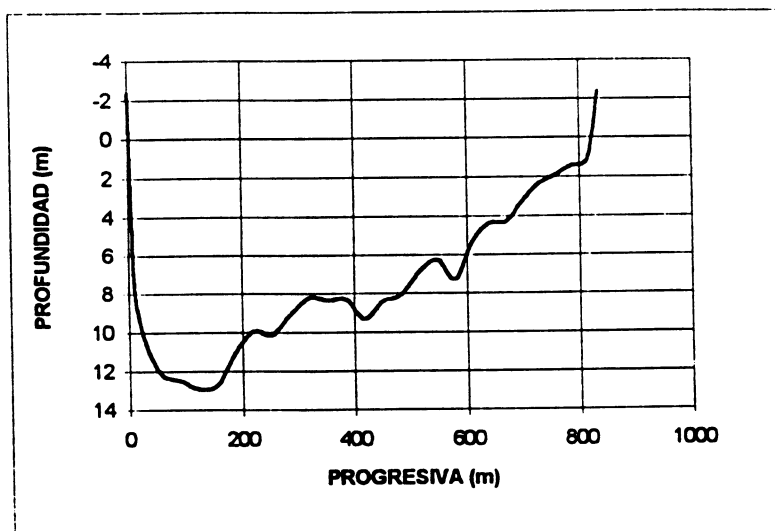
**CRUCE Km 909**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
63	246459	6725176
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.34	
10	7.99	
25	6.57	
51	6.21	
87	4.93	
122	3.4	
156	2.08	
190	1.36	
221	1.67	
254	-0.17	
284	0.65	
315	0.03	
348	0.44	
381	0.54	
415	0.44	
448	-0.17	
479	0.14	
513	0.44	
547	0.44	
581	0.85	
616	0.85	
652	1.26	
686	0.44	
720	1.06	
754	1.36	
789	1.06	
825	1.97	
862	2.48	
897	1.97	
933	2.59	
969	3.15	
1005	3.5	
1043	3.5	
1081	4.01	
1140	4.93	
1181	5.54	
1220	6.46	
1258	7.69	
1297	9.01	
1334	9.01	
1373	10.54	
1383	-2.34	



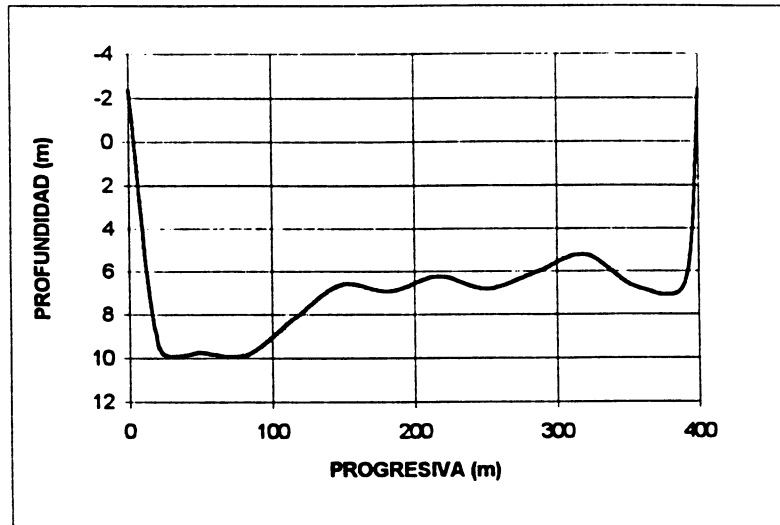
**CRUCE Km 912**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
56	244828	6728895
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.35	
10	7.59	
29	10.67	
57	12.21	
90	12.52	
122	12.93	
155	12.72	
187	11.08	
220	9.95	
252	10.16	
285	9.13	
319	8.2	
353	8.36	
386	8.31	
418	9.33	
451	8.41	
483	8.1	
515	6.87	
547	6.25	
578	7.28	
608	5.33	
638	4.38	
668	4.3	
697	3.27	
727	2.35	
756	1.94	
785	1.47	
814	1.12	
834	-2.35	



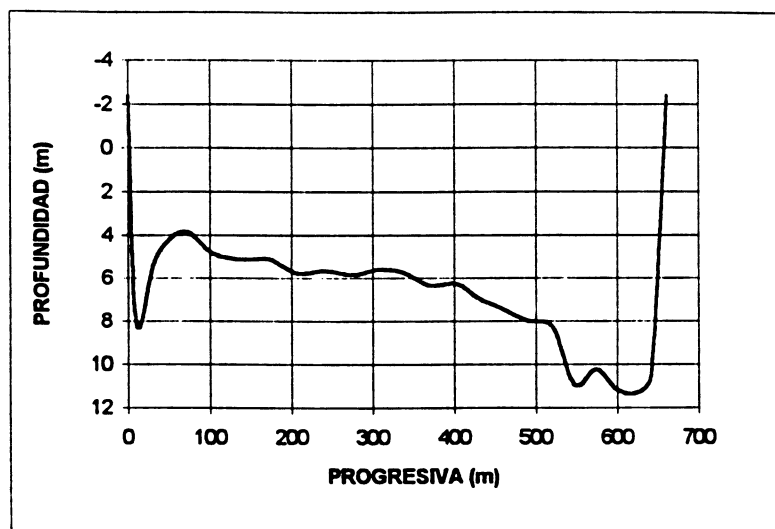
**CRUCE Km 920**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
323	246824	6733752
Progresiva (m)	Profundidad (m)	
0	-2.37	
20	9.45	
49	9.75	
82	9.85	
115	8.24	
149	6.63	
183	6.93	
217	6.22	
251	6.83	
286	6.02	
320	5.22	
356	6.73	
390	6.53	
400	-2.37	



**CRUCE Km 923**  
(Tramo Santa Fé - Asunción)

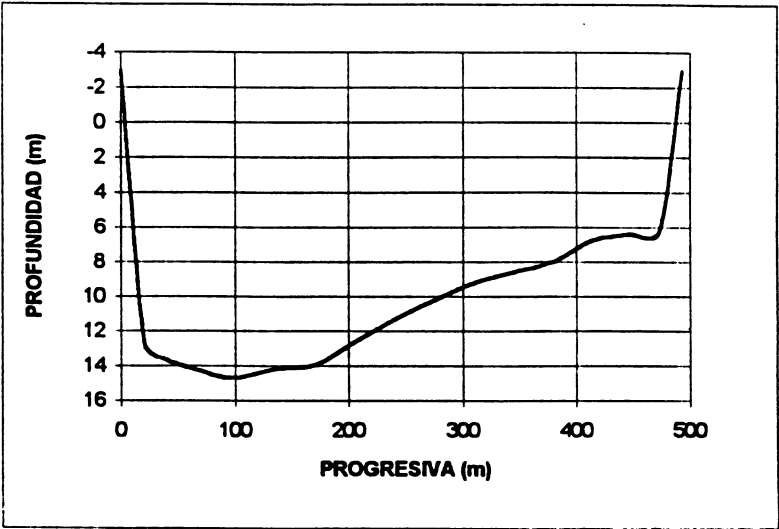
Rumbo	Este	Norte
98	248228	6736616
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.38	
10	8.09	
34	5.05	
68	3.83	
103	4.85	
138	5.15	
172	5.1	
207	5.76	
241	5.66	
275	5.86	
307	5.61	
339	5.76	
370	6.37	
401	6.27	
431	6.98	
461	7.48	
491	7.99	
520	8.29	
547	10.93	
574	10.22	
598	11.13	
621	11.33	
641	10.63	
661	-2.38	





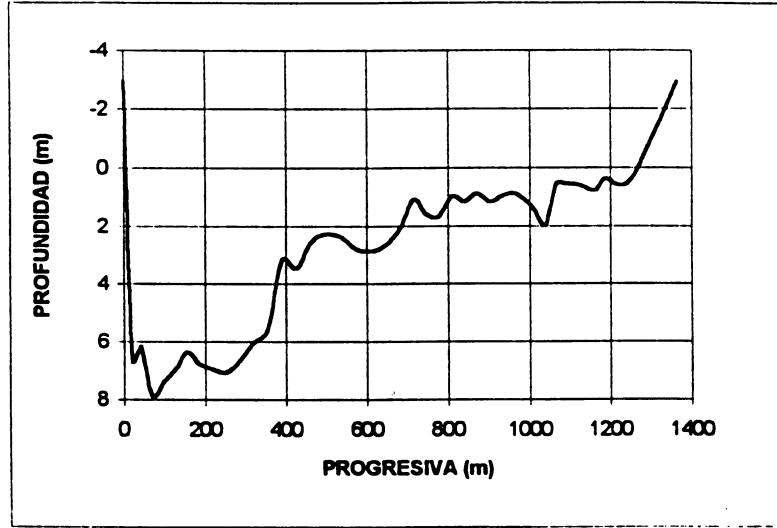
**CRUCE Km 1064**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
282	300645	6850365
Progresiva (m)	Profundidad (m)	
0	-2.94	
20	12.7	
37	13.6	
64	14.2	
98	14.7	
134	14.2	
170	13.95	
206	12.6	
241	11.3	
275	10.2	
310	9.2	
344	8.6	
379	8	
413	6.8	
446	6.4	
473	6.2	
493	-2.94	



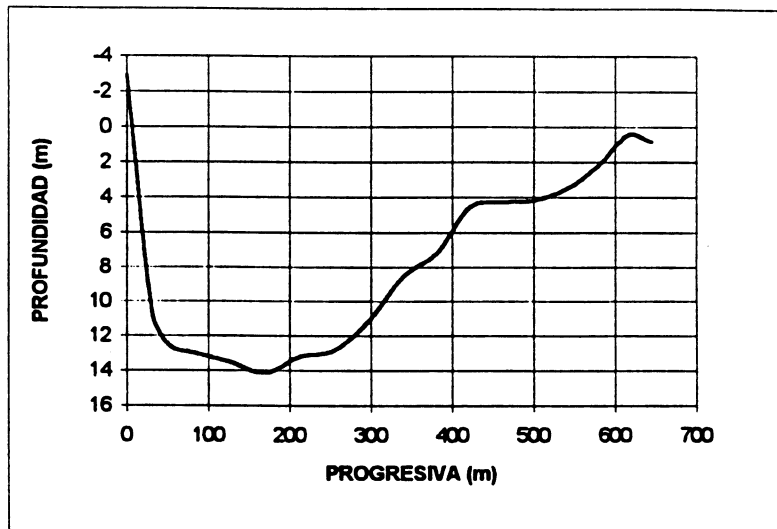
**CRUCE Km 1066**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
233	299615	6853519
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.93	
20	6.67	
41	6.17	
69	7.87	
99	7.37	
126	6.97	
155	6.37	
186	6.77	
219	6.97	
252	7.07	
285	6.67	
318	6.07	
354	5.57	
389	3.17	
425	3.47	
461	2.57	
496	2.27	
535	2.37	
572	2.77	
609	2.87	
646	2.67	
682	2.07	
714	1.07	
745	1.57	
776	1.67	
808	0.97	
839	1.17	
870	0.87	
901	1.17	
930	0.97	
959	0.87	
986	1.07	
1012	1.47	
1038	1.97	
1064	0.57	
1088	0.57	
1113	0.57	
1137	0.67	
1162	0.77	
1186	0.37	
1211	0.57	
1237	0.57	
1264	0.07	
1364	-2.93	



**CRUCE Km 1069**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
79	296469	6854728
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.91	
30	10.57	
51	12.53	
87	13.08	
127	13.54	
170	14.14	
212	13.23	
256	12.83	
298	11.12	
340	8.55	
381	7.19	
421	4.58	
460	4.27	
500	4.17	
539	3.52	
578	2.26	
615	0.45	
645	0.85	

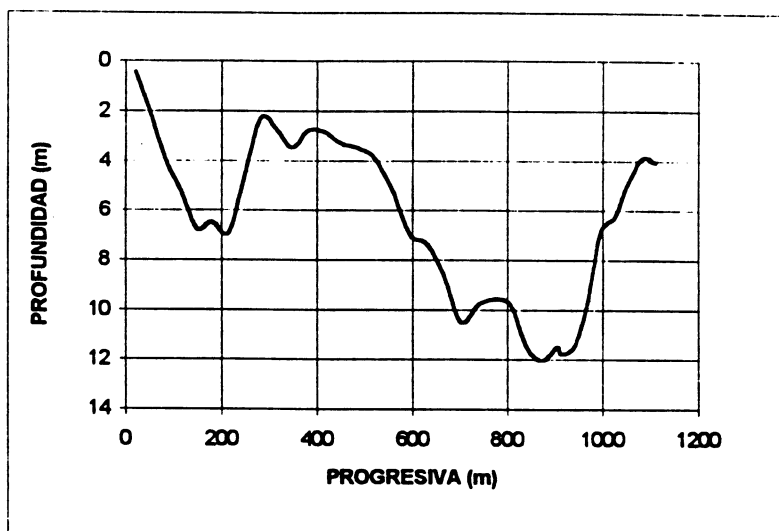


**CRUCE Km 1074**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
76	296032	6858864

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
-----------------------	------------------------

21	0.46
51	2.01
83	3.92
116	5.28
148	6.78
180	6.48
215	6.93
248	4.57
282	2.27
316	2.77
348	3.47
381	2.77
416	2.82
450	3.27
486	3.47
521	3.87
558	5.18
594	6.98
630	7.38
665	8.59
702	10.49
737	9.79
772	9.54
806	9.79
839	11.5
872	12.05
904	11.5
912	11.8
939	11.5
966	9.79
995	6.88
1024	6.28
1053	4.87
1083	3.87
1110	4.07

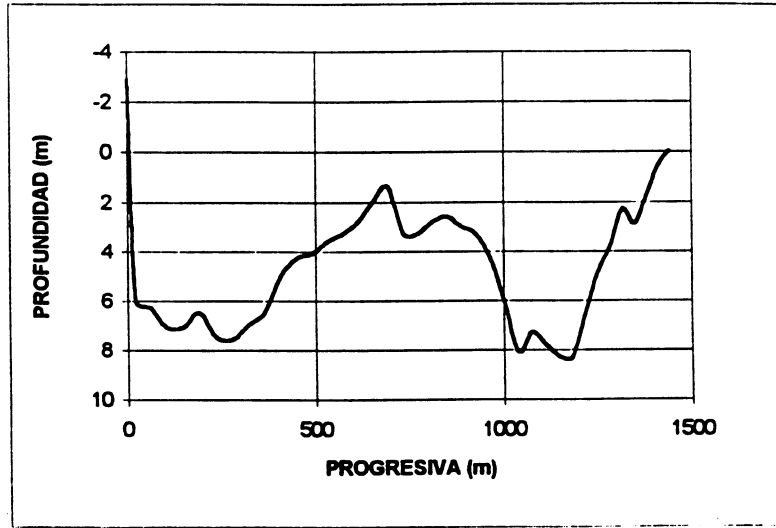


**CRUCE Km 1076**  
(Tramo Santa Fé - Asunción)

Rumbo                      Este                      Norte  
256                      297568                      6861627

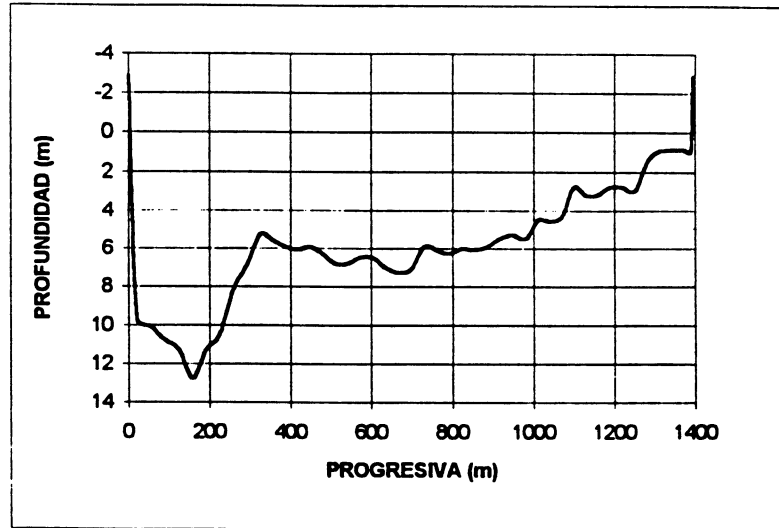
Progresiva (m)    Profundidad (m)

0	-2.87
20	5.97
59	6.27
102	7.07
146	7.07
189	6.47
233	7.47
277	7.57
320	6.97
363	6.47
407	4.97
448	4.27
490	4.07
532	3.57
573	3.27
613	2.77
653	1.97
693	1.37
733	3.27
771	3.27
810	2.77
848	2.57
886	2.97
924	3.27
963	4.27
1000	5.97
1038	8.07
1074	7.27
1110	7.77
1145	8.27
1180	8.27
1216	6.47
1248	4.87
1282	3.77
1315	2.27
1347	2.87
1378	1.77
1410	0.57
1440	-0.03



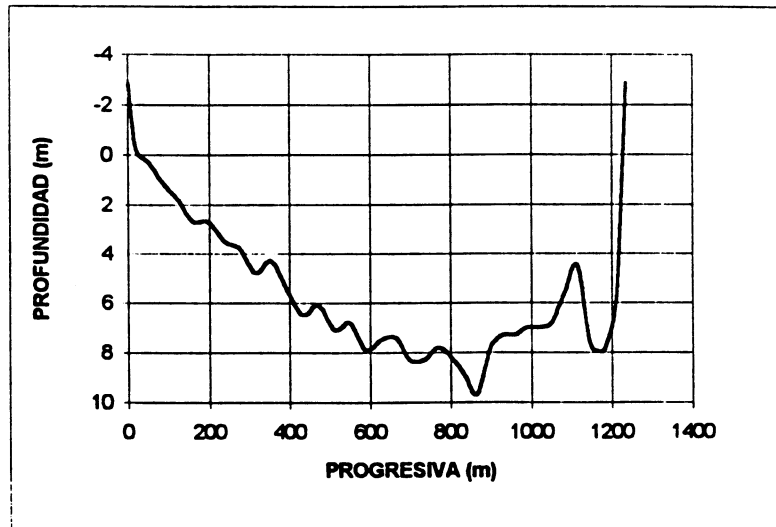
**CRUCE Km 1079**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
259	296491	6864774
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.85	
20	9.69	
53	10.09	
88	10.79	
123	11.29	
157	12.79	
191	11.29	
224	10.49	
257	8.19	
291	6.89	
324	5.29	
355	5.59	
386	5.89	
417	6.09	
448	5.89	
480	6.29	
510	6.79	
542	6.79	
573	6.49	
604	6.49	
634	6.99	
667	7.29	
698	7.09	
729	5.89	
760	6.09	
791	6.29	
822	5.99	
853	6.09	
885	5.89	
916	5.49	
947	5.29	
979	5.49	
1010	4.49	
1040	4.59	
1070	4.29	
1099	2.79	
1129	3.19	
1158	3.19	
1189	2.79	
1219	2.79	
1250	2.99	
1281	1.49	
1307	0.99	
1331	0.89	
1353	0.89	
1372	0.89	
1389	0.99	
1394	-2.85	



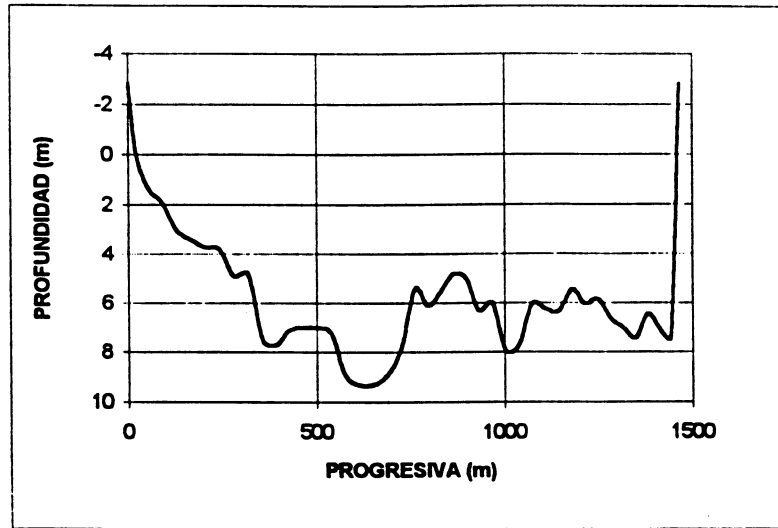
**CRUCE Km 1080**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
228	295266	6866224
<b>Progresiva (m)</b>	<b>Profundidad (m)</b>	
0	-2.85	
20	-0.21	
50	0.29	
85	1.09	
122	1.79	
160	2.69	
198	2.69	
237	3.49	
275	3.79	
314	4.79	
354	4.29	
393	5.49	
432	6.49	
472	6.09	
511	7.09	
550	6.79	
588	7.89	
626	7.49	
663	7.39	
699	8.29	
733	8.29	
767	7.79	
801	8.19	
833	8.89	
864	9.69	
897	7.79	
929	7.29	
958	7.29	
988	6.99	
1018	6.99	
1050	6.79	
1081	5.59	
1114	4.49	
1146	7.69	
1179	7.89	
1210	5.89	
1235	-2.85	



**CRUCE Km 1086**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
262	294315	6870335
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.81	
20	-0.07	
51	1.33	
88	1.93	
127	3.03	
165	3.43	
202	3.73	
241	3.83	
279	4.93	
317	4.83	
354	7.53	
390	7.73	
427	7.13	
464	7.03	
501	7.03	
538	7.23	
576	8.93	
612	9.33	
649	9.33	
687	8.93	
725	7.83	
761	5.43	
796	6.13	
830	5.53	
863	4.83	
897	5.03	
931	6.33	
966	6.03	
1001	7.93	
1037	7.73	
1072	6.05	
1107	6.25	
1143	6.35	
1178	5.46	
1213	6.05	
1248	5.85	
1282	6.64	
1316	7.04	
1349	7.44	
1381	6.45	
1412	7.04	
1441	7.44	
1466	-2.81	



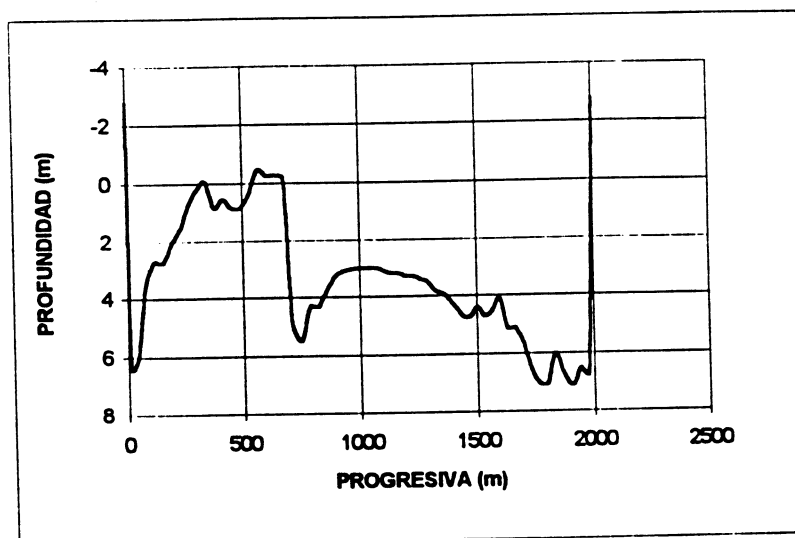


**CRUCE Km 1092**  
(Tramo Santa Fé - Asunción)

**Rumbo**      **Este**      **Norte**  
292      294432      6874665

Progresiva (m)   Profundidad (m)

0	-2.77
10	6.41
42	6.02
78	3.63
115	2.74
154	2.74
193	2.04
232	1.55
271	0.65
307	0.16
341	-0.04
376	0.85
414	0.55
454	0.85
490	0.85
528	0.35
564	-0.44
602	-0.24
639	-0.24
676	-0.14
709	4.92
746	5.52
785	4.33
821	4.33
855	3.83
889	3.33
921	3.14
953	3.04
984	3
1016	3
1047	3
1077	3
1108	3.11
1137	3.21
1167	3.21
1198	3.31
1228	3.31
1258	3.41
1288	3.51
1319	3.81
1350	3.91
1380	4.11
1410	4.41
1441	4.72
1471	4.72
1503	4.41
1534	4.72
1565	4.51
1597	4.11



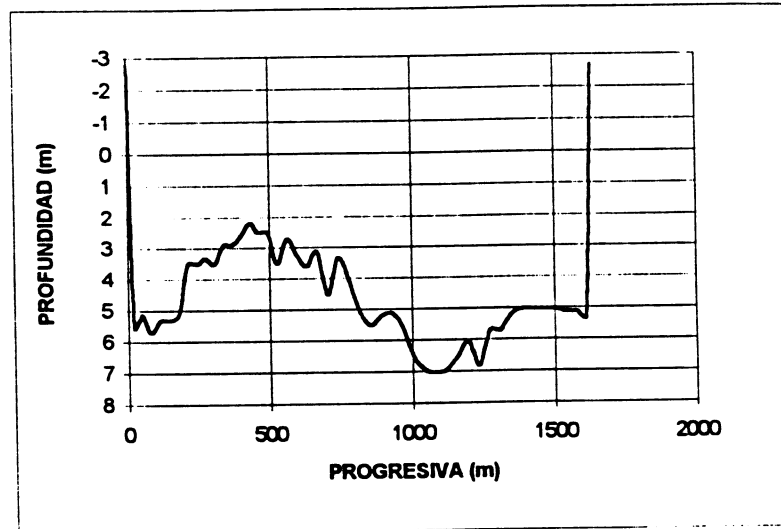
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1630	5.12
1662	5.12
1696	5.62
1730	6.53
1765	7.03
1799	7.03
1835	6.03
1871	6.73
1908	7.13
1944	6.53
1978	6.73
2003	-2.77

**CRUCE Km 1095**  
(Tramo Santa Fé - Asunción)

Rumbo            Este            Norte  
97                293910            6879461

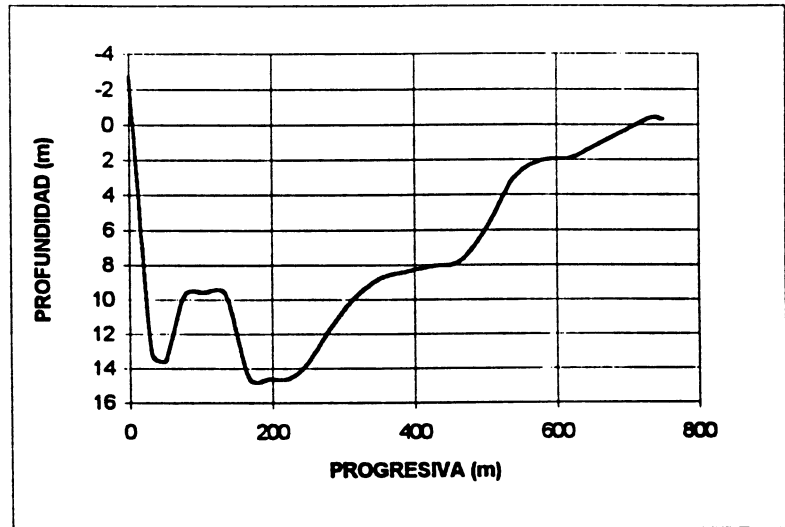
Progresiva (m)    Profundidad (m)

0	-2.76
20	5.53
47	5.13
78	5.73
112	5.33
146	5.33
179	5.13
211	3.52
243	3.52
274	3.32
305	3.52
336	2.91
367	2.91
398	2.61
430	2.21
461	2.51
493	2.51
526	3.52
561	2.71
595	3.22
630	3.62
666	3.12
703	4.52
741	3.32
778	4.02
814	5.03
853	5.53
891	5.23
931	5.13
969	5.63
1006	6.54
1044	6.94
1082	7.04
1120	6.94
1157	6.54
1196	6.04
1234	6.84
1270	5.73
1307	5.73
1345	5.23
1382	5.03
1422	5.03
1461	5.03
1501	5.03
1542	5.13
1580	5.13
1612	5.33
1632	-2.67



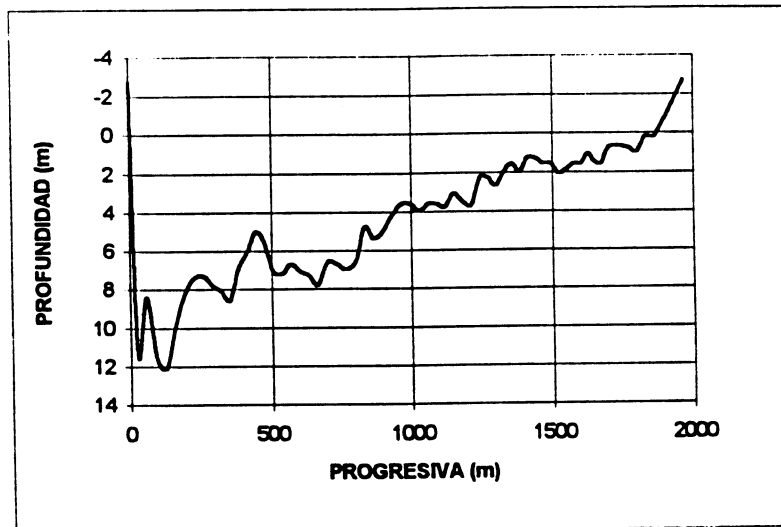
**CRUCE Km 1099**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
86	294758	6882899
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.73	
30	13.11	
49	13.62	
76	9.79	
105	9.59	
134	9.69	
167	14.62	
197	14.62	
224	14.62	
250	13.72	
280	11.8	
314	9.99	
351	8.78	
388	8.38	
426	8.08	
464	7.78	
503	5.76	
540	3.04	
580	2.04	
618	1.94	
658	1.13	
698	0.33	
734	-0.38	
750	-0.28	



**CRUCE Km 1103**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
121	296246	6886510
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.7	
25	11.33	
56	8.41	
92	11.63	
125	12.14	
160	9.82	
194	8.11	
226	7.4	
259	7.3	
290	7.81	
322	8.11	
353	8.61	
384	6.9	
415	5.99	
445	4.99	
475	5.59	
506	7.1	
538	7.2	
570	6.7	
603	7.1	
635	7.3	
666	7.81	
701	6.6	
733	6.7	
766	7	
800	6.6	
833	4.79	
866	5.39	
899	4.99	
932	4.18	
964	3.58	
997	3.58	
1028	3.98	
1059	3.58	
1089	3.58	
1119	3.78	
1149	3.07	
1181	3.48	
1213	3.68	
1243	2.27	
1271	2.27	
1300	2.67	
1329	1.97	
1357	1.56	
1385	1.97	
1412	1.26	
1440	1.26	
1467	1.56	
1495	1.56	



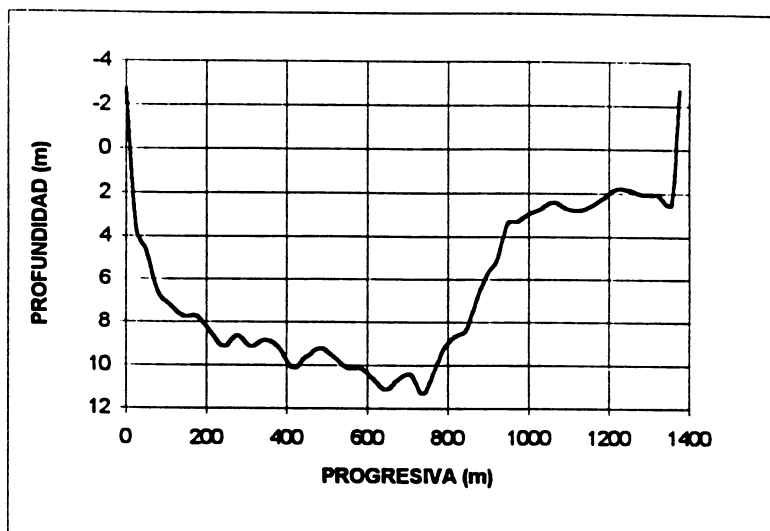
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1522	2.07
1548	1.87
1575	1.56
1601	1.56
1626	1.06
1650	1.46
1675	1.56
1699	0.76
1723	0.66
1747	0.66
1772	0.76
1801	0.96
1832	0.15
1864	0.15
1964	-2.7

**CRUCE Km 1107**  
(Tramo Santa Fé - Asunción)

**Rumbo**                      **Este**                      **Norte**  
27                              299354                      6885979

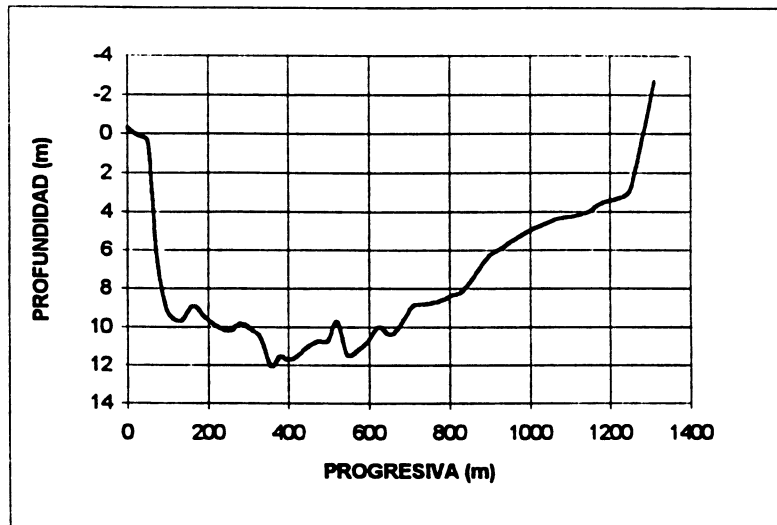
Progresiva (m)    Profundidad (m)

0	-2.68
25	3.6
51	4.71
80	6.62
111	7.22
143	7.73
176	7.73
209	8.43
244	9.14
277	8.63
311	9.14
345	8.83
379	9.14
415	10.14
449	9.64
484	9.24
518	9.64
551	10.14
584	10.14
615	10.65
647	11.15
677	10.65
707	10.44
736	11.35
764	10.34
792	9.14
821	8.63
846	8.33
872	6.92
897	5.71
920	5.11
946	3.4
970	3.3
995	2.99
1020	2.79
1032	2.69
1062	2.39
1091	2.69
1121	2.79
1153	2.59
1187	2.19
1220	1.79
1254	1.89
1288	2.09
1322	2.09
1355	2.49
1375	-2.68



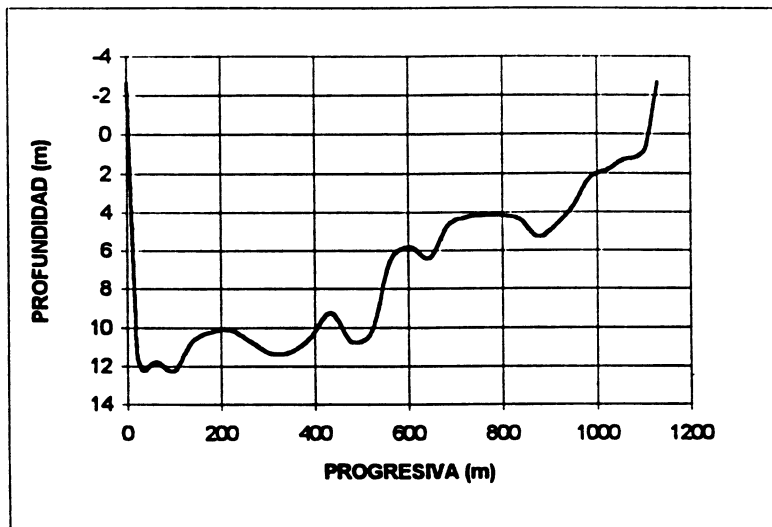
**CRUCE Km 1109**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
156	301402	6886303
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-0.31	
27	0.1	
51	0.4	
72	6.28	
97	9.12	
130	9.73	
162	8.92	
193	9.52	
223	10.03	
252	10.23	
280	9.83	
307	10.13	
331	10.64	
355	12.06	
379	11.55	
402	11.75	
426	11.45	
449	11.04	
473	10.74	
498	10.74	
521	9.73	
546	11.45	
571	11.25	
597	10.74	
624	10.03	
652	10.44	
680	9.83	
708	8.92	
738	8.82	
769	8.71	
800	8.41	
832	8.11	
865	7.19	
898	6.28	
932	5.88	
967	5.37	
1000	4.96	
1035	4.66	
1070	4.36	
1105	4.25	
1142	4.05	
1179	3.54	
1218	3.34	
1250	2.84	
1310	-2.67	



**CRUCE Km 1112**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
356	305321	6885239
<b>Progresiva (m)</b>	<b>Profundidad (m)</b>	
0	-2.65	
20	11.37	
33	12.28	
61	11.77	
98	12.28	
137	10.76	
178	10.25	
220	10.15	
264	10.76	
306	11.37	
349	11.27	
392	10.46	
435	9.24	
479	10.76	
521	10.25	
562	6.5	
603	5.79	
644	6.4	
684	4.68	
723	4.27	
762	4.17	
800	4.17	
838	4.38	
875	5.29	
912	4.68	
949	3.67	
985	2.25	
1021	1.84	
1056	1.33	
1087	1.13	
1106	0.63	
1131	-2.65	



**CRUCE Km 1117**  
(Tramo Santa Fé - Asunción)

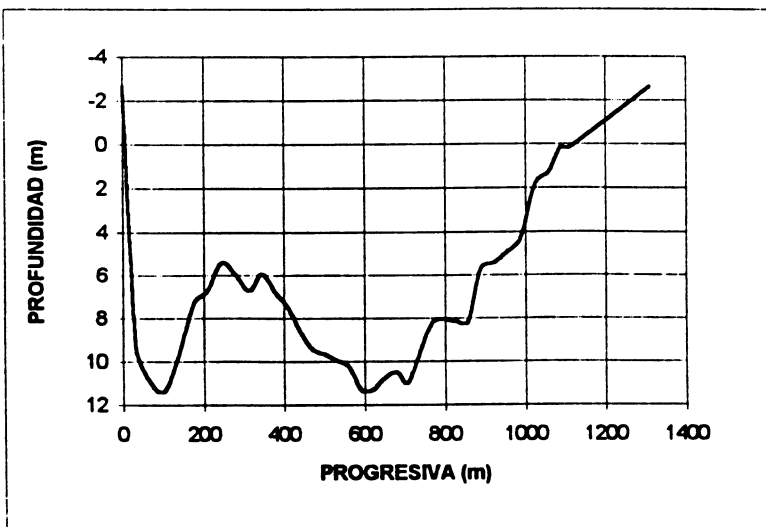
**Rumbo**  
141

**Este**  
308307

**Norte**  
6887683

Progresiva (m)    Profundidad (m)

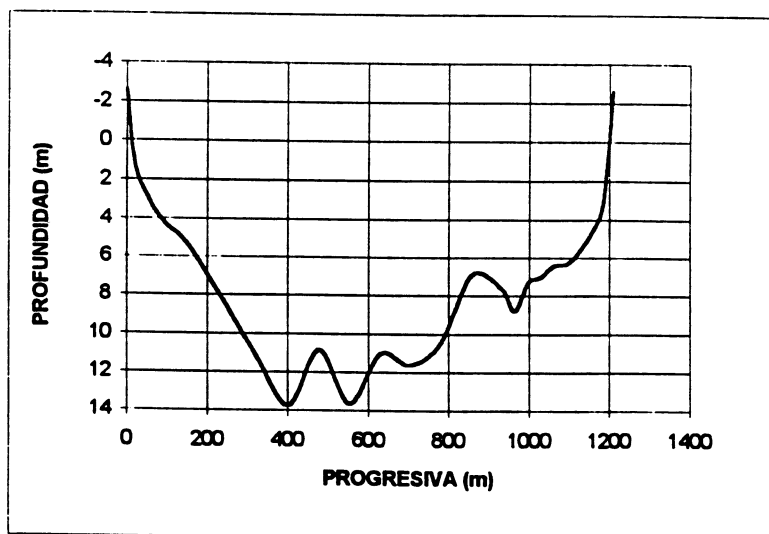
0	-2.62
30	9.27
61	10.79
100	11.4
137	9.78
174	7.34
209	6.74
244	5.42
278	5.93
312	6.74
345	5.93
379	6.84
410	7.55
441	8.66
472	9.47
503	9.68
533	9.98
562	10.28
591	11.3
619	11.3
648	10.79
678	10.49
706	10.99
736	9.57
766	8.26
796	8.05
825	8.16
856	8.16
887	5.72
921	5.42
954	4.91
987	4.3
1023	1.87
1059	1.26
1088	0.15
1110	0.15
1310	-2.62





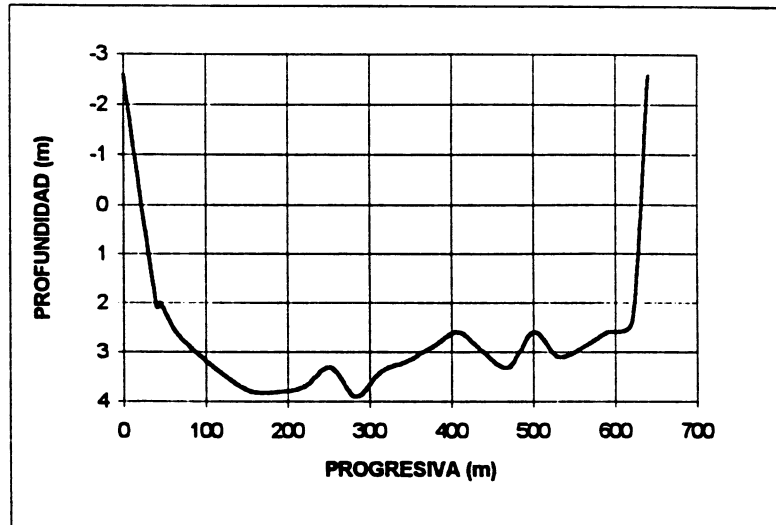
**CRUCE Km 1123**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
121	312065	6891388
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.58	
20	1.18	
57	3.09	
97	4.3	
137	5.01	
176	6.11	
250	8.63	
327	11.35	
402	13.77	
478	10.85	
553	13.67	
629	11.05	
704	11.65	
781	10.44	
856	6.92	
932	7.62	
964	8.83	
997	7.32	
1030	7.02	
1061	6.42	
1094	6.32	
1126	5.61	
1157	4.6	
1184	3.09	
1209	-2.58	



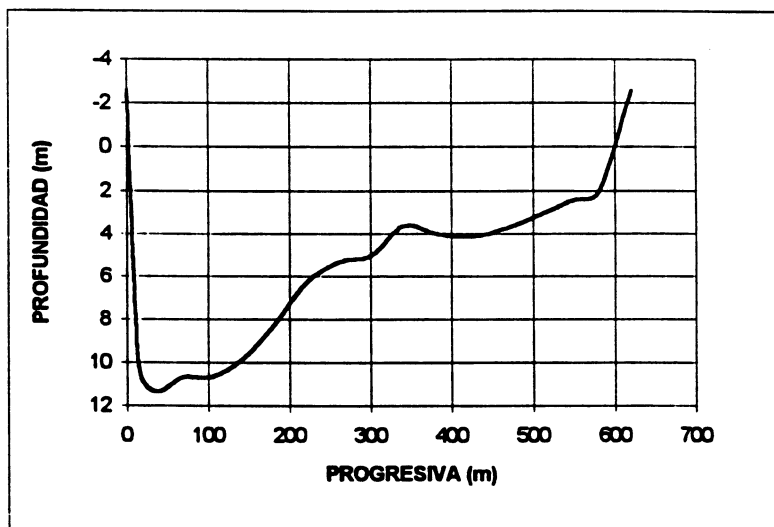
**CRUCE Km 1125**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
92	312999	6895126
<b>Progresiva (m)</b>	<b>Profundidad (m)</b>	
0	-2.57	
40	2.1	
44	2	
63	2.6	
94	3.1	
125	3.51	
156	3.81	
188	3.81	
220	3.71	
252	3.31	
283	3.91	
313	3.41	
344	3.2	
376	2.9	
407	2.6	
438	3	
469	3.31	
500	2.6	
530	3.1	
561	2.9	
590	2.6	
620	2.4	
640	-2.57	



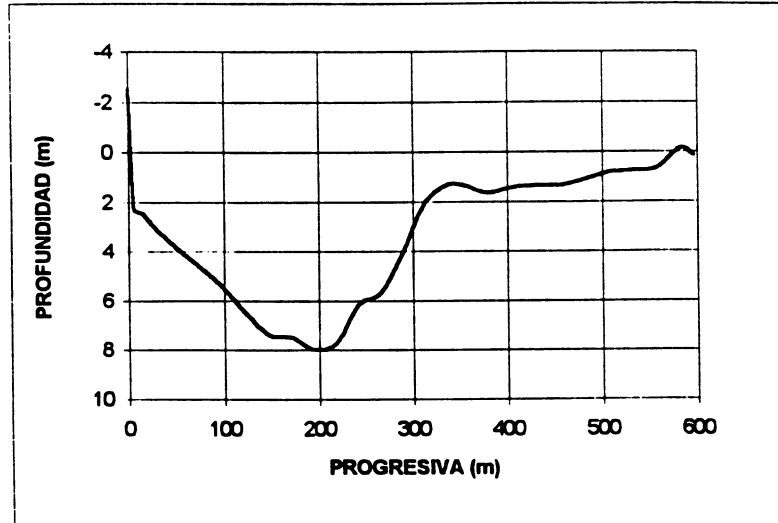
**CRUCE Km 1129**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
267	314938	6900311
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.55	
10	7.45	
16	10.57	
37	11.38	
68	10.68	
104	10.68	
142	9.87	
181	8.26	
220	6.35	
261	5.34	
301	5.04	
341	3.63	
383	4.03	
425	4.13	
467	3.73	
508	3.12	
549	2.42	
580	2.02	
620	-2.55	



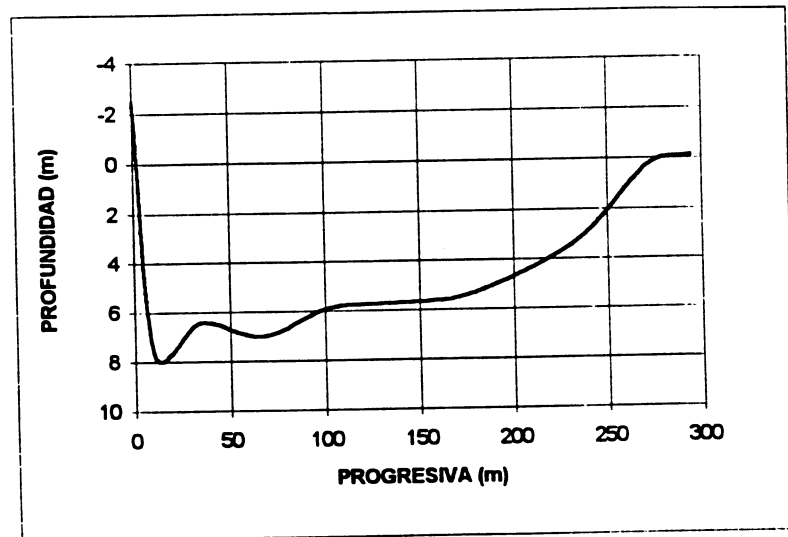
**CRUCE Km 1135**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
94	314828	6904110
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.51	
5	2.26	
14	2.46	
30	3.16	
50	3.87	
72	4.57	
96	5.38	
122	6.49	
147	7.39	
171	7.49	
195	8	
219	7.69	
242	6.18	
266	5.68	
288	4.17	
311	2.16	
334	1.35	
355	1.35	
378	1.65	
401	1.45	
425	1.35	
451	1.35	
477	1.15	
503	0.85	
529	0.75	
557	0.65	
582	-0.16	
596	0.14	



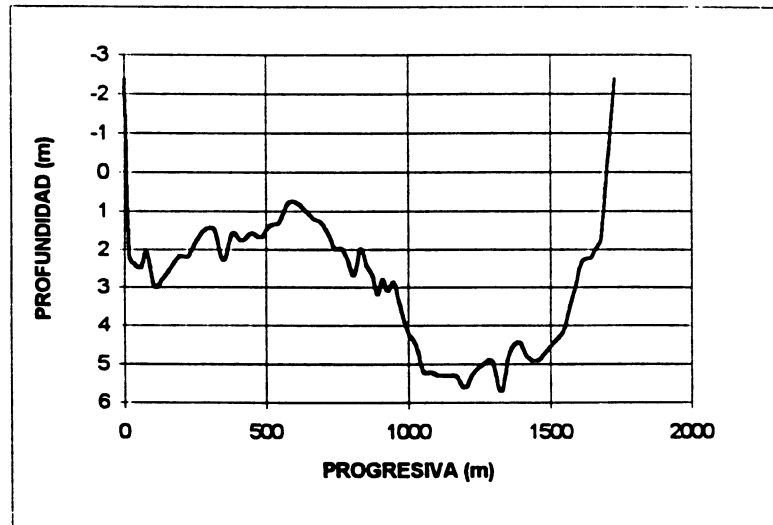
**CRUCE Km 1140**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
106	315450	6905591
Progresiva (m)	Profundidad (m)	
0	-2.48	
10	7.72	
34	6.42	
67	7.02	
102	5.91	
138	5.71	
171	5.51	
205	4.5	
238	2.99	
271	0.27	
294	-0.13	



**CRUCE Km 1143**  
(Tramo Santa Fé - Asunción)

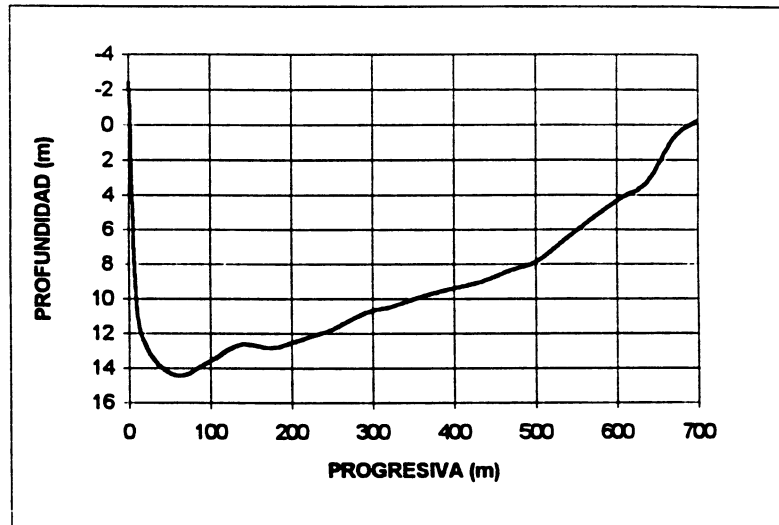
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
279	318868	6908443
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.38	
15	2.19	
35	2.39	
57	2.49	
79	2.09	
105	2.99	
133	2.79	
162	2.49	
191	2.19	
222	2.19	
252	1.78	
284	1.48	
315	1.48	
347	2.29	
380	1.58	
413	1.78	
447	1.58	
480	1.68	
513	1.38	
546	1.28	
577	0.78	
608	0.78	
638	0.98	
666	1.18	
693	1.28	
719	1.58	
742	1.99	
766	1.99	
789	2.29	
810	2.69	
833	1.99	
854	2.39	
875	2.69	
892	3.19	
909	2.79	
928	3.09	
951	2.89	
974	3.6	
1000	4.2	
1027	4.5	
1053	5.21	
1079	5.21	
1107	5.31	
1137	5.31	
1167	5.31	
1197	5.61	
1229	5.21	
1260	5.02	
1291	4.92	



<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1324	5.71
1355	4.72
1387	4.42
1418	4.82
1450	4.92
1481	4.72
1513	4.42
1546	4.12
1579	3.23
1611	2.33
1641	2.23
1663	1.94
1679	1.74
1729	-2.38

**CRUCE Km 1147**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
87	316872	6912731
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.38	
10	10.85	
28	13.36	
61	14.47	
98	13.66	
137	12.66	
175	12.86	
214	12.36	
252	11.75	
289	10.85	
326	10.44	
362	9.84	
397	9.44	
432	9.03	
466	8.43	
502	7.82	
537	6.52	
570	5.31	
604	4.2	
637	3.29	
670	0.78	
698	-0.23	

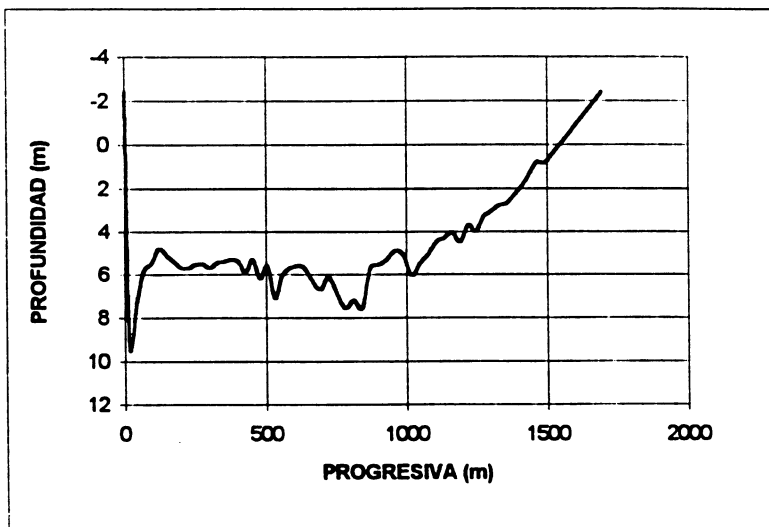


**CRUCE Km 1150**  
(Tramo Santa Fé - Asunción)

**Rumbo**                      **Este**                      **Norte**  
98                              317837                      6916222

Progresiva (m)    Profundidad (m)

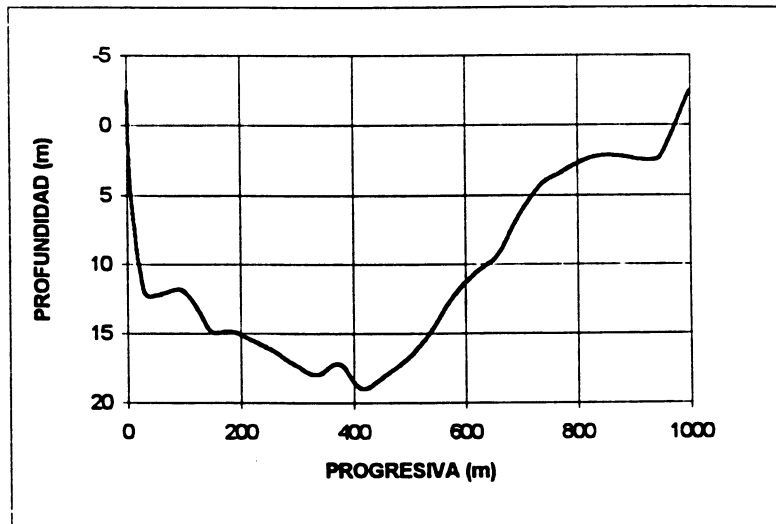
0	-2.39
15	9.32
41	7.31
67	5.8
93	5.5
120	4.79
147	5.1
173	5.4
200	5.7
226	5.7
250	5.55
275	5.5
300	5.7
325	5.45
350	5.4
376	5.3
401	5.4
427	5.9
453	5.3
479	6.2
505	5.6
532	7.11
561	6
608	5.6
637	5.7
665	6.3
694	6.71
723	6.1
753	6.91
782	7.56
812	7.21
842	7.56
871	5.7
901	5.55
930	5.3
961	4.89
989	5.1
1017	6.05
1047	5.5
1076	5.05
1104	4.49
1133	4.29
1162	4.04
1191	4.49
1219	3.69
1246	3.99
1274	3.28
1301	3.03
1328	2.78





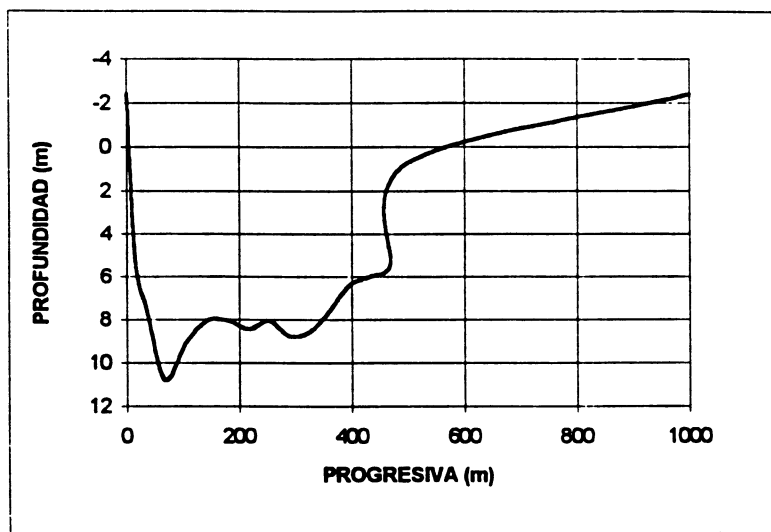
**CRUCE Km 1155**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
275	321298	6919618
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.39	
5	4.54	
30	12.04	
61	12.14	
94	11.84	
120	13.05	
148	14.86	
183	14.86	
219	15.47	
256	16.27	
295	17.28	
334	17.98	
374	17.18	
412	18.99	
453	18.13	
495	16.88	
536	14.96	
576	12.45	
616	10.68	
656	9.32	
694	6.46	
733	4.29	
770	3.38	
807	2.58	
845	2.18	
881	2.28	
917	2.48	
948	2.18	
998	-2.39	



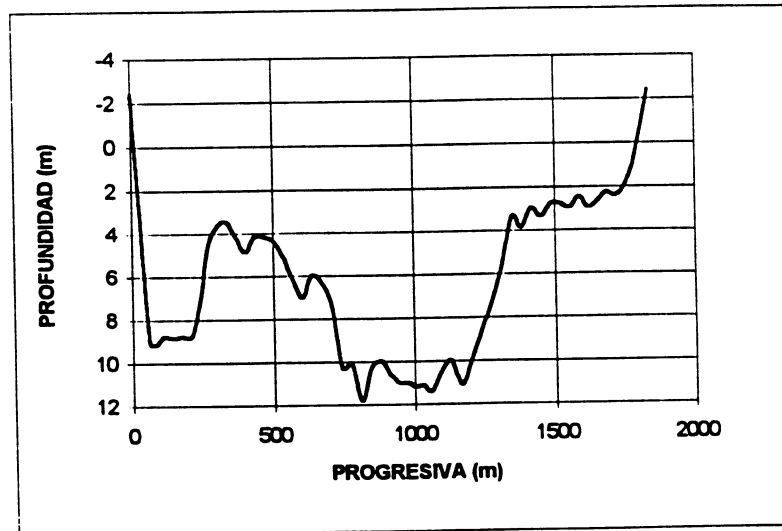
**CRUCE Km 1160**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 281	<b>Este</b> 322428	<b>Norte</b> 6922891
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.39	
15	5.49	
35	7.54	
67	10.8	
105	9.07	
142	8.05	
179	8.05	
217	8.45	
253	8.05	
289	8.76	
325	8.56	
360	7.64	
396	6.41	
432	6.01	
467	5.49	
500	0.7	
1000	-2.39	



**CRUCE Km 1163**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
262	322149	6926629
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.39	
60	9.07	
82	9.17	
110	8.76	
142	8.86	
175	8.76	
207	8.76	
239	7.23	
271	4.47	
303	3.66	
335	3.45	
368	4.17	
400	4.88	
433	4.17	
466	4.17	
500	4.37	
533	5.09	
566	6.11	
601	7.03	
635	6.01	
670	6.31	
705	7.33	
739	10.29	
774	10.09	
809	11.82	
844	10.29	
879	9.98	
913	10.6	
946	11.01	
975	11.01	
1002	11.21	
1031	11.11	
1060	11.41	
1094	10.49	
1129	9.98	
1166	11.11	
1202	9.98	
1238	8.56	
1275	7.23	
1311	5.6	
1348	3.35	
1381	3.86	
1416	2.94	
1451	3.35	
1485	2.74	
1519	2.74	
1553	2.94	
1587	2.43	
1619	2.94	



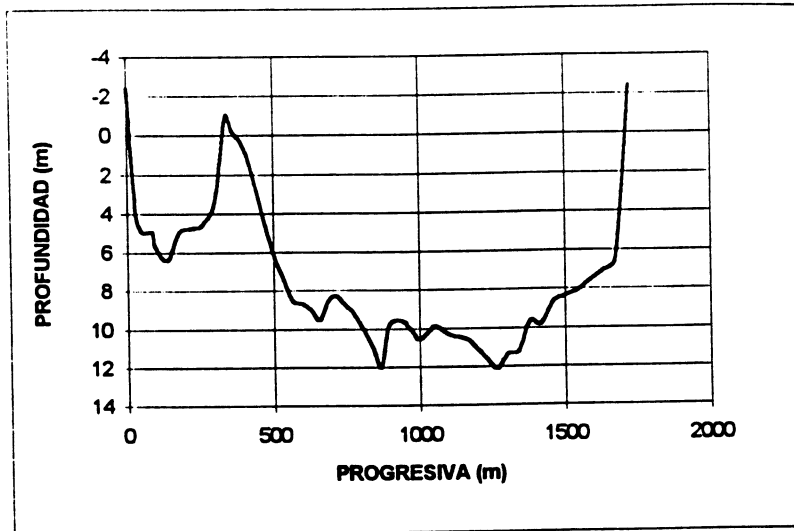
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1651	2.64
1683	2.23
1713	2.43
1744	2.03
1774	1.11
1834	-2.39

**CRUCE Km 1168**  
(Tramo Santa Fé - Asunción)

Rumbo      Este      Norte  
75      320252      6931172

Progresiva (m)    Profundidad (m)

0	-2.4
30	4.26
51	4.97
85	4.97
94	5.69
135	6.4
176	4.97
216	4.77
257	4.57
298	3.44
336	-0.94
358	-0.23
381	0.18
402	0.79
426	1.91
458	3.85
495	6
530	7.27
564	8.55
596	8.7
628	9.06
657	9.57
685	8.55
713	8.29
739	8.65
766	9.06
791	9.67
817	10.33
843	11.1
868	12.02
893	9.87
919	9.57
945	9.67
971	10.08
997	10.59
1024	10.28
1051	9.87
1078	10.08
1107	10.38
1137	10.48
1168	10.64
1200	11.1
1232	11.61
1266	12.12
1302	11.35
1339	11.2
1377	9.67
1416	9.82
1458	8.65



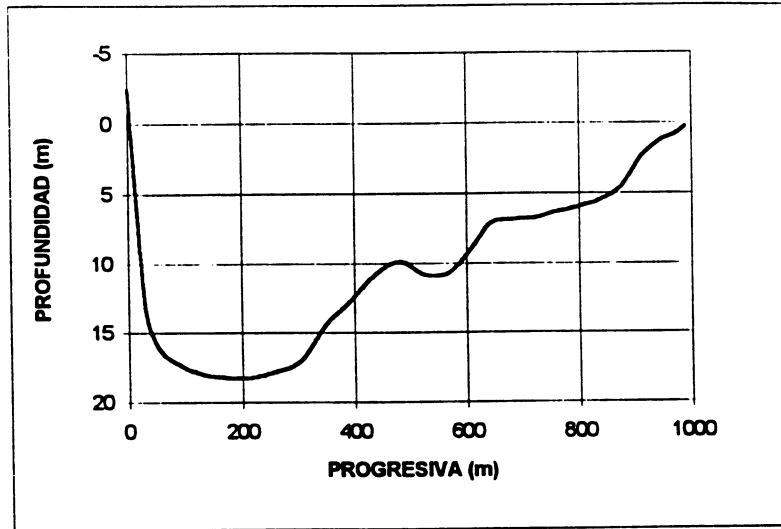
Progresiva (m)    Profundidad (m)

1500	8.34
1544	8.04
1588	7.53
1633	7.02
1672	6.51
1722	-2.4

**CRUCE Km 1171**  
(Tramo Santa Fé - Asunción)

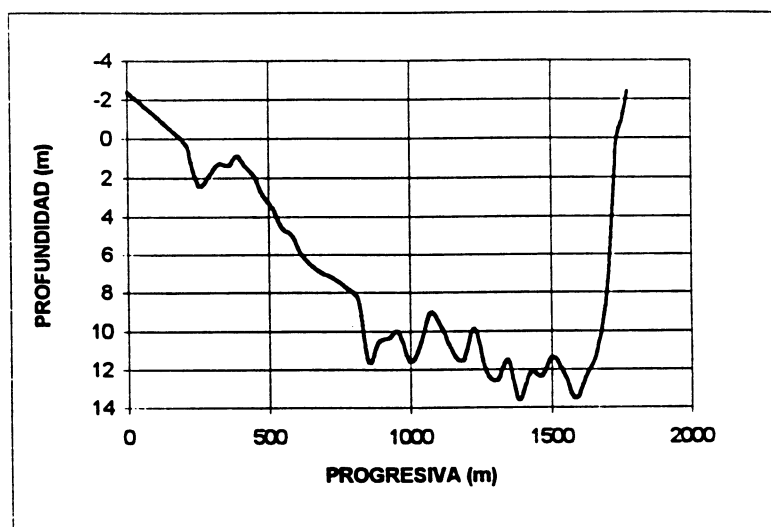
Rumbo                      Este                      Norte  
249                      321558                      6934354

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
0	-2.4
30	13.34
54	16.2
92	17.42
130	18.04
172	18.24
215	18.24
260	17.83
304	17.02
348	14.46
393	12.73
437	10.84
481	9.87
525	10.84
569	10.69
613	8.65
642	7.12
681	6.81
720	6.76
760	6.3
798	6
836	5.48
874	4.57
910	2.42
943	1.3
971	0.79
988	0.28



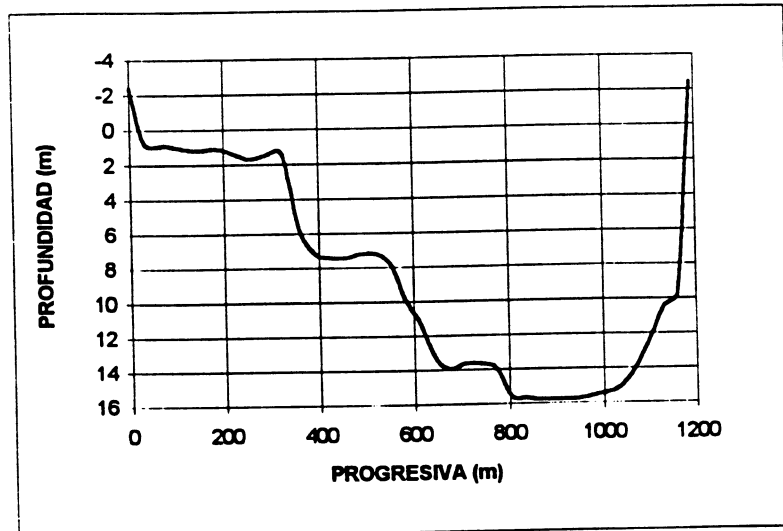
**CRUCE Km 1175**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
60	319429	6937134
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.4	
200	0.18	
222	1.1	
254	2.42	
289	1.91	
323	1.3	
356	1.4	
388	0.89	
416	1.4	
448	1.91	
481	2.93	
514	3.55	
548	4.57	
581	4.97	
613	5.89	
647	6.51	
680	6.91	
713	7.12	
747	7.42	
781	7.83	
816	8.39	
851	11.61	
887	10.59	
923	10.38	
959	10.08	
997	11.61	
1035	10.69	
1071	9.06	
1110	9.82	
1148	11.1	
1187	11.51	
1226	9.87	
1266	12.12	
1305	12.63	
1345	11.51	
1384	13.65	
1424	12.12	
1463	12.37	
1504	11.35	
1544	12.22	
1584	13.55	
1623	12.32	
1661	11.1	
1700	7.63	
1734	0.18	
1755	-0.94	
1775	-2.4	



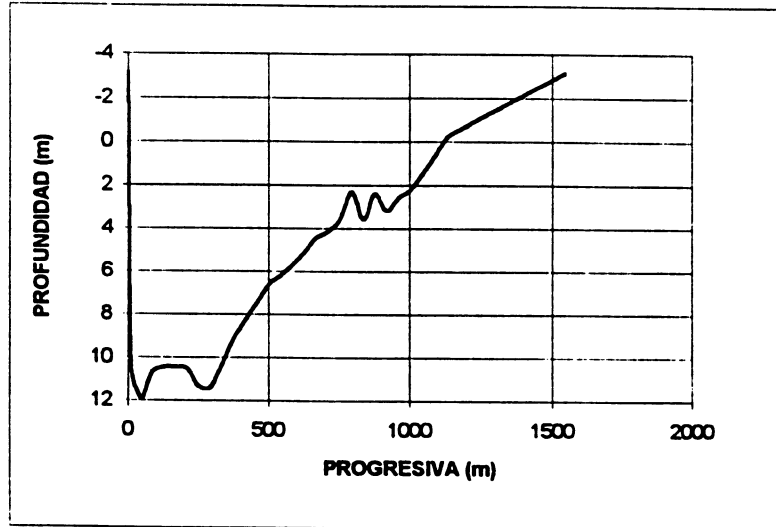
**CRUCE Km 1179**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
248	319381	6940496
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.4	
25	0.48	
42	1	
74	0.89	
110	1.1	
147	1.2	
183	1.1	
219	1.4	
254	1.71	
288	1.51	
323	1.4	
358	5.79	
392	7.22	
426	7.42	
458	7.42	
489	7.22	
520	7.22	
551	7.83	
582	9.87	
612	11.2	
644	13.34	
676	13.95	
707	13.65	
739	13.65	
772	13.95	
804	15.59	
835	15.69	
867	15.79	
898	15.79	
930	15.79	
964	15.69	
997	15.48	
1031	15.18	
1065	14.16	
1098	12.42	
1132	10.38	
1161	9.67	
1191	-2.4	



**CRUCE Km 797**  
(Tramo Santa Fé - Asunción)

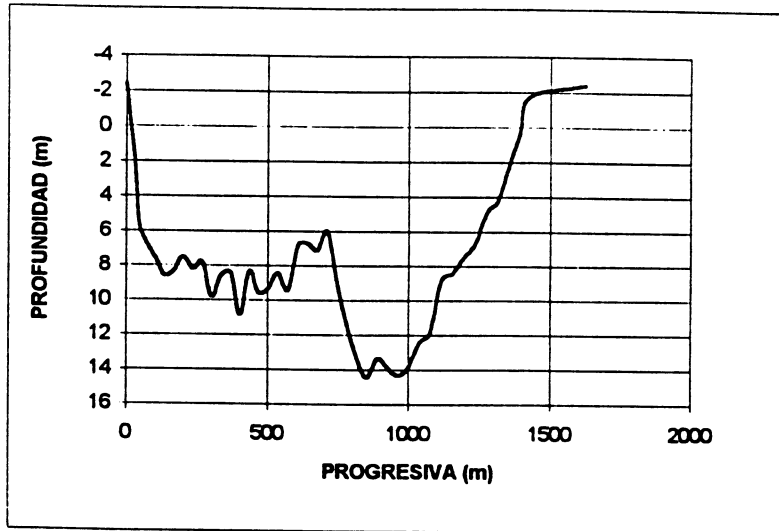
<b>Rumbo</b> 70	<b>Este</b> 240593	<b>Norte</b> 6628458
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.13	
10	10.55	
45	11.93	
84	10.75	
126	10.45	
168	10.45	
209	10.55	
250	11.34	
291	11.44	
331	10.45	
374	9.18	
415	8.3	
457	7.51	
500	6.63	
542	6.24	
584	5.75	
626	5.16	
670	4.47	
712	4.18	
754	3.59	
796	2.32	
837	3.59	
878	2.41	
920	3.2	
961	2.61	
1002	2.22	
1037	1.63	
1075	0.94	
1112	0.16	
1147	-0.33	
1547	-3.13	





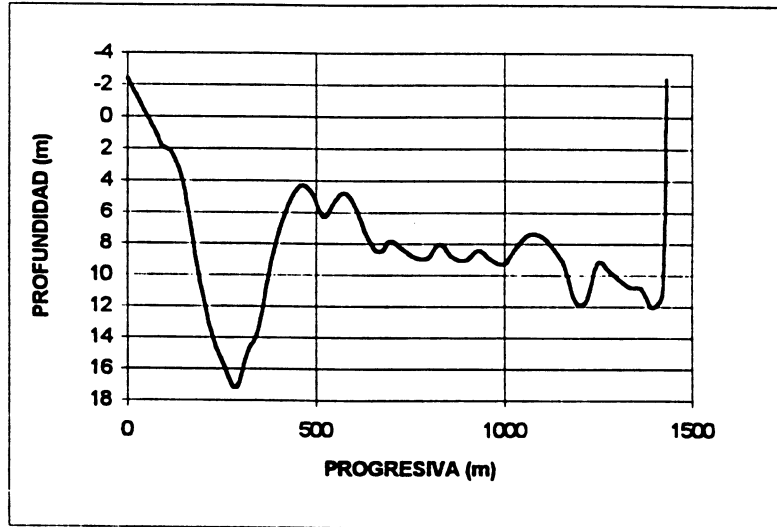
**CRUCE Km 925**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
62	248793	6739354
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.39	
30	2.03	
46	5.6	
73	6.71	
103	7.56	
135	8.62	
168	8.32	
202	7.51	
236	8.22	
269	7.81	
301	9.83	
335	8.62	
369	8.42	
403	10.84	
436	8.32	
469	9.58	
503	9.32	
537	8.42	
574	9.43	
608	6.81	
643	6.71	
678	7.11	
713	6	
749	9.02	
783	11.44	
819	13.35	
854	14.46	
890	13.35	
926	13.86	
962	14.36	
1000	13.86	
1037	12.45	
1076	11.84	
1115	8.82	
1155	8.42	
1195	7.51	
1235	6.71	
1275	4.89	
1316	4.19	
1356	2.08	
1394	0.26	
1426	-1.75	
1626	-2.39	



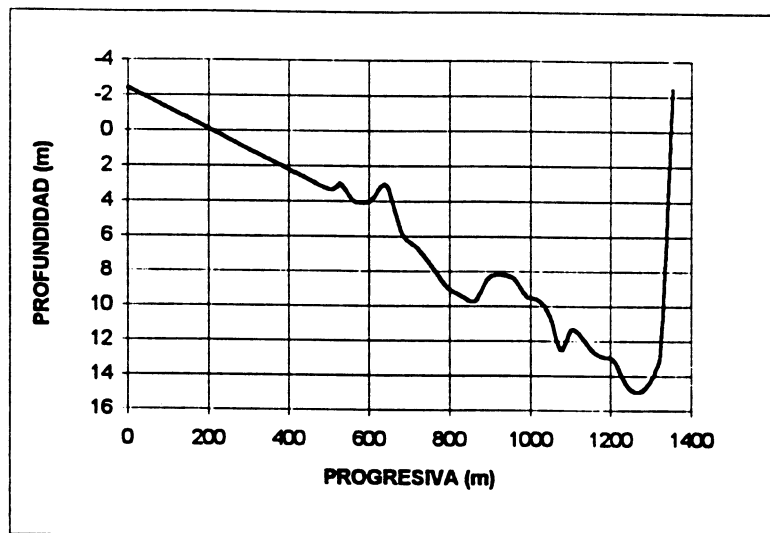
**CRUCE Km 926**  
(Tramo Santa Fé - Asunción)

Rumbo 258	Este 249595	Norte 6741001
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.39	
80	1.27	
82	1.48	
92	1.88	
116	2.28	
148	4.25	
183	9.34	
218	13.37	
253	15.69	
287	17.2	
318	14.88	
347	13.47	
376	9.74	
406	6.92	
436	5	
464	4.3	
492	4.9	
520	6.32	
549	5.31	
578	4.8	
608	5.81	
637	7.63	
668	8.53	
698	7.83	
728	8.33	
760	8.84	
794	8.94	
827	8.03	
862	8.84	
896	9.04	
930	8.43	
964	8.99	
998	9.29	
1031	8.2	
1065	7.4	
1098	7.5	
1129	8.3	
1159	9.39	
1189	11.68	
1218	11.58	
1248	9.19	
1277	9.69	
1307	10.29	
1336	10.79	
1365	10.88	
1393	12.08	
1422	11.18	
1432	-2.39	



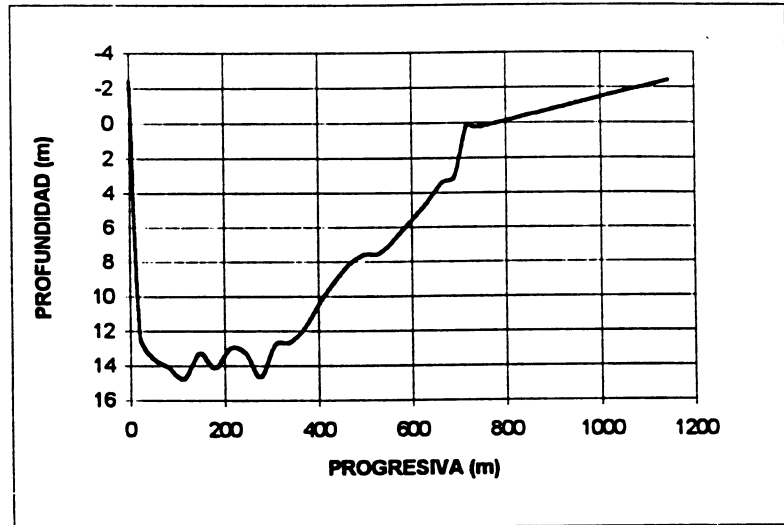
**CRUCE Km 928**  
(Tramo Santa Fé - Asunción)

Rumbo 267	Este 247906	Norte 6743144
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.4	
500	3.31	
528	3.01	
564	4.01	
603	4.01	
643	3.11	
682	5.82	
721	6.72	
758	7.82	
794	8.93	
828	9.43	
862	9.73	
895	8.43	
927	8.22	
959	8.43	
990	9.43	
1019	9.63	
1047	10.53	
1076	12.54	
1102	11.34	
1128	11.74	
1154	12.54	
1181	12.94	
1209	13.14	
1238	14.45	
1267	14.95	
1298	14.35	
1324	12.64	
1354	-2.4	



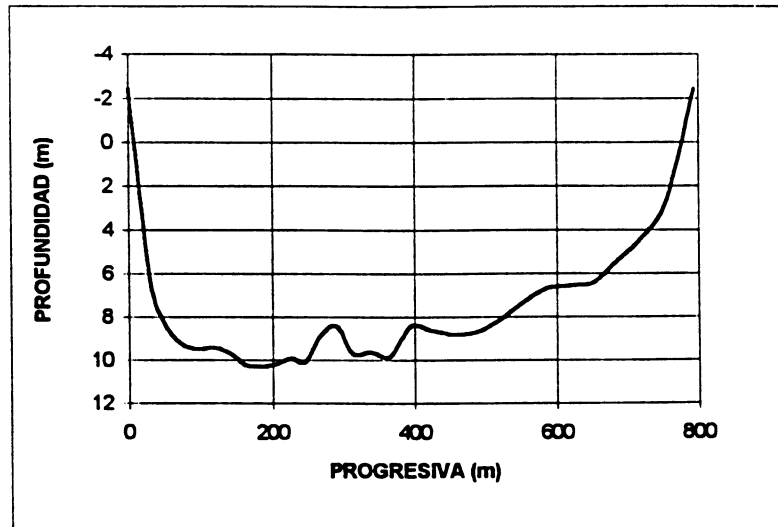
**CRUCE Km 930**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
90	246591	6745108
Progresiva (m)	Profundidad (m)	
0	-2.4	
20	12.29	
48	13.59	
80	14.09	
113	14.79	
146	13.29	
178	14.19	
211	12.99	
244	13.29	
276	14.69	
307	12.79	
338	12.69	
371	11.79	
403	10.39	
434	9.19	
466	8.19	
498	7.59	
531	7.54	
564	6.69	
597	5.69	
631	4.59	
664	3.39	
691	3.04	
716	0.19	
733	0.24	
745	0.24	
1145	-2.4	



**CRUCE Km 936**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
17	250612	6747407
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.42	
30	6.52	
48	8.22	
71	9.22	
95	9.52	
118	9.42	
141	9.72	
161	10.22	
182	10.32	
203	10.22	
225	9.92	
245	10.12	
266	8.92	
290	8.42	
313	9.72	
338	9.62	
366	9.82	
394	8.42	
424	8.62	
454	8.82	
485	8.72	
516	8.22	
549	7.42	
583	6.72	
617	6.57	
651	6.42	
685	5.42	
718	4.42	
754	2.72	
794	-2.42	

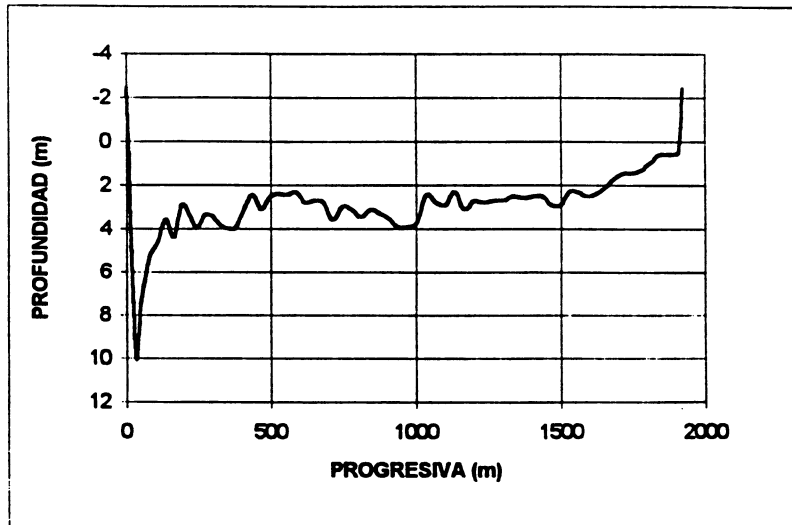


**CRUCE Km 939**  
(Tramo Santa Fé - Asunción)

**Rumbo**                      **Este**                      **Norte**  
**100**                      **254249**                      **6751466**

Progresiva (m)    Profundidad (m)

0	-2.43
30	9.81
50	7.41
78	5.31
107	4.61
135	3.56
162	4.41
190	2.91
217	3.41
243	4.01
268	3.41
295	3.41
322	3.81
350	4.01
378	3.91
406	3.11
436	2.46
465	3.11
494	2.61
523	2.41
553	2.46
584	2.31
616	2.81
647	2.71
680	2.81
713	3.61
746	2.96
779	3.11
812	3.46
846	3.11
879	3.31
905	3.51
937	3.91
970	3.91
1003	3.71
1036	2.46
1069	2.81
1101	2.91
1133	2.31
1165	3.11
1199	2.71
1232	2.81
1266	2.71
1300	2.71
1334	2.51
1369	2.61
1403	2.51
1436	2.51
1467	2.91



Progresiva (m)    Profundidad (m)

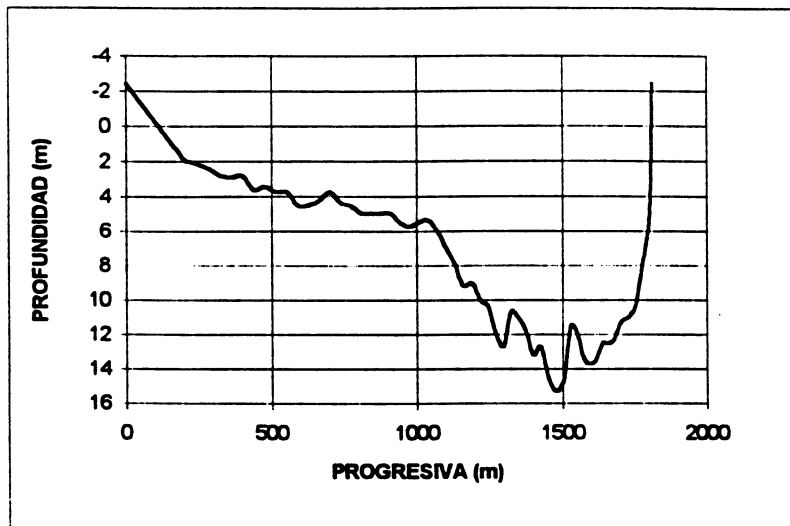
1498	2.91
1528	2.31
1559	2.31
1590	2.51
1622	2.41
1653	2.11
1685	1.71
1716	1.46
1748	1.46
1779	1.31
1811	0.96
1843	0.61
1876	0.61
1909	0.47
1924	-2.43

**CRUCE Km 942**  
(Tramo Santa Fé - Asunción)

**Rumbo**                      **Este**                      **Norte**  
305                              257075                      6754030

Progresiva (m)    Profundidad (m)

0	-2.44
200	1.93
219	2.03
250	2.23
287	2.48
323	2.83
361	2.93
399	2.83
438	3.64
475	3.44
514	3.74
553	3.74
591	4.54
629	4.49
666	4.24
703	3.74
738	4.34
774	4.54
810	4.95
844	5
878	4.95
911	4.95
944	5.55
975	5.75
1007	5.5
1037	5.35
1068	5.95
1099	7.01
1129	7.97
1158	9.17
1187	9.02
1216	10.03
1242	10.38
1270	11.99
1295	12.7
1321	10.68
1347	11.04
1372	11.79
1398	13.2
1424	12.7
1451	14.56
1477	15.32
1503	14.71
1527	11.49
1550	11.99
1573	13.4
1596	13.7
1618	13.4
1639	12.5

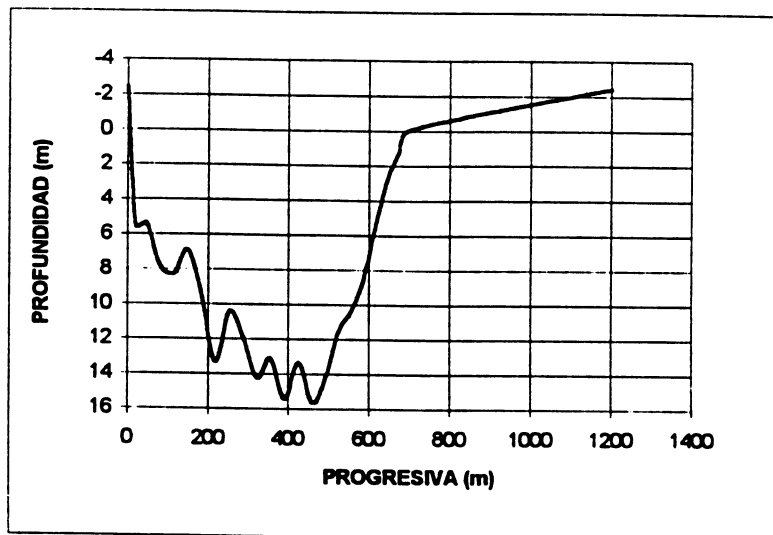


Progresiva (m)    Profundidad (m)

1659	12.55
1680	12.19
1703	11.29
1727	10.99
1752	10.38
1778	7.76
1803	4.95
1813	-2.44

**CRUCE Km 943**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
73	255318	6756264
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.44	
20	5.57	
46	5.37	
80	7.8	
115	8.3	
149	6.89	
183	9.31	
217	13.35	
252	10.42	
285	11.74	
321	14.26	
356	13.15	
391	15.47	
426	13.35	
461	15.68	
494	14.11	
526	11.53	
557	10.32	
588	8.4	
619	5.17	
648	2.64	
674	1.23	
701	-0.08	
1201	-2.44	



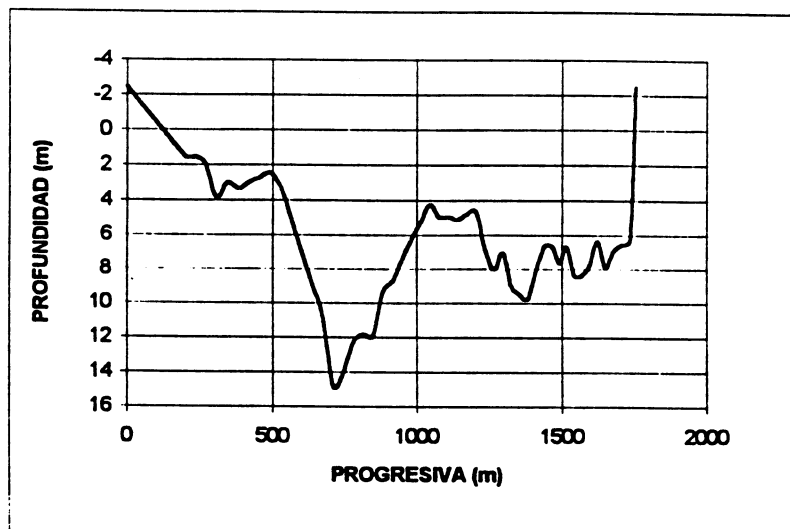


**CRUCE Km 949**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 305	<b>Este</b> 256721	<b>Norte</b> 6760164
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<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
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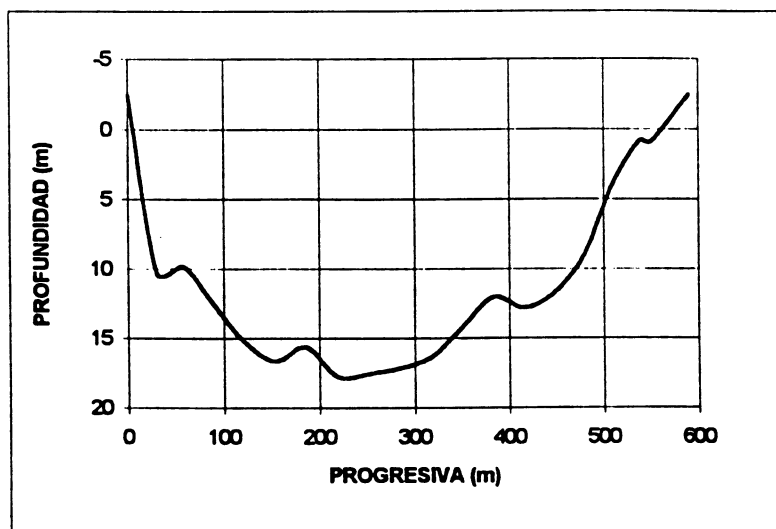
0	-2.45
200	1.52
232	1.52
268	1.93
307	3.85
345	2.99
383	3.34
417	2.99
455	2.74
493	2.48
531	3.34
562	4.96
600	6.88
637	8.9
673	10.82
709	14.86
744	14.15
780	12.28
815	11.83
849	11.93
883	9.35
916	8.7
948	7.48
981	6.27
1012	5.26
1044	4.25
1076	4.96
1108	4.96
1138	5.16
1169	4.81
1202	4.66
1234	6.88
1265	8.04
1296	7.08
1325	9
1354	9.5
1382	9.76
1411	8.04
1439	6.68
1466	6.68
1492	7.69
1517	6.68
1543	8.39
1568	8.39
1595	7.79
1623	6.37
1650	7.89
1679	6.98
1707	6.57



<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1735	6.27
1755	-2.45

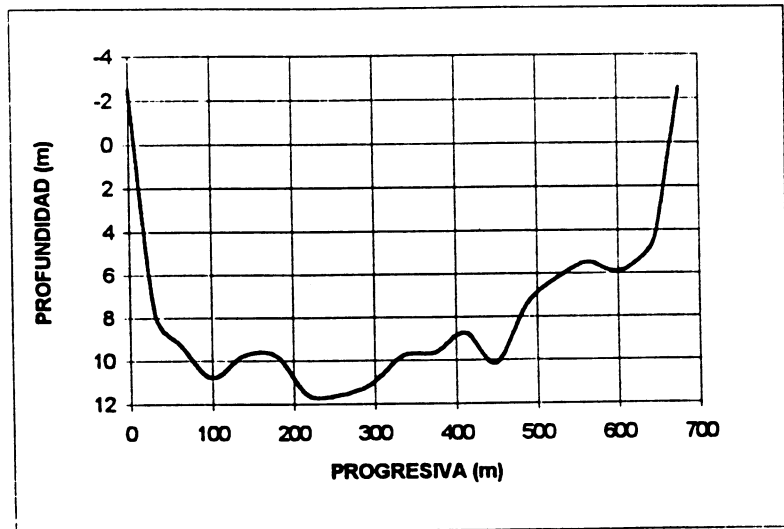
**CRUCE Km 953**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
346	265699	6764454
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.47	
30	10.31	
57	9.8	
87	12.35	
119	15.11	
153	16.64	
186	15.62	
219	17.76	
252	17.56	
285	17.15	
318	16.33	
350	14.29	
383	12.05	
415	12.86	
446	11.84	
478	9.09	
510	3.78	
538	0.82	
550	0.93	
590	-2.47	



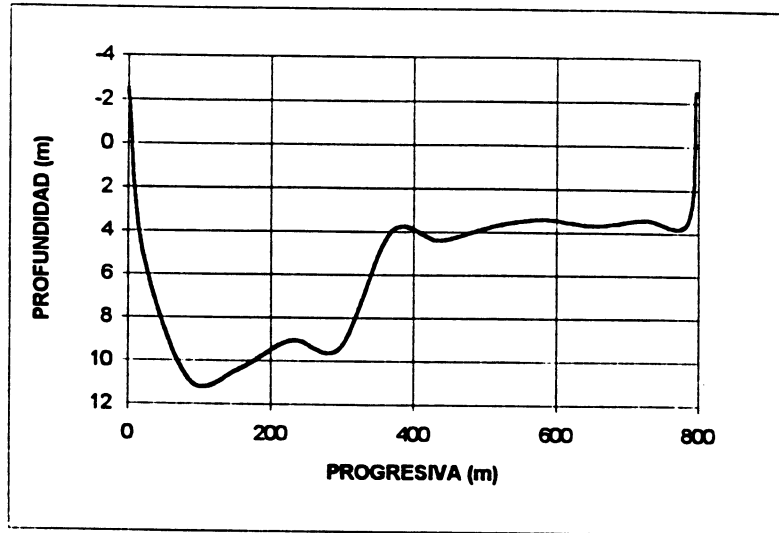
**CRUCE Km 963**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
348	269582	6766107
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.5	
30	7.83	
61	9.26	
99	10.79	
139	9.77	
178	9.77	
218	11.61	
256	11.61	
295	11.1	
335	9.77	
373	9.67	
411	8.75	
448	10.18	
487	7.43	
525	6.2	
562	5.49	
598	5.9	
632	5.18	
646	4.16	
676	-2.5	



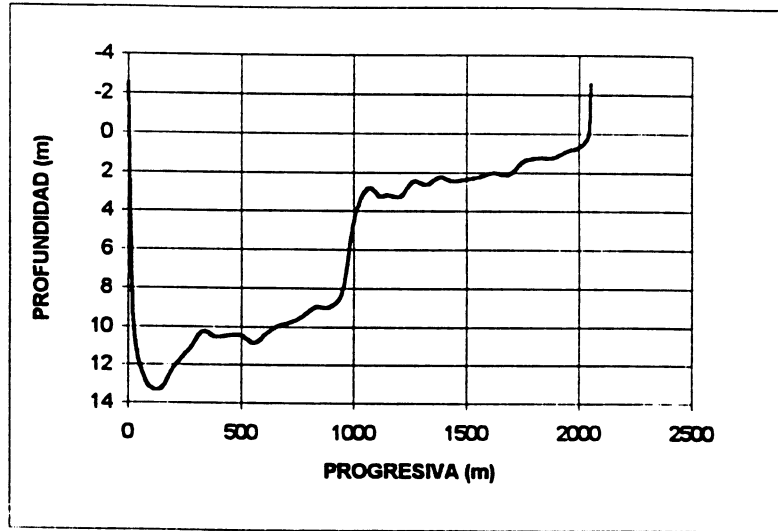
**CRUCE Km 969**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
249	270694	6771557
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.49	
20	4.91	
85	10.89	
157	10.38	
229	9.06	
298	9.37	
368	4.04	
436	4.4	
504	3.79	
577	3.39	
650	3.69	
723	3.39	
786	3.39	
796	-2.49	



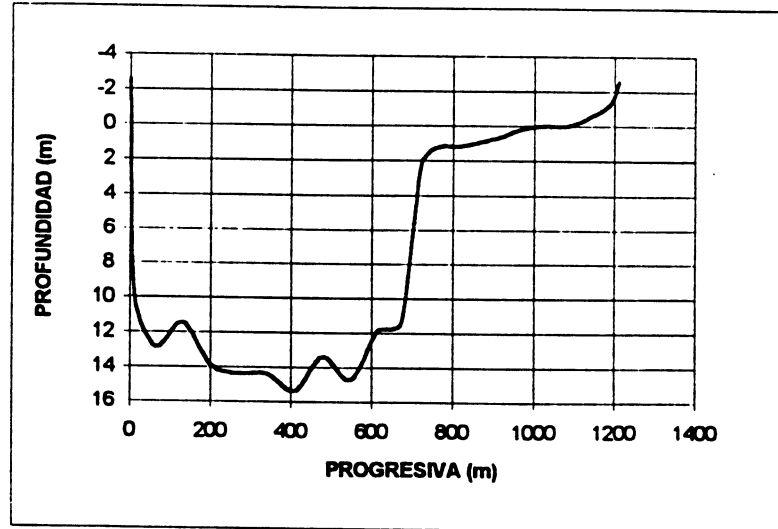
**CRUCE Km 973**  
(Tramo Santa Fé - Asunción)

Rumbo 87	Este 270623	Norte 6775954
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.51	
10	4.68	
26	10.46	
81	12.99	
142	13.3	
204	12.08	
265	11.27	
327	10.26	
385	10.56	
442	10.46	
499	10.46	
556	10.87	
612	10.36	
668	9.95	
722	9.75	
778	9.45	
833	8.94	
891	8.99	
948	8.23	
1005	4.38	
1061	2.86	
1116	3.26	
1150	3.16	
1207	3.26	
1265	2.45	
1322	2.66	
1381	2.25	
1440	2.45	
1500	2.35	
1560	2.25	
1622	2	
1686	2.15	
1751	1.44	
1817	1.24	
1882	1.24	
1947	0.88	
2008	0.63	
2042	-0.03	
2052	-2.51	



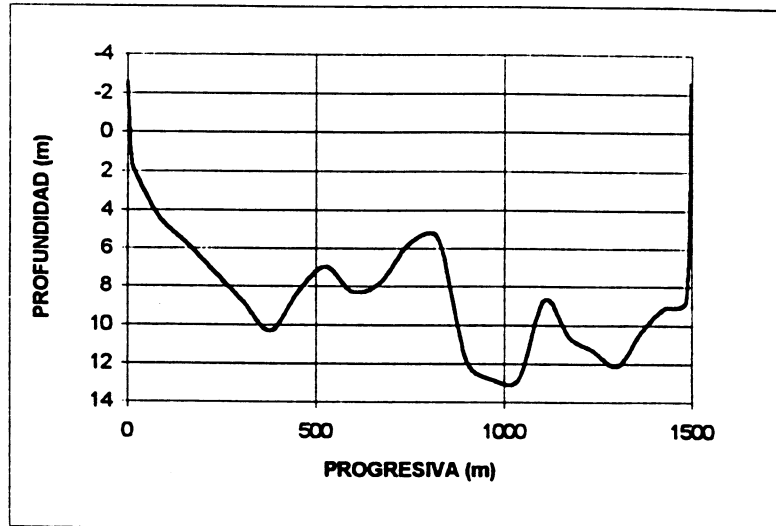
**CRUCE Km 977**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 348	<b>Este</b> 274990	<b>Norte</b> 6777010
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.53	
10	9.83	
63	12.87	
131	11.45	
200	13.89	
270	14.39	
340	14.39	
409	15.41	
478	13.38	
548	14.7	
616	11.86	
674	11.35	
722	2.23	
766	1.22	
815	1.22	
859	1.01	
908	0.71	
966	0.2	
1024	0	
1083	0	
1144	-0.61	
1190	-1.32	
1210	-2.53	



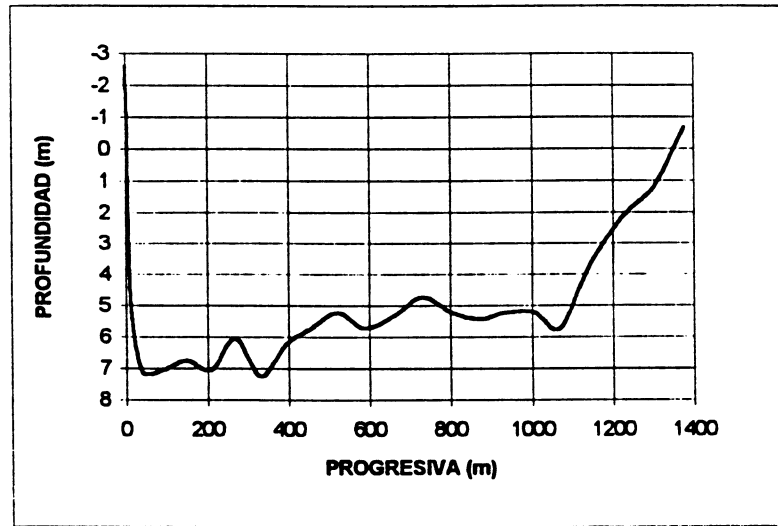
**CRUCE Km 979**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
135	276388	6778959
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.55	
10	1.4	
23	2.21	
86	4.44	
158	5.76	
231	7.28	
305	8.8	
379	10.32	
453	8.29	
526	6.97	
598	8.29	
672	7.79	
747	5.76	
823	5.45	
897	11.84	
968	12.85	
1038	12.85	
1106	8.7	
1172	10.62	
1235	11.33	
1301	12.14	
1366	10.32	
1427	9.1	
1486	8.7	
1496	-2.55	



**CRUCE Km 983**  
(Tramo Santa Fé - Asunción)

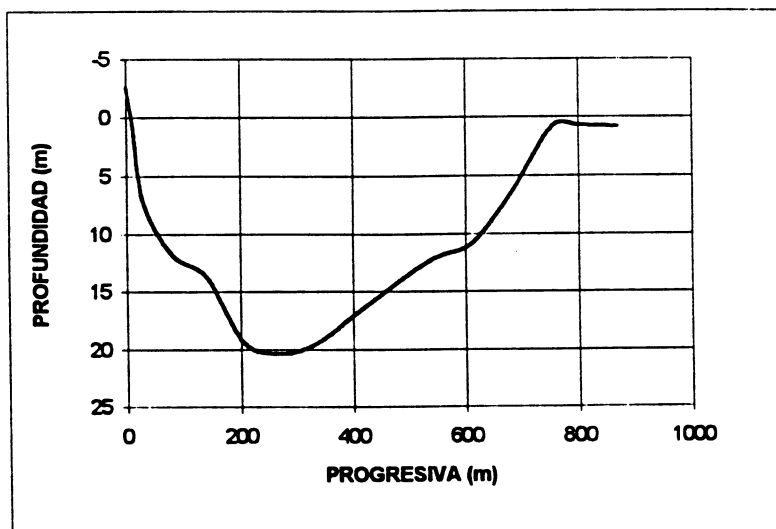
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
340	280918	6779911
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.58	
10	4.71	
37	7.05	
88	7.05	
147	6.74	
208	7.05	
268	6.03	
330	7.25	
392	6.24	
456	5.73	
521	5.22	
588	5.73	
659	5.32	
731	4.71	
801	5.22	
871	5.42	
938	5.22	
1005	5.22	
1068	5.73	
1141	3.7	
1221	2.18	
1302	1.17	
1376	-0.66	





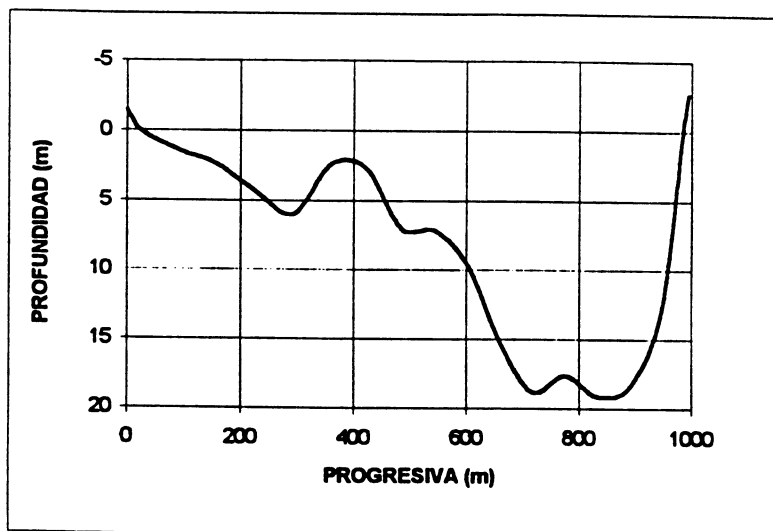
**CRUCE Km 988**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
319	284138	6782952
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.61	
10	0.43	
28	7.22	
79	11.78	
141	13.81	
205	19.38	
272	20.4	
339	19.38	
407	16.85	
477	14.31	
545	12.08	
613	10.77	
684	6.21	
753	0.83	
802	0.73	
869	0.83	



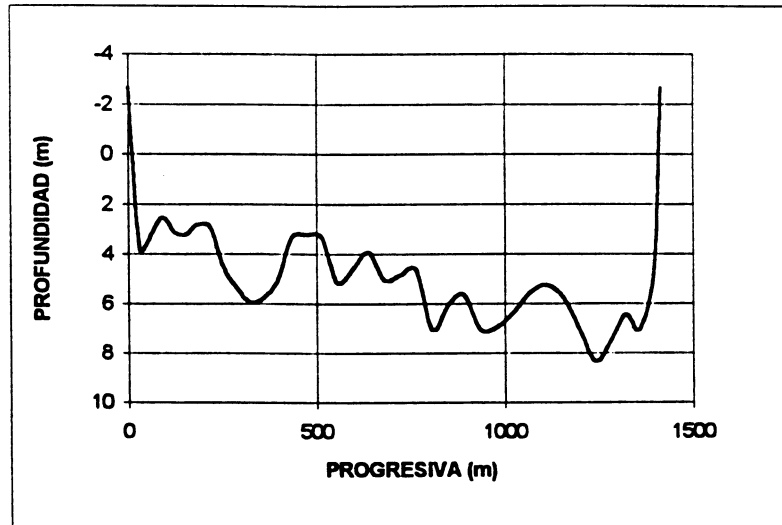
# **CRUCE Km 992** (Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
103	285389	6786762
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-1.43	
26	0.09	
92	1.41	
159	2.43	
227	4.35	
293	5.97	
360	2.43	
423	2.73	
485	6.99	
545	7.19	
603	9.72	
660	15.3	
717	18.84	
775	17.63	
833	19.15	
892	18.34	
948	12.76	
986	-0.41	
996	-2.64	



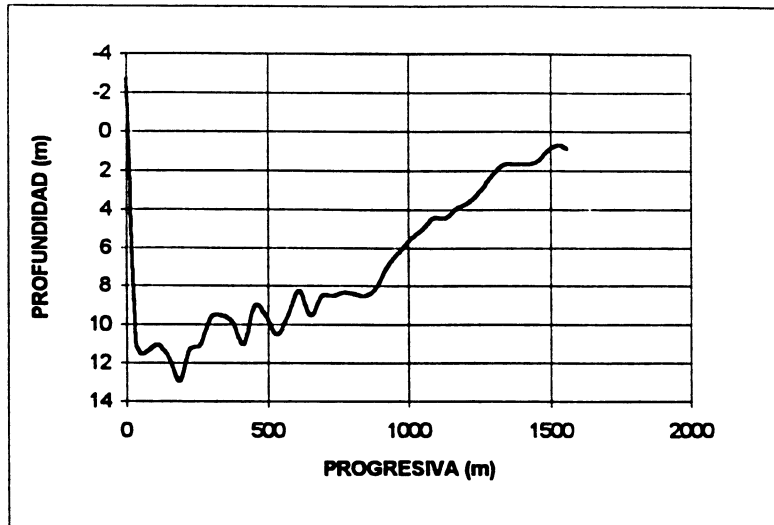
**CRUCE Km 994**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 259	<b>Este</b> 285954	<b>Norte</b> 6788533
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.65	
30	3.83	
59	3.23	
90	2.52	
121	3.12	
151	3.23	
182	2.82	
216	2.92	
251	4.53	
286	5.34	
323	5.94	
359	5.74	
396	5.04	
434	3.33	
473	3.23	
513	3.33	
554	5.14	
595	4.63	
638	3.93	
680	5.04	
722	4.84	
763	4.63	
806	7.05	
848	6.04	
890	5.64	
934	7.05	
978	6.95	
1022	6.35	
1066	5.54	
1110	5.24	
1154	5.74	
1197	7.05	
1239	8.36	
1279	7.55	
1319	6.45	
1358	7.05	
1395	4.74	
1415	-2.65	



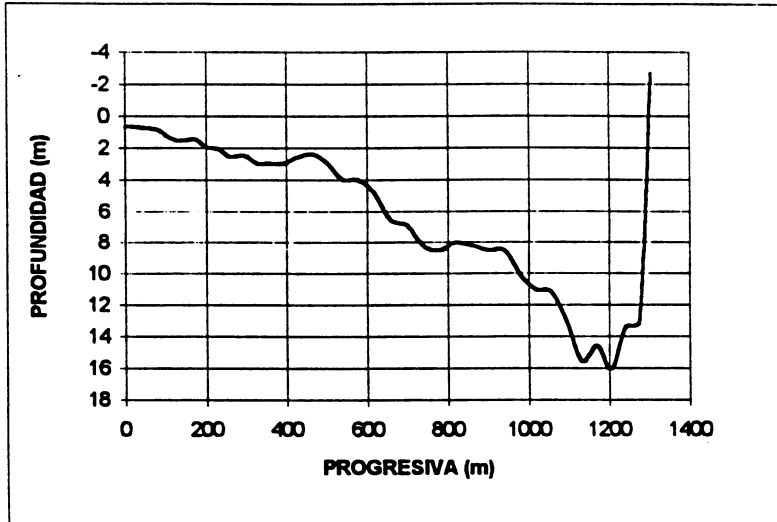
**CRUCE Km 997**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
78	284421	6791534
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.67	
30	10.86	
48	11.56	
78	11.36	
111	11.06	
148	11.76	
185	12.97	
222	11.36	
260	11.06	
298	9.65	
336	9.55	
376	9.95	
414	11.06	
453	9.04	
492	9.55	
532	10.56	
571	9.55	
611	8.24	
652	9.55	
692	8.54	
731	8.54	
771	8.34	
810	8.44	
849	8.54	
888	8.04	
927	6.93	
968	6.23	
1008	5.52	
1049	5.02	
1090	4.41	
1131	4.41	
1172	3.91	
1214	3.61	
1256	3	
1298	2.2	
1339	1.7	
1380	1.7	
1449	1.59	
1490	0.99	
1527	0.69	
1559	0.89	



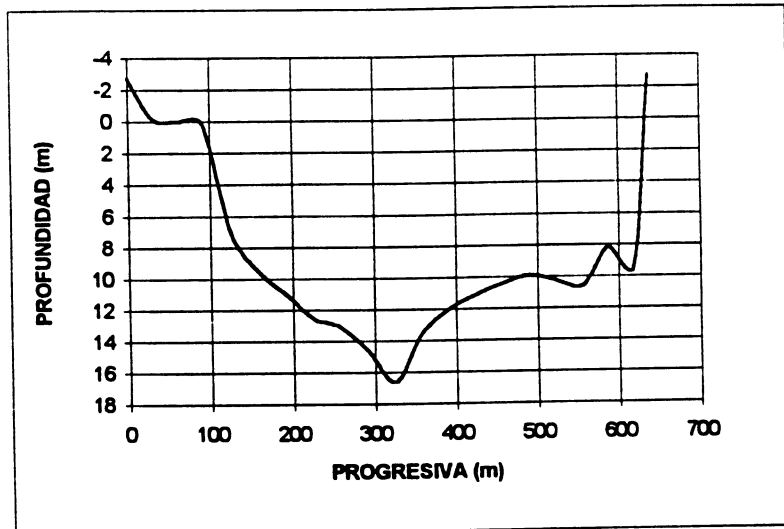
**CRUCE Km 998**  
(Tramo Santa Fé - Asunción)

Rumbo 274	Este 285302	Norte 6793153
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	0.68	
19	0.68	
48	0.78	
79	0.88	
109	1.38	
140	1.58	
171	1.48	
201	1.99	
232	2.09	
262	2.59	
294	2.49	
327	2.99	
360	2.99	
394	2.99	
429	2.59	
466	2.39	
503	2.99	
540	4	
578	4	
617	4.81	
657	6.52	
698	6.92	
738	8.23	
778	8.53	
818	8.03	
859	8.23	
899	8.53	
940	8.53	
980	10.14	
1019	11.05	
1056	11.15	
1093	13.06	
1131	15.58	
1168	14.57	
1204	16.08	
1240	13.36	
1275	13.06	
1305	-2.68	



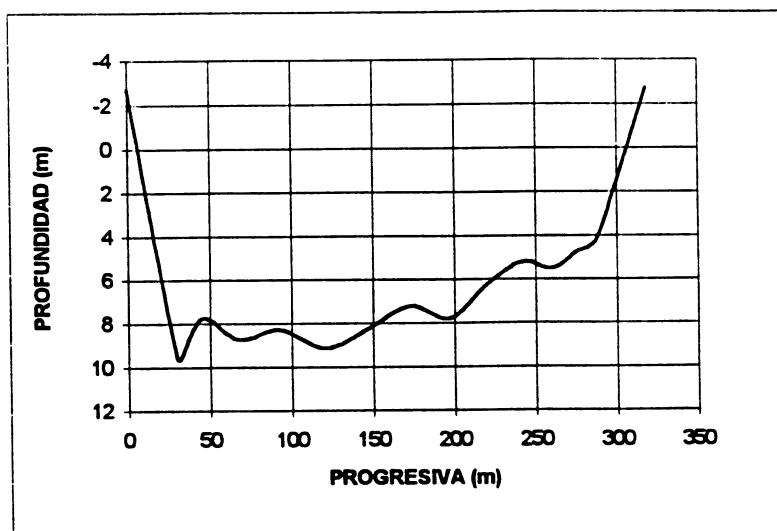
**CRUCE Km 1001 A**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
125	285596	6796165
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.7	
30	-0.14	
60	0.06	
91	0.16	
125	7.03	
159	9.56	
194	11.07	
226	12.59	
258	13.09	
292	14.61	
325	16.63	
357	13.6	
391	11.98	
425	11.07	
458	10.37	
490	9.86	
523	10.26	
556	10.57	
587	8.14	
618	9.46	
638	-2.7	



**CRUCE Km 1001 B**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
287	286651	6795379
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.7	
30	9.56	
37	8.65	
47	7.74	
68	8.75	
93	8.29	
121	9.15	
148	8.24	
173	7.23	
197	7.79	
220	6.27	
242	5.21	
260	5.52	
276	4.71	
288	4.1	
318	-2.7	

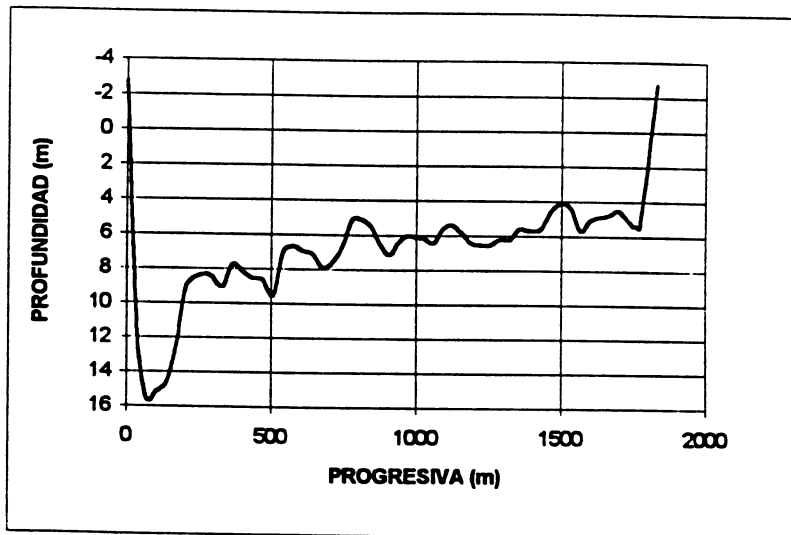


**CRUCE Km 1005**  
(Tramo Santa Fé - Asunción)

**Rumbo**  
297  
**Este**  
288513  
**Norte**  
6799185

Progresiva (m)   Profundidad (m)

0	-2.73
30	9.57
43	13.11
71	15.65
104	15.14
138	14.63
172	12.4
205	9.06
260	8.35
294	8.45
330	9.06
364	7.74
399	8.15
433	8.55
470	8.65
505	9.57
541	7.03
575	6.63
609	6.93
644	7.13
679	7.94
714	7.54
748	6.63
782	5.11
814	5.11
846	5.51
878	6.53
909	7.13
940	6.42
970	6.02
1000	6.12
1031	6.22
1061	6.42
1093	5.61
1123	5.41
1155	5.82
1188	6.42
1220	6.53
1253	6.53
1287	6.22
1322	6.22
1356	5.61
1391	5.71
1427	5.61
1463	4.6
1498	4.09
1532	4.4
1566	5.71
1599	5.11



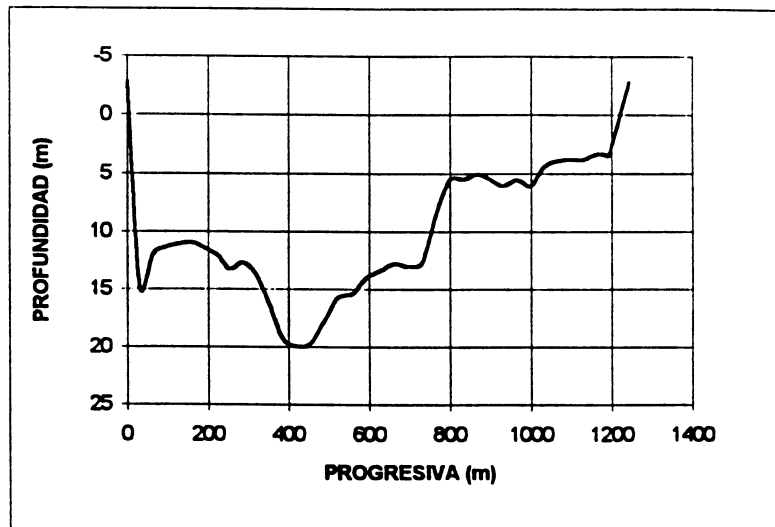
Progresiva (m)   Profundidad (m)

1632	4.9
1664	4.8
1696	4.5
1726	5
1749	5.41
1761	5.41
1771	5.51
1831	-2.73



**CRUCE Km 1010**  
(Tramo Santa Fé - Asunción)

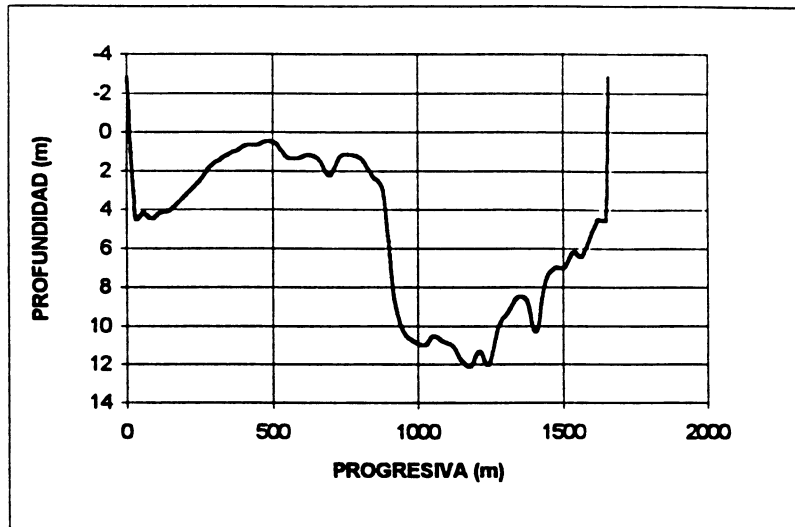
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
92	288627	6804055
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.76	
30	14.91	
63	11.97	
97	11.36	
129	11.06	
161	10.95	
192	11.46	
224	12.07	
255	13.29	
287	12.68	
319	13.69	
351	16.23	
384	19.27	
420	19.98	
454	19.77	
488	17.75	
523	15.72	
558	15.41	
593	14	
628	13.39	
662	12.78	
697	13.08	
731	12.68	
764	8.62	
798	5.58	
832	5.58	
867	5.08	
899	5.58	
932	6.09	
965	5.58	
998	6.09	
1031	4.47	
1064	3.96	
1096	3.86	
1129	3.86	
1162	3.35	
1187	3.45	
1192	3.56	
1242	-2.76	



**CRUCE Km 1015**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
311	291047	6808162
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	

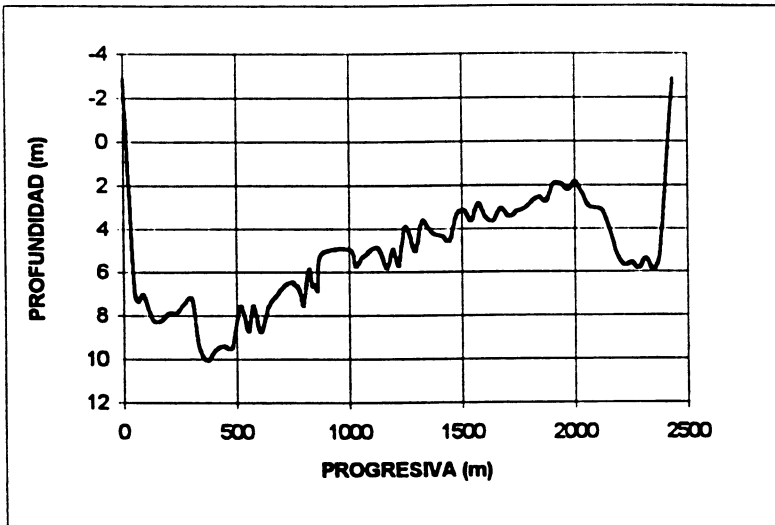
0	-2.8
30	4.48
55	4.18
85	4.48
116	4.18
147	4.08
221	2.97
253	2.47
285	1.77
314	1.46
344	1.16
376	0.96
409	0.66
442	0.66
476	0.46
511	0.56
547	1.26
584	1.36
620	1.16
657	1.36
695	2.27
732	1.26
769	1.16
807	1.36
844	2.27
880	3.08
917	8.51
952	10.32
987	10.83
1021	11.03
1053	10.53
1086	10.83
1118	11.03
1149	11.83
1179	12.14
1211	11.33
1243	12.04
1276	10.02
1309	9.32
1342	8.51
1374	8.71
1406	10.32
1439	7.71
1471	7
1503	7
1534	6.2
1563	6.4
1592	5.49
1621	4.48



<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1621	4.48
1648	4.48
1658	-2.8

**CRUCE Km 1020**  
(Tramo Santa Fé - Asunción)

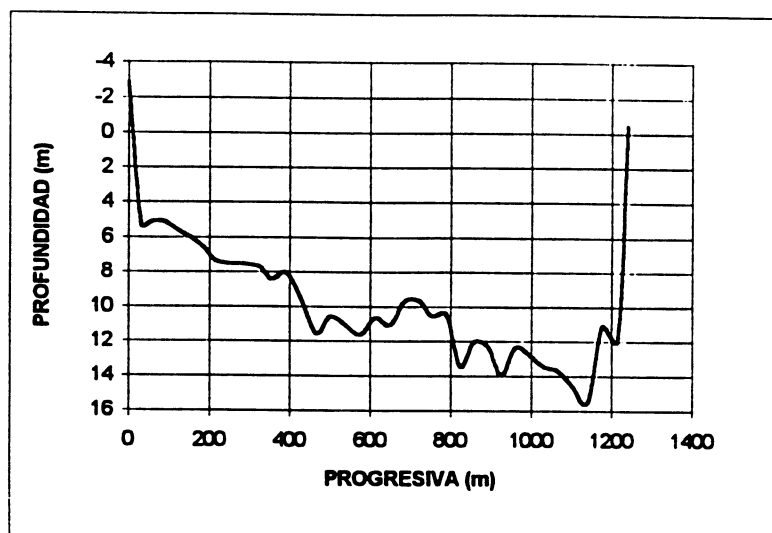
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
306	291903	6812893
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.83	
50	7.07	
63	7.37	
84	7.02	
106	7.63	
135	8.28	
166	8.23	
199	7.88	
233	7.88	
266	7.48	
300	7.22	
335	9.49	
370	10.09	
405	9.59	
442	9.39	
479	9.49	
516	7.58	
552	8.73	
575	7.58	
608	8.78	
643	7.58	
678	7.07	
712	6.67	
745	6.47	
758	6.57	
772	6.67	
784	7.07	
797	7.58	
810	6.67	
823	5.86	
836	6.67	
849	6.57	
862	6.87	
875	5.21	
1004	4.96	
1029	5.76	
1052	5.36	
1076	5.21	
1098	4.96	
1123	4.86	
1146	5.26	
1169	5.86	
1194	4.96	
1219	5.71	
1244	3.95	
1268	4.35	
1294	5.06	
1321	3.65	
1349	3.95	



1379	4.25
1411	4.35
1443	4.56
1475	3.35
1508	3.15
1540	3.65
1571	2.84
1604	3.45
1637	3.65
1671	3.05
1706	3.45
1741	3.2
1776	3.05
1808	2.74
1840	2.54
1872	2.74
1905	1.94
1937	1.94
1968	2.24
1999	1.84
2029	2.34
2059	2.94
2089	3.05
2121	3.15
2153	4
2186	5.16
2217	5.71
2250	5.56
2282	5.86
2315	5.36
2347	5.97
2374	5.26
2434	-2.83

**CRUCE Km 1025**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
285	292812	6817112
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.87	
30	5.32	
56	5.12	
87	5.12	
121	5.62	
155	6.03	
189	6.63	
224	7.44	
317	7.64	
354	8.44	
391	8.04	
428	9.55	
465	11.56	
501	10.56	
539	11.06	
576	11.66	
613	10.66	
649	11.06	
684	9.7	
720	9.65	
754	10.56	
789	10.46	
823	13.48	
857	12.07	
891	12.27	
925	13.98	
960	12.37	
996	12.77	
1031	13.48	
1066	13.73	
1102	14.58	
1139	15.49	
1177	11.06	
1214	11.97	
1239	-0.42	

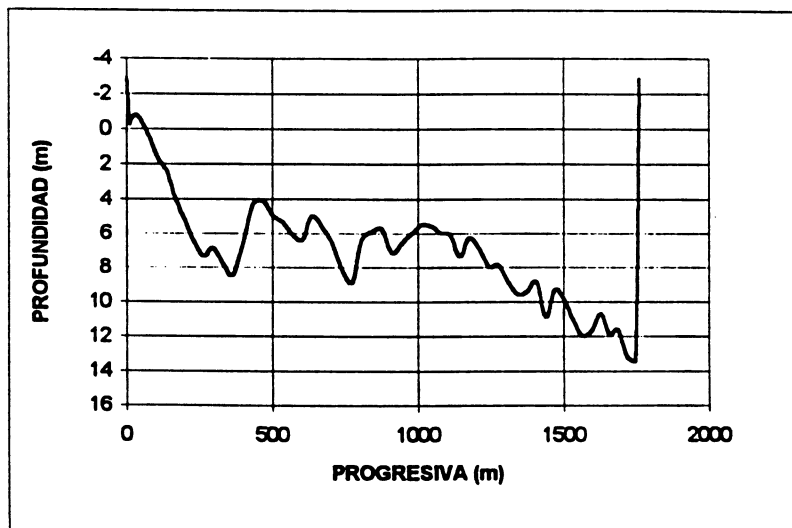


**CRUCE Km 1026**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
116	291989	6819545

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
-----------------------	------------------------

0	-2.84
10	-0.29
17	-0.59
34	-0.79
55	-0.29
81	0.57
109	1.73
139	2.43
168	3.99
199	5.25
230	6.46
263	7.36
296	6.86
329	7.77
363	8.47
399	6.46
433	4.24
468	4.09
502	4.95
536	5.35
570	6.06
603	6.36
636	4.95
671	5.65
706	6.56
740	8.12
775	8.87
808	6.36
843	5.9
877	5.75
911	7.16
946	6.56
981	5.96
1015	5.45
1049	5.6
1080	5.96
1111	6.11
1143	7.36
1176	6.26
1209	6.86
1243	7.97
1276	7.87
1309	8.87
1343	9.58
1376	9.38
1408	8.87
1439	10.89
1471	9.28
1503	9.88

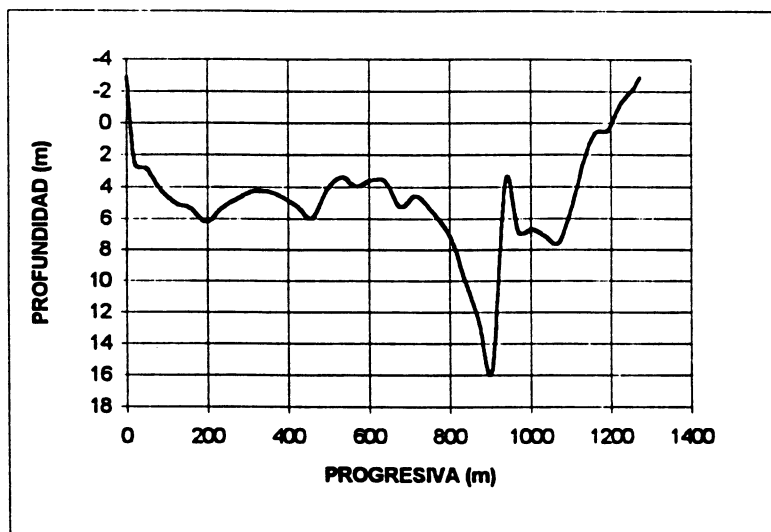


<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
-----------------------	------------------------

1534	11.09
1565	11.95
1596	11.69
1627	10.69
1657	11.9
1687	11.59
1717	13.15
1747	13.41
1762	-2.84

**CRUCE Km 1031**  
(Tramo Santa Fé - Asunción)

Rumbo 108	Este 293898	Norte 6822911
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.87	
20	2.57	
49	2.87	
83	4.17	
121	5.02	
159	5.37	
198	6.27	
235	5.37	
274	4.77	
311	4.27	
350	4.27	
387	4.67	
424	5.27	
460	5.97	
497	4.17	
533	3.37	
569	3.97	
605	3.57	
641	3.67	
677	5.27	
715	4.57	
751	5.37	
799	7.07	
833	9.67	
870	12.47	
904	15.67	
938	3.67	
970	6.87	
1003	6.67	
1035	7.17	
1067	7.57	
1098	5.47	
1130	2.47	
1160	0.67	
1192	0.47	
1222	-1.13	
1253	-2.03	
1273	-2.87	



**CRUCE Km 1034**  
(Tramo Santa Fé - Asunción)

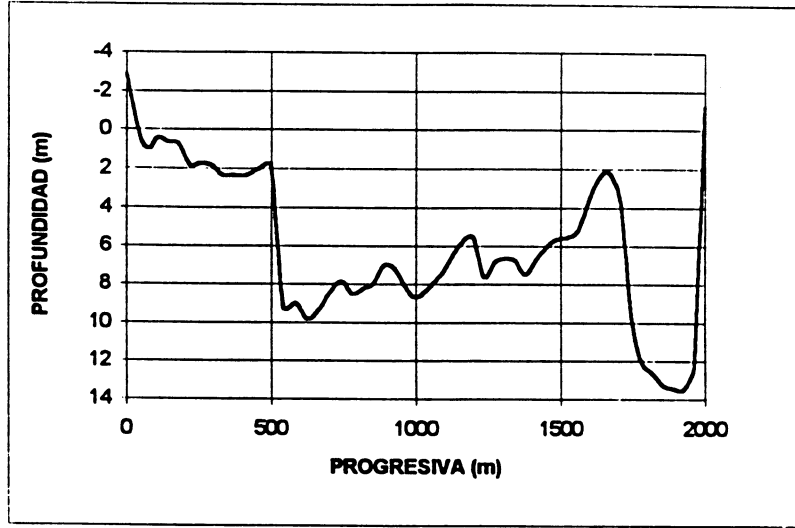
**Rumbo**  
120

**Este**  
295120

**Norte**  
6825714

Progresiva (m)    Profundidad (m)

0	-2.89
50	0.55
77	1
109	0.45
144	0.65
180	0.75
217	1.85
254	1.75
292	1.85
331	2.35
372	2.35
413	2.35
455	2.05
497	1.85
541	9.25
583	9
624	9.85
664	9.35
703	8.45
743	7.85
781	8.55
817	8.25
854	7.95
892	7
931	7.25
969	8.25
1007	8.65
1084	7.55
1121	6.65
1158	5.8
1197	5.55
1233	7.65
1269	6.85
1305	6.65
1341	6.75
1377	7.5
1413	6.75
1450	6.05
1486	5.65
1522	5.55
1560	5.15
1596	3.65
1633	2.45
1670	2.25
1707	3.75
1744	9.65
1779	12
1816	12.65
1852	13.25



<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1889	13.45
1925	13.5
1962	12.25
1998	-1.25

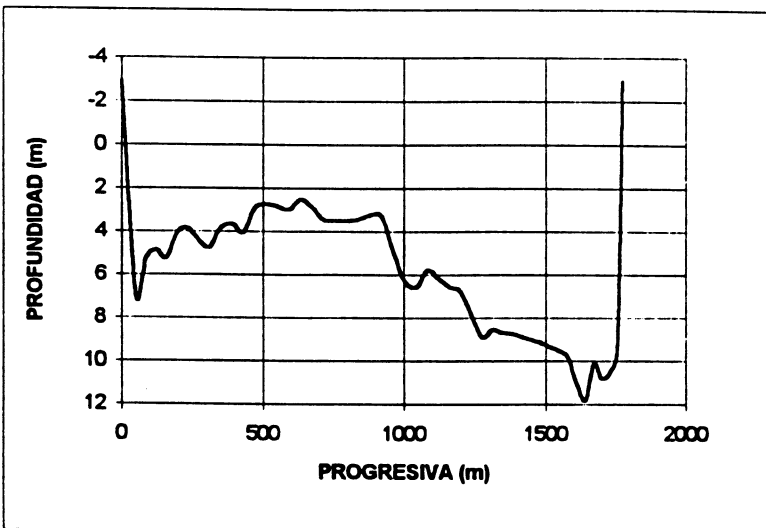


**CRUCE Km 1039**  
(Tramo Santa Fé - Asunción)

**Rumbo**                      **Este**                      **Norte**  
**244**                              **296122**                      **6829776**

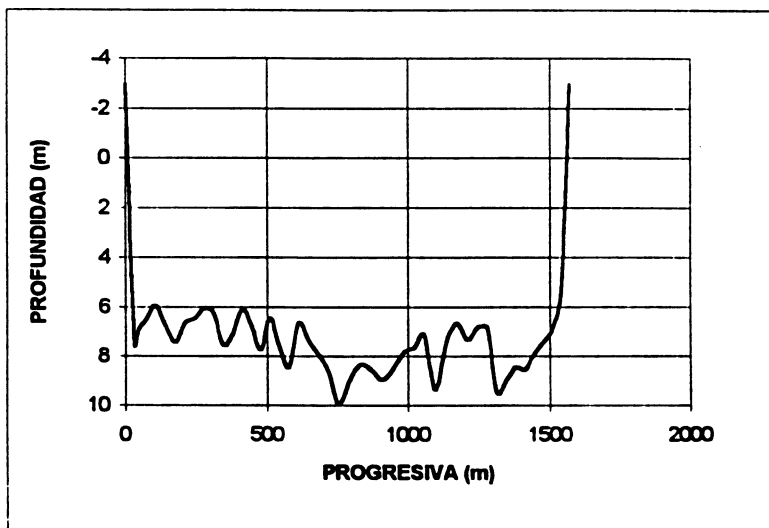
**Progresiva (m)**    **Profundidad (m)**

0	-2.92
50	7.03
85	5.27
122	4.87
158	5.27
196	4.06
234	3.86
272	4.36
311	4.77
351	3.86
391	3.66
431	4.06
471	2.91
513	2.75
553	2.85
593	3.01
634	2.5
675	2.85
716	3.46
756	3.51
831	3.46
876	3.26
918	3.26
962	4.97
1003	6.28
1043	6.58
1084	5.77
1123	6.18
1162	6.58
1200	6.78
1238	7.89
1275	8.9
1313	8.54
1349	8.69
1385	8.74
1420	8.9
1455	9.05
1488	9.2
1521	9.4
1549	9.55
1578	9.8
1610	11.06
1641	11.82
1671	10.1
1698	10.81
1726	10.61
1754	9.6
1774	-2.92



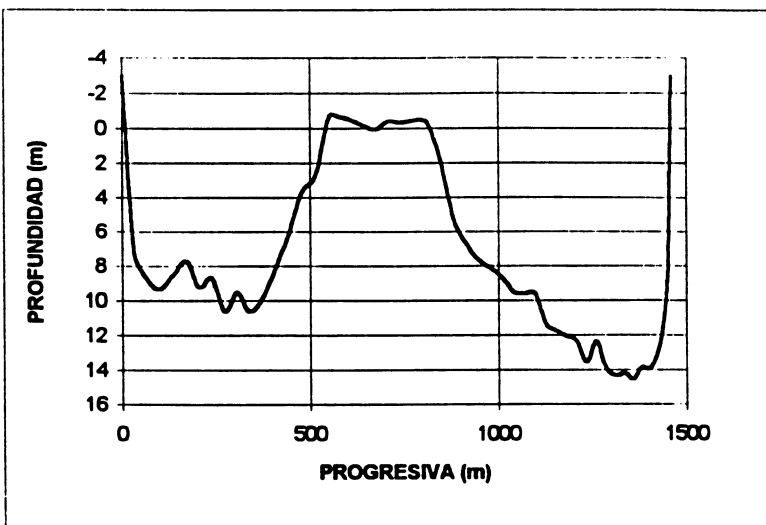
**CRUCE Km 1043**  
(Tramo Santa Fé - Asunción)

Rumbo 64	Este 292878	Norte 6833001
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.95	
30	7.56	
44	6.95	
71	6.55	
106	5.95	
140	6.75	
176	7.46	
211	6.65	
245	6.45	
278	6.05	
311	6.25	
344	7.56	
377	7.15	
411	6.1	
444	6.75	
477	7.76	
510	6.45	
543	7.56	
577	8.46	
612	6.65	
648	7.36	
684	7.96	
719	8.66	
756	9.97	
794	8.97	
831	8.36	
871	8.56	
909	8.97	
946	8.56	
985	7.86	
1022	7.66	
1057	7.15	
1095	9.37	
1133	7.46	
1171	6.65	
1208	7.36	
1243	6.85	
1277	6.85	
1311	9.47	
1346	8.97	
1378	8.46	
1411	8.56	
1443	7.96	
1475	7.46	
1508	6.95	
1541	5.34	
1571	-2.95	



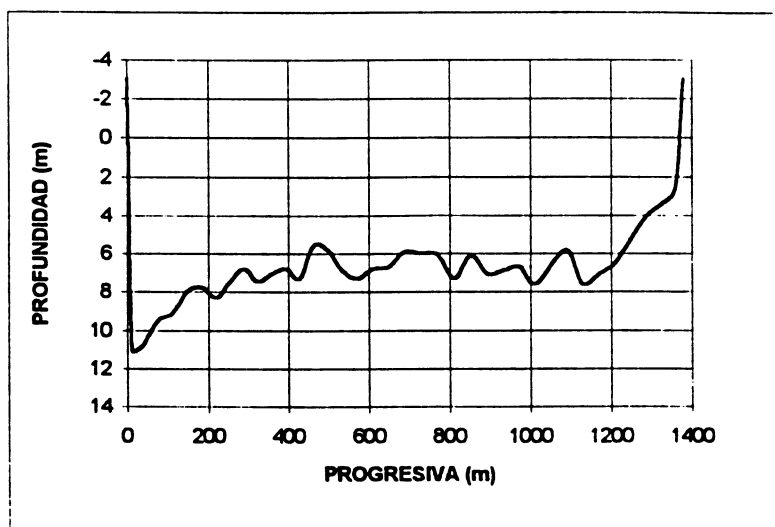
**CRUCE Km 1048**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 297	<b>Este</b> 293830	<b>Norte</b> 6836110
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.98	
30	7.02	
51	8.33	
96	9.34	
134	8.53	
170	7.73	
204	9.24	
238	8.73	
272	10.65	
305	9.54	
338	10.65	
372	9.84	
407	8.13	
442	6.22	
478	3.7	
516	2.69	
552	-0.63	
583	-0.63	
610	-0.48	
641	-0.18	
675	0.08	
709	-0.43	
742	-0.33	
776	-0.48	
811	-0.33	
846	1.79	
881	5.31	
914	6.72	
946	7.63	
978	8.13	
1009	8.73	
1040	9.54	
1069	9.59	
1097	9.59	
1125	11.35	
1152	11.76	
1178	12.06	
1206	12.36	
1232	13.57	
1258	12.36	
1284	13.87	
1309	14.37	
1334	14.17	
1357	14.57	
1381	13.87	
1405	13.87	
1431	12.36	
1449	8.58	
1459	-2.98	



**CRUCE Km 1051**  
(Tramo Santa Fé - Asunción)

Rumbo 123	Este 293621	Norte 6840271
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3	
10	11.03	
37	10.83	
74	9.52	
111	9.12	
148	7.96	
184	7.76	
219	8.31	
253	7.51	
288	6.8	
323	7.46	
359	7.05	
394	6.8	
428	7.31	
462	5.59	
499	5.85	
535	6.9	
572	7.31	
609	6.8	
648	6.7	
688	5.9	
728	6	
769	6.05	
811	7.31	
852	6.1	
893	7.1	
932	6.9	
972	6.7	
1012	7.61	
1088	5.8	
1128	7.61	
1169	7.1	
1208	6.5	
1247	5.29	
1287	4.03	
1325	3.38	
1358	2.57	
1378	-3	

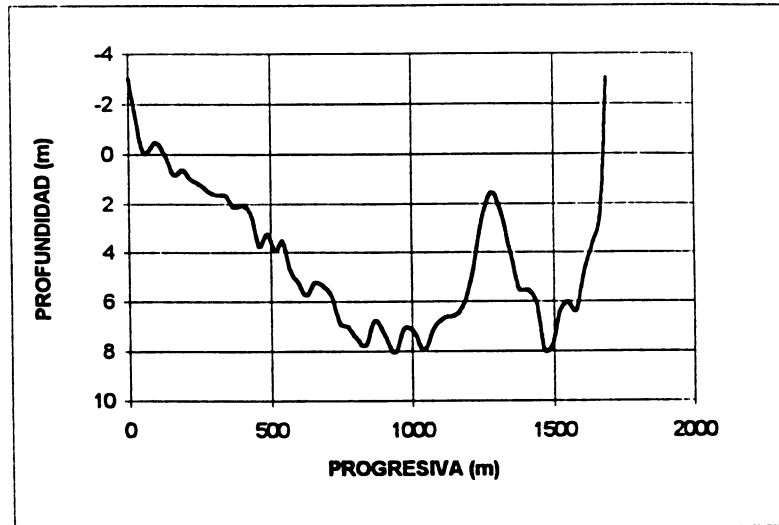


**CRUCE Km 1055**  
(Tramo Santa Fé - Asunción)

Rumbo                      Este                      Norte  
333                      297532                      6841332

Progresiva (m)    Profundidad (m)

0                      -3.03  
50                      -0.07  
94                      -0.48  
126                      0.03  
159                      0.83  
191                      0.63  
222                      1.03  
253                      1.23  
283                      1.49  
313                      1.64  
342                      1.64  
372                      2.14  
402                      2.04  
431                      2.44  
459                      3.75  
487                      3.25  
516                      3.95  
543                      3.55  
570                      4.76  
597                      5.26  
625                      5.77  
655                      5.26  
683                      5.36  
713                      5.77  
743                      6.87  
773                      7.02  
804                      7.48  
836                      7.78  
869                      6.77  
904                      7.38  
938                      8.08  
974                      7.07  
1008                      7.28  
1042                      7.98  
1077                      7.07  
1112                      6.67  
1146                      6.57  
1179                      6.17  
1211                      5.01  
1245                      2.74  
1279                      1.54  
1312                      2.24  
1345                      3.95  
1377                      5.51  
1408                      5.56  
1437                      6.02  
1466                      7.98  
1495                      7.78  
1523                      6.37

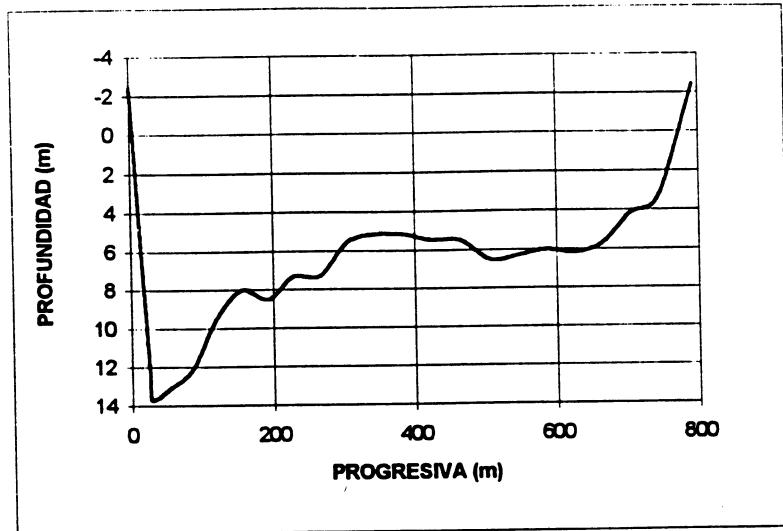


Progresiva (m)    Profundidad (m)

1550                      6.02  
1579                      6.37  
1609                      4.86  
1640                      3.65  
1667                      2.44  
1692                      -3.03

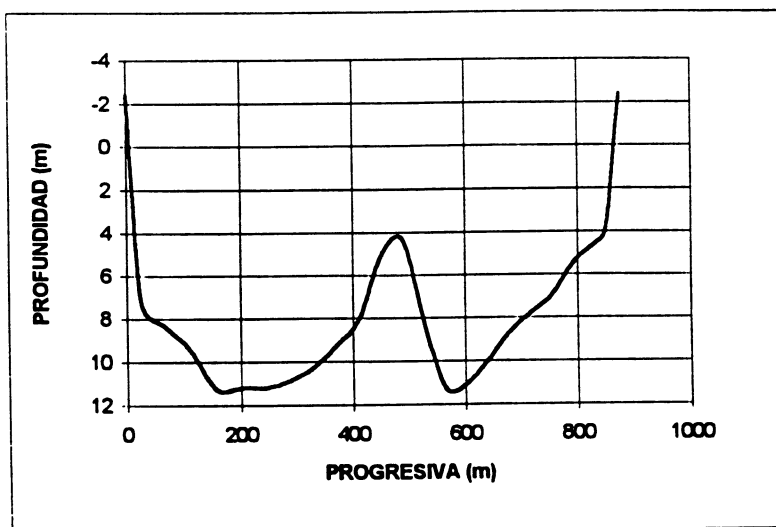
**CRUCE Km 1183**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
60	314574	6943329
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.41	
25	12.62	
26	13.74	
53	13.13	
86	12.11	
119	9.56	
155	8.03	
192	8.54	
229	7.31	
266	7.31	
304	5.58	
342	5.17	
382	5.17	
424	5.47	
464	5.47	
506	6.5	
546	6.29	
585	5.99	
625	6.19	
665	5.68	
704	4.15	
742	3.43	
792	-2.41	



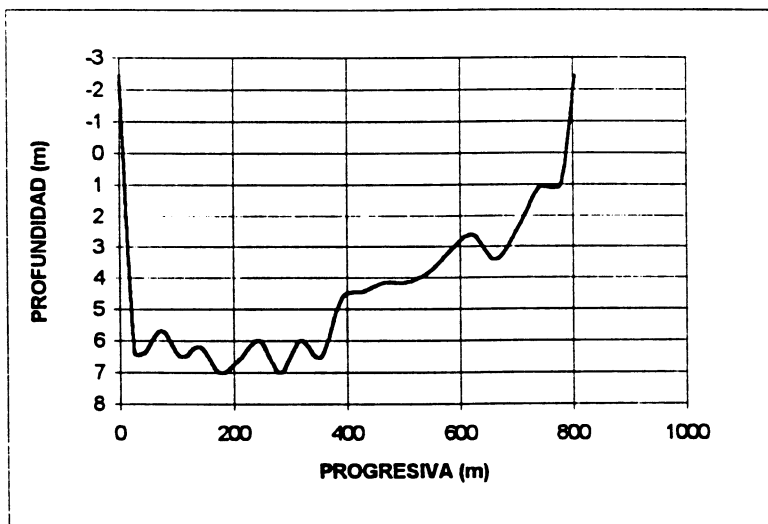
**CRUCE Km 1186**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
246	314638	6946179
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.41	
25	7.31	
66	8.33	
111	9.45	
156	11.29	
201	11.19	
245	11.19	
287	10.88	
330	10.27	
371	9.25	
411	8.03	
451	5.07	
489	4.35	
528	8.43	
565	11.29	
601	11.09	
638	10.07	
676	8.74	
714	7.82	
753	7.01	
792	5.47	
826	4.66	
849	3.94	
874	-2.41	



**CRUCE Km 1191**  
(Tramo Santa Fé - Asunción)

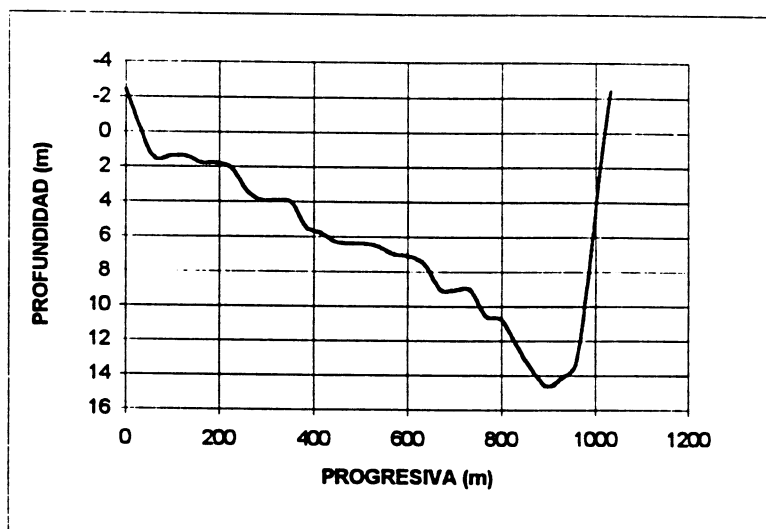
Rumbo	Este	Norte
65	314485	6950498
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.41	
25	6.39	
42	6.39	
73	5.68	
106	6.5	
140	6.19	
175	7.01	
209	6.6	
244	5.99	
280	7.01	
316	5.99	
353	6.5	
390	4.66	
428	4.45	
466	4.15	
504	4.15	
544	3.84	
583	3.13	
622	2.62	
662	3.43	
702	2.41	
740	1.09	
779	0.99	
804	-2.41	





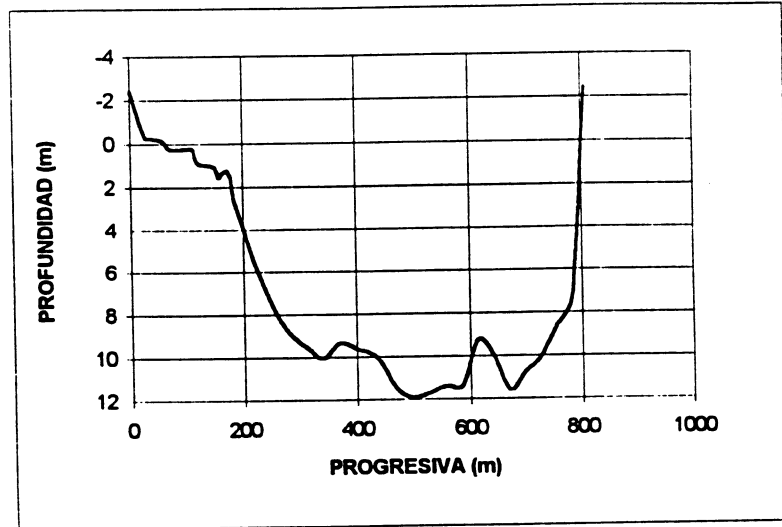
**CRUCE Km 1194**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
275	314615	6953311
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.41	
50	1.09	
68	1.6	
96	1.39	
128	1.39	
161	1.8	
193	1.8	
226	2.11	
258	3.43	
289	3.94	
321	3.94	
352	4.05	
383	5.47	
414	5.78	
445	6.29	
477	6.39	
510	6.39	
542	6.6	
573	7.01	
605	7.11	
637	7.62	
669	9.05	
701	9.05	
733	9.05	
765	10.58	
799	10.78	
831	12.21	
864	13.64	
897	14.66	
928	14.15	
958	13.33	
987	7.52	
1007	2.62	
1032	-2.41	



**CRUCE Km 1199**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
94	313816	6956303
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.41	
25	-0.34	
40	-0.24	
56	-0.14	
70	0.27	
100	0.27	
110	0.27	
119	0.88	
149	1.09	
156	1.6	
162	1.39	
168	1.29	
173	1.29	
178	1.6	
184	2.62	
190	3.13	
202	4.15	
219	5.58	
241	7.01	
263	8.23	
288	9.05	
313	9.56	
340	10.07	
370	9.35	
403	9.66	
437	10.07	
470	11.5	
503	11.9	
555	11.39	
584	11.39	
613	9.25	
640	9.96	
668	11.6	
696	10.78	
724	10.07	
753	8.64	
781	7.31	
806	-2.41	

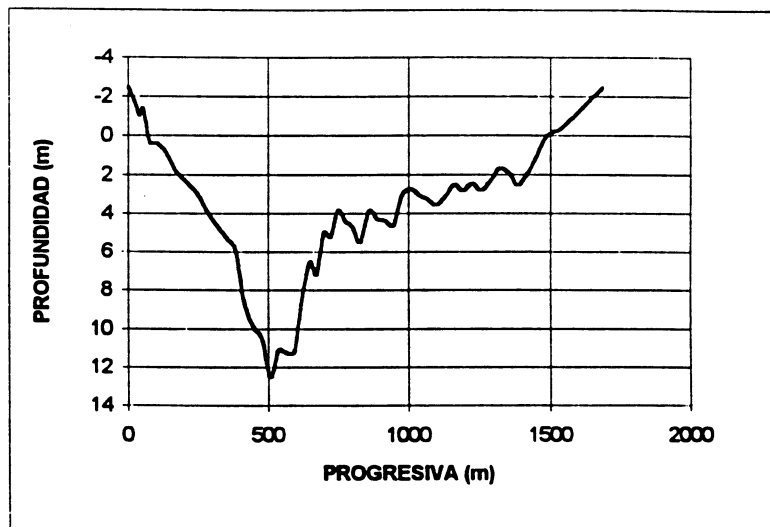


**CRUCE Km 1210**  
(Tramo Santa Fé - Asunción)

**Rumbo**                      **Este**                      **Norte**  
115                              318955                      6963721

Progresiva (m)    Profundidad (m)

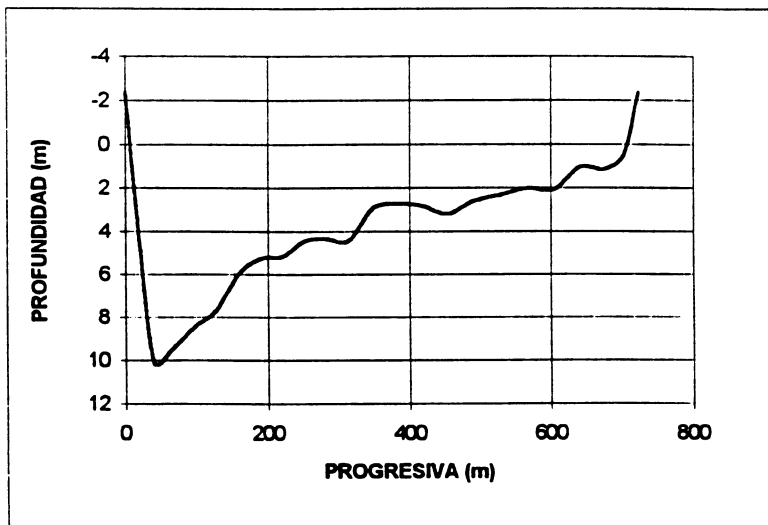
0	-2.47
30	-1.42
39	-1.01
53	-1.37
74	0.31
102	0.41
131	0.82
160	1.64
185	2.1
212	2.46
244	2.97
279	3.88
316	4.6
350	5.26
382	5.93
414	8.63
446	9.9
477	10.52
507	12.56
536	11.13
565	11.28
593	11.23
621	8.48
649	6.54
675	7.2
700	5.01
725	5.26
751	3.88
776	4.39
802	4.7
830	5.52
860	3.88
889	4.29
917	4.39
948	4.6
977	3.07
1008	2.76
1037	3.07
1066	3.27
1097	3.58
1128	3.17
1159	2.51
1191	2.86
1224	2.46
1256	2.8
1288	2.3
1320	1.69
1352	1.9
1384	2.55



<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1384	2.55
1415	2
1447	1.19
1479	0.18
1511	-0.22
1536	-0.32
1686	-2.47

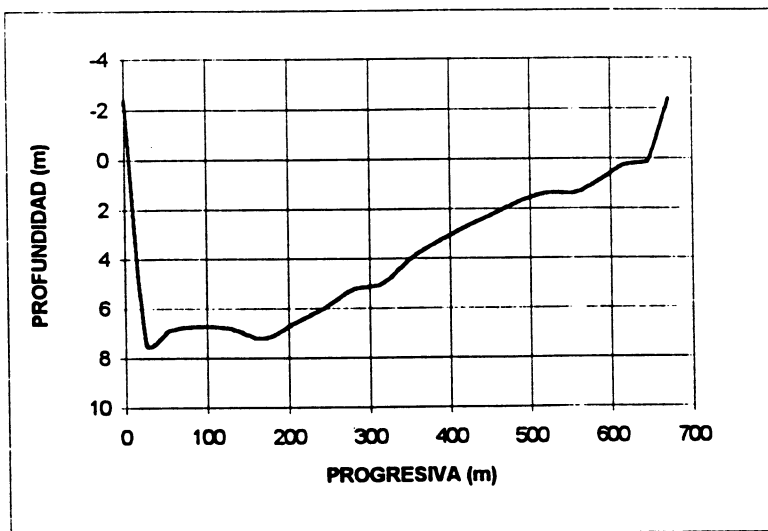
# **CRUCE Km 1212** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
309	321509	6964451
Progresiva (m)	Profundidad (m)	
0	-2.33	
30	8.38	
40	10.19	
65	9.49	
95	8.48	
126	7.72	
159	5.96	
190	5.26	
220	5.16	
252	4.45	
283	4.35	
314	4.45	
348	2.94	
381	2.74	
417	2.84	
454	3.19	
490	2.64	
528	2.34	
566	2.04	
604	2.09	
641	1.03	
675	1.13	
703	0.42	
723	-2.33	



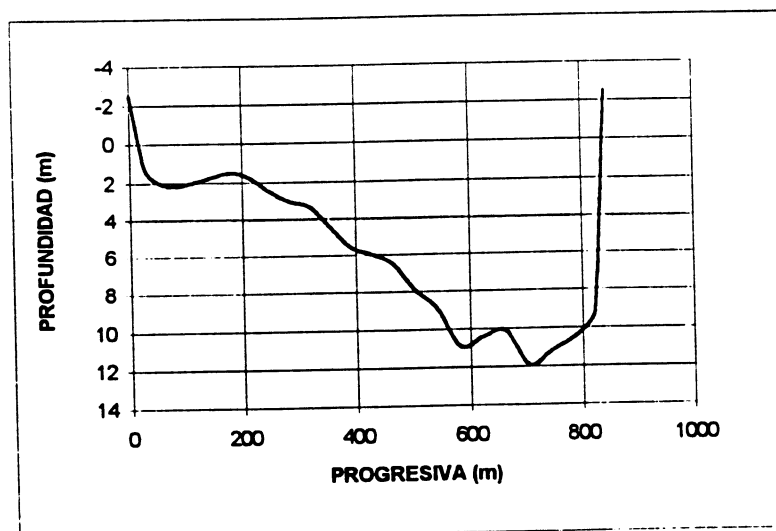
**CRUCE Km 1214**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
274	322203	6965949
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.38	
25	7.42	
52	6.92	
90	6.72	
129	6.82	
168	7.22	
206	6.62	
244	6.01	
280	5.26	
316	5.01	
351	4	
386	3.29	
421	2.69	
455	2.19	
489	1.68	
522	1.38	
555	1.38	
586	0.88	
615	0.27	
637	0.17	
646	0.07	
671	-2.38	



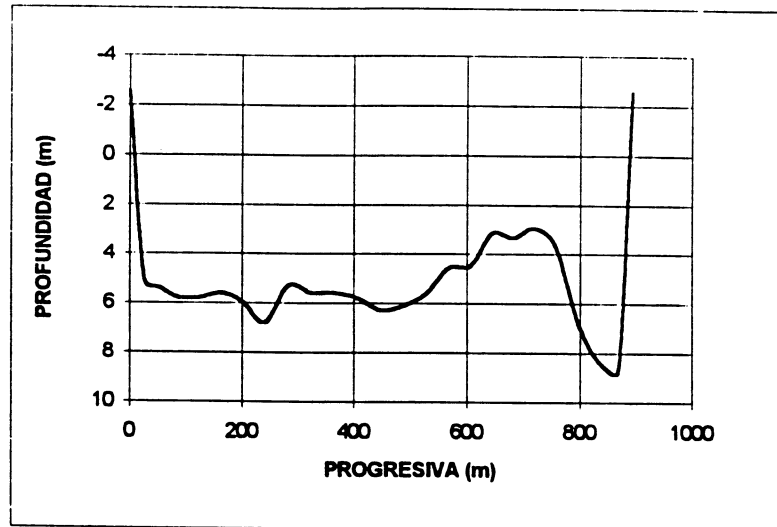
**CRUCE Km 1218**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
305	323547	6968986
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.48	
25	1.2	
45	1.91	
76	2.21	
111	2.01	
147	1.71	
182	1.5	
216	1.81	
251	2.52	
284	3.03	
319	3.33	
354	4.44	
390	5.56	
426	5.96	
464	6.47	
502	7.89	
541	8.9	
581	10.93	
621	10.42	
661	10.12	
702	11.94	
742	11.23	
778	10.63	
804	10.02	
822	9.11	
842	-2.48	



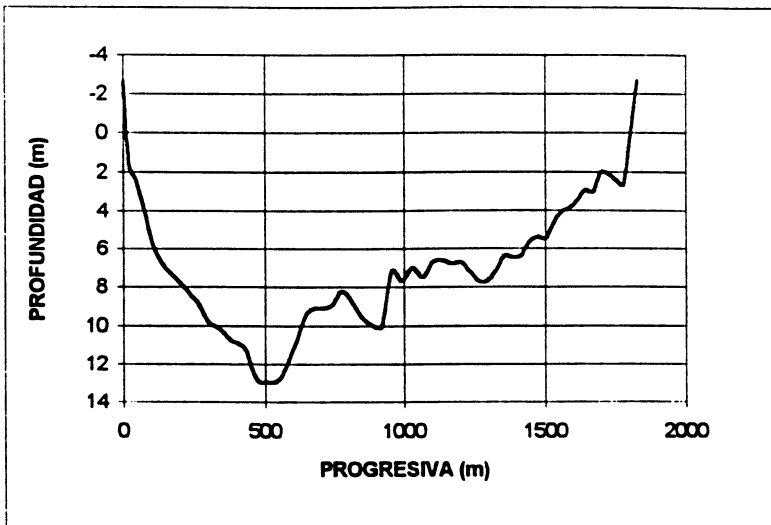
**CRUCE Km 1221**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
332	325134	6970663
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.55	
25	5.08	
52	5.39	
86	5.79	
124	5.79	
163	5.59	
202	6	
241	6.81	
282	5.29	
324	5.59	
365	5.59	
406	5.79	
450	6.3	
489	6.1	
528	5.59	
567	4.58	
606	4.48	
643	3.16	
680	3.36	
718	2.96	
755	3.66	
794	6.71	
832	8.33	
868	8.73	
893	-2.55	



**CRUCE Km 1225**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
140	328808	6971613
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.66	
20	1.63	
43	2.44	
72	3.96	
105	5.89	
139	6.9	
173	7.41	
205	7.91	
235	8.42	
265	8.93	
294	9.74	
322	10.04	
350	10.35	
376	10.75	
404	10.95	
430	11.26	
457	12.47	
482	12.98	
508	12.98	
533	12.98	
559	12.68	
586	11.76	
614	10.75	
644	9.53	
675	9.13	
707	9.13	
741	8.93	
777	8.22	
811	8.72	
847	9.53	
882	9.94	
918	10.04	
955	7.2	
992	7.71	
1029	7	
1065	7.51	
1101	6.7	
1136	6.6	
1170	6.8	
1201	6.7	
1233	7.2	
1264	7.71	
1294	7.71	
1324	7.2	
1354	6.39	
1383	6.49	
1414	6.39	
1443	5.68	
1473	5.38	

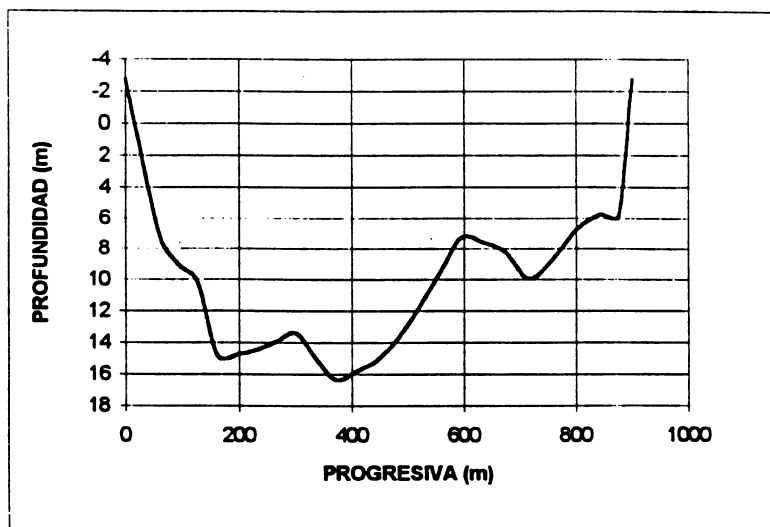


<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
1502	5.48
1530	4.67
1558	4.06
1586	3.86
1614	3.45
1642	2.95
1670	3.05
1698	2.03
1726	2.14
1753	2.44
1778	2.64
1828	-2.66



# **CRUCE Km 1228** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
337	333110	6971656
Progresiva (m)	Profundidad (m)	
0	-2.75	
60	7.18	
95	9.11	
126	10.13	
161	14.83	
198	14.73	
233	14.42	
267	13.91	
301	13.4	
336	15.03	
371	16.36	
407	15.85	
444	15.13	
480	13.81	
518	11.87	
555	9.62	
594	7.28	
633	7.58	
673	8.2	
714	9.93	
756	8.71	
800	6.77	
843	5.75	
875	5.85	
900	-2.75	

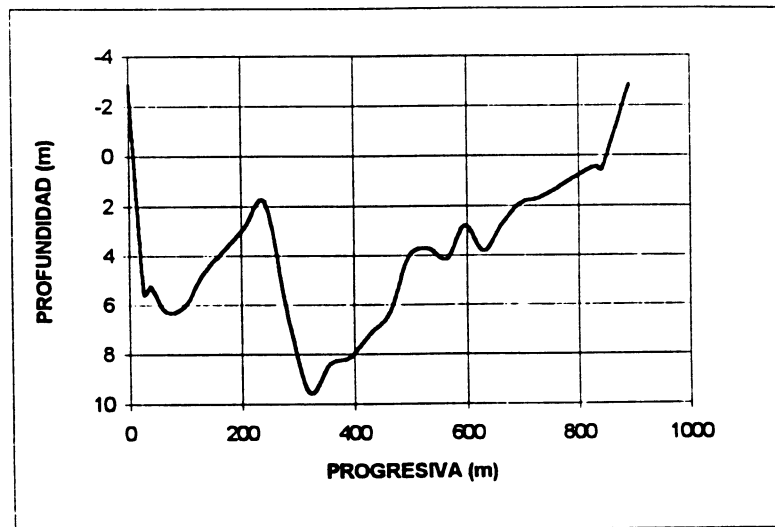


**CRUCE Km 1232**  
(Tramo Santa Fé - Asunción)

**Rumbo**                      **Este**                      **Norte**  
138                              335392                      6974491

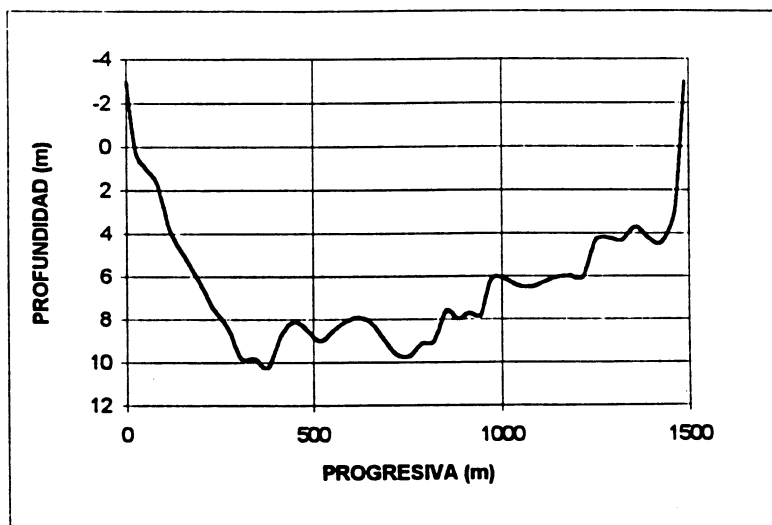
**Progresiva (m)**    **Profundidad (m)**

0	-2.83
25	5.57
37	5.26
64	6.28
97	6.08
131	4.75
167	3.83
205	2.91
243	1.89
283	6.59
320	9.54
356	8.42
393	8.12
428	7.2
463	6.33
497	4.03
531	3.73
563	4.14
595	2.81
629	3.83
661	2.76
695	1.89
728	1.69
756	1.38
784	0.97
809	0.67
832	0.46
841	0.57
891	-2.83



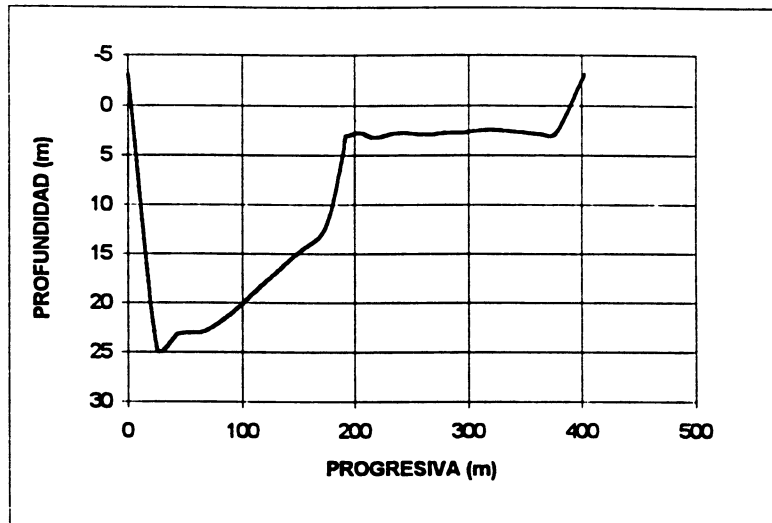
**CRUCE Km 1236**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
325	338608	6975944
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.94	
25	0.25	
50	0.97	
81	1.68	
117	3.92	
155	5.05	
194	6.27	
232	7.5	
269	8.41	
305	9.84	
341	9.84	
378	10.25	
413	8.72	
449	8.11	
484	8.52	
518	9.03	
554	8.52	
588	8.11	
621	7.9	
654	8.21	
686	8.92	
719	9.64	
753	9.74	
786	9.13	
819	9.03	
852	7.6	
883	8.01	
913	7.7	
944	7.8	
976	6.07	
1049	6.48	
1081	6.48	
1114	6.27	
1146	6.07	
1179	5.97	
1214	6.07	
1249	4.33	
1283	4.23	
1319	4.33	
1355	3.72	
1391	4.23	
1426	4.43	
1463	2.9	
1488	-2.94	



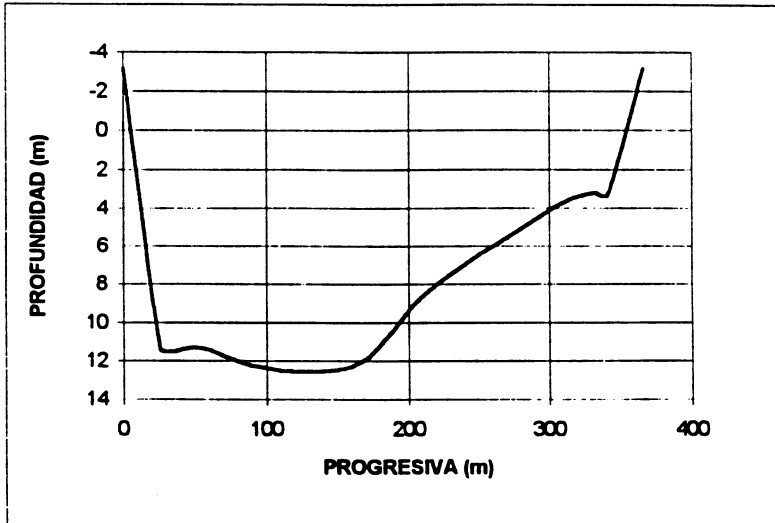
**CRUCE Km 1242**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
43	340792	6980484
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.09	
25	24.69	
43	23.16	
67	22.86	
93	20.82	
121	17.86	
149	15	
174	12.45	
188	5.82	
192	3.06	
193	3.06	
204	2.75	
217	3.26	
231	2.86	
246	2.75	
262	2.96	
278	2.75	
293	2.75	
316	2.45	
341	2.65	
362	2.86	
377	2.75	
402	-3.09	



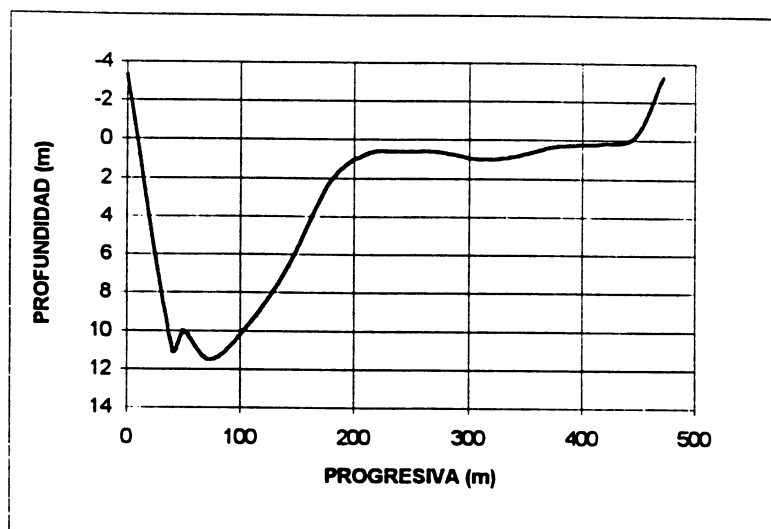
**CRUCE Km 1245**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
287	342412	6983427
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.16	
25	11.36	
32	11.56	
54	11.36	
89	12.28	
130	12.58	
169	11.97	
207	8.81	
242	6.87	
277	5.24	
310	3.7	
332	3.19	
341	3.3	
366	-3.16	



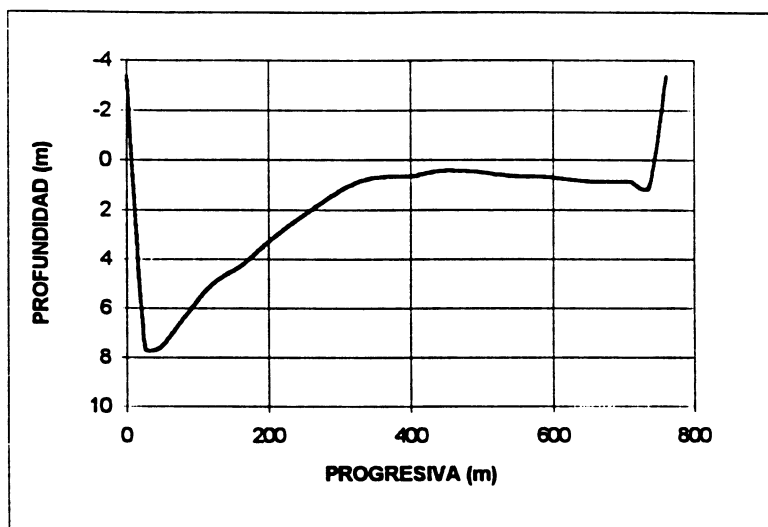
# **CRUCE Km 1250** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
257	342425	6987421
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.29	
40	11.02	
50	10	
74	11.53	
107	9.7	
142	6.64	
178	2.25	
212	0.72	
242	0.62	
273	0.62	
308	1.02	
343	0.82	
378	0.31	
414	0.21	
447	-0.2	
472	-3.29	



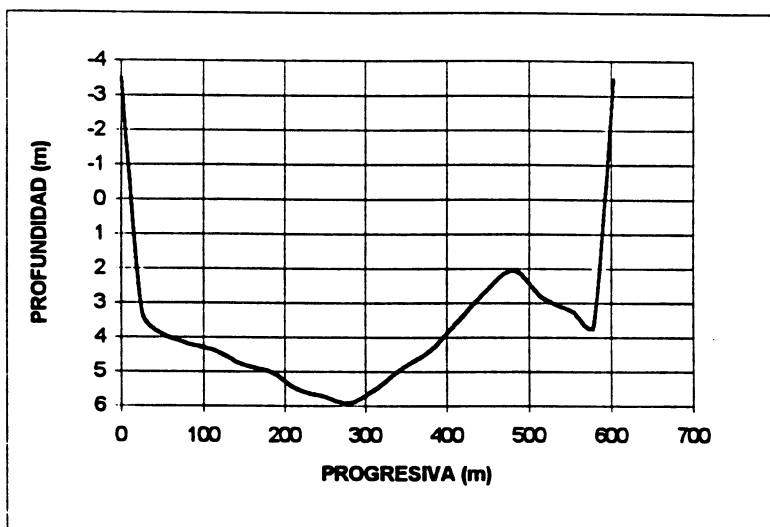
**CRUCE Km 1252**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
211	340489	6989434
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.34	
25	7.61	
47	7.61	
81	6.38	
120	5.06	
162	4.24	
203	3.22	
245	2.3	
288	1.48	
328	0.87	
364	0.67	
400	0.67	
439	0.46	
479	0.46	
517	0.57	
554	0.67	
588	0.67	
622	0.77	
652	0.87	
682	0.87	
710	0.87	
736	1.08	
761	-3.34	



**CRUCE Km 1260**  
(Tramo Santa Fé - Asunción)

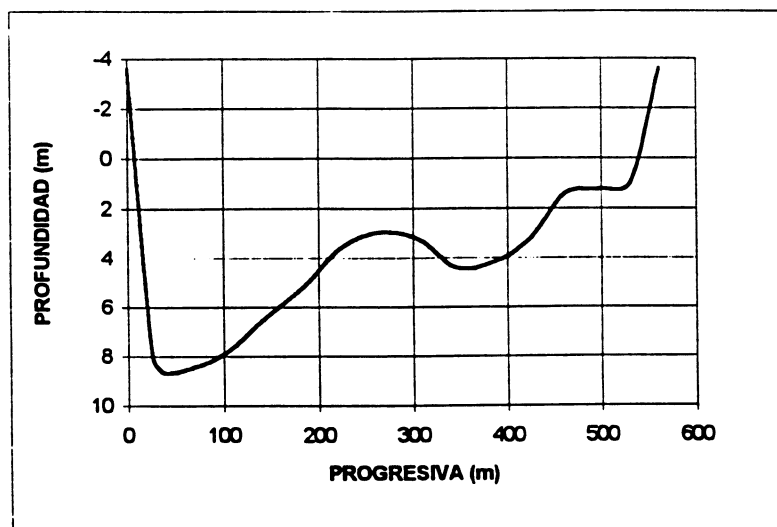
Rumbo	Este	Norte
108	335203	6995235
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.49	
25	3.27	
47	3.88	
80	4.19	
114	4.39	
148	4.8	
183	5.01	
215	5.52	
247	5.72	
279	5.93	
312	5.52	
345	4.91	
379	4.39	
412	3.58	
447	2.66	
481	2.05	
516	2.86	
554	3.27	
578	3.68	
603	-3.49	





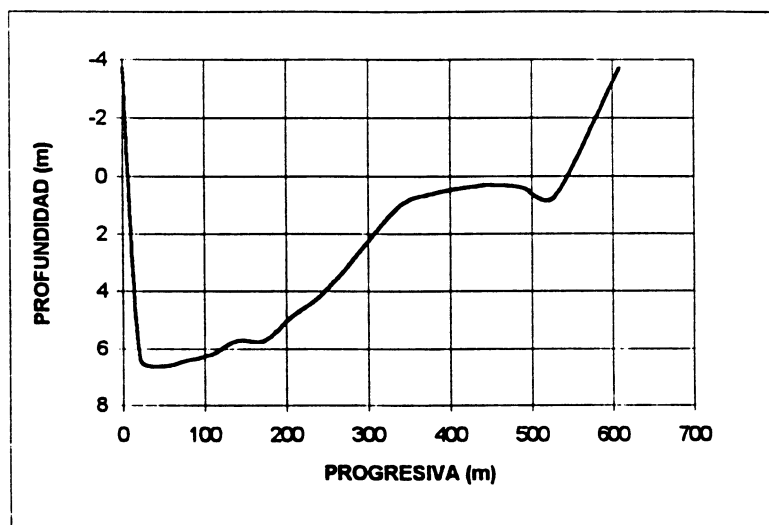
**CRUCE Km 1265**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
161	337561	6999571
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.6	
25	7.96	
37	8.67	
66	8.47	
103	7.86	
144	6.43	
183	5.2	
224	3.57	
265	2.96	
306	3.26	
345	4.39	
385	4.18	
423	3.26	
460	1.43	
497	1.22	
531	0.92	
561	-3.6	



**CRUCE Km 1269**  
(Tramo Santa Fé - Asunción)

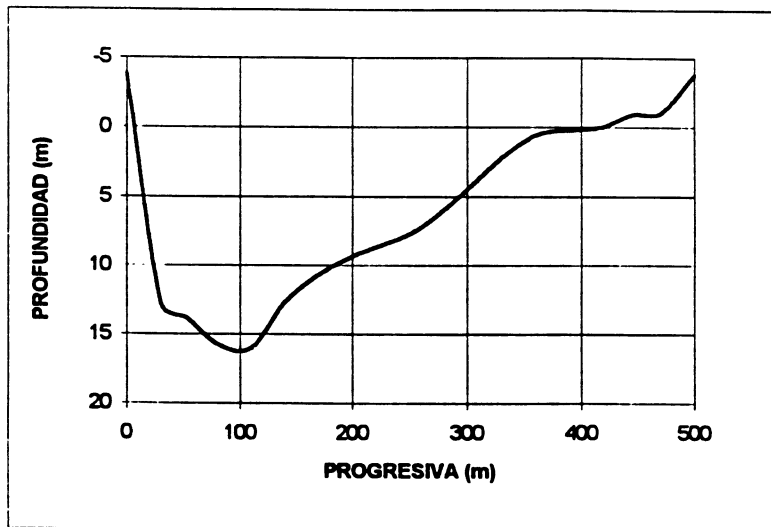
Rumbo	Este	Norte
360	341652	7000632
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.7	
20	6.33	
49	6.63	
76	6.43	
108	6.23	
140	5.72	
173	5.72	
206	4.9	
241	4.18	
275	3.16	
309	1.94	
343	0.92	
378	0.61	
413	0.41	
451	0.31	
489	0.41	
528	0.72	
608	-3.7	



**CRUCE Km 1273**  
(Tramo Santa Fé - Asunción)

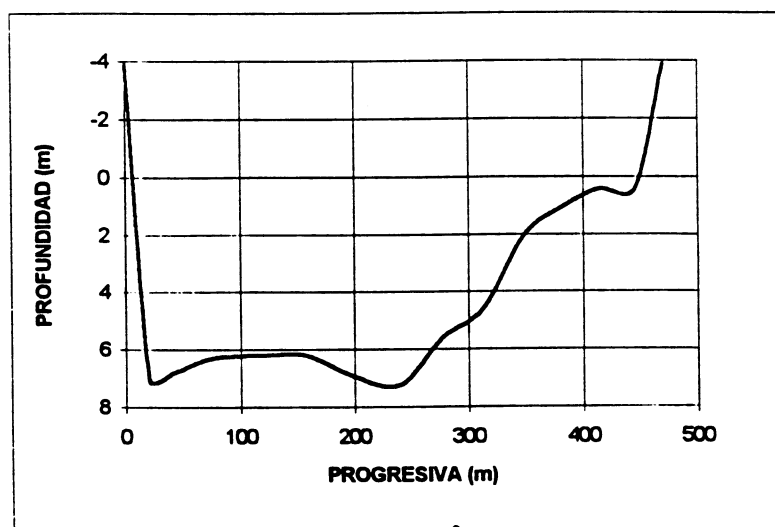
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
21	345426	7000134

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
0	-3.8
30	12.76
52	13.78
81	15.82
110	16.02
139	12.76
168	10.82
196	9.49
225	8.57
254	7.55
282	5.82
309	3.78
336	1.84
363	0.51
392	0.21
418	0
446	-0.92
470	-1.02
500	-3.8



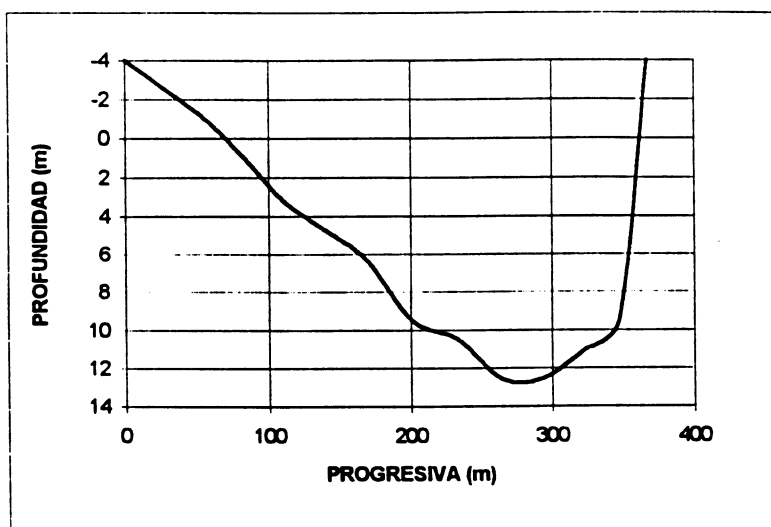
**CRUCE Km 1277**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
265	345796	7003486
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.9	
20	7.05	
39	6.84	
73	6.33	
114	6.23	
157	6.23	
199	6.94	
240	7.25	
277	5.62	
313	4.6	
348	2.05	
382	1.03	
414	0.41	
445	0.41	
470	-3.9	



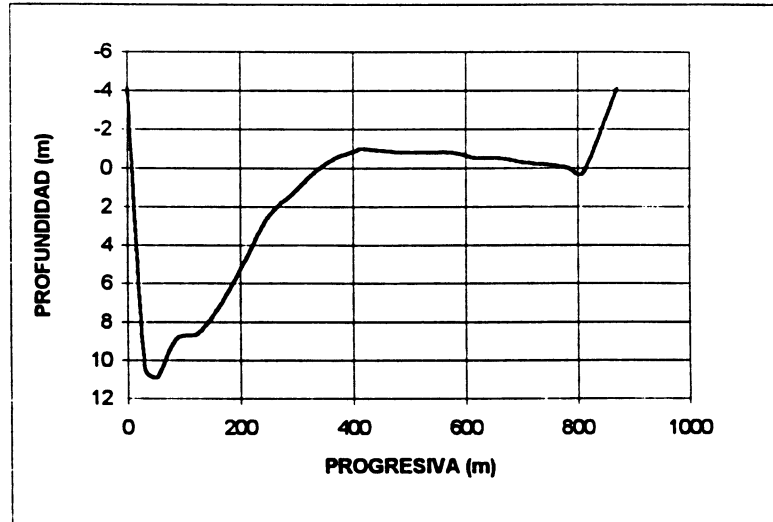
**CRUCE Km 1280**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
245	345430	7007337
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4	
50	-1.32	
66	-0.3	
87	1.33	
111	3.27	
139	4.7	
169	6.33	
201	9.5	
234	10.52	
264	12.56	
293	12.56	
323	11.03	
347	9.5	
367	-4	



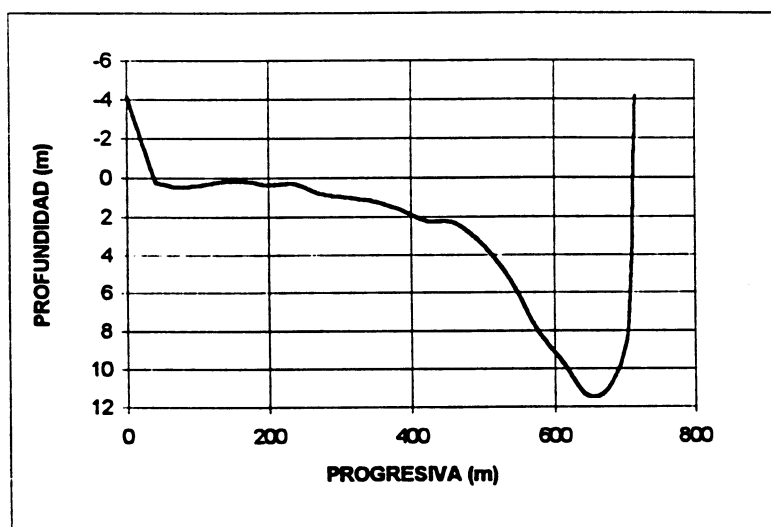
**CRUCE Km 1284**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
214	348325	7008892
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.09	
30	10.43	
50	10.94	
85	8.9	
125	8.59	
166	7.06	
208	4.82	
250	2.47	
292	1.35	
331	0.22	
369	-0.49	
406	-0.9	
414	-1	
453	-0.9	
493	-0.8	
534	-0.8	
575	-0.8	
617	-0.49	
659	-0.49	
701	-0.29	
743	-0.18	
782	0.02	
810	0.22	
870	-4.09	



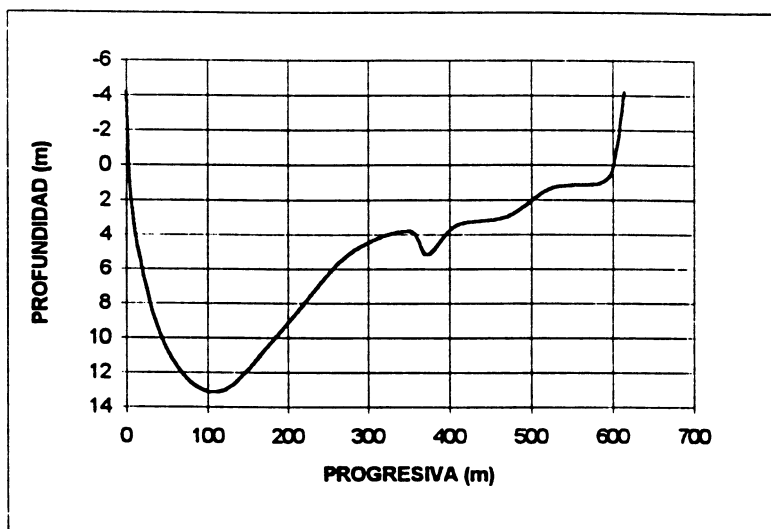
**CRUCE Km 1285**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
46	348833	7007690
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.12	
40	0.19	
46	0.3	
71	0.5	
103	0.4	
135	0.19	
167	0.19	
200	0.4	
235	0.3	
271	0.81	
308	1.01	
346	1.21	
384	1.62	
422	2.23	
460	2.34	
499	3.46	
537	5.3	
575	7.95	
611	9.68	
646	11.42	
678	10.91	
705	7.85	
715	-4.12	



**CRUCE Km 1286 A**  
(Tramo Santa Fé - Asunción)

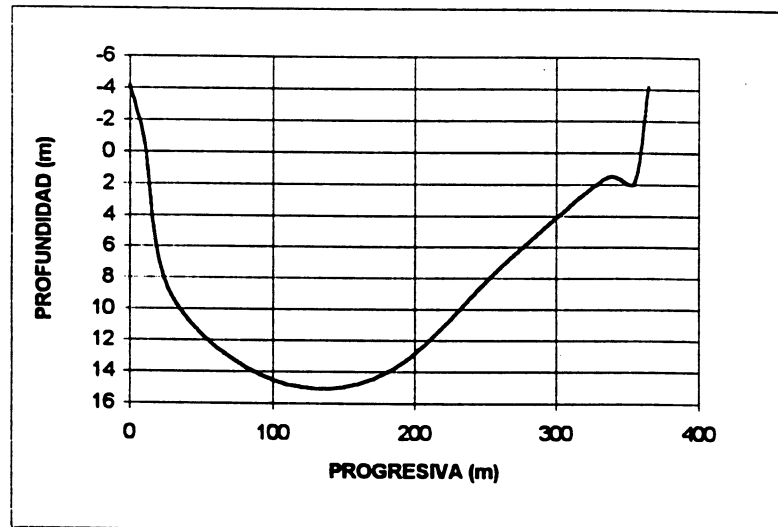
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
255	349664	7007568
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.17	
10	3.58	
49	10.63	
113	13.15	
192	9.62	
273	5.29	
349	3.78	
372	5.19	
409	3.48	
470	2.98	
525	1.32	
588	0.96	
604	-0.65	
614	-4.17	





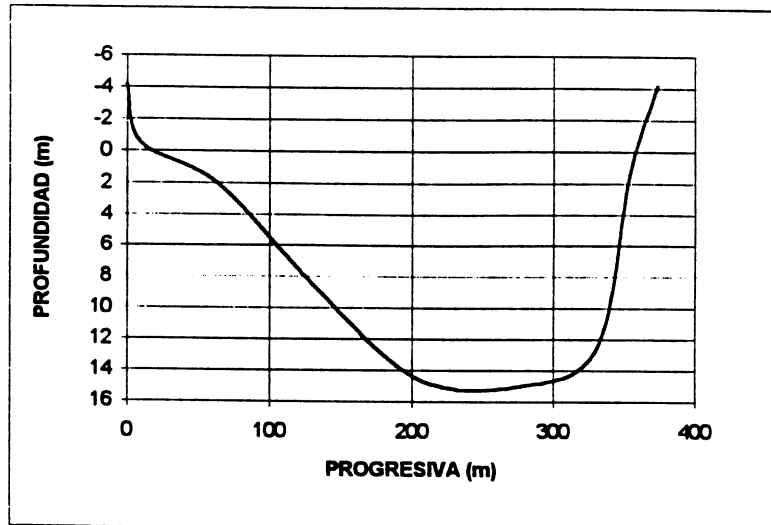
**CRUCE Km 1286 B**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
124	349118	7006650
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.17	
10	-0.77	
29	9.13	
100	14.53	
181	14.03	
266	6.83	
335	1.63	
355	1.93	
365	-4.17	



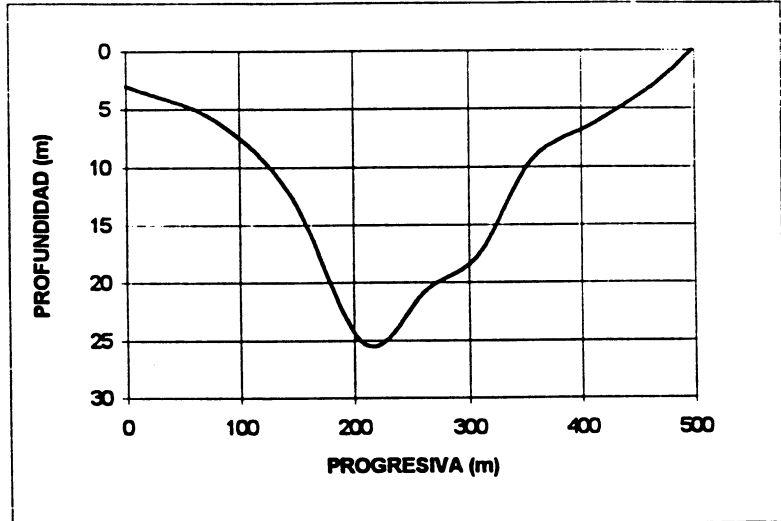
**CRUCE Km 1286 C**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
252	349420	7006256
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.17	
10	-0.47	
65	2.13	
133	8.73	
204	14.53	
276	15.03	
331	12.53	
354	1.53	
374	-4.17	



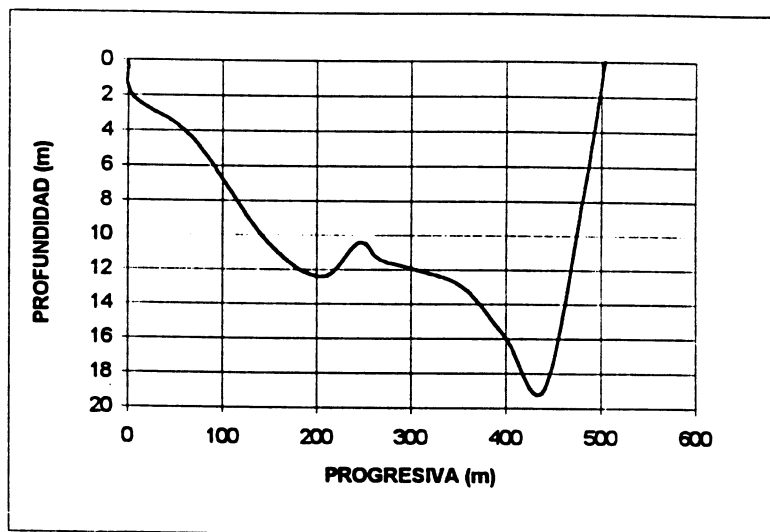
**CRUCE Km 1286 D**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
58	349184	7005707
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	2.98	
80	6.06	
145	12.42	
209	25.34	
264	20.57	
309	17.59	
356	9.44	
413	6.21	
462	3.18	
498	0	



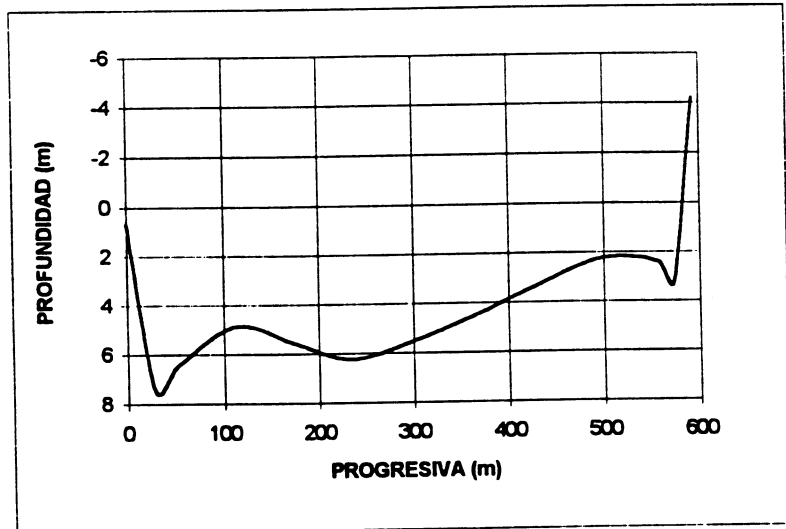
# **CRUCE Km 1286 E** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
175	349727	7005921
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	0.1	
6	2.09	
69	4.48	
148	10.44	
206	12.42	
246	10.44	
268	11.43	
307	12.03	
355	13.02	
399	15.9	
441	18.88	
483	7.06	
504	0	



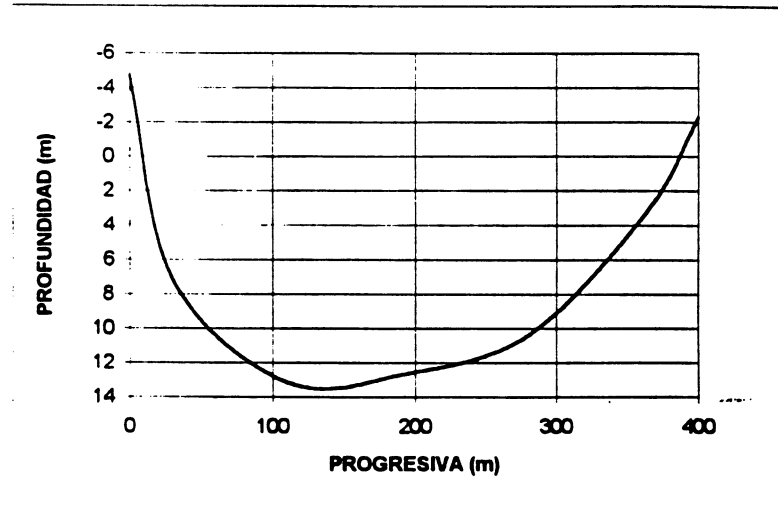
**CRUCE Km 1286 F**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
324	350336	7005376
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	0.7	
28	7.46	
52	6.46	
113	4.87	
173	5.57	
234	6.26	
297	5.57	
361	4.57	
428	3.38	
497	2.24	
557	2.39	
573	3.28	
593	-4.17	



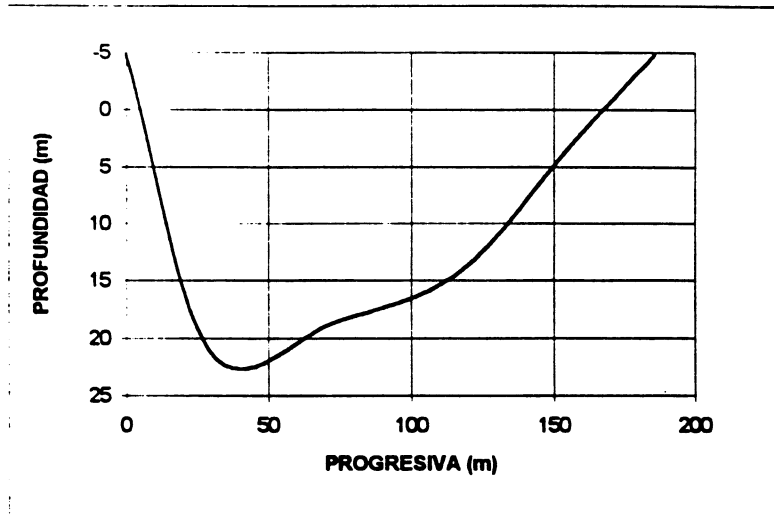
**CRUCE Km 1339**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
25	368329	7034105
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.71	
30	7.12	
110	13.16	
194	12.66	
281	10.34	
365	3.09	
400	-2.3	



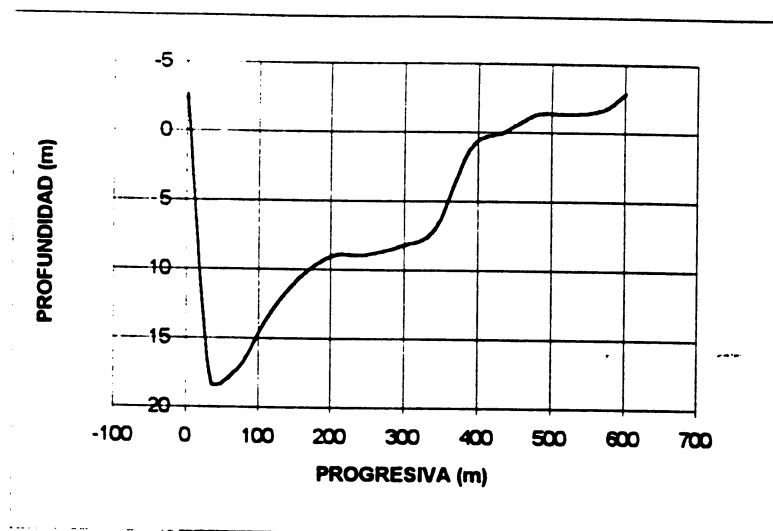
**CRUCE Km 1344**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
148	372024	7035303
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.78	
30	21.28	
74	18.55	
117	14.21	
156	3.1	
186	-4.78	



**CRUCE Km 1347**  
(Tramo Santa Fé - Asunción)

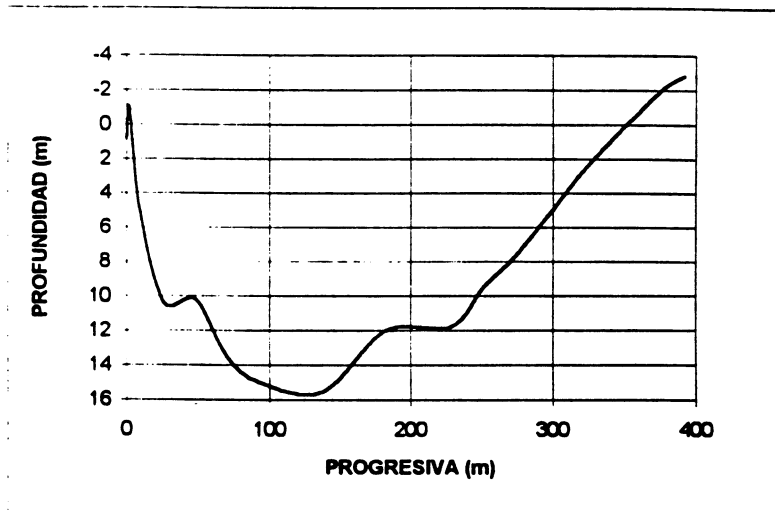
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
68	370959	7038628
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.25	
1	-2.56	
34	18.08	
74	17.08	
112	13.55	
156	10.68	
203	9.02	
249	8.92	
297	8.27	
343	7.01	
391	1.17	
437	-0.04	
482	-1.35	
528	-1.35	
571	-1.65	
602	-2.86	





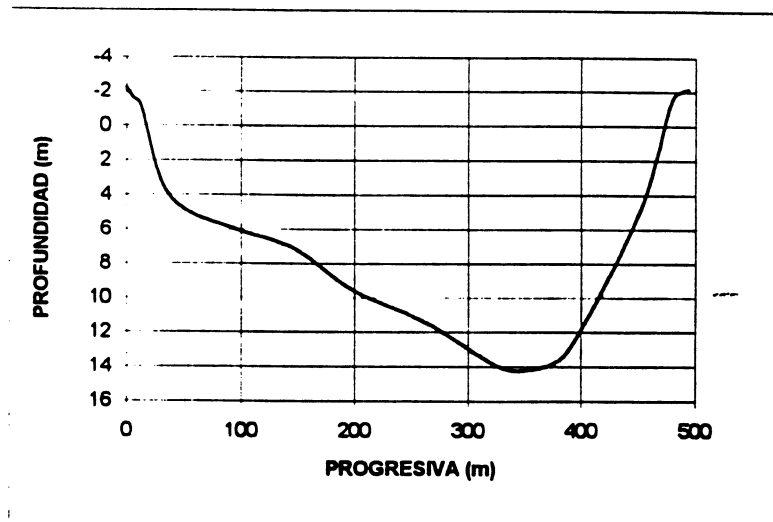
**CRUCE Km 1350**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
31	373813	7039078
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	0.84	
2	-0.94	
9	4.88	
26	10.38	
48	10.18	
70	13.5	
93	15.01	
138	15.52	
183	11.99	
229	11.79	
252	9.48	
276	7.46	
324	2.43	
375	-1.9	
392	-2.81	



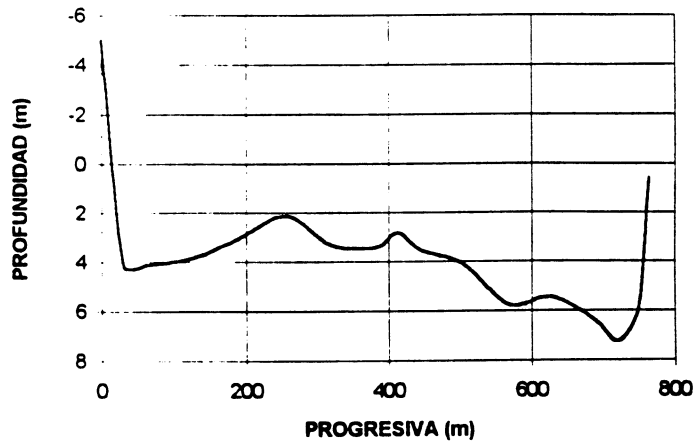
**CRUCE Km 1355**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
84	375861	7041140
<b>Progresiva (m)</b>	<b>Profundidad (m)</b>	
0	-2.2	
6	-1.66	
13	-1.16	
30	3.07	
52	4.88	
100	6.09	
149	7.2	
200	9.62	
262	11.43	
326	13.95	
357	14.15	
389	13.04	
452	4.88	
480	-1.56	
494	-2.16	



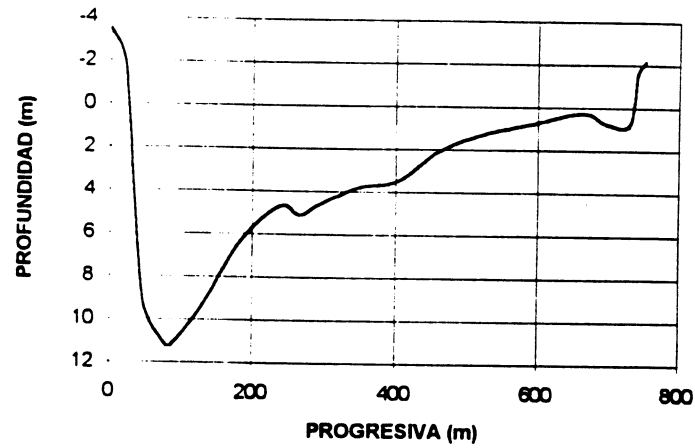
**CRUCE Km 1359**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
89	374603	7044910
Progresiva (m)	Profundidad (m)	
0	-4.98	
30	4.11	
62	4.13	
128	3.83	
192	3.02	
256	2.12	
319	3.32	
382	3.43	
413	2.82	
444	3.53	
505	4.13	
568	5.74	
629	5.44	
691	6.45	
721	7.25	
750	5.84	
764	0.61	



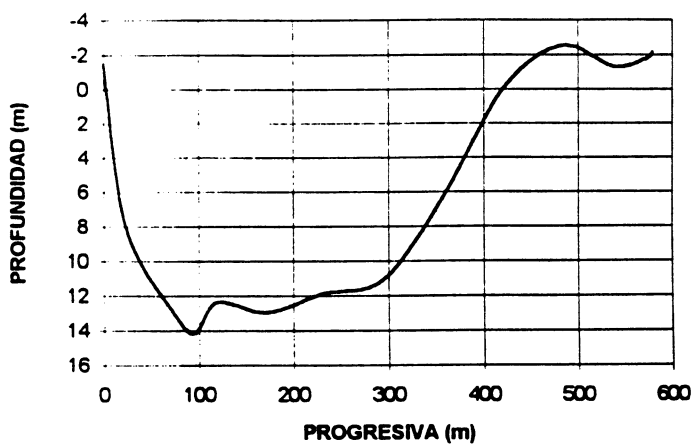
**CRUCE Km 1361**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
276	375527	7048019
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.46	
21	-1.95	
47	9.02	
79	11.14	
87	11.24	
131	9.33	
185	6.31	
239	4.69	
267	5.1	
294	4.59	
350	3.79	
404	3.49	
461	2.08	
526	1.27	
594	0.77	
663	0.26	
698	0.77	
731	0.77	
741	-1.55	
752	-2.15	



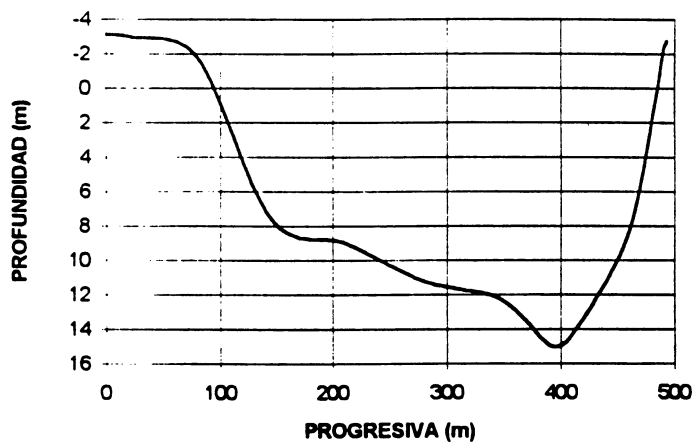
**CRUCE Km 1363 A**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
65	374657	7049591
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-1.47	
23	7.97	
71	12.77	
95	14.18	
119	12.37	
172	12.97	
233	11.86	
295	11.06	
358	6.22	
421	-0.12	
483	-2.53	
538	-1.33	
574	-1.83	
579	-2.13	



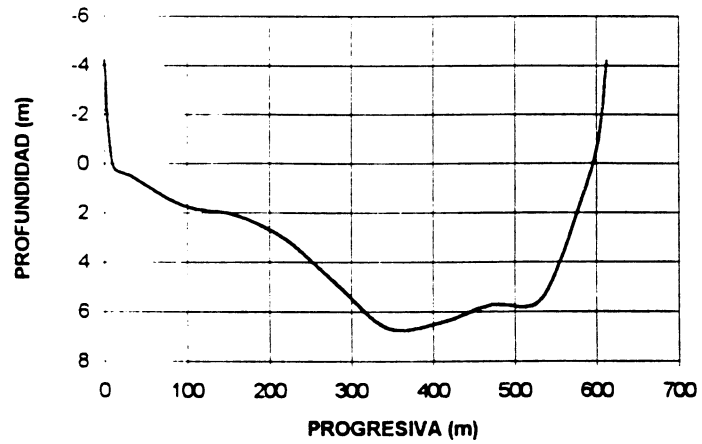
**CRUCE Km 1363 B**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
259	374636	7050594
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.16	
23	-2.96	
80	-1.77	
145	7.57	
213	9.04	
281	11.26	
348	12.27	
391	14.98	
409	14.38	
458	8.74	
482	1.09	
490	-2.33	
493	-2.74	



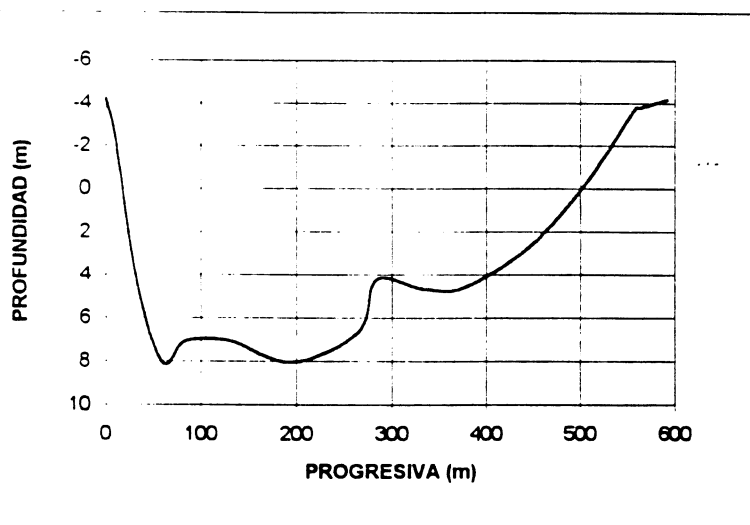
**CRUCE Km 1286 G**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
119	350167	7006084
Progresiva (m)	Profundidad (m)	
0	-4.17	
10	0	
32	0.5	
95	1.69	
158	2.09	
220	3.08	
282	4.87	
344	6.66	
408	6.46	
471	5.72	
533	5.47	
580	1.59	
603	-0.99	
613	-4.17	



**CRUCE Km 1286 H**  
(Tramo Santa Fé - Asunción)

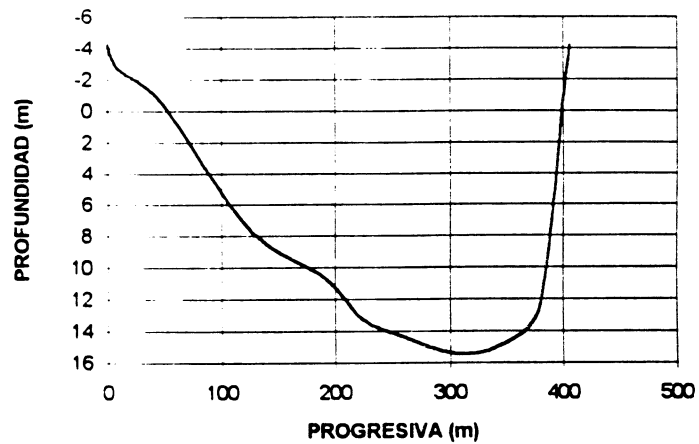
Rumbo	Este	Norte
303	350886	7006133
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.17	
10	-2.48	
33	4.38	
60	8.05	
84	7.06	
130	7.06	
195	8.05	
265	6.66	
284	4.23	
332	4.67	
377	4.57	
446	2.69	
509	-0.39	
559	-3.77	
562	-3.77	
592	-4.17	





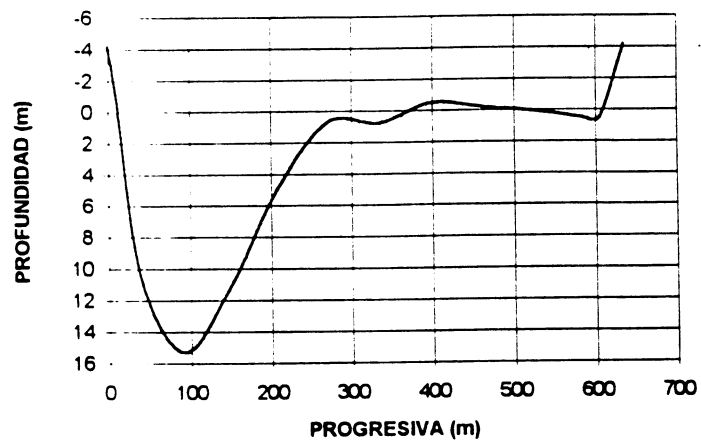
# **CRUCE Km 1286 I** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
94	350726	7006806
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.17	
10	-2.68	
47	-0.59	
124	7.46	
192	10.68	
223	13.22	
258	14.31	
304	15.4	
344	14.91	
379	12.42	
399	-0.49	
401	-1.24	
406	-4.17	



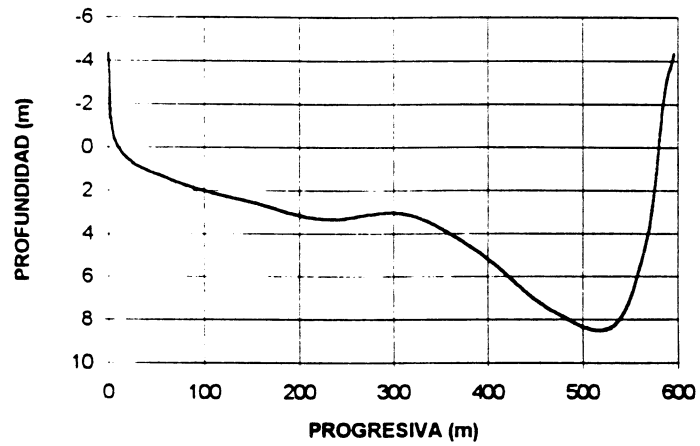
**CRUCE Km 1286 J**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
282	351407	7007779
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.17	
10	-0.99	
38	10.34	
90	15.31	
146	11.43	
208	4.97	
271	0.7	
335	0.8	
399	-0.49	
461	-0.19	
525	0.1	
580	0.5	
605	0.5	
635	-4.17	



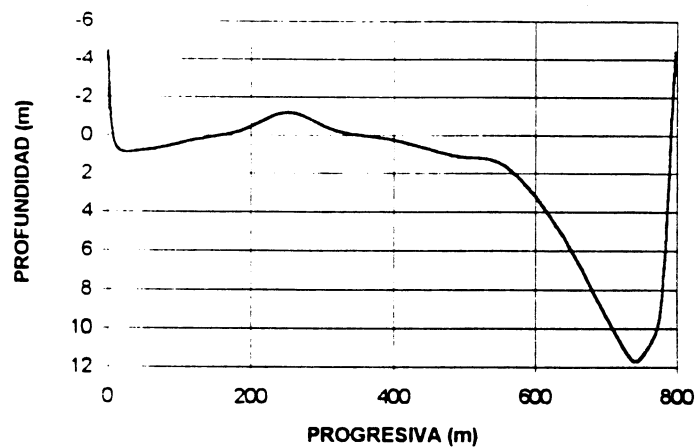
**CRUCE Km 1292**  
(Tramo Santa Fe - Asunción)

Rumbo	Este	Norte
67	350516	7008908
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.32	
10	-0.05	
71	1.59	
150	2.54	
227	3.33	
312	3.08	
392	4.92	
464	7.5	
532	8.3	
568	4.13	
586	-2.33	
596	-4.32	



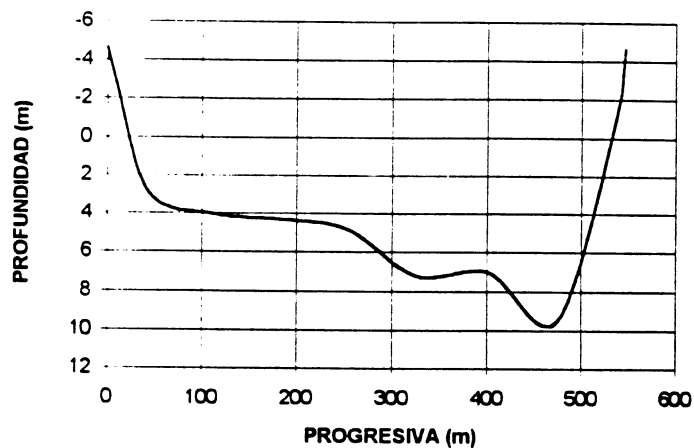
# **CRUCE Km 1295** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
329	350543	7012483
Progresiva (m)	Profundidad (m)	
0	-4.4	
10	0.47	
50	0.77	
117	0.27	
185	-0.23	
252	-1.22	
321	-0.23	
401	0.27	
482	1.07	
558	1.66	
635	5.04	
710	10.01	
744	11.7	
777	9.31	
797	-4.4	



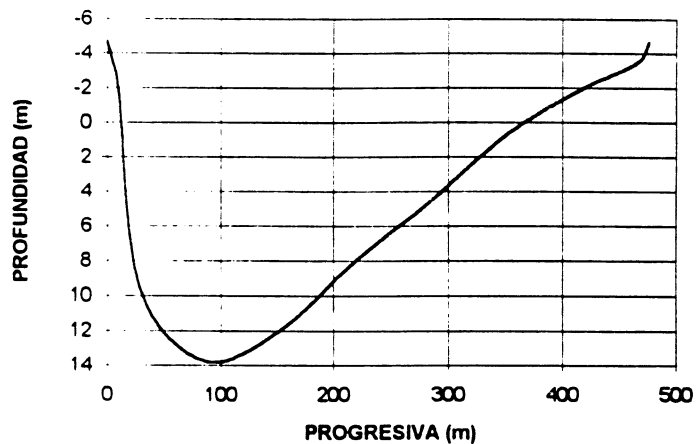
# **CRUCE Km 1304** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
62	351669	7018548
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.62	
10	-2.83	
44	2.93	
112	4.03	
183	4.32	
254	4.82	
326	7.2	
401	7.01	
475	9.49	
537	-0.94	
547	-4.62	



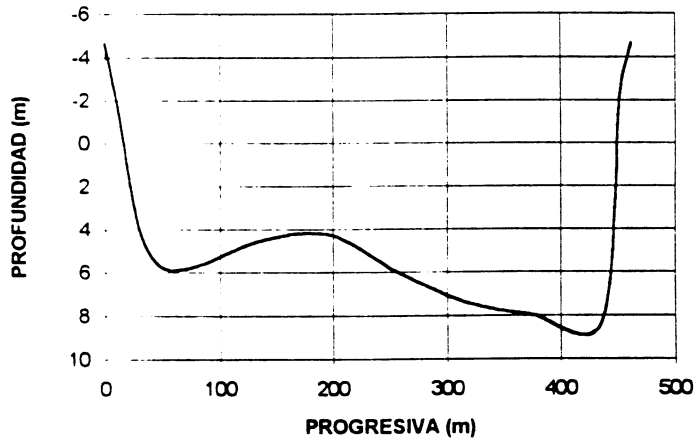
# **CRUCE Km 1307** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
33	353127	7020252
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.64	
10	-1.96	
28	9.47	
86	13.74	
153	11.95	
220	7.98	
286	4.5	
352	0.63	
418	-1.96	
466	-3.45	
476	-4.64	



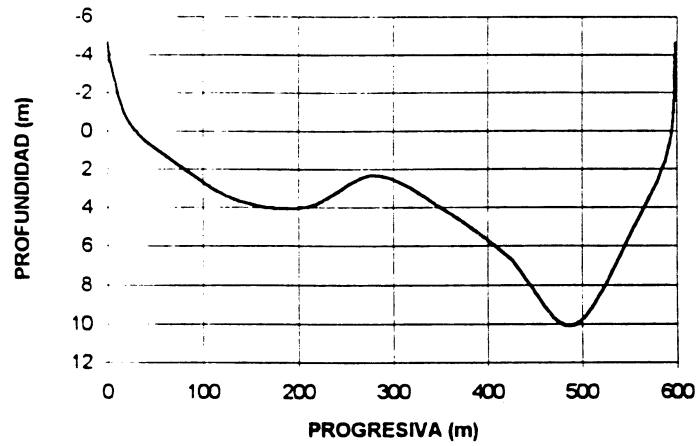
**CRUCE Km 1309**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
147	355689	7021195
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.64	
10	-2.06	
30	4.01	
49	5.74	
80	5.69	
137	4.5	
197	4.25	
257	5.99	
315	7.38	
374	7.98	
436	8.28	
452	-2.2	
462	-4.64	



**CRUCE Km 1315**  
(Tramo Santa Fé - Asunción)

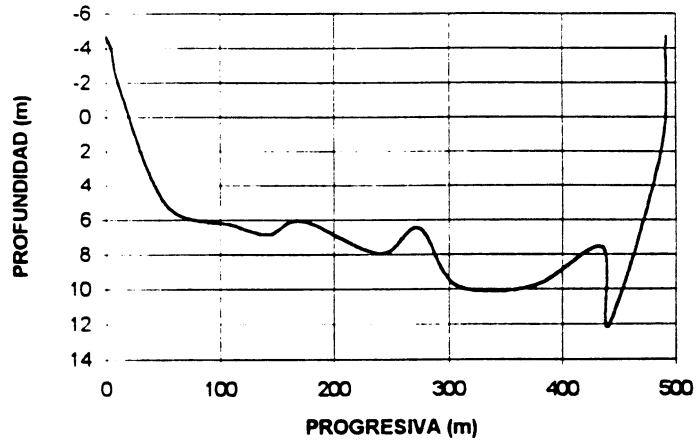
Rumbo	Este	Norte
335	360121	7023174
Progresiva (m)	Profundidad (m)	
0	-4.63	
5	-3.13	
24	-0.33	
74	1.77	
138	3.67	
210	3.97	
281	2.32	
352	4.07	
422	6.57	
490	10.07	
560	4.57	
593	0.57	
598	-4.63	





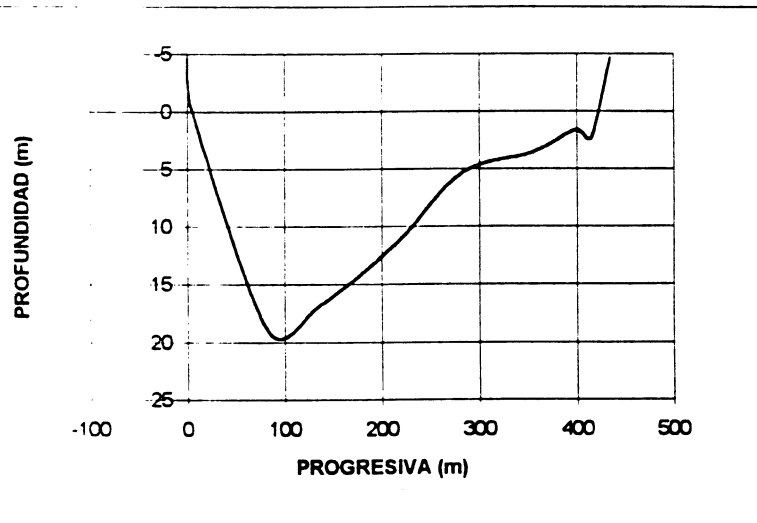
**CRUCE Km 1316**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
163	361014	7024413
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.63	
5	-3.93	
11	-1.93	
52	5.07	
110	6.27	
142	6.87	
173	6.07	
240	7.97	
274	6.47	
307	9.82	
376	9.77	
435	7.57	
441	12.07	
487	2.07	
492	-4.63	



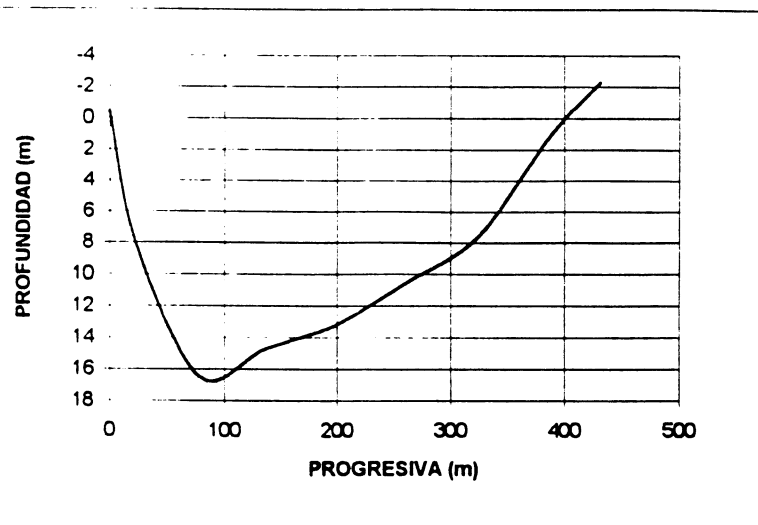
**CRUCE Km 1317**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
335	362273	7024283
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.63	
5	-0.18	
83	19.07	
137	16.82	
214	11.57	
282	5.37	
354	3.57	
399	1.57	
415	2.27	
435	-4.63	



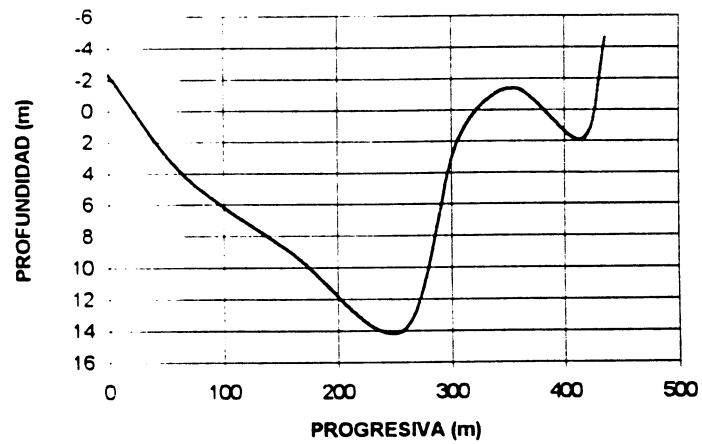
**CRUCE Km 1324**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
24	366126	7026914
Progresiva (m)	Profundidad (m)	
0	-0.41	
23	8.04	
78	16.48	
137	14.7	
199	13.21	
261	10.52	
325	7.54	
388	1.08	
432	-2.29	



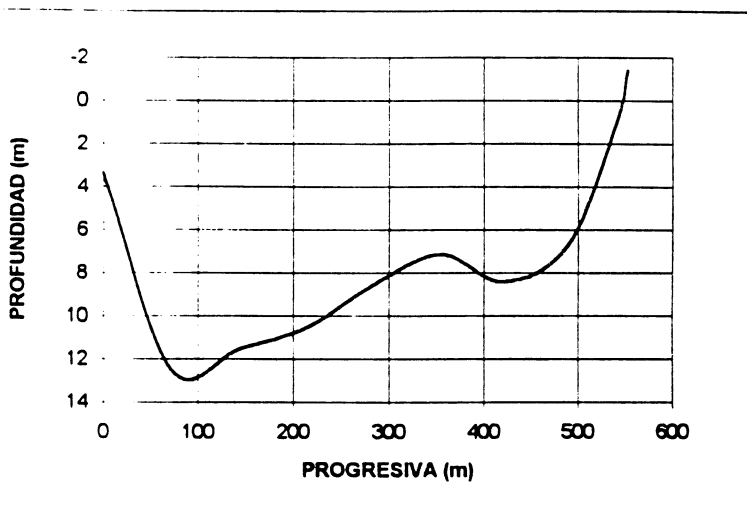
**CRUCE Km 1326**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
166	367297	7027251
Progresiva (m)	Profundidad (m)	
0	-2.29	
65	4.07	
159	9.03	
257	14	
306	1.88	
355	-1.4	
416	1.88	
436	-4.58	



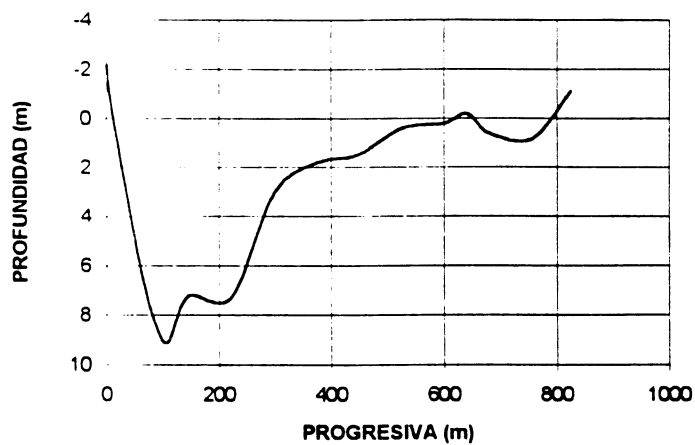
**CRUCE Km 1327**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
320	368630	7027384
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	3.37	
72	12.51	
145	11.52	
216	10.52	
285	8.54	
354	7.15	
421	8.44	
490	6.65	
543	0.79	
553	-1.4	



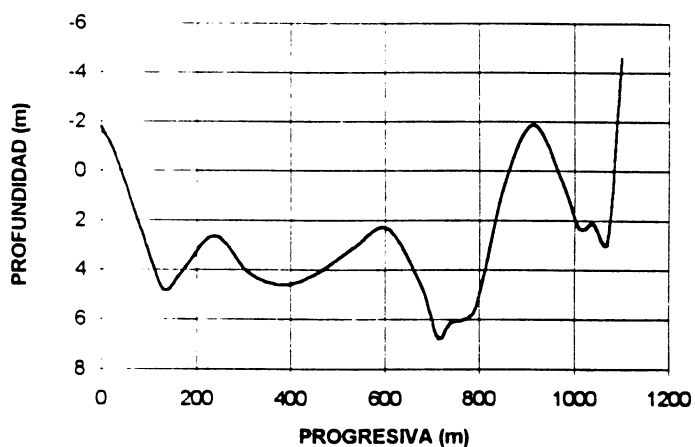
# **CRUCE Km 1328 A** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
99	368426	7028413
Progresiva (m)	Profundidad (m)	
0	-2.09	
1	-2.14	
6	-1	
65	6.55	
104	9.13	
144	7.24	
222	7.29	
299	3.07	
374	1.83	
450	1.48	
526	0.39	
602	0.19	
640	-0.21	
678	0.59	
755	0.84	
825	-1.1	



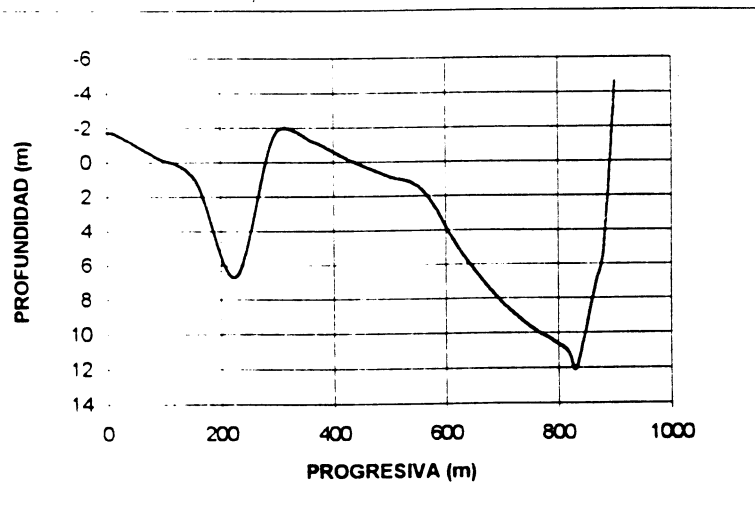
**CRUCE Km 1328 B**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
256	369482	7029353
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-1.78	
30	-0.63	
96	3.12	
132	4.82	
168	4.12	
239	2.62	
312	4.12	
386	4.62	
459	4.12	
533	3.12	
606	2.32	
678	4.62	
713	6.72	
740	6.12	
791	5.62	
852	0.62	
915	-1.88	
979	0.62	
1011	2.32	
1041	2.12	
1071	2.92	
1101	-4.58	



**CRUCE Km 1328 C**  
(Tramo Santa Fé - Asunción)

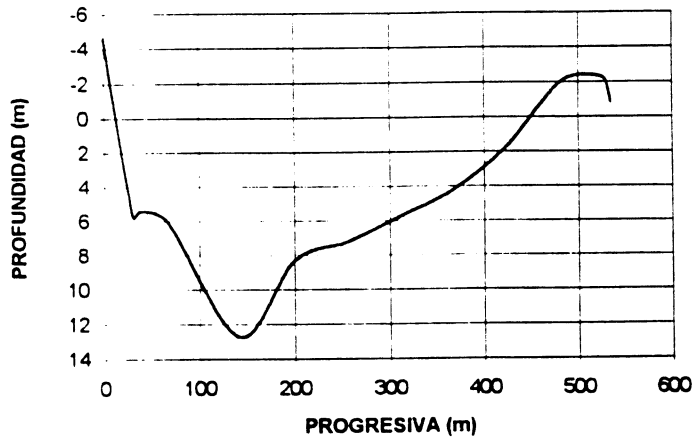
Rumbo	Este	Norte
52	368327	7029925
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-1.73	
14	-1.63	
85	-0.33	
156	1.07	
227	6.67	
296	-1.63	
362	-1.23	
427	-0.13	
493	0.77	
559	1.67	
625	5.17	
689	7.87	
752	9.67	
815	10.97	
833	11.97	
866	7.17	
881	5.17	
901	-4.58	





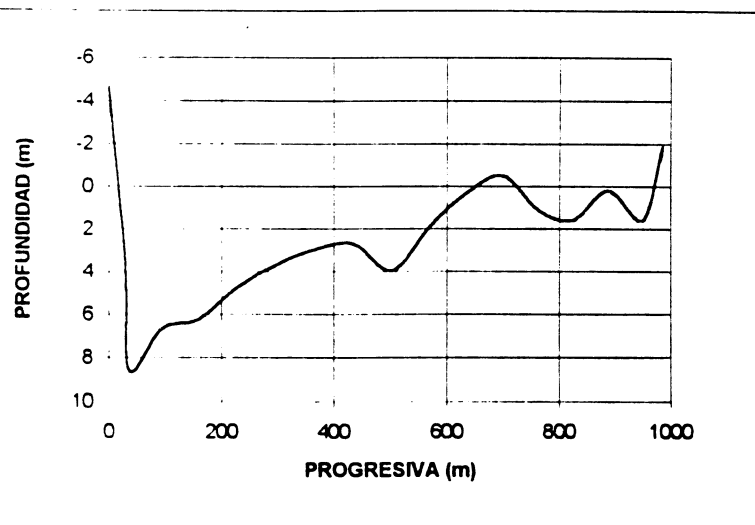
**CRUCE Km 1328 D**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
268	368628	7031344
Progresiva (m)	Profundidad (m)	
0	-4.58	
30	5.74	
37	5.44	
66	6	
141	12.73	
200	8.31	
257	7.21	
313	5.7	
367	4.2	
424	1.71	
481	-2.01	
523	-2.32	
531	-1.81	
535	-0.81	



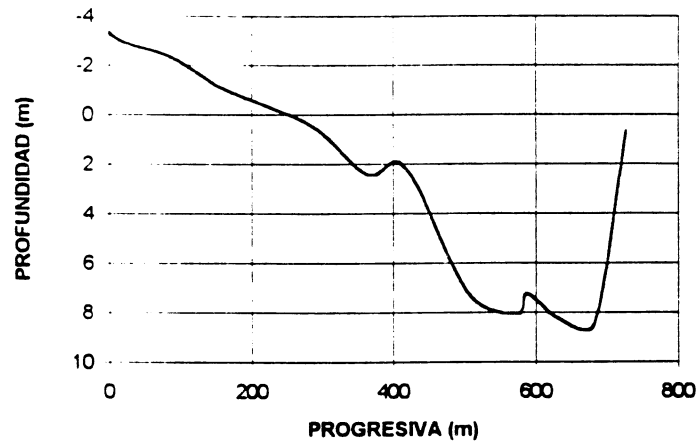
**CRUCE Km 1328 E**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
66	367146	7032202
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.58	
30	3.62	
36	8.59	
94	6.67	
160	6.24	
229	4.73	
297	3.72	
366	2.97	
435	2.72	
503	3.98	
569	1.91	
635	0.3	
699	-0.5	
762	1.11	
824	1.61	
888	0.2	
951	1.61	
985	-1.81	
983	-1.21	



**CRUCE Km 1328 F**  
(Tramo Santa Fé - Asunción)

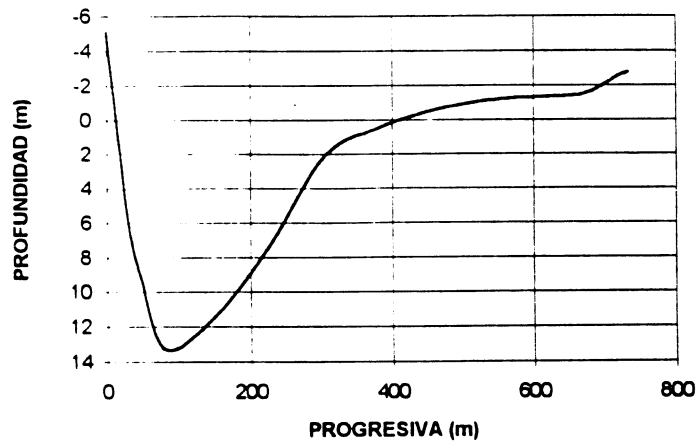
Rumbo	Este	Norte
276	367598	7033382
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.32	
22	-2.92	
87	-2.32	
156	-1.11	
225	-0.3	
294	0.6	
364	2.42	
406	1.91	
435	2.92	
506	7.25	
574	8.05	
588	7.25	
632	8.26	
682	8.46	
726	0.7	



**CRUCE Km 1363 C**  
(Tramo Santa Fé - Asunción)

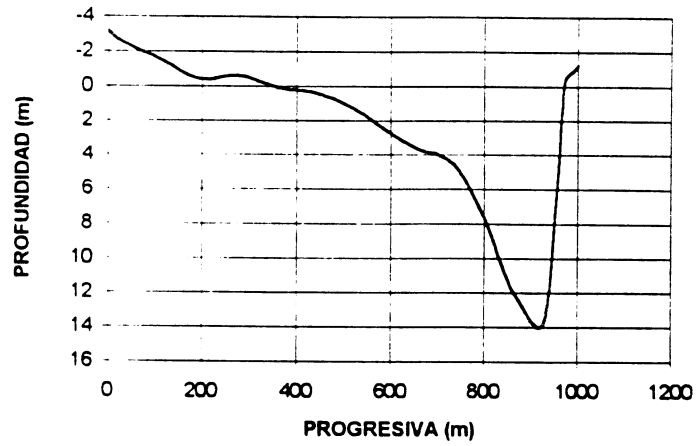
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
84	373996	7051215

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
0	-5.05
30	6.08
47	9.16
80	13.27
152	11.36
229	7.23
305	2.1
380	0.49
454	-0.52
528	-1.12
601	-1.33
673	-1.53
724	-2.64
733	-2.74



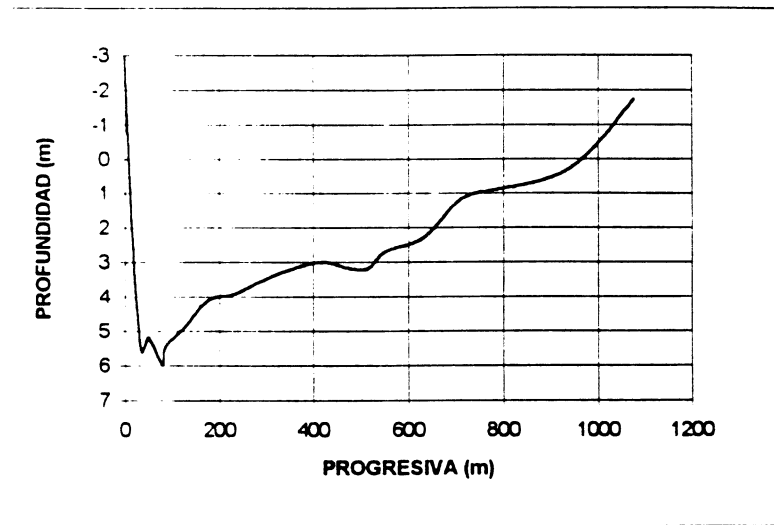
**CRUCE Km 1363 D**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
295	374840	7051616
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.16	
27	-2.56	
111	-1.53	
194	-0.42	
278	-0.62	
361	0.08	
442	0.39	
523	1.29	
609	2.9	
663	3.71	
701	4.01	
746	4.92	
805	7.94	
836	10.25	
868	12.16	
928	13.78	
954	6.73	
973	-0.32	
992	-0.92	
1002	-1.23	



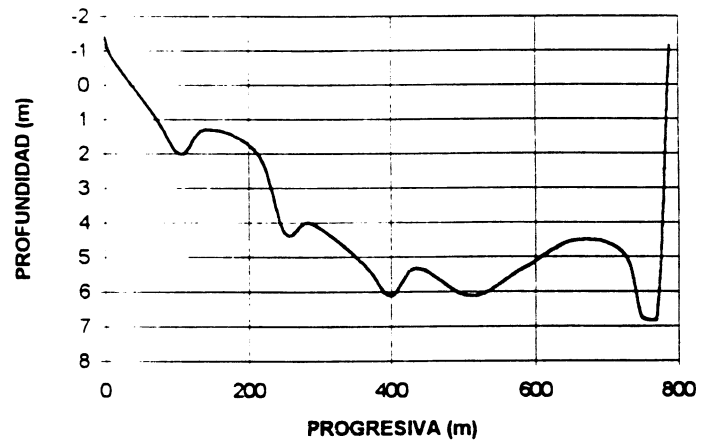
**CRUCE Km 1363 E**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
128	374212	7052680
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-2.96	
15	2.2	
34	5.58	
49	5.18	
79	5.98	
86	5.45	
124	4.92	
176	4.11	
235	3.91	
296	3.51	
357	3.2	
418	3	
480	3.2	
515	3.2	
554	2.7	
632	2.3	
709	1.19	
786	0.89	
863	0.69	
939	0.28	
1011	-0.62	
1052	-1.33	
1078	-1.73	



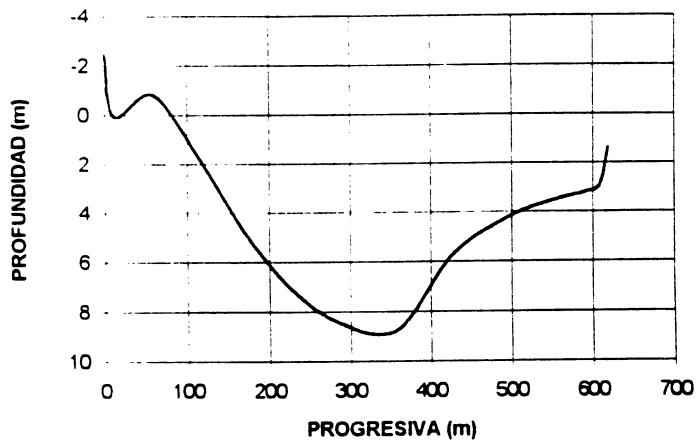
**CRUCE Km 1363 F**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
341	375239	7052153
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-1.37	
10	-0.78	
70	0.91	
105	2.01	
141	1.29	
213	2	
251	4.31	
288	4.01	
362	5.22	
399	6.12	
436	5.32	
511	6.12	
585	5.32	
657	4.51	
724	4.92	
748	6.73	
770	6.73	
788	-1.12	



**CRUCE Km 1363 G**  
(Tramo Santa Fé - Asunción)

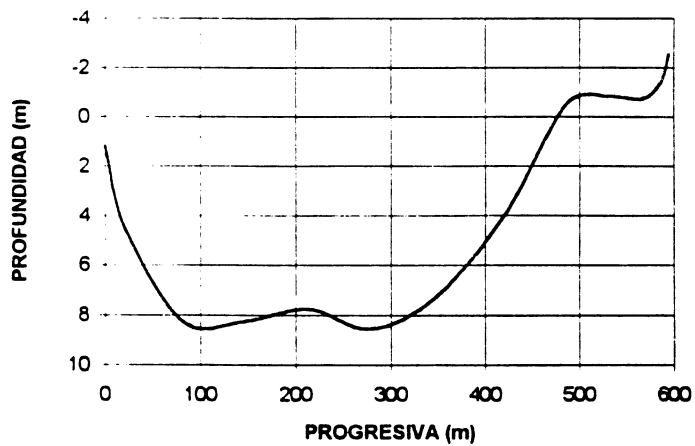
Rumbo	Este	Norte
185	375663	7052876
Progresiva (m)	Profundidad (m)	
0	-2.43	
11	0.08	
59	-0.82	
114	1.69	
168	4.71	
225	7.03	
287	8.44	
357	8.74	
427	5.72	
497	4.21	
555	3.51	
591	3.2	
609	2.9	
619	1.39	





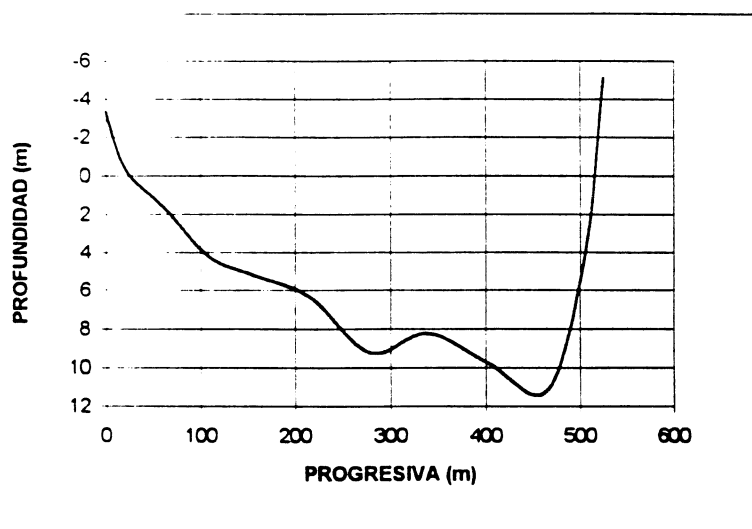
**CRUCE Km 1363 H**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
17	375865	7052258
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	1.19	
21	4.51	
81	8.24	
146	8.24	
213	7.74	
279	8.54	
349	7.23	
420	4.01	
486	-0.52	
533	-0.82	
567	-0.72	
587	-1.43	
595	-2.53	



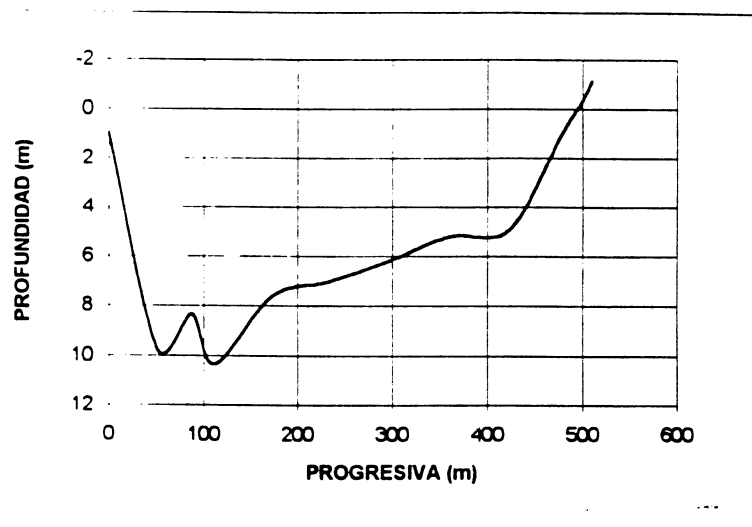
**CRUCE Km 1368**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
209	376717	7052437
Progresiva (m)	Profundidad (m)	
0	-3.34	
21	-0.32	
62	1.69	
109	4.21	
157	5.22	
216	6.33	
279	9.25	
339	8.24	
402	9.75	
465	11.16	
505	4.21	
525	-5.1	



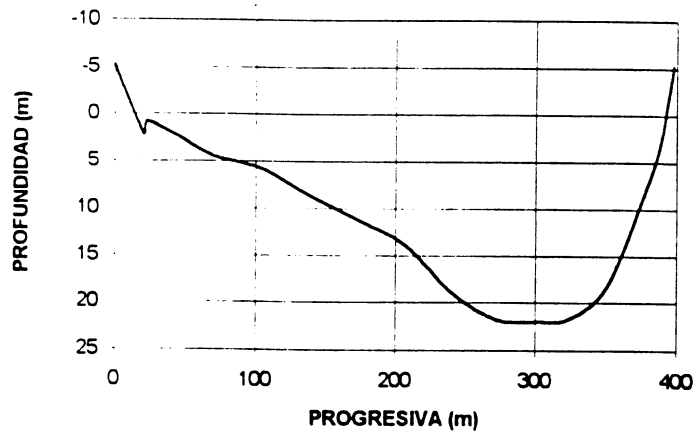
# **CRUCE Km 1369** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
44	377168	7051453
Progresiva (m)	Profundidad (m)	
0	0.98	
51	9.74	
87	8.33	
112	10.34	
173	7.62	
234	7.02	
295	6.22	
360	5.21	
423	4.91	
477	1.08	
500	-0.33	
510	-1.13	



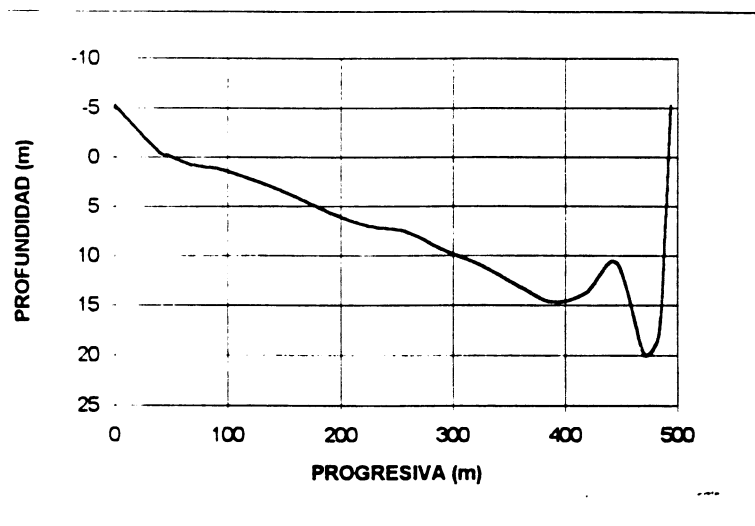
**CRUCE Km 1374**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
98	381266	7052515
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.19	
20	2.06	
23	0.76	
43	2.16	
70	4.46	
104	5.77	
139	8.67	
174	11.27	
208	13.98	
241	18.98	
273	21.79	
299	21.99	
324	21.69	
351	18.38	
376	8.97	
388	3.36	
398	-5.19	



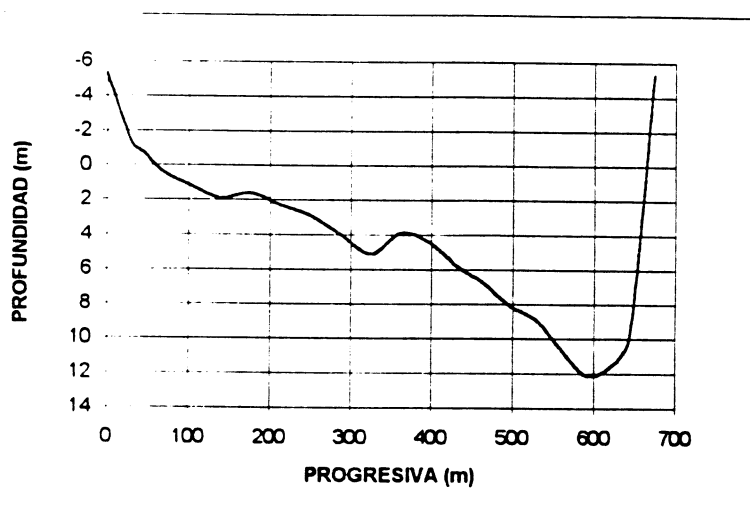
# **CRUCE Km 1378** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
284	379777	7055001
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.24	
40	-0.44	
46	-0.24	
67	0.76	
94	1.26	
125	2.46	
158	3.96	
191	5.66	
224	6.97	
257	7.57	
290	9.37	
325	10.97	
358	13.08	
389	14.68	
419	13.78	
446	10.77	
471	19.99	
484	17.78	
494	-5.24	



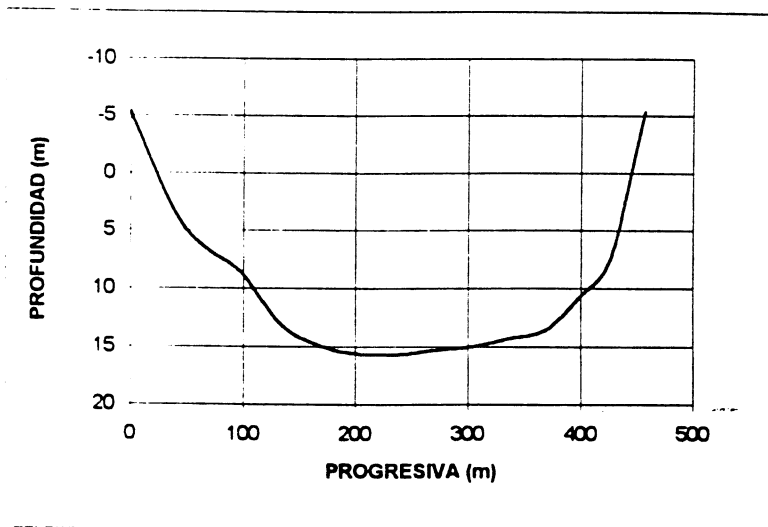
**CRUCE Km 1382**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
266	381468	7058446
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.29	
30	-1.3	
44	-0.79	
70	0.41	
104	1.21	
140	1.91	
176	1.61	
214	2.31	
251	2.91	
288	4.01	
325	5.11	
362	3.91	
397	4.41	
432	5.82	
463	6.72	
497	8.12	
529	8.92	
561	10.72	
591	12.12	
620	11.62	
644	9.92	
674	-5.29	



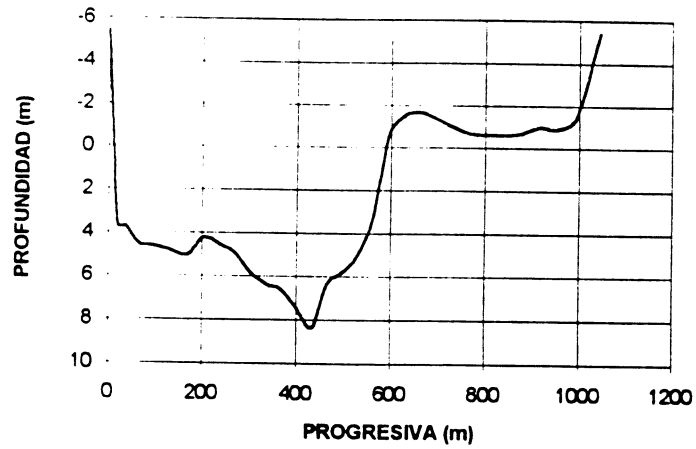
**CRUCE Km 1386**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
242	380244	7062324
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.35	
40	3.55	
67	6.56	
98	8.66	
133	13.07	
169	14.97	
204	15.67	
239	15.67	
273	15.27	
306	14.97	
338	14.27	
369	13.57	
398	10.86	
427	7.36	
457	-5.35	



**CRUCE Km 1390**  
(Tramo Santa Fé - Asunción)

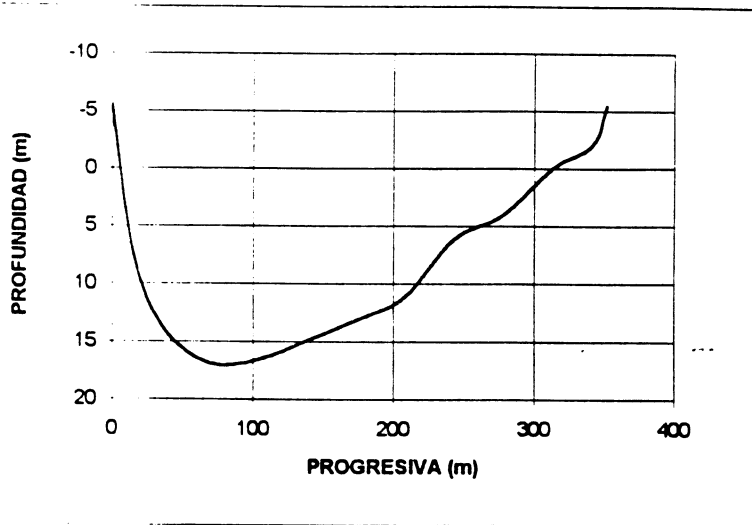
Rumbo	Este	Norte
314	378355	7064872
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.4	
20	3.62	
37	3.72	
65	4.52	
98	4.62	
134	4.82	
169	5.02	
202	4.22	
236	4.52	
269	4.92	
303	5.83	
335	6.33	
369	6.63	
401	7.43	
434	8.34	
466	6.33	
497	5.83	
531	5.02	
563	3.22	
596	-0.6	
628	-1.5	
662	-1.7	
695	-1.4	
730	-1	
765	-0.7	
802	-0.6	
839	-0.6	
877	-0.7	
916	-1	
955	-0.9	
995	-1.5	
1045	-5.4	





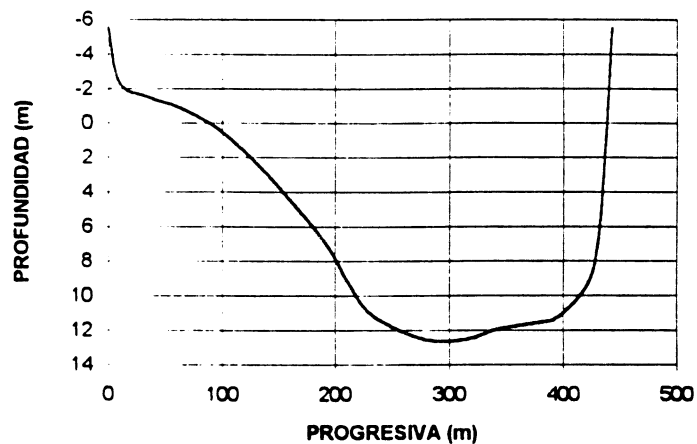
# **CRUCE Km 1393** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
312	379630	7067647
Progresiva (m)	Profundidad (m)	
0	-5.44	
15	7.24	
36	13.76	
69	16.87	
104	16.57	
138	14.97	
172	13.26	
208	11.16	
243	6.14	
278	4.03	
313	0.02	
342	-2.09	
352	-5.44	



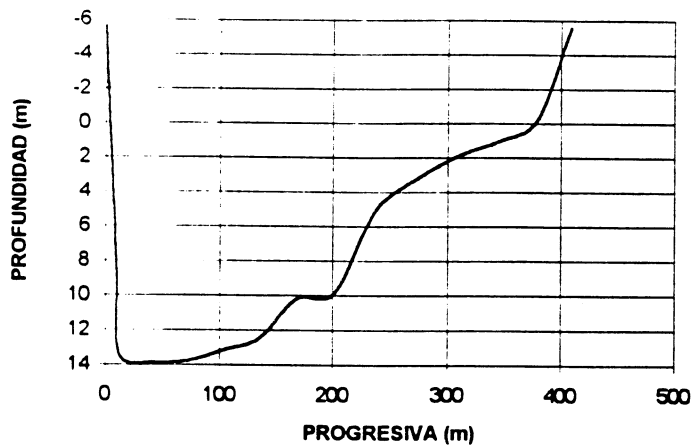
# **CRUCE Km 1398** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
283	377276	7070930
Progresiva (m)	Profundidad (m)	
0	-5.5	
10	-2.35	
34	-1.55	
64	-0.85	
97	0.36	
129	2.26	
163	4.67	
194	7.18	
225	10.59	
256	12	
286	12.6	
316	12.5	
344	11.9	
372	11.6	
400	10.99	
428	8.08	
443	-5.5	



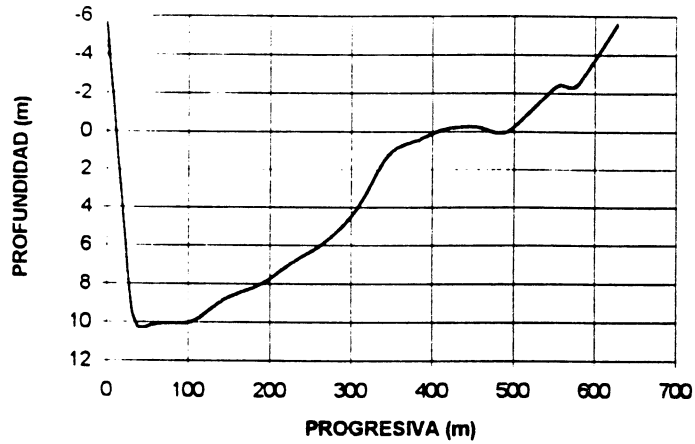
**CRUCE Km 1403**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
17	380092	7072002
Progresiva (m)	Profundidad (m)	
0	-5.56	
10	8.02	
12	13.34	
43	13.84	
73	13.74	
104	13.14	
136	12.44	
168	10.23	
202	9.83	
237	5.11	
274	3.21	
310	1.9	
347	1	
379	-0.2	
409	-5.56	



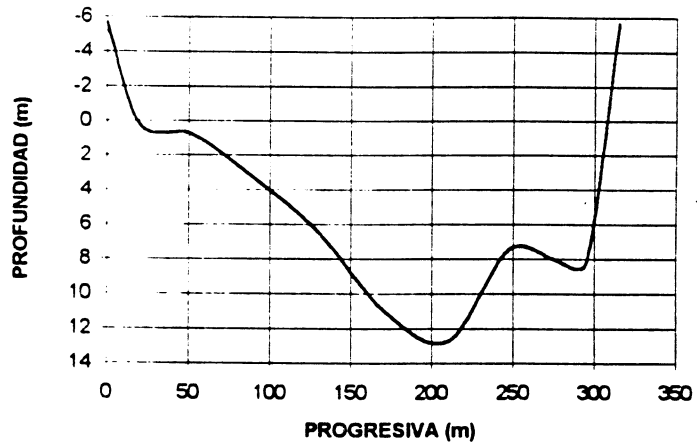
**CRUCE Km 1405**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
67	381874	7073587
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.58	
30	9.16	
39	10.26	
66	10.06	
105	9.96	
148	8.76	
189	8.06	
230	6.86	
270	5.76	
308	4.06	
346	1.26	
382	0.46	
418	-0.14	
453	-0.24	
488	0.06	
522	-1.14	
555	-2.44	
578	-2.44	
628	-5.58	



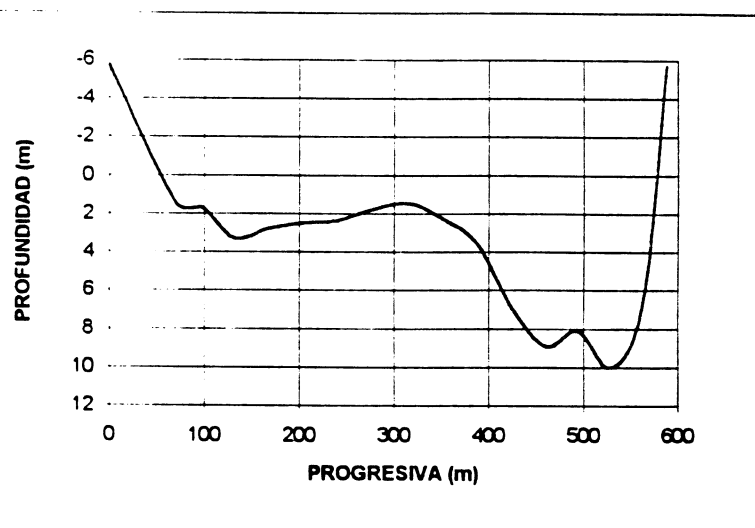
**CRUCE Km 1409**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
221	379173	7076929
Progresiva (m)	Profundidad (m)	
0	-5.64	
20	0.2	
52	0.8	
90	3.3	
131	6.5	
171	11	
210	12.7	
247	7.5	
275	8	
295	8.2	
315	-5.64	



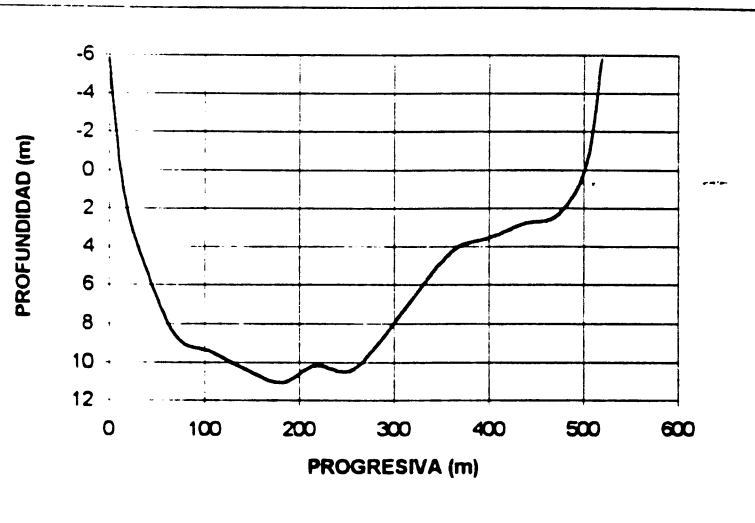
**CRUCE Km 1415**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
301	378792	7080719
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.72	
70	1.46	
98	1.67	
132	3.28	
168	2.77	
204	2.47	
241	2.37	
278	1.77	
315	1.46	
352	2.27	
388	3.58	
425	7	
460	8.91	
494	8.11	
525	10.02	
552	8.71	
568	5.09	
588	-5.72	



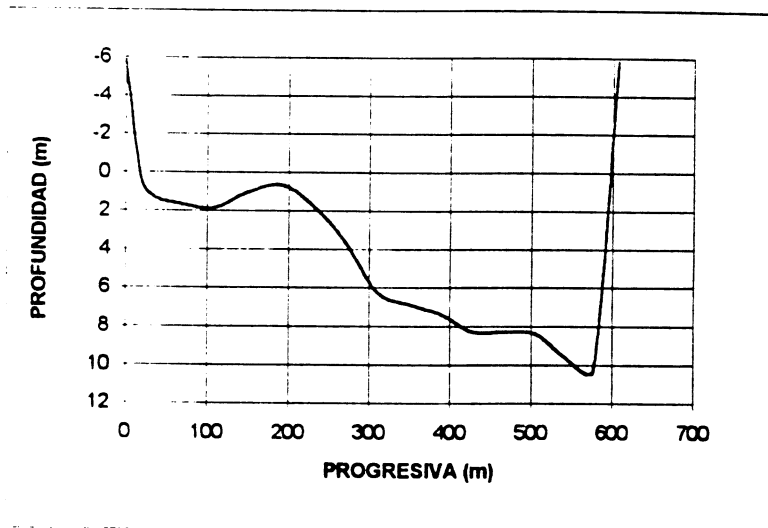
**CRUCE Km 1419**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
339	381165	7082847
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.78	
15	1	
37	4.93	
70	8.65	
107	9.46	
143	10.36	
181	11.07	
217	10.16	
254	10.47	
290	8.65	
327	6.24	
364	4.12	
401	3.52	
437	2.81	
473	2.31	
504	-0.41	
519	-5.78	



**CRUCE Km 1422**  
(Tramo Santa Fé - Asunción)

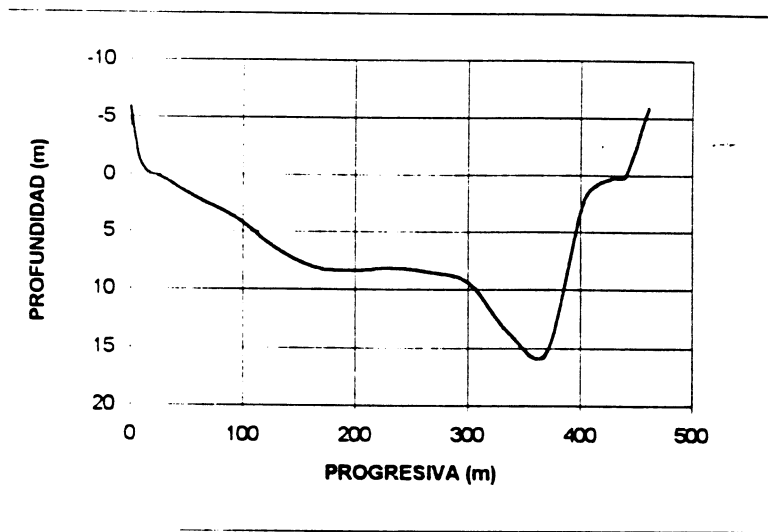
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
125	383372	7084422
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.82	
20	0.46	
38	1.36	
69	1.67	
108	1.87	
149	1.06	
190	0.66	
229	1.67	
270	3.58	
310	6.2	
350	6.9	
390	7.41	
428	8.31	
467	8.31	
505	8.41	
542	9.62	
577	10.22	
607	-5.82	





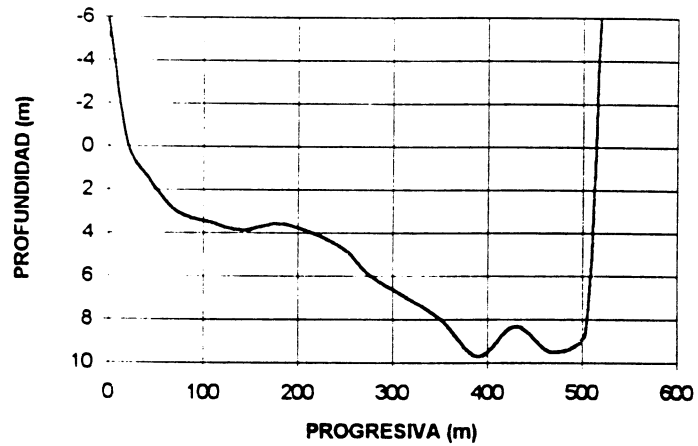
# **CRUCE Km 1426** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
69	384544	7088174
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.87	
10	-0.9	
30	0.41	
59	2.12	
94	3.83	
128	6.35	
163	8.06	
198	8.36	
232	8.16	
267	8.56	
301	9.47	
336	13.7	
370	15.41	
404	2.12	
429	0.31	
441	0.01	
461	-5.87	



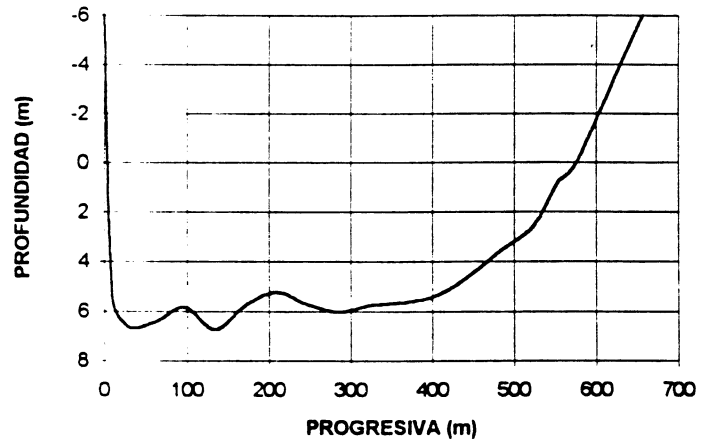
**CRUCE Km 1429**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
260	383792	7091297
Progresiva (m)	Profundidad (m)	
0	-5.92	
20	-0.15	
41	1.36	
71	2.98	
105	3.48	
141	3.88	
178	3.58	
214	3.98	
251	4.79	
275	5.9	
312	6.9	
351	8.01	
390	9.72	
429	8.31	
468	9.52	
504	8.51	
519	-5.92	



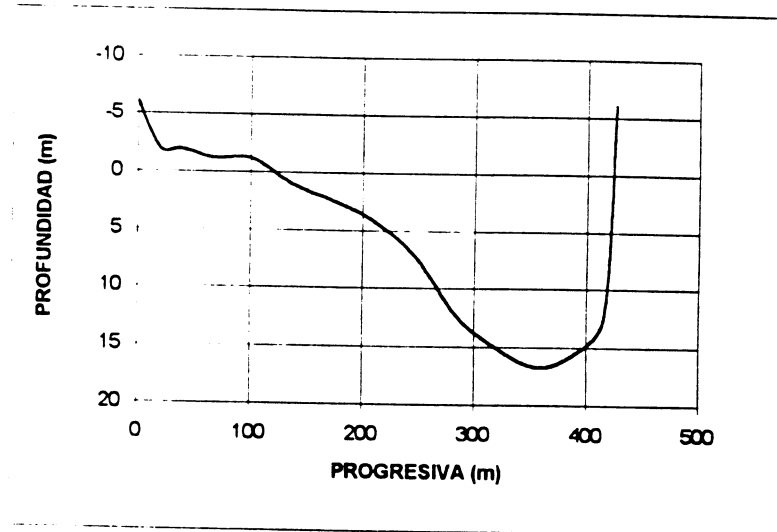
# **CRUCE Km 1434** (Tramo Santa Fé - Asunción)

<b>Rumbo</b> 343	<b>Este</b> 385253	<b>Norte</b> 7094978
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.99	
10	5.52	
29	6.63	
61	6.43	
97	5.83	
134	6.73	
172	5.72	
210	5.22	
248	5.72	
287	6.03	
327	5.72	
367	5.62	
407	5.32	
447	4.52	
486	3.51	
523	2.6	
553	0.79	
576	-0.01	
656	-5.99	



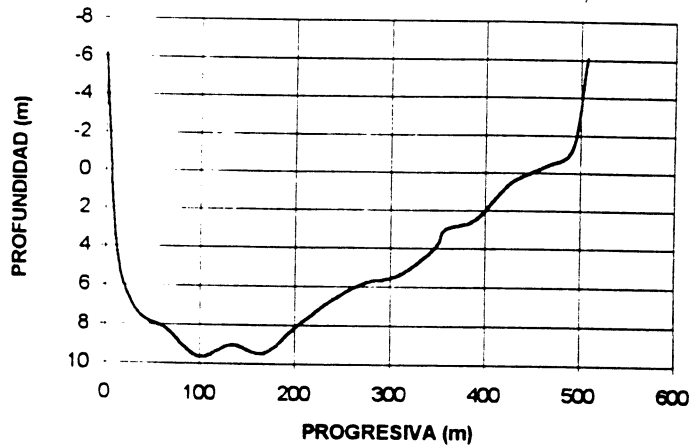
**CRUCE Km 1438**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 104	<b>Este</b> 389334	<b>Norte</b> 7097863
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-6.04	
20	-1.98	
38	-1.98	
67	-1.17	
101	-1.17	
137	1.04	
173	2.45	
210	4.16	
247	7.19	
285	12.42	
322	15.24	
357	16.75	
390	15.54	
416	12.42	
426	-6.04	



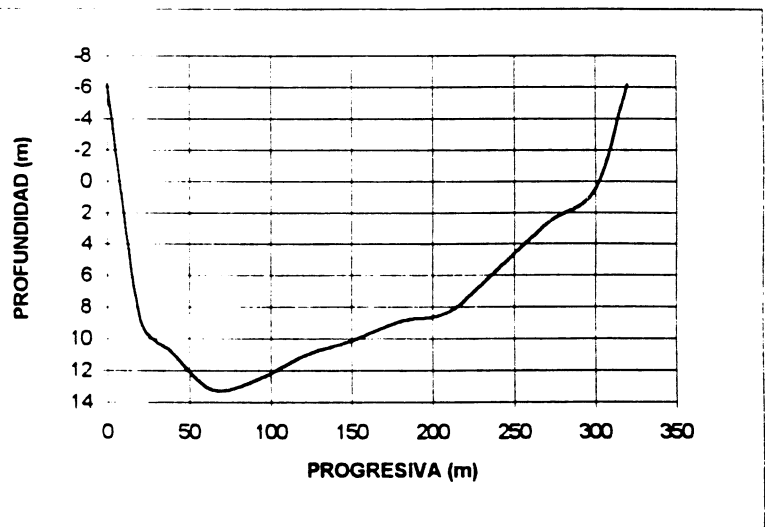
**CRUCE Km 1442**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
20	387550	7100495
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-6.1	
10	2.8	
18	5.72	
37	7.53	
65	8.23	
99	9.64	
133	9.04	
168	9.44	
203	8.03	
239	6.72	
274	5.82	
310	5.41	
347	4	
358	3	
390	2.49	
426	0.58	
462	-0.33	
492	-1.33	
507	-6.1	



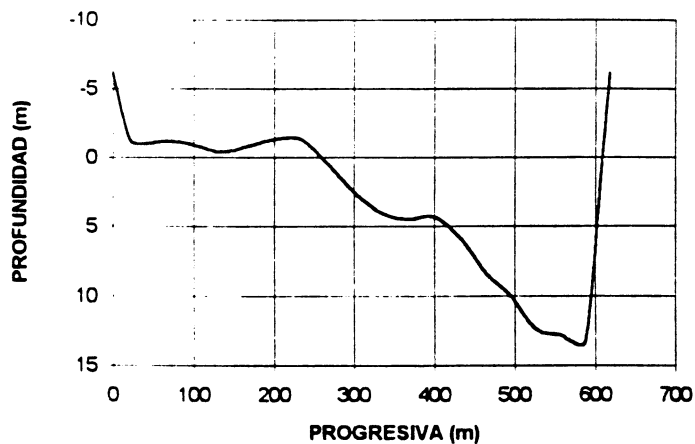
**CRUCE Km 1451**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
26	386682	7103362
Progresiva (m)	Profundidad (m)	
0	-6.14	
20	8.8	
38	10.7	
64	13.2	
93	12.5	
122	11	
151	10.1	
181	8.9	
210	8.3	
240	5.6	
271	2.6	
300	0.5	
320	-6.14	



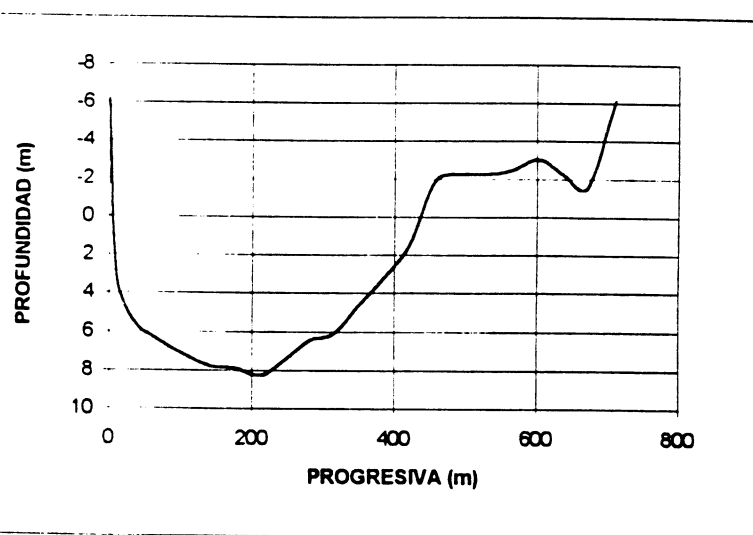
**CRUCE Km 1454**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
276	388491	7104792
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-6.13	
20	-1.39	
35	-0.99	
66	-1.19	
100	-0.89	
134	-0.39	
167	-0.79	
200	-1.29	
234	-1.29	
268	0.51	
302	2.61	
336	4.11	
368	4.51	
400	4.31	
433	5.91	
464	8.41	
495	10.01	
526	12.31	
558	12.81	
588	13.21	
618	-6.13	



**CRUCE Km 1458**  
(Tramo Santa Fé - Asunción)

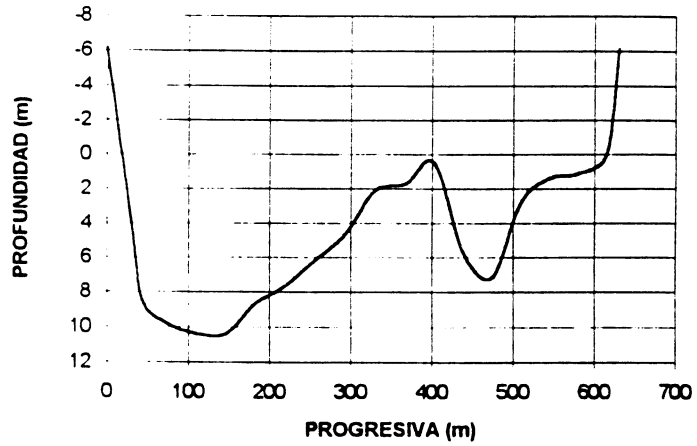
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
309	389438	7108064
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-6.11	
10	3.06	
35	5.47	
70	6.47	
105	7.17	
141	7.78	
176	7.88	
212	8.28	
246	7.47	
281	6.47	
316	6.07	
350	4.66	
385	3.26	
422	1.45	
457	-1.86	
493	-2.26	
529	-2.26	
565	-2.46	
602	-3.06	
637	-2.26	
672	-1.56	
712	-6.11	





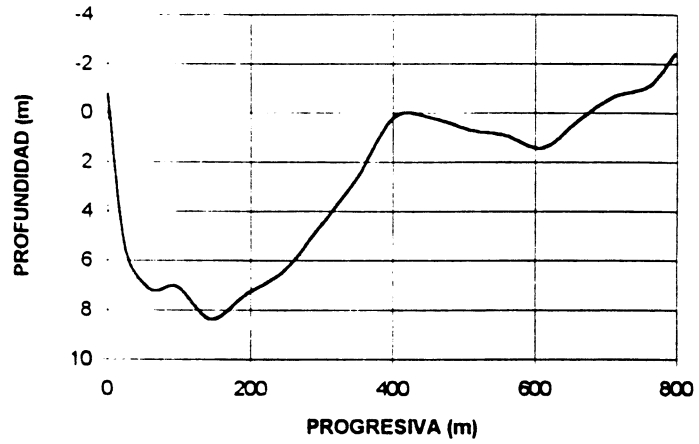
**CRUCE Km 1460**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
116	390286	7109884
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-6.11	
30	4	
43	8.49	
73	9.78	
110	10.38	
146	10.38	
183	8.69	
219	7.69	
256	6.19	
294	4.6	
330	2.11	
367	1.71	
403	0.51	
439	5.79	
474	7.19	
510	2.8	
544	1.41	
580	1.11	
615	0.01	
630	-6.11	



**CRUCE Km 1470**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
130	398158	7112834
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-0.73	
25	5.57	
60	7.17	
97	7.06	
145	8.37	
194	7.36	
246	6.45	
297	4.64	
348	2.73	
401	0.21	
453	0.21	
507	0.71	
558	0.92	
610	1.42	
661	0.31	
711	-0.64	
762	-1.1	
797	-2.41	

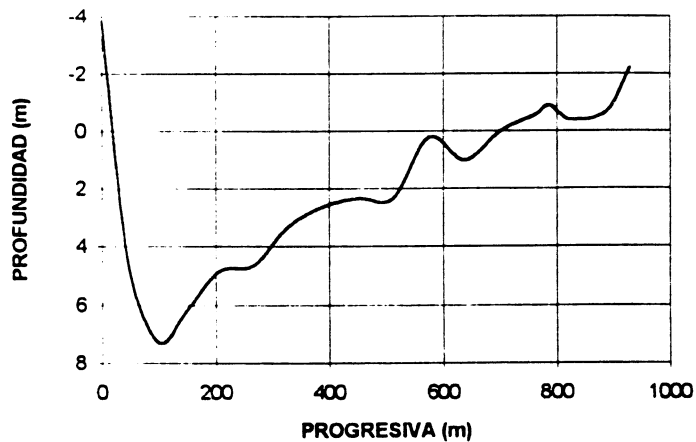


**CRUCE Km 1472**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
133	400257	7114267

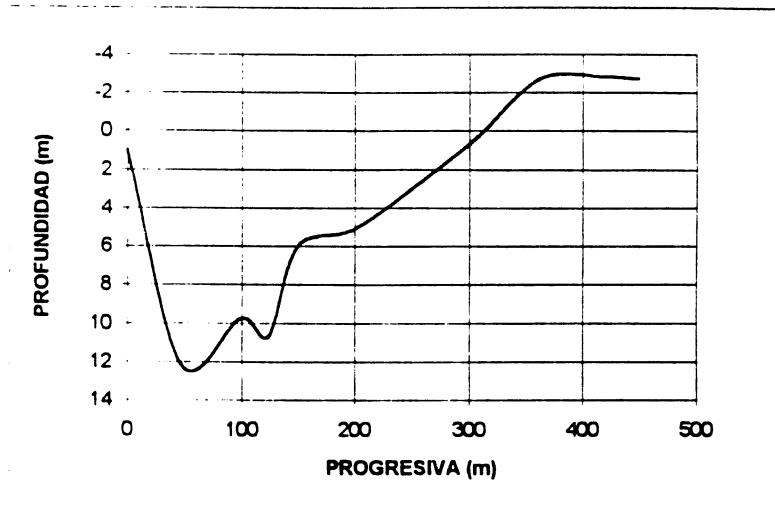
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
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0	-3.81
47	4.65
98	7.27
148	6.21
206	4.85
266	4.65
326	3.34
388	2.64
451	2.34
513	2.34
576	0.22
638	1.03
700	0.02
763	-0.58
787	-0.89
825	-0.38
888	-0.68
929	-2.2



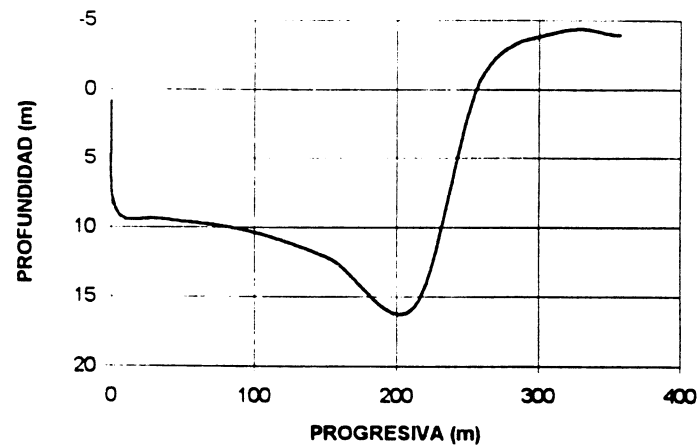
**CRUCE Km 1475**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
332	403739	7115415
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	1.02	
47	12.18	
99	9.77	
124	10.67	
149	6.04	
199	5.13	
247	3.12	
304	0.5	
362	-2.72	
420	-2.82	
449	-2.72	



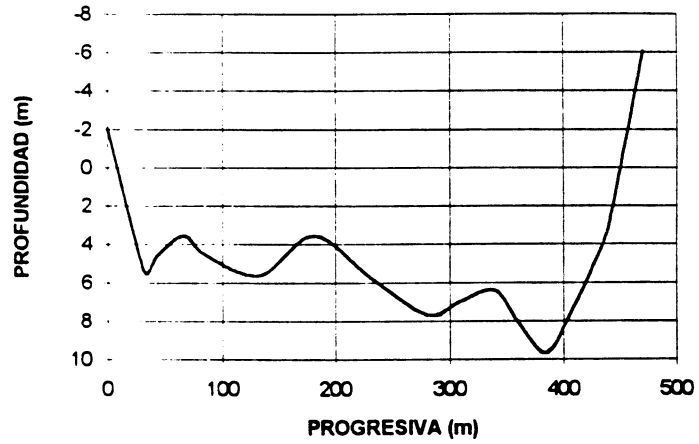
**CRUCE Km 1480**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
127	406560	7118462
Progresiva (m)	Profundidad (m)	
0	0.93	
3	8.68	
36	9.43	
92	10.19	
152	12.2	
213	15.73	
260	-0.89	
315	-4.21	
357	-3.91	



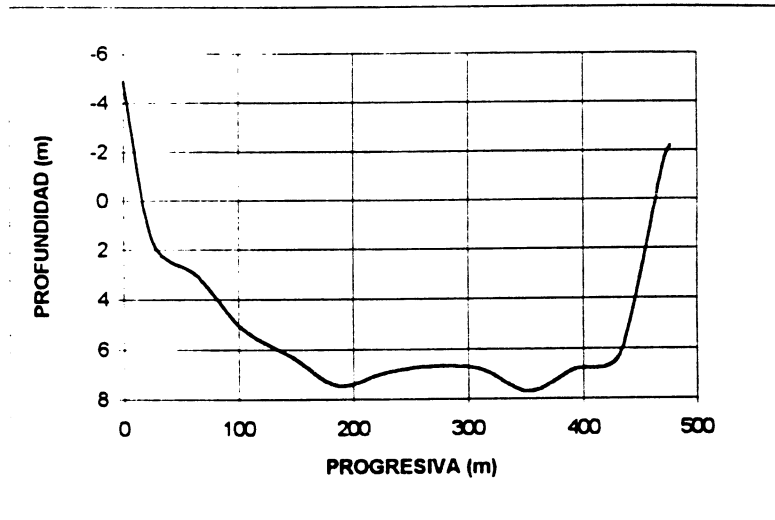
**CRUCE Km 1484**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
331	409446	7120966
Progresiva (m)	Profundidad (m)	
0	-2.03	
32	5.42	
42	4.62	
66	3.53	
85	4.52	
132	5.62	
181	3.53	
231	5.72	
280	7.7	
308	7.01	
339	6.41	
359	8	
384	9.69	
407	7.5	
432	4.42	
441	2.78	
471	-6.03	



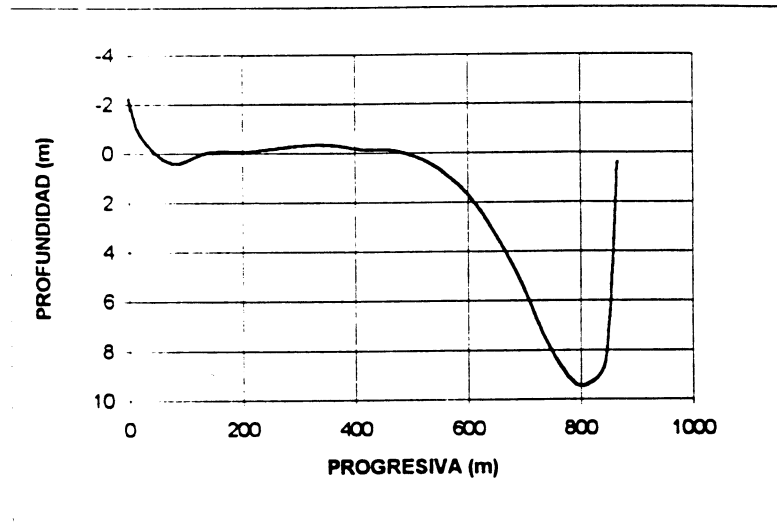
**CRUCE Km 1488**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
151	412234	7122468
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-4.86	
25	1.65	
64	3.06	
104	5.17	
146	6.28	
186	7.44	
227	6.94	
268	6.68	
311	6.79	
352	7.69	
393	6.79	
433	6.18	
471	-1.57	
477	-2.18	



**CRUCE Km 1492**  
(Tramo Santa Fé - Asunción)

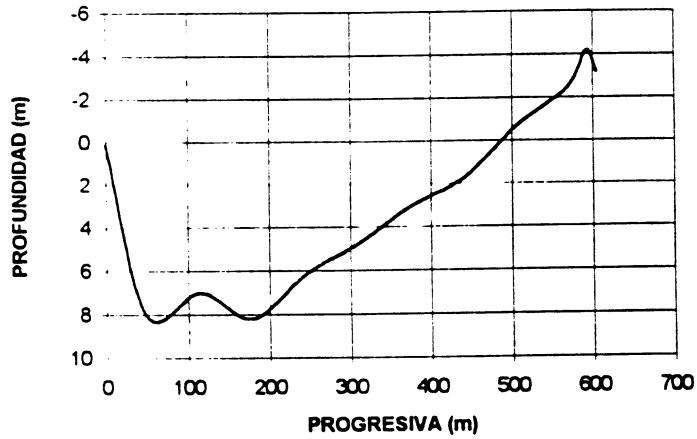
Rumbo	Este	Norte
55	414439	7124635
Progresiva (m)	Profundidad (m)	
0	-2.21	
21	-0.72	
76	0.4	
141	-0.05	
209	-0.05	
277	-0.25	
342	-0.35	
411	-0.15	
480	-0.05	
549	0.65	
616	2.16	
682	4.68	
741	7.7	
798	9.46	
844	8.51	
865	0.45	
867	0.4	





**CRUCE Km 1495**  
(Tramo Santa Fé - Asunción)

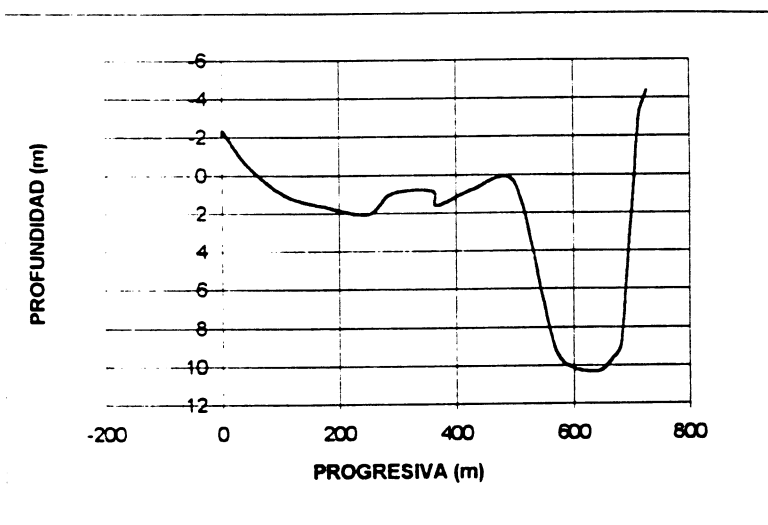
Rumbo	Este	Norte
23	411623	7126906
Progresiva (m)	Profundidad (m)	
0	0.15	
48	8	
115	7	
179	8.2	
244	6.19	
310	4.78	
376	3.02	
440	1.76	
505	-0.66	
569	-2.47	
592	-4.18	
605	-3.17	



# **CRUCE Km 1501** (Tramo Santa Fé - Asunción)

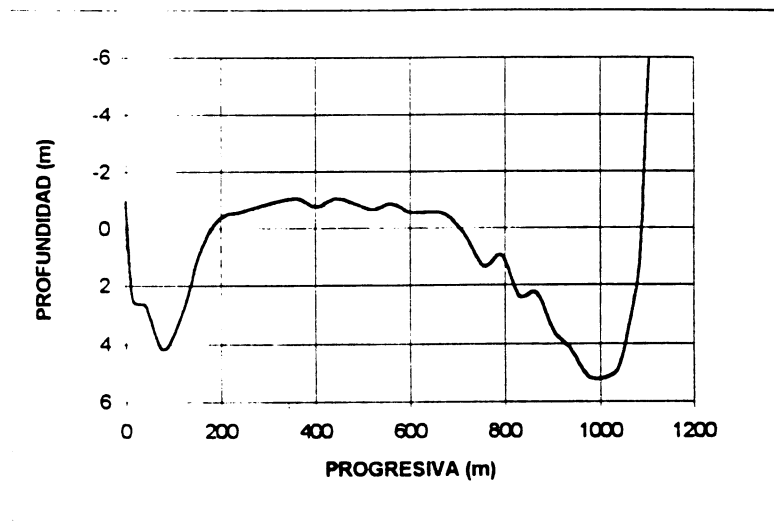
**Rumbo**                      **Este**                      **Norte**  
300                              411333                      7129910

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
0	-2.1
2	-2.3
42	-0.58
108	1.07
179	1.67
250	2.07
291	0.97
360	0.86
367	1.62
430	0.76
501	0.46
572	9.32
635	10.33
671	9.52
683	8.82
713	-2.96
725	-4.17
727	-4.37



**CRUCE Km 1517**  
(Tramo Santa Fé - Asunción)

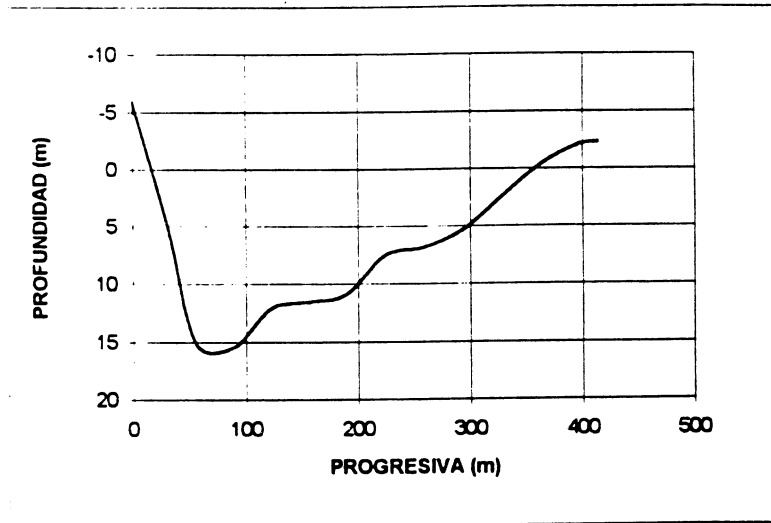
Rumbo	Este	Norte
314	414010	7139200
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-0.95	
14	2.47	
42	2.67	
78	4.18	
118	2.98	
159	0.76	
198	-0.35	
239	-0.55	
279	-0.75	
320	-0.95	
362	-1.05	
403	-0.75	
443	-1.05	
483	-0.85	
522	-0.65	
562	-0.85	
601	-0.55	
641	-0.55	
679	-0.45	
717	0.26	
756	1.36	
794	0.96	
830	2.37	
867	2.27	
903	3.58	
938	4.18	
973	5.09	
1009	5.19	
1040	4.79	
1069	2.88	
1085	0.96	
1105	-5.92	



**CRUCE Km 1520**  
(Tramo Santa Fé - Asunción)

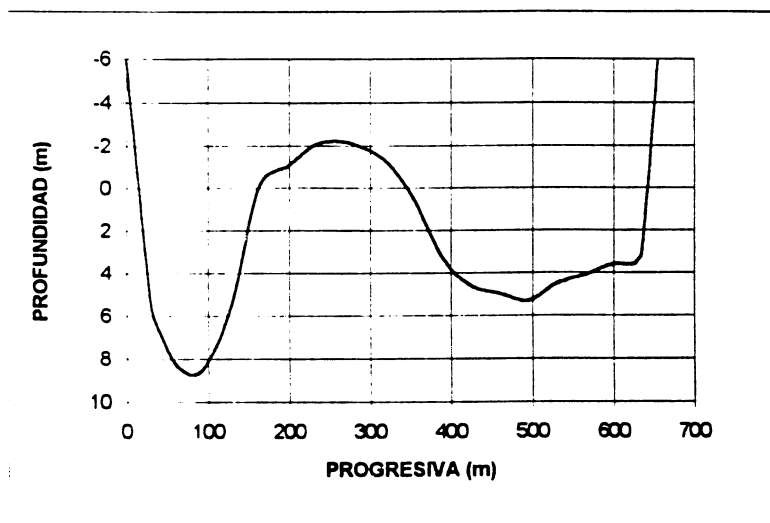
<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
4	417098	7140471

<u>Progresiva (m)</u>	<u>Profundidad (m)</u>
0	-5.91
30	4.8
55	15.07
89	15.47
122	12.05
156	11.54
190	10.84
224	7.52
259	6.81
293	5.4
328	2.48
363	-0.34
396	-2.05
414	-2.35



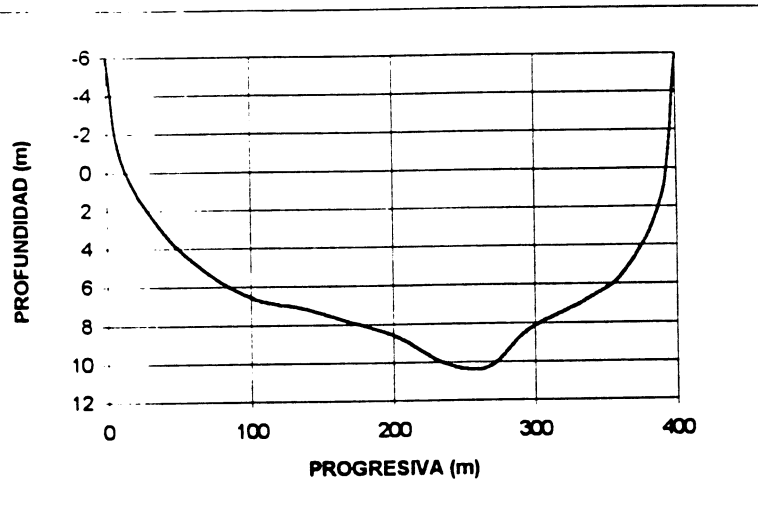
**CRUCE Km 1524**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
103	419621	7143256
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.9	
30	5.61	
40	6.72	
62	8.33	
92	8.53	
128	5.61	
164	-0.13	
199	-1.03	
231	-2.04	
260	-2.24	
289	-1.94	
321	-1.23	
355	0.58	
390	3.3	
424	4.61	
460	5.01	
495	5.31	
529	4.51	
565	4.1	
599	3.6	
624	3.6	
635	3.1	
655	-5.9	



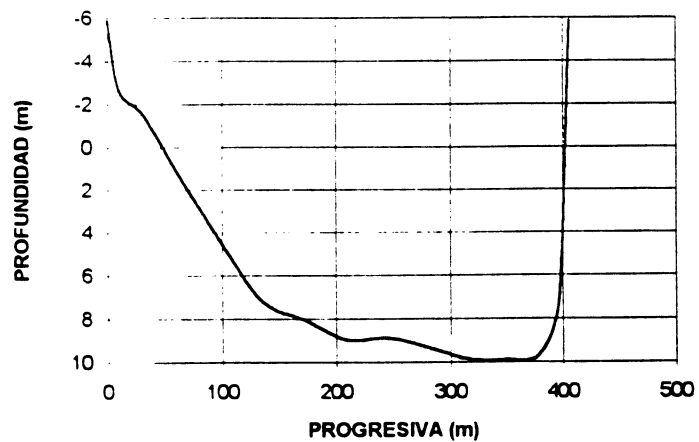
**CRUCE Km 1532**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
278	417271	7150317
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.87	
10	-0.66	
38	3.05	
71	5.36	
104	6.66	
137	7.16	
170	7.87	
203	8.67	
236	10.07	
267	10.27	
295	8.37	
335	6.86	
363	5.36	
390	1.34	
400	-5.87	



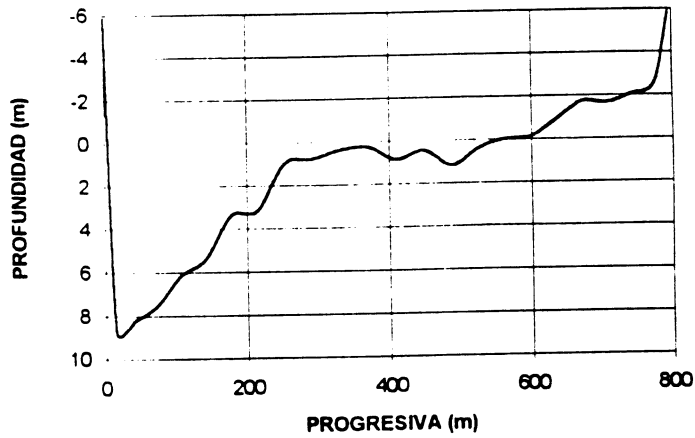
**CRUCE Km 1536**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
178	420709	7150660
Progresiva (m)	Profundidad (m)	
0	-5.86	
10	-2.7	
32	-1.49	
62	1.22	
98	4.34	
135	7.16	
173	8.07	
209	8.98	
246	8.88	
283	9.38	
318	9.88	
349	9.88	
378	9.68	
396	7.26	
406	-5.86	



**CRUCE Km 1540**  
(Tramo Santa Fé - Asunción)

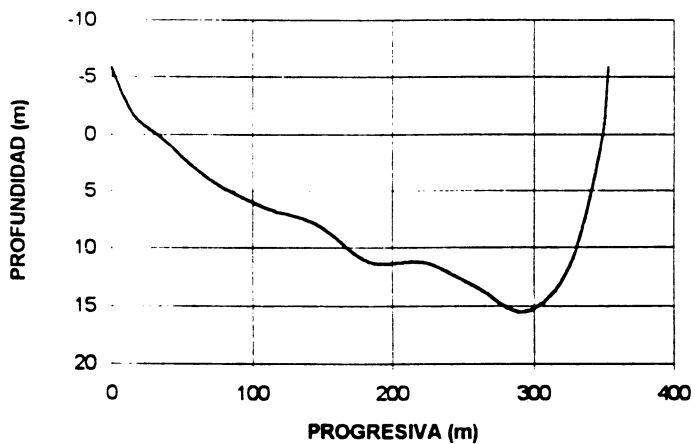
Rumbo	Este	Norte
136	422895	7152246
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.85	
15	8.79	
42	8.19	
71	7.58	
106	6.18	
142	5.38	
178	3.37	
215	3.17	
254	0.96	
293	0.76	
333	0.36	
371	0.26	
410	0.86	
449	0.46	
488	1.16	
526	0.36	
563	-0.04	
600	-0.14	
637	-0.95	
673	-1.75	
707	-1.65	
743	-2.05	
775	-2.55	
795	-5.85	





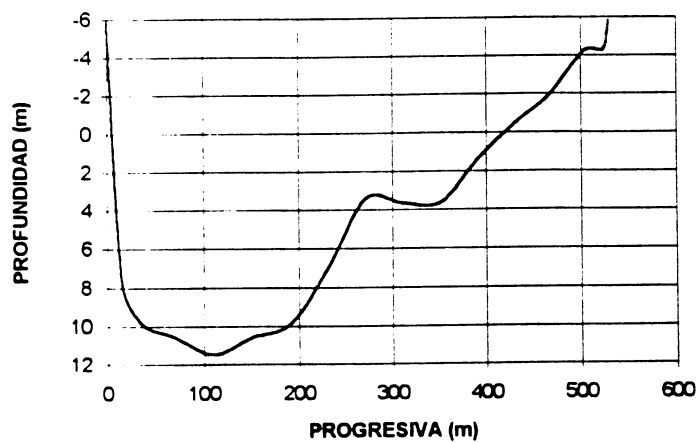
# **CRUCE Km 1544** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
132	426473	7154920
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.83	
15	-1.82	
36	0.4	
69	3.92	
108	6.44	
146	7.95	
184	11.27	
222	11.27	
259	13.39	
294	15.5	
326	11.47	
348	0.9	
353	-5.83	



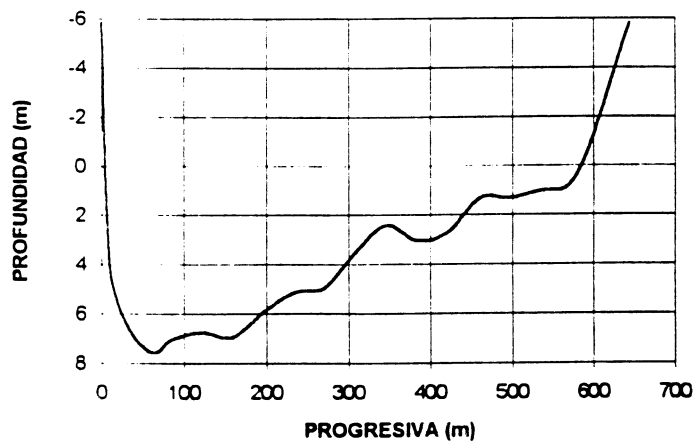
**CRUCE Km 1548**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
31	423906	7156033
Progresiva (m)	Profundidad (m)	
0	-5.82	
15	7.76	
36	9.87	
70	10.58	
110	11.48	
150	10.58	
191	9.87	
232	6.95	
272	3.43	
311	3.63	
351	3.63	
390	1.41	
429	-0.4	
466	-1.91	
503	-4.22	
524	-4.32	
529	-5.82	



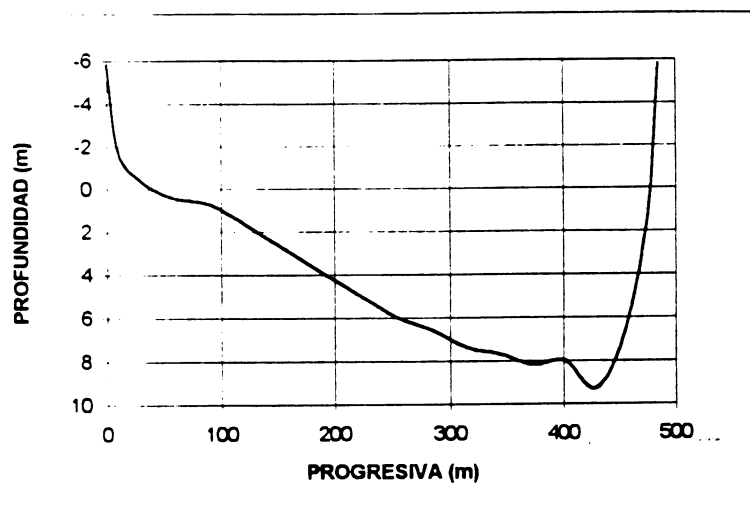
# **CRUCE Km 1552** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
311	424110	7159329
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.81	
10	3.94	
31	6.46	
62	7.57	
84	7.06	
121	6.76	
159	6.96	
196	5.96	
234	5.15	
271	4.95	
308	3.54	
346	2.43	
383	3.04	
421	2.73	
460	1.32	
497	1.32	
534	1.02	
568	0.82	
594	-0.69	
644	-5.81	



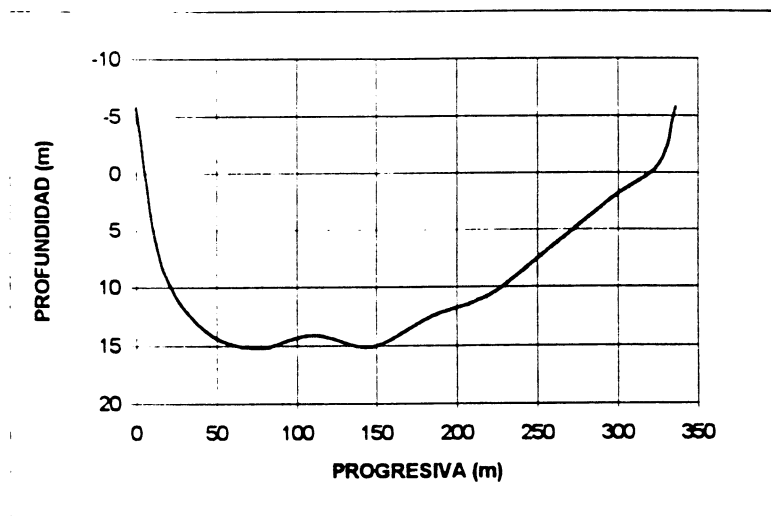
**CRUCE Km 1556**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
346	426056	7162803
Progresiva (m)	Profundidad (m)	
0	-5.8	
10	-1.79	
30	-0.38	
58	0.43	
91	0.73	
124	1.74	
157	2.84	
190	3.95	
222	4.96	
254	5.97	
285	6.57	
315	7.37	
344	7.68	
372	8.18	
401	7.98	
428	9.29	
453	6.97	
475	1.43	
485	-5.8	



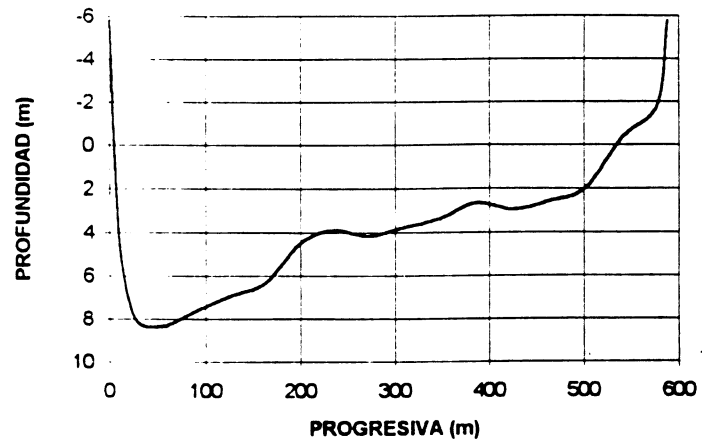
# **CRUCE Km 1560** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
52	429869	7161972
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.78	
15	7.7	
41	13.54	
74	15.25	
110	14.09	
147	15.15	
184	12.53	
221	10.62	
258	6.59	
296	2.26	
326	-0.76	
336	-5.78	



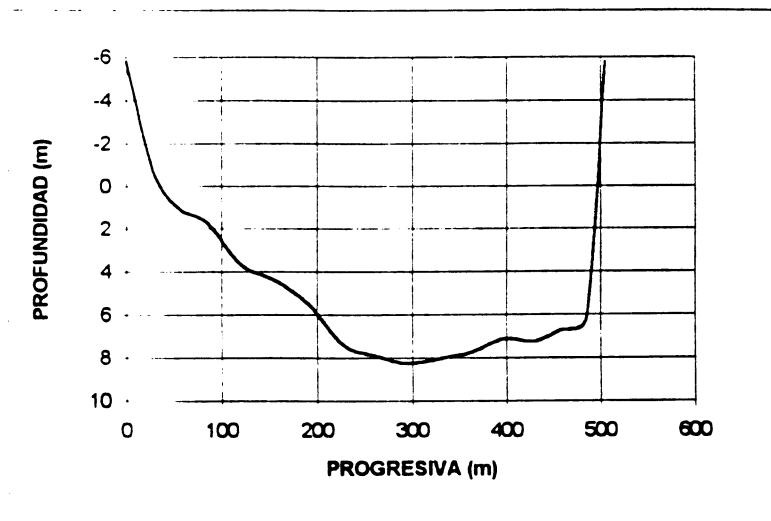
**CRUCE Km 1564**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
89	432376	7162644
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.77	
10	4.08	
26	7.91	
56	8.31	
91	7.61	
127	6.9	
163	6.3	
200	4.48	
235	3.88	
272	4.18	
309	3.78	
348	3.38	
386	2.67	
425	2.97	
463	2.57	
502	1.97	
541	-0.35	
578	-1.86	
588	-5.77	



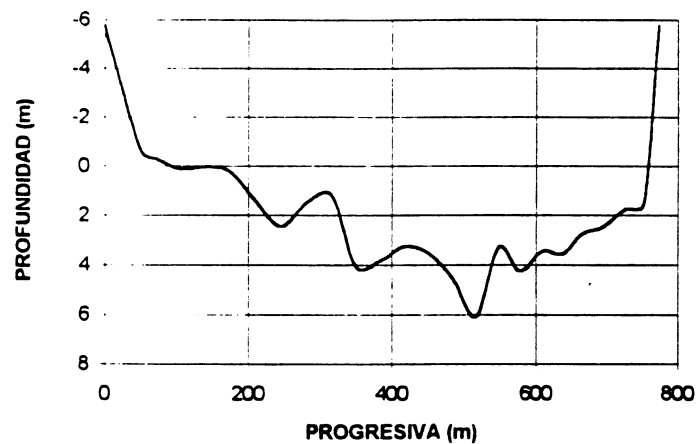
**CRUCE Km 1568**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
280	432398	7166945
Progresiva (m)	Profundidad (m)	
0	-5.76	
30	-0.54	
56	1.07	
86	1.73	
121	3.69	
156	4.39	
192	5.5	
228	7.41	
262	7.92	
296	8.27	
330	8.02	
364	7.72	
397	7.11	
428	7.26	
458	6.71	
485	6.21	
505	-5.76	



# **CRUCE Km 1572** (Tramo Santa Fé - Asunción)

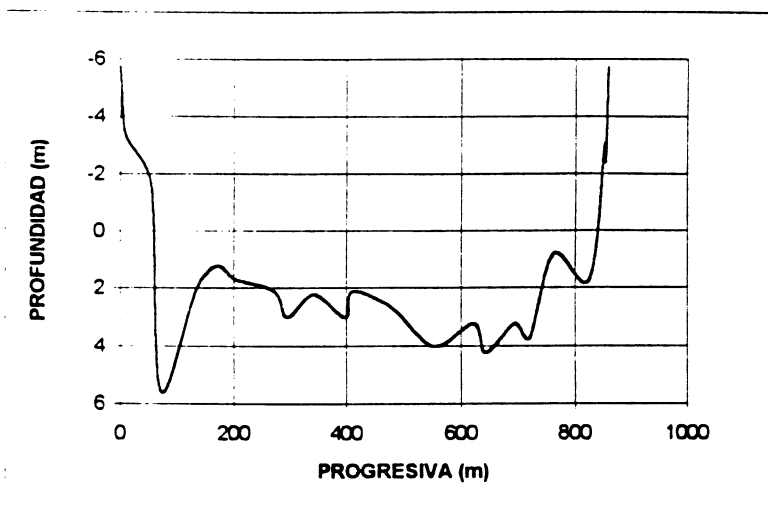
Rumbo	Este	Norte
40	433800	7168455
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.75	
50	-0.68	
74	-0.28	
104	0.13	
139	0.02	
175	0.23	
211	1.43	
246	2.44	
282	1.48	
317	1.23	
350	4.05	
385	3.8	
418	3.25	
452	3.55	
484	4.56	
517	6.07	
548	3.3	
578	4.25	
609	3.45	
638	3.55	
666	2.74	
696	2.44	
727	1.74	
753	1.53	
773	-5.75	





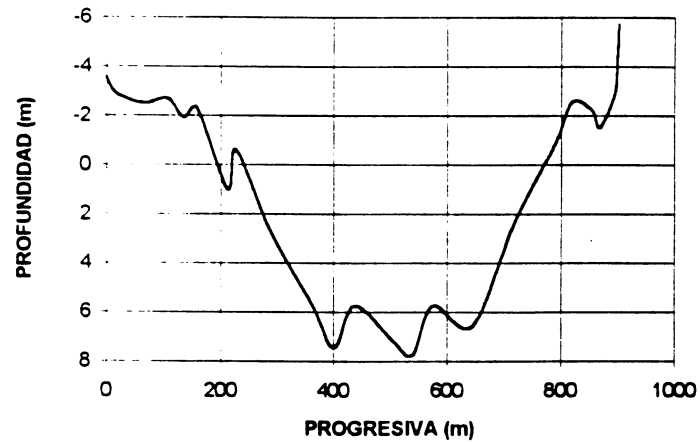
**CRUCE Km 1586**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
303	442375	7172028
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.71	
10	-3.32	
54	-1.6	
71	5.54	
135	2.02	
170	1.22	
204	1.72	
273	2.12	
294	3.03	
342	2.22	
398	3.03	
412	2.12	
482	2.73	
553	4.03	
623	3.23	
644	4.24	
695	3.23	
721	3.73	
762	0.81	
826	1.72	
852	-3.01	
854	-2.41	
859	-5.71	



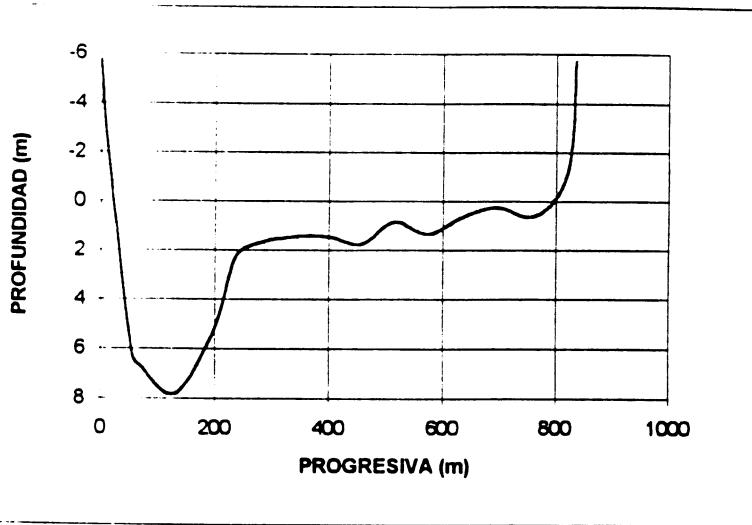
**CRUCE Km 1587**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b> 111	<b>Este</b> 441874	<b>Norte</b> 7173269
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-3.57	
17	-2.91	
64	-2.51	
106	-2.71	
135	-1.91	
159	-2.31	
212	1.01	
227	-0.6	
288	2.73	
363	5.75	
401	7.46	
438	5.75	
505	7.16	
540	7.76	
575	5.75	
646	6.55	
721	2.22	
793	-1	
819	-2.56	
853	-2.26	
869	-1.5	
892	-2.71	
897	-3.11	
902	-5.71	



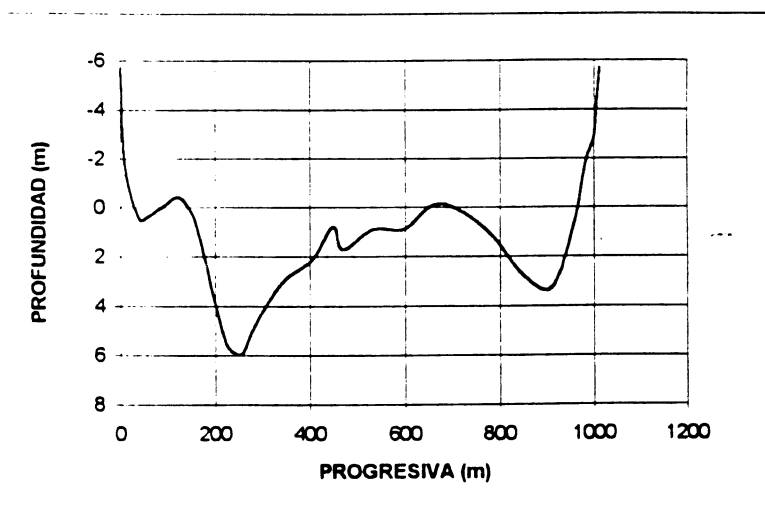
**CRUCE Km 1589**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
284	443187	7174915
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.7	
5	-3.89	
9	-2.88	
55	6.18	
70	6.68	
131	7.79	
200	5.17	
235	2.35	
270	1.75	
335	1.45	
397	1.45	
457	1.75	
515	0.84	
574	1.35	
635	0.64	
696	0.24	
757	0.64	
808	-0.37	
830	-2.38	
835	-5.7	



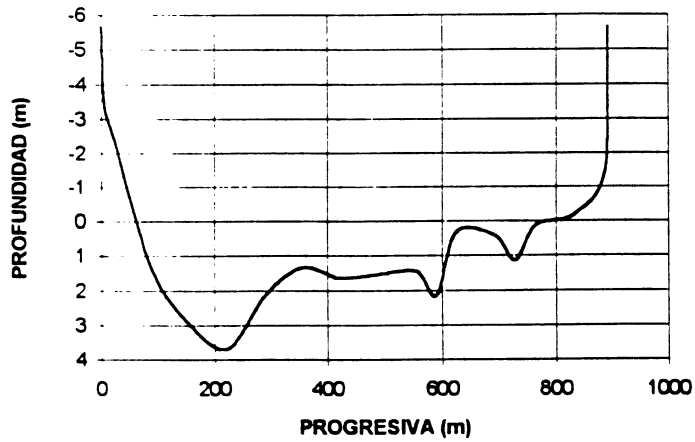
# **CRUCE Km 1593** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
77	441280	7178182
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.68	
10	-1.63	
40	0.5	
57	0.4	
95	-0.11	
127	-0.41	
159	0.6	
223	5.47	
255	5.97	
285	4.76	
343	3.03	
405	2.12	
450	0.8	
470	1.72	
533	0.91	
598	0.91	
661	-0.11	
722	0.2	
786	1.21	
848	2.73	
911	3.24	
959	0.6	
982	-1.83	
1002	-3.05	
1012	-5.68	



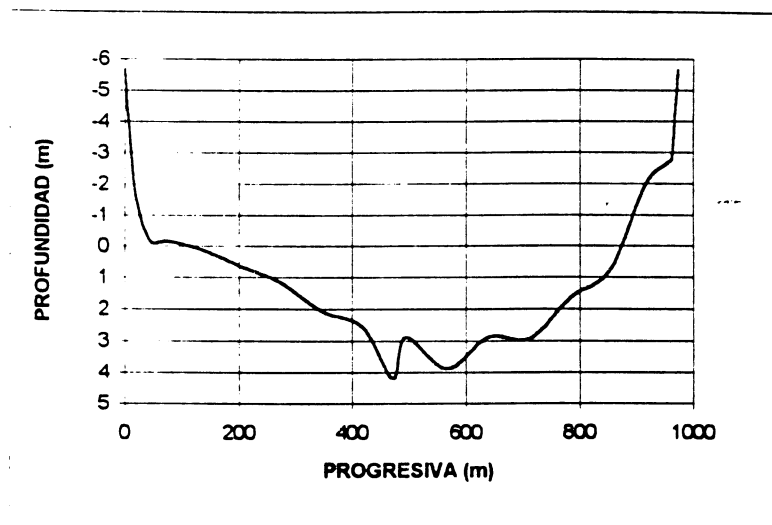
**CRUCE Km 1596**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
302	443272	7180319
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.65	
5	-3.42	
26	-2.21	
88	1.34	
155	2.96	
223	3.67	
289	2.15	
355	1.34	
422	1.64	
488	1.54	
556	1.44	
591	2.15	
625	0.33	
694	0.43	
729	1.14	
764	0.12	
833	-0.18	
887	-1.4	
892	-5.65	



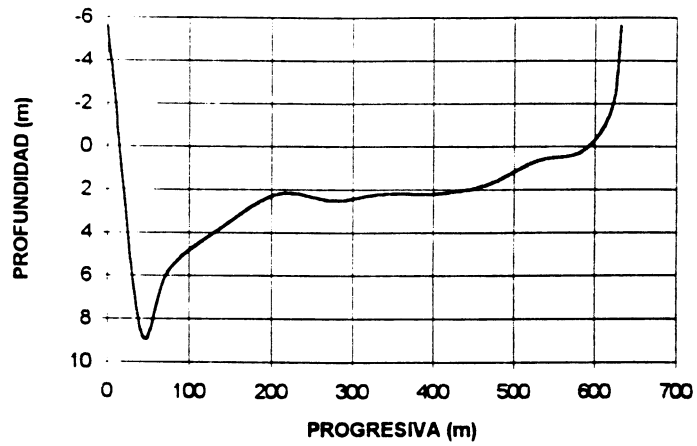
**CRUCE Km 1597**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
107	442439	7181326
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.64	
10	-3.41	
20	-1.59	
45	-0.17	
74	-0.17	
137	0.13	
202	0.64	
272	1.15	
345	2.06	
419	2.57	
471	4.19	
494	2.87	
567	3.88	
640	2.87	
713	2.92	
784	1.65	
855	0.74	
916	-1.99	
959	-2.7	
963	-2.8	
973	-5.64	



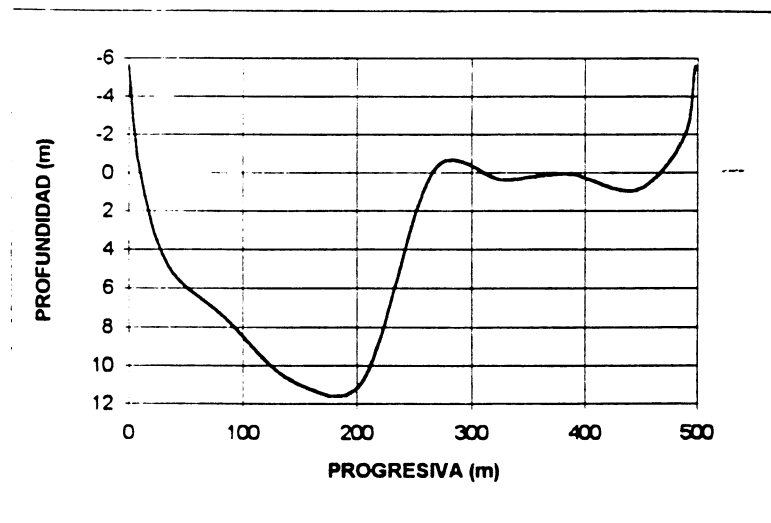
**CRUCE Km 1599**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
87	443385	7183178
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.6	
10	-2.26	
17	0.68	
43	8.79	
76	5.75	
142	3.72	
209	2.2	
276	2.51	
340	2.2	
402	2.2	
464	1.8	
528	0.68	
586	0.17	
622	-1.85	
632	-5.6	



# **CRUCE Km 1601** (Tramo Santa Fé - Asunción)

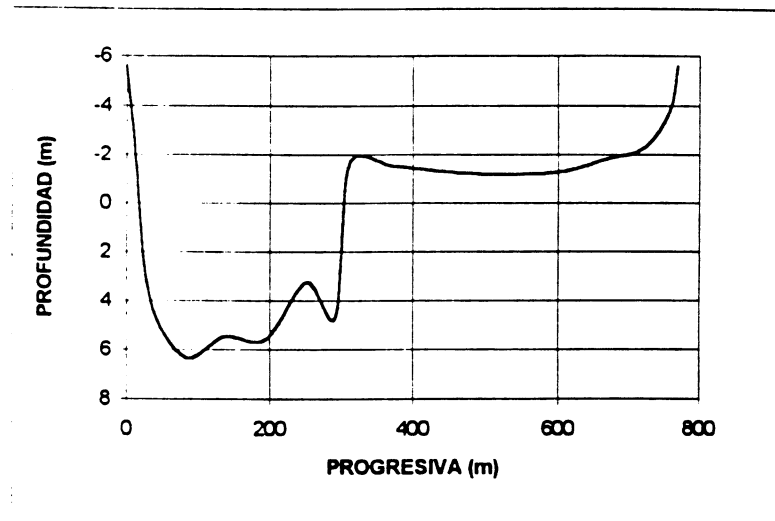
Rumbo	Este	Norte
273	443919	7184619
Progresiva (m)	Profundidad (m)	
0	-5.58	
10	-0.21	
34	4.76	
85	7.54	
144	10.84	
205	10.84	
267	-0.11	
327	0.4	
385	0.09	
446	0.9	
488	-1.83	
498	-5.58	





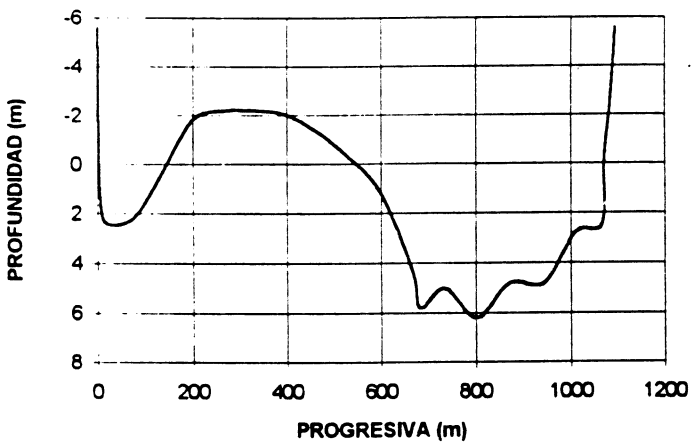
**CRUCE Km 1602**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
282	444283	7185528
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.57	
10	-2.84	
32	3.75	
82	6.29	
137	5.48	
195	5.58	
252	3.25	
293	4.66	
312	-1.62	
371	-1.52	
430	-1.32	
491	-1.21	
551	-1.21	
612	-1.32	
669	-1.82	
724	-2.33	
759	-3.85	
769	-5.57	



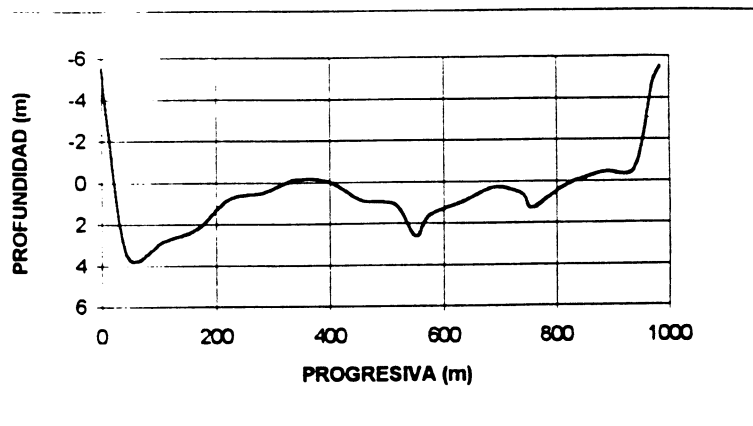
**CRUCE Km 1604**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
252	443105	7187531
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.54	
10	2.16	
72	2.26	
136	0.34	
199	-1.79	
265	-2.2	
333	-2.2	
400	-2	
466	-1.29	
532	-0.27	
599	1.15	
667	4.29	
681	5.81	
735	5	
801	6.21	
872	4.8	
945	4.8	
1011	2.77	
1067	2.46	
1072	-0.27	
1085	-2.81	
1095	-5.54	



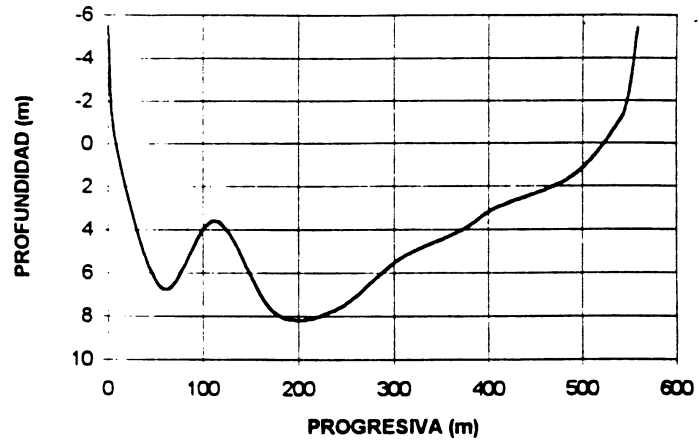
**CRUCE Km 1607**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
51	439984	7189522
<b>Progresiva (m)</b>	<b>Profundidad (m)</b>	
0	-5.49	
10	-2.96	
44	3.53	
108	2.82	
167	2.21	
224	0.79	
282	0.49	
340	-0.12	
398	-0.02	
457	0.89	
516	1.1	
551	2.62	
575	1.6	
632	0.99	
691	0.28	
735	0.54	
745	0.79	
758	1.3	
818	0.18	
884	-0.42	
939	-0.63	
970	-4.58	
974	-4.99	
984	-5.49	



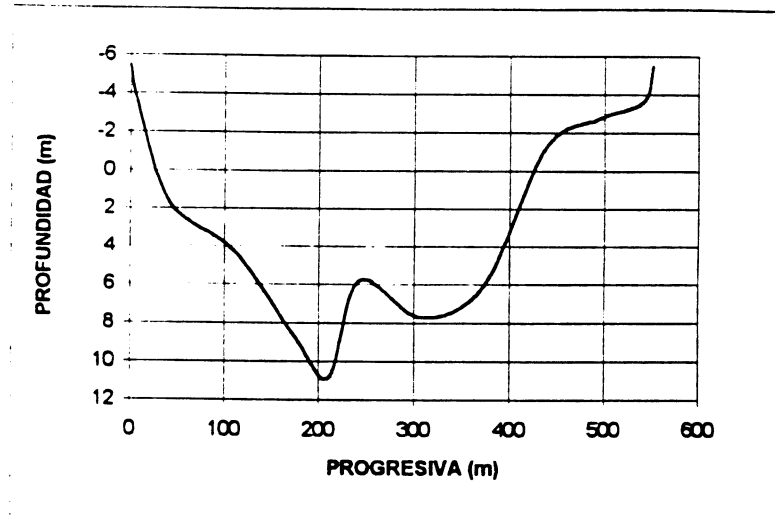
**CRUCE Km 1609**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
228	439233	7191353
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.47	
10	0.27	
57	6.71	
114	3.59	
175	7.82	
239	7.72	
305	5.4	
372	4.04	
408	2.99	
488	1.58	
535	-0.74	
549	-2.25	
559	-5.47	



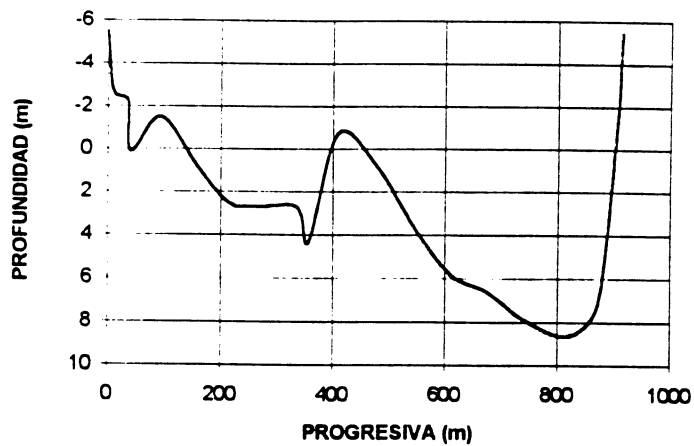
**CRUCE Km 1610**  
(Tramo Santa Fè - Asunción)

Rumbo	Este	Norte
30	438194	7191437
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.46	
10	-3.15	
43	1.79	
111	4.3	
177	8.84	
211	10.85	
243	5.81	
308	7.73	
374	6.02	
438	-1.23	
495	-2.74	
542	-3.65	
552	-5.46	



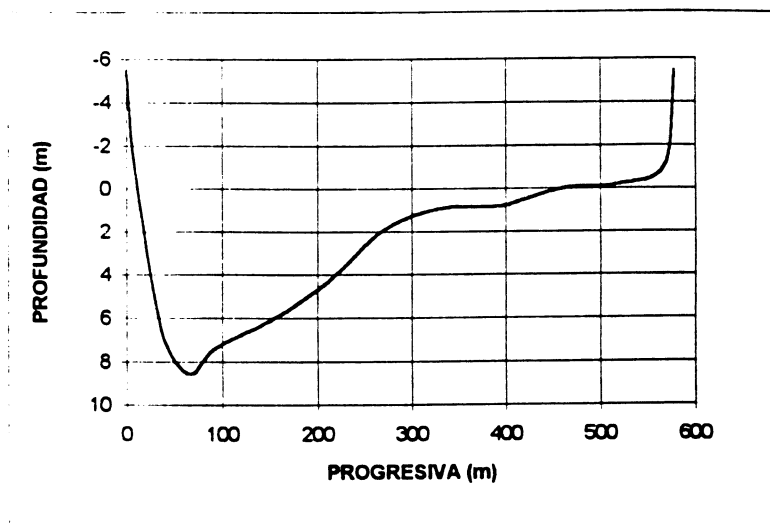
**CRUCE Km 1611**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
211	437722	7192514
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.44	
10	-2.72	
36	-2.22	
41	0.1	
94	-1.51	
159	0.8	
214	2.51	
265	2.71	
336	2.71	
358	4.32	
409	-0.71	
479	0.8	
547	3.72	
611	5.83	
676	6.64	
738	7.85	
818	8.65	
872	7.14	
904	-0.71	
914	-5.44	



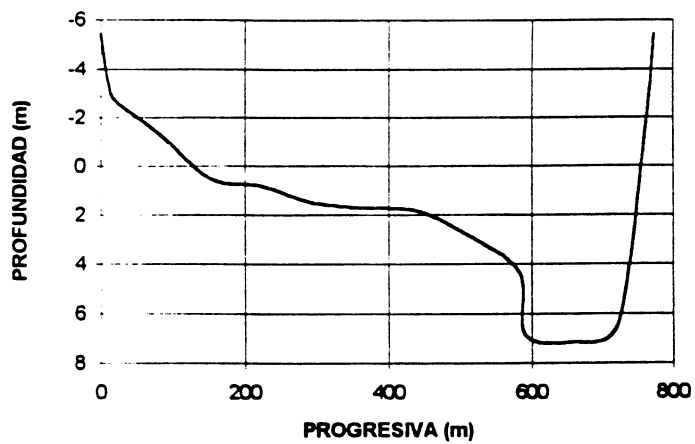
**CRUCE Km 1612**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
18	436363	7191807
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.43	
10	-0.6	
37	6.65	
65	8.56	
93	7.36	
153	6.05	
211	4.33	
271	1.92	
333	0.91	
396	0.81	
459	0.01	
520	-0.2	
568	-1.1	
578	-5.43	



**CRUCE Km 1613**  
(Tramo Santa Fé - Asunción)

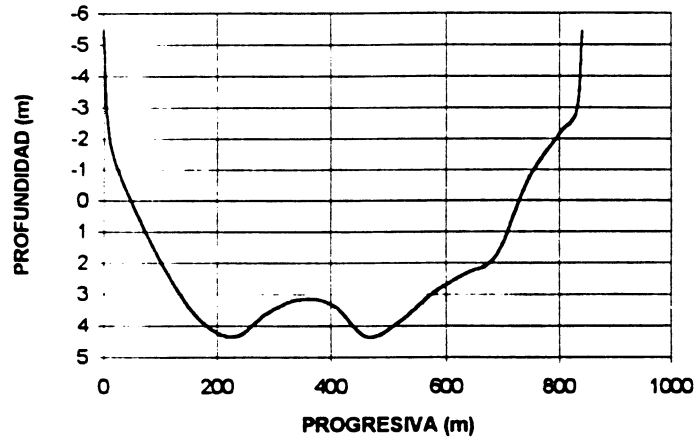
Rumbo	Este	Norte
202	436099	7192622
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.42	
10	-3.51	
21	-2.7	
83	-1.29	
153	0.52	
224	0.82	
295	1.53	
366	1.73	
437	1.83	
510	2.83	
583	4.34	
591	6.86	
655	7.16	
723	6.46	
763	-1.9	
773	-5.42	





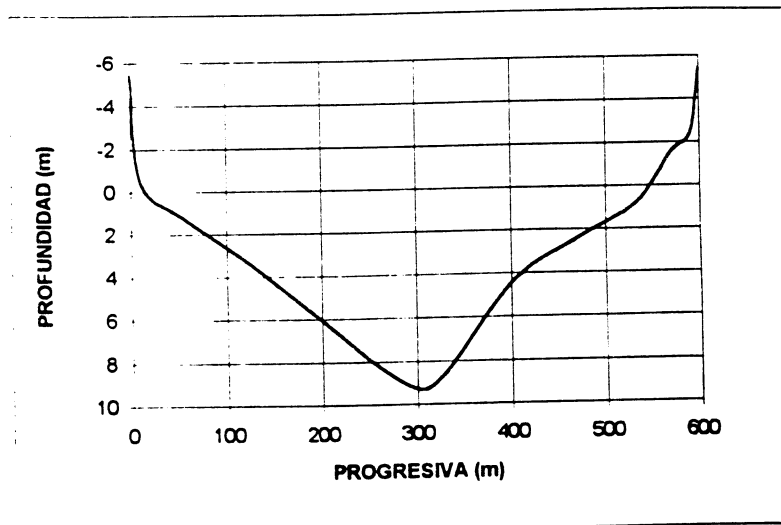
**CRUCE Km 1614**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
31	435110	7192244
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.41	
10	-2.09	
41	-0.28	
113	2.34	
172	3.85	
230	4.35	
288	3.6	
346	3.15	
405	3.35	
464	4.35	
521	3.85	
578	2.95	
634	2.34	
689	1.74	
745	-0.68	
802	-2.19	
832	-2.89	
842	-5.41	



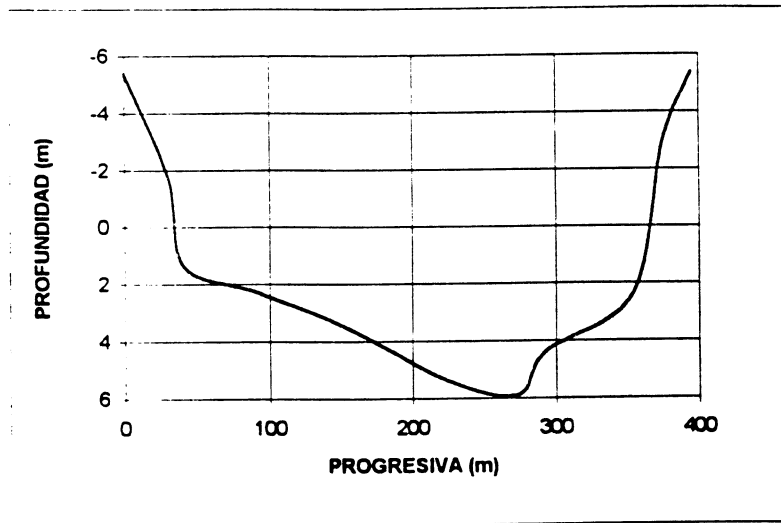
**CRUCE Km 1615**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
256	435109	7193759
Progresiva (m)	Profundidad (m)	
0	-5.39	
10	-0.49	
53	1.21	
122	3.31	
193	5.81	
263	8.31	
306	9.31	
334	8.31	
403	4.31	
474	2.31	
533	0.81	
571	-1.59	
590	-2.39	
600	-5.39	



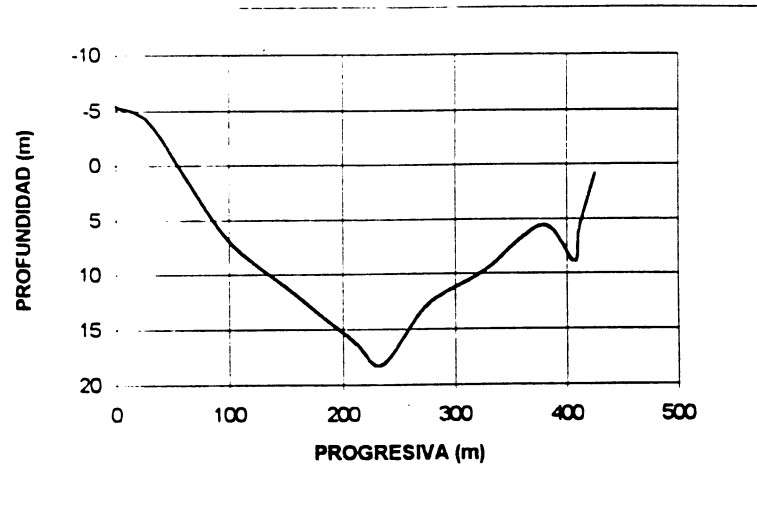
**CRUCE Km 1616 A**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
226	434461	7194692
Progresiva (m)	Profundidad (m)	
0	-5.37	
30	-1.75	
41	1.37	
91	2.28	
157	3.59	
225	5.4	
273	5.9	
293	4.39	
354	2.38	
375	-2.96	
395	-5.37	



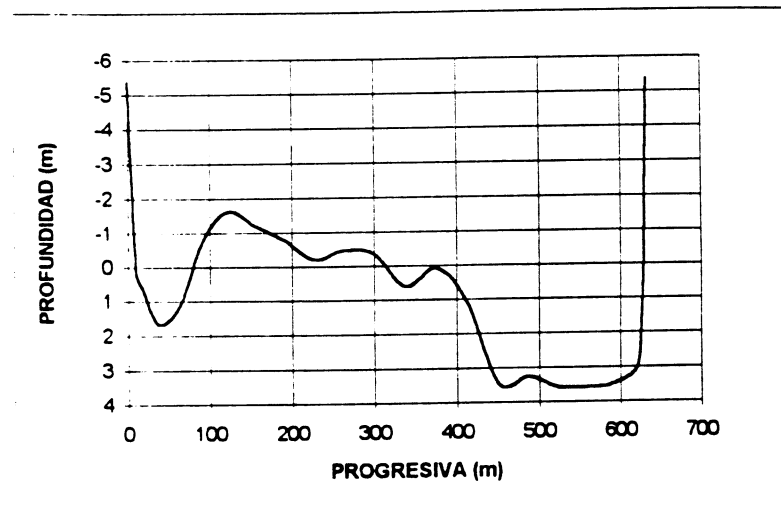
**CRUCE Km 1616 B**  
(Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
74	434542	7194877
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-5.37	
30	-3.86	
96	6.41	
151	11.24	
210	16.17	
234	18.29	
269	13.46	
292	11.64	
327	9.73	
379	5.6	
407	8.93	
412	5.9	
426	0.87	



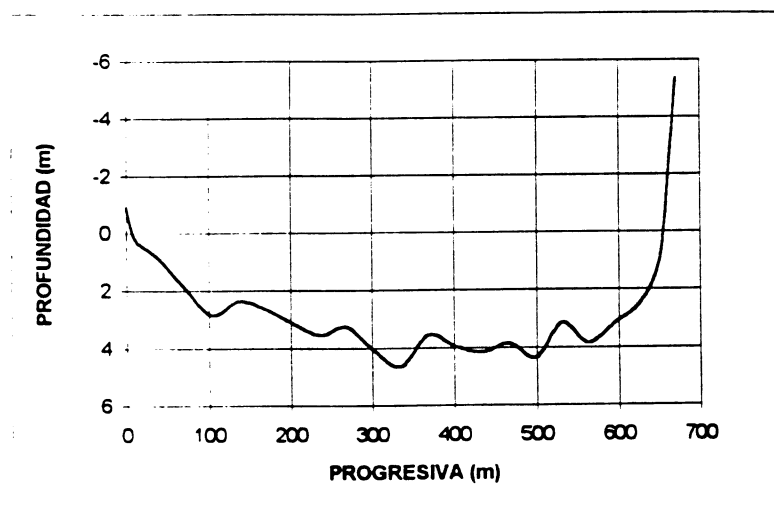
**CRUCE Km 1620**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
73	432481	7196788
<b>Progresiva (m)</b>	<b>Profundidad (m)</b>	
0	-5.34	
10	0.18	
17	0.6	
37	1.66	
63	1.13	
92	-0.78	
123	-1.63	
156	-1.2	
191	-0.78	
227	-0.2	
263	-0.46	
300	-0.35	
338	0.6	
376	0.07	
413	1.13	
450	3.46	
487	3.25	
522	3.57	
557	3.57	
592	3.46	
623	2.82	
633	-5.34	



**CRUCE Km 1623**  
(Tramo Santa Fé - Asunción)

<b>Rumbo</b>	<b>Este</b>	<b>Norte</b>
286	432430	7200414
<u>Progresiva (m)</u>	<u>Profundidad (m)</u>	
0	-0.87	
11	0.23	
38	0.84	
69	1.84	
103	2.85	
137	2.35	
170	2.65	
203	3.15	
237	3.56	
269	3.25	
301	4.06	
335	4.66	
369	3.56	
401	3.96	
434	4.16	
467	3.86	
499	4.36	
531	3.15	
562	3.86	
595	3.15	
627	2.45	
651	0.84	
671	-5.34	



# **CRUCE Km 1627** (Tramo Santa Fé - Asunción)

Rumbo	Este	Norte
130	432790	7204381
Progresiva (m)	Profundidad (m)	
0	1.14	
20	1.94	
50	1.64	
83	2.35	
116	2.45	
150	2.75	
183	2.95	
217	3.35	
251	4.36	
284	3.96	
316	3.35	
350	0.13	
386	-0.17	
422	-0.37	
459	-0.27	
496	9.9	
519	9.4	
538	9.29	
561	8.89	
583	7.99	
603	-5.34	

