C3 ENVIRONMENTAL (A DIVISION OF CANADIAN CONSTRUCTION CONTROLS LIMITED)

WATERLOO BARRIERTM SYSTEM

APPENDIX E: SHEET PILE DRIVING LOGS

VENUS MINE SITE
TAILINGS POND
KM 86 - KLONDIKE HIGHWAY, YUKON TERRITORY
D.P.W. PROJECT # 626483

OCTOBER 16th, 1995

APPENDIX E: SHEET PILE DRIVING LOGS

Enclosed are the driving logs for the Waterloo BarrierTM Sheet Pile Installation.

The following must be noted:

- Pile #6 was replaced after it was damaged on a large boulder during driving.
- Due to obstructions, piles #0-6 & #186-342 were installed by excavating and installing the sheet piling as close to full depth as possible.

(NOTE: Computer generated sheet pile depth output is rounded to the first decimal place.)

SHEET PILE ID: 7				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
02-Sep-95	0.0	08:44:43 AM	START DRIVING PILE #7	
	0.3	08:46:43 AM		
	0.6	08:47:41 AM	MOVE TO PILE #6	
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SHEET PILE ID: 8			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	07:42:49 AM	START DRIVING PILE #8
	0.3	07:44:15 AM	
	0.6	07:46:04 AM	MOVE TO PILE #9
	0.6	08:43:13 AM	MOVE TO PILE #7
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SHEET PILE ID: 9			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	07:46:49 AM	STOP FOR ADJUSTMENT
	0.3	07:49:51 AM	·
	0.6	07:50:14 AM	
	0.9	07:51:18 AM	MOVE TO PILE #10
	0.9	08:39:44 AM	START DRIVING PILE #9
	1.2	08:39:57 AM	
	1.5	08:40:59 AM	
	1.8	08:42:09 AM	MOVE TO PILE #8
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SHEET PILE I	D:	10	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	07:54:17 AM	START DRIVING PILE #10
	0.3	07:54:59 AM	
	0.6	07:56:48 AM	
	0.9	07:57:56 AM	MOVE TO PILE #11
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SHEET PILE ID: 11				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
2-Sep-95	0.0	08:09:24 AM	START DRIVING PILE #11	
	0.3	08:09:29 AM		
	0.3	08:10:23 AM		
	0.9	08:12:07 AM		
	1.2	08:13:46 AM	MOVE TO PILE #12	
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SHEET PILE	D:	12	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	08:15:48 AM	START DRIVING PILE #12
	0.3	08:15:53 AM	
	0.6	08:16:04 AM	
	0.9	08:16:25 AM	
	1.2	08:17:20 AM	
	1.5	08:18:07 AM	MOVE TO PILE #13
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SHEET PILE I	D:	13	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	08:24:49 AM	START DRIVING PILE #13
	0.3	08:24:54 AM	
	0.6	08:24:59 AM	
	0.9	08:25:12 AM	
	1.2	08:25:35 AM	
	1.5	08:26:23 AM	MOVE TO PILE #14
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I	D:	14	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	08:27:45 AM	START DRIVING PILE #14
	0.3	08:28:05 AM	
	0.6	08:28:17 AM	
	0.9	08:28:30 AM	
	1.2	08:28:49 AM	
	1.5	08:29:56 AM	MOVE TO PILE #15
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SHEET PILE I	D:	15	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	08:31:53 AM	START DRIVING PILE #15
	0.3	08:31:58 AM	
	0.6	08:32:10 AM	
	0.9	08:32:23 AM	
	1.2	08:32:49 AM	
	1.5	08:33:15 AM	MOVE TO PILE #16
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 16 DATE DEPTH (m) TIME			OPERATIONAL REMARKS
			
02-Sep-95	0.0	08:35:40 AM	START DRIVING PILE #16
	0.3	08:35:50 AM	
· · · · · · · · · · · · · · · · · · ·	0.6	08:36:03 AM	
	0.9	08:36:16 AM	
	1.2	08:36:32 AM	
	1.5	08:37:12 AM	MOVE TO PILE #9
	1.5	08:56:34 AM	START DRIVING PILE #16
	1.8	08:56:51 AM	
·	2.1	08:57:02 AM	
	2.4	08:57:17 AM	
	2.7	08:57:27 AM	
	3.0	08:57:55 AM	MOVE TO PILE #17
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D:	17	
DEPTH (m)	TIME	OPERATIONAL REMARKS
0.0	08:58:55 AM	START DRIVING PILE #17
0.3	08:59:04 AM	
0.6	08:59:21 AM	
0.9	08:59:39 AM	
1.2	08:59:56 AM	
1.5	09:00:13 AM	
1.8	09:00:39 AM	
2.1	09:01:05 AM	
2.4	09:01:40 AM	
2.7	09:02:14 AM	MOVE TO PILE #18
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	0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4	DEPTH (m) TIME 0.0 08:58:55 AM 0.3 08:59:04 AM 0.6 08:59:21 AM 0.9 08:59:39 AM 1.2 08:59:56 AM 1.5 09:00:13 AM 1.8 09:00:39 AM 2.1 09:01:05 AM 2.4 09:01:40 AM 2.7 09:02:14 AM

SHEET PILE	D:	18	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	09:03:06 AM	START DRIVING PILE #18
	0.3	09:03:15 AM	
	0.6	09:03:32 AM	
	0.9	09:03:49 AM	
	1.2	09:04:07 AM	
	1.5	09:04:32 AM	
	1.8	09:04:58 AM	
	2.1	09:05:33 AM	
	2.4	09:06:07 AM	
	2.7	09:06:51 AM	SET UP PILES
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HEET PILE ID: 19 DATE DEPTH (m) TIME			OPERATIONAL REMARKS
	0.0	01:32:18 PM	START DRIVING PILE #19
)2-Sep-95	0.0	01:32:18 PM 01:32:20 PM	START DRIVING PILE #19
			
	0.6	01:32:48 PM	
	0.9	01:33:19 PM	OTOD FOR AR HISTAFAIT
· · · · · · · · · · · · · · · · · · ·	1.2	01:33:56 PM	STOP FOR ADJUSTMENT
	1.2	01:45:41 PM	
	1.5	01:45:53 PM	
	1.8	01:46:20 PM	OTOD FOR AR HIGHERT
	2.1	01:46:39 PM	STOP FOR ADJUSTMENT
	2.1	01:47:32 PM	MOVE TO PILE #20
-	2.1	04:56:14 PM	STOP FOR ADJUSTMENT
	2.1	05:01:24 PM	
	2.4	05:01:29 PM	MOVE TO PILE #21
	2.4	07:34:33 PM	START DRIVING PILE #19
	2.7	07:35:53 PM	
	3.0	07:36:47 PM	
	3.4	07:37:35 PM	
	3.7	07:37:54 PM	
	4.0	07:37:55 PM	
	4.3	07:38:54 PM	
	4.6	07:40:12 PM	MOVE TO PILE #20
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HEET PILE ID: 20			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	02:11:54 PM	START DRIVING PILE #20
	0.3	02:11:58 PM	STOP FOR ADJUSTMENT
	0.3	02:13:17 PM	
	0.6	02:13:44 PM	
	0.9	02:14:03 PM	
	1.2	02:14:43 PM	
	1.5	02:14:58 PM	
	1.8	02:15:06 PM	
	2.1	02:15:19 PM	
	2.4	02:16:15 PM	MOVE TO PILE #21
	2.4	07:43:29 PM	START DRIVING PILE #20
	2.7	07:44:09 PM	
	3.0	07:44:43 PM	
	3.4	07:45:33 PM	
	3.7	07:46:48 PM	
	4.0	07:48:07 PM	
	4.3	07:49:10 PM	
	4.6	07:50:19 PM	STOP FOR ADJUSTMENT
	4.6	07:54:23 PM	MOVE TO PILE #21
03-Sep-95	4.6	09:08:40 AM	STOP FOR ADJUSTMENT
	4.6	09:08:49 AM	MOVE TO PILE #21
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SHEET PILE ID: 21			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	02:23:14 PM	START DRIVING PILE #21
	0.3	02:25:48 PM	
	0.6	02:25:53 PM	
	0.9	02:26:47 PM	
	1.2	02:27:07 PM	
	1.5	02:27:37 PM	
-	1.8	02:28:40 PM	MOVE TO PILE #22
	1.8	05:01:59 PM	STOP FOR ADJUSTMENT
	1.8	05:04:47 PM	MOVE TO PILE #22
	1.8	07:56:21 PM	START DRIVING PILE #21
	2.1	07:58:18 PM	
	2.4	07:59:07 PM	
	2.7	08:00:08 PM	STOP FOR ADJUSTMENT
	2.7	08:02:47 PM	
	3.0	08:03:07 PM	MOVE TO PILE #22
03-Sep-95	3.0	09:09:14 AM	START DRIVING PILE #21
	3.4	09:11:47 AM	MOVE TO PILE #22
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SHEET PILE ID: 22			ODERATIONAL DEMARKS
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	02:36:01 PM	START DRIVING PILE #22
	0.3	02:36:07 PM	
	0.6	02:37:24 PM	
	0.9	02:37:46 PM	STOP FOR ADJUSTMENT
	0.9	02:38:41 PM	
	1.2	02:39:05 PM	*****
	1.5	02:39:14 PM	
	1.8	02:39:24 PM	MOVE TO PILE #23
	1.8	08:04:42 PM	START DRIVING PILE #22
	2.1	08:05:32 PM	
	2.4	08:06:26 PM	
	2.7	08:07:09 PM	
······································	3.0	08:07:59 PM	MOVE TO PILE #23
03-Sep-95	3.0	09:15:25 AM	START DRIVING PILE #22
	3.4	09:15:58 AM	
	3.7	09:17:10 AM	MOVE TO PILE #23
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0.0	TIME	OPERATIONAL REMARKS
0.0		
	02:55:08 PM	START DRIVING PILE #23
0.3	02:55:15 PM	STOP FOR ADJUSTMENT
0.3	02:56:26 PM	
	 	
0.9	<u> </u>	STOP FOR ADJUSTMENT
0.9	02:57:26 PM	
1.2	02:57:52 PM	
1.5	02:58:35 PM	MOVE TO PILE #24
1.5	05:30:19 PM	START DRIVING PILE #23
1.8	05:30:55 PM	MOVE TO PILE #24
1.8	08:10:05 PM	START DRIVING PILE #23
2.1	08:10:38 PM	
2.4	08:11:02 PM	
2.7	08:12:23 PM	
3.0	08:12:47 PM	MOVE TO PILE #24
3.0	09:20:00 AM	START DRIVING PILE #23
3.4	09:20:21 AM	
3.7	09:21:03 AM	
4.0	 	
4.3	 	MOVE TO PILE #24
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	1.2 1.5 1.5 1.8 1.8 2.1 2.4 2.7 3.0 3.0 3.4 3.7	0.9 02:56:55 PM 0.9 02:57:26 PM 1.2 02:57:52 PM 1.5 02:58:35 PM 1.5 05:30:19 PM 1.8 05:30:55 PM 1.8 08:10:05 PM 2.1 08:10:38 PM 2.4 08:11:02 PM 2.7 08:12:23 PM 3.0 08:12:47 PM 3.0 09:20:00 AM 3.4 09:20:21 AM 3.7 09:21:03 AM 4.0 09:22:17 AM

SHEET PILE ID: 24			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	03:05:02 PM	START DRIVING PILE #24
	0.3	03:05:21 PM	
	0.6	03:05:34 PM	
	0.9	03:05:48 PM	
	1.2	03:06:13 PM	
	1.5	03:06:34 PM	MOVE TO PILE #25
	1.5	05:34:17 PM	START DRIVING PILE #24
	1.8	05:34:49 PM	MOVE TO PILE #25
	1.8	08:14:40 PM	START DRIVING PILE #24
	2.1	08:15:27 PM	
	2.4	08:15:47 PM	
	2.7	08:16:06 PM	
	3.0	08:16:31 PM	MOVE TO PILE #25
03-Sep-95	3.0	09:25:49 AM	START DRIVING PILE #24
	3.4	09:25:59 AM	
	3.7	09:26:31 AM	
	4.0	09:27:20 AM	
	4.3	09:28:14 AM	
	4.6	09:29:05 AM	MOVE TO PILE #25
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SHEET PILE I	D:	25	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	03:15:07 PM	START DRIVING PILE #25
	0.3	03:15:15 PM	
	0.6	03:15:46 PM	
	0.9	03:16:02 PM	STOP FOR ADJUSTMENT
	0.9	03:16:52 PM	
	1.2	03:17:23 PM	MOVE TO PILE #26
	1.2	05:36:16 PM	START DRIVING PILE #25
	1.5	05:36:49 PM	MOVE TO PILE #26
	1.5	08:18:27 PM	START DRIVING PILE #25
	1.8	08:18:45 PM	
	2.1	08:19:05 PM	
	2.4	08:19:21 PM	
	2.7	08:19:40 PM	MOVE TO PILE #26
03-Sep-95	2.7	09:31:17 AM	START DRIVING PILE #25
	3.0	09:31:29 AM	
	3.4	09:32:07 AM	
	3.7	09:32:41 AM	
	4.0	09:33:32 AM	
	4.3	09:34:52 AM	MOVE TO PILE #26
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SHEET PILE I	D:	26	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	04:16:30 PM	START DRIVING PILE #26
	0.3	04:16:37 PM	
	0.6	04:17:14 PM	STOP FOR ADJUSTMENT
	0.6	04:18:37 PM	
	0.9	04:18:44 PM	
	1.2	04:18:59 PM	
	1.5	04:19:16 PM	MOVE TO PILE #27
	1.5	05:38:29 PM	
	1.8	05:38:57 PM	MOVE TO PILE #27
	1.8	08:22:44 PM	START DRIVING PILE #26
	2.1	08:23:23 PM	
	2.4	08:23:54 PM	
	2.7	08:24:23 PM	
	3.0	08:24:48 PM	MOVE TO PILE #27
03-Sep-95	3.0	09:37:39 AM	START DRIVING PILE #26
	3.4	09:38:00 AM	
	3.7	09:38:57 AM	
	4.0	09:40:01 AM	
	4.3	09:41:21 AM	,
	4.6	09:42:55 AM	
	4.9	09:45:36 AM	
	5.2	09:46:59 AM	MOVE TO PILE #29
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SHEET PILE ID: 27			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	04:24:13 PM	START DRIVING PILE #27
	0.3	04:24:24 PM	
	0.6	04:24:52 PM	
	0.9	04:25:08 PM	
	1.2	04:25:24 PM	
	1.5	04:25:36 PM	MOVE TO PILE #28
	1.5	05:42:20 PM	START DRIVING PILE #27
	1.8	05:42:48 PM	MOVE TO PILE #28
	1.8	08:27:22 PM	START DRIVING PILE #27
	2.1	08:27:49 PM	
	2.4	08:28:19 PM	
	2.7	08:28:41 PM	
····	3.0	08:28:58 PM	MOVE TO PILE #28
03-Sep-95	3.0	03:01:10 PM	START DRIVING PILE #27
	3.4	03:01:50 PM	
	3.7	03:02:14 PM	
	4.0	03:02:46 PM	
	4.3	03:03:32 PM	
	4.6	03:04:22 PM	
	4.9	03:05:34 PM	
	5.2	03:06:57 PM	STOP FOR ADJUSTMENT
	5.2	03:10:22 PM	MOVE TO PILE #28
09-Sep-95	5.2	08:06:57 AM	START DRIVING PILE #27
	5.5	08:13:02 AM	MOVE TO PILE #28
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SHEET PILE ID: 28				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
02-Sep-95	0.0	04:32:54 PM	START DRIVING PILE #28	
	0.3	04:33:00 PM		
	0.6	04:33:19 PM		
	0.9	04:33:40 PM		
	1.2	04:33:52 PM		
	1.5	04:34:02 PM	MOVE TO PILE #19	
	1.5	05:43:52 PM	START DRIVING PILE #28	
	1.8	05:44:30 PM		
	1.8	08:30:23 PM	START DRIVING PILE #28	
	2.1	08:31:08 PM		
	2.4	08:31:35 PM		
	2.7	08:31:48 PM		
	3.0	08:32:02 PM	STOP FOR DAY	
03-Sep-95	3.0	03:11:31 PM	START DRIVING PILE #28	
	3.4	03:11:36 PM		
	3.7	03:11:58 PM	-	
	4.0	03:12:33 PM		
	4.3	03:13:18 PM		
	4.6	03:13:52 PM		
	4.9	03:14:28 PM		
	5.2	03:15:29 PM	MOVE TO PILE #29	
09-Sep-95	5.2	08:13:17 AM	START DRIVING PILE #28	
	5.5	08:15:02 AM		
	5.8	08:16:32 AM	MOVE TO PILE #29	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	D:	29	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	09:56:32 AM	START DRIVING PILE #29
	0.3	09:57:04 AM	
	0.6	09:58:25 AM	
	0.9	09:59:14 AM	STOP FOR ADJUSTMENT
	0.9	10:00:44 AM	
	1.2	10:02:02 AM	MOVE TO PILE #30
	1.2	03:22:28 PM	START DRIVING PILE #29
	1.5	03:22:31 PM	
	1.8	03:22:35 PM	
	2.1	03:22:47 PM	
	2.4	03:23:00 PM	
	2.7	03:23:28 PM	
	3.0	03:23:57 PM	STOP FOR ADJUSTMENT
	3.0	03:28:34 PM	
	3.4	03:28:43 PM	
	3.7	03:29:24 PM	
	4.0	03:31:09 PM	
	4.3	03:32:38 PM	
· ·	4.6	03:33:53 PM	MOVE TO PILE #30
09-Sep-95	4.6	08:35:19 AM	START DRIVING PILE #29
	4.9	08:39:54 AM	MOVE TO PILE #30
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SHEET PILE I	D:	30	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	10:13:09 AM	START DRIVING PILE #30
	0.3	10:13:32 AM	
	0.6	10:14:17 AM	
	0.9	10:14:35 AM	
	1.2	10:14:53 AM	MOVE TO PILE #31
	1.2	03:38:07 PM	START DRIVING PILE #30
	1.5	03:38:46 PM	
	1.8	03:39:45 PM	·
	2.1	03:40:25 PM	
	2.4	03:41:43 PM	
	2.7	03:42:58 PM	
	3.0	03:44:24 PM	
	3.4	03:45:33 PM	
	3.7	03:46:49 PM	MOVE TO PILE #31
09-Sep-95	3.7	08:40:04 AM	START DRIVING PILE #30
	4.0	08:43:04 AM	
	4.3	08:47:33 AM	MOVE TO PILE #31
	4.3	09:45:50 AM	MOVE TO PILE #31
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

D:	31	
DEPTH (m)	TIME	OPERATIONAL REMARKS
0.0	10:21:11 AM	START DRIVING PILE #31
0.3	10:21:26 AM	
0.6	10:22:07 AM	
0.9	10:22:49 AM	
1.2	10:23:32 AM	MOVE TO PILE #32
1.2	03:49:08 PM	START DRIVING PILE #31
1.5	03:49:35 PM	
1.8	03:50:36 PM	
2.1	03:51:12 PM	
2.4	03:52:12 PM	
2.7	03:55:24 PM	STOP FOR ADJUSTMENT
2.7	03:58:30 PM	MOVE TO PILE #32
2.7	08:47:48 AM	START DRIVING PILE #31
3.0	08:50:14 AM	MOVE TO PILE #32
3.0	09:48:37 AM	MOVE TO PILE #32
3.0	10:51:33 AM	MOVE TO PILE #32
	DEPTH (m) 0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.7 2.7 2.7 3.0 3.0	DEPTH (m) TIME 0.0 10:21:11 AM 0.3 10:21:26 AM 0.6 10:22:07 AM 0.9 10:22:49 AM 1.2 10:23:32 AM 1.2 03:49:08 PM 1.5 03:49:35 PM 1.8 03:50:36 PM 2.1 03:51:12 PM 2.4 03:52:12 PM 2.7 03:58:30 PM 2.7 08:47:48 AM 3.0 08:50:14 AM 3.0 09:48:37 AM

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 32				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
03-Sep-95	0.0	10:30:02 AM	START DRIVING PILE #32	
	0.3	10:30:55 AM		
	0.6	10:31:39 AM		
	0.9	10:32:20 AM		
	1.2	10:33:28 AM	MOVE TO PILE #33	
	1.2	04:02:28 PM	START DRIVING PILE #32	
	1.5	04:02:32 PM		
	1.8	04:02:49 PM	STOP FOR ADJUSTMENT	
	1.8	04:05:00 PM		
	2.1	04:05:06 PM		
	2.4	04:05:31 PM		
	2.7	04:05:54 PM		
-	3.0	04:06:49 PM		
	3.4	04:07:33 PM	MOVE TO PILE #33	
09-Sep-95	3.4	09:00:40 AM	START DRIVING PILE #32	
•	3.7	09:04:04 AM	MOVE TO PILE #33	
	3.7	10:59:58 AM	MOVE TO PILE #33	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	33	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	10:37:54 AM	START DRIVING PILE #33
	0.3	10:38:03 AM	
	0.6	10:39:35 AM	
	0.9	10:40:37 AM	
	1.2	10:41:03 AM	MOVE TO PILE #34
	1.2	04:11:51 PM	START DRIVING PILE #33
	1.5	04:12:07 PM	
	1.8	04:12:30 PM	
	2.1	04:12:50 PM	
	2.4	04:13:14 PM	
	2.7	04:13:43 PM	
	3.0	04:14:33 PM	
	3.4	04:15:41 PM	
	3.7	04:16:51 PM	MOVE TO PILE #34
09-Sep-95	3.7	09:55:10 AM	START DRIVING PILE #33
	4.0	09:56:40 AM	MOVE TO PILE #34

C3 ENVIRONMENTAL

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 34			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	10:48:02 AM	START DRIVING PILE #34
	0.3	10:48:05 AM	
	0.6	10:48:36 AM	
	0.9	10:48:57 AM	
	1.2	10:49:21 AM	MOVE TO PILE #35
	1.2	04:20:33 PM	START DRIVING PILE #34
	1.5	04:20:42 PM	
	1.8	04:20:59 PM	
	2.1	04:21:32 PM	
	2.4	04:21:59 PM	
	2.7	04:22:32 PM	STOP FOR ADJUSTMENT
	2.7	04:27:20 PM	
	3.0	04:27:32 PM	
	3.4	04:28:34 PM	
=	3.7	04:29:45 PM	
	4.0	04:32:38 PM	MOVE TO PILE #35
09-Sep-95	4.0	09:59:55 AM	START DRIVING PILE #34
	4.3	10:02:47 AM	MOVE TO PILE #35
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SHEET PILE ID: 35			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	10:56:27 AM	START DRIVING PILE #35
	0.3	10:56:32 AM	STOP FOR ADJUSTMENT
	0.3	10:56:59 AM	
	0.6	10:57:23 AM	
	0.9	10:58:22 AM	
	1.2	10:58:38 AM	MOVE TO PILE #36
	1.2	04:35:56 PM	START DRIVING PILE #35
	1.5	04:36:02 PM	
	1.8	04:36:31 PM	
	2.1	04:37:10 PM	
	2.4	04:37:48 PM	
	2.7	04:38:43 PM	
	3.0	04:40:06 PM	STOP FOR ADJUSTMENT
	3.0	04:40:48 PM	MOVE TO PILE #36
09-Sep-95	3.0	10:03:17 AM	START DRIVING PILE #35
	3.4	10:06:06 AM	
	3.7	10:07:27 AM	MOVE TO PILE #36
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	36	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	11:49:07 AM	START DRIVING PILE #36
	0.3	11:49:14 AM	STOP FOR ADJUSTMENT
	0.3	11:50:03 AM	
	0.6	11:50:15 AM	
	0.9	11:50:45 AM	STOP FOR ADJUSTMENT
	0.9	11:54:33 AM	
	1.2	11:54:53 AM	MOVE TO PILE #37
	1.2	04:55:15 PM	STOP FOR ADJUSTMENT
	1.2	05:01:59 PM	
	1.5	05:02:28 PM	
	1.8	05:03:01 PM	
	2.1	05:03:36 PM	
	2.4	05:04:29 PM	
	2.7	05:05:15 PM	MOVE TO PILE #37
09-Sep-95	2.7	10:14:44 AM	START DRIVING PILE #36
	3.0	10:15:24 AM	STOP FOR ADJUSTMENT
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SHEET PILE I	ID:	37	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	01:29:37 PM	START DRIVING PILE #37
	0.3	01:29:46 PM	
	0.6	01:30:04 PM	STOP FOR ADJUSTMENT
	0.6	01:31:47 PM	
	0.9	01:31:56 PM	
	1.2	01:32:44 PM	MOVE TO PILE #38
	1.2	05:14:14 PM	START DRIVING PILE #37
	1.5	05:14:50 PM	STOP FOR ADJUSTMENT
	1.5	05:17:16 PM	
	1.8	05:17:24 PM	
	2.1	05:18:03 PM	
	2.4	05:19:14 PM	
	2.7	05:19:58 PM	
	3.0	05:21:31 PM	MOVE TO PILE #38
09-Sep-95	3.0	01:50:00 PM	START DRIVING PILE #37
	3.4	01:52:02 PM	
	3.4	01:57:55 PM	START DRIVING PILE #37
	3.7	02:04:29 PM	MOVE TO PILE #39
	3.7	03:39:57 PM	START DRIVING PILE #37
	4.0	03:42:07 PM	MOVE TO PILE #38

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	01:45:00 PM	STOP FOR ADJUSTMENT
	0.0	01:47:08 PM	
-	0.3	01:47:14 PM	
	0.6	01:47:53 PM	
	0.9	01:48:18 PM	
	1.2	01:48:43 PM	MOVE TO PILE #39
	1.2	05:26:02 PM	START DRIVING PILE #38
	1.5	05:26:28 PM	
	1.8	05:26:54 PM	STOP FOR ADJUSTMENT
	1.8	05:30:03 PM	
	2.1	05:30:43 PM	
	2.4	05:31:32 PM	
	2.7	05:32:21 PM	
	3.0	05:34:10 PM	
	3.4	05:36:01 PM	MOVE TO PILE #39
09-Sep-95	3.4	03:46:25 PM	START DRIVING PILE #38
	3.7	03:47:36 PM	
	4.0	03:48:33 PM	MOVE TO PILE #39

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SHEET PILE I	D:	39	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	01:57:13 PM	START DRIVING PILE #39
	0.3	01:57:15 PM	
	0.6	01:57:48 PM	
	0.9	01:58:09 PM	
	1.2	01:59:19 PM	MOVE TO PILE #40
	1.2	05:39:06 PM	START DRIVING PILE #39
	1.5	05:39:35 PM	
	1.8	05:39:59 PM	
	2.1	05:40:34 PM	
	2.4	05:40:58 PM	
	2.7	05:41:51 PM	
	3.0	05:42:31 PM	
	3.4	05:43:11 PM	
	3.7	05:43:51 PM	MOVE TO PILE #40
09-Sep-95	3.7	02:05:10 PM	START DRIVING PILE #39
	4.0	02:05:55 PM	
	4.3	02:06:44 PM	MOVE TO PILE #40
	4.3	03:50:59 PM	START DRIVING PILE #39
	4.6	03:51:45 PM	MOVE TO PILE #55
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SHEET PILE I			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	02:05:47 PM	START DRIVING PILE #40
	0.3	02:06:09 PM	STOP FOR ADJUSTMENT
	0.3	02:06:54 PM	
	0.6	02:07:02 PM	
	0.9	02:07:19 PM	
	1.2	02:07:50 PM	MOVE TO PILE #41
	1.2	05:48:57 PM	START DRIVING PILE #40
	1.5	05:49:27 PM	
	1.8	05:49:49 PM	
	2.1	05:50:18 PM	
	2.4	05:50:48 PM	
	2.7	05:51:17 PM	
	3.0	05:52:08 PM	
	3.4	05:52:55 PM	
	3.7	05:53:42 PM	
	4.0	05:55:22 PM	MOVE TO PILE #41
09-Sep-95	4.0	02:09:30 PM	START DRIVING PILE #40
	4.3	02:12:45 PM	MOVE TO PILE #41
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SHEET PILE	ID:	41	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	02:16:21 PM	START DRIVING PILE #41
	0.3	02:19:15 PM	
	0.6	02:19:57 PM	
	0.9	02:20:23 PM	
	1.2	02:20:51 PM	MOVE TO PILE #42
	1.2	07:14:09 PM	START DRIVING PILE #41
	1.5	07:14:14 PM	
	1.8	07:14:22 PM	
	2.1	07:14:33 PM	
	2.4	07:14:48 PM	
	2.7	07:15:18 PM	
	3.0	07:15:53 PM	
	3.4	07:16:25 PM	
	3.7	07:16:52 PM	·
	4.0	07:17:40 PM	MOVE TO PILE #42
09-Sep-95	4.0	02:12:58 PM	START DRIVING PILE #41
	4.3	02:13:51 PM	
	4.6	02:14:47 PM	MOVE TO PILE #42
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SHEET PILE	ID:	42	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	02:31:13 PM	START DRIVING PILE #42
	0.3	02:31:32 PM	
	0.6	02:31:39 PM	
	0.9	02:32:12 PM	
	1.2	02:33:21 PM	MOVE TO PILE #43
	1.2	07:22:21 PM	START DRIVING PILE #42
	1.5	07:22:36 PM	
	1.8	07:22:55 PM	
	2.1	07:23:29 PM	
	2.4	07:23:48 PM	
	2.7	07:24:31 PM	
	3.0	07:24:59 PM	
	3.4	07:25:28 PM	
	3.7	07:26:10 PM	
	4.0	07:27:11 PM	
	4.3	07:28:32 PM	MOVE TO PILE #43
09-Sep-95	4.3	02:20:45 PM	START DRIVING PILE #42
	4.6	02:21:48 PM	
	4.9	02:22:33 PM	
	5.2	02:23:27 PM	MOVE TO PILE #43
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

D:	43	
DEPTH (m)	TIME	OPERATIONAL REMARKS
0.0	02:39:29 PM	START DRIVING PILE #43
0.3	02:40:19 PM	
0.6	02:40:51 PM	
0.9	02:41:02 PM	
1.2	02:41:16 PM	MOVE TO PILE #44
1.2	07:30:51 PM	START DRIVING PILE #43
1.5	07:32:26 PM	
1.8	07:32:51 PM	
2.1	07:33:29 PM	
2.4	07:34:07 PM	STOP FOR ADJUSTMENT
2.4	07:35:21 PM	
2.7	07:35:48 PM	4
3.0	07:36:38 PM	
3.4	07:37:21 PM	
3.7	07:38:10 PM	
4.0	07:39:04 PM	MOVE TO PILE #44
4.0	02:25:14 PM	START DRIVING PILE #43
4.3	02:27:07 PM	
4.6	02:29:11 PM	MOVE TO PILE #44
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	DEPTH (m) 0.0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4 2.4 2.7 3.0 3.4 3.7 4.0 4.0 4.3	DEPTH (m) TIME 0.0 02:39:29 PM 0.3 02:40:19 PM 0.6 02:40:51 PM 0.9 02:41:02 PM 1.2 07:30:51 PM 1.5 07:32:26 PM 1.8 07:32:51 PM 2.1 07:33:29 PM 2.4 07:34:07 PM 2.4 07:35:21 PM 2.7 07:35:48 PM 3.0 07:36:38 PM 3.4 07:37:21 PM 4.0 07:39:04 PM 4.0 02:25:14 PM 4.3 02:27:07 PM 4.6 02:29:11 PM

C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE		49	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	01:36:56 PM	REPAIR HAMMER
	0.0	02:09:52 PM	START DRIVING PILE #49
	0.3	02:10:41 PM	
	0.6	02:13:47 PM	
	0.9	02:14:43 PM	
	1.2	02:16:07 PM	STOP FOR ADJUSTMENT
	1.2	02:18:29 PM	
	1.5	02:19:00 PM	MOVE TO PILE #50
09-Sep-95	1.5	02:58:28 PM	START DRIVING PILE #49
	1.8	02:58:54 PM	
	2.1	02:59:59 PM	MOVE TO PILE #50
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SHEET PILE ID: 44			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	0.0	02:47:15 PM	START DRIVING PILE #44
	0.3	02:47:45 PM	STOP FOR ADJUSTMENT
	0.3	02:49:51 PM	
	0.6	02:50:02 PM	
	0.9	02:51:06 PM	
	1.2	02:52:12 PM	MOVE TO PILE #27
	1.2	07:42:36 PM	START DRIVING PILE #44
	1.5	07:43:26 PM	END OF DAY
04-Sep-95	1.5	10:39:17 AM	START DRIVING PILE #44
	1.8	10:39:58 AM	
	2.1	10:40:57 AM	
	2.4	10:41:55 AM	
	2.7	10:42:40 AM	
	3.0	10:43:33 AM	MOVE TO PILE #45
	3.0	11:36:06 AM	START DRIVING PILE #44
	3.4	11:36:58 AM	
	3.7	11:37:46 AM	MOVE TO PILE #45
	3.7	01:02:16 PM	START DRIVING PILE #44
	4.0	01:03:50 PM	MOVE TO PILE #45
09-Sep-95	4.0	02:29:37 PM	START DRIVING PILE #44
	4.3	02:31:44 PM	MOVE TO PILE #45
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 45			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	07:35:52 AM	START DRIVING PILE #45
	0.3	07:36:20 AM	STOP FOR ADJUSTMENT
	0.3	07:40:20 AM	EXCAVATE OBSTRUCTION
	0.6	07:53:26 AM	START DRIVING PILE #45
	0.9	07:54:01 AM	
	1.2	07:55:00 AM	
	1.5	07:56:07 AM	
	1.8	07:58:24 AM	MOVE TO PILE #46
	1.8	10:30:16 AM	START DRIVING PILE #45
	2.1	10:30:39 AM	STOP FOR ADJUSTMENT
	2.1	10:31:55 AM	MOVE TO PILE #46
	2.1	10:45:06 AM	START DRIVING PILE #45
	2.4	10:45:25 AM	
	2.7	10:46:21 AM	
	3.0	10:46:33 AM	
	3.4	10:47:02 AM	MOVE TO PILE #46
	3.4	01:06:13 PM	START DRIVING PILE #45
	3.7	01:07:51 PM	
	4.0	01:09:06 PM	MOVE TO PILE #46
09-Sep-95	4.0	02:33:38 PM	START DRIVING PILE #45
	4.3	02:34:15 PM	
	4.6	02:34:57 PM	
	4.9	02:36:15 PM	MOVE TO PILE #46
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE	ID:	46	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	08:05:14 AM	START DRIVING PILE #46
	0.3	08:06:27 AM	
	0.6	08:07:13 AM	
	0.9	08:07:40 AM	
	1.2	08:08:52 AM	
	1.5	08:09:27 AM	MOVE TO PILE #47
	1.5	10:33:42 AM	START DRIVING PILE #46
	1.8	10:34:01 AM	
	2.1	10:34:44 AM	MOVE TO PILE #47
	2.1	10:49:06 AM	START DRIVING PILE #46
	2.4	10:49:44 AM	
	2.7	10:50:00 AM	
	3.0	10:50:24 AM	
	3.4	10:50:46 AM	MOVE TO PILE #47
	3.4	01:12:27 PM	START DRIVING PILE #46
	3.7	01:12:38 PM	
	4.0	01:13:11 PM	MOVE TO PILE #47
09-Sep-95	4.0	02:38:12 PM	START DRIVING PILE #46
	4.3	02:39:18 PM	
	4.6	02:41:10 PM	MOVE TO PILE #47

SHEET PILE ID: 47			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	08:15:59 AM	START DRIVING PILE #47
	0.3	08:18:28 AM	STOP FOR ADJUSTMENT
	0.3	08:27:49 AM	EXCAVATE OBSTRUCTION
	1.5	10:36:23 AM	START DRIVING PILE #47
	1.8	10:36:32 AM	
	2.1	10:36:54 AM	MOVE TO PILE #44
	2.1	11:17:22 AM	START DRIVING PILE #47
	2.4	11:17:44 AM	
	2.7	11:18:23 AM	
	3.0	11:19:03 AM	MOVE TO PILE #48
	3.0	01:15:50 PM	START DRIVING PILE #47
	3.4	01:16:07 PM	
	3.7	01:16:42 PM	
	4.0	01:17:33 PM	
	4.3	01:19:14 PM	MOVE TO PILE #48
09-Sep-95	4.3	02:45:30 PM	START DRIVING PILE #47
	4.6	02:46:30 PM	
	4.9	02:48:07 PM	MOVE TO PILE #48
		 	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

DATE 04-Sep-95	0.0 0.3	TIME 11:27:48 AM	OPERATIONAL REMARKS
04-Sep-95		11:27:48 AM	
	0.3	11.27.7074	START DRIVING PILE #48
		11:27:49 AM	
	0.6	11:27:58 AM	MOVE TO PILE #44
	0.6	01:23:23 PM	START DRIVING PILE #48
	0.9	01:23:29 PM	MOVE TO PILE #48
	0.9	01:25:08 PM	START DRIVING PILE #48
	1.2	01:25:20 PM	
	1.5	01:26:00 PM	
	1.8	01:26:37 PM	MOVE TO PILE #49
09-Sep-95	1.8	02:50:37 PM	START DRIVING PILE #48
	2.1	02:52:14 PM	
	2.4	02:55:36 PM	MOVE TO PILE #49
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE ID: 50				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
04-Sep-95	0.0	02:21:05 PM	START DRIVING PILE #50	
	0.3	02:21:19 PM		
	0.6	02:21:44 PM		
	0.9	02:22:08 PM		
	1.2	02:22:49 PM	MOVE TO PILE #51	
09-Sep-95	1.2	03:01:21 PM	START DRIVING PILE #50	
	1.5	03:03:47 PM	MOVE TO PILE #51	
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SHEET PILE ID: 51			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	02:37:10 PM	START DRIVING PILE #51
	0.3	02:37:20 PM	
	0.6	02:37:44 PM	
	0.9	02:39:07 PM	MOVE TO PILE #52
09-Sep-95	0.9	03:07:03 PM	START DRIVING PILE #51
	1.2	03:10:02 PM	MOVE TO PILE #52
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SHEET PILE I	ID:	52	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	04:03:03 PM	START DRIVING PILE #52
	0.3	04:03:40 PM	
	0.6	04:04:17 PM	
	0.9	04:05:33 PM	
	1.2	04:06:30 PM	MOVE TO PILE #53
09-Sep-95	1.2	03:10:55 PM	START DRIVING PILE #52
	1.5	03:12:26 PM	
	1.8	03:15:26 PM	MOVE TO PILE #53
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	53	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	03:32:05 PM	START DRIVING PILE #53
	0.3	03:32:30 PM	STOP FOR ADJUSTMENT
	0.3	03:34:45 PM	START DRIVING PILE #53
	0.6	03:35:00 PM	
	0.9	03:35:33 PM	MOVE TO PILE #54
	0.9	04:08:30 PM	START DRIVING PILE #53
	1.2	04:09:19 PM	
	1.5	04:11:36 PM	
	1.8	04:12:55 PM	MOVE TO PILE #54
09-Sep-95	1.8	03:16:45 PM	START DRIVING PILE #53
	2.1	03:18:13 PM	MOVE TO PILE #54
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE		54	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	03:37:59 PM	START DRIVING PILE #54
	0.3	03:38:45 PM	
	0.6	03:41:11 PM	
	0.9	03:42:00 PM	MOVE TO PILE #55
	0.9	04:15:31 PM	START DRIVING PILE #54
	1.2	04:16:11 PM	
	1.5	04:17:02 PM	
	1.8	04:18:19 PM	MOVE TO PILE #55
09-Sep-95	1.8	03:30:34 PM	START DRIVING PILE #54
	2.1	03:33:01 PM	MOVE TO PILE #37
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SHEET PILE I	D:	55	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	03:47:03 PM	START DRIVING PILE #55
	0.3	03:47:57 PM	
	0.6	03:48:23 PM	
	0.9	03:49:01 PM	MOVE TO PILE #56
04-Sep-95	0.9	04:19:35 PM	START DRIVING PILE #55
	1.2	04:20:17 PM	
	1.5	04:21:06 PM	
	1.8	04:22:12 PM	MOVE TO PILE #56
09-Sep-95	1.8	04:02:07 PM	START DRIVING PILE #55
	2.1	04:08:03 PM	MOVE TO PILE #56
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SHEET PILE I	D:	56	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	03:51:28 PM	START DRIVING PILE #56
	0.3	03:51:55 PM	
	0.6	03:52:27 PM	
	0.9	03:53:27 PM	MOVE TO PILE #57
	0.9	04:25:18 PM	START DRIVING PILE #56
	1.2	04:26:04 PM	
	1.5	04:27:34 PM	SET UP PILES
09-Sep-95	1.5	04:13:05 PM	START DRIVING PILE #56
	1.8	04:14:34 PM	MOVE TO PILE #57
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SHEET PILE I	D:	57	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	03:55:14 PM	STOP FOR ADJUSTMENT
	0.0	03:57:41 PM	
	0.3	03:58:32 PM	
	0.6	03:59:02 PM	MOVE TO PILE #52
08-Sep-95	0.6	07:34:33 PM	START DRIVING PILE #57
	0.9	07:35:31 PM	STOP FOR ADJUSTMENT
	0.9	07:41:04 PM	MOVE TO PILE #56
09-Sep-95	0.9	04:14:51 PM	START DRIVING PILE #57
	1.2	04:17:11 PM	MOVE TO PILE #58
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLQO BARRIER SYSTEM

SHEET PILE	ID:	58	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	05:59:46 PM	START DRIVING PILE #58
	0.3	05:59:47 PM	
	0.6	05:59:55 PM	
	0.9	06:00:10 PM	MOVE TO PILE #57
	0.9	06:05:32 PM	START DRIVING PILE #58
	1.2	06:05:49 PM	
	1.5	06:06:24 PM	
	1.8	06:07:08 PM	MOVE TO PILE #59
	1.8	06:27:19 PM	START DRIVING PILE #58
	2.1	06:28:50 PM	MOVE TO PILE #59
09-Sep-95	2.1	04:17:47 PM	START DRIVING PILE #58
	2.4	04:19:50 PM	MOVE TO PILE #59
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE I	D:	59	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	06:08:40 PM	START DRIVING PILE #59
	0.3	06:08:46 PM	·
	0.6	06:09:13 PM	
	0.9	06:09:43 PM	MOVE TO PILE #60
	0.9	06:29:51 PM	START DRIVING PILE #59
	1.2	06:30:44 PM	MOVE TO PILE #60
09-Sep-95	1.2	04:22:21 PM	START DRIVING PILE #59
	1.5	04:29:46 PM	MOVE TO PILE #60
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SHEET PILE	SHEET PILE ID: 60				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS		
04-Sep-95	0.0	06:11:44 PM	START DRIVING PILE #60		
	0.3	06:11:55 PM			
	0.6	06:13:27 PM			
	0.9	06:13:50 PM	MOVE TO PILE #61		
	0.9	06:31:41 PM	START DRIVING PILE #60		
	1.2	06:32:30 PM	MOVE TO PILE #62		
09-Sep-95	1.2	04:30:02 PM	START DRIVING PILE #60		
	1.5	04:34:35 PM	MOVE TO PILE #61		
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SHEET PILE	SHEET PILE ID: 61				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS		
04-Sep-95	0.0	06:18:28 PM	START DRIVING PILE #61		
	0.3	06:18:29 PM			
	0.6	06:18:33 PM			
	0.9	06:18:52 PM			
	1.2	06:19:30 PM			
	1.5	06:20:33 PM			
	1.8	06:22:16 PM	MOVE TO PILE #68		
09-Sep-95	1.5	04:36:05 PM	START DRIVING PILE #61		
	1.8	04:37:51 PM	MOVE TO PILE #62		
		 			
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SHEET PILE ID: 62				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
04-Sep-95	0.0	06:34:02 PM	START DRIVING PILE #62	
	0.3	06:34:18 PM		
	0.6	06:34:59 PM		
	0.9	06:36:17 PM	STOP FOR DINNER	
09-Sep-95	0.9	04:39:08 PM	START DRIVING PILE #62	
	1.2	04:41:09 PM	MOVE TO PILE #63	
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DEDTU ()	63	OPERATIONAL REMARKS
	. 	START DRIVING PILE #63
 		
 		
	 	
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-		MOVE TO PILE #64
1.5		START DRIVING PILE #63
1.8	04:46:13 PM	MOVE TO PILE #64
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		0.0 09:41:16 AM 0.3 09:41:34 AM 0.6 09:41:57 AM 0.9 09:42:18 AM 1.2 09:42:55 AM 1.5 09:43:53 AM 1.5 04:44:55 PM 1.8 04:46:13 PM

SHEET PILE ID: 64			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	09:44:01 AM	START DRIVING PILE #64
	0.3	09:44:15 AM	
	0.6	09:44:44 AM	
	0.9	09:45:10 AM	
	1.2	09:45:36 AM	
	1.5	09:46:36 AM	EXCAVATE OBSTRUCTIONS
09-Sep-95	1.5	04:47:22 PM	START DRIVING PILE #64
	1.8	04:48:05 PM	STOP FOR ADJUSTMENT
	1.8	05:25:20 PM	START DRIVING PILE #64
	2.1	05:28:02 PM	END OF DAY
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SHEET PILE I	D:	65	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	09:34:07 AM	START DRIVING PILE #65
	0.3	09:34:16 AM	
	0.6	09:34:29 AM	
	0.9	09:34:45 AM	
	1.2	09:35:06 AM	
	1.5	09:35:53 AM	
	1.8	09:36:27 AM	MOVE TO PILE #63
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	66	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	09:37:55 AM	START DRIVING PILE #66
	0.3	09:38:20 AM	
	0.6	09:38:46 AM	
	0.9	09:39:18 AM	
	1.2	09:40:15 AM	MOVE TO PILE #63
09-Sep-95	1.2	04:50:29 PM	START DRIVING PILE #66
	1.5	04:53:36 PM	MOVE TO PILE #67
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE ID: 67			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	10:54:19 AM	START DRIVING PILE #67
	0.3	10:54:29 AM	
	0.6	10:56:47 AM	
	0.9	10:57:24 AM	
	1.2	10:58:29 AM	
	1.5	10:59:23 AM	
	1.8	11:00:11 AM	MOVE TO PILE #68
09-Sep-95	1.8	05:22:27 PM	START DRIVING PILE #67
	2.1	05:24:03 PM	MOVE TO PILE #64
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HEET PILE		68	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	11:03:21 AM	START DRIVING PILE #68
	0.3	11:03:26 AM	
	0.6	11:03:44 AM	
	0.9	11:04:37 AM	
	1.2	11:05:17 AM	
	1.5	11:06:32 AM	
	1.8	11:07:38 AM	MOVE TO PILE #69
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HEET PILE		69	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	11:09:56 AM	START DRIVING PILE #69
	0.3	11:10:26 AM	
	0.6	11:10:45 AM	
	0.9	11:11:19 AM	
	1.2	11:11:52 AM	
	1.5	11:13:24 AM	
	1.8	11:14:30 AM	
	2.1	11:15:32 AM	MOVE TO PILE #70
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SHEET PILE I	D:	70	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	11:18:04 AM	START DRIVING PILE #70
	0.3	11:18:11 AM	
	0.6	11:18:37 AM	
	0.9	11:18:49 AM	
	1.2	11:19:57 AM	STOP FOR ADJUSTMENT
	1.2	11:20:22 AM	
	1.5	11:21:01 AM	
	1.8	11:21:44 AM	
	2.1	11:23:24 AM	MOVE TO PILE #71
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SHEET PILE	ID:	71	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	11:25:34 AM	START DRIVING PILE #71
	0.3	11:25:42 AM	
	0.6	11:26:22 AM	
	0.9	11:27:15 AM	·
	1.2	11:27:58 AM	
	1.5	11:29:00 AM	SET UP PILES
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HEET PILE I	7-272	72	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	02:07:24 PM	START DRIVING PILE #72
	0.3	02:07:41 PM	
	0.6	02:07:59 PM	
	0.9	02:08:24 PM	
	1.2	02:09:16 PM	·
	1.5	02:10:08 PM	
	1.8	02:11:00 PM	
	2.1	02:12:05 PM	MOVE TO PILE #73
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HEET PILE	<u>-</u>	73	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	02:14:58 PM	START DRIVING PILE #73
	0.3	02:15:15 PM	
	0.6	02:15:32 PM	
	0.9	02:15:58 PM	
	1.2	02:16:50 PM	
	1.5	02:17:42 PM	
	1.8	02:18:34 PM	
	2.1	02:19:38 PM	MOVE TO PILE #74
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DATE DEPTH (m) TIME OPERATIONAL REMARKS	SHEET PILE	ID:	74	
0.3 02:24:15 PM 0.6 02:24:32 PM 0.9 02:24:58 PM 1.2 02:25:50 PM 1.5 02:26:42 PM 1.8 02:27:34 PM 2.1 02:28:38 PM MOVE TO PILE #75	DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
0.6 02:24:32 PM 0.9 02:24:58 PM 1.2 02:25:50 PM 1.5 02:26:42 PM 1.8 02:27:34 PM 2.1 02:28:38 PM MOVE TO PILE #75	05-Sep-95	0.0	02:23:58 PM	START DRIVING PILE #74
0.9 02:24:58 PM 1.2 02:25:50 PM 1.5 02:26:42 PM 1.8 02:27:34 PM 2.1 02:28:38 PM MOVE TO PILE #75		0.3	02:24:15 PM	·
1.2 02:25:50 PM 1.5 02:26:42 PM 1.8 02:27:34 PM 2.1 02:28:38 PM MOVE TO PILE #75		0.6	02:24:32 PM	
1.5 02:26:42 PM 1.8 02:27:34 PM 2.1 02:28:38 PM MOVE TO PILE #75		0.9	02:24:58 PM	
1.8 02:27:34 PM 2.1 02:28:38 PM MOVE TO PILE #75		1.2	02:25:50 PM	
2.1 02:28:38 PM MOVE TO PILE #75		1.5	02:26:42 PM	
		1.8	02:27:34 PM	
		2.1	02:28:38 PM	MOVE TO PILE #75
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HEET PILE		75	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	02:32:13 PM	START DRIVING PILE #75
	0.3	02:32:17 PM	
	0.6	02:32:23 PM	
	0.9	02:32:45 PM	
	1.2	02:33:31 PM	
	1.5	02:34:53 PM	MOVE TO PILE #76
09-Sep-95	1.5	05:02:23 PM	START DRIVING PILE #75
	1.8	05:03:33 PM	MOVE TO PILE #77
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SHEET PILE I	D:	76	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	02:36:03 PM	START DRIVING PILE #76
	0.3	02:36:15 PM	
	0.6	02:36:34 PM	
	0.9	02:36:52 PM	
	1.2	02:37:10 PM	
	1.5	02:37:39 PM	
	1.8	02:38:36 PM	
	2.1	02:39:30 PM	MOVE TO PILE #77
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SHEET PILE		77	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	02:42:03 PM	START DRIVING PILE #77
	0.3	02:42:34 PM	
	0.6	02:43:07 PM	
	0.9	02:43:49 PM	
	1.2	02:44:31 PM	SET UP PILES
09-Sep-95	1.2	05:05:44 PM	START DRIVING PILE #77
	1.5	05:08:04 PM	MOVE TO PILE #79
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SHEET PILE I	D:		
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	04:19:29 PM	START DRIVING PILE #78
	0.3	04:19:34 PM	
	0.6	04:20:09 PM	
	0.9	04:20:58 PM	
	1.2	04:21:12 PM	
	1.5	04:21:29 PM	
	1.8	04:21:48 PM	
	2.1	04:22:13 PM	
	2.4	04:22:42 PM	
	2.7	04:23:23 PM	
	3.0	04:24:14 PM	
	3.4	04:24:54 PM	MOVE TO PILE #79
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SHEET PILE ID: 79			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	04:27:26 PM	START DRIVING PILE #79
	0.3	04:27:48 PM	
	0.6	04:28:19 PM	
	0.9	04:28:58 PM	
	1.2	04:29:45 PM	
	1.5	04:30:17 PM	MOVE TO PILE #80
09-Sep-95	1.5	05:08:56 PM	START DRIVING PILE #79
	1.8	05:12:09 PM	MOVE TO PILE #81
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SHEET PILE I	D:	80	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	04:31:16 PM	START DRIVING PILE #80
	0.3	04:32:11 PM	
	0.6	04:32:41 PM	
	0.9	04:33:46 PM	
	1.2	04:34:32 PM	
	1.5	04:35:09 PM	
	1.8	04:35:56 PM	MOVE TO PILE #81
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HEET PILE		81	ODEDATIONAL DEMANCE
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	04:38:19 PM	STOP FOR ADJUSTMENT
	0.0	04:39:32 PM	START DRIVING PILE #81
	0.3	04:39:44 PM	
	0.6	04:40:15 PM	STOP FOR ADJUSTMENT
	0.6	04:40:59 PM	
	0.9	04:41:06 PM	
	1.2	04:41:57 PM	MOVE TO PILE #82
09-Sep-95	1.2	05:12:24 PM	START DRIVING PILE #81
	1.5	05:16:19 PM	MOVE TO PILE #83
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SHEET PILE	D:	82	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	04:44:06 PM	START DRIVING PILE #82
	0.3	04:44:09 PM	
	0.6	04:44:23 PM	
	0.9	04:44:58 PM	
	1.2	04:45:32 PM	
	1.5	04:46:17 PM	
	1.8	04:47:23 PM	MOVE TO PILE #83
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SHEET PILE	ID:	83	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	04:15:34 PM	START DRIVING PILE #83
	0.3	04:15:41 PM	
	0.6	04:17:29 PM	MOVE TO PILE #78
	0.6	04:49:01 PM	START DRIVING PILE #83
	0.9	04:49:02 PM	
	1.2	04:49:22 PM	
	1.5	04:50:06 PM	
	1.8	04:50:31 PM	SET UP PILES
09-Sep-95	1.8	05:16:31 PM	START DRIVING PILE #83
	2.1	05:21:27 PM	MOVE TO PILE #67
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SHEET PILE ID: 84			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	07:50:13 PM	START DRIVING PILE #84
	0.3	07:50:24 PM	
""	0.6	07:50:36 PM	
	0.9	07:51:13 PM	·
	1.2	07:51:37 PM	
	1.5	07:52:07 PM	
	1.8	07:52:45 PM	
	2.1	07:53:37 PM	MOVE TO PILE #85
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SHEET PILE I	SHEET PILE ID: 85				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS		
05-Sep-95	0.0	07:55:08 PM	STOP FOR ADJUSTMENT		
	0.0	07:56:42 PM			
	0.3	07:56:53 PM			
	0.3	08:00:10 PM	START DRIVING PILE #85		
	0.6	08:00:32 PM			
	0.9	08:01:03 PM			
	1.2	08:01:33 PM			
	1.5	08:02:24 PM	MOVE TO PILE #86		
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SHEET PILE ID: 86			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	08:04:36 PM	START DRIVING PILE #86
	0.3	08:04:42 PM	
	0.6	08:04:57 PM	
	0.9	08:05:20 PM	
	1.2	08:05:50 PM	
	1.5	08:06:33 PM	
	1.8	08:07:22 PM	MOVE TO PILE #87
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SHEET PILE I	D:	87	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	08:12:54 PM	START DRIVING PILE #87
	0.3	08:12:55 PM	
	0.6	08:13:10 PM	
	0.9	08:13:33 PM	
	1.2	08:14:24 PM	
	1.5	08:14:53 PM	MOVE TO PILE #88

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SHEET PILE I	D:	88	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	08:17:06 PM	START DRIVING PILE #88
	0.3	08:17:32 PM	
	0.6	08:17:59 PM	
	0.9	08:18:26 PM	
	1.2	08:18:52 PM	
	1.5	08:20:00 PM	MOVE TO PILE #89
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

HEET PILE	ID:	89	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
05-Sep-95	0.0	07:47:13 PM	START DRIVING PILE #89
	0.3	07:47:25 PM	MOVE TO PILE #83
	0.3	08:21:38 PM	START DRIVING PILE #89
	0.6	08:21:48 PM	
	0.9	08:22:18 PM	·
	1.2	08:22:48 PM	
	1.5	08:23:15 PM	-
	1.8	08:23:55 PM	
	2.1	08:24:48 PM	END OF DAY
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SHEET PILE DRIVING LOG

HEET PILE		90	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	07:50:08 AM	START DRIVING PILE #90
	0.3	07:50:13 AM	
	0.6	07:50:29 AM	
	0.9	07:50:41 AM	
	1.2	07:51:00 AM	
	1.5	07:51:24 AM	
	1.8	07:52:01 AM	
	2.1	07:53:26 AM	
	2.4	07:55:18 AM	MOVE TO PILE #91
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SHEET PILE	ID:	91	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	07:56:26 AM	START DRIVING PILE #91
	0.3	07:56:57 AM	
	0.6	07:57:11 AM	
	0.9	07:57:23 AM	
	1.2	07:57:47 AM	
	1.5	07:58:31 AM	
	1.8	07:59:29 AM	
	2.1	08:00:21 AM	MOVE TO PILE #92
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SHEET PILE	ID:	92	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	08:01:55 AM	START DRIVING PILE #92
	0.3	08:01:59 AM	
	0.6	08:02:13 AM	
	0.9	08:02:53 AM	
	1.2	08:03:30 AM	
	1.5	08:04:37 AM	MOVE TO PILE #93
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SHEET PILE ID: 93				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
06-Sep-95	0.0	08:06:32 AM	START DRIVING PILE #93	
	0.3	08:06:37 AM		
	0.6	08:07:02 AM		
	0.9	08:07:25 AM		
	1.2	08:07:48 AM		
	1.5	08:08:31 AM		
	1.8	08:09:20 AM	MOVE TO PILE #94	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	94	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	08:10:08 AM	START DRIVING PILE #94
	0.3	08:10:15 AM	
	0.6	08:11:12 AM	
	0.9	08:11:37 AM	·
	1.2	08:12:08 AM	
	1.5	08:13:14 AM	MOVE TO PILE #95
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE I	D:	95	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	07:43:51 AM	START DRIVING PILE #95
	0.3	07:45:13 AM	
	0.6	07:45:47 AM	MOVE TO PILE #90
	0.6	08:16:07 AM	START DRIVING PILE #95
	0.9	08:16:37 AM	
	1.2	08:17:14 AM	
	1.5	08:17:48 AM	
	1.8	08:19:05 AM	SET UP PILES
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SHEET PILE ID: 96				
DEPTH (m)	TIME	OPERATIONAL REMARKS		
0.0	09:45:26 AM	START DRIVING PILE #96		
0.3	09:46:33 AM			
0.6	09:46:43 AM			
0.9	09:47:07 AM			
1.2	09:47:38 AM			
1.5	09:48:22 AM			
1.8	09:49:04 AM	MOVE TO PILE #97		
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SHEET PILE		97	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	09:50:44 AM	START DRIVING PILE #97
	0.3	09:50:50 AM	
	0.6	09:50:59 AM	STOP FOR ADJUSTMENT
	0.6	09:51:40 AM	
	0.9	09:52:07 AM	
	1.2	09:52:27 AM	
	1.5	09:53:03 AM	
	1.8	09:54:28 AM	MOVE TO PILE #98
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06-Sep-95	0.3 09:5 0.6 09:5 0.9 09:5 1.2 09:5 1.5 09:5	56:46 AM 57:15 AM 57:28 AM 58:04 AM 58:38 AM	
	0.6 09:5 0.9 09:5 1.2 09:5 1.5 09:5	57:15 AM 57:28 AM 58:04 AM 58:38 AM	MOVE TO PILE #99
	0.9 09:5 1.2 09:5 1.5 09:5	57:28 AM 58:04 AM 58:38 AM	MOVE TO PILE #99
	1.2 09:5 1.5 09:5	58:04 AM 58:38 AM	MOVE TO PILE #99
	1.5 09:5	8:38 AM	MOVE TO PILE #99
			MOVE TO PILE #99
	1.8 09:5	59:18 AM	MOVE TO PILE #99
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SHEET PILE I	D:	99	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	10:01:59 AM	START DRIVING PILE #99
	0.3	10:02:05 AM	
	0.6	10:02:16 AM	
	0.9	10:02:27 AM	
	1.2	10:02:51 AM	
	1.5	10:03:33 AM	
	1.8	10:04:17 AM	MOVE TO PILE #100
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SHEET PILE I			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	10:05:59 AM	START DRIVING PILE #100
	0.3	10:06:09 AM	
	0.6	10:06:30 AM	
	0.9	10:06:51 AM	
	1.2	10:07:19 AM	
	1.5	10:07:56 AM	
	1.8	10:09:01 AM	MOVE TO PILE #101
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DATE	DEPTH (m)	TIRAC	
06 0 05		TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	09:42:34 AM	START DRIVING PILE #101
	0.3	09:42:38 AM	
	0.6	09:42:49 AM	
	0.9	09:43:02 AM	
	1.2	09:43:20 AM	MOVE TO PILE #96
	1.2	10:10:23 AM	START DRIVING PILE #101
	1.5	10:10:34 AM	
	1.8	10:11:04 AM	
	2.1	10:11:50 AM	SET UP PILES
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SHEET PILE I	D:	102	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	11:44:02 AM	START DRIVING PILE #102
	0.3	11:44:07 AM	
	0.6	11:44:37 AM	
	0.9	11:44:56 AM	
	1.2	11:45:19 AM	
	1.5	11:45:41 AM	
	1.8	11:46:19 AM	
	2.1	11:46:47 AM	MOVE TO PILE #103
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SHEET PILE I	D:	103	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	11:50:26 AM	START DRIVING PILE #103
	0.3	11:50:30 AM	
	0.6	11:50:36 AM	
	0.9	11:51:14 AM	
	1.2	11:51:40 AM	
	1.5	11:52:14 AM	
	1.8	11:52:38 AM	
	2.1	11:53:29 AM	
	2.4	11:54:15 AM	MOVE TO PILE #104
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SHEET PILE I		104	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	11:56:39 AM	START DRIVING PILE #104
	0.3	11:57:07 AM	·
	0.6	11:57:43 AM	
	0.9	11:58:17 AM	
	1.2	11:59:01 AM	
	1.5	11:59:48 AM	
	1.8	12:00:30 PM	MOVE TO PILE #105
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I	D:	105	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	12:01:52 PM	START DRIVING PILE #105
	0.3	12:02:41 PM	·
	0.6	12:02:54 PM	
	0.9	12:03:20 PM	·
	1.2	12:03:44 PM	
	1.5	12:04:25 PM	
	1.8	12:05:11 PM	
	2.1	12:06:13 PM	MOVE TO PILE #106
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE I	D:	106	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	12:06:57 PM	START DRIVING PILE #106
	0.3	12:07:24 PM	
	0.6	12:08:01 PM	
	0.9	12:08:39 PM	
	1.2	12:09:28 PM	
	1.5	12:10:27 PM	
	1.8	12:11:36 PM	SET UP PILES
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SHEET PILE	ID:	107	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	02:54:41 PM	START DRIVING PILE #107
	0.3	02:54:59 PM	
	0.6	02:55:16 PM	
	0.9	02:55:42 PM	
	1.2	02:56:18 PM	
	1.5	02:57:03 PM	MOVE TO PILE #108
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	108	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	02:57:46 PM	START DRIVING PILE #108
	0.3	02:58:04 PM	
	0.6	02:58:21 PM	
	0.9	02:58:47 PM	
	1.2	02:59:23 PM	
	1.5	03:00:08 PM	MOVE TO PILE #109

C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE I	D:	109	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	03:02:09 PM	START DRIVING PILE #109
	0.3	03:02:31 PM	
	0.6	03:02:50 PM	
	0.9	03:03:19 PM	
	1.2	03:03:52 PM	
	1.5	03:05:08 PM	MOVE TO PILE #110
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	110	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	03:08:01 PM	START DRIVING PILE #110
	0.3	03:08:18 PM	
	0.6	03:08:44 PM	
	0.9	03:09:10 PM	
	1.2	03:09:44 PM	
	1.5	03:10:28 PM	MOVE TO PILE #111
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE ID: 111			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	03:20:38 PM	START DRIVING PILE #111
	0.3	03:24:14 PM	
	0.6	03:24:29 PM	
	0.9	03:24:48 PM	
	1.2	03:25:36 PM	MOVE TO PILE #112
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 112				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
06-Sep-95	0.0	03:26:28 PM	START DRIVING PILE #112	
	0.3	03:26:36 PM	STOP FOR ADJUSTMENT	
	0.3	03:26:54 PM		
	0.6	03:27:11 PM		
	0.9	03:27:37 PM		
	1.2	03:28:12 PM		
	1.5	03:29:03 PM	MOVE TO PILE #113	
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE I	D:	113	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	02:53:06 PM	START DRIVING PILE #113
	0.3	02:53:24 PM	MOVE TO PILE #107
	0.3	03:29:06 PM	START DRIVING PILE #113
	0.6	03:29:15 PM	
	0.9	03:29:39 PM	
	1.2	03:30:17 PM	
	1.5	03:32:07 PM	SET UP PILES
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SHEET PILE I	D:	114	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	05:26:13 PM	START DRIVING PILE #114
	0.3	05:26:53 PM	
	0.6	05:27:09 PM	
	0.9	05:27:37 PM	
	1.2	05:28:03 PM	
	1.5	05:28:39 PM	
	1.8	05:29:32 PM	
	2.1	05:30:47 PM	MOVE TO PILE #115
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SHEET PILE I	D:	115	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	05:32:06 PM	START DRIVING PILE #115
	0.3	05:32:49 PM	
	0.6	05:33:29 PM	
	0.9	05:33:53 PM	
	1.2	05:34:23 PM	
	1.5	05:34:57 PM	
	1.8	05:35:46 PM	
	2.1	05:36:34 PM	MOVE TO PILE #116
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HEET PILE I		116	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
6-Sep-95	0.0	05:37:25 PM	START DRIVING PILE #116
	0.3	05:37:32 PM	
	0.6	05:37:46 PM	
	0.9	05:38:08 PM	
	1.2	05:38:32 PM	
	1.5	05:39:08 PM	
	1.8	05:40:15 PM	MOVE TO PILE #117
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

HEET PILE		117	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
6-Sep-95	0.0	05:41:07 PM	START DRIVING PILE #117
	0.3	05:41:28 PM	
	0.6	05:41:56 PM	
	0.9	05:42:55 PM	
	1.2	05:43:41 PM	
	1.5	05:44:36 PM	MOVE TO PILE #118
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE ID: 118			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	05:17:12 PM	START DRIVING PILE #118
	0.3	05:17:24 PM	
	0.6	05:18:04 PM	
	0.9	05:19:07 PM	MOVE TO PILE #113
	0.9	05:45:11 PM	START DRIVING PILE #118
	1.2	05:46:13 PM	
	1.5	05:46:55 PM	
	1.8	05:47:48 PM	
	2.1	05:49:03 PM	SET UP PILES
		 	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	SHEET PILE ID: 119				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS		
07-Sep-95	0.0	08:00:17 AM	START DRIVING PILE #119		
	0.3	08:00:35 AM			
	0.6	08:00:53 AM			
	0.9	08:01:09 AM			
	1.2	08:01:31 AM	•		
	1.5	08:01:59 AM			
	1.8	08:03:15 AM			
	2.1	08:04:35 AM	MOVE TO PILE #120		
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE ID: 120			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	08:09:57 AM	START DRIVING PILE #120
	0.3	08:10:00 AM	
	0.6	08:10:11 AM	
	0.9	08:10:38 AM	
	1.2	08:11:21 AM	
	1.5	08:11:53 AM	
	1.8	08:12:52 AM	
	2.1	08:13:47 AM	MOVE TO PILE #121
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SHEET PILE I		121	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	08:17:13 AM	START DRIVING PILE #121
	0.3	08:17:20 AM	STOP FOR ADJUSTMENT
	0.3	08:19:05 AM	
	0.6	08:19:25 AM	
	0.9	08:19:57 AM	
	1.2	08:20:36 AM	
	1.5	08:21:57 AM	
	1.8	08:24:13 AM	MOVE TO PILE #122
		 	
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SHEET PILE I	D:	122	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	08:27:20 AM	START DRIVING PILE #122
	0.3	08:27:45 AM	
	0.6	08:28:14 AM	
	0.9	08:28:42 AM	
	1.2	08:28:59 AM	
	1.5	08:29:32 AM	
	1.8	08:30:12 AM	
	2.1	08:30:57 AM	
	2.4	08:31:39 AM	MOVE TO PILE #123
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 123				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
07-Sep-95	0.0	08:32:31 AM	START DRIVING PILE #123	
	0.3	08:32:43 AM		
	0.6	08:33:24 AM		
	0.9	08:34:18 AM		
	1.2	08:35:22 AM	SET UP PILES	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	124	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	10:11:30 AM	START DRIVING PILE #124
	0.3	10:11:33 AM	
	0.6	10:11:49 AM	·
	0.9	10:12:03 AM	
	1.2	10:12:27 AM	
	1.5	10:12:53 AM	
	1.8	10:13:26 AM	
	2.1	10:14:13 AM	
	2.4	10:14:58 AM	
	2.7	10:16:14 AM	MOVE TO PILE #125
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I	D:	125	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	10:18:41 AM	START DRIVING PILE #125
	0.3	10:19:05 AM	
	0.6	10:19:20 AM	
	0.9	10:19:44 AM	
	1.2	10:20:16 AM	
	1.5	10:20:46 AM	
	1.8	10:21:24 AM	
	2.1	10:22:08 AM	
	2.4	10:23:05 AM	MOVE TO PILE #126
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE I	D:	126	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	10:25:12 AM	START DRIVING PILE #126
	0.3	10:25:19 AM	STOP FOR ADJUSTMENT
	0.3	10:26:15 AM	
	0.6	10:26:33 AM	
	0.9	10:27:02 AM	
	1.2	10:27:38 AM	
	1.5	10:28:16 AM	
	1.8	10:29:08 AM	
	2.1	10:30:13 AM	
	2.4	10:30:49 AM	MOVE TO PILE #127
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SHEET PILE ID: 127				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
07-Sep-95	0.0	10:34:35 AM	START DRIVING PILE #127	
	0.3	10:34:38 AM		
	0.6	10:34:54 AM		
	0.9	10:35:26 AM		
	1.2	10:36:02 AM		
	1.5	10:36:36 AM		
	1.8	10:37:34 AM		
	2.1	10:38:25 AM		
****	2.4	10:39:35 AM	MOVE TO PILE #128	
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DATE DEPTH (m) TIME OPERATIONAL REMARKS 07-Sep-95 0.0 10:41:29 AM START DRIVING PILE #128 0.3 10:41:37 AM 0.6 10:42:00 AM 0.9 10:42:35 AM 1.2 10:43:10 AM 1.5 10:43:50 AM 1.8 10:44:28 AM 2.1 10:45:33 AM MOVE TO PILE #129	
0.3 10:41:37 AM 0.6 10:42:00 AM 0.9 10:42:35 AM 1.2 10:43:10 AM 1.5 10:43:50 AM 1.8 10:44:28 AM 2.1 10:45:33 AM	
0.6 10:42:00 AM 0.9 10:42:35 AM 1.2 10:43:10 AM 1.5 10:43:50 AM 1.8 10:44:28 AM 2.1 10:45:33 AM	
0.9 10:42:35 AM 1.2 10:43:10 AM 1.5 10:43:50 AM 1.8 10:44:28 AM 2.1 10:45:33 AM	
1.2 10:43:10 AM 1.5 10:43:50 AM 1.8 10:44:28 AM 2.1 10:45:33 AM	
1.5 10:43:50 AM 1.8 10:44:28 AM 2.1 10:45:33 AM	
1.8 10:44:28 AM 2.1 10:45:33 AM	
2.1 10:45:33 AM	
2.4 10:46:34 AM MOVE TO PILE #129	
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SHEET PILE	ID:		
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	10:06:12 AM	START DRIVING PILE #129
	0.3	10:06:23 AM	
	0.6	10:07:01 AM	
	0.9	10:07:39 AM	MOVE TO PILE #124
	0.9	10:48:46 AM	START DRIVING PILE #129
	1.2	10:48:57 AM	STOP FOR ADJUSTMENT
	1.2	10:49:43 AM	
	1.5	10:50:11 AM	
	1.8	10:51:03 AM	
	2.1	10:52:03 AM	
	2.4	10:53:01 AM	SET UP PILES
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I	D:	130	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	01:22:13 PM	START DRIVING PILE #130
	0.3	01:22:21 PM	
	0.6	01:22:39 PM	
	0.9	01:22:56 PM	
	1.2	01:23:13 PM	
	1.5	01:23:39 PM	
	1.8	01:24:05 PM	
	2.1	01:24:31 PM	
	2.4	01:31:43 PM	MOVE TO PILE #131
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SHEET PILE I	D:	131	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	01:32:52 PM	START DRIVING PILE #131
	0.3	01:32:59 PM	
	0.6	01:33:15 PM	
	0.9	01:33:46 PM	
	1.2	01:34:21 PM	
	1.5	01:34:52 PM	
	1.8	01:35:42 PM	
	2.1	01:36:49 PM	
	2.4	01:38:16 PM	MOVE TO PILE #132

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	132	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	01:39:31 PM	START DRIVING PILE #132
	0.3	01:39:37 PM	
	0.6	01:39:58 PM	
	0.9	01:40:22 PM	
	1.2	01:40:49 PM	
	1.5	01:41:37 PM	
	1.8	01:42:32 PM	
	2.1	01:43:56 PM	MOVE TO PILE #133
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE	SHEET PILE ID: 133				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS		
07-Sep-95	0.0	01:45:29 PM	START DRIVING PILE #133		
	0.3	01:45:36 PM			
	0.6	01:45:59 PM			
	0.9	01:46:24 PM			
	1.2	01:47:05 PM			
	1.5	01:47:48 PM	:		
	1.8	01:48:44 PM			
	2.1	01:50:04 PM	MOVE TO PILE #134		
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SHEET PILE	ID:	134	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	01:51:58 PM	START DRIVING PILE #134
	0.3	01:52:10 PM	
	0.6	01:52:35 PM	
	0.9	01:53:13 PM	
	1.2	01:53:50 PM	
	1.5	01:54:38 PM	
	1.8	01:55:32 PM	
	2.1	01:56:59 PM	MOVE TO PILE #135
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SHEET PILE I		135	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	12:02:58 PM	START DRIVING PILE #135
	0.3	12:03:16 PM	
	0.6	12:03:33 PM	
	0.9	12:03:59 PM	MOVE TO PILE #130
	0.9	01:58:10 PM	START DRIVING PILE #135
	1.2	01:58:19 PM	
	1.5	01:58:58 PM	
	1.8	01:59:53 PM	
	2.1	02:00:54 PM	SET UP PILES
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SHEET PILE ID: 136				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
07-Sep-95	0.0	03:39:32 PM	START DRIVING PILE #136	
	0.3	03:39:33 PM		
	0.6	03:39:43 PM		
	0.9	03:40:51 PM		
	1.2	03:41:18 PM		
	1.5	03:41:52 PM		
	1.8	03:42:33 PM		
	2.1	03:43:19 PM	MOVE TO PILE #137	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I	D:	137	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	03:45:52 PM	START DRIVING PILE #137
	0.3	03:46:09 PM	
	0.6	03:46:54 PM	
	0.9	03:47:13 PM	
	1.2	03:47:45 PM	
	1.5	03:48:19 PM	
	1.8	03:48:34 PM	
	2.1	03:49:48 PM	MOVE TO PILE #138
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE I	D:	138	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	03:50:40 PM	START DRIVING PILE #138
	0.3	03:50:48 PM	
	0.6	03:51:42 PM	
	0.9	03:51:50 PM	
	1.2	03:52:17 PM	
	1.5	03:53:03 PM	
	1.8	03:53:46 PM	
	2.1	03:54:34 PM	MOVE TO PILE #139
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SHEET PILE I	D:	139	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	03:56:25 PM	START DRIVING PILE #139
	0.3	03:56:33 PM	
	0.6	03:57:12 PM	
	0.9	03:57:34 PM	
	1.2	03:58:01 PM	
	1.5	03:58:40 PM	
	1.8	03:59:33 PM	
	2.1	04:00:46 PM	MOVE TO PILE #140
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SHEET PILE ID: 140				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
07-Sep-95	0.0	04:02:44 PM	START DRIVING PILE #140	
	0.3	04:02:55 PM		
	0.6	04:03:07 PM		
	0.9	04:03:28 PM		
	1.2	04:04:07 PM		
	1.5	04:05:07 PM		
	1.8	04:06:13 PM		
	2.1	04:07:41 PM	SET UP PILES	
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	D:	141	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	05:23:47 PM	START DRIVING PILE #141
	0.3	05:23:55 PM	
	0.6	05:24:15 PM	
	0.9	05:24:25 PM	
	1.2	05:24:44 PM	
	1.5	05:25:27 PM	
	1.8	05:26:18 PM	
	2.1	05:26:50 PM	MOVE TO PILE #142
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SHEET PILE I	D:	142	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	05:29:04 PM	START DRIVING PILE #142
	0.3	05:29:16 PM	
	0.6	05:29:30 PM	
	0.9	05:29:57 PM	
	1.2	05:30:25 PM	
	1.5	05:30:59 PM	
	1.8	05:31:54 PM	
	2.1	05:32:36 PM	MOVE TO PILE #143
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SHEET PILE I	D:	143	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	05:34:04 PM	START DRIVING PILE #143
	0.3	05:34:27 PM	
	0.6	05:34:34 PM	
	0.9	05:34:50 PM	
	1.2	05:35:24 PM	
	1.5	05:35:53 PM	
	1.8	05:36:41 PM	
	2.1	05:37:35 PM	MOVE TO PILE #144
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SHEET PILE ID: 144				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
07-Sep-95	0.0	05:38:42 PM	START DRIVING PILE #144	
	0.3	05:39:17 PM		
	0.6	05:39:39 PM		
	0.9	05:39:59 PM		
	1.2	05:40:29 PM		
	1.5	05:41:12 PM		
	1.8	05:41:54 PM		
	2.1	05:42:51 PM		
	2.4	05:43:26 PM	MOVE TO PILE #145	
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SHEET PILE ID: 145				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
07-Sep-95	0.0	05:46:27 PM	START DRIVING PILE #145	
	0.3	05:46:55 PM		
	0.6	05:47:14 PM		
	0.9	05:47:43 PM		
	1.2	05:48:31 PM		
	1.5	05:49:19 PM		
	1.8	05:50:26 PM		
	2.1	05:51:42 PM	MOVE TO PILE #146	
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HEET PILE		146	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
7-Sep-95	0.0	05:21:44 PM	START DRIVING PILE #146
	0.3	05:21:49 PM	
	0.6	05:21:58 PM	
	0.9	05:23:06 PM	MOVE TO PILE #141
	0.9	05:52:45 PM	START DRIVING PILE #146
	1.2	05:53:05 PM	
	1.5	05:55:07 PM	
	1.8	05:56:40 PM	
	2.1	05:58:32 PM	SET UP PILES
			
		 	
		 	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I		147	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	08:13:39 PM	START DRIVING PILE #147
	0.3	08:14:03 PM	
	0.6	08:14:27 PM	
	0.9	08:14:54 PM	
	1.2	08:15:22 PM	
	1.5	08:15:57 PM	
	1.8	08:17:00 PM	
	2.1	08:18:03 PM	
	2.4	08:20:04 PM	MOVE TO PILE #148
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C3 ENVIRONMENTAL SHEET PILE DRIVING LOG

SHEET PILE I	D:		
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	08:21:20 PM	START DRIVING PILE #148
	0.3	08:21:34 PM	
	0.6	08:21:47 PM	
	0.9	08:22:09 PM	
	1.2	08:22:45 PM	
	1.5	08:23:28 PM	
	1.8	08:24:28 PM	
	2.1	08:25:59 PM	MOVE TO PILE #149
		 	
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SHEET PILE ID: 149				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
07-Sep-95	0.0	08:27:24 PM	START DRIVING PILE #149	
	0.3	08:27:33 PM		
	0.6	08:27:51 PM		
	0.9	08:28:23 PM		
	1.2	08:29:06 PM		
	1.5	08:30:18 PM		
	1.8	08:31:03 PM		
	2.1	08:32:38 PM	MOVE TO PILE #150	
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SHEET PILE I	D:	150	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	08:34:21 PM	START DRIVING PILE #150
	0.3	08:34:28 PM	·
	0.6	08:34:49 PM	
	0.9	08:35:17 PM	
	1.2	08:36:03 PM	
	1.5	08:36:45 PM	
	1.8	08:37:39 PM	
	2.1	08:38:44 PM	MOVE TO PILE #151
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SHEET PILE ID: 151				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
07-Sep-95	0.0	08:40:24 PM	START DRIVING PILE #151	
	0.3	08:40:37 PM		
	0.6	08:40:51 PM		
	0.9	08:41:35 PM		
	1.2	08:42:08 PM		
	1.5	08:42:40 PM		
	1.8	08:43:30 PM		
	2.1	08:45:34 PM	MOVE TO PILE #152	
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SHEET PILE ID: 152			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
07-Sep-95	0.0	08:10:13 PM	START DRIVING PILE #152
	0.3	08:10:31 PM	
	0.6	08:10:53 PM	MOVE TO PILE #147
	0.6	08:45:42 PM	START DRIVING PILE #152
	0.9	08:46:35 PM	
	1.2	08:47:09 PM	
	1.5	08:47:42 PM	
	1.8	08:48:12 PM	
	2.1	08:48:48 PM	
	2.4	08:50:54 PM	END OF DAY
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SHEET PILE ID: 153				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
08-Sep-95	0.0	09:26:54 AM	START DRIVING PILE #153	
	0.3	09:26:56 AM		
	0.6	09:27:21 AM		
	0.9	09:27:40 AM		
	1.2	09:28:02 AM		
	1.5	09:28:42 AM		
	1.8	09:29:19 AM		
	2.1	09:31:55 AM	MOVE TO PILE #154	
13-Sep-95	2.1	07:53:04 AM	START DRIVING PILE #153	
	2.4	07:53:43 AM		
	2.7	07:54:37 AM		
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SHEET PILE ID: 154				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
08-Sep-95	0.0	09:34:18 AM	START DRIVING PILE #154	
	0.3	09:34:42 AM		
	0.6	09:35:07 AM		
	0.9	09:35:44 AM		
	1.2	09:36:35 AM		
	1.5	09:37:11 AM		
	1.8	09:38:05 AM	MOVE TO PILE #155	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 155				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
08-Sep-95	0.0	09:42:26 AM	START DRIVING PILE #155	
	0.3	09:42:35 AM		
	0.6	09:43:09 AM		
	0.9	09:43:40 AM		
	1.2	09:44:12 AM		
	1.5	09:45:18 AM		
	1.8	09:46:33 AM		
	2.1	09:48:41 AM	MOVE TO PILE #156	
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SHEET PILE I	ID:	156	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	09:51:05 AM	START DRIVING PILE #156
	0.3	09:51:11 AM	
	0.6	09:51:30 AM	
	0.9	09:52:47 AM	
r	1.2	09:53:21 AM	
	1.5	09:54:07 AM	
	1.8	09:55:06 AM	
	2.1	09:56:17 AM	MOVE TO PILE #157
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 157				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
08-Sep-95	0.0	09:59:24 AM	START DRIVING PILE #157	
	0.3	09:59:39 AM		
	0.6	10:00:08 AM		
	0.9	10:00:47 AM		
	1.2	10:01:34 AM		
	1.5	10:02:12 AM		
	1.8	10:03:03 AM		
	2.1	10:04:51 AM	MOVE TO PILE #158	
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SHEET PILE I	D:		
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	09:23:53 AM	START DRIVING PILE #158
	0.3	09:24:10 AM	
	0.6	09:24:27 AM	
	0.9	09:24:44 AM	MOVE TO PILE #153
	0.9	10:05:27 AM	START DRIVING PILE #158
	1.2	10:05:48 AM	
	1.5	10:06:27 AM	
	1.8	10:07:07 AM	STOP FOR ADJUSTMENT
	1.8	10:05:27 AM	START DRIVING PILE #158
	2.1	10:05:48 AM	
	2.4	10:06:27 AM	
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SHEET PILE I		159	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	11:41:34 AM	START DRIVING PILE #159
	0.3	11:41:40 AM	
	0.6	11:42:25 AM	
	0.9	11:42:39 AM	
	1.2	11:42:59 AM	
	1.5	11:43:31 AM	
	1.8	11:44:16 AM	STOP FOR ADJUSTMENT
	1.8	11:46:40 AM	
	2.1	11:46:46 AM	
	2.4	11:47:58 AM	
	2.7	11:49:11 AM	MOVE TO PILE #160
13-Sep-95	2.7	07:49:35 AM	MOVE TO PILE #153
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 160				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
08-Sep-95	0.0	11:53:29 AM	START DRIVING PILE #160	
	0.3	11:53:57 AM		
	0.6	11:54:18 AM	STOP FOR ADJUSTMENT	
	0.6	01:15:13 PM	START DRIVING PILE #160	
. ,	0.9	01:15:22 PM		
	1.2	01:16:31 PM		
	1.5	01:17:12 PM		
	1.8	01:18:42 PM	MOVE TO PILE #161	
13-Sep-95	1.8	07:46:56 AM	MOVE TO PILE #159	
				
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SHEET PILE I	D:	161	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	01:20:00 PM	START DRIVING PILE #161
	0.3	01:21:43 PM	
	0.6	01:22:01 PM	
	0.9	01:22:28 PM	
	1.2	01:23:11 PM	
,	1.5	01:23:49 PM	
	1.8	01:24:45 PM	
	2.1	01:27:24 PM	MOVE TO PILE #162
13-Sep-95	2.1	07:43:56 AM	START DRIVING PILE #161
	2.4	07:45:04 AM	MOVE TO PILE #160
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SHEET PILE I	D:	162	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	01:29:27 PM	START DRIVING PILE #162
	0.3	01:29:49 PM	
	0.6	01:30:09 PM	
	0.9	01:30:44 PM	
	1.2	01:31:29 PM	
	1.5	01:32:30 PM	
	1.8	01:33:18 PM	
	2.1	01:34:21 PM	
	2.4	01:35:30 PM	MOVE TO PILE #163

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I	D:	163	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	01:37:58 PM	START DRIVING PILE #163
	0.3	01:38:13 PM	·
	0.6	01:38:50 PM	
	0.9	01:39:27 PM	·
	1.2	01:39:48 PM	
	1.5	01:40:18 PM	
	1.8	01:41:10 PM	
	2.1	01:41:59 PM	
	2.4	01:43:03 PM	
	2.7	01:44:25 PM	MOVE TO PILE #164
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C3 ENVIRONMENTAL

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I	D:	164	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	01:48:24 PM	START DRIVING PILE #164
	0.3	01:48:29 PM	
	0.6	01:48:46 PM	
	0.9	01:50:13 PM	
	1.2	01:51:07 PM	
	1.5	01:52:01 PM	
	1.8	01:52:59 PM	
	2.1	01:53:49 PM	
	2.4	01:55:59 PM	MOVE TO PILE #165
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	165	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.6	01:58:25 PM	START DRIVING PILE #165
	0.9	01:58:49 PM	
-	1.2	01:59:27 PM	
	1.5	02:00:10 PM	
	1.8	02:00:57 PM	
	2.1	02:03:15 PM	
	2.4	02:03:49 PM	
	2.7	02:04:44 PM	SET UP PILES
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SHEET PILE I	D:	166	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	03:57:45 PM	START DRIVING PILE #166
	0.3	03:57:50 PM	
	0.6	03:57:56 PM	
	0.9	03:58:04 PM	
	1.2	03:58:40 PM	
	1.5	03:59:04 PM	
	1.8	03:59:28 PM	
	2.1	04:00:05 PM	
	2.4	04:00:49 PM	
	2.7	04:01:44 PM	
	3.0	04:02:43 PM	
	3.4	04:04:14 PM	MOVE TO PILE #167
13-Sep-95	3.4	07:40:20 AM	
	3.7	07:41:03 AM	MOVE TO PILE # 161
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SHEET PILE I	D:	167	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	04:07:05 PM	START DRIVING PILE #167
	0.3	04:07:31 PM	
	0.6	04:08:16 PM	
	0.9	04:08:50 PM	
	1.2	04:09:37 PM	
	1.5	04:10:24 PM	
	1.8	04:11:02 PM	
	2.1	04:11:51 PM	MOVE TO PILE #168
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	168	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	04:13:49 PM	START DRIVING PILE #168
	0.3	04:13:56 PM	·
	0.6	04:14:35 PM	
	0.9	04:15:27 PM	·
	1.2	04:15:55 PM	MOVE TO PILE #169
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C3 ENVIRONMENTAL

SHEET PILE	ID:	169	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	04:16:52 PM	START DRIVING PILE #169
	0.3	04:16:55 PM	
	0.6	04:17:03 PM	
	0.9	04:18:00 PM	
	1.2	04:18:28 PM	MOVE TO PILE #170
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SHEET PILE I	D:	170	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	04:18:39 PM	START DRIVING PILE #170
	0.3	04:19:03 PM	
	0.6	04:20:28 PM	
	0.9	04:22:45 PM	MOVE TO PILE #171
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE	ID:	171	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	04:24:21 PM	START DRIVING PILE #171
	0.3	04:24:25 PM	
	0.6	04:26:15 PM	
	0.9	04:26:47 PM	MOVE TO EXCAVATE PILES #57-18
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SHEET PILE	ID:	172	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
08-Sep-95	0.0	03:47:16 PM	START DRIVING PILE #172
	0.3	03:48:12 PM	
	0.6	03:48:31 PM	STOP FOR ADJUSTMENT
	0.6	03:52:48 PM	
	0.9	03:53:33 PM	MOVE TO PILE #166
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HEET PILE	ID:	173	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
13-Sep-95	0.0	07:54:24 PM	START DRIVING PILE #173
	0.3	07:54:42 PM	
	0.6	07:55:06 PM	
	0.9	07:55:26 PM	
	1.2	07:55:42 PM	
	1.5	07:55:55 PM	
	1.8	07:56:34 PM	STOP FOR ADJUSTMENT
	1.8	07:59:18 PM	
	2.1	07:59:20 PM	
	2.4	07:59:28 PM	
	2.7	08:00:10 PM	MOVE TO PILE #174
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SHEET PILE I	lD:	174	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
13-Sep-95	0.0	08:02:27 PM	START DRIVING PILE #174
	0.3	08:02:55 PM	STOP FOR ADJUSTMENT
	0.3	08:03:17 PM	
	0.6	08:03:51 PM	
	0.9	08:05:29 PM	MOVE TO PILE #175
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SHEET PILE ID: 175				
DEPTH (m)	TIME	OPERATIONAL REMARKS		
0.0	08:08:00 PM	START DRIVING PILE #175		
0.3	08:08:51 PM			
0.6	08:09:18 PM	STOP FOR ADJUSTMENT		
0.6	08:11:26 PM			
0.9	08:12:21 PM	STOP FOR ADJUSTMENT		
0.9	08:15:13 PM			
1.2	08:16:57 PM	MOVE TO PILE #176		
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	0.0 0.3 0.6 0.6 0.9	DEPTH (m) TIME 0.0 08:08:00 PM 0.3 08:08:51 PM 0.6 08:09:18 PM 0.6 08:11:26 PM 0.9 08:12:21 PM 0.9 08:15:13 PM		

SHEET PILE ID: 176				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
13-Sep-95	0.0	08:22:33 PM	START DRIVING PILE #176	
	0.3	08:22:41 PM		
	0.6	08:23:17 PM	· ·	
	0.9	08:23:48 PM		
	1.2	08:24:23 PM	MOVE TO PILE #177	

SHEET PILE I	D:	177	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
13-Sep-95	0.0	08:25:41 PM	START DRIVING PILE #177
	0.3	08:26:41 PM	
	0.6	08:26:54 PM	
	0.9	08:27:11 PM	
***	1.2	08:27:22 PM	
	1.5	08:28:17 PM	END OF DAY
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE ID: 178				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
13-Sep-95	0.0	07:38:33 PM	START DRIVING PILE #178	
	0.3	07:38:44 PM	STOP FOR ADJUSTMENT	
	0.3	07:42:16 PM		
	0.6	07:42:46 PM		
	0.9	07:43:13 PM		
	1.2	07:43:44 PM		
	1.5	07:44:02 PM	MOVE TO PILE #173	
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HEET PILE	**	179	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
14-Sep-95	0.0	09:18:15 AM	START DRIVING PILE #179
	0.3	09:18:21 AM	
	0.6	09:18:26 AM	
	0.9	09:18:34 AM	STOP FOR ADJUSTMENT
	0.9	09:20:20 AM	
	1.2	09:20:26 AM	
	1.5	09:20:41 AM	
	1.8	09:21:00 AM	
	2.1	09:21:16 AM	
	2.4	09:21:54 AM	
	2.7	09:23:36 AM	MOVE TO PILE #180
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

SHEET PILE I	D:	180	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
14-Sep-95	0.0	09:27:41 AM	START DRIVING PILE #180
	0.3	09:27:45 AM	
	0.6	09:28:02 AM	
	0.9	09:28:22 AM	
	1.2	09:28:43 AM	
	1.5	09:28:57 AM	
	1.8	09:29:23 AM	
	2.1	09:33:03 AM	
	2.4	09:33:44 AM	MOVE TO PILE #181
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SHEET PILE I	D:	181	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
14-Sep-95	0.0	09:34:36 AM	START DRIVING PILE #181
	0.3	09:34:44 AM	
	0.6	09:35:02 AM	
	0.9	09:35:28 AM	
	1.2	09:36:02 AM	
	1.5	09:36:45 AM	
	1.8	09:37:37 AM	
	2.1	09:38:29 AM	MOVE TO PILE #182
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SHEET PILE ID: 182				
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS	
14-Sep-95	0.0	09:40:39 AM	START DRIVING PILE #182	
	0.3	09:40:56 AM		
	0.6	09:41:22 AM		
	0.9	09:41:56 AM		
	1.2	09:42:31 AM		
	1.5	09:43:14 AM		
	1.8	09:44:06 AM	MOVE TO PILE #183	
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OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY WATERLOO BARRIER SYSTEM

HEET PILE			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
14-Sep-95	0.0	09:46:16 AM	START DRIVING PILE #183
	0.3	09:46:33 AM	
	0.6	09:46:59 AM	
	0.9	09:47:33 AM	
	1.2	09:48:08 AM	
	1.5	09:48:51 AM	
	1.8	09:49:52 AM	MOVE TO PILE #184
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SHEET PILE I	D:	184	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
14-Sep-95	0.0	09:52:01 AM	START DRIVING PILE #184
	0.3	09:52:19 AM	
	0.6	09:52:53 AM	
	0.9	09:53:36 AM	
	1.2	09:54:37 AM	MOVE TO PILE #185
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SHEET PILE I	D:	185	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
14-Sep-95	0.0	09:05:49 AM	START DRIVING PILE #185
	0.3	09:05:59 AM	STOP FOR ADJUSTMENT
	0.3	09:14:33 AM	
	0.6	09:15:01 AM	MOVE TO PILE #179
			EXCAVATE REMAINING PILES DUE TO PRESENCE
			OF FRACTURED BEDROCK LAYER FROM 0.3m
			DEPTH TO THE FULL DEPTH OF THE PILES.
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