

TA 006

C3 ENVIRONMENTAL
(A DIVISION OF CANADIAN CONSTRUCTION CONTROLS LIMITED)

WATERLOO BARRIER™ 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 Barrier™ 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 DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		17	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 19		DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	0.0	01:32:18 PM			START DRIVING PILE #19
	0.3	01:32:20 PM			
	0.6	01:32:48 PM			
	0.9	01:33:19 PM			
	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			
	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

SHEET PILE DRIVING LOG

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

SHEET 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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		22	
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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		23	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
02-Sep-95	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	
	0.6	02:56:35 PM	
	0.9	02:56:55 PM	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
03-Sep-95	3.0	09:20:00 AM	START DRIVING PILE #23
	3.4	09:20:21 AM	
	3.7	09:21:03 AM	
	4.0	09:22:17 AM	
	4.3	09:22:57 AM	MOVE TO PILE #24

SHEET PILE DRIVING LOG

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY

WATERLOO BARRIER SYSTEM

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY

WATERLOO BARRIER SYSTEM

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY

WATERLOO BARRIER SYSTEM

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 31			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	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
09-Sep-95	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

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
SHEET PILE ID: 36			
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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		38	
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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		40	
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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG
OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY
WATERLOO BARRIER SYSTEM

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		43	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
03-Sep-95	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	
	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
09-Sep-95	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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG

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

DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
SHEET PILE ID: 46			
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 DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		48	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
04-Sep-95	0.0	11:27:48 AM	START DRIVING PILE #48
	0.3	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

SHEET PILE DRIVING LOG
OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY
WATERLOO BARRIER SYSTEM

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

SHEET PILE DRIVING LOG
OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY
WATERLOO BARRIER SYSTEM

SHEET PILE 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY
WATERLOO 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
SHEET PILE ID: 63			
05-Sep-95	0.0	09:41:16 AM	START DRIVING PILE #63
	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	MOVE TO PILE #64
09-Sep-95	1.5	04:44:55 PM	START DRIVING PILE #63
	1.8	04:46:13 PM	MOVE TO PILE #64

SHEET PILE DRIVING LOG
 OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY
 WATERLOO BARRIER SYSTEM

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		78	
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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		81	
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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 98			
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-Sep-95	0.0	09:56:39 AM	START DRIVING PILE #98
	0.3	09:56:46 AM	
	0.6	09:57:15 AM	
	0.9	09:57:28 AM	
	1.2	09:58:04 AM	
	1.5	09:58:38 AM	
	1.8	09:59:18 AM	MOVE TO PILE #99

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG
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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG
OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY
WATERLOO BARRIER SYSTEM

SHEET PILE ID:		116	
DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
06-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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

**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

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG
OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY
WATERLOO BARRIER SYSTEM

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		129	
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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 148			
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

SHEET PILE DRIVING LOG

OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY

WATERLOO BARRIER SYSTEM

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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	

SHEET PILE DRIVING LOG

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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG
OLD VENUS MINE SITE, CARCROSS, YUKON TERRITORY
WATERLOO BARRIER SYSTEM

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID: 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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

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

SHEET PILE DRIVING LOG

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

SHEET 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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		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

SHEET PILE DRIVING LOG

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

SHEET PILE ID:		183	
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

SHEET PILE DRIVING LOG

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

DATE	DEPTH (m)	TIME	OPERATIONAL REMARKS
SHEET PILE ID: 185			
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.