

ภาคผนวก ก

ความหนาแน่นของหินตัวอย่างในพื้นที่ศึกษาวิจัย

รหัสหิน	ตำแหน่งหินตัวอย่าง	D(kg/m ³)	ชนิดของหิน	ยุคของหิน	หมายเหตุ
SC00_1	668155E 764379N	2654	หินทราย	คาร์บอนิเฟอรัส	สายแร่ Quartz แทรกผ่าน Braccia Braccia
SC00_2	--"---	2647	--"---	--"---	
SC00_3	--"---	2640	--"---	--"---	
SC00_4	--"---	2625	--"---	--"---	
SC00_5	--"---	2727	--"---	--"---	
SC00_6	--"---	2721	--"---	--"---	
SC00_7	--"---	2639	--"---	--"---	
SC01_1	668685E 764882N	2779	หินทราย	คาร์บอนิเฟอรัส	มีความผุรอบนอก
SC01_2	--"---	2604	--"---	--"---	
SC01_3	--"---	2551	--"---	--"---	
SC01_4	--"---	2639	--"---	--"---	
SC02_1	668685E 764882N	2589	แกรนิต	โทรแอสติก/จูแรสสิก*	เม็ดปานกลาง ผุ สีอ่อน
SC02_2	--"---	2627	--"---	--"---	เม็ดปานกลาง ผุ สีอ่อน
SC03_1	669226E 768777N	2760	หินทราย	คาร์บอนิเฟอรัส	สีแดง
SC03_2	--"---	2628	หินเชิร์ตซ์	--"---	สีดำ
SC03_3	--"---	2769	หินทราย	--"---	สีแดง
SC04_1	668667E 765580N	2581	หินทราย	คาร์บอนิเฟอรัส	เนื้อแน่น
SC04_2	--"---	2611	--"---	--"---	
SC04_3	--"---	2623	--"---	--"---	
SC04_4	--"---	2614	--"---	--"---	
SC04_5	--"---	2622	--"---	--"---	
SC04_6	--"---	2638	--"---	--"---	
SC04_7	--"---	2623	--"---	--"---	
SC05_1	668667E 765580N	2617	แกรนิต	โทรแอสติก/จูแรสสิก*	เม็ดปานกลาง ผุ สีอ่อน
SC05_2	--"---	2593	--"---	--"---	เม็ดหยาบ สีอ่อน
SC06_1	671398E 762506N	2612	แกรนิต	โทรแอสติก/จูแรสสิก*	เม็ดหยาบ ผุ สีอ่อน
SC06_2	--"---	2613	--"---	--"---	--"---
SC06_3	--"---	2614	--"---	--"---	--"---
SC07_1	676423E 772303N	2624	หินทราย	คาร์บอนิเฟอรัส	
SC07_2	--"---	2621	--"---	--"---	
SC07_3	--"---	2628	--"---	--"---	
SC07_4	--"---	2632	--"---	--"---	
SC07_5	--"---	2628	--"---	--"---	
SC07_6	--"---	2624	--"---	--"---	

* แกรนิตอายุปลายยุคโทรแอสติกถึงต้นยุคจูแรสสิก

รหัสของหิน	ตำแหน่งหินตัวอย่าง		D(kg/m ³)	ชนิดของหิน	ยุคของหิน	หมายเหตุ
SC08_1	677482E	772650N	2622	แกรนิต	โทรแอสติก/จูแรสสิก*	เม็ดหยาบ สีอ่อน
SC08_2	---	---	2634	---	---	---
SC08_3	---	---	2630	---	---	---
SC08_4	---	---	2636	---	---	---
SC08_5	---	---	2615	---	---	---
SC08_6	---	---	2623	---	---	---
SC08_7	---	---	2609	---	---	---
SC08_8	---	---	2629	---	---	---
SC08_9	---	---	2606	---	---	---
SC08_10	---	---	2613	---	---	---
SC09_1	679852E	772144N	2747	หินทราย	คาร์บอนิเฟอรัส	Braccia
SC09_2	---	---	2753	---	---	---
SC09_3	---	---	2758	---	---	---
SC09_4	---	---	2574	---	---	---
SC09_5	---	---	2563	---	---	---
SC09_6	---	---	2598	---	---	---
SC010_1	679852E	772144N	2766	หินดินดาน	คาร์บอนิเฟอรัส	สีด้า
SC010_2	---	---	2550	---	---	---
SC010_3	---	---	2740	---	---	สีน้ำตาลแดง
SC010_4	---	---	2646	หินเชิร์ตซ์	---	---
SC010_5	---	---	2598	หินดินดาน	---	---
SC11_1	682221E	772419N	2618	หินดินดาน	คาร์บอนิเฟอรัส	สีน้ำตาลแดง
SC11_2	---	---	2674	---	---	---
SC11_3	---	---	2627	---	---	---
SC11_4	---	---	2677	---	---	สีน้ำตาลแดง
SC11_5	---	---	2651	---	---	---
SC11_6	---	---	2643	---	---	---
SC11_7	---	---	2646	---	---	สีน้ำตาลแดงมีเหล็กออกไซด์
SC11_8	---	---	2657	---	---	---
SC11_9	---	---	2663	---	---	---
SC11_10	---	---	2675	---	---	---
SC11_11	---	---	2650	---	---	---

* หินแกรนิตอายุปลายต้นยุคโทรแอสติกถึงต้นยุคจูแรสสิก

รหัสของหิน	ตำแหน่งของหิน		D(kg/m ³)	ชนิดของหิน	ยุคของหิน	หมายเหตุ
SC12-1	676546E	761616N	2610	แกรนิต	โทรแอลสิค/จูแรลสิค	
SC12-2	---	---	2636	---	---	
SC12-3	---	---	2616	---	---	
SC12-4	---	---	2615	---	---	
SC12-5	---	---	2632	---	---	
SC12-6	---	---	2606	---	---	
SC12-7	---	---	2598	---	---	
SC13-1	676244E	761606N	2625	แกรนิต	โทรแอลสิค/จูแรลสิค	
SC13-2	---	---	2617	---	---	
SC13-3	---	---	2635	---	---	
SC13-4	---	---	2635	---	---	
SC13-5	---	---	2631	---	---	
SC13-6	---	---	2637	---	---	
SC13-7	---	---	2607	---	---	
SC13-8	---	---	2623	---	---	
SC14_1	667950E	773945N	2704	หินดินดาน	คาร์บอนิเฟอรัส	สีแดงน้ำตาล
SC14_2	---	---	2598	---	---	สีแดงแกมน้ำตาล
SC14_3	---	---	2671	---	---	สีน้ำตาลมีเหล็กออกไซด์
SC14_4	---	---	2598	---	---	สีแดงแกมน้ำตาล
SC15_1	666939E	772880N	2593	หินทราย	คาร์บอนิเฟอรัส	
SC15_2	---	---	2542	---	---	
SC15_3	---	---	2561	---	---	
SC15_4	---	---	2545	---	---	
SC15_5	---	---	2550	---	---	
SC16_1	669314E	771820N	2581	หินทราย	คาร์บอนิเฟอรัส	
SC16_2	---	---	2630	---	---	
SC16_3	---	---	2642	---	---	
SC17_1	668597E	761160N	2677	หินทราย	คาร์บอนิเฟอรัส	
SC17_2	---	---	2650	---	---	
SC18_1	668597E	761160N	2697	หินดินดาน	คาร์บอนิเฟอรัส	
SC18_2	---	---	2635	---	---	
SC18-3	---	---	2661	---	---	
SC18-4	---	---	2695	---	---	
SC18-5	---	---	2699	---	---	
SC18-6	---	---	2694	---	---	
SC18-7	---	---	2641	---	---	
SC18-8	---	---	2671	---	---	
SC18-9	---	---	2697	---	---	
SC18-10	---	---	2685	---	---	

รหัสของหิน	ตำแหน่งของหิน		D(kg/m ³)	ชนิดของหิน	ยุคของหิน	หมายเหตุ
SC19_1	675186E	752904N	2626	หินทราย	โทรแอสติก	สีน้ำตาลอมเหลือง
SC19_2	---"---	---"---	2533	---"---	---"---	
SC19_3	---"---	---"---	2522	---"---	---"---	
SC19_4	---"---	---"---	2485	---"---	---"---	
SC20_1	678736E	755437N	2600	หินทราย	โทรแอสติก	
SC20_2	---"---	---"---	2616	---"---	---"---	
SC20_3	---"---	---"---	2602	---"---	---"---	
SC20_4	---"---	---"---	2595	---"---	---"---	
SC20_5	---"---	---"---	2648	---"---	---"---	
SC20_6	---"---	---"---	2609	---"---	---"---	
SC20_7	---"---	---"---	2596	---"---	---"---	
SC20_8	---"---	---"---	2615	---"---	---"---	

2650.0	density of body, 0-surrounding
0.000000	suscept. of body, 0-surrounding
0.0000	Remanent/induced magnetization
0.0	Inclination of remanence, positive down
0.0	Declination of remanence, pos. clockwise
21	Surrounding body, = 21 if none
4000.0	strike length
755000.0	Y-coordinate of body reference point
0.0	strike angle from y-axis anti-clockwise
22	Number of corners in body
654000.0	0.0 X-coord & depth of corner 1
696300.0	0.0 ---"--- 2 (with corner=1.0)
686052.3	3675.8 ---"--- 3 ---"---
687996.0	4375.2 ---"--- 4 ---"---
687384.8	4422.1 ---"--- 5 ---"---
685692.4	4563.1 ---"--- 6 ---"---
684517.1	4460.1 ---"--- 7 ---"---
682777.6	1580.1 ---"--- 8 ---"---
681790.3	1227.7 ---"--- 9 ---"---
680756.1	1133.8 ---"--- 10 ---"---
678922.5	1172.0 ---"--- 11 ---"---
677089.1	828.4 ---"--- 12 ---"---
675114.5	798.8 ---"--- 13 ---"---
673187.0	922.4 ---"--- 14 ---"---
671306.5	1345.2 ---"--- 15 ---"---
669096.9	2425.6 ---"--- 16 ---"---
667263.4	3905.4 ---"--- 17 ---"---
666417.3	4328.2 ---"--- 18 ---"---
665053.9	4445.6 ---"--- 19 ---"---
664066.6	4328.2 ---"--- 20 ---"---
659903.4	3248.0 ---"--- 21 ---"---
653081.6	2599.9 ---"--- 22 ---"---

ภาคผนวก ข

พารามิเตอร์ที่ใช้สร้างแบบจำลองโครงสร้างธรณีวิทยาใต้ระดับน้ำทะเลปานกลางของพื้นที่ศึกษา
ด้วยโปรแกรม Geo Vista AB-GMM, Version 1.31 เป็นดังต่อไปนี้

18	Total number of bodies in model
51320.0	Magnitude of terrestrial field
75.3	Inclination of terrestrial field
0.0	Declination of terrestrial field
2800.0	Surrounding density
0.000015	Surrounding susceptibility

1	Internal body number
2650.0	density of body, 0=surrounding
0.000000	suscept. of body, 0=surrounding
0.0000	Remanent/induced magnetization
0.0	Inclination of remanence, positive down
0.0	Declination of remanence, pos. clockwise
21	Surrounding body, = 21 if none
4000.0	strike length
755000.0	Y-coordinate of body reference point
0.0	strike angle from y-axis anti-clockwise
22	Number of corners in body
654000.0	0.0 X-coord & depth of corner 1
696000.0	0.0 --- " --- 2 (with strike=0.0)
696052.3	3675.8 --- " --- 3 -- " --
687996.0	4375.2 --- " --- 4 -- " --
687384.8	4422.1 --- " --- 5 -- " --
685692.4	4563.1 --- " --- 6 -- " --
684517.1	4469.1 --- " --- 7 -- " --
682777.6	1580.1 --- " --- 8 -- " --
681790.3	1227.7 --- " --- 9 -- " --
680756.1	1133.8 --- " --- 10 -- " --
678922.5	1172.0 --- " --- 11 -- " --
677089.1	828.4 --- " --- 12 -- " --
675114.5	798.8 --- " --- 13 -- " --
673187.0	922.4 --- " --- 14 -- " --
671306.5	1345.2 --- " --- 15 -- " --
669096.9	2425.6 --- " --- 16 -- " --
667263.4	3905.4 --- " --- 17 -- " --
666417.3	4328.2 --- " --- 18 -- " --
665053.9	4445.6 --- " --- 19 -- " --
664066.6	4328.2 --- " --- 20 -- " --
659903.4	3248.0 --- " --- 21 -- " --
653981.6	2599.9 --- " --- 22 -- " --

2	Internal body number
2580.0	density of body, 0=surrounding
0.000000	suscept. of body, 0=surrounding
0.0000	Remanent/induced magnetization
0.0	Inclination of remanence, positive down
0.0	Declination of remanence, pos. clockwise
1	Surrounding body, = 21 if none
4000.0	strike length
755000.0	Y-coordinate of body reference point
0.0	strike angle from y-axis anti-clockwise
25	Number of corners in body
654000.0	0.0 X-coord & depth of corner 1
696000.0	0.0 --- " --- 2 (with strike=0.0)
695958.3	1938.2 --- " --- 3 -- " --
688470.8	2174.1 --- " --- 4 -- " --
686891.2	2286.9 --- " --- 5 -- " --
685593.6	2653.3 --- " --- 6 -- " --
684549.9	2681.5 --- " --- 7 -- " --
683337.0	2526.4 --- " --- 8 -- " --
682166.4	546.6 --- " --- 9 -- " --
681602.3	288.2 --- " --- 10 -- " --
680474.0	264.7 --- " --- 11 -- " --
679204.6	335.2 --- " --- 12 -- " --
678264.4	311.7 --- " --- 13 -- " --
677324.1	100.3 --- " --- 14 -- " --
676101.8	29.8 --- " --- 15 -- " --
675020.5	76.8 --- " --- 16 -- " --
672575.9	429.1 --- " --- 17 -- " --
671400.6	875.4 --- " --- 18 -- " --
670084.2	1415.6 --- " --- 19 -- " --
669049.9	1697.5 --- " --- 20 -- " --
667498.5	1885.4 --- " --- 21 -- " --
665665.0	1932.4 --- " --- 22 -- " --
663861.9	1320.6 --- " --- 23 -- " --
660422.4	1163.0 --- " --- 24 -- " --
653981.6	1106.5 --- " --- 25 -- " --

3	Internal body number
2000.0	density of body, 0=surrounding
0.000000	suscept. of body, 0=surrounding
0.0000	Remanent/induced magnetization
0.0	Inclination of remanence, positive down
0.0	Declination of remanence, pos. clockwise
2	Surrounding body, = 21 if none
4000.0	strike length
755000.0	Y-coordinate of body reference point
0.0	strike angle from y-axis anti-clockwise

21	Number of corners in body		
654000.0	0.0	X-coord & depth of corner 1	
696000.0	0.0	--- " ---	2 (with strike=0.0)
695996.2	125.0	--- " ---	3 -- " --
694394.1	173.6	--- " ---	4 -- " --
691044.1	55.3	--- " ---	5 -- " --
688675.4	72.2	--- " ---	6 -- " --
687321.8	72.2	--- " ---	7 -- " --
685444.1	129.1	--- " ---	8 -- " --
685105.6	86.8	--- " ---	9 -- " --
684940.2	6.4	--- " ---	10 -- " --
665293.8	3.2	--- " ---	11 -- " --
664769.8	35.6	--- " ---	12 -- " --
664503.8	46.1	--- " ---	13 -- " --
664221.8	60.2	--- " ---	14 -- " --
663754.3	35.6	--- " ---	15 -- " --
663483.6	52.4	--- " ---	16 -- " --
662975.8	35.6	--- " ---	17 -- " --
661824.9	35.6	--- " ---	18 -- " --
658962.6	39.1	--- " ---	19 -- " --
655157.5	51.1	--- " ---	20 -- " --
654008.8	110.8	--- " ---	21 -- " --

4	Internal body number		
2650.0	density of body, 0=surrounding		
0.000000	suscept. of body, 0=surrounding		
0.0000	Remanent/induced magnetization		
0.0	Inclination of remanence, positive down		
0.0	Declination of remanence, pos. clockwise		
21	Surrounding body, = 21 if none		
6000.0	strike length		
760000.0	Y-coordinate of body reference point		
0.0	strike angle from y-axis anti-clockwise		

35	Number of corners in body		
654000.0	0.0	X-coord & depth of corner 1	
696000.0	0.0	--- " ---	2 (with strike=0.0)
695958.2	5887.9	--- " ---	3 -- " --
692480.3	5608.1	--- " ---	4 -- " --
690600.4	5794.6	--- " ---	5 -- " --
689096.4	5421.5	--- " ---	6 -- " --
687780.5	5328.3	--- " ---	7 -- " --
686370.6	4955.1	--- " ---	8 -- " --
683764.8	2478.3	--- " ---	9 -- " --
683200.7	1825.2	--- " ---	10 -- " --
682495.5	1498.6	--- " ---	11 -- " --
681978.3	1638.6	--- " ---	12 -- " --
681179.1	2058.4	--- " ---	13 -- " --
680520.9	2105.1	--- " ---	14 -- " --
678875.5	1778.5	--- " ---	15 -- " --

678170.3	1965.1	---	"	---	16	--	"	--
677559.2	2385.0	---	"	---	17	--	"	--
676101.8	3784.6	---	"	---	18	--	"	--
675302.6	4391.1	---	"	---	19	--	"	--
674738.4	4484.4	---	"	---	20	--	"	--
673798.2	4251.1	---	"	---	21	--	"	--
672998.9	3551.3	---	"	---	22	--	"	--
672246.8	2525.0	---	"	---	23	--	"	--
671259.5	1825.2	---	"	---	24	--	"	--
670225.2	1638.6	---	"	---	25	--	"	--
669002.9	1731.9	---	"	---	26	--	"	--
668156.7	2245.1	---	"	---	27	--	"	--
666605.3	4391.1	---	"	---	28	--	"	--
665853.1	4764.3	---	"	---	29	--	"	--
664959.8	4904.3	---	"	---	30	--	"	--
664254.6	4717.7	---	"	---	31	--	"	--
662797.3	3831.3	---	"	---	32	--	"	--
661273.4	4302.2	---	"	---	33	--	"	--
658547.6	4582.0	---	"	---	34	--	"	--
654035.7	5608.1	---	"	---	35	--	"	--

5	Internal body number
2580.0	density of body, 0=surrounding
0.000000	suscept. of body, 0=surrounding
0.0000	Remanent/induced magnetization
0.0	Inclination of remanence, positive down
0.0	Declination of remanence, pos. clockwise
4	Surrounding body, = 21 if none
6000.0	strike length
760000.0	Y-coordinate of body reference point
0.0	strike angle from y-axis anti-clockwise

7	Number of corners in body
696000.0	0.0 X-coord & depth of corner 1
695982.9	782.6 --- " --- 2 (with strike=0.0)
687572.9	1016.3 --- " --- 3 -- " --
687088.4	942.0 --- " --- 4 -- " --
686491.6	938.8 --- " --- 5 -- " --
685034.1	612.2 --- " --- 6 -- " --
684020.6	0.0 --- " --- 7 -- " --

6	Internal body number
2000.0	density of body, 0=surrounding
0.000000	suscept. of body, 0=surrounding
0.0000	Remanent/induced magnetization
0.0	Inclination of remanence, positive down
0.0	Declination of remanence, pos. clockwise
5	Surrounding body, = 21 if none
6000.0	strike length

760000.0	Y-coordinate of body reference point		
0.0	strike angle from y-axis anti-clockwise		
4	Number of corners in body		
696000.0	0.0	X-coord & depth of corner 1	
695992.1	139.8	--- " ---	2 (with strike=0.0)
686422.4	86.9	--- " ---	3 -- " --
686015.6	0.0	--- " ---	4 -- " --

7	Internal body number		
2650.0	density of body, 0=surrounding		
0.000000	suscept. of body, 0=surrounding		
0.0000	Remanent/induced magnetization		
0.0	Inclination of remanence, positive down		
0.0	Declination of remanence, pos. clockwise		
21	Surrounding body, = 21 if none		
4000.0	strike length		
765000.0	Y-coordinate of body reference point		
0.0	strike angle from y-axis anti-clockwise		

26	Number of corners in body		
654000.0	0.0	X-coord & depth of corner 1	
696000.0	0.0	--- " ---	2 (with strike=0.0)
696146.2	6820.7	--- " ---	3 -- " --
693514.3	7846.8	--- " ---	4 -- " --
689190.4	7473.7	--- " ---	5 -- " --
687619.8	7190.3	--- " ---	6 -- " --
686162.4	7143.6	--- " ---	7 -- " --
685034.1	6957.0	--- " ---	8 -- " --
682777.6	4204.5	--- " ---	9 -- " --
681555.3	4157.8	--- " ---	10 -- " --
679909.8	4064.5	--- " ---	11 -- " --
678546.4	4111.2	--- " ---	12 -- " --
677089.1	4297.8	--- " ---	13 -- " --
675443.6	4811.0	--- " ---	14 -- " --
672387.8	5604.1	--- " ---	15 -- " --
670601.3	5464.1	--- " ---	16 -- " --
669943.1	4811.0	--- " ---	17 -- " --
669143.9	1871.8	--- " ---	18 -- " --
668861.9	1638.6	--- " ---	19 -- " --
668015.6	1731.9	--- " ---	20 -- " --
667404.4	2198.4	--- " ---	21 -- " --
664630.8	3877.9	--- " ---	22 -- " --
663361.4	4204.5	--- " ---	23 -- " --
659863.5	4582.0	--- " ---	24 -- " --
656761.6	4955.1	--- " ---	25 -- " --
654035.7	5141.7	--- " ---	26 -- " --

8 Internal body number
 2620.0 density of body, 0=surrounding
 0.000000 suscept. of body, 0=surrounding
 0.0000 Remanent/induced magnetization
 0.0 Inclination of remanence, positive down
 0.0 Declination of remanence, pos. clockwise
 7 Surrounding body, = 21 if none
 4000.0 strike length
 765000.0 Y-coordinate of body reference point
 0.0 strike angle from y-axis anti-clockwise

11 Number of corners in body
 684046.9 0.0 X-coord & depth of corner 1
 682824.6 4204.5 --- " --- 2 (with strike=0.0)
 679862.8 4064.5 --- " --- 3 -- " --
 678781.5 4111.2 --- " --- 4 -- " --
 677042.0 4297.8 --- " --- 5 -- " --
 675208.6 4904.3 --- " --- 6 -- " --
 672387.8 5604.1 --- " --- 7 -- " --
 670601.3 5464.1 --- " --- 8 -- " --
 669990.1 4904.3 --- " --- 9 -- " --
 669190.9 2058.4 --- " --- 10 -- " --
 669049.9 0.0 --- " --- 11 -- " --

9 Internal body number
 2000.0 density of body, 0=surrounding
 0.000000 suscept. of body, 0=surrounding
 0.0000 Remanent/induced magnetization
 0.0 Inclination of remanence, positive down
 0.0 Declination of remanence, pos. clockwise
 7 Surrounding body, = 21 if none
 4000.0 strike length
 765000.0 Y-coordinate of body reference point
 0.0 strike angle from y-axis anti-clockwise

4 Number of corners in body
 654004.3 0.0 X-coord & depth of corner 1
 665971.2 0.0 --- " --- 2 (with strike=0.0)
 662033.5 160.7 --- " --- 3 -- " --
 654004.3 147.7 --- " --- 4 -- " --

10 Internal body number
 2650.0 density of body, 0=surrounding
 0.000000 suscept. of body, 0=surrounding
 0.0000 Remanent/induced magnetization
 0.0 Inclination of remanence, positive down
 0.0 Declination of remanence, pos. clockwise
 21 Surrounding body, = 21 if none
 6000.0 strike length

770000.0	Y-coordinate of body reference point		
0.0	strike angle from y-axis anti-clockwise		
24	Number of corners in body		
654000.0	.0	X-coord & depth of corner 1	
696000.0	.0	--- " ---	2 (with strike=0.0)
695958.2	8872.8	--- " ---	3 -- " --
690318.4	10085.4	--- " ---	4 -- " --
687102.7	4904.3	--- " ---	5 -- " --
685833.4	4111.2	--- " ---	6 -- " --
683059.6	3038.2	--- " ---	7 -- " --
681179.1	2898.2	--- " ---	8 -- " --
680191.9	3271.4	--- " ---	9 -- " --
677606.2	7890.1	--- " ---	10 -- " --
675396.6	8869.8	--- " ---	11 -- " --
673516.1	9103.1	--- " ---	12 -- " --
671823.6	9149.7	--- " ---	13 - " --
670648.3	8496.6	--- " ---	14 - " --
669849.1	7283.6	--- " ---	15 - " --
669567.1	2991.5	--- " ---	16 - " --
669708.1	2385.0	--- " ---	17 - " --
668720.8	1871.8	--- " ---	18 - " --
667169.4	1638.6	--- " ---	19 - " --
666887.3	1871.8	--- " ---	20 - " --
665853.1	4297.8	--- " ---	21 - " --
663784.5	6303.9	--- " ---	22 - " --
657043.6	9805.6	--- " ---	23 - " --
654035.7	9525.8	--- " ---	24 - " --

11	Internal body number
2620.0	density of body, 0=surrounding
0.000000	suscept. of body, 0=surrounding
0.0000	Remanent/induced magnetization
0.0	Inclination of remanence, positive down
0.0	Declination of remanence, pos. clockwise
10	Surrounding body, = 21 if none
6000.0	strike length
770000.0	Y-coordinate of body reference point
0.0	strike angle from y-axis anti-clockwise

13	Number of corners in body		
678029.3	5.7	X-coord & depth of corner 1	
679533.7	705.5	--- " ---	2 (with strike=0.0)
680520.9	1918.5	--- " ---	3 -- " --
680191.9	3271.4	--- " ---	4 -- " --
677700.2	7843.4	--- " ---	5 -- " --
675396.6	8869.8	--- " ---	6 -- " --
673563.1	9103.1	--- " ---	7 -- " --
671823.6	9103.1	--- " ---	8 -- " --
670742.4	8589.9	--- " ---	9 -- " --
669849.1	7283.6	--- " ---	10 -- " --

669567.1	3038.2	---	"	---	11	--	"	--
669990.2	1110.3	---	"	---	12	--	"	--
670789.4	.0	---	"	---	13	--	"	--

12	Internal body number
2000.0	density of body, 0=surrounding
.000000	suscept. of body, 0=surrounding
.0000	Remanent/induced magnetization
.0	Inclination of remanence, positive down
.0	Declination of remanence, pos. clockwise
10	Surrounding body, = 21 if none
6000.0	strike length
770000.0	Y-coordinate of body reference point
.0	strike angle from y-axis anti-clockwise

9	Number of corners in body
654000.0	.0 X-coord & depth of corner 1
665970.6	3.8 --- " --- 2 (with strike=0.0)
665907.6	112.2 --- " --- 3 -- " --
664986.1	32.4 --- " --- 4 -- " --
664686.4	68.5 --- " --- 5 -- " --
663828.6	73.7 --- " --- 6 -- " --
663435.9	151.1 --- " --- 7 -- " --
660074.1	139.8 --- " --- 8 -- " --
653983.1	139.8 --- " --- 9 -- " --

13	Internal body number
2650.0	density of body, 0=surrounding
0.000000	suscept. of body, 0=surrounding
0.0000	Remanent/induced magnetization
0.0	Inclination of remanence, positive down
0.0	Declination of remanence, pos. clockwise
21	Surrounding body, = 21 if none
4000.0	strike length
775000.0	Y-coordinate of body reference point
0.0	strike angle from y-axis anti-clockwise

18	Number of corners in body
654000.0	.0 X-coord & depth of corner 1
696000.0	.0 --- " --- 2 (with strike=0.0)
695958.2	7473.7 --- " --- 3 -- " --
690788.4	6914.0 --- " --- 4 -- " --
685833.4	3038.2 --- " --- 5 -- " --
683858.8	1871.8 --- " --- 6 -- " --
682730.6	1591.9 --- " --- 7 -- " --
681790.3	1498.6 --- " --- 8 -- " --
680379.9	1778.5 --- " --- 9 -- " --
677418.1	7843.4 --- " --- 10 -- " --

676665.9	8356.6	---	"	---	11	--	"	--
673328.1	6957.0	---	"	---	12	--	"	--
670178.2	6863.7	---	"	---	13	--	"	--
668323.2	7287.1	---	"	---	14	--	"	--
666558.3	7890.1	---	"	---	15	--	"	--
664093.4	8593.0	---	"	---	16	--	"	--
657513.6	10178.7	---	"	---	17	--	"	--
654035.7	10831.7	---	"	---	18	--	"	--

14	Internal body number							
2620.0	density of body, 0=surrounding							
0.000000	suscept. of body, 0=surrounding							
0.0000	Remanent/induced magnetization							
0.0	Inclination of remanence, positive down							
0.0	Declination of remanence, pos. clockwise							
13	Surrounding body, = 21 if none							
4000.0	strike length							
775000.0	Y-coordinate of body reference point							
0.0	strike angle from y-axis anti-clockwise							
11	Number of corners in body							
678993.1	.0	X-coord & depth of corner						1
679909.8	565.5	---	"	---	2	(with strike=0.0)		
680379.9	1778.5	---	"	---	3	--	"	--
677418.1	7843.4	---	"	---	4	--	"	--
676665.9	8356.6	---	"	---	5	--	"	--
673140.0	6910.4	---	"	---	6	--	"	--
670131.2	6817.1	---	"	---	7	--	"	--
668485.8	7236.9	---	"	---	8	--	"	--
666370.2	7936.7	---	"	---	9	--	"	--
667592.5	2338.4	---	"	---	10	--	"	--
669143.9	0.0	---	"	---	11	--	"	--

15	Internal body number							
2000.0	density of body, 0=surrounding							
0.000000	suscept. of body, 0=surrounding							
0.0000	Remanent/induced magnetization							
0.0	Inclination of remanence, positive down							
0.0	Declination of remanence, pos. clockwise							
13	Surrounding body, = 21 if none							
4000.0	strike length							
775000.0	Y-coordinate of body reference point							
0.0	strike angle from y-axis anti-clockwise							
12	Number of corners in body							
654000.0	.0	X-coord & depth of corner						1
665007.4	.0	---	"	---	2	(with strike=0.0)		
664983.5	86.9	---	"	---	3	--	"	--
663849.0	114.2	---	"	---	4	--	"	--

663380.1	122.8	---	"	---	5	--	"	--
663125.6	157.2	---	"	---	6	--	"	--
661968.2	158.7	---	"	---	7	--	"	--
660532.3	75.0	---	"	---	8	--	"	--
659216.1	158.7	---	"	---	9	--	"	--
657923.8	146.7	---	"	---	10	--	"	--
656440.1	86.9	---	"	---	11	--	"	--
654000.0	122.9	---	"	---	12	--	"	--

16 Internal body number
2000.0 density of body, 0=surrounding
0.000000 suscept. of body, 0=surrounding
0.0000 Remanent/induced magnetization
0.0 Inclination of remanence, positive down
0.0 Declination of remanence, pos. clockwise
14 Surrounding body, = 21 if none
4000.0 strike length
775000.0 Y-coordinate of body reference point
0.0 strike angle from y-axis anti-clockwise

5 Number of corners in body
668738.3 0.0 X-coord & depth of corner 1
678333.9 0.0 --- " --- 2 (with strike=0.0)
677927.8 27.7 --- " --- 3 -- " --
674973.5 53.3 --- " --- 4 -- " --
670434.2 26.7 --- " --- 5 -- " --

17 Internal body number
2000.0 density of body, 0=surrounding
0.000000 suscept. of body, 0=surrounding
0.0000 Remanent/induced magnetization
0.0 Inclination of remanence, positive down
0.0 Declination of remanence, pos. clockwise
4 Surrounding body, = 21 if none
6000.0 strike length
760000.0 Y-coordinate of body reference point
0.0 strike angle from y-axis anti-clockwise

9 Number of corners in body
653953.0 0.0 X-coord & depth of corner 1
665403.7 0.0 --- " --- 2 (with strike=0.0)
664296.6 98.9 --- " --- 3 -- " --
663746.2 51.1 --- " --- 4 -- " --
662908.6 39.1 --- " --- 5 -- " --
660383.8 51.1 --- " --- 6 -- " --
657153.0 27.1 --- " --- 7 -- " --
655746.5 72.2 --- " --- 8 -- " --
653986.9 122.9 --- " --- 9 -- " --

18	Internal body number		
2620.0	density of body, 0=surrounding		
0.000000	suscept. of body, 0=surrounding		
0.0000	Remanent/induced magnetization		
0.0	Inclination of remanence, positive down		
0.0	Declination of remanence, pos. clockwise		
4	Surrounding body, = 21 if none		
2000.0	strike length		
762000.0	Y-coordinate of body reference point		
0.0	strike angle from y-axis anti-clockwise		
12	Number of corners in body		
670366.3	0.0	X-coord & depth of corner 1	
682542.5	0.0	--- " ---	2 (with strike=0.0)
681978.3	1312.0	--- " ---	3 -- " --
680944.1	1545.3	--- " ---	4 -- " --
680191.9	1918.5	--- " ---	5 -- " --
678499.4	1871.8	--- " ---	6 -- " --
677324.1	1918.5	--- " ---	7 -- " --
675819.7	3644.6	--- " ---	8 -- " --
674926.4	3971.2	--- " ---	9 -- " --
674221.3	3877.9	--- " ---	10 -- " --
673140.0	2851.5	--- " ---	11 -- " --
672387.8	2105.1	--- " ---	12 -- " --

ภาคผนวก ค

ตำแหน่งและความลึกของวัตถุต้นเหตุของแผนที่คอนทราสต์สามโน้มถ่วงผิปกติโดยแบบจำลองอย่างง่าย จากกรวิเคราะห์ด้วยโปรแกรม GRIDEPTH 3-D Euler Deconvolution of Magnetic and Gravity Data version 1.0 เป็นดังต่อไปนี้

ตำแหน่งและความลึกของแบบจำลองแบบแผ่นหนา

EAST	NORTH	DEPTH	DC	DEPTH-ERR%	POSITION-ERR%
680315.50	769913.19	1015.29	-5.24	14.05	58.29
679196.25	768694.81	1114.80	10.16	12.79	53.79
681031.56	771566.00	1121.43	-19.13	12.90	48.58
669209.81	774098.25	1145.95	10.95	14.01	39.87
669006.25	773296.13	1188.65	5.84	11.60	31.26
673260.38	771165.00	1351.21	36.45	14.44	50.90
681384.63	772922.13	1353.53	-29.23	10.67	34.59
680339.06	767039.31	1383.86	6.61	11.95	25.68
680668.69	768599.31	1418.35	-2.47	12.30	37.77
677662.69	768529.06	1468.87	26.28	10.81	43.52
673519.94	764645.25	1516.67	27.89	14.21	33.95
679939.38	766643.94	1565.06	10.67	9.40	18.57
680386.19	767096.94	1604.57	6.24	9.81	24.81
680001.19	767243.38	1649.41	8.87	9.08	29.09
680019.13	766654.38	1693.59	10.18	7.73	17.38
679820.88	766577.13	1781.64	12.89	7.33	19.44
678788.69	766535.88	1787.37	20.05	6.97	17.19
679565.31	766458.81	1791.42	14.39	6.35	15.11
678578.38	766376.31	1820.24	20.96	7.65	17.34
679699.56	766420.69	1845.75	13.15	6.43	13.21
678965.69	766474.44	1876.38	20.49	6.95	18.92
679048.06	766510.31	1887.97	20.42	7.37	23.79
679331.81	766300.19	1888.87	16.22	6.07	13.20
677214.38	766810.19	1919.98	29.77	9.95	21.96
677407.31	767078.06	1950.79	29.92	8.35	19.95
678441.81	765935.56	1977.77	23.02	9.40	19.52
679762.63	766178.63	1979.35	14.62	7.38	13.36
673968.81	765593.69	1995.67	35.75	10.98	24.38
672861.50	773861.44	2014.76	46.80	12.71	36.31
676954.25	766253.94	2050.43	31.23	12.03	24.37
679708.81	764476.13	2061.46	20.93	14.27	27.91

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
677558.56	766947.88	2127.96	31.73	7.51	19.87
678725.75	765283.31	2130.32	23.86	11.63	22.98
679296.31	765899.38	2131.36	18.74	6.84	13.55
676865.38	765610.75	2133.12	31.74	14.05	27.23
679618.69	766020.19	2189.46	16.42	5.91	11.03
674258.19	766607.44	2222.00	41.47	10.00	22.05
677666.88	766629.88	2243.64	33.56	7.02	22.30
675742.38	769655.63	2255.47	44.71	8.59	31.63
674408.50	768032.69	2334.73	45.92	8.81	20.59
679902.56	765269.06	2483.31	20.13	8.30	15.24
674634.69	768614.06	2537.99	48.88	7.57	18.70
675386.50	767667.38	2543.31	44.57	10.70	20.30
674061.88	765766.38	2630.18	44.49	10.16	18.65
675507.00	768258.31	2660.22	46.34	8.46	17.38
675131.25	766885.31	2668.84	44.59	12.03	21.22
674791.38	768802.06	2682.80	51.44	7.03	20.08
674940.13	766190.56	2716.46	43.76	12.88	22.01
681300.50	764607.63	2750.33	18.92	9.46	16.32
680249.88	765630.25	2757.33	18.03	6.10	10.16
674285.13	771111.88	2784.86	56.34	7.51	23.76
680237.94	765455.38	2787.44	18.90	6.17	10.52
675662.63	768174.19	2908.99	48.91	7.09	16.50
675876.69	767773.81	2975.90	50.19	6.51	19.43
674141.75	766418.50	3165.94	50.91	10.56	16.88
674274.94	766632.69	3279.38	53.08	8.44	14.30
681701.31	765024.31	3373.38	19.47	6.53	10.26
673474.19	774384.25	3463.70	66.38	7.59	19.16
674233.38	771410.19	3492.10	63.48	5.97	19.52
674181.31	767193.81	3518.70	56.26	9.75	15.11
674446.31	767558.81	3543.38	58.64	7.84	13.32
681628.69	765347.44	3552.67	19.76	5.65	8.67
674310.88	768142.75	3559.05	59.27	9.05	14.56
674567.56	768829.31	3753.71	63.34	6.13	11.28
674378.63	769172.31	3776.72	63.09	6.73	11.79
674179.38	771757.00	3838.63	68.56	5.32	16.16
674727.50	769008.88	4031.95	66.15	4.73	12.76
674797.88	769065.94	4063.67	66.58	4.54	9.33
674925.50	768942.56	4087.65	67.47	4.27	11.11
674553.88	769210.06	4094.23	66.18	5.02	10.11

ตำแหน่งและความลึกของแบบจำลองแบบแผ่นหนา

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
667932.13	765618.75	2776.74	138.13	7.05	16.13
668156.69	765892.44	2604.51	138.73	7.80	17.61
668540.75	766740.75	2250.56	146.43	8.35	19.35
668956.38	767940.94	2086.56	155.96	6.42	16.05
669243.75	768626.38	2088.00	163.39	4.73	12.63
669358.94	769248.56	2060.10	172.27	4.61	13.54
669331.50	770948.31	2165.85	191.47	4.75	15.17
669149.25	773042.00	2684.19	214.83	5.44	14.42
668335.06	765157.19	2460.99	149.42	8.56	20.68
668578.44	765662.56	2302.44	150.00	8.97	21.94
668923.50	766735.88	2007.50	156.32	8.75	22.67
669238.44	768087.81	1911.63	163.87	6.21	17.48
669471.25	768689.75	1934.66	169.19	4.81	14.15
669580.50	769265.50	1896.19	177.09	5.14	16.35
669508.75	771283.00	2027.34	197.28	5.75	19.60
669201.81	774135.13	2733.99	225.31	6.22	17.44
669188.75	764405.75	2052.75	163.21	10.38	27.85
669445.75	765245.69	1924.75	165.57	10.48	29.15
669688.19	766619.63	1714.80	171.47	9.87	29.51
669858.50	768175.75	1668.67	177.45	7.40	23.80
670054.69	768756.94	1703.30	181.39	6.40	20.94
670179.63	769361.81	1682.42	189.14	6.92	24.00
670026.44	771701.81	1876.85	209.62	7.59	27.68
669538.25	775130.06	2721.96	239.11	7.54	22.68
670528.94	763728.63	1854.84	182.84	11.09	32.37
670861.63	764727.38	1818.14	188.54	10.76	32.45
671056.75	766186.19	1687.86	195.35	10.42	33.27
671124.25	767913.69	1641.05	201.35	8.96	30.39
671308.81	768618.63	1691.37	205.58	8.21	27.98
671479.94	769274.13	1727.37	213.82	8.48	30.49
671327.63	771616.75	1969.28	233.41	9.06	34.31
670907.94	774790.13	2723.63	260.15	9.37	29.37
672007.75	763738.63	2125.08	212.35	9.69	27.80
672447.06	764701.50	2299.04	222.50	8.86	24.88
672737.75	765955.50	2313.28	231.88	8.66	24.61
672874.56	767675.81	2305.08	240.23	8.08	24.03

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
673111.06	768455.38	2408.89	246.07	7.59	22.74
673343.13	768978.44	2533.80	254.51	7.53	24.41
673159.13	771180.56	2803.71	272.35	7.96	28.34
672687.50	774354.19	3589.76	299.05	8.45	24.67
673217.88	764491.00	2927.89	249.14	7.94	18.97
673644.81	765406.00	3401.41	264.46	7.08	15.60
673974.25	766470.31	3602.73	276.77	7.03	15.18
674210.38	768122.75	3741.08	288.38	6.40	14.47
674564.81	768674.63	4025.19	296.96	5.72	13.29
674850.56	768715.94	4230.68	304.75	5.52	14.77
674384.50	771089.25	4357.63	317.73	6.01	18.77
673460.13	774863.19	5201.10	344.59	6.50	16.44
673809.25	765465.38	3951.90	281.78	7.71	14.24
674029.44	766398.81	4611.22	300.04	7.16	12.06
674263.44	767500.25	4848.82	312.83	7.20	11.93
674470.88	769143.94	5191.22	327.23	5.78	10.16
674828.94	769337.25	5738.00	339.05	4.43	8.31
675100.19	768924.31	5887.50	344.07	4.15	9.81
674358.31	771826.63	5600.86	347.44	4.90	14.47
674085.56	766144.38	4538.22	296.82	8.46	13.76
674160.31	767055.25	4873.72	308.19	8.38	13.10
674385.63	768268.31	4858.29	314.98	8.15	13.05
674447.88	769629.50	5294.50	328.47	6.10	10.29
674636.81	769589.94	5892.56	340.68	4.68	8.61
674892.25	769179.00	5937.42	343.29	4.40	10.80
674395.69	771765.75	5341.88	338.04	5.16	16.30
675121.56	766034.69	4287.08	285.44	8.94	15.72
675413.50	766892.13	4160.68	285.84	8.47	15.43
675793.81	767875.63	3994.29	285.33	7.38	14.46
675903.56	768578.38	4228.73	291.77	5.83	11.99
676035.81	768426.19	4622.42	300.50	5.11	11.42
676248.63	768011.81	4764.50	305.42	4.91	13.92
676146.88	769884.25	4054.28	295.45	5.83	20.97
677375.69	764865.38	3639.81	258.00	9.56	19.35
676971.31	765702.88	3864.32	264.69	8.30	16.16
677183.88	766497.50	3706.23	261.70	6.93	14.22
677591.75	767172.44	3555.78	257.60	5.27	11.91
677841.44	767438.63	3643.06	258.90	4.39	10.58

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
677997.63	767255.50	3902.51	264.73	4.24	11.02
678076.50	766991.13	4083.40	270.60	4.31	13.25
678116.69	768716.00	3370.61	258.01	5.41	21.17
679480.63	764785.88	3749.88	246.26	8.57	16.89
678449.31	765670.88	3826.33	252.03	7.08	13.88
678327.81	766466.94	3641.56	248.53	5.31	10.98
678655.13	766965.63	3509.09	243.23	3.82	8.73
678958.19	767071.88	3551.10	242.36	3.38	8.34
679171.94	766910.63	3733.24	245.40	3.52	9.41
679257.31	766886.94	3836.67	247.74	3.83	11.98
679475.94	768744.81	3143.72	229.74	4.91	20.05
681006.44	765006.81	4293.99	242.03	7.01	12.34
679415.94	765828.13	4056.96	245.61	5.83	10.77
678928.75	766609.19	3735.33	242.05	4.14	8.23
679154.06	767023.88	3578.81	236.60	3.07	6.74
679472.38	767074.50	3594.97	234.67	2.99	7.11
679772.88	766997.19	3706.40	234.56	3.38	8.82
679992.19	767416.00	3696.63	229.85	3.97	12.38
680396.56	769707.75	3117.19	203.98	4.70	19.10
681452.00	765476.44	4904.75	243.19	5.58	8.95
679706.19	766080.25	4323.67	243.49	4.79	8.30
679138.00	766797.13	3776.34	238.60	3.51	6.66
679367.19	767173.56	3559.41	232.66	2.94	6.12
679749.31	767224.94	3548.91	229.38	3.18	7.17
680167.88	767350.06	3594.31	225.26	3.95	9.82
680510.31	768464.06	3525.36	211.84	4.72	14.10
680962.00	771065.44	3238.95	180.65	4.48	16.63
681452.00	765825.75	5159.63	244.22	4.99	7.82
679728.19	766275.75	4341.53	242.15	4.58	7.81
679231.13	766966.88	3612.14	236.00	3.75	6.95
679511.38	767361.50	3343.46	229.61	3.48	7.01
679956.06	767495.38	3311.40	224.88	4.02	8.64
680458.38	767938.63	3330.76	216.71	5.09	12.03
680850.19	769671.06	3356.99	196.12	5.57	15.41
681225.31	772142.56	3450.37	164.14	4.24	13.53

672655.50

764728.63

4049.83

210.58

5.28

15.01

672954.31

766142.38

4112.34

216.30

5.09

14.76

ตำแหน่งและความลึกของแบบจำลองรูปทรงกระบอก

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
668016.31	765430.88	4451.88	168.87	4.40	10.05
668285.00	765724.13	4287.46	169.41	4.68	10.53
668668.75	766483.50	3952.86	173.05	4.68	10.85
669056.44	767588.44	3751.05	177.72	3.70	9.24
669380.19	768371.63	3697.99	182.13	2.80	7.57
669584.19	769180.88	3642.14	187.71	2.67	8.12
669653.00	771236.19	3747.11	199.07	3.06	10.03
669480.50	773974.31	4439.53	213.21	3.61	9.73
668441.06	764925.63	4156.20	174.11	5.08	12.46
668717.81	765510.06	4002.65	174.89	5.07	12.66
669057.31	766532.63	3742.70	178.07	4.60	12.23
669366.88	767822.38	3619.70	182.02	3.33	9.64
669651.94	768587.31	3608.72	185.68	2.56	7.86
669847.00	769363.19	3562.15	190.81	2.73	9.17
669858.25	771714.13	3708.61	202.53	3.46	12.10
669545.56	775123.75	4565.18	218.48	3.98	11.32
669284.38	764145.75	3784.44	180.51	5.80	15.83
669584.13	765144.69	3654.11	182.64	5.56	15.91
669848.63	766541.81	3475.63	186.12	4.87	15.09
670045.25	768110.06	3417.42	189.72	3.64	12.18
670294.88	768899.06	3444.54	192.83	3.11	10.71
670489.44	769683.13	3433.68	197.70	3.44	12.50
670385.44	772316.38	3657.42	209.19	4.25	15.68
669888.50	776171.94	4621.66	225.30	4.64	14.01
670617.00	763460.19	3585.96	189.69	5.97	17.74
671005.44	764689.06	3551.30	193.89	5.66	17.50
671240.94	766255.31	3458.76	198.23	5.19	17.08
671343.44	768055.19	3422.41	202.02	4.40	15.40
671571.25	768961.44	3483.27	205.15	4.08	14.43
671793.25	769757.63	3539.89	210.05	4.37	16.16
671620.00	772465.75	3823.16	220.88	5.13	19.30
671130.50	776181.13	4742.24	235.92	5.62	17.34
672128.06	763512.69	3854.34	203.93	5.61	16.31
672635.50	764728.63	4049.83	210.58	5.26	15.01
672954.31	766142.38	4112.34	216.30	5.09	14.76

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
673094.63	767967.88	4127.06	221.06	4.76	14.48
673351.25	768928.25	4252.89	224.78	4.55	14.10
673607.50	769576.88	4397.31	229.61	4.67	15.62
673305.88	772335.63	4702.59	239.44	5.26	18.53
672713.31	776130.88	5673.40	254.48	5.67	16.19
673439.69	764424.50	4722.42	223.05	5.25	12.54
673924.13	765568.50	5249.50	232.20	4.82	10.69
674258.88	766768.94	5517.78	239.23	4.75	10.47
674458.75	768464.31	5665.25	245.06	4.43	10.34
674776.94	769192.38	5930.41	249.46	4.06	10.03
675032.31	769421.38	6117.97	253.58	4.04	11.52
674391.50	772534.13	6257.44	260.86	4.60	14.55
673399.25	776739.94	7233.45	275.40	4.99	12.60
674090.81	765669.06	5943.27	241.62	5.30	9.73
674322.81	766765.31	6679.06	251.89	4.91	8.33
674526.31	767914.38	7011.51	259.02	4.82	8.19
674686.00	769480.63	7289.12	265.27	4.05	7.46
674990.31	769851.56	7693.33	270.01	3.28	6.74
675193.69	769745.50	7755.51	272.16	3.24	8.43
674292.00	773368.06	7486.46	274.76	4.00	12.15
674203.13	766505.63	6699.56	250.90	5.76	9.21
674228.13	767494.94	7124.19	257.67	5.58	8.64
674376.69	768668.50	7208.39	261.90	5.32	8.56
674472.19	769958.31	7490.08	266.99	4.24	7.43
674705.94	770091.75	7885.93	271.24	3.44	6.93
674958.94	769900.69	7806.47	271.73	3.42	9.23
674384.44	772949.75	7149.05	269.22	4.21	13.77
674957.00	766434.25	6433.84	245.93	6.15	10.50
675164.75	767291.06	6391.39	247.35	5.71	10.07
675486.13	768259.38	6262.51	247.80	5.06	9.60
675672.75	768999.44	6427.68	250.35	4.21	8.64
675911.19	768918.50	6736.98	253.76	3.82	8.88
676239.69	768466.56	6773.88	255.27	3.77	11.24
676141.00	770821.75	5866.99	248.88	4.53	16.70
677410.56	765039.44	5596.59	230.18	6.67	13.36
676860.13	765996.63	5929.51	235.06	5.69	11.03
676984.81	766775.31	5845.94	234.83	4.71	9.54
677362.69	767467.00	5720.66	233.49	3.70	8.17
677664.56	767773.38	5819.52	234.22	3.14	7.50

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
677911.63	767555.31	6076.08	236.96	3.06	8.10
678118.81	767145.69	6183.70	239.30	3.12	9.90
678171.56	769504.13	5206.90	230.78	3.97	15.96
679839.25	764908.94	5830.86	224.41	5.84	11.42
678620.25	765858.19	5956.20	228.29	4.75	9.39
678338.75	766650.19	5819.74	227.81	3.51	7.29
678598.50	767188.13	5709.90	225.99	2.50	5.66
678921.31	767316.88	5786.12	225.87	2.17	5.35
679182.19	767090.63	5986.85	227.61	2.27	6.17
679338.19	766939.50	6020.55	228.60	2.44	7.88
679536.69	769472.13	5057.43	217.48	3.32	13.96
681390.56	765223.88	6537.57	223.35	4.77	8.22
679656.56	766035.06	6293.42	225.50	3.86	7.08
678991.88	766804.06	5972.86	224.74	2.64	5.22
679128.25	767262.00	5819.79	222.79	1.83	3.98
679454.25	767325.50	5870.90	222.18	1.75	4.17
679776.44	767168.00	6011.31	222.58	1.99	5.27
680016.50	767417.06	5945.71	220.70	2.26	7.23
680365.00	770162.69	5126.10	206.93	2.94	12.18
681684.94	765833.81	7141.17	224.72	3.87	6.08
679836.00	766402.38	6551.24	225.01	3.15	5.37
679131.00	767079.25	5997.78	223.35	2.16	4.03
679297.25	767478.69	5780.13	221.00	1.70	3.48
679694.44	767536.25	5809.37	219.68	1.87	4.20
680119.94	767567.50	5901.71	218.26	2.26	5.72
680457.81	768389.38	5808.09	212.86	2.54	7.80
680842.25	771088.81	5302.88	198.15	2.72	10.26
681547.56	766311.00	7317.56	225.51	3.56	5.46
679728.19	766730.13	6501.11	224.66	3.03	5.04
679132.31	767358.56	5780.47	222.28	2.31	4.19
679379.06	767753.50	5524.45	219.63	2.09	4.13
679842.25	767878.88	5548.48	217.64	2.39	5.13
680334.75	768195.56	5634.47	214.43	2.86	6.90
680709.19	769522.00	5647.11	206.15	2.96	8.47
681028.00	771904.38	5502.98	192.01	2.66	8.64

ตำแหน่งและความลึกของวัตถุต้นเหตุแบบ Sphere

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
668044.94	765210.44	7656.75	183.13	2.63	6.01
668452.94	765461.63	7476.88	184.02	2.77	6.22
668935.81	766211.56	7135.56	186.42	2.74	6.35
669371.81	767349.50	6925.46	189.15	2.21	5.51
669729.75	768190.19	6862.94	191.66	1.72	4.65
669983.06	769052.69	6783.24	194.88	1.68	5.10
670116.06	771390.63	6861.49	201.66	2.06	6.76
669954.69	774652.50	7690.41	210.29	2.52	6.80
668441.38	764784.13	7388.07	185.61	2.94	7.22
668829.38	765331.50	7263.02	186.44	2.83	7.07
669244.63	766318.94	7027.14	188.43	2.50	6.65
669585.38	767622.50	6906.84	190.68	1.82	5.28
669900.88	768428.00	6884.71	192.78	1.43	4.40
670154.38	769234.13	6803.57	195.79	1.63	5.47
670226.31	771955.56	6924.51	202.93	2.29	7.99
669881.25	776149.31	7984.42	213.00	2.75	7.82
669216.44	764031.50	7058.61	188.46	3.26	8.90
669589.38	765030.94	6973.61	189.87	2.97	8.50
669910.56	766410.00	6825.88	191.96	2.51	7.78
670133.63	768027.31	6769.02	194.06	1.87	6.24
670422.94	768878.13	6783.69	195.93	1.63	5.62
670688.19	769699.44	6737.97	198.89	1.96	7.11
670603.56	772836.06	6960.49	206.04	2.70	9.96
669972.00	777757.06	8206.15	216.51	3.07	9.26
670489.81	763295.63	6849.86	192.58	3.34	9.92
670914.38	764592.00	6854.37	195.02	3.06	9.46
671185.75	766197.69	6786.25	197.53	2.75	9.06
671314.44	768116.50	6748.23	199.79	2.35	8.24
671601.00	769120.50	6803.41	201.79	2.27	8.01
671908.25	769977.50	6839.48	204.87	2.59	9.57
671694.13	773324.38	7149.51	211.72	3.32	12.48
671005.25	778202.63	8373.60	221.65	3.76	11.61
671982.69	763277.63	7075.79	199.34	3.35	9.74
672519.00	764630.13	7302.39	203.11	3.16	9.02
672874.69	766161.31	7386.55	206.43	3.10	8.99

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
673053.19	768189.25	7406.86	209.33	2.97	9.04
673391.19	769282.13	7550.89	211.77	2.94	9.13
673747.19	769998.13	7704.67	214.93	3.18	10.63
673351.38	773506.38	8053.96	221.21	3.81	13.42
672565.19	778400.44	9332.06	231.08	4.23	12.10
673359.38	764203.75	7928.18	209.10	3.55	8.49
673879.44	765543.38	8503.35	214.32	3.39	7.54
674259.50	766930.50	8813.54	218.49	3.45	7.62
674508.94	768895.94	8995.78	222.10	3.32	7.77
674919.25	769770.69	9322.83	225.02	3.15	7.78
675273.25	770040.63	9553.15	227.86	3.25	9.26
674497.88	773956.38	9730.01	232.69	3.82	12.08
673324.25	779095.75	11003.24	242.21	4.25	10.73
674119.69	765571.75	9256.36	219.38	3.94	7.23
674370.69	766897.81	10078.76	225.35	3.79	6.43
674606.31	768269.88	10479.62	229.70	3.82	6.50
674804.44	770132.00	10824.52	233.60	3.35	6.17
675182.75	770637.13	11323.00	236.72	2.85	5.86
675461.81	770548.38	11423.36	238.43	2.90	7.56
674404.69	774979.13	11134.33	240.48	3.58	10.88
674264.50	766592.69	10233.16	225.44	4.31	6.88
674274.94	767796.06	10729.63	229.54	4.24	6.58
674442.56	769194.31	10857.78	232.26	4.13	6.65
674565.81	770744.31	11203.43	235.45	3.44	6.03
674857.94	770973.44	11677.58	238.15	2.93	5.90
675190.38	770792.50	11581.06	238.65	3.01	8.14
674535.44	774489.31	10806.02	237.48	3.69	12.06
674973.94	766677.94	10151.20	224.05	4.39	7.50
675198.25	767696.81	10113.96	225.06	4.09	7.21
675585.69	768851.44	9981.69	225.52	3.68	6.98
675838.44	769740.63	10195.10	227.17	3.17	6.51
676159.69	769662.88	10564.94	229.30	2.99	6.96
676602.81	769159.25	10571.90	230.18	3.08	9.19
676539.56	771987.81	9478.55	226.53	3.65	13.44
677516.69	765295.88	9332.85	216.35	4.55	9.11
676854.81	766382.50	9725.90	219.19	3.92	7.59
677015.31	767296.69	9641.40	219.22	3.23	6.54

EAST	NORTH	DEPTH	DC	DEPTH- ERR%	POSITION- ERR%
677510.94	768123.81	9521.35	218.61	2.55	5.62
677921.81	768468.69	9688.28	219.26	2.23	5.32
678264.69	768162.69	10024.19	221.10	2.27	6.00
678570.81	767661.56	10123.73	222.52	2.43	7.71
678680.44	770479.25	8944.90	217.64	2.99	12.05
679969.69	765341.81	9600.23	213.94	4.10	8.02
678514.75	766433.13	9782.07	216.35	3.34	6.59
678235.75	767364.75	9661.71	216.30	2.42	5.03
678618.69	768000.00	9599.55	215.51	1.72	3.89
679053.94	768097.94	9784.87	215.85	1.55	3.83
679398.69	767706.75	10097.35	217.36	1.68	4.58
679628.25	767368.88	10153.09	218.39	1.85	5.98
679877.13	770249.44	9000.04	212.40	2.42	10.18
681480.56	765840.06	10324.78	213.89	3.59	6.20
679410.56	766801.00	10103.50	215.43	2.86	5.25
678687.50	767708.69	9814.34	215.36	1.90	3.77
678924.69	768223.94	9750.68	214.68	1.34	2.91
679343.13	768192.13	9950.36	214.99	1.34	3.18
679732.00	767758.81	10240.99	216.13	1.48	3.92
680031.88	767590.75	10242.00	216.26	1.60	5.12
680414.44	770412.13	9236.91	209.55	2.11	8.75
681668.56	766643.25	10908.96	214.98	3.12	4.91
679434.06	767349.38	10315.03	215.56	2.45	4.17
678643.31	768138.38	9806.10	215.14	1.58	2.94
678894.94	768536.69	9714.50	214.43	1.24	2.55
679369.75	768418.19	9925.14	214.60	1.37	3.07
679853.69	768038.13	10198.83	215.13	1.53	3.86
680247.00	768179.38	10197.84	214.10	1.59	4.88
680653.00	770611.63	9484.33	207.72	1.96	7.37
681466.50	767274.50	11082.43	215.63	2.96	4.55
679206.50	767830.00	10244.90	215.64	2.36	3.92
678501.94	768538.56	9581.58	214.97	1.59	2.89
678818.81	768863.06	9483.83	214.29	1.39	2.74
679345.38	768718.44	9713.09	214.33	1.55	3.34
679890.81	768494.06	9989.06	214.24	1.73	4.18
680324.81	768970.44	10067.96	212.14	1.74	4.96
680671.38	770886.56	9652.42	206.62	1.95	6.34

ภาคผนวก ง

เวลาที่คลื่นไหวสะเทือนเดินทางมาถึงจีโอโฟนครั้งแรก (Picks first arrival time) จากการวิเคราะห์ด้วยโปรแกรม SIP (Seismic Interpretation Program) เป็นดังต่อไปนี้

แนวการวัดที่ 1

แนวการวัดย่อยที่ 101

SPR 10101			SP A	SP B	SP C	SP D	SP E	SP F	SP F
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-1.460	35.875	29.500	8.000	29.750	37.625	45.125	49.875
2	4.50	-1.375	39.000	31.375	15.125	27.375	37.250	44.125	48.875
3	7.50	-1.285	40.875	32.375	19.250	24.000	35.875	43.750	47.625
4	10.50	-1.250	42.125	34.125	23.750	20.375	34.625	42.750	46.750
5	13.50	-1.727	43.375	35.125	27.375	17.125	33.250	41.250	45.750
6	16.50	-1.186	44.250	36.500	29.250	7.375	32.375	40.250	45.125
7	19.50	-1.040	46.500	39.000	32.000	7.125	31.125	39.625	43.500
8	22.50	-1.074	47.875	40.375	33.250	17.000	29.000	38.000	42.250
9	25.50	-1.053	47.750	41.125	33.875	20.750	25.500	36.500	41.500
10	28.50	-0.969	49.000	42.250	35.625	25.250	23.250	35.000	40.000
11	31.50	-0.825	50.250	43.375	36.625	29.125	15.250	32.750	38.625
12	34.50	-0.763	51.750	44.750	37.875	30.625	7.375	31.250	37.625

SPR 10102			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-2.339	32.500	7.375	30.750	36.000	44.250	48.875	
2	4.50	-2.199	34.125	17.500	28.875	35.250	42.625	46.375	
3	7.50	-2.147	34.875	21.500	25.750	33.000	41.750	49.750	
4	10.50	-2.079	36.000	26.125	23.625	33.250	40.250	49.250	
5	13.50	-2.002	37.875	28.625	19.000	31.750	39.750	44.375	
6	16.50	-1.927	40.250	30.625	7.625	30.000	38.250	42.500	
7	19.50	-1.847	39.750	31.875	7.750	28.375	37.875	43.500	
8	22.50	-1.757	40.375	32.625	18.375	26.125	35.625	41.250	
9	25.50	-1.627	42.625	33.750	23.500	24.250	34.375	37.875	
10	28.50	-1.549	43.375	35.875	26.500	20.375	31.875	39.625	
11	31.50	-1.507	44.000	37.875	29.125	16.250	31.375	42.125	
12	34.50	-1.491	44.375	39.500	30.625	7.250	31.500	47.000	

SPR 10103			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-3.039	35.875	30.000	8.000	27.875	34.000	40.000	46.625
2	4.50	-3.036	36.875	32.375	15.500	26.625	34.625	40.750	45.000
3	7.50	-2.986	37.625	33.000	20.500	23.500	32.125	38.375	44.500
4	10.50	-2.958	38.000	33.500	22.500	18.125	29.000	35.875	42.000
5	13.50	-2.892	40.000	35.750	25.750	14.500	28.625	34.375	42.125
6	16.50	-2.836	47.250	40.500	29.750	7.125	27.875	35.500	41.500
7	19.50	-2.802	42.750	38.125	28.250	8.250	25.875	33.625	39.875
8	22.50	-2.711	45.875	40.125	29.875	16.250	24.875	33.250	39.375
9	25.50	-2.620	43.750	39.750	31.500	19.375	21.500	31.125	37.375
10	28.50	-2.521	43.750	39.875	31.250	22.250	17.500	28.750	35.750
11	31.50	-2.487	44.625	41.000	32.500	24.375	12.125	28.000	34.875
12	34.50	-2.409	45.750	42.125	33.875	26.500	7.750	27.125	34.000

SPR 10104			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-12.60	34.000	28.875	7.125	26.750	32.250	39.750	43.625
2	4.50	-12.50	36.625	30.125	14.625	23.875	30.375	38.250	42.500
3	7.50	-12.50	37.625	31.250	19.750	23.125	29.750	37.250	42.000
4	10.50	-12.50	39.000	33.250	23.250	20.000	29.000	36.125	40.875
5	13.50	-12.50	39.375	34.250	25.000	14.625	28.250	35.125	40.375
6	16.50	-12.40	41.250	34.875	26.375	6.875	26.000	33.750	38.750
7	19.50	-12.40	41.625	35.500	27.250	7.000	25.375	32.750	37.625
8	22.50	-12.30	42.875	36.750	28.375	14.625	23.625	31.625	36.250
9	25.50	-12.30	43.625	37.250	29.750	19.125	21.250	30.500	35.375
10	28.50	-12.30	44.125	38.250	31.000	21.625	18.250	29.625	34.875
11	31.50	-12.30	45.875	39.500	32.625	24.125	14.875	28.500	33.875
12	34.50	-12.30	47.250	40.875	34.250	26.875	7.875	28.250	33.625

SPR 10105			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-3.379	34.250	27.750	8.750	26.000	31.375	39.000	46.250
2	4.50	-3.370	34.375	28.250	14.875	24.000	30.125	36.625	44.125
3	7.50	-3.342	32.250	25.625	16.250	19.875	25.125	33.250	41.000
4	10.50	-3.354	36.250	29.625	22.625	18.875	27.125	35.250	42.875
5	13.50	-3.363	37.375	30.750	23.875	14.500	26.250	34.125	41.000
6	16.50	-3.411	38.250	32.250	25.250	7.875	25.375	33.000	40.625
7	19.50	-3.389	39.500	33.250	26.375	8.750	23.250	32.250	40.125
8	22.50	-3.359	40.125	34.500	27.125	14.625	21.875	30.500	38.750
9	25.50	-3.364	42.750	36.875	30.625	20.875	21.625	31.000	39.375
10	28.50	-3.441	41.875	36.625	30.375	23.000	18.250	28.750	37.125
11	31.50	-3.264	43.000	37.375	31.000	24.250	14.125	27.500	35.625
12	34.50	-3.179	44.250	38.750	32.875	25.625	5.875	26.125	33.875

SPR 10106			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-4.186	34.125	26.875	5.875	25.000	34.250	40.375	44.125
2	4.50	-4.100	34.875	27.875	14.625	23.250	33.250	39.375	43.500
3	7.50	-3.924	36.375	29.625	19.500	20.750	31.750	37.750	42.000
4	10.50	-3.787	37.125	29.750	20.750	17.625	29.875	35.625	41.250
5	13.50	-3.709	39.000	31.750	23.250	14.500	29.250	35.500	40.625
6	16.50	-3.593	39.625	32.625	24.000	5.750	26.875	33.750	39.125
7	19.50	-3.539	41.000	34.625	25.875	5.750	25.500	32.750	38.375
8	22.50	-3.552	42.250	35.500	27.500	14.625	23.625	31.500	37.500
9	25.50	-3.512	44.125	37.750	30.000	19.000	22.250	30.500	36.500
10	28.50	-3.440	43.875	37.500	30.750	21.875	19.500	28.375	34.875
11	31.50	-3.458	44.875	38.750	31.875	23.875	15.125	27.500	33.625
12	34.50	-3.431	46.000	40.000	33.625	25.250	6.000	26.500	32.750

SPR 10107			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-6.757	34.875	27.125	7.625	25.750	33.375	40.875	45.750
2	4.50	-6.592	36.000	29.500	16.250	25.000	32.750	39.125	45.125
3	7.50	-6.515	36.250	30.000	20.375	22.750	30.000	38.375	43.125
4	10.50	-6.391	36.875	30.625	22.375	19.625	28.375	37.000	40.750
5	13.50	-6.087	38.375	32.000	24.875	15.125	27.250	36.500	40.250
6	16.50	-6.037	39.625	34.000	25.750	6.625	26.125	35.250	39.625
7	19.50	-6.052	40.750	35.250	27.625	6.625	24.375	34.000	38.500
8	22.50	-5.829	41.625	36.375	28.875	14.875	22.625	32.125	37.375
9	25.50	-5.639	42.250	37.000	29.625	20.000	20.250	30.375	35.500
10	28.50	-5.502	42.625	37.625	30.500	21.250	17.875	29.250	34.125
11	31.50	-5.502	43.625	39.250	32.250	23.625	14.500	28.125	33.250
12	34.50	-5.469	44.750	40.500	33.625	25.000	6.625	27.000	31.875

SPR 10108			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-8.018	32.750	22.500	4.875	20.000	27.250	36.000	44.625
2	4.50	-8.010	35.375	25.625	13.375	19.125	27.625	38.000	42.125
3	7.50	-7.938	35.250	25.125	16.250	16.250	25.250	34.125	39.125
4	10.50	-7.590	36.750	28.250	18.750	15.250	25.500	35.250	39.500
5	13.50	-7.570	38.375	29.125	20.625	10.125	23.875	32.500	38.500
6	16.50	-7.381	39.500	31.250	23.500	4.500	23.750	33.000	38.500
7	19.50	-7.229	40.250	32.625	24.500	2.125	21.500	30.375	36.500
8	22.50	-7.344	42.000	32.500	26.500	10.125	20.125	28.750	35.750
9	25.50	-7.320	41.375	33.000	26.375	14.500	17.750	27.750	32.875
10	28.50	-7.235	42.000	34.875	27.875	16.750	15.250	26.500	31.625
11	31.50	-6.812	43.375	35.875	28.625	18.000	9.125	24.750	30.375
12	34.50	-6.873	44.625	36.375	30.000	19.500	2.125	23.000	29.250

SPR 10109			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-8.945	31.000	25.875	5.625	23.375	30.000	37.875	46.375
2	4.50	-8.325	31.875	26.750	10.625	21.875	29.625	36.250	44.375
3	7.50	-8.315	33.875	29.125	16.375	21.375	29.625	35.875	43.625
4	10.50	-8.270	34.625	29.750	19.625	17.375	27.875	34.750	42.250
5	13.50	-8.195	35.625	31.250	21.625	11.875	26.000	32.875	41.500
6	16.50	-8.270	37.125	32.750	23.875	6.375	23.750	31.250	38.875
7	19.50	-8.205	37.750	33.000	23.125	7.125	25.375	31.500	40.500
8	22.50	-8.180	39.625	34.500	25.125	12.250	22.625	30.000	37.625
9	25.50	-8.097	41.125	35.875	26.625	18.000	21.875	29.500	37.875
10	28.50	-8.083	40.500	36.125	27.000	20.000	18.250	27.250	35.375
11	31.50	-8.088	43.500	38.750	29.375	22.500	12.250	27.625	35.625
12	34.50	-8.054	43.000	39.250	30.250	23.375	6.750	25.500	33.500

SPR 10110			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-8.000	29.250	24.375	2.875	24.500	29.750	46.000	53.750
2	4.50	-7.952	28.750	25.250	9.000	21.500	29.250	43.125	52.000
3	7.50	-7.965	29.500	26.250	14.750	20.250	26.750	42.000	51.375
4	10.50	-7.890	32.625	28.875	22.375	15.875	26.250	41.250	50.375
5	13.50	-7.925	33.125	29.250	23.750	10.250	24.000	39.500	48.000
6	16.50	-8.054	35.750	31.000	25.500	5.875	21.500	37.000	45.875
7	19.50	-8.322	34.375	30.625	24.875	5.000	22.875	38.000	47.250
8	22.50	-8.371	36.500	33.000	27.250	12.125	20.500	36.125	46.125
9	25.50	-8.324	37.875	34.375	28.625	16.625	17.750	34.000	44.000
10	28.50	-8.313	40.000	36.000	30.500	21.000	15.125	33.250	43.750
11	31.50	-8.310	42.125	38.000	32.625	23.500	8.250	32.375	42.250
12	34.50	-8.365	44.625	40.250	35.125	25.500	6.750	30.375	41.500

SPR 10111			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-10.335	35.875	27.625	5.500	30.625	41.625	48.750	55.250
2	4.50	-10.337	38.000	29.125	10.875	27.750	38.875	46.250	53.125
3	7.50	-10.146	40.125	32.625	15.625	24.875	37.375	44.750	52.375
4	10.50	-9.964	42.500	34.000	22.125	19.000	35.000	43.000	51.000
5	13.50	-9.660	44.125	36.125	26.375	14.750	32.375	41.250	48.875
6	16.50	-9.407	45.000	36.750	27.375	4.125	30.000	38.500	46.500
7	19.50	-9.124	47.375	39.375	28.875	7.750	27.875	36.625	45.000
8	22.50	-8.835	49.625	41.125	31.625	15.375	25.000	34.625	42.625
9	25.50	-8.315	49.875	41.875	32.250	20.625	21.875	31.500	40.000
10	28.50	-8.291	52.000	43.875	34.750	24.500	19.500	30.250	38.000
11	31.50	-8.223	54.375	46.750	37.625	27.750	15.000	28.500	36.875
12	34.50	-8.157	55.000	47.625	38.625	29.375	6.125	25.875	34.625

SPR 10112			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-11.834	40.250	30.250	7.875	24.625	31.875	42.375	53.000
2	4.50	-11.863	42.000	32.625	11.500	23.500	30.750	41.000	51.750
3	7.50	-11.904	44.250	34.875	17.875	21.875	29.625	39.500	50.375
4	10.50	-11.979	45.875	36.000	21.125	19.375	27.500	37.875	48.625
5	13.50	-11.968	48.125	38.750	24.375	15.625	25.250	35.875	46.875
6	16.50	-11.689	48.250	38.875	24.750	9.500	21.750	32.250	43.875
7	19.50	-11.030	47.625	38.125	24.250	7.750	17.375	28.375	39.500
8	22.50	-11.079	49.250	40.375	26.000	12.250	15.750	26.750	38.500
9	25.50	-10.575	50.125	41.500	28.000	15.250	13.750	24.625	35.875
10	28.50	-10.408	50.875	42.625	28.750	16.750	9.750	21.875	33.875
11	31.50	-10.408	51.375	43.500	29.625	17.875	6.000	19.500	31.625
12	34.50	-10.307	53.000	45.375	31.375	19.750	2.875	18.125	30.000

แนวการวัดย่อยที่ 102

SPR 10201			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-12.30	31.125	18.000	1.500	18.000	29.250	41.875	50.875
2	4.50	-12.20	33.375	20.750	5.750	17.250	27.250	40.250	49.625
3	7.50	-12.20	35.500	23.375	10.000	15.875	26.625	38.750	48.375
4	10.50	-12.20	38.375	25.000	13.375	12.250	24.500	37.000	46.500
5	13.50	-12.20	39.625	27.625	15.625	7.875	23.125	35.375	44.875
6	16.50	-12.10	41.625	28.625	17.375	3.625	20.625	33.375	42.625
7	19.50	-12.10	43.750	31.000	19.125	4.000	19.375	32.000	41.125
8	22.50	-12.10	45.000	32.375	21.000	7.500	17.125	30.125	39.375
9	25.50	-12.10	46.625	34.000	23.000	11.875	14.750	27.750	37.500
10	28.50	-12.10	48.250	35.750	24.875	15.625	11.750	26.250	35.750
11	31.50	-12.00	49.625	37.250	26.375	17.000	7.375	24.125	34.125
12	34.50	-12.00	52.125	39.625	28.375	19.250	2.375	22.750	32.625

SPR 10202			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-12.60	32.000	21.750	3.375	21.125	30.875	42.500	54.875
2	4.50	-12.50	33.250	23.500	8.750	18.500	27.500	40.250	52.125
3	7.50	-12.50	34.750	24.875	12.625	17.125	26.750	38.875	50.875
4	10.50	-12.50	36.750	26.750	16.125	14.125	25.125	37.750	49.375
5	13.50	-12.50	39.000	29.000	18.875	10.000	23.875	36.500	48.750
6	16.50	-12.40	41.375	31.625	21.000	4.250	22.625	35.125	47.250
7	19.50	-12.40	43.750	34.625	23.750	3.500	21.625	34.000	46.375
8	22.50	-12.30	44.875	35.000	25.375	10.000	16.750	30.500	42.750
9	25.50	-12.30	46.250	36.000	25.750	13.875	14.125	28.375	40.375
10	28.50	-12.30	47.750	38.125	27.500	17.250	10.750	26.750	38.750
11	31.50	-12.30	49.750	39.875	29.375	20.125	7.375	25.250	37.375
12	34.50	-12.30	51.875	42.500	32.375	23.000	1.500	23.625	35.500

SPR 10203			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-12.30	34.000	25.500	2.625	22.500	34.875	45.125	54.375
2	4.50	-12.20	36.625	28.250	8.250	20.625	33.625	44.000	53.375
3	7.50	-12.20	38.625	30.625	13.250	14.750	31.750	42.500	52.875
4	10.50	-12.20	39.625	31.625	16.125	8.625	27.875	38.500	48.625
5	13.50	-12.20	41.250	33.375	18.250	5.250	25.500	36.875	46.625
6	16.50	-12.10	42.625	34.875	20.250	2.250	24.000	34.875	45.000
7	19.50	-12.10	45.250	36.750	22.625	2.750	22.625	33.625	43.750
8	22.50	-12.10	46.875	38.750	24.750	7.750	19.875	31.500	42.125
9	25.50	-12.10	48.375	40.750	26.125	12.375	16.250	29.750	40.250
10	28.50	-12.10	50.750	42.500	28.000	16.625	13.125	28.000	38.875
11	31.50	-12.00	52.375	44.000	29.875	19.375	8.750	26.375	36.875
12	34.50	-12.00	54.500	46.500	32.250	21.500	2.625	25.125	35.750

SPR 10204			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-12.60	34.000	24.625	1.875	23.375	34.875	44.125	56.500
2	4.50	-12.50	36.250	27.375	7.875	21.875	33.875	43.000	55.625
3	7.50	-12.50	38.875	30.000	13.750	19.500	33.250	42.625	54.750
4	10.50	-12.50	41.375	32.750	19.625	14.000	31.625	41.125	53.750
5	13.50	-12.50	41.875	33.625	22.500	7.375	27.875	37.875	50.500
6	16.50	-12.40	42.500	33.875	23.000	2.000	24.875	34.875	47.375
7	19.50	-12.40	44.875	36.250	25.625	3.000	23.875	33.875	46.750
8	22.50	-12.30	46.000	38.500	27.500	7.625	19.500	31.750	44.500
9	25.50	-12.30	47.250	39.375	28.625	12.375	15.500	29.000	41.750
10	28.50	-12.30	49.000	40.875	30.500	16.125	11.375	28.000	40.625
11	31.50	-12.30	50.500	42.875	31.875	19.375	7.750	25.750	38.500
12	34.50	-12.30	53.250	45.500	34.625	23.625	2.500	24.250	37.000

SPR 10205			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-12.60	36.625	26.125	3.375	22.000	36.375	47.500	58.750
2	4.50	-12.50	38.625	27.500	9.250	18.125	34.500	45.500	57.125
3	7.50	-12.50	40.375	28.625	12.500	14.000	31.875	42.750	54.500
4	10.50	-12.50	42.000	31.125	15.375	11.125	30.500	41.000	53.000
5	13.50	-12.50	43.375	32.625	18.125	7.250	28.125	38.875	51.250
6	16.50	-12.40	44.750	34.000	22.125	2.750	26.000	37.875	50.000
7	19.50	-12.40	46.500	35.750	24.750	3.000	23.125	36.125	48.500
8	22.50	-12.30	49.375	38.250	27.500	7.625	20.625	33.375	45.375
9	25.50	-12.30	52.500	42.125	31.500	11.750	18.000	32.875	45.125
10	28.50	-12.30	54.375	43.625	34.125	16.000	11.750	31.875	43.625
11	31.50	-12.30	56.125	45.250	35.750	21.000	7.750	29.375	41.875
12	34.50	-12.30	57.625	47.000	36.875	23.750	2.500	26.125	38.625

SPR 10206			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-13.80	35.875	27.625	5.500	30.625	41.625	48.750	55.250
2	4.50	-13.80	38.000	29.125	10.875	27.750	38.875	46.250	53.125
3	7.50	-13.70	40.125	32.625	15.625	24.875	37.375	44.750	52.375
4	10.50	-13.70	42.500	34.000	22.125	19.000	35.000	43.000	51.000
5	13.50	-13.60	44.125	36.125	26.375	14.750	32.375	41.250	48.875
6	16.50	-13.50	45.000	36.750	27.375	4.125	30.000	38.500	46.500
7	19.50	-13.40	47.375	39.375	28.875	7.750	27.875	36.625	45.000
8	22.50	-13.20	49.625	41.125	31.625	15.375	25.000	34.625	42.625
9	25.50	-13.10	49.875	41.875	32.250	20.625	21.875	31.500	40.000
10	28.50	-13.10	52.000	43.875	34.750	24.500	19.500	30.250	38.000
11	31.50	-13.10	54.375	46.750	37.625	27.750	15.000	28.500	36.875
12	34.50	-13.00	55.000	47.625	38.625	29.375	6.125	25.875	34.625

SPR 10207			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-14.60	40.250	30.250	7.875	24.625	31.875	42.375	53.000
2	4.50	-14.50	42.000	32.625	11.500	23.500	30.750	41.000	51.750
3	7.50	-14.40	44.250	34.875	17.875	21.875	29.625	39.500	50.375
4	10.50	-14.30	45.875	36.000	21.125	19.375	27.500	37.875	48.625
5	13.50	-14.30	48.125	38.750	24.375	15.625	25.250	35.875	46.875
6	16.50	-14.20	48.250	38.875	24.750	9.500	21.750	32.250	43.875
7	19.50	-14.20	47.625	38.125	24.250	7.750	17.375	28.375	39.500
8	22.50	-14.10	49.250	40.375	26.000	12.250	15.750	26.750	38.500
9	25.50	-14.00	50.125	41.500	28.000	15.250	13.750	24.625	35.875
10	28.50	-14.00	50.875	42.625	28.750	16.750	9.750	21.875	33.875
11	31.50	-13.90	51.375	43.500	29.625	17.875	6.000	19.500	31.625
12	34.50	-13.80	53.000	45.375	31.375	19.750	2.875	18.125	30.000

SPR 10208			SP A	SP B	SP C	SP D	SP E	SP F	SP F
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-15.30	35.000	21.375	7.500	28.375	39.875	50.375	
2	4.50	-15.10	36.625	24.750	2.000	24.625	36.625	47.500	
3	7.50	-15.10	38.625	27.250	1.875	21.625	34.875	45.000	
4	10.50	-14.90	40.250	29.750	7.875	18.000	33.000	43.500	
5	13.50	-14.70	42.375	32.500	11.750	13.375	32.000	42.500	
6	16.50	-14.70	43.625	33.375	15.625	9.875	29.625	40.375	
7	19.50	-14.60	44.750	34.625	19.375	6.000	27.875	37.875	
8	22.50	-14.40	47.125	36.750	22.375	2.125	26.125	36.875	

SPR 10209			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-16.20	38.750	26.250	2.000	23.000	34.250	45.875	52.625
2	4.50	-16.30	40.125	28.375	5.000	17.375	32.375	44.125	50.750
3	7.50	-16.30	43.000	30.750	9.625	14.875	31.500	43.250	49.875
4	10.50	-16.20	45.250	33.250	13.375	11.375	29.625	40.875	47.875
5	13.50	-16.10	45.625	33.375	21.500	6.875	27.125	39.125	46.000
6	16.50	-16.10	48.375	35.875	22.750	2.750	25.500	37.125	44.875
7	19.50	-16.10	49.875	37.500	25.000	3.375	23.375	35.500	43.250
8	22.50	-15.90	50.875	38.750	26.000	6.500	19.625	33.000	40.750
9	25.50	-15.90	52.875	41.125	28.125	11.125	14.000	31.750	40.000
10	28.50	-15.60	54.625	43.000	30.000	15.500	8.750	29.500	38.250
11	31.50	-15.70	55.875	44.375	31.625	22.750	5.375	28.375	37.000
12	34.50	-15.50	58.250	46.750	34.875	24.625	2.000	27.625	36.375

SPR 10210			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-17.60	39.750	27.250	3.000	24.625	33.375	40.000	42.250
2	4.50	-17.50	42.750	30.375	7.000	24.250	32.625	39.000	41.375
3	7.50	-17.20	43.125	30.875	10.250	20.125	29.875	35.750	39.000
4	10.50	-17.20	44.875	32.750	14.500	10.625	29.000	36.625	38.125
5	13.50	-17.00	46.500	34.375	19.125	7.125	26.500	34.750	35.625
6	16.50	-17.00	47.250	35.750	24.125	2.250	23.375	31.750	33.625
7	19.50	-17.00	49.125	37.125	25.625	2.500	21.625	30.375	32.875
8	22.50	-16.90	49.625	38.250	26.250	7.375	19.000	28.625	31.250
9	25.50	-16.70	50.125	38.625	27.000	13.875	14.875	25.875	28.000
10	28.50	-16.60	51.750	40.375	29.000	15.750	11.625	25.000	27.125
11	31.50	-16.40	53.375	42.625	31.125	20.125	6.875	24.250	26.250
12	34.50	-16.20	54.500	43.500	33.000	22.250	2.625	22.750	25.250

SPR 10211			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-18.40	34.500	25.125	2.000	23.000	25.375	28.625	32.625
2	4.50	-18.60	35.125	26.125	8.750	20.500	22.875	26.625	30.500
3	7.50	-18.30	35.750	26.625	14.125	19.250	21.875	26.000	29.625
4	10.50	-18.20	37.250	28.625	17.250	17.625	21.125	25.125	29.000
5	13.50	-18.10	38.250	29.750	20.000	11.500	20.500	24.125	28.125
6	16.50	-18.10	39.750	31.125	21.875	3.375	18.375	22.125	25.875
7	19.50	-18.20	40.250	31.500	22.375	4.750	16.500	20.250	23.875
8	22.50	-18.20	39.250	30.125	20.875	10.750	13.750	17.125	21.000
9	25.50	-18.10	38.250	30.375	20.625	12.375	12.000	15.500	19.500
10	28.50	-17.90	39.000	30.875	21.750	14.375	10.875	14.875	18.875
11	31.50	-17.60	42.375	32.750	24.250	17.125	9.125	14.750	18.750
12	34.50	-17.70	41.000	32.000	23.000	16.375	6.500	12.750	16.500

SPR 10212			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-19.60	23.125	16.125	3.000	11.250	10.500	19.750	24.500
2	4.50	-19.50	23.750	16.750	4.875	9.875	8.875	18.625	23.625
3	7.50	-19.50	23.250	16.750	6.125	8.625	7.625	17.375	23.000
4	10.50	-19.30	26.125	19.125	9.125	8.875	8.750	17.875	22.750
5	13.50	-19.30	26.625	19.875	9.750	7.750	7.500	17.250	22.625
6	16.50	-19.10	28.250	21.625	11.875	3.250	7.750	17.000	22.125
7	19.50	-19.00	28.500	22.000	12.375	3.750	6.375	16.000	20.625
8	22.50	-18.90	29.750	22.625	13.250	6.250	5.625	15.250	20.250
9	25.50	-18.90	30.500	23.500	14.125	9.250	4.875	14.500	19.750
10	28.50	-18.80	31.625	24.625	15.625	11.000	3.000	14.000	19.250
11	31.50	-18.60	30.750	23.875	14.250	10.250	0.125	11.500	16.625
12	34.50	-18.50	30.875	24.125	14.125	10.125	0.250	9.875	15.875

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SPR 10301			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-16.20	18.000	12.125	1.250	10.375	16.000	19.875	27.250
2	4.50	-16.10	18.750	13.375	5.750	10.000	15.500	20.000	26.250
3	7.50	-16.40	20.000	14.250	7.125	8.875	14.500	18.500	25.250
4	10.50	-16.50	20.250	15.125	8.750	7.250	13.500	17.125	24.500
5	13.50	-16.60	20.625	15.875	9.625	5.375	11.875	16.000	23.125
6	16.50	-16.70	21.625	16.250	10.000	3.500	11.625	14.875	22.875
7	19.50	-16.70	22.000	16.625	10.750	3.875	10.250	14.125	21.750
8	22.50	-16.70	22.750	17.750	11.750	8.375	9.250	13.125	20.500
9	25.50	-16.70	23.625	18.250	12.625	7.125	8.000	12.125	19.625
10	28.50	-16.70	23.625	18.500	12.500	7.250	6.625	11.125	18.500
11	31.50	-16.70	24.875	20.000	13.875	8.625	5.625	10.625	17.875
12	34.50	-16.80	27.500	21.875	15.875	10.750	4.625	10.250	17.250

SPR 10302			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-22.20	15.250	11.500	3.250	7.250	15.500	20.500	24.625
2	4.50	-22.00	15.125	11.500	5.375	6.875	15.375	19.625	24.250
3	7.50	-22.00	16.250	12.125	7.000	6.250	14.500	19.125	23.250
4	10.50	-21.90	17.125	12.875	8.250	5.500	13.500	18.375	22.500
5	13.50	-21.80	17.250	13.750	8.750	4.875	12.250	17.000	21.750
6	16.50	-21.80	18.500	14.875	10.250	1.125	11.750	16.750	21.250
7	19.50	-21.70	19.500	15.875	10.750	1.875	10.750	16.125	20.500
8	22.50	-21.70	20.500	16.375	11.500	3.125	10.125	15.125	19.625
9	25.50	-21.50	21.125	17.500	13.250	5.500	9.750	15.000	19.375
10	28.50	-21.50	23.000	19.000	14.750	7.000	9.375	14.625	18.625
11	31.50	-21.40	23.000	19.250	14.750	7.500	6.750	12.750	17.250
12	34.50	-21.30	24.375	20.375	16.375	8.500	3.875	13.125	17.625

SPR 10303			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-23.40	15.250	11.500	3.250	7.250	15.500	20.500	24.625
2	4.50	-23.30	15.125	11.500	5.375	6.875	15.375	19.625	24.250
3	7.50	-46.50	16.250	12.125	7.000	6.250	14.500	19.125	23.250
4	10.50	-23.10	17.125	12.875	8.250	5.500	13.500	18.375	22.500
5	13.50	-23.00	17.250	13.750	8.750	4.875	12.250	17.000	21.750
6	16.50	-22.70	18.500	14.875	10.250	1.125	11.750	16.750	21.250
7	19.50	-22.80	19.500	15.875	10.750	1.875	10.750	16.125	20.500
8	22.50	-22.70	20.500	16.375	11.500	3.125	10.125	15.125	19.625
9	25.50	-22.40	21.125	17.500	13.250	5.500	9.750	15.000	19.375
10	28.50	-22.30	23.000	19.000	14.750	7.000	9.375	14.625	18.625
11	31.50	-22.30	23.000	19.250	14.750	7.500	6.750	12.750	17.250
12	34.50	-22.20	24.375	20.375	16.375	8.500	3.875	13.125	17.625

SPR 10304			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-24.20	10.375	2.375	22.250	19.875	28.250	38.125	
2	4.00	-24.20	10.750	7.875	21.125	19.500	28.000	38.000	
3	6.00	-24.30	12.375	11.375	19.500	20.000	28.125	38.500	
4	8.00	-24.30	13.125	11.375	17.875	19.750	27.375	37.875	
5	10.00	-24.30	13.000	11.875	9.125	18.750	26.750	38.875	
6	12.00	-24.30	14.500	13.625	3.250	19.125	26.750	38.500	
7	14.00	-24.40	16.125	14.750	2.250	19.250	26.625	37.500	
8	16.00	-24.40	17.875	16.625	9.500	20.625	29.375	40.000	
9	18.00	-24.20	19.250	19.250	15.125	18.250	27.250	38.625	
10	20.00	-24.30	19.500	18.750	16.125	15.500	26.125	36.875	
11	22.00	-24.30	21.000	20.125	17.375	10.000	24.375	35.375	
12	24.00	-24.20	21.250	21.125	18.375	2.375	23.500	34.875	
13	26.00	-24.10	23.625	22.250	20.125	2.250	22.250	33.875	
14	28.00	-24.10	25.500	23.875	21.625	15.875	21.500	33.375	
15	30.00	-24.00	26.250	24.500	22.375	15.125	19.500	31.875	
16	32.00	-24.00	26.500	25.375	24.875	18.125	17.500	31.500	
17	34.00	-24.00	28.375	27.125	25.500	20.875	14.125	30.250	
18	36.00	-24.00	29.250	28.500	26.250	21.375	2.625	28.750	

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SPR 10401			SP A	SP B	SP C	SP D	SP E	SP F	SP F
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-23.50	32.375	23.500	5.750	21.375	25.500	28.375	30.000
2	4.00	-23.60	32.875	24.250	9.750	20.250	24.375	27.500	29.625
3	6.00	-23.60	32.750	24.250	13.250	18.375	22.375	25.375	27.875
4	8.00	-23.70	34.500	25.875	17.375	15.750	21.625	25.125	27.250
5	10.00	-23.70	36.125	27.000	19.000	10.875	21.125	24.000	26.875
6	12.00	-23.80	37.875	29.500	20.125	1.750	19.625	22.625	25.250
7	14.00	-23.90	37.000	28.125	20.000	2.125	19.875	22.750	25.750
8	16.00	-23.90	38.500	30.750	21.750	9.875	18.125	21.125	23.375
9	18.00	-24.00	37.875	30.750	21.750	14.125	15.750	18.625	21.500
10	20.00	-24.00	38.625	31.000	22.125	17.875	12.250	17.750	19.750
11	22.00	-24.00	38.500	31.250	22.375	19.000	7.750	16.000	18.125
12	24.00	-24.10	38.500	30.875	23.375	19.500	2.500	16.000	16.500

SPR 10402			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-22.20	23.750	2.500	14.250	16.000	20.875	23.625	31.375
2	4.00	-22.30	24.250	7.250	14.500	15.750	20.875	23.875	30.125
3	6.00	-22.30	26.250	10.875	12.250	15.250	20.500	23.250	29.125
4	8.00	-22.40	27.125	14.000	9.375	12.875	18.875	20.625	28.875
5	10.00	-22.40	25.750	14.750	5.750	11.125	16.750	19.375	26.250
6	12.00	-22.50	26.500	15.125	2.500	10.125	15.500	18.750	25.125
7	14.00	-22.60	27.250	15.375	1.375	9.125	14.750	17.250	24.375
8	16.00	-22.60	27.375	15.625	6.000	7.750	13.375	15.625	22.625
9	18.00	-22.70	27.500	15.750	7.500	6.375	11.625	14.375	21.375
10	20.00	-22.80	27.750	16.375	7.375	5.375	10.750	13.875	20.125
11	22.00	-22.80	28.000	17.000	8.000	5.000	9.500	12.500	19.625
12	24.00	-22.90	29.125	17.500	8.750	2.125	8.875	11.125	18.375
13	26.00	-22.90	29.000	17.875	9.250	2.250	8.375	10.750	17.125
14	28.00	-23.00	29.750	18.375	9.500	4.500	8.500	10.250	17.375
15	30.00	-23.00	30.125	19.125	10.750	4.750	7.500	9.750	15.500
16	32.00	-23.10	32.000	21.125	12.625	6.875	7.000	9.375	16.000
17	34.00	-23.20	32.250	20.875	12.750	6.500	7.000	8.500	15.125
18	36.00	-23.20	32.750	21.375	13.125	7.375	1.625	8.875	14.625
19	38.00	-23.30	34.500	22.875	15.500	8.875	1.750	7.750	14.625
20	40.00	-23.30	34.375	23.250	15.375	9.250	5.250	7.000	13.875
21	42.00	-23.40	35.125	23.875	15.750	9.625	7.375	5.500	12.875
22	44.00	-23.40	36.125	24.125	16.250	10.000	7.750	5.000	12.250
23	46.00	-23.40	36.250	24.750	16.625	10.625	8.375	3.500	11.250
24	48.00	-23.50	36.500	25.125	17.375	11.125	8.875	1.125	10.375

SPR 10403			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-21.10	11500	1.125	5.250	9.250	18.250	18.250	32.500
2	4.00	-21.20	12000	3.875	4.125	8.125	16.625	16.625	30.750
3	6.00	-21.20	12500	4.125	2.750	8.375	16.500	16.500	30.750
4	8.00	-21.20	12875	4.500	3.375	6.500	15.250	15.250	28.375
5	10.00	-21.30	13500	5.625	2.625	6.250	14.500	14.500	28.750
6	12.00	-21.40	14375	6.000	1.000	4.875	14.125	14.125	27.250
7	14.00	-21.40	14250	6.500	0.875	3.875	12.875	12.875	27.000
8	16.00	-21.50	14875	7.375	1.750	3.500	12.750	12.750	26.000
9	18.00	-21.50	15875	8.125	3.000	3.125	12.375	12.375	26.125
10	20.00	-21.60	16.125	8.625	2.750	2.500	10.875	10.875	24.625
11	22.00	-21.60	17.000	9.375	3.375	1.375	10.375	10.375	24.375
12	24.00	-21.70	18.125	10.500	5.250	0.375	10.125	10.125	24.250
13	26.00	-21.70	19.125	10.125	5.875	0.250	10.000	10.000	23.875
14	28.00	-21.80	19.375	10.875	6.000	1.250	7.875	7.875	22.375
15	30.00	-21.80	19.250	11.750	6.750	2.125	8.000	8.000	22.000
16	32.00	-21.80	20.625	12.750	7.750	3.250	7.375	7.375	21.500
17	34.00	-21.80	21.500	13.250	8.500	4.000	6.750	6.750	20.500
18	36.00	-21.90	21.625	13.500	8.625	4.250	6.250	6.250	19.625
19	38.00	-21.90	22.500	14.375	9.500	5.000	5.750	5.750	19.250
20	40.00	-22.00	22.750	15.750	10.375	5.875	5.375	5.375	18.500
21	42.00	-22.00	23.125	15.875	10.500	6.750	4.750	4.750	18.000
22	44.00	-22.00	24.875	16.625	12.000	7.750	4.250	4.250	17.500
23	46.00	-22.10	24.750	17.250	12.375	8.000	5.875	5.875	17.000
24	48.00	-22.10	24.500	18.000	12.875	8.250	1.125	1.125	15.875

SPR 10404			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-19.60	9.375	0.500	8.000	16.125	19.250	25.250	37.500
2	4.00	-19.70	10.625	3.625	7.250	16.000	19.125	24.875	37.375
3	6.00	-19.70	11.375	5.500	6.750	15.875	18.625	24.625	37.125
4	8.00	-19.80	12.625	6.125	6.375	15.750	18.250	24.250	36.750
5	10.00	-19.90	13.125	6.500	4.000	15.125	17.875	23.750	36.375
6	12.00	-19.90	13.250	6.625	2.125	14.500	17.625	23.500	36.250
7	14.00	-20.00	14.250	7.875	2.250	14.000	16.875	22.625	36.000
8	16.00	-20.10	15.625	8.500	3.750	14.125	16.625	22.250	35.750
9	18.00	-20.20	16.000	9.250	6.375	13.625	17.125	22.625	35.375
10	20.00	-20.30	17.625	10.625	8.375	14.000	17.125	22.750	35.625
11	22.00	-20.40	19.000	12.750	10.750	8.375	17.750	31.875	37.125
12	24.00	-20.40	22.250	15.875	14.125	2.500	19.500	24.250	37.875
13	26.00	-20.50	23.750	17.125	16.125	2.625	19.500	24.875	38.000
14	28.00	-20.50	24.000	16.625	16.500	9.875	17.000	23.000	37.000
15	30.00	-20.50	23.625	17.375	16.625	14.500	14.875	21.000	35.000
16	32.00	-20.70	24.000	18.000	17.125	17.625	13.625	18.875	34.750
17	34.00	-20.70	25.500	18.875	18.500	19.250	9.125	17.625	32.875
18	36.00	-20.80	26.125	19.875	18.875	19.250	1.750	16.750	31.000
19	38.00	-20.80	26.125	20.250	19.625	19.625	1.625	15.250	29.500
20	40.00	-20.90	27.125	20.875	20.000	20.125	8.625	13.375	28.000
21	42.00	-21.00	27.875	21.750	20.500	20.375	10.000	11.750	26.625
22	44.00	-21.00	28.250	23.000	22.125	21.750	13.250	10.750	25.625
23	46.00	-21.10	29.750	23.875	23.375	22.375	14.125	5.875	23.875
24	48.00	-21.10	30.500	25.000	24.125	22.875	15.625	1.500	22.250

SPR 10405			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-17.50	15.375	3.250	13.500	19.250	26.125	32.625	36.375
2	4.00	-17.70	16.625	8.375	12.500	18.000	24.750	31.500	36.125
3	6.00	-17.80	17.125	11.375	10.750	16.000	22.750	30.375	33.875
4	8.00	-18.00	17.750	12.125	9.000	14.375	21.375	29.125	32.500
5	10.00	-18.20	19.375	13.375	6.250	14.375	20.250	28.375	32.125
6	12.00	-18.30	20.500	14.625	2.750	13.750	19.750	27.875	31.500
7	14.00	-18.30	21.375	15.250	2.625	11.875	18.375	27.500	30.875
8	16.00	-18.50	22.875	16.250	5.375	10.625	17.750	26.875	30.875
9	18.00	-18.60	24.750	17.875	9.250	8.750	15.625	26.250	30.375
10	20.00	-18.60	26.125	19.000	11.125	6.250	14.250	25.125	30.375
11	22.00	-18.60	27.500	20.125	12.000	3.875	12.750	22.000	28.750
12	24.00	-18.70	27.625	22.000	12.500	1.375	10.875	20.125	27.625
13	26.00	-18.80	30.625	23.125	14.625	2.125	9.875	19.125	26.625
14	28.00	-18.80	31.125	25.000	15.625	4.750	9.000	17.375	25.000
15	30.00	-18.80	31.875	26.125	16.750	6.250	7.000	15.875	23.625
16	32.00	-19.00	33.000	25.875	18.000	8.000	5.625	14.750	22.375
17	34.00	-19.00	32.375	26.250	17.625	8.625	3.875	12.750	20.250
18	36.00	-19.00	33.875	27.875	20.750	10.250	2.750	12.750	20.250
19	38.00	-19.20	34.250	27.750	21.000	11.750	2.375	11.125	18.375
20	40.00	-19.30	35.000	29.000	21.375	13.000	4.000	9.625	17.375
21	42.00	-19.40	35.000	29.625	22.375	13.750	5.500	8.125	15.750
22	44.00	-19.60	36.250	30.125	23.125	14.875	6.750	6.875	15.125
23	46.00	-19.60	37.625	31.875	24.750	16.625	8.500	5.000	14.250
24	48.00	-19.60	39.500	33.875	26.625	18.500	11.000	3.125	13.750

SPR 10406			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-16.20	11.375	2.500	13.250	19.500	26.500	34.750	41.000
2	4.00	-16.10	12.250	4.625	10.625	18.375	25.750	33.625	39.625
3	6.00	-16.40	13.500	6.250	10.250	18.375	25.000	33.375	39.375
4	8.00	-16.50	15.375	9.000	9.375	17.125	24.250	32.500	39.125
5	10.00	-16.60	16.125	10.250	6.125	15.750	22.750	31.000	37.875
6	12.00	-16.70	17.750	13.000	2.875	13.375	20.875	29.000	36.125
7	14.00	-16.70	18.750	12.500	2.875	11.250	18.375	27.375	34.125
8	16.00	-16.70	19.625	13.625	4.000	10.375	17.375	26.000	32.750
9	18.00	-16.70	20.500	14.625	5.875	10.375	17.000	25.500	32.000
10	20.00	-16.70	21.250	15.375	7.500	6.000	17.125	24.750	32.375
11	22.00	-16.70	23.250	18.000	9.625	4.500	17.375	26.375	32.000
12	24.00	-16.80	25.375	20.000	12.625	2.250	17.125	26.375	32.625
13	26.00	-16.90	26.750	20.750	14.625	1.250	14.625	25.500	32.250
14	28.00	-16.90	28.250	22.250	16.375	3.875	11.500	24.750	29.875
15	30.00	-17.00	29.125	24.125	17.625	6.250	8.750	22.625	28.875
16	32.00	-17.00	31.625	25.375	19.500	9.750	6.750	21.375	28.750
17	34.00	-17.10	32.875	26.250	20.625	12.750	3.250	19.375	26.000
18	36.00	-17.10	33.250	28.500	21.000	15.125	1.250	17.750	24.500
19	38.00	-17.20	34.750	29.000	21.875	17.500	1.250	15.875	24.000
20	40.00	-17.30	35.250	29.875	23.375	19.250	3.375	13.375	23.000
21	42.00	-17.40	36.375	30.750	25.125	20.125	6.125	10.750	20.875
22	44.00	-17.40	37.750	31.625	26.375	21.250	9.000	7.375	19.250
23	46.00	-17.50	39.500	33.625	27.750	23.250	13.125	5.750	18.875
24	48.00	-17.50	40.625	36.000	29.250	24.500	15.000	2.625	17.500

SPR 10407			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-14.70	15.875	3.500	15.875	22.375	31.375	39.000	45.375
2	4.00	-14.80	16.875	7.000	14.125	21.000	30.375	37.375	43.750
3	6.00	-14.90	17.250	9.625	11.625	20.000	28.250	36.000	43.750
4	8.00	-15.10	18.375	12.125	9.500	19.500	28.500	35.875	43.250
5	10.00	-15.10	20.125	14.000	6.625	19.375	27.875	34.625	43.125
6	12.00	-15.20	21.875	16.125	3.250	17.375	26.625	34.125	42.375
7	14.00	-15.20	24.500	18.000	3.000	15.625	25.500	33.375	42.125
8	16.00	-15.20	25.625	19.750	5.750	12.750	23.375	30.500	40.500
9	18.00	-15.30	26.750	20.375	7.750	10.000	22.500	29.125	38.000
10	20.00	-15.40	27.250	22.125	11.250	7.125	21.250	28.375	36.750
11	22.00	-15.50	28.125	22.875	13.500	3.250	18.625	25.875	34.625
12	24.00	-15.50	29.750	24.000	16.375	1.125	17.750	25.375	34.125
13	26.00	15.50	30.500	26.000	18.250	1.250	15.125	24.875	33.875
14	28.00	-15.60	30.500	26.375	19.500	3.750	11.750	23.125	32.000
15	30.00	-15.80	31.875	28.000	20.875	6.500	10.000	22.000	31.250
16	32.00	-15.70	33.500	29.750	22.750	9.375	7.875	21.375	30.875
17	34.00	-15.70	34.500	31.125	24.125	11.125	5.500	19.750	29.250
18	36.00	-15.80	35.875	32.625	25.875	15.375	3.875	18.250	28.375
19	38.00	-15.90	36.625	33.750	26.750	16.750	2.250	15.625	26.750
20	40.00	-15.90	37.625	35.000	28.000	18.625	6.250	12.625	25.125
21	42.00	-15.90	38.250	36.375	29.125	19.875	8.250	10.125	23.625
22	44.00	-16.00	39.125	37.125	30.625	21.625	10.250	7.375	22.500
23	46.00	-16.00	40.000	38.625	31.875	22.750	13.375	5.625	21.750
24	48.00	-16.10	41.500	39.500	33.375	24.250	16.750	2.375	19.500

SPR 10408			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-13.50	27.000	18.375	1.375	17.000	28.250	34.125	39.500
2	4.00	-13.50	28.250	20.875	5.000	13.625	26.000	33.125	38.625
3	6.00	-13.50	29.500	22.250	8.000	11.125	24.750	32.000	38.125
4	8.00	-13.60	31.250	24.250	11.000	8.750	24.500	30.500	37.625
5	10.00	-13.70	33.125	25.625	14.125	5.750	21.750	29.250	37.375
6	12.00	-13.70	33.500	26.500	16.125	1.125	18.250	27.875	35.125
7	14.00	-13.80	34.875	27.625	18.125	1.125	15.875	26.250	34.125
8	16.00	-13.90	36.500	29.250	20.375	4.875	13.250	24.500	32.250
9	18.00	-14.00	38.000	30.500	22.125	8.500	10.875	23.250	30.250
10	20.00	-14.00	38.500	31.250	23.125	10.375	8.375	20.750	29.375
11	22.00	-14.10	39.625	33.125	24.000	12.625	5.875	18.875	27.500
12	24.00	-14.20	40.375	34.625	25.750	14.875	2.375	17.000	26.250
13	26.00	-14.30	42.125	36.750	26.875	17.375	1.125	15.125	25.500
14	28.00	-14.40	42.500	37.375	27.625	19.250	5.250	13.250	23.625
15	30.00	-14.50	43.500	39.125	28.875	21.750	8.875	11.500	21.875
16	32.00	-14.50	43.875	39.750	30.125	23.625	10.625	9.000	20.000
17	34.00	-14.50	44.125	40.625	31.000	24.625	12.875	5.625	18.750
18	36.00	-14.50	44.875	41.500	32.500	26.125	15.625	1.375	17.250
19	38.00	-14.70	44.625	41.750	33.625	26.500	16.625	2.375	15.750
20	40.00	-14.70	45.250	42.250	35.000	27.875	19.250	6.000	14.625
21	42.00	-14.70	45.750	42.625	36.500	29.500	20.125	9.375	12.500
22	44.00	-14.70	45.875	43.000	37.250	30.500	21.500	12.125	11.125
23	46.00	-14.80	46.000	43.375	37.125	31.875	23.250	13.750	7.375
24	48.00	-14.80	46.375	44.000	37.875	33.250	24.875	14.750	4.250

แนวการวัดย่อยที่ 105

SPR 10501			SP A	SP B	SP C	SP D	SP E	SP F	SP F
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-18.80	35.125	5.625	40.250	47.500	58.250	63.375	
2	6.00	-18.60	37.500	12.875	38.000	46.750	56.500	61.000	
3	10.00	-18.50	39.125	18.750	36.250	45.750	55.375	60.125	
4	14.00	-18.30	40.125	25.375	30.750	43.625	54.375	58.625	
5	18.00	-18.10	41.250	37.500	15.125	40.875	52.250	57.875	
6	22.00	-18.00	39.875	38.750	5.500	35.625	48.750	55.875	
7	26.00	-17.90	39.000	39.125	4.875	31.500	46.625	54.000	
8	30.00	-17.70	39.375	41.125	12.375	29.625	44.750	53.375	
9	34.00	-17.60	42.375	44.000	21.875	29.250	42.875	52.125	
10	38.00	-17.50	41.625	43.250	26.250	24.125	40.625	50.875	
11	42.00	-17.30	45.000	47.375	32.125	14.500	38.875	49.750	
12	46.00	-17.10	46.250	46.750	33.500	5.500	35.500	48.125	
13	50.00	-16.90	47.375	47.250	35.500	5.000	33.125	46.375	
14	54.00	-16.70	48.125	48.000	37.125	12.250	31.000	44.375	
15	58.00	-16.60	49.000	49.500	38.875	20.250	29.125	42.375	
16	62.00	-16.40	46.500	49.250	39.625	22.875	23.375	38.500	
17	66.00	-16.20	48.750	51.500	42.125	26.250	12.000	37.750	
18	70.00	-16.10	53.000	55.375	46.000	33.250	4.750	36.875	
19	74.00	-15.90	52.625	56.000	46.250	34.750	5.250	35.500	
20	78.00	-15.70	54.250	57.625	47.375	37.625	14.875	33.750	
21	82.00	-15.50	55.125	58.375	48.875	40.625	26.250	28.000	
22	86.00	-15.30	56.000	59.625	50.625	42.500	31.375	20.750	
23	90.00	-15.10	56.875	60.750	51.750	46.000	33.750	10.375	
24	94.00	-15.00	57.625	61.750	52.500	46.375	35.875	2.875	

SPR 10502			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-17.60	36.875	6.750	37.500	44.875	58.375		
2	6.00	-17.70	37.125	15.750	36.250	44.000	57.250		
3	10.00	-17.90	39.875	22.250	35.625	43.250	56.125		
4	14.00	-18.10	40.125	36.125	33.625	42.125	55.250		
5	18.00	-18.30	40.375	36.875	18.625	41.000	54.375		
6	22.00	-18.50	42.250	38.625	4.125	40.375	53.625		
7	26.00	-18.60	43.125	40.375	4.125	39.500	52.250		
8	30.00	-18.70	44.875	41.750	17.125	39.250	51.500		
9	34.00	-18.80	45.625	42.750	35.125	31.625	49.000		
10	38.00	-18.80	46.125	43.250	36.000	21.875	47.625		
11	42.00	-18.90	48.000	46.125	38.125	12.875	46.125		
12	46.00	-18.90	48.250	46.375	38.750	4.000	44.000		

SPR 10503			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-12.40	40.500	1.250	40.375	53.000	58.875	69.125	74.500
2	6.00	-12.50	44.500	8.125	30.500	53.000	57.875	68.750	74.375
3	10.00	-12.80	45.375	14.375	23.750	52.875	55.875	67.875	73.875
4	14.00	-13.00	47.000	25.750	18.500	52.625	55.000	66.500	70.875
5	18.00	-13.20	49.250	32.000	10.875	52.625	54.750	65.250	71.625
6	22.00	-13.50	52.000	40.750	3.250	51.625	54.375	64.875	71.375
7	26.00	-13.80	54.250	41.625	3.125	50.750	54.125	64.500	70.500
8	30.00	-14.00	55.000	43.625	11.000	40.500	52.250	62.625	69.250
9	34.00	-14.10	55.875	45.125	16.875	26.000	50.750	61.875	68.625
10	38.00	-14.30	56.250	46.000	43.750	19.375	50.250	60.625	66.000
11	42.00	-14.50	57.750	48.875	47.875	11.250	50.250	59.250	66.875
12	46.00	-14.70	59.500	47.375	45.500	1.750	49.250	60.250	67.375
13	50.00	-14.90	60.500	54.125	51.500	4.000	48.625	58.125	62.625
14	54.00	-15.00	61.750	55.875	53.500	13.125	33.750	56.125	61.625
15	58.00	-15.20	62.625	54.000	52.500	20.750	26.625	54.250	59.250
16	62.00	-15.70	63.250	55.125	52.250	26.625	18.875	52.000	57.250
17	66.00	-15.80	64.500	55.625	52.375	34.250	7.375	50.125	56.125
18	70.00	-15.90	65.250	57.750	52.875	48.000	4.250	47.000	54.875
19	74.00	-16.10	66.000	58.000	54.625	49.250	4.125	45.750	54.000
20	78.00	-16.60	68.375	60.875	56.500	53.000	11.125	49.750	53.250
21	82.00	-16.70	70.875	61.375	58.875	55.125	22.875	27.750	52.875
22	86.00	-16.80	71.125	62.000	59.250	56.000	30.500	19.625	50.375
23	90.00	-17.10	71.875	62.875	60.125	57.000	38.500	12.625	48.000
24	94.00	-17.30	72.250	64.125	62.000	57.750	44.750	5.875	47.500

SPR 10504			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-9.30	48.625	5.000	46.250	59.250	65.625	81.875	
2	6.00	-9.40	49.625	16.375	41.125	57.625	64.250	80.375	
3	10.00	-9.40	50.875	24.250	32.125	56.375	63.250	79.500	
4	14.00	-9.50	51.750	33.500	25.000	55.125	61.375	77.500	
5	18.00	-9.60	52.375	45.000	12.250	54.625	60.875	75.875	
6	22.00	-9.60	52.250	46.125	4.625	52.000	59.500	74.750	
7	26.00	-9.70	53.250	47.000	3.500	50.125	58.625	74.375	
8	30.00	-9.80	55.500	48.500	11.500	45.000	57.125	73.125	
9	34.00	-9.90	56.750	50.250	22.750	36.125	56.625	72.250	
10	38.00	-10.00	58.250	51.500	33.625	25.750	55.875	71.875	
11	42.00	-10.20	60.375	53.750	44.375	11.625	54.125	71.375	
12	46.00	-10.40	63.000	57.000	48.875	6.625	53.000	69.750	
13	50.00	-10.50	63.375	59.000	50.875	6.625	51.000	68.875	
14	54.00	-10.60	64.625	59.250	52.250	16.750	49.250	67.750	
15	58.00	-10.70	66.250	60.625	52.875	28.000	33.000	65.000	
16	62.00	-10.90	68.125	61.750	54.875	39.750	25.625	64.500	
17	66.00	-11.20	69.250	64.250	57.000	47.750	14.000	62.125	
18	70.00	-11.30	70.000	65.625	57.250	49.750	6.250	58.250	
19	74.00	-11.50	70.500	66.500	58.875	51.750	7.750	49.875	
20	78.00	-11.60	72.125	67.750	60.000	54.375	18.375	36.125	
21	82.00	-11.80	74.750	71.375	63.125	57.250	29.000	29.500	
22	86.00	-11.70	79.250	73.375	65.375	61.000	41.375	23.500	
23	90.00	-12.10	83.000	77.250	69.375	63.625	52.375	16.375	
24	94.00	-12.30	85.125	81.250	73.125	67.125	56.000	6.250	

SPR 10505			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-6.70	64.625	9.750	72.625	80.750	86.875	85.750	89.500
2	6.00	-6.80	67.625	31.000	70.500	79.000	86.250	85.000	88.750
3	10.00	-6.80	70.250	49.125	65.625	78.125	84.750	84.125	87.625
4	14.00	-6.80	75.750	63.500	53.875	75.250	83.750	83.625	86.500
5	18.00	-6.80	78.000	68.125	37.750	71.125	79.875	82.500	85.625
6	22.00	-6.90	79.875	70.750	5.500	69.375	78.000	81.625	84.750
7	26.00	-6.90	82.000	74.000	6.000	67.875	76.750	80.500	83.500
8	30.00	-6.80	82.500	75.750	38.250	61.750	75.250	80.125	82.750
9	34.00	-6.90	82.375	77.500	52.375	47.875	73.750	78.000	81.375
10	38.00	-7.00	82.750	78.125	70.750	33.875	70.375	76.000	80.750
11	42.00	-7.10	84.125	80.000	66.875	12.375	69.500	74.875	79.625
12	46.00	-7.30	84.250	80.875	68.125	3.375	66.375	73.000	78.625
13	50.00	-7.50	84.875	81.000	69.250	2.500	56.625	71.250	77.000
14	54.00	-7.60	85.000	81.125	70.375	15.250	46.500	69.375	75.875
15	58.00	-7.80	86.875	83.500	71.000	28.625	37.750	67.125	74.500
16	62.00	-7.90	88.125	84.125	72.375	41.250	26.625	64.875	73.750
17	66.00	-8.20	88.375	85.875	73.500	50.750	12.750	63.000	72.625
18	70.00	-8.30	91.000	87.375	75.500	63.000	6.250	61.625	71.375
19	74.00	-8.50	91.375	89.500	77.625	64.875	5.250	55.625	70.250
20	78.00	-8.60	93.125	91.000	80.250	68.250	16.625	48.625	69.125
21	82.00	-8.60	94.875	92.750	81.125	69.375	24.000	30.375	67.125
22	86.00	8.90	95.875	93.500	82.625	70.125	36.250	20.375	65.375
23	90.00	-9.00	96.250	93.625	83.750	72.000	52.000	11.125	64.125
24	94.00	-9.10	96.500	94.000	84.000	72.625	60.500	2.875	62.125

SPR 10506			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-8.60	65.375	2.625	58.375	63.750	72.000	82.500	87.375
2	10.00	-8.50	66.500	7.875	56.000	62.875	71.375	82.375	85.375
3	15.00	-8.40	67.625	15.500	42.625	61.875	69.875	81.250	84.375
4	20.00	-8.30	69.625	27.500	30.250	60.000	69.000	80.375	81.125
5	25.00	-8.30	71.875	45.625	17.875	59.375	68.125	79.375	80.375
6	30.00	-8.20	72.750	58.625	5.875	54.875	66.625	77.000	78.250
7	35.00	-8.10	72.250	59.500	6.000	46.000	63.250	74.875	75.875
8	40.00	-8.10	73.500	61.250	14.000	43.750	60.750	72.375	73.875
9	45.00	-8.00	74.375	61.375	27.500	38.000	55.500	67.625	70.375
10	50.00	-7.90	73.500	61.875	44.125	24.500	51.625	63.250	69.875
11	55.00	-7.90	72.875	62.625	49.625	3.125	40.875	54.500	64.750
12	60.00	-7.80	72.750	62.500	46.500	19.750	48.375	60.125	66.875
13	65.00	-7.90	72.625	63.375	48.000	6.875	44.500	55.625	65.375
14	70.00	-7.80	75.375	64.625	54.250	15.125	38.375	53.375	64.375
15	75.00	-7.70	77.750	67.125	58.375	24.125	31.500	52.625	63.375
16	80.00	-7.60	78.375	69.375	59.125	31.750	22.875	52.125	62.500
17	85.00	-7.50	81.375	69.625	60.875	36.250	14.500	51.375	61.625
18	90.00	-7.30	83.750	71.125	63.250	41.750	5.250	51.000	61.500
19	95.00	-7.20	84.250	73.375	65.500	46.500	5.375	50.625	60.750
20	100.00	-7.10	85.125	74.875	68.125	49.000	15.625	44.375	59.000
21	105.00	-6.90	86.000	76.875	69.250	51.125	24.250	30.125	57.875
22	110.00	-6.80	88.000	79.375	71.250	53.250	32.625	22.125	56.500
23	115.00	-6.70	89.000	81.750	72.750	54.500	46.750	13.625	54.875
24	120.00	-6.70	90.500	84.875	73.250	55.500	49.500	7.875	53.000

SPR 10507			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-13.30	52.500	7.625	55.125	60.125	67.875	72.750	75.625
2	10.00	-13.00	53.625	24.250	53.125	59.250	64.125	72.000	74.375
3	15.00	-12.90	54.500	37.625	45.750	58.875	67.375	71.625	73.375
4	20.00	-12.70	55.500	49.375	31.625	54.375	63.500	68.875	71.625
5	25.00	-12.60	56.000	50.750	16.875	52.250	59.000	68.250	70.500
6	30.00	-12.30	57.500	51.000	5.875	48.000	57.875	67.000	70.250
7	35.00	-12.10	58.875	51.625	6.500	44.125	54.750	63.875	69.125
8	40.00	-11.80	59.125	52.125	19.750	37.250	49.500	60.750	67.250
9	45.00	-11.50	59.250	53.375	29.250	34.625	48.125	58.875	65.625
10	50.00	-11.30	60.500	54.625	32.125	28.500	47.125	58.125	64.125
11	55.00	-11.20	62.500	55.500	37.375	20.875	46.750	56.250	63.625
12	60.00	-10.90	63.125	56.625	44.500	7.500	46.375	56.375	62.750
13	65.00	-10.70	65.250	59.250	47.250	4.250	45.000	54.375	61.375
14	70.00	-10.50	67.250	62.000	48.750	18.625	44.375	54.750	61.125
15	75.00	-10.30	70.000	63.750	52.125	30.000	43.250	54.375	61.000
16	80.00	-10.00	70.375	65.250	54.625	37.875	41.500	53.000	59.750
17	85.00	-9.60	72.125	68.125	56.250	43.125	24.875	51.125	59.875
18	90.00	-9.40	74.625	70.625	60.250	48.750	7.250	54.375	59.500
19	95.00	-9.20	74.875	71.500	61.750	49.625	2.750	51.250	59.500
20	100.00	-9.30	76.750	72.000	62.375	50.750	9.500	49.250	57.750
21	105.00	-9.20	77.000	74.250	63.375	52.875	18.500	45.125	57.375
22	110.00	-8.90	78.625	76.250	64.250	54.125	39.625	31.875	55.500
23	115.00	-9.00	79.875	76.625	66.000	54.750	47.125	15.875	53.375
24	120.00	-9.00	80.125	78.250	66.750	55.625	49.375	4.125	50.875

SPR 10508			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-16.10	55.750	13.750	48.875	51.875	60.625	63.875	
2	10.00	-15.90	56.625	23.125	46.875	50.375	59.500	62.125	
3	15.00	-15.80	57.250	43.125	45.625	49.375	58.375	61.625	
4	20.00	-15.70	57.750	44.250	32.250	48.875	58.000	60.625	
5	25.00	-15.60	58.250	48.125	15.500	47.625	57.250	59.875	
6	30.00	-15.60	59.500	50.125	5.750	46.125	55.500	58.375	
7	35.00	-15.60	60.375	49.625	7.750	45.750	53.625	57.750	
8	40.00	-15.50	60.625	50.375	17.000	41.500	50.875	56.375	
9	45.00	-15.40	61.250	51.000	35.000	36.375	48.125	54.250	
10	50.00	-15.40	61.000	51.250	45.125	23.875	46.750	51.500	
11	55.00	-15.30	62.500	52.125	51.000	15.250	44.750	50.500	
12	60.00	-15.20	63.000	53.375	47.500	4.875	43.875	48.750	
13	65.00	-15.10	62.500	57.750	48.375	7.000	43.625	46.375	
14	70.00	-15.10	62.875	58.125	47.250	10.875	42.125	45.125	
15	75.00	-15.10	63.625	57.500	48.000	22.375	32.250	44.000	
16	80.00	-15.00	64.000	57.375	48.250	32.625	22.625	42.375	
17	85.00	-14.30	64.250	59.125	48.375	38.875	18.500	40.625	
18	90.00	-14.30	64.875	60.625	50.625	39.875	8.875	39.875	
19	95.00	-14.10	67.000	63.125	54.125	43.500	7.375	38.875	
20	100.00	-14.00	68.250	65.250	55.875	45.375	16.125	40.000	
21	105.00	-13.90	70.125	65.000	57.625	47.125	25.875	41.750	
22	110.00	-13.80	71.375	66.875	59.000	47.750	34.500	33.250	
23	115.00	-13.70	72.500	67.375	60.500	49.500	37.750	20.625	
24	120.00	-13.50	73.375	68.625	61.500	50.375	39.875	5.375	

แนวการวัดย่อยที่ 106

SPR 10601			SP A	SP B	SP C	SP D	SP E	SP F	SP F
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-17.50	30.500	4.500	25.000	35.750	41.500	46.625	
2	10.00	-18.20	31.750	17.250	23.875	34.500	40.500	45.875	
3	15.00	-18.30	32.375	21.625	21.500	33.750	39.125	44.750	
4	20.00	17.80	33.500	23.000	19.125	32.250	38.375	43.500	
5	25.00	-18.30	34.375	24.875	12.375	31.750	36.875	42.125	
6	30.00	-18.40	35.375	25.875	3.250	30.750	35.500	41.625	
7	35.00	-18.30	36.625	27.000	3.625	29.625	34.125	40.500	
8	40.00	-18.10	37.750	28.875	14.625	28.750	33.500	39.875	
9	45.00	-18.40	38.875	29.500	21.125	27.625	32.375	39.000	
10	50.00	-18.30	39.750	30.875	24.250	26.000	31.625	38.125	
11	55.00	-18.40	41.000	31.750	24.750	21.000	30.500	37.250	
12	60.00	-18.40	42.625	32.750	25.750	5.750	29.375	35.875	
13	65.00	-18.30	43.375	33.625	27.000	6.875	28.625	34.000	
14	70.00	-18.20	44.250	34.750	28.250	20.750	27.500	32.875	
15	75.00	-18.30	45.625	35.500	29.625	24.250	25.250	31.500	
16	80.00	-18.30	46.500	36.250	30.125	25.875	22.250	30.125	
17	85.00	-18.30	47.875	37.875	31.375	27.000	18.625	28.125	
18	90.00	-18.40	48.750	39.000	32.625	28.125	5.875	27.000	
19	95.00	-18.50	49.625	41.000	33.500	29.625	6.750	25.750	
20	100.00	-18.60	50.500	42.250	34.250	30.750	16.625	24.125	
21	105.00	-18.70	51.125	43.500	35.625	31.375	20.625	22.250	
22	110.00	-18.10	52.625	44.375	36.750	32.750	23.250	18.125	
23	115.00	-18.70	53.625	45.750	37.625	33.125	25.000	14.750	
24	120.00	-18.90	54.500	46.750	38.500	34.625	26.750	7.750	

SPR 10602			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-16.00	3.750	25.375	31.750	36.750	42.875	48.125	
2	10.00	-15.90	12.500	24.250	30.625	35.875	41.625	47.375	
3	15.00	-15.90	18.250	22.125	29.375	34.000	40.125	46.750	
4	20.00	-15.90	20.125	19.125	28.000	32.750	39.375	45.625	
5	25.00	-15.90	22.250	13.125	27.000	32.875	38.250	44.500	
6	30.00	-15.90	23.375	3.875	25.875	31.625	37.000	43.625	
7	35.00	-15.90	24.750	3.875	24.000	29.375	35.750	42.750	
8	40.00	-15.90	25.250	12.750	22.750	28.000	34.625	41.625	
9	45.00	-15.90	26.000	19.250	21.625	27.625	33.750	40.875	
10	50.00	-16.10	27.875	22.000	18.625	25.125	32.750	39.750	
11	55.00	-16.10	29.000	23.250	10.250	23.875	31.875	38.625	
12	60.00	16.20	30.875	24.750	2.750	21.875	30.750	37.875	
13	65.00	-16.40	31.750	25.625	2.875	20.125	29.875	36.500	
14	70.00	-16.40	33.000	26.375	10.375	18.750	28.125	35.125	
15	75.00	-16.50	33.875	27.000	17.500	18.000	27.500	34.375	
16	80.00	-16.60	34.375	28.125	21.125	15.375	26.875	33.750	
17	85.00	-16.80	35.500	29.875	22.375	7.875	25.375	32.375	
18	90.00	-16.90	36.500	30.750	22.625	2.125	24.000	30.125	
19	95.00	-17.00	37.625	31.875	22.750	2.250	22.750	28.750	
20	100.00	-17.10	38.250	32.500	23.750	8.250	21.000	27.500	
21	105.00	-17.20	39.500	33.375	24.750	18.000	19.875	26.125	
22	110.00	-17.00	41.250	34.750	27.000	19.875	18.000	25.375	
23	115.00	-17.40	42.125	35.625	27.875	21.000	12.500	24.875	
24	120.00	-17.40	43.375	36.875	29.375	23.125	3.750	24.125	

SPR 10603			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-15.70	25.875	3.250	22.875	30.875	43.750	48.250	53.875
2	10.00	-15.70	26.500	12.125	21.125	29.000	42.000	47.000	52.750
3	15.00	-15.70	27.375	17.375	19.875	28.125	41.125	46.000	51.875
4	20.00	-15.80	28.125	20.500	17.375	27.000	39.750	45.875	50.500
5	25.00	-15.70	29.375	21.625	13.125	25.250	37.875	44.125	49.625
6	30.00	-15.80	30.500	23.000	3.750	24.125	36.250	43.875	48.500
7	35.00	-15.90	31.875	25.250	4.375	23.250	36.250	42.750	47.375
8	40.00	-15.90	33.000	26.000	14.875	22.000	33.500	41.750	46.500
9	45.00	-15.90	34.250	27.125	17.750	20.875	32.625	39.750	45.750
10	50.00	-15.90	35.875	28.375	21.000	18.875	32.125	38.250	44.875
11	55.00	-16.00	36.625	31.250	23.625	14.125	31.000	37.000	44.125
12	60.00	-15.90	37.875	32.125	24.875	4.250	29.250	35.750	43.625
13	65.00	-15.90	39.000	33.500	26.500	4.750	29.125	35.125	42.625
14	70.00	-15.80	40.500	36.250	28.875	14.625	29.000	34.750	41.750
15	75.00	-16.10	42.250	36.875	30.250	21.125	26.625	34.125	40.500
16	80.00	-16.10	43.875	38.250	32.000	23.625	22.875	33.375	39.750
17	85.00	-16.10	45.250	40.000	33.875	25.125	14.125	32.250	38.750
18	90.00	-16.00	46.750	41.250	35.000	26.750	4.250	31.125	37.625
19	95.00	-16.00	47.875	42.750	36.500	28.375	4.500	30.875	36.000
20	100.00	-15.90	48.750	43.875	37.875	29.625	13.250	29.250	34.875
21	105.00	-16.00	49.625	45.000	38.750	30.875	20.000	26.500	32.625
22	110.00	-16.00	50.875	46.625	39.375	31.750	26.625	17.500	31.875
23	115.00	-16.00	51.875	47.500	40.625	32.625	27.625	10.750	30.125
24	120.00	-16.00	52.625	48.250	41.500	33.750	28.625	3.125	28.500

SPR 10604			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-14.50	28.375	3.625	24.500	31.750	35.375	41.625	53.375
2	10.00	-14.70	29.125	10.250	22.750	30.125	34.000	40.500	52.000
3	15.00	-14.70	30.875	17.000	22.000	29.250	33.375	39.125	50.875
4	20.00	-14.80	31.000	22.500	18.125	28.000	32.125	38.000	49.125
5	25.00	-14.80	32.375	23.625	8.875	26.750	31.500	36.875	47.875
6	30.00	-14.90	32.625	25.000	2.500	25.375	30.500	35.500	46.750
7	35.00	-15.00	33.000	26.625	2.750	24.250	29.750	34.625	45.625
8	40.00	-14.90	34.750	28.875	9.000	23.250	27.250	33.625	44.500
9	45.00	-14.90	35.000	30.000	18.375	22.000	26.125	32.875	43.375
10	50.00	-15.00	36.625	31.250	20.125	15.875	25.000	31.000	42.750
11	55.00	-15.10	37.875	32.625	21.375	11.375	24.000	29.875	41.875
12	60.00	-15.10	38.625	33.875	22.375	3.125	23.750	28.625	40.500
13	65.00	-15.20	39.875	34.625	23.625	4.125	22.375	27.750	39.625
14	70.00	-15.30	40.250	35.750	25.625	11.125	21.750	26.875	38.750
15	75.00	-15.30	42.000	36.625	27.875	17.750	21.000	25.375	37.000
16	80.00	-15.40	43.500	37.375	28.875	22.000	17.375	24.250	35.625
17	85.00	-15.40	44.250	38.625	29.875	23.875	10.875	23.375	34.750
18	90.00	-15.40	45.125	39.625	30.750	24.750	5.125	22.250	33.875
19	95.00	-15.40	46.875	40.500	31.875	26.625	4.750	21.500	32.250
20	100.00	-15.40	47.750	41.875	32.750	28.000	10.000	20.125	31.750
21	105.00	-15.50	48.625	42.625	33.750	29.500	18.500	18.750	30.000
22	110.00	-15.50	49.750	43.375	34.750	30.500	20.375	16.875	28.250
23	115.00	-15.60	50.875	44.500	35.750	31.000	21.250	9.875	26.750
24	120.00	-15.60	51.875	45.375	37.000	32.000	22.750	3.875	25.375

SPR 10605			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-12.80	27.125	3.125	24.875	32.250	40.000	50.750	55.875
2	10.00	-12.90	28.625	13.250	23.250	30.875	38.625	49.000	54.750
3	15.00	-13.00	29.750	20.375	22.000	29.375	37.875	47.875	53.375
4	20.00	-13.10	31.375	21.875	20.750	28.000	36.625	46.125	52.625
5	25.00	-13.10	32.500	23.000	17.625	27.125	35.875	45.250	51.375
6	30.00	-13.30	34.000	24.750	3.000	26.500	34.500	44.625	50.250
7	35.00	-13.30	35.625	25.875	3.000	25.375	33.375	43.000	49.375
8	40.00	-13.40	36.875	27.375	16.750	24.125	32.375	41.875	48.125
9	45.00	-13.50	37.375	29.000	22.125	22.875	31.875	40.750	47.625
10	50.00	-13.60	38.125	30.625	23.000	20.750	30.000	39.875	45.875
11	55.00	-13.70	39.375	31.750	23.625	15.500	28.375	38.250	44.750
12	60.00	-13.90	40.250	32.250	24.750	6.750	26.625	37.750	43.625
13	65.00	-14.20	41.500	33.375	25.875	3.875	26.125	36.000	43.125
14	70.00	-14.10	42.625	34.500	28.000	13.375	24.500	35.125	42.000
15	75.00	-14.10	43.125	35.625	29.500	19.625	22.875	34.125	40.875
16	80.00	-14.10	44.250	36.875	30.250	23.500	21.375	32.500	39.125
17	85.00	-14.20	45.875	38.125	32.375	25.250	14.750	31.500	38.250
18	90.00	-14.20	47.125	40.875	33.750	26.375	3.375	30.250	37.375
19	95.00	-14.30	48.875	41.250	35.500	28.000	3.125	29.625	36.250
20	100.00	-14.30	49.750	42.625	36.000	29.250	13.125	29.000	35.125
21	105.00	-14.40	50.750	43.875	38.125	31.000	24.000	28.375	34.500
22	110.00	-14.40	51.875	45.000	40.250	32.375	25.875	24.875	33.375
23	115.00	-14.50	53.000	47.000	41.125	33.500	27.500	12.250	32.750
24	120.00	-14.50	54.250	48.625	42.000	34.375	29.750	4.750	31.375

SPR 10606			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	5.00	-9.30	31.500	4.000	30.250	35.875	41.500	52.875	
2	10.00	-9.30	32.375	19.875	29.125	34.750	40.375	51.000	
3	15.00	-9.50	33.625	29.000	28.000	33.000	39.125	49.625	
4	20.00	-9.70	35.125	30.375	26.750	31.500	37.875	48.500	
5	25.00	-9.90	35.750	31.250	20.250	30.000	36.125	47.250	
6	30.00	-10.10	36.125	32.125	6.000	28.875	35.875	46.375	
7	35.00	-10.40	37.000	32.625	6.500	27.250	34.500	44.250	
8	40.00	-10.60	38.250	33.125	19.000	25.875	33.000	42.250	
9	45.00	-10.80	38.625	34.375	25.625	24.375	31.750	40.875	
10	50.00	-10.90	39.375	35.375	26.500	20.500	30.625	39.625	
11	55.00	-11.20	40.750	36.000	28.625	13.500	30.000	39.125	
12	60.00	-11.40	41.875	37.875	30.750	2.375	29.250	38.000	
13	65.00	-11.70	43.250	38.875	31.000	2.500	28.000	36.875	
14	70.00	-11.80	44.125	39.625	32.375	13.375	26.875	36.125	
15	75.00	-12.10	45.375	40.875	33.125	20.500	25.375	34.375	
16	80.00	-12.20	46.875	41.750	34.875	24.250	23.750	33.625	
17	85.00	-12.50	48.000	42.625	36.750	25.000	15.250	31.500	
18	90.00	-12.50	49.125	43.125	37.875	26.750	3.875	30.500	
19	95.00	-12.60	50.875	44.500	38.625	27.500	2.500	29.875	
20	100.00	-12.60	51.750	46.000	39.750	28.750	14.000	28.000	
21	105.00	-12.70	53.000	47.875	40.625	29.875	24.625	26.875	
22	110.00	-12.50	54.625	49.375	41.875	31.125	26.125	24.125	
23	115.00	-12.80	55.875	50.750	43.000	32.750	27.625	13.250	
24	120.00	-12.90	56.750	52.250	44.875	34.000	29.500	5.000	

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SPR 10701			SP A	SP B	SP C	SP D	SP E	SP F	SP F
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-9.60	3.250	27.000	36.375	49.250	59.000		
2	6.00	-9.50	14.375	25.250	35.000	48.750	58.250		
3	10.00	-9.50	21.125	22.375	34.125	48.000	57.125		
4	14.00	-9.50	24.750	16.375	33.000	47.125	56.500		
5	18.00	-9.60	27.125	4.375	32.125	46.500	55.250		
6	22.00	-9.50	27.750	3.125	31.500	45.375	54.500		
7	26.00	-9.60	28.500	16.250	30.125	44.625	53.125		
8	30.00	-9.50	29.000	22.125	29.750	43.250	52.375		
9	34.00	-9.50	29.875	24.500	29.000	42.750	51.875		
10	38.00	-9.40	30.500	25.250	28.250	41.625	50.625		
11	42.00	-9.40	31.750	26.125	26.125	40.250	50.250		
12	46.00	-9.30	32.875	27.000	25.125	39.500	49.125		
13	50.00	-9.30	33.750	28.625	20.875	38.500	48.000		
14	54.00	-9.30	34.375	29.500	17.625	37.000	46.375		
15	58.00	-9.20	35.875	30.500	13.625	35.125	45.875		
16	62.00	-9.10	36.625	31.250	8.125	34.875	44.500		
17	66.00	-9.00	37.375	32.375	2.250	33.500	43.500		

SPR 10702			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-10.80	33.000	3.500	31.000	41.750	50.750	61.250	
2	6.00	-10.80	33.875	11.750	29.875	40.375	49.375	60.125	
3	10.00	-10.80	35.000	17.125	29.000	39.500	48.375	59.875	
4	14.00	-10.80	36.125	20.375	28.125	38.750	47.875	58.625	
5	18.00	-10.60	37.250	22.375	27.375	38.625	47.250	57.750	
6	22.00	-10.60	38.375	23.375	26.125	38.125	46.375	56.500	
7	26.00	-10.60	39.125	24.875	25.500	36.375	45.375	55.375	
8	30.00	-10.40	40.875	26.750	24.875	36.750	44.875	54.875	
9	34.00	-10.40	41.500	27.375	23.750	35.625	43.875	53.375	
10	38.00	-10.30	42.625	28.750	20.125	34.625	42.750	52.750	
11	42.00	-10.20	43.500	29.750	12.500	33.625	41.625	51.875	
12	46.00	-10.10	44.750	30.000	3.250	32.000	40.500	50.750	
13	50.00	-10.00	45.250	30.625	3.500	31.500	38.625	49.750	
14	54.00	-10.00	45.375	31.000	13.125	30.125	38.750	49.125	
15	58.00	9.90	45.625	31.500	18.125	29.125	37.625	48.125	
16	62.00	-9.80	46.625	32.375	21.500	28.000	36.750	47.125	
17	66.00	-9.80	47.625	33.375	22.250	26.375	36.000	46.500	
18	70.00	-9.70	48.000	34.250	23.000	25.375	35.250	45.000	
19	74.00	-9.70	48.625	35.625	23.500	24.125	33.625	44.375	
20	78.00	-9.60	49.500	36.125	24.500	23.125	32.750	43.750	
21	82.00	-9.50	50.500	37.250	25.625	22.750	33.375	43.500	
22	86.00	-9.50	51.750	38.125	26.750	17.500	33.250	42.750	
23	90.00	-9.50	52.625	39.000	27.250	11.375	32.625	41.000	
24	94.00	-9.50	53.125	40.875	28.125	3.125	30.125	39.375	

SPR 10703			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-10.80	39.750	27.875	4.250	27.375	38.000	48.375	57.875
2	6.00	-10.80	40.000	28.250	9.625	25.875	36.625	46.875	56.625
3	10.00	-10.80	40.250	28.500	13.625	24.875	35.375	46.250	56.000
4	14.00	-10.80	40.625	29.750	16.625	23.500	35.000	45.750	55.250
5	18.00	-10.80	41.000	30.250	18.125	23.000	34.750	45.250	54.875
6	22.00	-10.80	41.250	30.750	18.500	21.125	33.750	44.125	53.625
7	26.00	-10.80	41.875	31.875	20.625	20.625	33.375	43.500	53.000
8	30.00	-10.80	43.250	32.875	21.875	20.250	32.000	42.875	52.500
9	34.00	-10.90	43.875	33.000	22.250	19.750	31.625	42.250	51.875
10	38.00	-10.90	44.750	33.500	23.625	15.625	31.250	41.750	51.125
11	42.00	-10.90	45.500	34.875	23.875	10.625	30.125	40.750	50.500
12	46.00	-10.90	46.750	35.250	25.375	2.375	28.625	40.000	49.125
13	50.00	-10.90	47.500	36.250	24.750	2.375	28.000	38.125	48.500
14	54.00	-10.90	47.875	38.500	25.375	11.000	26.125	37.750	47.000
15	58.00	-10.90	48.750	40.250	25.875	16.250	25.750	35.875	46.500
16	62.00	-10.90	49.500	41.500	26.125	19.500	24.500	34.750	46.000
17	66.00	-10.90	50.875	42.250	28.625	20.750	23.125	33.750	45.000
18	70.00	-10.90	51.500	42.875	28.125	21.625	22.875	32.750	44.375
19	74.00	-10.90	52.625	43.000	29.000	22.250	21.625	32.250	43.000
20	78.00	-10.90	53.500	43.375	29.875	24.000	20.250	31.250	42.500
21	82.00	-10.90	55.500	44.375	31.625	25.125	19.250	30.625	41.625
22	86.00	-10.90	55.375	45.375	32.750	25.375	15.000	29.000	39.625
23	90.00	-10.90	57.875	47.125	33.375	26.250	11.125	28.125	38.875
24	94.00	-10.80	59.500	47.375	34.125	27.750	3.875	27.750	38.250

SPR 10704			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-11.00	37.000	29.625	4.125	27.375	38.875	49.625	60.500
2	6.00	-11.10	38.125	30.000	11.875	25.875	37.750	48.750	59.750
3	10.00	-11.10	38.625	30.750	16.125	24.375	36.875	47.375	58.625
4	14.00	-11.10	39.000	31.125	18.250	22.375	35.750	46.125	57.750
5	18.00	-11.00	39.750	32.000	19.750	21.750	34.375	45.125	57.125
6	22.00	-11.00	40.875	32.625	20.125	21.250	33.000	44.500	56.500
7	26.00	-11.00	41.125	33.875	21.625	19.875	32.750	43.000	55.375
8	30.00	-11.10	41.875	34.500	21.500	18.500	32.000	42.375	54.125
9	34.00	-11.10	42.625	34.875	23.000	17.125	30.750	41.125	53.250
10	38.00	-11.00	43.750	35.625	23.625	14.000	29.000	40.250	52.250
11	42.00	-11.00	44.250	35.875	24.125	8.125	26.500	39.125	51.375
12	46.00	-11.10	45.875	37.500	25.375	4.250	25.375	38.625	50.250
13	50.00	-11.10	46.000	38.750	26.875	3.875	24.750	37.250	49.500
14	54.00	-11.30	47.375	39.000	27.500	8.750	24.500	36.125	48.625
15	58.00	-10.90	48.750	41.000	28.125	12.750	23.750	35.250	48.375
16	62.00	-10.90	50.000	42.625	29.000	15.500	23.000	34.125	47.500
17	66.00	-10.90	51.500	43.250	30.500	17.125	22.750	33.625	46.625
18	70.00	-10.90	53.625	44.000	31.250	19.250	21.625	32.750	45.375
19	74.00	-10.90	54.125	45.500	32.125	20.375	20.000	31.875	44.250
20	78.00	-10.90	54.000	46.000	33.250	21.000	19.375	31.250	43.000
21	82.00	-10.90	55.250	47.125	34.500	22.250	16.250	30.375	42.250
22	86.00	-10.90	56.000	48.000	35.250	23.125	14.875	28.750	41.125
23	90.00	-10.90	56.875	48.625	36.375	23.625	9.625	27.500	40.375
24	94.00	-10.80	58.375	49.875	37.000	24.125	5.375	26.250	39.000

SPR 10705			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-11.20	37.875	24.600	4.625	26.000	38.750	49.000	55.375
2	6.00	-11.20	38.125	25.900	12.000	25.250	38.000	47.875	54.875
3	10.00	-11.20	39.125	27.900	16.625	24.750	37.125	46.625	53.750
4	14.00	-11.30	40.250	28.500	17.000	22.375	36.875	45.125	53.250
5	18.00	-11.30	41.625	28.900	18.875	21.750	36.000	46.000	53.000
6	22.00	-11.30	43.375	30.800	20.875	20.500	35.125	45.250	52.875
7	26.00	-11.30	42.750	31.800	21.250	18.500	34.375	44.000	52.375
8	30.00	-11.30	44.500	32.100	22.000	17.250	33.250	43.000	52.375
9	34.00	-11.30	45.875	33.100	22.875	16.500	32.625	42.000	51.625
10	38.00	-11.30	46.250	34.600	23.750	15.625	31.375	41.625	50.000
11	42.00	-11.30	47.000	36.800	24.500	13.125	30.375	40.750	48.875
12	46.00	-11.20	46.875	39.600	25.875	4.250	29.875	41.500	48.500
13	50.00	-11.30	48.625	38.400	27.000	4.250	28.625	39.250	48.000
14	54.00	-11.20	49.000	38.000	27.875	7.750	27.000	37.000	47.125
15	58.00	-11.20	50.125	39.300	28.375	14.625	26.250	37.000	45.250
16	62.00	-11.20	51.750	40.800	29.875	19.875	25.500	36.000	46.625
17	66.00	-11.10	52.875	42.500	30.750	22.375	24.875	34.375	45.000
18	70.00	-11.10	53.750	42.900	31.750	23.250	24.000	34.125	43.750
19	74.00	-11.00	55.250	43.800	33.125	24.875	23.375	34.000	42.500
20	78.00	-11.10	55.125	47.400	35.000	25.875	22.500	33.500	41.625
21	82.00	-11.10	55.750	45.500	35.625	26.125	21.250	30.875	40.000
22	86.00	-11.10	55.250	45.100	36.375	25.875	16.875	29.625	39.125
23	90.00	-11.10	56.750	45.500	36.750	26.875	9.625	29.125	38.750
24	94.00	-11.10	57.250	47.600	37.250	27.875	3.000	28.100	37.875

SPR 10707			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-11.90	27.500	3.250	21.625	33.875	44.500	25.625	
2	6.00	-11.90	28.000	5.250	21.000	33.125	44.000	53.500	
3	10.00	-11.80	29.375	7.875	20.500	32.500	43.750	53.250	
4	14.00	-11.70	29.750	16.750	20.125	32.000	43.000	53.000	
5	18.00	-11.60	31.375	17.000	17.875	31.125	42.750	52.750	
6	22.00	-11.60	32.750	18.625	20.750	30.500	41.875	52.000	
7	26.00	-11.80	33.375	20.250	17.250	30.125	41.250	51.625	
8	30.00	-12.10	33.875	21.875	14.500	29.250	40.750	50.875	
9	34.00	-12.40	34.125	22.250	12.875	28.875	40.375	49.375	
10	38.00	-12.70	35.500	22.500	11.000	28.500	39.750	49.250	
11	42.00	-12.90	36.375	23.500	9.625	27.750	39.250	48.250	
12	46.00	-13.10	38.250	24.750	2.625	24.125	37.625	46.250	
13	50.00	-13.20	37.625	24.000	4.000	27.625	38.125	47.875	
14	54.00	-13.20	39.250	25.125	6.875	22.500	37.375	44.500	
15	58.00	-13.20	40.125	25.875	8.875	22.625	37.000	47.375	
16	62.00	-13.30	41.625	26.250	12.125	23.750	36.250	46.625	
17	66.00	-13.30	42.625	27.000	19.875	23.625	36.625	46.125	
18	70.00	-13.30	43.375	27.875	20.875	22.625	36.000	45.000	
19	74.00	-13.40	44.250	28.125	21.125	20.375	33.125	41.875	
20	78.00	-13.30	45.500	29.250	17.625	18.375	27.375	37.375	
21	82.00	-13.20	46.250	30.625	21.500	18.125	31.750	42.125	
22	86.00	-13.20	46.625	30.875	22.000	16.250	30.375	40.625	
23	90.00	-13.20	47.125	31.000	22.125	5.875	29.750	39.375	
24	94.00	-13.30	47.500	31.375	22.250	1.625	28.000	38.125	

SPR 10708			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-7.70	36.250	26.000	3.500	26.875	37.875	48.375	61.500
2	6.00	-7.80	36.125	26.125	11.750	25.000	36.000	46.875	58.750
3	10.00	-7.80	36.875	27.625	18.250	24.250	36.000	46.125	58.750
4	14.00	-7.90	37.875	28.375	18.750	23.625	35.250	46.125	58.750
5	18.00	-8.00	38.875	29.125	20.750	23.250	35.250	44.875	58.500
6	22.00	-8.20	39.375	30.250	21.100	22.250	34.250	44.250	58.000
7	26.00	-8.40	40.250	31.125	22.000	21.250	32.750	44.250	56.375
8	30.00	-8.60	41.375	32.000	23.250	20.500	32.250	42.500	56.600
9	34.00	-8.90	42.000	33.125	24.600	19.875	31.500	41.500	55.000
10	38.00	-9.20	42.875	33.375	25.000	18.375	30.250	41.125	53.500
11	42.00	-9.50	43.125	33.500	25.500	9.000	29.625	38.750	51.250
12	46.00	-9.70	43.625	35.500	26.500	2.875	29.000	39.750	51.500
13	50.00	-10.30	44.625	36.000	27.625	2.875	28.875	39.000	50.000
14	54.00	-10.60	45.125	36.750	28.875	10.500	27.500	37.250	49.250
15	58.00	-10.80	46.625	37.125	28.500	16.375	25.625	36.875	49.500
16	62.00	-11.00	46.875	37.875	29.500	23.375	25.375	35.750	49.500
17	66.00	-11.20	47.000	38.875	30.125	19.875	24.750	36.875	47.500
18	70.00	-11.30	47.750	39.625	31.400	21.000	23.875	34.750	48.000
19	74.00	-11.50	48.250	41.375	32.400	21.875	22.750	33.625	46.500
20	78.00	-11.60	49.125	41.000	33.250	22.375	22.625	33.500	46.250
21	82.00	-11.70	50.125	42.750	33.500	24.000	22.375	33.250	45.250
22	86.00	-11.80	50.500	43.500	34.000	24.500	19.250	32.875	44.250
23	90.00	-11.90	50.750	44.625	35.375	25.375	13.750	32.000	43.750
24	94.00	-11.90	50.875	45.500	36.250	26.875	7.750	31.375	43.000

SPR 10709			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-6.10	39.125	30.375	2.625	31.875	43.000	57.625	65.000
2	6.00	-6.10	40.000	31.000	7.875	30.750	42.250	57.250	64.875
3	10.00	-6.20	40.875	32.500	15.000	30.375	41.375	56.875	64.375
4	14.00	-6.20	42.750	33.125	21.000	30.000	40.625	54.875	63.750
5	18.00	-6.30	43.625	33.750	24.500	29.625	39.375	54.500	62.750
6	22.00	-6.40	44.500	34.250	25.750	29.000	38.250	52.750	62.750
7	26.00	-6.50	45.375	35.375	26.500	27.375	37.750	52.625	61.125
8	30.00	-6.50	45.500	36.000	25.750	25.750	36.500	51.375	60.000
9	34.00	-6.60	46.000	36.625	27.125	24.875	35.500	50.625	59.000
10	38.00	-6.70	46.625	37.125	28.375	21.125	35.000	49.375	58.000
11	42.00	-6.90	47.750	38.875	28.750	14.875	33.000	48.500	57.000
12	46.00	-6.90	48.625	39.000	29.375	7.750	32.500	48.250	56.000
13	50.00	-7.00	48.500	39.500	30.375	6.875	31.625	48.000	55.375
14	54.00	-7.00	48.875	40.125	30.875	15.000	29.500	46.875	54.500
15	58.00	-7.10	50.125	40.500	31.250	20.375	28.875	46.000	53.625
16	62.00	-7.20	50.625	41.250	32.375	25.250	28.750	45.375	53.000
17	66.00	-7.20	51.500	43.000	34.750	26.500	28.125	44.875	53.000
18	70.00	-7.20	52.875	43.375	35.000	27.375	27.750	44.125	52.250
19	74.00	-7.30	53.500	44.125	36.875	28.000	27.000	43.125	51.125
20	78.00	-7.30	54.000	44.875	37.500	28.375	26.250	42.500	50.375
21	82.00	-7.40	55.375	45.250	38.625	30.750	26.500	41.750	49.250
22	86.00	-7.40	56.125	46.875	39.625	31.250	22.125	40.625	48.500
23	90.00	-7.50	57.375	47.250	40.375	32.375	15.750	39.750	47.000
24	94.00	-7.60	58.375	48.500	40.875	33.880	9.250	39.000	46.250

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SPR 10801			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-2.80	43.125	34.250	6.500	33.000	44.500	56.250	67.625
2	6.00	-2.80	44.000	35.000	15.125	32.750	43.250	56.125	67.250
3	10.00	-2.90	44.500	35.125	20.500	31.750	42.750	54.875	66.500
4	14.00	-2.90	45.000	36.375	24.250	30.625	42.125	54.125	66.000
5	18.00	-3.10	45.375	37.250	25.750	29.875	41.250	53.375	65.375
6	22.00	-3.20	46.000	38.000	26.125	28.625	40.500	52.500	64.000
7	26.00	-3.20	47.000	38.875	27.375	27.875	39.875	52.375	63.250
8	30.00	-3.30	48.250	39.500	28.250	26.500	39.000	51.125	62.500
9	34.00	-3.40	49.625	40.625	29.875	24.625	38.500	50.500	62.250
10	38.00	-3.40	50.375	41.250	30.750	19.875	38.125	49.125	61.750
11	42.00	-3.60	51.500	42.500	32.250	14.625	37.125	48.375	60.500
12	46.00	-3.70	52.750	43.500	33.125	5.125	36.500	46.500	59.000
13	50.00	-3.80	53.125	44.750	34.750	3.500	35.375	48.875	58.000
14	54.00	-3.90	53.625	45.500	35.000	13.625	34.750	46.625	56.875
15	58.00	-4.00	54.750	46.750	36.875	20.500	33.875	46.250	56.250
16	62.00	-4.00	55.750	47.875	37.125	26.500	32.875	44.625	55.875
17	66.00	-4.10	56.125	48.750	37.625	27.875	32.125	43.750	55.000
18	70.00	-4.20	57.375	49.875	38.750	30.500	31.125	43.625	54.375
19	74.00	-4.20	58.875	50.875	39.875	30.875	30.750	42.375	53.500
20	78.00	-4.40	60.000	51.125	40.750	33.000	29.000	41.125	52.500
21	82.00	-4.40	60.500	52.250	41.375	33.875	28.375	40.125	51.750
22	86.00	-4.40	61.875	53.250	42.750	35.375	24.000	39.000	50.250
23	90.00	-4.50	62.375	54.375	43.625	35.500	15.125	38.875	49.375
24	94.00	-4.70	62.875	55.250	43.875	36.500	5.625	37.375	48.500

SPR 10802			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-1.80	45.875	38.250	3.750	34.625	46.125	55.625	63.750
2	6.00	-1.90	46.375	37.375	15.125	33.250	44.875	55.000	63.125
3	10.00	-2.00	46.750	38.500	20.875	32.375	43.625	54.125	62.750
4	14.00	-2.00	48.375	40.000	25.625	31.750	41.375	53.375	62.000
5	18.00	-2.10	48.500	40.125	27.375	30.500	40.500	52.000	61.375
6	22.00	-2.10	49.750	42.250	28.250	30.000	39.625	51.500	60.875
7	26.00	-2.10	50.875	42.750	29.000	29.250	39.250	50.000	60.000
8	30.00	-2.20	51.125	43.375	30.000	28.000	37.875	49.250	59.250
9	34.00	-2.30	52.875	44.250	31.250	24.875	37.125	48.375	58.625
10	38.00	-2.30	53.375	45.250	31.750	20.750	36.875	47.125	57.375
11	42.00	-2.30	54.375	46.500	33.125	14.875	36.125	46.625	56.250
12	46.00	-2.50	55.250	47.750	34.000	6.250	35.625	45.500	55.125
13	50.00	-2.50	55.500	48.750	35.125	3.500	35.250	44.125	54.625
14	54.00	-2.50	55.750	49.375	36.875	14.250	33.750	43.875	54.000
15	58.00	-2.50	56.875	50.125	37.000	21.125	33.000	42.750	53.125
16	62.00	-2.60	57.250	50.625	37.625	25.625	32.625	42.375	52.875
17	66.00	-2.60	58.125	51.250	38.750	28.625	31.250	41.250	51.750
18	70.00	-2.60	59.750	52.000	40.125	30.625	30.875	40.625	51.000
19	74.00	-2.70	60.875	53.500	41.375	32.000	30.375	39.750	50.750
20	78.00	-2.70	61.875	54.750	42.000	32.625	29.625	38.375	50.000
21	82.00	-2.70	62.125	55.250	42.750	31.875	26.625	37.000	48.875
22	86.00	-2.80	63.500	56.125	43.125	33.000	21.500	36.250	47.625
23	90.00	-2.80	63.750	56.750	44.500	33.875	17.250	35.500	45.375
24	94.00	-2.80	64.625	57.375	45.375	34.625	8.750	33.875	44.500

SPR 10803			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-1.00	48.625	37.500	6.375	34.625	44.625	54.000	44.500
2	6.00	-0.90	49.500	38.625	14.375	34.000	43.250	53.125	67.750
3	10.00	-0.90	50.375	39.000	22.625	32.625	41.875	52.250	66.875
4	14.00	-0.80	51.000	39.625	27.250	32.250	41.000	51.625	66.000
5	18.00	-0.80	52.125	40.500	28.750	31.000	39.125	51.125	65.250
6	22.00	-0.70	52.375	41.625	36.875	29.875	38.500	50.500	64.125
7	26.00	-0.70	53.250	43.250	30.875	29.625	37.625	49.500	62.750
8	30.00	-0.70	54.000	44.250	31.750	33.125	38.250	48.375	61.500
9	34.00	-0.60	54.625	44.625	31.625	26.750	37.500	47.500	60.375
10	38.00	-0.60	55.500	45.375	32.250	19.500	35.750	46.375	59.500
11	42.00	-0.70	56.375	46.375	31.500	12.125	34.625	45.875	58.750
12	46.00	-0.80	57.125	47.000	33.500	5.375	33.875	44.500	57.625
13	50.00	-0.70	57.625	47.125	34.750	6.250	33.125	43.875	56.875
14	54.00	-0.80	58.375	47.250	36.250	14.750	31.875	42.750	56.000
15	58.00	-0.80	59.500	48.500	37.125	20.125	30.125	42.000	55.250
16	62.00	-0.80	60.375	49.375	37.000	26.250	29.750	40.625	54.625
17	66.00	-0.90	61.250	49.500	37.500	29.625	28.500	39.750	52.875
18	70.00	-1.00	61.625	50.125	37.500	28.125	27.125	38.000	51.500
19	74.00	-1.10	62.125	50.625	38.750	28.875	25.875	37.125	50.625
20	78.00	-1.30	62.625	51.000	39.500	29.250	24.750	36.500	48.875
21	82.00	-1.40	63.875	52.125	40.375	31.000	23.875	35.875	47.125
22	86.00	-1.40	64.250	52.625	41.750	31.375	20.625	34.625	46.000
23	90.00	-1.60	65.875	53.875	42.625	32.500	15.125	34.500	44.000
24	94.00	-1.40	67.375	54.625	43.750	33.500	6.375	33.375	42.500

SPR 10804			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-1.60	34.250	7.625	32.750	40.500	57.250	65.875	
2	6.00	-1.60	35.000	13.500	31.250	39.625	55.375	64.375	
3	10.00	-1.60	37.000	20.625	30.250	38.125	54.750	63.875	
4	14.00	-1.70	37.250	24.875	28.500	37.500	52.875	63.250	
5	18.00	-1.70	37.625	27.000	27.250	36.875	52.500	62.000	
6	22.00	-1.70	38.375	28.875	26.875	36.250	50.750	61.875	
7	26.00	-1.80	39.375	28.875	24.125	33.125	48.250	58.500	
8	30.00	-1.80	40.375	29.625	25.750	34.750	50.375	60.625	
9	34.00	-1.70	40.875	30.250	22.000	32.000	46.625	57.750	
10	38.00	-1.70	41.500	32.125	18.250	31.125	46.500	56.250	
11	42.00	-1.70	42.750	33.500	13.000	29.375	44.875	55.625	
12	46.00	-1.70	43.125	33.375	4.000	28.625	43.125	53.625	
13	50.00	-1.70	43.375	34.000	5.875	27.375	42.875	53.375	
14	54.00	-1.60	44.125	34.625	12.000	26.000	41.375	51.875	
15	58.00	-1.50	45.625	33.750	16.625	24.750	39.375	50.000	
16	62.00	-1.50	45.250	35.500	20.625	24.500	39.375	49.375	
17	66.00	-1.40	46.500	37.500	21.750	23.000	36.625	46.875	
18	70.00	-1.40	46.375	37.125	23.000	21.750	36.375	46.750	
19	74.00	-1.30	47.500	38.000	24.250	20.625	35.750	45.875	
20	78.00	-1.20	48.750	36.500	24.625	19.750	34.125	45.375	
21	82.00	-1.20	48.750	37.875	25.750	17.250	33.000	44.375	
22	86.00	-1.10	49.000	38.500	26.750	14.250	31.875	43.250	
23	90.00	-1.00	49.375	40.125	27.500	10.125	30.750	42.125	
24	94.00	-1.00	50.500	40.375	28.250	4.875	30.000	41.875	

SPR 10805			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.00	-0.50	22.875	2.875	23.250	29.625	36.125	40.500	
2	6.00	-0.50	24.625	9.125	22.375	28.750	35.625	40.125	
3	10.00	-0.60	26.875	15.750	20.250	28.625	35.000	38.750	
4	14.00	-0.60	27.500	18.625	16.875	27.500	34.500	37.000	
5	18.00	-0.70	28.375	20.750	11.250	26.250	32.500	35.125	
6	22.00	-0.80	29.125	21.625	4.000	24.125	30.875	34.875	
7	26.00	-0.80	29.375	22.625	4.125	21.625	28.250	32.875	
8	30.00	-0.80	32.125	24.750	10.750	21.125	28.250	32.000	
9	34.00	-0.90	32.875	25.125	16.000	18.875	27.375	30.500	
10	38.00	-0.90	33.375	26.625	18.375	15.250	25.500	29.500	
11	42.00	-1.00	33.500	26.625	19.500	10.500	24.250	28.875	
12	46.00	-1.00	34.750	28.750	21.875	6.250	23.625	27.625	
13	50.00	-1.10	36.125	29.375	22.750	6.250	21.625	26.875	
14	54.00	-1.10	37.125	30.500	23.250	11.375	20.500	26.375	
15	58.00	-1.00	37.875	31.750	24.625	14.625	17.875	25.375	
16	62.00	-1.20	38.625	33.000	26.500	18.000	15.000	24.250	
17	66.00	-1.20	39.250	34.625	28.125	20.875	11.750	23.750	
18	70.00	-1.30	42.000	35.250	30.500	22.250	4.125	22.500	
19	74.00	-1.30	42.375	36.875	31.125	24.125	6.625	21.375	
20	78.00	-1.40	43.750	38.250	32.000	25.250	11.750	19.625	
21	82.00	-1.50	44.125	38.750	32.375	26.000	14.625	17.375	
22	86.00	-1.50	45.875	39.875	33.125	26.250	18.250	13.125	
23	90.00	-1.50	46.125	41.000	34.125	27.375	20.750	8.750	
24	94.00	-1.60	47.125	42.125	34.625	28.500	21.875	4.875	

แนวการวัดที่ 2

SPR 20101			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-0.40	35.875	30.250	6.625	26.500	37.625	45.375	50.500
2	4.50	-0.50	37.250	32.375	13.625	25.125	36.625	44.750	49.625
3	7.50	-0.40	39.125	35.125	22.000	23.625	34.875	43.500	48.750
4	10.50	-0.40	40.750	36.500	23.750	22.625	33.125	42.375	47.375
5	13.50	-0.40	43.000	38.625	26.250	17.625	32.625	42.250	46.875
6	16.50	-0.30	44.375	39.750	27.625	5.875	30.000	40.125	44.875
7	19.50	-0.40	44.750	41.375	29.125	6.125	28.250	38.000	43.875
8	22.50	-0.50	46.375	43.500	31.250	18.000	26.250	36.250	43.250
9	25.50	-0.60	46.500	44.250	32.125	21.875	23.750	33.250	42.000
10	28.50	-1.00	46.750	43.750	32.750	22.500	20.875	31.125	39.000
11	31.50	-0.90	48.375	46.750	36.375	24.500	15.500	30.125	38.000
12	34.50	-0.90	48.875	46.750	36.375	26.250	9.500	28.250	37.125

SPR 20102			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-0.20	40.375	36.500	2.500	31.875	41.000	54.875	65.375
2	4.50	-0.20	42.500	38.875	9.875	28.250	38.625	52.375	63.000
3	7.50	-0.10	40.250	37.250	14.625	20.250	36.125	48.875	60.625
4	10.50	-0.10	41.125	38.375	28.250	14.125	34.625	46.375	60.125
5	13.50	-0.10	44.250	40.875	31.875	8.750	33.125	45.875	59.625
6	16.50	-0.10	45.500	43.250	34.250	4.375	31.750	44.500	57.375
7	19.50	-0.10	45.875	44.000	34.750	4.375	29.750	42.500	55.750
8	22.50	-0.10	46.250	45.375	37.250	10.625	24.625	39.375	52.375
9	25.50	-0.10	48.625	46.750	39.250	12.750	21.125	38.750	51.000
10	28.50	-0.10	48.500	48.500	41.250	20.000	17.500	37.875	50.500
11	31.50	-0.10	50.500	48.250	41.750	28.125	11.125	35.500	46.500
12	34.50	0.00	51.875	50.875	43.250	31.250	3.000	33.875	44.875

SPR 20103			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	1.70	32.750	23.875	3.875	24.625	31.500	37.000	40.875
2	4.50	1.80	34.750	26.250	12.250	24.250	31.625	36.500	41.000
3	7.50	1.90	37.250	29.000	19.500	23.750	32.125	37.875	41.375
4	10.50	2.00	38.375	31.625	22.875	21.125	29.125	36.750	40.500
5	13.50	2.00	38.625	33.500	24.875	10.875	28.750	36.625	39.750
6	16.50	2.10	38.750	34.000	25.250	5.875	25.625	35.000	38.500
7	19.50	2.10	39.125	34.375	25.750	6.875	23.625	33.500	37.625
8	22.50	2.20	38.750	33.875	26.500	13.750	20.875	31.375	36.250
9	25.50	2.20	39.125	34.625	28.250	18.625	20.250	30.125	35.875
10	28.50	2.20	40.125	35.000	29.625	21.750	17.250	29.375	35.500
11	31.50	2.20	40.875	36.375	31.625	23.875	9.750	27.500	35.000
12	34.50	2.20	41.625	36.875	32.250	25.750	1.500	24.625	33.875

SPR 20104			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	2.20	34.750	26.000	4.000	21.625	31.875	37.500	41.875
2	4.50	2.20	35.125	27.625	8.375	19.875	30.125	36.625	41.750
3	7.50	2.20	35.875	28.750	17.250	18.375	28.125	35.875	41.125
4	10.50	2.20	36.500	31.000	19.500	15.875	26.375	35.125	40.500
5	13.50	2.20	37.125	32.625	21.250	11.875	24.000	34.375	39.875
6	16.50	2.20	37.500	33.500	22.375	4.375	22.625	32.625	38.875
7	19.50	2.20	38.500	35.375	24.250	4.625	21.375	31.000	38.375
8	22.50	2.20	39.875	36.375	26.000	9.875	20.000	29.500	37.875
9	25.50	2.20	40.375	37.375	27.750	15.875	18.125	27.750	37.000
10	28.50	2.20	41.125	38.125	29.625	18.625	15.125	26.250	36.250
11	31.50	2.20	40.750	38.000	30.875	19.750	10.000	23.375	33.750
12	34.50	2.20	41.750	39.125	32.250	21.625	5.125	22.625	33.000

แนวการวัดที่ 3

SPR 30101			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-1.20	19.500	4.250	17.875	29.000	37.250		
2	4.50	-1.40	21.875	8.625	15.000	26.875	33.000		
3	7.50	-1.70	23.000	11.500	12.750	25.500	33.250		
4	10.50	2.00	24.250	14.000	9.625	23.500	32.000		
5	13.50	-2.10	26.000	17.250	7.500	22.125	30.625		
6	16.50	-2.50	27.250	19.750	5.125	20.250	28.875		
7	19.50	-2.50	28.500	21.500	4.000	18.625	26.625		
8	22.50	-2.10	31.750	24.375	9.875	18.250	26.375		
9	25.50	-2.00	32.625	25.750	12.375	15.500	24.500		
10	28.50	-1.90	33.875	27.000	14.000	14.250	23.750		
11	31.50	-1.70	36.250	29.500	16.375	12.875	22.750		
12	34.50	-1.70	39.375	31.000	18.500	7.750	22.000		

SPR 30102			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-2.30	35.375	26.875	11.625	25.500	34.000	42.875	54.375
2	4.50	-2.20	37.375	28.750	27.500	23.625	32.125	41.125	52.250
3	7.50	-2.20	38.500	29.250	19.375	21.375	30.500	39.625	50.625
4	10.50	-2.10	40.125	31.500	21.875	18.500	29.500	38.375	49.875
5	13.50	-1.90	42.375	33.875	24.875	14.375	28.625	37.250	48.750
6	16.50	-2.00	43.875	34.875	25.500	5.375	26.625	35.375	47.000
7	19.50	-2.10	45.000	36.375	27.000	5.250	24.375	33.500	44.500
8	22.50	-2.20	46.250	37.500	28.125	13.875	22.250	31.000	42.250
9	25.50	-2.00	47.875	39.375	30.500	18.250	21.375	30.625	41.875
10	28.50	-2.00	50.375	40.750	32.000	22.000	18.750	29.000	40.750
11	31.50	-2.00	51.500	42.625	33.500	23.750	13.375	27.500	39.000
12	34.50	-2.00	52.875	43.250	35.000	25.500	6.125	25.250	37.000

SPR 30103			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-15.60	42.000	31.250	4.125	28.875	38.125	46.625	50.750
2	4.50	-15.70	42.875	32.375	12.000	26.750	36.500	44.375	50.250
3	7.50	-15.80	44.625	34.750	21.000	25.750	36.125	43.125	50.625
4	10.50	-15.90	46.000	37.000	25.500	21.375	34.125	41.125	48.875
5	13.50	-15.90	48.500	38.000	27.000	12.875	32.000	38.750	46.875
6	16.50	-15.90	49.875	39.875	29.625	6.875	30.250	37.750	45.125
7	19.50	-16.00	50.625	40.750	31.125	5.375	27.500	35.625	43.750
8	22.50	-16.10	50.750	42.125	32.500	14.500	26.375	34.500	43.125
9	25.50	-16.10	50.875	43.500	33.125	19.125	23.750	33.500	40.750
10	28.50	-16.20	52.875	45.000	35.250	23.000	20.125	32.000	39.250
11	31.50	-16.50	51.625	45.625	36.000	25.125	11.500	29.250	36.625
12	34.50	-18.70	64.250	46.750	37.875	27.375	4.125	27.750	36.250

SPR 30104			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-14.90	38.000	22.875	6.875	21.250	24.875	37.000	
2	4.50	-14.80	41.000	26.250	14.500	22.250	27.000	38.875	
3	7.50	-14.80	41.500	27.375	17.500	18.125	25.375	36.750	
4	10.50	-14.80	39.875	33.375	17.375	15.875	23.625	35.000	
5	13.50	-14.70	41.875	34.625	19.000	14.375	24.250	36.875	
6	16.50	-14.80	42.750	35.625	21.125	9.875	23.000	35.250	
7	19.50	-14.90	43.375	35.875	22.500	9.500	21.500	33.875	
8	22.50	-14.80	43.500	36.125	22.875	12.625	18.875	32.250	
9	25.50	-14.80	44.625	38.375	24.250	15.750	18.625	31.500	
10	28.50	-14.60	46.625	41.000	27.250	19.750	17.875	31.375	
11	31.50	-14.70	47.875	40.750	26.875	20.875	14.750	28.500	
12	34.50	-15.00	46.250	42.000	27.625	22.875	12.375	27.375	

SPR 30105			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-8.90	28.250	24.125	5.125	19.875	42.000	35.125	38.750
2	4.50	-8.90	28.625	24.875	8.250	17.875	40.125	33.625	37.625
3	7.50	-8.90	28.500	24.750	15.125	15.250	38.625	32.500	36.375
4	10.50	-8.90	30.000	25.250	16.500	13.500	37.250	31.625	35.375
5	13.50	-9.00	31.125	26.750	19.125	8.875	36.000	32.125	34.750
6	16.50	-8.90	32.625	27.875	21.250	3.500	35.500	31.375	35.000
7	19.50	-8.90	33.125	29.000	23.125	3.750	35.000	31.250	34.875
8	22.50	-9.00	35.375	31.750	26.125	12.375	31.500	31.750	35.750
9	25.50	-9.00	37.375	33.750	27.875	18.250	29.375	32.500	36.375
10	28.50	-8.90	39.000	35.125	29.250	21.625	25.750	32.875	37.000
11	31.50	-8.90	40.000	35.625	31.250	23.750	14.250	32.000	36.125
12	34.50	-8.90	40.500	36.000	31.625	25.000	5.125	30.500	35.000

แนวการวัดที่ 4

SPR 40101			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	16.60	33.375	26.625	4.000	25.000	41.250	40.750	40.875
2	4.50	16.60	35.000	27.750	12.500	23.500	40.875	40.375	40.375
3	7.50	16.70	35.250	29.625	15.250	21.625	40.250	39.750	39.875
4	10.50	16.80	36.875	31.000	19.000	17.625	39.625	38.750	38.875
5	13.50	16.90	38.625	32.625	23.500	13.875	38.750	39.625	39.250
6	16.50	17.00	38.750	33.625	25.250	5.125	34.375	39.875	39.750
7	19.50	17.10	40.500	35.250	27.000	5.125	31.000	40.500	40.250
8	22.50	17.20	42.250	35.750	28.375	12.625	26.625	39.125	39.000
9	25.50	17.30	41.875	36.250	30.500	18.875	23.500	38.000	37.875
10	28.50	17.50	42.375	36.500	31.500	21.500	18.250	36.375	36.500
11	31.50	17.70	43.625	37.875	33.125	26.500	11.500	35.375	35.750
12	34.50	17.90	44.375	38.125	33.625	30.375	5.125	32.625	31.875

SPR 40102			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	25.10	61.250	35.875	5.875	34.875	57.625	65.875	71.625
2	4.50	25.10	64.625	40.625	12.875	30.500	54.625	64.500	70.750
3	7.50	25.10	67.625	45.500	18.375	24.875	51.000	63.375	70.125
4	10.50	25.10	70.125	50.750	24.250	17.875	47.500	62.500	69.125
5	13.50	25.00	70.625	54.750	29.875	10.750	43.125	60.750	66.500
6	16.50	24.90	71.125	56.625	34.500	3.125	39.000	59.250	64.250
7	19.50	25.10	72.250	57.125	40.125	3.500	35.000	56.750	60.875
8	22.50	25.10	72.750	57.625	44.375	9.000	29.500	52.625	56.750
9	25.50	25.00	73.250	58.625	48.375	14.750	24.875	48.375	54.250
10	28.50	25.00	73.875	59.500	51.750	23.250	19.875	41.750	52.500
11	31.50	25.00	74.375	60.375	55.000	29.625	10.250	37.000	49.875
12	34.50	25.00	75.000	60.750	58.250	33.875	4.875	31.875	47.750

SPR 40103			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	29.30	41.250	32.750	2.750	38.250	41.875	51.375	52.875
2	4.50	29.40	44.000	34.500	7.875	30.875	41.250	51.000	52.250
3	7.50	29.50	45.500	36.500	15.000	26.500	38.625	49.750	51.500
4	10.50	29.70	47.500	37.750	25.625	16.250	36.625	48.750	50.250
5	13.50	29.70	49.375	39.250	28.500	12.500	37.625	47.500	49.750
6	16.50	29.90	49.625	40.750	29.125	5.875	37.000	46.375	48.500
7	19.50	29.90	50.500	41.625	36.375	6.000	33.875	43.750	47.000
8	22.50	30.00	51.875	42.375	37.000	11.500	27.375	42.000	45.125
9	25.50	30.10	51.875	42.625	37.875	17.250	21.500	40.875	43.625
10	28.50	30.10	51.875	42.875	36.500	23.875	15.250	39.000	41.875
11	31.50	30.20	52.000	43.375	39.000	27.500	10.750	37.500	40.500
12	34.50	30.30	52.625	44.000	39.750	34.000	5.000	35.875	38.625

SPR 40104			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	34.90	37.000	27.500	11.750	28.625	37.125	43.000	49.750
2	4.50	34.80	37.750	28.250	14.750	27.500	35.250	41.500	48.250
3	7.50	34.70	37.750	28.750	18.500	24.000	33.250	37.500	46.875
4	10.50	34.60	38.250	29.125	23.500	20.125	32.500	36.875	45.750
5	13.50	34.50	39.375	30.875	25.625	16.125	31.875	36.500	45.375
6	16.50	34.40	40.875	31.875	27.000	10.375	29.625	34.375	44.875
7	19.50	34.20	41.375	32.000	27.250	6.250	27.250	33.625	44.000
8	22.50	34.10	43.125	33.500	27.000	9.000	22.125	32.125	42.375
9	25.50	34.00	43.750	35.000	30.250	14.250	20.500	34.750	42.875
10	28.50	33.80	46.750	38.000	33.125	18.000	16.250	33.625	42.250
11	31.50	33.70	48.250	38.750	32.625	21.500	14.875	30.000	41.750
12	34.50	33.60	49.375	40.125	33.875	26.125	8.250	27.750	40.375

SPR 40105			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	29.80	41.500	33.250	8.000	26.625	49.875	49.875	56.250
2	4.50	29.90	41.250	33.250	11.125	22.750	47.125	47.125	52.875
3	7.50	30.00	41.125	33.750	17.375	20.500	44.250	44.250	50.875
4	10.50	30.00	41.625	33.625	21.125	16.125	42.750	42.750	48.875
5	13.50	30.10	43.250	35.750	25.000	9.875	41.625	41.625	48.250
6	16.50	30.20	45.250	34.875	28.000	2.250	41.875	41.875	48.500
7	19.50	30.20	47.875	39.875	29.750	2.750	40.625	40.625	47.625
8	22.50	30.30	50.000	42.750	32.625	12.125	41.000	41.000	48.500
9	25.50	30.40	53.250	45.000	35.250	18.875	41.250	41.250	48.375
10	28.50	30.40	54.250	46.250	35.250	23.750	39.875	39.875	47.125
11	31.50	30.50	55.250	47.125	37.250	25.625	38.750	38.750	46.375
12	34.50	30.50	57.500	49.875	39.500	28.000	35.875	35.875	46.000

SPR 40106			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	27.00	30.875	24.875	20.875	20.875	29.375	39.750	47.250
2	4.50	26.90	30.625	26.875	21.250	21.250	29.000	39.250	45.875
3	7.50	26.80	35.500	27.375	18.125	18.125	26.375	37.750	45.375
4	10.50	26.60	35.625	28.875	15.750	15.750	21.250	35.375	42.875
5	13.50	26.50	36.625	29.000	14.250	14.250	21.000	34.750	43.125
6	16.50	26.30	37.000	29.875	4.500	4.500	19.875	33.500	40.875
7	19.50	26.20	38.000	30.500	4.875	4.875	19.625	30.750	39.500
8	22.50	26.20	40.250	31.875	15.000	15.000	19.750	31.375	39.250
9	25.50	26.00	42.375	34.625	17.500	17.500	18.750	30.875	39.125
10	28.50	25.90	42.750	35.625	18.625	18.625	18.125	29.375	37.750
11	31.50	25.80	43.000	35.625	18.375	18.375	13.250	26.875	35.375
12	34.50	25.70	44.875	37.625	19.125	19.125	8.500	26.125	34.250

SPR 40107			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	22.00	41.250	36.000	5.875	30.875	38.750	49.875	61.500
2	4.50	22.00	42.875	34.625	13.625	26.000	36.500	48.375	59.750
3	7.50	21.90	44.125	35.125	18.875	23.375	34.875	46.375	57.500
4	10.50	21.90	45.000	35.875	22.875	19.250	33.250	45.000	55.500
5	13.50	21.70	46.625	37.500	26.250	13.875	32.375	44.375	55.000
6	16.50	21.60	47.625	38.250	30.750	4.125	31.000	42.625	54.250
7	19.50	21.60	48.250	38.750	31.875	3.750	28.375	40.250	52.250
8	22.50	21.50	49.370	40.250	33.125	13.875	25.625	38.750	50.750
9	25.50	21.40	50.875	41.500	34.750	19.625	23.125	38.125	50.120
10	28.50	21.40	51.125	42.250	35.625	22.125	19.125	35.750	48.500
11	31.50	21.30	52.875	43.250	36.375	24.750	13.875	34.750	47.750
12	34.50	21.30	54.000	44.620	38.250	29.000	6.000	34.250	46.375

SPR 40108			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	20.10	31.500	9.625	30.750	34.125	42.750		
2	4.50	20.00	32.125	24.875	28.625	32.625	42.000		
3	7.50	19.80	32.250	27.375	26.375	30.375	38.500		
4	10.50	19.60	32.625	28.375	25.000	28.375	37.625		
5	13.50	19.60	32.875	28.750	19.000	26.125	35.250		
6	16.50	19.40	33.875	29.500	8.375	26.000	34.000		
7	19.50	19.40	35.375	31.250	8.625	24.250	33.250		
8	22.50	19.20	36.875	31.750	19.875	22.125	31.625		
9	25.50	19.20	37.375	33.375	23.375	20.375	30.375		
10	28.50	19.10	38.750	34.000	24.375	26.000	29.500		
11	31.50	20.10	40.125	35.625	26.000	19.250	29.125		
12	34.50	19.50	40.375	37.000	31.125	10.500	28.375		

SPR 40109			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	19.40	35.875	28.875	6.750	26.000	40.625	48.375	52.125
2	4.50	19.30	36.125	29.375	15.750	23.750	39.250	47.750	51.500
3	7.50	19.20	38.500	31.500	19.875	20.750	40.250	47.500	51.375
4	10.50	19.20	40.000	34.125	22.750	17.875	39.250	46.000	50.750
5	13.50	19.10	42.625	36.000	24.375	14.875	38.125	40.000	50.375
6	16.50	19.10	46.125	38.125	29.875	5.625	34.750	40.375	49.750
7	19.50	18.90	48.500	40.000	34.625	5.375	31.875	40.500	47.125
8	22.50	18.80	49.750	42.500	36.500	15.375	28.875	38.500	45.000
9	25.50	18.70	50.375	44.625	38.125	21.000	25.375	36.750	42.500
10	28.50	18.70	51.500	45.625	38.750	25.625	22.125	36.500	41.875
11	31.50	18.60	51.625	48.625	40.000	28.625	14.875	35.625	41.500
12	34.50	18.50	52.875	51.125	41.625	31.250	5.625	33.500	40.250

SPR 40110			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	18.30	35.625	36.000	5.625	32.375	40.625	41.750	47.625
2	4.50	18.30	36.875	40.250	15.500	29.250	39.625	40.375	47.000
3	7.50	18.40	37.500	41.625	21.000	25.500	39.125	39.625	46.250
4	10.50	18.50	38.875	43.875	25.625	20.375	39.000	39.750	45.750
5	13.50	18.50	39.500	45.500	28.625	14.875	38.625	39.625	44.500
6	16.50	18.60	40.125	46.250	32.500	6.125	38.375	39.375	45.500
7	19.50	18.90	41.125	47.000	35.875	5.875	36.250	39.375	44.000
8	22.50	18.90	41.500	48.250	38.000	15.625	32.375	37.750	43.750
9	25.50	18.90	42.000	49.000	38.125	21.125	28.250	37.250	42.875
10	28.50	19.10	43.375	51.125	38.625	25.875	23.375	37.000	42.625
11	31.50	19.10	44.500	52.875	40.875	30.500	16.000	36.750	42.375
12	34.50	19.20	46.375	53.750	41.875	35.000	6.125	36.500	42.000

SPR 40111			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	19.30	59.620	38.250	5.875	33.000	55.250	68.250	75.125
2	4.50	19.20	61.000	39.375	13.000	25.750	52.500	66.375	72.750
3	7.50	19.20	62.750	46.875	20.500	21.000	48.875	64.750	70.125
4	10.50	19.20	64.370	48.375	26.000	16.250	40.375	62.875	68.125
5	13.50	19.10	65.750	49.375	30.875	10.750	37.500	59.875	64.500
6	16.50	19.00	64.750	57.250	34.250	3.750	32.750	56.625	62.375
7	19.50	18.90	67.750	59.375	38.375	4.000	29.750	54.125	60.375
8	22.50	18.90	69.750	61.250	42.375	10.750	26.250	52.625	59.500
9	25.50	18.90	74.250	61.000	46.750	15.125	21.250	50.750	59.000
10	28.50	18.80	76.250	62.875	49.750	19.125	16.000	49.000	57.500
11	31.50	18.70	77.750	62.375	54.625	23.000	10.000	41.000	55.625
12	34.50	18.60	78.000	65.625	58.625	27.375	4.750	37.125	54.000

SPR 40112			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	18.60	60.125	36.750	5.250	36.370	50.250	63.250	69.750
2	4.50	18.50	64.500	41.125	14.875	32.750	48.500	61.125	67.000
3	7.50	18.40	65.000	47.625	19.625	25.620	46.875	59.250	64.875
4	10.50	18.40	65.250	49.625	22.250	17.750	43.250	58.000	62.125
5	13.50	18.30	66.875	51.000	25.500	12.625	38.500	55.750	60.625
6	16.50	18.20	70.875	55.250	32.125	7.125	33.625	56.250	60.500
7	19.50	18.10	72.375	56.375	38.125	7.250	28.500	53.000	59.375
8	22.50	18.00	73.875	57.500	45.250	15.125	22.375	49.375	56.125
9	25.50	18.00	73.500	58.125	47.000	20.875	19.000	45.000	52.875
10	28.50	18.00	74.250	59.250	48.375	25.000	15.000	40.250	51.000
11	31.50	17.80	74.875	60.500	49.625	28.625	11.125	36.125	49.125
12	34.50	17.80	75.500	61.125	50.125	31.500	5.875	31.125	47.125

SPR 40113			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	17.90	53.500	31.000	6.000	27.500	46.125	57.750	64.625
2	4.50	17.90	58.375	36.500	12.625	24.000	44.625	56.250	64.125
3	7.50	17.90	61.125	43.625	17.000	20.375	43.250	55.125	63.750
4	10.50	17.90	64.250	46.125	19.875	16.000	41.250	53.625	62.000
5	13.50	18.00	64.750	48.000	22.875	10.500	33.625	50.875	59.625
6	16.50	18.00	65.625	51.125	26.625	4.375	30.375	49.500	58.375
7	19.50	18.10	66.250	53.000	30.250	3.625	26.125	46.375	55.750
8	22.50	18.10	67.250	53.875	32.000	9.750	23.000	43.625	53.375
9	25.50	18.20	68.125	56.125	38.625	15.500	21.125	41.875	52.000
10	28.50	18.20	69.000	57.000	41.625	20.750	17.625	39.750	50.750
11	31.50	18.30	69.750	58.500	43.125	24.375	14.125	35.000	49.125
12	34.50	18.30	70.250	59.750	45.250	27.125	5.500	32.750	48.625

SPR 40114			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	9.90	26.000	22.625	2.625	26.750	27.875	33.250	39.125
2	4.50	10.00	28.000	25.000	13.500	26.250	28.250	33.125	38.125
3	7.50	10.10	29.125	25.875	21.500	24.250	26.625	31.500	39.125
4	10.50	10.20	27.000	25.000	24.750	15.250	26.750	29.500	35.625
5	13.50	10.40	28.375	24.875	25.125	9.750	25.250	28.125	34.750
6	16.50	10.60	29.625	26.625	25.875	3.875	23.125	26.625	33.750
7	19.50	10.70	29.000	25.875	26.500	4.000	20.250	24.125	31.375
8	22.50	10.90	28.875	25.625	25.875	10.500	17.750	23.000	30.000
9	25.50	11.00	30.500	26.875	27.250	16.500	17.625	22.875	30.000
10	28.50	11.30	31.875	28.750	29.125	20.625	16.750	23.250	30.250
11	31.50	11.50	31.250	28.500	28.750	20.750	12.000	21.375	28.375
12	34.50	11.70	31.750	29.125	29.000	20.250	6.875	19.375	27.375

SPR 40115			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	13.60	45.125	35.500	3.375	23.875	35.500	41.375	46.875
2	4.50	13.40	44.375	37.625	9.000	20.875	32.375	39.000	44.000
3	7.50	13.20	44.625	37.500	14.250	16.875	30.875	38.000	42.875
4	10.50	13.10	44.750	36.625	17.875	13.250	28.125	36.750	42.375
5	13.50	12.80	41.000	37.625	20.375	9.250	26.250	35.250	42.000
6	16.50	12.60	43.375	40.125	23.875	3.375	22.625	34.500	40.500
7	19.50	12.40	44.750	40.250	27.250	4.375	20.750	35.000	39.875
8	22.50	12.20	45.875	41.125	29.000	11.625	17.500	31.750	37.875
9	25.50	12.00	46.000	40.875	29.750	14.250	14.500	31.500	37.500
10	28.50	11.80	46.500	41.625	31.750	16.125	12.375	30.250	38.375
11	31.50	11.70	47.625	42.750	33.000	18.125	5.250	31.375	39.125
12	34.50	11.50	50.750	45.625	34.875	20.500	2.750	32.625	41.750

SPR 40116			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	0.80	26.625	23.625	5.375	24.625	25.625	31.750	39.000
2	4.50	0.80	27.500	24.000	10.500	22.250	23.875	29.375	36.875
3	7.50	0.70	26.500	23.625	20.125	19.250	21.125	27.000	34.125
4	10.50	0.70	26.250	22.875	20.375	17.125	18.875	24.625	32.000
5	13.50	0.70	28.125	23.625	21.750	9.125	18.875	24.375	32.125
6	16.50	0.60	29.875	25.250	23.625	2.375	18.250	24.500	31.250
7	19.50	0.60	31.000	28.000	25.875	3.375	18.875	24.750	32.625
8	22.50	0.60	31.500	27.875	27.125	20.000	16.875	22.375	30.875
9	25.50	0.50	32.500	25.125	24.000	16.250	13.250	19.125	27.000
10	28.50	0.50	33.250	25.375	24.750	17.750	12.500	18.250	25.750
11	31.50	0.50	37.750	26.750	25.750	18.500	10.500	17.250	24.375
12	34.50	0.40	38.875	27.500	26.250	19.125	1.750	15.500	23.625

SPR 40117			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-0.10	24.625	16.625	7.875	16.500	22.125	32.625	37.625
2	4.50	-0.10	25.500	17.250	11.750	14.750	20.875	31.625	36.250
3	7.50	-0.20	25.250	16.875	12.875	11.500	17.625	28.000	33.250
4	10.50	-0.20	26.625	18.125	13.750	10.125	16.625	27.250	31.875
5	13.50	-0.20	28.375	19.250	15.125	8.750	15.875	26.750	31.750
6	16.50	-0.20	28.375	19.875	16.000	4.750	14.375	25.250	30.125
7	19.50	-0.10	29.750	20.500	16.500	4.875	12.750	24.375	28.875
8	22.50	-0.10	31.500	22.750	18.625	9.000	11.875	23.875	27.875
9	25.50	-0.10	32.250	23.875	20.000	10.250	11.250	22.625	27.875
10	28.50	-0.10	34.125	24.875	20.875	11.750	9.625	21.500	26.750
11	31.50	-0.20	34.625	25.375	21.875	12.750	8.125	20.125	25.875
12	34.50	-0.20	34.625	26.125	23.000	13.375	3.875	19.000	24.625

แนวการวัดที่ 5

SPREAD 50101			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-4.30	37.500	27.875	4.625	24.000	29.250	38.125	42.000
2	4.50	-4.60	38.500	28.750	10.500	22.500	28.375	37.625	41.375
3	7.50	-4.90	39.250	30.375	15.875	21.125	27.625	37.125	41.000
4	10.50	-5.10	40.000	30.750	21.250	16.625	26.375	36.000	39.875
5	13.50	-5.40	40.750	31.000	23.625	12.375	25.250	34.875	38.500
6	16.50	-5.40	40.250	30.500	24.500	4.000	23.750	33.125	37.000
7	19.50	-5.60	40.625	30.750	25.125	4.000	22.250	32.000	36.000
8	22.50	-5.80	41.000	31.250	26.250	11.250	21.500	31.500	35.625
9	25.50	-6.00	41.750	32.000	27.250	15.750	20.250	30.625	35.125
10	28.50	-6.20	42.875	32.875	28.250	19.125	18.000	29.875	34.875
11	31.50	-6.40	43.500	33.750	28.875	22.000	11.375	29.000	34.500
12	34.50	-6.70	44.000	34.250	29.125	22.875	3.125	27.375	33.500

SPR 50102			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.50	-6.90	30.500	8.500	30.000	36.750	49.875		
2	7.50	-6.60	32.625	19.750	29.125	35.750	48.625		
3	12.50	-6.50	35.250	27.750	28.500	35.000	47.750		
4	17.50	-6.30	34.500	27.375	23.875	32.125	45.250		
5	22.50	-6.20	35.750	29.000	16.250	31.625	44.250		
6	27.50	-6.10	37.250	29.750	6.125	30.625	43.500		
7	32.50	-6.00	37.750	31.000	8.125	28.875	42.125		
8	37.50	-5.90	38.625	31.625	18.125	26.750	40.125		
9	42.50	-5.90	39.750	32.500	26.000	25.625	38.375		
10	47.50	-5.80	40.750	32.875	34.750	20.750	36.750		
11	52.50	-5.70	40.000	33.750	37.375	11.875	36.000		
12	57.50	-5.70	43.375	35.875	39.750	4.875	35.125		

SPR 50103			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-5.60	27.625	4.000	24.875	34.625	44.375		
2	4.50	-5.50	29.000	11.125	23.125	32.750	42.750		
3	7.50	-5.40	30.875	17.625	21.875	31.125	40.500		
4	10.50	-5.30	31.500	21.625	16.000	29.125	38.750		
5	13.50	-5.20	33.750	24.125	9.375	28.250	37.750		
6	16.50	-5.00	35.000	24.875	2.875	26.250	35.875		
7	19.50	-4.90	36.125	26.250	2.875	25.750	35.000		
8	22.50	-4.80	38.125	28.250	9.750	24.375	34.375		
9	25.50	-4.70	40.875	31.000	16.000	18.250	33.500		
10	28.50	-4.50	43.125	33.375	21.625	13.750	32.000		
11	31.50	-4.30	44.000	35.000	25.500	8.750	30.000		
12	34.50	-4.20	44.750	35.500	25.750	2.625	28.500		

SPR 50104			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-3.20	37.250	29.625	3.500	27.000	40.000	47.875	55.500
2	4.50	-3.20	38.625	31.500	7.500	21.375	37.750	46.000	54.250
3	7.50	-3.20	39.875	32.125	12.500	16.375	36.250	45.250	52.875
4	10.50	-3.20	42.000	34.375	17.250	11.750	36.375	44.375	52.500
5	13.50	-3.20	44.750	36.625	21.250	8.000	35.875	44.125	51.375
6	16.50	-3.10	46.875	38.875	25.875	2.875	32.875	41.875	48.750
7	19.50	-3.00	47.500	39.000	30.500	2.500	26.875	40.250	46.875
8	22.50	-3.00	49.000	40.125	32.375	8.500	21.250	38.625	45.750
9	25.50	-2.90	51.000	41.875	34.000	13.750	17.625	37.125	44.625
10	28.50	-2.80	52.375	43.375	35.500	18.500	13.250	36.750	43.875
11	31.50	-2.70	54.000	45.625	37.750	23.875	8.875	36.375	42.750
12	34.50	-2.60	56.000	47.500	40.000	28.250	2.500	33.500	41.250

SPR 50105			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	2.50	-2.20	37.875	5.500	36.500	51.875	69.000		
2	7.50	-2.00	40.250	14.375	34.125	49.625	67.250		
3	12.50	-1.90	42.750	20.875	28.000	47.125	64.375		
4	17.50	-1.80	45.125	29.000	21.750	44.875	61.625		
5	22.50	-1.70	47.500	36.000	13.625	42.125	58.625		
6	27.50	-1.60	49.625	37.625	5.750	37.250	53.750		
7	32.50	-1.50	52.375	39.000	5.250	34.875	51.125		
8	37.50	-1.40	54.125	40.625	12.875	31.750	47.625		
9	42.50	-1.30	56.250	43.875	20.000	28.250	45.625		
10	47.50	-1.20	59.000	45.875	28.500	20.500	43.750		
11	52.50	-1.10	63.375	49.250	33.500	13.500	40.750		
12	57.50	-0.90	67.875	52.500	35.500	6.500	38.125		

SPR 50106			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-0.70	36.250	26.000	3.125	27.875	38.875	48.375	60.500
2	4.50	-0.70	38.375	27.500	11.125	25.000	37.500	46.375	58.750
3	7.50	-0.70	40.125	29.625	15.500	19.375	36.750	45.375	57.750
4	10.50	-0.70	42.875	31.875	21.625	14.625	35.875	44.500	56.500
5	13.50	-0.70	45.250	33.750	25.625	8.750	34.125	42.625	54.000
6	16.50	-0.50	47.250	35.750	27.375	3.000	34.250	41.625	52.875
7	19.50	-0.40	48.750	36.000	28.000	3.125	29.875	39.875	51.125
8	22.50	-0.20	51.625	38.250	29.875	9.750	24.625	39.500	49.625
9	25.50	0.10	53.375	41.250	32.125	16.375	19.625	38.625	49.000
10	28.50	0.30	55.125	43.125	34.250	20.750	13.875	38.250	48.250
11	31.50	0.50	58.250	45.000	36.125	25.125	9.500	34.875	47.625
12	34.50	0.70	60.500	47.375	38.500	30.000	3.375	29.500	45.875

SPR 50107			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	6.20	41.375	25.875	4.500	27.250	36.500	46.750	55.875
2	4.50	6.20	42.625	27.250	11.375	24.875	35.125	44.875	54.000
3	7.50	6.20	45.000	30.500	17.125	22.750	33.875	43.875	52.625
4	10.50	6.20	46.625	31.625	21.125	19.750	32.500	42.625	51.125
5	13.50	6.20	48.500	34.000	24.625	11.625	31.750	42.000	49.750
6	16.50	6.30	50.625	36.250	27.625	4.750	28.250	40.125	47.875
7	19.50	6.40	51.875	36.750	29.125	4.500	25.500	37.375	45.000
8	22.50	6.50	53.000	37.500	30.125	12.000	23.500	35.125	43.500
9	25.50	6.60	54.875	39.000	32.375	19.000	21.500	34.000	42.375
10	28.50	6.70	56.500	40.125	34.125	21.875	17.500	32.875	41.375
11	31.50	6.80	57.500	41.250	35.000	23.500	9.750	31.250	40.375
12	34.50	6.90	59.375	43.125	37.875	26.250	3.125	30.000	39.500

SPR 50108			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	10.50	45.250	31.000	5.750	29.250	44.750	57.500	65.250
2	4.50	10.60	46.625	33.250	14.625	26.375	42.875	55.500	63.375
3	7.50	10.60	48.375	35.875	20.875	24.125	40.125	53.500	60.875
4	10.50	10.70	50.500	38.875	24.000	20.625	38.250	51.875	59.500
5	13.50	10.70	52.375	41.875	26.625	13.750	36.500	50.000	58.000
6	16.50	10.80	53.750	43.250	29.625	5.125	33.875	48.000	55.750
7	19.50	10.90	55.250	44.875	32.125	5.375	32.375	47.000	54.625
8	22.50	10.90	56.875	46.625	35.375	13.875	29.750	45.625	53.250
9	25.50	11.00	59.000	49.125	38.625	21.500	25.500	44.625	52.750
10	28.50	11.00	60.000	51.000	41.125	26.375	20.875	42.875	51.250
11	31.50	11.10	62.000	52.500	43.000	28.875	12.375	41.125	49.625
12	34.50	11.20	66.500	54.750	45.250	31.875	4.000	38.625	48.375

แนวการวัดที่ 6

แนวการวัดย่อยที่ 601

SPR 60101			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-1.30	40.750	35.250	3.625	31.375	39.375	46.250	51.750
2	4.50	-1.30	40.750	35.875	11.000	28.375	37.250	44.250	49.500
3	7.50	-1.40	41.750	36.625	17.625	25.375	35.875	42.750	48.125
4	10.50	-1.40	41.875	36.750	23.500	18.500	35.125	41.125	46.875
5	13.50	-1.40	43.500	39.125	27.625	11.875	34.875	41.375	47.250
6	16.50	-1.40	45.125	42.000	31.250	3.250	34.875	42.500	46.750
7	19.50	-1.40	48.500	44.375	34.750	3.250	33.750	41.625	46.875
8	22.50	-1.40	48.375	46.750	36.375	12.750	30.625	40.750	45.500
9	25.50	-1.40	50.125	46.500	37.375	21.125	26.750	40.250	44.375
10	28.50	-1.40	51.125	47.125	39.375	28.250	21.000	37.250	44.750
11	31.50	-1.40	51.500	46.875	39.875	31.750	13.000	35.375	43.625
12	34.50	-1.30	51.750	48.375	41.000	33.625	3.000	35.250	41.500

SPR 60102			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-3.00	46.500	35.625	4.625	27.250	48.250	47.500	56.625
2	4.50	-3.30	48.625	38.875	11.625	24.375	47.750	47.000	55.500
3	7.50	-3.60	46.750	38.875	16.875	21.500	44.500	46.750	55.000
4	10.50	-3.80	49.000	39.875	22.000	16.375	42.500	45.000	54.375
5	13.50	-4.10	50.125	41.750	25.125	11.125	40.625	44.500	53.375
6	16.50	-4.30	51.750	42.750	35.250	2.250	36.625	44.250	52.625
7	19.50	-4.50	54.875	45.250	38.250	2.250	32.250	44.000	52.250
8	22.50	-4.80	55.750	46.625	40.750	11.750	27.500	41.625	51.250
9	25.50	-5.00	56.500	47.125	41.250	16.750	23.500	39.750	46.125
10	28.50	-5.20	57.125	47.500	44.250	22.000	18.125	38.000	45.625
11	31.50	-5.50	58.625	48.000	44.500	27.875	11.000	28.500	41.250
12	34.50	-5.70	59.125	48.500	45.125	32.375	2.000	24.000	39.375

SPR 60103			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-10.30	25.250	20.250	4.375	33.250	33.500	38.500	40.625
2	4.50	-10.20	25.750	21.125	12.250	30.625	33.375	38.375	40.125
3	7.50	-10.00	26.250	22.750	19.000	23.750	33.000	38.250	40.000
4	10.50	-9.80	29.500	23.250	19.500	19.000	32.750	37.750	40.875
5	13.50	-9.70	30.625	24.625	20.625	12.000	32.500	37.500	40.000
6	16.50	-9.50	31.250	26.500	23.375	3.375	32.375	37.375	40.625
7	19.50	-9.30	35.500	30.125	25.250	3.875	30.500	37.125	41.125
8	22.50	-9.20	36.375	31.250	27.250	11.125	27.125	36.875	39.875
9	25.50	-9.00	36.000	31.750	27.750	18.500	21.125	36.500	38.500
10	28.50	-8.80	40.250	34.125	29.250	23.500	16.625	36.250	40.750
11	31.50	-8.60	41.750	36.500	30.000	27.375	10.125	38.500	40.125
12	34.50	-8.40	42.750	37.500	32.500	32.000	3.500	32.875	39.625

SPREAD 604			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-3.00	23.750	18.625	2.625	20.500	25.625	28.500	30.625
2	4.50	-2.90	24.375	19.000	10.000	18.875	23.625	26.375	28.750
3	7.50	-2.80	25.625	20.375	13.500	20.125	25.375	28.000	30.500
4	10.50	-2.70	27.875	22.500	16.000	19.375	25.125	27.875	30.250
5	13.50	-2.60	29.250	23.750	17.750	14.875	24.875	27.625	29.750
6	16.50	-2.50	30.500	25.000	19.500	3.625	24.625	27.500	29.250
7	19.50	-2.40	31.250	26.125	20.250	6.375	24.125	27.250	28.875
8	22.50	-2.30	32.250	26.875	21.000	14.875	23.875	26.875	29.125
9	25.50	-2.20	33.125	28.250	22.250	18.625	22.875	26.250	28.500
10	28.50	-2.00	35.375	30.125	23.625	23.250	18.875	26.000	28.375
11	31.50	-1.80	35.750	31.000	24.750	24.625	12.750	25.125	28.000
12	34.50	-1.70	36.500	31.500	22.750	25.250	3.750	24.375	27.125

SPR 60105			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.500	7.700	23.250	21.125	3.750	32.500	27.875	35.750	38.250
2	4.500	7.900	23.750	21.625	11.000	30.875	27.125	34.875	37.625
3	7.500	8.100	24.250	22.250	19.000	25.000	26.625	34.250	37.000
4	10.500	8.400	25.500	23.500	24.500	19.500	26.000	33.875	36.375
5	13.500	8.600	26.000	24.250	27.375	11.500	25.750	33.250	35.875
6	16.500	8.900	26.625	24.875	31.125	3.500	25.250	32.875	35.125
7	19.500	9.200	27.125	25.500	28.000	3.500	24.000	32.375	34.250
8	22.500	9.400	27.500	26.000	28.625	10.375	21.875	30.250	32.125
9	25.500	9.700	26.125	24.500	28.125	17.750	20.500	28.625	31.125
10	28.500	9.900	26.375	24.875	27.500	24.500	15.750	26.875	29.750
11	31.500	10.200	26.875	25.000	28.000	30.375	10.625	25.875	29.000
12	34.500	10.500	27.375	25.500	29.375	32.500	2.625	25.250	28.250

แนวการวัดย่อยที่ 602

SPR 60201			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-4.00	43.000	3.125	34.870	63.370	68.120	70.620	
2	4.50	-4.10	48.250	8.625	29.120	56.750	66.870	69.250	
3	7.50	-4.20	53.625	16.750	21.620	51.370	65.750	68.620	
4	10.50	-4.30	57.375	22.870	15.250	45.500	64.000	67.000	
5	13.50	-4.40	58.000	28.000	8.875	40.750	62.870	66.120	
6	16.50	-4.50	58.875	34.250	3.125	35.370	60.750	65.250	
7	19.50	-4.50	59.625	38.370	3.250	32.370	58.000	64.500	
8	22.50	-4.60	60.250	42.000	9.250	28.000	54.500	63.370	
9	25.50	-4.70	61.000	46.250	14.370	21.120	50.620	62.870	
10	28.50	-4.70	61.750	51.500	19.620	14.750	47.000	62.120	
11	31.50	-4.80	62.625	55.870	25.620	8.125	44.620	61.250	
12	34.50	-4.80	63.375	59.120	33.120	2.500	39.120	60.500	

SPR 60202			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-10.90	51.500	33.370	3.000	32.750	55.500	58.250	58.750
2	4.50	-10.70	54.250	38.000	9.375	26.000	55.000	57.750	56.250
3	7.50	-10.50	55.250	43.870	15.120	19.500	54.620	57.500	57.000
4	10.50	-10.40	56.370	48.000	20.500	13.370	56.120	57.250	58.370
5	13.50	-10.10	58.620	51.250	27.250	7.500	52.370	57.000	57.620
6	16.50	-9.90	57.750	52.120	33.500	1.750	45.870	56.250	57.000
7	19.50	-9.70	58.370	52.870	41.370	1.875	40.370	55.750	56.620
8	22.50	-9.50	60.120	54.370	49.750	7.500	33.750	68.620	56.370
9	25.50	-9.30	60.250	54.870	51.750	13.370	27.120	65.500	56.000
10	28.50	-9.00	61.620	55.250	53.250	20.370	14.000	58.250	55.870
11	31.50	-8.80	63.250	56.370	54.500	32.620	8.375	53.750	55.370
12	34.50	-8.60	63.750	57.620	55.000	39.870	2.500	46.120	54.870

SPR 60203			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-10.90	25.250	26.500	2.875	29.370	41.870	42.370	55.000
2	4.50	-10.60	25.620	27.000	9.750	26.750	40.750	42.500	54.120
3	7.50	-10.40	26.000	27.500	19.250	23.370	40.620	42.500	53.870
4	10.50	-10.20	27.870	29.000	24.620	18.370	40.250	42.370	53.250
5	13.50	-9.90	28.500	30.620	27.000	10.500	39.750	42.120	52.870
6	16.50	-9.70	28.750	31.120	29.000	2.375	38.750	41.120	52.000
7	19.50	-9.60	30.500	32.370	31.250	2.375	37.500	40.500	51.370
8	22.50	-9.40	32.250	33.370	33.000	12.370	33.620	40.000	50.750
9	25.50	-9.30	33.870	35.750	34.620	19.750	28.000	37.870	50.000
10	28.50	-9.20	35.000	35.250	35.620	25.750	20.750	38.000	49.370
11	31.50	-8.90	37.500	36.620	37.500	31.250	10.120	39.120	50.000
12	34.50	-8.70	40.750	40.620	39.620	36.120	2.875	37.750	49.500

SPR 60204			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-4.20	45.875	41.000	4.250	31.625	45.875	46.375	46.875
2	4.50	-4.10	46.500	41.750	11.125	28.250	44.000	46.000	46.250
3	7.50	-3.90	47.125	42.750	19.750	25.750	41.750	45.625	45.625
4	10.50	-3.70	47.375	43.500	26.375	18.250	39.875	45.375	44.875
5	13.50	-3.50	47.875	43.750	30.625	10.000	37.875	44.750	44.375
6	16.50	-3.50	48.250	44.500	33.125	2.875	36.250	43.875	43.750
7	19.50	-3.30	49.375	45.125	36.625	2.750	35.125	43.250	43.250
8	22.50	-3.30	49.875	45.750	40.000	9.875	32.750	42.625	42.750
9	25.50	-3.30	50.250	46.375	41.500	19.125	31.375	41.500	42.250
10	28.50	-3.20	51.125	47.250	43.500	29.875	23.750	41.000	41.875
11	31.50	-3.30	52.250	48.000	44.875	32.125	12.125	40.500	41.375
12	34.50	-3.30	52.750	48.500	46.500	34.875	3.625	40.125	41.000

SPR 60205			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-7.10	49.375	36.000	4.125	34.000	51.875	62.000	64.750
2	4.50	-7.20	50.625	39.500	12.875	31.250	49.750	61.000	64.125
3	7.50	-7.40	52.750	42.000	22.125	27.875	45.750	60.000	63.625
4	10.50	-7.50	54.375	44.625	28.500	22.750	42.250	58.500	63.000
5	13.50	-7.70	56.000	46.500	31.125	14.125	39.125	56.875	62.500
6	16.50	-7.90	58.000	48.500	34.500	4.500	37.250	55.000	61.750
7	19.50	-8.10	60.250	50.875	38.000	4.625	34.875	53.500	61.125
8	22.50	-8.30	61.500	52.500	41.500	14.750	31.375	50.000	60.750
9	25.50	-8.60	63.125	55.000	45.375	24.875	27.875	47.125	60.375
10	28.50	-8.80	63.875	56.125	47.750	29.125	21.625	43.500	58.500
11	31.50	-9.10	64.250	57.250	50.375	32.500	12.875	41.500	57.000
12	34.50	-9.40	65.000	58.125	53.125	34.875	3.500	37.750	54.125

SPR 60206			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-9.70	54.125	37.000	2.750	34.750	52.500	61.000	62.875
2	4.50	-10.00	56.125	40.375	10.750	31.125	51.875	60.125	62.125
3	7.50	-10.30	57.000	43.500	20.625	27.125	50.125	58.625	61.500
4	10.50	-10.60	57.875	46.375	27.500	21.500	47.500	57.875	61.375
5	13.50	-11.00	60.125	50.125	30.500	16.250	44.625	56.875	60.875
6	16.50	-11.40	61.500	52.875	34.000	3.500	43.000	55.750	60.125
7	19.50	-11.80	62.000	55.625	37.250	3.125	41.000	54.375	59.625
8	22.50	-12.20	62.625	57.875	41.000	14.750	37.125	52.625	59.000
9	25.50	-12.60	63.500	59.250	44.625	23.125	31.500	49.875	58.250
10	28.50	-13.00	64.000	60.000	48.250	30.625	23.625	47.500	57.625
11	31.50	-13.40	64.625	60.625	50.750	36.375	11.125	45.500	56.125
12	34.50	-13.70	65.250	61.125	52.250	38.750	3.750	43.500	55.250

SPR 60207			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-14.10	54.000	42.250	4.625	40.250	55.750	60.875	64.000
2	4.50	-14.50	55.375	45.000	14.375	35.750	52.750	58.875	63.000
3	7.50	-14.90	56.625	47.625	23.000	29.625	49.750	57.750	61.250
4	10.50	-15.20	57.375	49.125	29.500	20.750	46.875	55.750	60.125
5	13.50	-15.50	58.500	51.500	35.500	11.750	44.000	54.625	59.250
6	16.50	-15.70	59.375	53.625	39.500	4.375	40.750	53.500	58.125
7	19.50	-16.10	60.000	54.500	41.750	3.250	37.875	52.500	56.750
8	22.50	-16.30	60.625	56.000	45.750	11.750	35.500	51.500	55.875
9	25.50	-16.50	61.125	57.250	48.500	25.500	31.875	49.375	54.625
10	28.50	-16.70	62.000	58.625	51.000	31.125	21.500	47.750	53.750
11	31.50	-17.00	62.375	59.500	53.000	34.750	12.000	45.125	52.625
12	34.50	-17.30	63.000	60.875	55.375	37.875	3.625	41.875	51.250

SPR 60208			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-17.60	55.500	42.000	3.500	38.250	49.500	52.250	57.875
2	4.50	-17.80	56.625	45.875	12.500	35.625	47.875	51.375	56.750
3	7.50	-18.10	57.000	47.500	25.250	31.500	46.750	49.625	55.875
4	10.50	-18.20	57.500	49.750	31.125	23.250	45.250	48.625	55.000
5	13.50	-18.50	58.375	51.000	35.375	11.375	44.000	47.625	54.000
6	16.50	-18.70	59.125	52.875	38.625	3.250	42.125	46.375	53.750
7	19.50	-19.00	59.875	53.750	41.875	2.625	39.125	45.250	52.500
8	22.50	-19.20	60.500	54.875	44.875	10.125	35.250	43.125	51.000
9	25.50	-19.40	60.875	55.125	46.500	23.750	30.375	41.375	49.250
10	28.50	-19.70	61.625	55.625	47.125	29.500	18.625	39.125	47.000
11	31.50	-20.00	62.000	56.500	48.375	35.750	10.625	37.625	45.875
12	34.50	-20.20	62.750	57.000	49.750	39.375	3.000	35.375	43.625

SPR 60209			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-20.40	49.625	40.875	3.250	32.500	40.500	40.500	53.375
2	4.50	-20.60	50.250	42.000	11.625	29.875	38.500	38.500	51.125
3	7.50	-20.70	51.250	43.375	21.000	26.750	36.875	36.875	49.875
4	10.50	-20.80	52.500	44.625	27.750	20.250	34.750	34.750	48.000
5	13.50	-20.90	52.750	45.500	32.500	10.625	33.000	33.000	46.875
6	16.50	-21.00	53.125	46.000	33.625	3.000	31.000	31.000	45.750
7	19.50	-21.10	53.875	46.500	34.875	3.000	28.375	28.375	43.500
8	22.50	-21.20	54.500	47.750	36.375	11.625	25.750	25.750	42.625
9	25.50	-21.30	55.125	48.500	37.375	19.750	21.875	21.875	40.000
10	28.50	-21.40	55.875	49.250	38.500	23.750	17.750	17.750	38.750
11	31.50	-21.60	56.250	49.750	39.250	25.875	8.375	8.375	36.375
12	34.50	-21.60	57.375	50.625	40.500	27.875	2.375	2.375	34.000

SPR 60210			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-21.70	49.250	36.000	6.375	30.000	43.750	49.750	60.500
2	4.50	-21.90	50.875	40.250	15.375	27.500	42.625	48.875	59.250
3	7.50	-22.00	52.750	41.625	21.000	23.375	41.000	47.625	58.000
4	10.50	-22.10	55.000	43.875	25.000	20.500	40.500	46.750	56.875
5	13.50	-22.10	56.375	45.500	27.875	16.500	37.625	45.500	55.375
6	16.50	-22.10	57.125	46.250	30.000	3.750	33.625	43.625	53.875
7	19.50	-22.10	58.000	47.000	32.250	3.250	29.875	41.750	52.000
8	22.50	-22.20	59.625	48.250	35.375	11.250	27.250	39.875	50.875
9	25.50	-22.30	60.875	49.000	37.125	18.500	24.000	38.625	49.500
10	28.50	-22.30	61.875	51.125	39.125	21.875	17.875	37.000	48.000
11	31.50	-22.40	62.250	52.875	40.500	24.750	11.875	34.500	46.000
12	34.50	-22.50	63.750	53.750	41.875	27.875	4.125	32.875	44.500

SPR 60211			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-22.50	43.625	33.125	3.500	29.875	41.625	52.375	58.875
2	4.50	-22.50	45.000	36.000	11.125	27.875	40.250	50.375	57.250
3	7.50	-22.50	45.875	37.500	18.125	22.000	38.875	48.750	55.125
4	10.50	-22.50	46.625	38.250	23.875	16.250	37.500	47.500	54.625
5	13.50	-22.50	47.375	39.125	27.250	9.250	36.750	46.375	53.125
6	16.50	-22.50	48.625	40.875	30.625	2.250	35.875	45.875	52.625
7	19.50	-22.50	50.250	42.500	32.500	2.375	30.000	45.000	51.875
8	22.50	-22.50	51.875	44.000	34.000	9.375	25.000	44.125	50.875
9	25.50	-22.50	53.875	45.375	35.875	16.125	20.625	43.750	50.000
10	28.50	-22.60	54.625	46.500	36.250	20.125	14.375	41.875	48.000
11	31.50	-22.60	56.500	48.125	38.000	24.625	8.625	41.250	47.125
12	34.50	-22.70	57.625	49.875	39.250	33.250	3.000	38.500	45.875

SPR 60212			SP A	SP B	SP C	SP D	SP E	SP F	SP G
Geo/SP	X-Loc(m)	Elev(m)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)	T(ms)
1	1.50	-22.60	44.500	38.625	2.750	34.125	44.375	51.250	59.250
2	4.50	-22.70	45.625	40.000	10.125	27.875	43.625	50.375	58.000
3	7.50	-22.80	46.500	39.250	18.375	22.375	40.750	48.625	55.875
4	10.50	-22.80	47.500	40.500	26.625	17.000	40.250	47.875	54.875
5	13.50	-22.90	48.875	41.750	31.375	10.500	39.125	47.000	53.750
6	16.50	-22.90	50.500	43.625	35.125	3.375	39.000	45.875	53.250
7	19.50	-22.90	52.000	45.000	37.500	2.625	35.500	44.625	52.000
8	22.50	-22.90	53.750	47.250	39.250	7.250	30.750	43.750	51.125
9	25.50	-23.00	55.125	47.875	40.875	12.500	23.875	42.500	50.000
10	28.50	-23.00	56.375	49.500	42.500	22.000	15.125	41.625	48.750
11	31.50	-23.10	57.000	50.500	43.625	26.000	10.125	39.875	47.000
12	34.50	-23.10	58.250	52.500	44.750	33.125	2.125	38.250	45.625