

## **ATTACHMENT 4**

## **DRILLING LOGS**

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-01	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT				8. HOLE LOCATION MARYSVILLE ROAD			
4-1/4" HSA				9. SURFACE ELEVATION			
5' CONTINUOUS SAMPLER				10. DATE STARTED 8-21-02		11. DATE COMPLETED 8-21-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 10.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
						OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		23. SIGNATURE OF INSPECTOR J. WAGNER	
						W/GROUT CAP	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 27.3 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> <p style="margin-top: 100px;">BORING</p> </div> <div style="text-align: center;"> <p style="margin-top: 100px;">X ←</p> <p style="margin-top: 10px;">27.3 FT</p> <p style="margin-top: 10px;">→ ●</p> <p style="margin-top: 10px;">SURVEYED STAKE</p> <p style="margin-top: 10px;">(N-923723.8, E-1296576.6)</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px; text-align: right;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-01	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-01
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER			SHEET 2 OF 2	SHEETS 2
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	CLAYEY SAND (SP): NO PLASTICITY, DRY, LIGHT YELLOWISH BROWN CLAY 20% WITH FINE TO MEDIUM SAND	USING JEROME METER				BEGIN DRILLING AT 11:30 ON 8/21/02 USING 4-1/4 INCH HSA WITH 5 FT CONTINUOUS SAMPLER  TIME: 11:35 REC: 4.0 FT
	2	SAND (SC): FINE TO MEDIUM SAND, NO PLASTICITY, DRY, LIGHT GRAY TO GRAYISH WHITE TOWARDS BOTTOM WITH FINE-CRS GRAVEL ROCK FRAGMENTS					
	3						
1	4						
	5	CRS. SAND (SC) WITH 30-35% GRAVEL					TIME: 11:45 REC: 1.0 FT  A LOT OF GRAVEL AND COBBLES
	6			TOOK SAMPLE FOR GORDON			
2	7						
	8						
	9						
3	10	BOTTOM OF HOLE 10 FT					

PROJECT MARYSVILLE ROAD

HOLE NO. MR02-01

HTRW DRILLING LOG				DISTRICT NWO				HOLE NUMBER MR02-02			
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR				SHEET 1 OF 2 SHEETS			
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD							
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C							
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER 1.5' 2" SPLIT SPOON SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD				9. SURFACE ELEVATION			
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A				10. DATE STARTED 8-21-02			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				11. DATE COMPLETED 8-21-02			
14. TOTAL DEPTH OF HOLE 10.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES (VISUAL ONLY-NO ANALYSIS)				DISTURBED (2-LEWIS)		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A			
20. SAMPLES FOR CHEMICAL ANALYSIS				pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE		OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE				BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP		21. TOTAL CORE RECOVERY %	
23. SIGNATURE OF INSPECTOR J. WAGNER											
LOCATION SKETCH/COMMENTS								SCALE			
<p style="text-align: center;">HOLE IS 25 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 10%; left: 40%;"> <p>BORING</p> <p>X ←</p> </div> <div style="position: absolute; top: 10%; right: 40%;"> <p>→ SURVEYED STAKE</p> <p>(N-922799.1, E-1294297.0)</p> <p>25 FT</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>											
PROJECT MARYSVILLE ROAD								HOLE NO. MR02-02			

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-02
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER			SHEET 2 OF 2	SHEETS 2
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY, LIGHT DENSITY, DRY, LIGHT GRAY, FINE TO CRS SAND ROCK FRAGMENTS, ANGULAR, 0-5% CLAY	USING JEROME METER  0.00 MG/M <sup>3</sup> SAMPLE	TOOK SAMPLE FOR GORDON LEWIS		9	BEGIN DRILLING AT 13:25 ON 8/21/02 USING 4-1/4 INCH HSA SPLIT SPOON 2-INCH AND 5 FT CONTINUOUS SAMPLER
	2	SANDY CLAY (CL): MEDIUM TO LOW PLASTICITY, MEDIUM DENSITY, LIGHT YELLOW ORANGE, FINE TO MEDIUM SAND WITH 20-30% CLAY, WITH 50% FINE GRAVEL TO CRS SAND	0.00 MG/M <sup>3</sup> SAMPLE	TOOK SAMPLE FOR GORDON LEWIS		6	TIME: 13:25 REC: 1.0 FT (N) BLOWCOUNTS: 11
	3					5	
	4	SAND (SP): NO PLASTICITY, LOW DENSITY, LIGHT WHITISH YELLOW, FINE TO CRS SAND, TRACE OF CLAY WITH ROCK FRAGMENTS				4	TIME: 13:30 REC: 1.0 FT (N): 13
	5					5	
	6					8	
	7					9	
	8					8	TIME: 13:40 REC: 1.2 FT (N) : 16
	9					8	
	10	SAME AS ABOVE, LARGE CHUNKS OF NATIVE SANDSTONE PRESENT AROUND HERE. VERY DIRTY, POORLY SORTED YELLOWISH GRAY COLOR	0.00 MG/M <sup>3</sup> CUTTINGS				TIME: 13:54 REC: 1.0 FT  CONTINUOUS SAMPLER TO 10 FT
3	10	BOTTOM OF HOLE 10 FT					

PROJECT MARYSVILLE ROAD

HOLE NO. MR02-02

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-03	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD			
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-21-02		11. DATE COMPLETED 8-21-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 8.5'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS 1-8 OZ JAR		OTHER (SPECIFY) TOTAL CYANIDE	
						OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP		23. SIGNATURE OF INSPECTOR J. WAGNER	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 23 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <p style="margin-top: 20px;">1-8 OZ GLASS JAR - METALS pH 1-4 OZ GLASS JAR - TOTAL CYANIDE 1 PINT BAG - ACID BASE ACCOUNTING</p>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-03	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-03
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER				SHEET 2 OF 2
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	CLAY (CL): DAMP, MEDIUM PLASTICITY, MEDIUM DENSITY, OLIVE GRAY, FINE SAND 5-10%, TOPSOIL LIKE	USING JEROME METER 0.00 MG/M <sup>3</sup>				BEGIN DRILLING AT 14:55 ON 8/21/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER  TIME: 13:00 REC: 4.0 FT
	2	SAND (SP): NO PLASTICITY, DRY, LIGHT YELLOWISH ORANGE, FINE TO CRS SAND 50% GRAVEL, 5-10% CLAY					
1	3						
	4						
	5						
	6	SAME AS ABOVE					
2	7						TIME: 15:10 REC: .5 FT CAN ONLY GET TO 8-1/2 FT RIG IS STANDING UP ON AUGER MUST BE LARGE COBBLE
	8	BOTTOM OF HOLE 8.5 FT					HAD LARGE COBBLE IN BOTTOM OF SAMPLER
	9						
3	10						

PROJECT MARYSVILLE ROAD

HOLE NO. MR02-03

HTRW DRILLING LOG				DISTRICT NWO				HOLE NUMBER MR02-04			
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR				SHEET 1 OF 2 SHEETS			
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD							
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C							
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD							
				9. SURFACE ELEVATION							
				10. DATE STARTED 8-22-02				11. DATE COMPLETED 8-22-02			
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A							
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 8.5'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A					
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE		OTHER (SPECIFY) ABA		21. TOTAL CORE RECOVERY %	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP		23. SIGNATURE OF INSPECTOR J. WAGNER			
LOCATION SKETCH/COMMENTS								SCALE			
<div style="text-align: center;"> <p>HOLE IS 21.5 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <p style="margin-left: 600px;">1-8 OZ GLASS JAR - METALS pH 1-4 OZ GLASS JAR - TOTAL CYANIDE 1 PINT BAG - ACID BASE ACCOUNTING</p> </div>											
PROJECT MARYSVILLE ROAD								HOLE NO. MR02-04			

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-04
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER			SHEET 2 OF 2	SHEETS
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY, MEDIUM DENSITY, DRY, LIGHT WHITISH YELLOW ORANGE, FINE TO CRS. WITH GRAVEL ROCK FRAGMENTS AND QUARRY GRAVEL (LIMESTONE) CLAY 0-5%					BEGIN DRILLING AT 07:45 ON 8/22/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER  TIME: 07:43 REC: 3.0 FT
	2						
1	3						
	4						
	5						
	6	SAME AS ABOVE ROCK FRAGMENTS ARE GREATER 10-15%					
2	7						TIME: 07:50 REC: 2.0 FT
	8						HIT REFUSAL AT 8.5 FT. VERY HARD. LARGE COBBLE OR GOOD CHANCE TOP OF ROCK
	9	BOTTOM OF HOLE 8.5 FT					
3	10						

PROJECT MARYSVILLE ROAD

HOLE NO. MR02-04

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-05	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD			
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-22-02		11. DATE COMPLETED 8-22-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 6.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
						OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		23. SIGNATURE OF INSPECTOR J. WAGNER	
						W/GROUT CAP	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 22 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> <p>BORING</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-05	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-05
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER			SHEET 2 OF 2 SHEETS	
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		SAND (SP): NO PLASTICITY, MEDIUM DENSITY, DRY, FINE TO CRS SAND, 5-10% CLAY, GRAVEL 10%, INCREASES IN % TO BOTTOM OF HOLE	USING JEROME METER				BEGIN DRILLING AT 08:30 ON 8/22/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	1		0.00 MG/M <sup>3</sup>				TIME: 08:35 REC: 4.5 FT
	2		PROBLEMS WITH METER NEEDS TO ZERO, BUT IT WON'T WORK				
	3		HAVE TO REGENERATE				
1							
	4						
	5	BEGIN GETTING INTO ROCK					
	6	BOTTOM OF HOLE 6 FT					
2							TIME: 08:40 REC: 1.0 FT
	7						LOOKS LIKE WE'RE ON TOP OF ROCK
	8						
	9						
3	10						

PROJECT MARYSVILLE ROAD

HOLE NO. MR02-05

HTRW DRILLING LOG				DISTRICT NWO				HOLE NUMBER MR02-06			
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR				SHEET 1 OF 2 SHEETS			
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD							
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C							
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD							
				9. SURFACE ELEVATION							
				10. DATE STARTED 8-22-02				11. DATE COMPLETED 8-22-02			
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A							
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 10.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A					
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE		OTHER (SPECIFY) ABA		21. TOTAL CORE RECOVERY %	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP		23. SIGNATURE OF INSPECTOR J. WAGNER			
LOCATION SKETCH/COMMENTS								SCALE			
<p style="text-align: center;">HOLE IS 10 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> <p style="text-align: center;">BORING</p> <p style="text-align: center;">X ← → ● SURVEYED STAKE (N-923404.1, E-1287336.5) 10 FT</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> <p>1-8 OZ GLASS JAR - METALS, pH 1-4 OZ GLASS JAR - TOTAL CYANIDE 1 PINT BAG - ACID BASE ACCOUNTING</p> </div> </div>											
PROJECT MARYSVILLE ROAD								HOLE NO. MR02-06			

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MR02-06

PROJECT

MARYSVILLE ROAD

INSPECTOR

J. WAGNER

SHEET

SHEETS

2 OF 2

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		SAND CLAY (CL): LOW PLASTICITY, DAMP, YELLOWISH ORANGE, FINE TO MEDIUM SAND 10-20%	NOT USING JEROME METER				BEGIN DRILLING AT 10:50 ON 8/22/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	1	SAND (SP): NO PLASTICITY, DRY, LIGHT YELLOWISH BROWN, FINE TO CRS WITH GRAVEL ROCK FRAGMENTS, 5-10% CLAY					TIME: 10:55 REC: 4.0 FT
	2						
	3						
1	4						
	5	SAME AS ABOVE					
	6						
2	7						TIME: 11:00 REC: 3.5 FT
	8						
	9						
3	10	BOTTOM OF HOLE 10 FT					

PROJECT

MARYSVILLE ROAD

HOLE NO.

MR02-06

HTRW DRILLING LOG				DISTRICT NWO				HOLE NUMBER MR02-07			
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR				SHEET 1 OF 2 SHEETS			
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD							
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C							
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD							
				9. SURFACE ELEVATION							
				10. DATE STARTED 8-22-02				11. DATE COMPLETED 8-22-02			
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A							
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 7.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A					
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE		OTHER (SPECIFY) ABA		21. TOTAL CORE RECOVERY %	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP		23. SIGNATURE OF INSPECTOR J. WAGNER			
LOCATION SKETCH/COMMENTS								SCALE			
<p style="text-align: center;">HOLE IS 21.0 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>											
PROJECT MARYSVILLE ROAD								HOLE NO. MR02-07			

# HTRW DRILLING LOG (CONTINUATION SHEET)

PROJECT MARYSVILLE ROAD INSPECTOR J. WAGNER HOLE NUMBER MR02-07 SHEET 2 OF 2 SHEETS

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY, WHITISH GRAY TO YELLOWISH ORANGE IN COLOR. FINE TO CRS GRAIN. 20-30% GRAVEL. WITH 5-10% CLAY					BEGIN DRILLING AT 11:33 ON 8/22/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	2						TIME: 11:35 REC: 3.0 FT
	3						
1	4						
	5						
	6	SAND CLAY (CL): NO TO LOW PLASTICITY. DAMP, YELLOWISH ORANGE. FINE TO CRS SAND 20-25% WITH GRAVEL. LIMESTONE ROCK FRAGMENTS					
2	7	PROBABLY NOT WHAT THEY WERE MINING					TIME: 11:45 REC: 2.0 FT
	8	BOTTOM OF HOLE 7.0 FT					
	9						HIT REFUSAL-COBBLER OR BEDROCK
3	10						

PROJECT MARYSVILLE ROAD HOLE NO. MR02-07

HTRW DRILLING LOG				DISTRICT NWO				HOLE NUMBER MR02-08		
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR				SHEET 1 OF 2 SHEETS		
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD						
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C						
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD						
				9. SURFACE ELEVATION						
				10. DATE STARTED 8-22-02				11. DATE COMPLETED 8-22-02		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A						
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A						
14. TOTAL DEPTH OF HOLE 10.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A						
18. GEOTECHNICAL SAMPLES			DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A			
20. SAMPLES FOR CHEMICAL ANALYSIS			pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE		OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE			BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP		21. TOTAL CORE RECOVERY %	
23. SIGNATURE OF INSPECTOR J. WAGNER										
LOCATION SKETCH/COMMENTS								SCALE		
<p style="text-align: center;">HOLE IS 11 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>										
PROJECT MARYSVILLE ROAD								HOLE NO. MR02-08		

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MR02-08

PROJECT

MARYSVILLE ROAD

INSPECTOR

J. WAGNER

SHEET

SHEETS

2 OF 2

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		SAND (SP): NO PLASTICITY. DRY. LIGHT GRAY TO MEDIUM GRAY. FINE TO CRS SAND WITH GRAVEL	NO JEROME METER				BEGIN DRILLING AT 13:25 ON 8/22/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	1						TIME: 13:33 REC:
	2						1.5 FT FIRST TIME 2.5 FT SECOND TIME
	3						OFFSET FROM ORIGINAL HOLE. TRIED AGAIN TO ?
1	4						
	5						
	6	SAME AS ABOVE. GRAVEL IN BLOCKS. CHUNKS OF LIMESTONE. PROBABLY WHAT WAS MINED					
	7						
2	8						
	9						
	10	BOTTOM OF HOLE 10 FT					TIME: 13:40 REC: 4.0 FT

PROJECT

MARYSVILLE ROAD

HOLE NO.

MR02-08

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-09	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER		8. HOLE LOCATION MARYSVILLE ROAD					
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-22-02		11. DATE COMPLETED 8-22-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 8.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
						OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		23. SIGNATURE OF INSPECTOR J. WAGNER	
						W/GROUT CAP	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 11 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> <p>BORING</p> </div> <div style="text-align: center;"> <p>SURVEYED STAKE</p> <p>(N-923952.6, E-1279192.4)</p> <p>11 FT</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-09	

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MR02-09

PROJECT

MARYSVILLE ROAD

INSPECTOR

J. WAGNER

SHEET

SHEETS

2 OF 2

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY, DRY, LIGHT GRAY TO GRAY, FINE TO CRS SAND WITH GRAVEL LIMESTONE ROCK FRAGMENTS	NO JEROME METER				BEGIN DRILLING AT 14:20 ON 8/22/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	2						
	3						
1	4						
	5	SAME AS ABOVE					
	6						
2	7						TIME: 14:34 REC: 3.0 FT
	8	BOTTOM OF HOLE 8.0 FT					
	9						
3	10						

PROJECT

MARYSVILLE ROAD

HOLE NO.

MR02-09

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-10	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD			
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-22-02		11. DATE COMPLETED 8-22-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 6.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP	
22. DISPOSITION OF HOLE				23. SIGNATURE OF INSPECTOR J. WAGNER		21. TOTAL CORE RECOVERY %	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 9.5 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>BORING</p> <p>SURVEYED STAKE (N-923478.0, E-1277222.5)</p> <p>9.5 FT</p> <p>1-8 OZ GLASS JAR - METALS pH 1-4 OZ GLASS JAR - TOTAL CYANIDE 1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-10	

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MR02-10

PROJECT

MARYSVILLE ROAD

INSPECTOR

J. WAGNER

SHEET

SHEETS

2 OF 2

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY. DRY, LIGHT GRAY TO YELLOWISH GRAY, FINE TO CRS SAND WITH GRAVEL (LIMESTONE CLASTS)	NO JEROME METER				TIME: 13:03 REC: 2.5 FT
	2						
	3						
1	4						
	5	SAME AS ABOVE					
	6	BOTTOM OF HOLE 6.0 FT					
	7	ROCK					TIME: 15:10 REC: 1.0 FT
	8						
	9						
3	10						

PROJECT

MARYSVILLE ROAD

HOLE NO.

MR02-10

HTRW DRILLING LOG				DISTRICT NWO				HOLE NUMBER MR02-11			
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR				SHEET 1 OF 2 SHEETS			
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD							
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C							
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD							
				9. SURFACE ELEVATION							
				10. DATE STARTED 8-22-02				11. DATE COMPLETED 8-22-02			
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A							
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 7.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A					
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE		OTHER (SPECIFY) ABA		OTHER (SPECIFY)	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP		23. SIGNATURE OF INSPECTOR J. WAGNER		21. TOTAL CORE RECOVERY %	
LOCATION SKETCH/COMMENTS								SCALE			
<p style="text-align: center;">HOLE IS 10.5 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <span style="font-size: 24pt;">SOUTH SIDE</span> <div style="flex-grow: 1; text-align: center;"> </div> <span style="font-size: 24pt;">NORTH SIDE</span> </div> <div style="margin-top: 20px; text-align: right;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>											
PROJECT MARYSVILLE ROAD								HOLE NO. MR02-11			

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MR02-11

PROJECT

MARYSVILLE ROAD

INSPECTOR

J. WAGNER

SHEET

SHEETS

2 OF 2

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEO TECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY. DRY, LIGHT REDDISH BROWN, FINE TO CRS SAND WITH GRAVEL (LIMESTONE) TO LIGHT WHITISH GRAY	NO JEROME METER				BEGIN DRILLING AT 15:30 ON 8/22/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	2						
	3						
1	4						
	5	SAME AS ABOVE					
	6						
2	7	BOTTOM OF HOLE 7.0 FT					TIME: 15:47 REC: 2.0 FT
	8						
	9						
3	10						

PROJECT

MARYSVILLE ROAD

HOLE NO.

MR02-11

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-12	
1. COMPANY NAME CENWD-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD			
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 5.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP	
22. DISPOSITION OF HOLE				OTHER (SPECIFY) ABA		21. TOTAL CORE RECOVERY %	
				23. SIGNATURE OF INSPECTOR J. WAGNER			
LOCATION SKETCH/COMMENTS						SCALE	
<div style="text-align: center; margin-bottom: 20px;"> HOLE IS 10.5 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p style="text-align: center; font-size: 1.2em;">SOUTH SIDE</p> </div> <div style="width: 30%; text-align: center;"> <p style="text-align: center; font-size: 1.2em;">NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-12	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-12
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER				SHEET 2 OF 2
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		SAND (SP): NO PLASTICITY, DRY, LIGHT GRAY TO OLIVE GRAY, FINE TO CRS SAND WITH GRAVEL (ROCK LIMESTONE)	NO JEROME METER				TIME: 07:35 REC: 3.5 FT
	1						
	2						
	3						
1	4						
	5	BOTTOM OF HOLE 5.0 FT					
	6						
2	7						
	8						
	9						
3	10						

PROJECT MARYSVILLE ROAD	HOLE NO. MR02-12
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HTRW DRILLING LOG				DISTRICT NWO				HOLE NUMBER MR02-13	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR				SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD					
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C					
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD					
				9. SURFACE ELEVATION					
				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02			
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A					
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 1.5'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A			
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE		OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP		21. TOTAL CORE RECOVERY %	
23. SIGNATURE OF INSPECTOR J. WAGNER									
LOCATION SKETCH/COMMENTS								SCALE	
<p style="text-align: center;">HOLE IS 11.0 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 45%;">SOUTH SIDE</div> <div style="width: 10%; text-align: center;"> </div> <div style="width: 45%;">NORTH SIDE</div> </div> <div style="margin-top: 20px;"> <p>BORING</p> <p>SURVEYED STAKE</p> <p>(N-923382.5, E-1274888.1)</p> <p>11.0 FT</p> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>									
PROJECT MARYSVILLE ROAD								HOLE NO. MR02-13	

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MR02-13

PROJECT

MARYSVILLE ROAD

INSPECTOR

J. WAGNER

SHEET

2 OF 2

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY. DRY, LIGHT GRAY, FINE TO CRS SAND WITH GRAVEL (ROCK FRAGMENTS) 5% CLAY	NO JEROME METER				BEGIN DRILLING AT 07:55 ON 8/23/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
		BOTTOM OF HOLE 1.5 FT					TIME: 08:05 REC: 1.5 FT
	2						
	3						
1	4						
	5						
	6						
2	7						
	8						
	9						
3	10						

PROJECT

MARYSVILLE ROAD

HOLE NO.

MR02-13

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-14	
1. COMPANY NAME CENWO-ED-CG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT				8. HOLE LOCATION MARYSVILLE ROAD			
4-1/4" HSA				9. SURFACE ELEVATION			
5' CONTINUOUS SAMPLER				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 1.5'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES (VISUAL ONLY-NO ANALYSIS)		DISTURBED (1-LEWIS)		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP	
22. DISPOSITION OF HOLE				23. SIGNATURE OF INSPECTOR J. WAGNER		21. TOTAL CORE RECOVERY %	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 11.0 FT FROM SURVEYED STAKE</p> <p style="text-align: right;">         1-8 OZ GLASS JAR - METALS pH          1-4 OZ GLASS JAR - TOTAL CYANIDE          1 PINT BAG - ACID BASE ACCOUNTING       </p>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-14	

# HTRW DRILLING LOG (CONTINUATION SHEET)

PROJECT MARYSVILLE ROAD	INSPECTOR J. WAGNER	HOLE NUMBER MR02-14
		SHEET 2 OF 2 SHEETS

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY. DRY, LIGHT GRAY, FINE TO CRS SAND WITH GRAVEL (LIMESTONE ROCK FRAGMENTS), CLAY	NO JEROME METER	TOOK SAMPLE FOR GORDON LEWIS			BEGIN DRILLING AT 08:20 ON 8/23/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
		BOTTOM OF HOLE 1.5 FT					TIME: 08:30 REC: 1.0 FT
	2						
	3						
1	4						
	5						
	6						
2	7						
	8						
	9						
3	10						

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-15	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD			
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 6.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP	
22. DISPOSITION OF HOLE						21. TOTAL CORE RECOVERY % 23. SIGNATURE OF INSPECTOR J. WAGNER	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 10.0 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-15	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-15
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER			SHEET 2	SHEETS OF 2
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY, DRY, LIGHT GRAY, FINE TO CRS SAND WITH GRAVEL (ROCK FRAGMENTS LIMESTONE), TRACE CLAY AT TOP					BEGIN DRILLING AT 09:00 ON 8/23/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	2						TIME: 13:33 REC: 5 FT USING JUST AUGERS TO ADVANCE PAST 1/2 FT PROBABLY A LARGE BOULDER? TRYING AGAIN TO GET FARTHER. THINK WE'RE ON A LARGE BOULDER
1	3	2ND ATTEMPT MADE IT FROM 2.5-5.0; 1 PICTURE LABELED 0-2.5. CLAY CONTENT INCREASES TO 15-25%. APPEARS TO BE TAILINGS. ALTERATION PRESENT (?) NOT LIKELY.					
	4						
	5						
	6	BOTTOM OF HOLE 6.0 FT					
2	7						TIME: 09:30 REC: 1.0 FT
	8						
	9						
3	10						

PROJECT MARYSVILLE ROAD	HOLE NO. MR02-15
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HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-16	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT				8. HOLE LOCATION MARYSVILLE ROAD			
4-1/4" HSA				9. SURFACE ELEVATION			
5' CONTINUOUS SAMPLER				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02	
1.5 FT 2" SPLIT SPOON SAMPLER				12. OVERBURDEN THICKNESS N/A			
				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 6.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH		METALS		OTHER (SPECIFY)	
		✓		✓		TOTAL CYANIDE	
		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)	
		✓				W/GROUT CAP	
22. DISPOSITION OF HOLE				23. SIGNATURE OF INSPECTOR J. WAGNER		21. TOTAL CORE RECOVERY %	
LOCATION SKETCH/COMMENTS						SCALE	
<div style="text-align: center;"> <p>HOLE IS 12.0 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <p>1-8 OZ GLASS JAR - METALS pH 1-4 OZ GLASS JAR - TOTAL CYANIDE 1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-16	

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MR02-16

PROJECT

MARYSVILLE ROAD

INSPECTOR

J. WAGNER

SHEET

SHEETS

2 OF 2

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		SAND (SP): NO PLASTICITY, DRY, LIGHT GRAY, FINE TO CRS SAND WITH GRAVEL (ROCK FRAGMENTS), TRACE CLAY	NO JEROME METER			24	BEGIN DRILLING AT 08:50 ON 8/23/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	1					30	
		FINE TO MEDIUM SAND IS 35-40% OF SAMPLE				12	TIME: 10:00 REC: 1.0 FT BLOWCOUNTS (N): 42
	2					14	TIME: 10:07 REC: 1.0 FT N: 40
						20	
	3					20	
1						7	
	4					5	TIME: 10:15 REC: 1.0 FT N: 10
						5	
	5						CONTINUE WITH CONTINUOUS SAMPLER  TIME: 10:25 REC: .4 FT
	6	BOTTOM OF HOLE 6.0 FT					
		ROCK					
2							
	7						
	8						
	9						
3	10						

PROJECT

MARYSVILLE ROAD

HOLE NO.

MR02-16

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-17	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT				8. HOLE LOCATION MARYSVILLE ROAD			
4-1/4" HSA				9. SURFACE ELEVATION			
5' CONTINUOUS SAMPLER				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02	
1.5 FT 2" SPLIT SPOON SAMPLER				12. OVERBURDEN THICKNESS N/A			
				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 4.5'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP	
22. DISPOSITION OF HOLE						23. SIGNATURE OF INSPECTOR J. WAGNER	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 13.0 FT FROM SURVEYED STAKE</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">SOUTH SIDE</div> <div style="text-align: center;"> <p style="text-align: center;">BORING</p> <p style="text-align: center;">X</p> <p style="text-align: center;">13.0 FT</p> <p style="text-align: center;">6.0 FT</p> <p style="text-align: center;">SURVEYED STAKE (N-924485.0, E-1269261.3)</p> </div> <div style="text-align: center;">NORTH SIDE</div> </div> <div style="margin-top: 20px; text-align: right;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-17	

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER

MR02-17

PROJECT

MARYSVILLE ROAD

INSPECTOR

J. WAGNER

SHEET

SHEETS

2 OF 2

DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP): NO PLASTICITY. DRY, LIGHT GRAY, FINE TO CRS SAND WITH GRAVEL (LIMESTONE ROCK FRAGMENTS), CLAY	NO JEROME METER			12	TIME: 12:15
						26	REC: 1.0 FT
						32	N: 58
	2					9	TIME: 12:20
						7	REC: .5 FT
						4	N: 11
	3						NO PICTURE
1						6	TIME: 12:25
						8	REC: .2 FT
	4					7	N: 15
		BOTTOM OF HOLE 4.5 FT					NO PICTURE
	5	ROCK. MAY HAVE HIT ROCK AS HIGH AS 3 FT. VERY ROCKY					MUST BE PUSHING THROUGH ROCK. COULD NOT GET CONTINUOUS SAMPLER TO ADVANCE!
	6						
2							
	7						
	8						
	9						
3	10						

PROJECT

MARYSVILLE ROAD

HOLE NO.

MR02-17

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-18	
1. COMPANY NAME CENWD-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD			
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 9.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP	
22. DISPOSITION OF HOLE						23. SIGNATURE OF INSPECTOR J. WAGNER	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 8.0 FT. FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-18	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-18
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER				SHEET 2 OF 2
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		SAND (SP): NO PLASTICITY, DRY, OLIVE GRAY TO DARK GRAY, FINE TO CRS SAND. 0-10% CLAY. SOME ORGANIC MATERIAL (?) PRESENT					BEGIN DRILLING AT 12:50 ON 8/23/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	1						TIME: 12:56 REC: .5 FT
	2						PROBABLY PUSHING COBBLES ALL THE WAY
	3						
1	4						
	5	SAND (SP): CON'T BLACK. APPEARS TO CONTAIN BURNED ORGANIC MATTER. SULPHATES PRESENT?					TIME: 13:05 REC: 3.5 FT
	6			GEOTECH SAMPLE OF BLACK STUFF			
2	7						
	8						
	9	BOTTOM OF HOLE 9.0 FT					
	10						
3							

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-19	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER		8. HOLE LOCATION MARYSVILLE ROAD					
		9. SURFACE ELEVATION					
		10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02			
12. OVERBURDEN THICKNESS N/A		15. DEPTH GROUNDWATER ENCOUNTERED N/A					
13. DEPTH DRILLED INTO ROCK N/A		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 4.5'		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE				OTHER (SPECIFY) W/GROUT CAP		23. SIGNATURE OF INSPECTOR J. WAGNER	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 10.0 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <p style="margin-top: 20px;">1-8 OZ GLASS JAR - METALS pH 1-4 OZ GLASS JAR - TOTAL CYANIDE 1 PINT BAG - ACID BASE ACCOUNTING</p>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-19	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-19
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER				SHEET 2 OF 2
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		SAND (SP-SC?): NO PLASTICITY, LIGHT BROWN, FINE TO CRS SAND, 5-10% CLAY					BEGIN DRILLING AT 13:25 ON 8/23/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	1						TIME: 13:35 REC: .3 FT
	2						DID NOT TAKE PICTURE, REAL SOFT, GOT A LOT OF CUTTINGS
	3						
1	4						
		BOTTOM OF HOLE 4.5 FT					
		ROCK					
	5						
	6						
2	7						
	8						
	9						
3	10						

HTRW DRILLING LOG				DISTRICT NWD		HOLE NUMBER MRO2-20	
1. COMPANY NAME CENWD-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD			
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 4.5'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
						OTHER (SPECIFY) ABA	
22. DISPOSITION OF HOLE		BACKFILLED ✓		MONITORING WELL		23. SIGNATURE OF INSPECTOR J. WAGNER	
						W/GROUT CAP	
LOCATION SKETCH/COMMENTS						SCALE	
<p style="text-align: center;">HOLE IS 12.0 FT FROM SURVEYED STAKE STRAIGHT OUT TO ROAD</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>SOUTH SIDE</p> <p style="text-align: center;">BORING</p> </div> <div style="text-align: center;"> <p>NORTH SIDE</p> </div> </div> <div style="margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div>							
PROJECT MARYSVILLE ROAD						HOLE NO. MRO2-20	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-20
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER				SHEET 2 OF 2 SHEETS
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEO TECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
		SAND (SP-SW): NO PLASTICITY. DRY. LIGHT BROWN. FINE TO CRS GRAIN. MICAS AND PYRITE DEFINITELY CAME FROM SURROUNDING GRANITE					BEGIN DRILLING AT 13:45 ON 8/23/02 USING 4-1/4 INCH HSA AND 5 FT CONTINUOUS SAMPLER
	1						TIME: 13:54 REC: 1.0 FT
	2						
	3						
1	4						
		BOTTOM OF HOLE 4.5 FT					
	5						
	6						
2	7						
	8						
	9						
3	10						

HTRW DRILLING LOG				DISTRICT NWO		HOLE NUMBER MR02-21	
1. COMPANY NAME CENWO-ED-GG				2. DRILL SUBCONTRACTOR		SHEET 1 OF 2 SHEETS	
3. PROJECT MARYSVILLE ROAD				4. LOCATION MARYSVILLE ROAD			
5. NAME OF DRILLER JOE MORRISSEY				6. MANUFACTURER'S DESIGNATION OF DRILL GUS PECH 750C			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT 4-1/4" HSA 5' CONTINUOUS SAMPLER				8. HOLE LOCATION MARYSVILLE ROAD			
				9. SURFACE ELEVATION			
				10. DATE STARTED 8-23-02		11. DATE COMPLETED 8-23-02	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 5.0'				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED		UNDISTURBED		19. TOTAL NUMBER OF CORE BOXES N/A	
20. SAMPLES FOR CHEMICAL ANALYSIS		pH ✓		METALS ✓		OTHER (SPECIFY) TOTAL CYANIDE	
		BACKFILLED ✓		MONITORING WELL		OTHER (SPECIFY) W/GROUT CAP	
22. DISPOSITION OF HOLE				23. SIGNATURE OF INSPECTOR J. WAGNER		21. TOTAL CORE RECOVERY %	
LOCATION SKETCH/COMMENTS						SCALE	
<div style="text-align: center; margin-bottom: 20px;">S</div> <div style="text-align: center; margin-bottom: 20px;"> <div style="border: 2px solid black; width: 500px; height: 150px; margin: 0 auto;"></div> <p style="margin: 5px 0;">MILL FOUNDATION</p> </div> <div style="text-align: center; margin-bottom: 20px;"> <p style="margin: 5px 0;">STAKED LOCATION      BORING</p> <p style="margin: 5px 0;">1.0'</p> <p style="margin: 5px 0;">ABOUT 30' (WAGNER)</p> </div> <div style="text-align: center; margin-bottom: 20px;">N</div> <div style="text-align: right; margin-top: 20px;"> <p>1-8 OZ GLASS JAR - METALS pH</p> <p>1-4 OZ GLASS JAR - TOTAL CYANIDE</p> <p>1 PINT BAG - ACID BASE ACCOUNTING</p> </div> <p style="text-align: center; margin-top: 20px;">(NOTE: LOCATION NOT SURVEYED-MAYBERRY/HOLMES)</p>							
PROJECT MARYSVILLE ROAD						HOLE NO. MR02-21	

HTRW DRILLING LOG (CONTINUATION SHEET)							HOLE NUMBER MR02-21
PROJECT MARYSVILLE ROAD			INSPECTOR J. WAGNER				SHEET 2 OF 2 SHEETS
DEPTH METERS	DEPTH FEET	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEO TECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	1	SAND (SP-SW?): NO PLASTICITY. DRY. LIGHT GRAY TO BROWN. FINE TO CRS SAND. COBBLES. PYRITE. MICA RICH					TIME: 14:23 REC: 3.5 FT
	2						
	3						
1	4						
	5	BOTTOM OF HOLE 5.0 FT					
	6	ROCK					
	7						
	8						
	9						
3	10						

PROJECT MARYSVILLE ROAD

HOLE NO. MR02-21