

Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 1 of 10

Boring Location: South of Pit Lake, west of highway		Elevation: 4640.0 feet amsl	East: 324600 North: 1536992
Drilling Contractor: WDC	Driller: B. Zamow	Date Started: 7/22/05	Date Finished: 7/25/05
Drilling Equipment: Gus Pech GP24-400RS, Diedrich Sonic Head		Total Depth: (feet) 172.0	Water Depth: (feet)
Sampling Method: Core Barrel	Borehole Diameter: 6"	Well Diameter and Material: NA	
Drilling Method: Sonic, utilized 6" casing and a 4.5" core barrel		Screened Interval and Well Depth: NA	
Well Seal: Abandoned with Cement-Bentonite Grout		Slot Size: NA	Filter Material: NA
Logged By: C. Gardner		Development Method: NA	

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
5	4635	GM	SILTY GRAVEL with SAND (0-5 feet) Dry, very dense, no odor. Predominately gravel to 70 mm with ~30% medium to fine sand, ~10% coarse sand, and ~15% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are light brown, and have a strong reaction to HCl.				Descriptions of drilled cuttings based on ASTM Method D-2488 (the visual-manual procedure), grain-size determinations and nomenclature based on the Unified Soil Classification System. Munsell colors described wet. Horizontal survey data is expressed in the Nevada State Plane system, Nevada West zone, in feet. Sharp contacts indicated by solid lines, gradational contacts indicated by dashed line.	
		GM	SILTY GRAVEL with SAND (5-6 feet) Dry, very dense, no odor. Predominately gravel to 50 mm with ~30% medium to fine sand, ~10% coarse sand, and ~15% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have low plasticity and toughness, are light brown, and have a strong reaction to HCl.				Dry borehole, no well installed, borehole abandoned.	
		GM	SILTY GRAVEL with SAND (6-10 feet) Dry, very dense, no odor. Predominately gravel to 70 mm with ~30% medium to fine sand, ~10% coarse sand, and ~15% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are light brown, and have a strong reaction to HCl.				Abandoned with cement-bentonite grout, installed from land surface to total depth.	
10	4630	CL	SANDY LEAN CLAY (10-13 feet) Dry, very very hard, no odor. Predominately silt and clay with ~45% medium to fine sand and trace fine gravel to 10 mm. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and low toughness, are brown (10YR 4/3), and have a strong reaction to HCl.					
		SM	SILTY SAND with GRAVEL (13-15 feet) Dry, very dense, no odor. Predominately coarse to medium sand with ~30% gravel to 20 mm and ~15% silt and clay. The sand and gravel are angular to subangular. The fines are nonplastic, are light brown, and do not react to HCl.					
	4625							

SONIC METHOD LOG YERINGTON.GPJ BRN&CALD.GDT 1/31/06

Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 2 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
			NO RECOVERY					
20	4620	CL	SANDY LEAN CLAY (18-21 feet) Dry, very very hard, no odor. Predominately silt and clay with ~50% medium to fine sand and trace gravel to 60 mm. The sand is angular to subangular, the gravel is angular to subrounded. The fines have medium plasticity and toughness, are grayish brown (2.5Y 5/2), and have a weak to strong reaction to HCl.					
25	4615	GM	SILTY GRAVEL with SAND (21-25 feet) Dry, very dense, no odor. Predominately gravel to 50 mm with ~30% coarse to fine sand and ~20% silt and clay. The sand and gravel are angular to subangular. The fines are nonplastic, are light brown, and have a weak to strong reaction to HCl.					
		SM	SILTY SAND with GRAVEL (25-26.5 feet) Dry, very dense, no odor. Predominately medium to fine sand with ~15% coarse sand, ~20% gravel to 30 mm, and ~20% silt and clay. The sand and gravel are subangular to subrounded. The fines have slight plasticity and low toughness, are light grayish brown, and have a weak reaction to HCl.					
		GM	SILTY GRAVEL with SAND (26.5-34 feet) Dry, very dense, no odor. Predominately gravel to 40 mm with ~35% sand and ~15% silt and clay. The sand and gravel are angular to subangular. The fines have low plasticity and toughness and have a weak reaction to HCl.					
30	4610	SC	CLAYEY SAND with GRAVEL (34-36.5 feet) Dry, very dense, no odor.					

SONIC METHOD LOG - YERINGTON.GPJ - BRN&CALD.GDT 1/31/06

Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 3 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
35	4605		Predominately medium fine sand with ~15% coarse sand, ~15% gravel to 50 mm, and ~35% silt and clay. The sand and gravel are subangular to subrounded. The fines have medium plasticity and toughness, are grayish brown, and have a weak reaction to HCl.					
		SM	SILTY SAND with GRAVEL (36.5-38 feet) Dry, very dense, no odor. Predominately medium to fine sand with ~20% coarse sand, ~20% gravel to 60 mm, and ~20% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are light grayish brown, and have a strong reaction to HCl. NO RECOVERY					
40	4600	SC	CLAYEY SAND with GRAVEL (40-40.75 feet) Dry, very dense, no odor.					
		SM	Predominately sand with ~25% fine gravel to 10 mm and ~35% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and low toughness, are grayish brown, and have a weak reaction to HCl.					
			SILTY SAND with GRAVEL (40.75-44 feet) Dry, very dense, no odor. Predominately coarse to medium sand with ~20% gravel to 50 mm and ~30% silt and clay. The sand is subangular to subrounded, the gravel is subangular. The fines have low plasticity and toughness, are grayish brown, and have a weak reaction to HCl.					
45	4595	SC	CLAYEY SAND with GRAVEL (44-46 feet) Dry, very dense, no odor. Predominately coarse to fine sand with ~25% gravel to 30 mm and ~35% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are grayish brown (10YR 5/2), and have a strong reaction to HCl.					
		SW-SM	SAND with SILT and GRAVEL (46-50 feet) Dry, medium dense, no odor. Predominately medium to fine sand with ~20% coarse sand, ~25% gravel to 20 mm and ~10% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are light brown, and do not react to HCl.					
50	4590	SC	CLAYEY SAND with GRAVEL (50-51 feet) Dry, very dense, no odor. Predominately sand with ~15% gravel to 45 mm and ~15% silt and clay. The sand and gravel are angular to subangular. The fines have medium plasticity and low toughness, are light brown, and do not react to HCl.					
		SM	SILTY SAND with GRAVEL (51-54 feet) Dry, medium dense, no odor. Predominately sand with ~35% gravel to 75 mm and ~20% silt and clay. The sand and gravel are angular to subangular. The fines are nonplastic, are light grayish brown, and do not react to HCl.					

SONIC METHOD LOG YERINGTON.GPJ BRN&CALD.GDT 1/31/06

Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 4 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
55	4585	SM	SILTY SAND with GRAVEL (54-55 feet) Dry, very dense, no odor. Predominately sand with ~20% fine gravel to 15 mm and ~20% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are light grayish brown, and do not react to HCl.					
		CL	SANDY LEAN CLAY (55-56.5 feet) Dry, very hard, no odor.					
		SM	Predominately silt and clay with ~35% medium to fine sand and trace fine gravel to 7 mm. The sand is subangular to subrounded, the gravel is subangular. The fines have medium plasticity and toughness, are grayish brown (2.5Y 5/2), and have a strong reaction to HCl.					
		SM	SILTY SAND (56.5-58 feet) Dry, very dense, no odor. Predominately medium to fine sand with ~10% gravel to 75 mm and ~15% silt and clay. The sand is angular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are light grayish brown, and do not react to HCl.					
60	4580		SILTY SAND with GRAVEL (58-62.5 feet) Dry, very dense, no odor. Predominately medium to fine sand with ~15% coarse sand, ~25% gravel to 30 mm, and ~15% silt and clay. The sand is angular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are light grayish brown, and have a strong reaction to HCl.					
		CL	SANDY LEAN CLAY (62.5-65 feet) Dry, very very hard, no odor. Predominately silt and clay with ~40% medium to fine sand and ~5% fine gravel to 15 mm. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are grayish brown (10YR 5/2), and have a strong reaction to HCl.					
65	4575	SC	CLAYEY SAND with GRAVEL (65-66 feet) Dry, very dense, no odor. Predominately sand with ~25% gravel to 25 mm and ~25% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and low toughness, are light brown, and do not react to HCl.					
		GC	CLAYEY GRAVEL with SAND (66-68.25 feet) Dry, very dense, no odor. Predominately gravel to 75 mm with ~20% medium to fine sand and ~20% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are light grayish brown, and have a strong reaction to HCl.					
		SM	SILTY SAND with GRAVEL (68.25-74 feet) Dry, very dense, no odor. Predominately sand with ~20% gravel to 15 mm and ~15% silt and clay. The sand and gravel are angular to subangular. The fines are nonplastic, are brown, and do not react to HCl.					
70	4570							

SONIC METHOD LOG YERINGTON.GPJ BRN&CALD.GDT 1/31/06

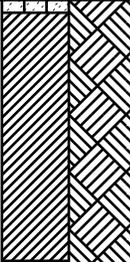
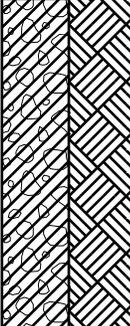
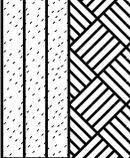
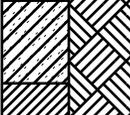
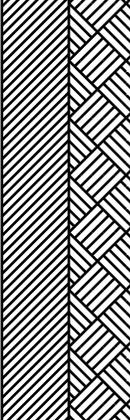
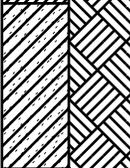
Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 5 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
75	4565	CL	SANDY LEAN CLAY (74-77 feet) Dry, very very hard, no odor. Predominately silt and clay with ~40% medium to fine sand and ~5% gravel to 20 mm. The sand and gravel are angular to subangular. The fines have medium plasticity and toughness, are dark yellowish brown (10YR 4/4), and do not react to HCl.					
		GC	CLAYEY GRAVEL with SAND (77-81 feet) Dry, very dense, no odor. Predominately gravel to 20 mm with ~35% coarse to fine sand and ~25% silt and clay. The sand and gravel are angular to subangular. The fines have medium plasticity and toughness, are light brown, and do not react to HCl.					
	80	4560						
		CL	SANDY LEAN CLAY (81-81.5 feet) Dry, very very hard, no odor.					
		SM	SILT SAND with GRAVEL (81.5-83.5 feet) Dry, very dense, no odor. Predominately silt and clay with ~25% medium to fine sand and ~5% gravel to 40 mm. The sand is subangular to subrounded, the gravel is subangular. The fines have medium plasticity and toughness, are dark gray (10YR 4/1), and have a weak reaction to HCl.					
		SC	CLAYEY SAND with GRAVEL (83.5-84.5 feet) Dry, very dense, no odor. Predominately coarse to fine sand with ~30% fine gravel to 15 mm and ~30% silt and clay. The sand and gravel are angular to subangular. The fines have slight plasticity and low toughness, are light brown, and do not react to HCl.					
	85	4555						
		CL	SANDY LEAN CLAY (84.5-90 feet) Dry, very hard, no odor. Predominately silt and clay with ~45% medium to fine sand and trace coarse sand to 4 mm. The sand is subangular to subrounded. The fines have medium plasticity and toughness, are dark grayish brown (10YR 5/2), and do not react to HCl.					
	90	4550						
		SC	CLAYEY SAND (90-92 feet) Dry, very dense, no odor. Predominately medium to fine sand with ~10% gravel to 50 mm and ~35% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are light brown, and do not react to HCl.					
		CL	SANDY LEAN CLAY (92-96.75 feet) Dry, very hard, no odor. Predominately silt and clay with ~40% medium to fine sand and ~5% fine gravel to 15 mm. The sand and gravel are angular to subangular. The fines have medium plasticity and					

SONIC METHOD LOG YERINGTON.GPJ BRN&CALD.GDT 1/31/06

Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 6 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
95	4545		toughness, are yellowish brown (10YR 5/4), and do not react to HCl.					
		SC	CLAYEY SAND (96.75-100 feet) Dry, very dense, no odor. Predominately medium to fine sand with ~5% fine gravel to 10 mm and ~40% silt and clay. The sand is subangular to subrounded, the gravel is subrounded. The fines have medium plasticity and toughness, are light grayish brown, and do not react to HCl.					
100	4540	SM	SILTY SAND with GRAVEL (100-101 feet) Dry, very dense, no odor. Predominately medium to fine sand with trace fine gravel to 8 mm and ~20% silt and clay. The sand and gravel are angular to subangular. The fines are nonplastic, are light brown, and do not react to HCl.					
		CL	SANDY LEAN CLAY (101-104.5 feet) Dry, very hard, no odor. Predominately silt and clay with ~40% medium to fine sand and ~5% fine gravel to 10 mm. The sand is angular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are light olive brown (2.5Y 5/3), and have a weak reaction to HCl.					
105	4535	SC	CLAYEY SAND (104.5-107 feet) Dry, very dense, no odor. Predominately coarse to medium sand with ~10% fine gravel to 12 mm and ~35% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are brown, and do not react to HCl.					
		CL	SANDY LEAN CLAY (107-107.5 feet) Dry, very hard, no odor.					
		SC	Predominately silt and clay with ~30% medium to fine sand and ~5% fine gravel to 15 mm. The sand and gravel are angular to subangular. The fines have medium plasticity and toughness and are brown (10YR 5/3).					
		CL	CLAYEY SAND (107.5-109 feet) Dry, very dense, no odor.					
110	4530		Predominately coarse to medium sand with ~10% fine gravel to 10 mm and ~35% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are light brown, and do not react to HCl.					
			SANDY LEAN CLAY (109-113 feet) Dry, very hard, no odor. Predominately silt and clay with ~45% medium to fine sand and trace fine gravel to 5 mm. The sand and gravel are angular to subangular. The fines have medium plasticity and toughness, are brown (10YR 5/3), and do not react to HCl.					

SONIC METHOD LOG YERINGTON.GPJ BRN&CALD.GDT 1/31/06

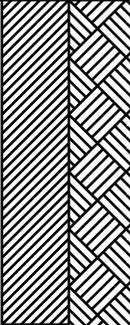
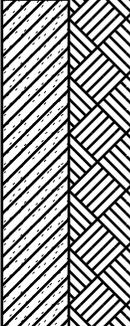
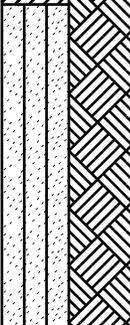
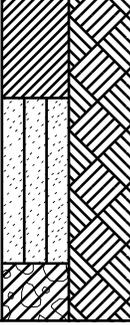
Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 7 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
115	4525	CL	SANDY LEAN CLAY (113-117 feet) Dry, very hard, no odor. Predominately silt and clay with ~35% medium to fine sand and ~5% coarse sand to 4 mm. The sand is subangular to subrounded. The fines have medium plasticity and toughness, are grayish brown (2.5Y 5/2), and have a weak reaction to HCl.					
120	4520	SC	CLAYEY SAND (117-121 feet) Dry, very dense, no odor. Predominately medium to fine sand with ~5% gravel to 20 mm and ~30% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are brown, and do not react to HCl.					
125	4515	SM	SILTY SAND (121-125 feet) Dry, very dense, no odor. Predominately coarse to medium sand with ~10% gravel to 25 mm and ~20% silt and clay. The sand and gravel are angular to subangular. The fines are nonplastic, are brown, and do not react to HCl.					
130	4510	CL	SANDY LEAN CLAY (125-127 feet) Dry, very hard, no odor. Predominately silt and clay with ~40% medium to fine sand and ~5% fine gravel to 15 mm. The sand is subangular to subrounded, the gravel is subangular. The fines have medium plasticity and toughness, are light olive brown (2.5Y 5/3), and do not react to HCl.					
		CL	SANDY LEAN CLAY (127-130 feet) Dry, very hard, no odor. Predominately silt and clay with ~40% medium to fine sand and ~5% fine gravel to 12 mm. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are brown (10YR 5/3), and do not react to HCl.					
		SM	SILTY SAND with GRAVEL (130-132 feet) Dry, very dense, no odor. Predominately coarse to medium sand with ~15% gravel to 40 mm and ~15% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are grayish brown, and do not react to HCl.					
		GC	CLAYEY GRAVEL with SAND (132-137 feet) Dry, very dense, no odor.					

SONIC METHOD LOG YERINGTON.GPJ BRN&CALD.GDT 1/31/06

Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 8 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
135	4505		Predominately gravel to 65 mm with ~25% coarse to medium sand and ~25% silt and clay. The sand is subangular to subrounded, the gravel is subangular. The fines have medium plasticity and toughness, are grayish brown, and do not react to HCl.					
		SC	CLAYEY SAND with GRAVEL (137-141 feet) Dry, very dense, no odor. Predominately medium to fine sand with ~25% gravel to 30 mm and ~40% silt and clay. The sand and gravel are angular to subangular. The fines have medium plasticity and toughness, are brown, and do not react to HCl.					
140	4500							
		SM	SILTY SAND with GRAVEL (141-141.5 feet) Dry, very dense, no odor.					
		CL	Predominately sand with ~20% gravel to 20 mm and ~30% silt and clay. The sand and gravel are angular to subangular. <u>The fines are nonplastic, are brown, and do not react to HCl.</u>					
			SANDY LEAN CLAY with GRAVEL (141.5-147 feet) Dry, very hard, no odor. Predominately silt and clay with ~25% coarse to medium sand and ~20% gravel to 65 mm. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are grayish brown (2.5Y 5/2), and do not react to HCl. Interval includes some thin gravelly lean clay seams.					
145	4495							
		CL	SANDY LEAN CLAY (147-148 feet) Dry, very hard, no odor. Predominately silt and clay with ~35% medium to fine sand and ~5% gravel to 25 mm. The sand and gravel are angular to subangular. The fines have medium plasticity and toughness, are yellowish brown (10YR 5/4), and do not react to HCl.					
		CL	SANDY LEAN CLAY with GRAVEL (148-150 feet) Dry, very hard, no odor. Predominately silt and clay with ~25% coarse to medium sand and ~20% gravel to 65 mm. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are grayish brown (2.5Y 5/2), and do not react to HCl.					
150	4490							
		SC	CLAYEY SAND with GRAVEL (150-150.5 feet) Dry, very dense, no odor. Predominately sand with ~35% gravel to 35 mm and ~30% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium					
		SM						

SONIC METHOD LOG YERINGTON.GPJ BRN&CALD.GDT 1/31/06

Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 9 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
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155	4485	SC	<p>plasticity and toughness, are light grayish brown, and do not react to HCl.</p> <p>SILTY SAND with GRAVEL (150.5-153.5 feet) Dry, very dense, no odor.</p> <p>Predominately coarse to medium sand with ~30% gravel to 30 mm and ~25% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are light brownish gray, and do not react to HCl.</p>					
		SC	<p>CLAYEY SAND with GRAVEL (150-150.5 feet) Dry, very dense, no odor.</p> <p>Predominately sand with ~25% gravel to 25 mm and ~40% silt and clay. The sand and gravel are angular to subangular. The fines have medium plasticity and toughness, are grayish brown, and do not react to HCl.</p>					
		SM	<p>CLAYEY SAND (155-157 feet) Dry, very dense, no odor.</p> <p>Predominately coarse to medium sand with ~5% gravel to 10 mm and ~45% silt and clay. The sand is subangular to subrounded, the gravel is subangular. The fines have medium plasticity and toughness, are light grayish brown, and do not react to HCl.</p>					
160	4480	CL	<p>SILTY SAND (157-160 feet) Dry, very dense, no odor.</p> <p>Predominately medium to fine sand with ~10% fine gravel to 10 mm and ~35% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have low plasticity and medium toughness, are light grayish brown, and do not react to HCl.</p>					
		SM	<p>SANDY LEAN CLAY (160-160.5 feet) Dry, very hard, no odor.</p>					
		SC	<p>Predominately silt and clay with ~30% medium to fine sand to 2 mm. The sand is subangular to subrounded. The fines have medium plasticity and toughness, are grayish brown (2.5Y 5/2), and do not react to HCl.</p>					
			<p>SILTY SAND with GRAVEL (160.5-161 feet) Dry, very dense, no odor.</p> <p>Predominately medium to fine sand with ~20% coarse sand, ~30% fine gravel to 15 mm, and ~25% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines are nonplastic, are grayish brown, and do not react to HCl.</p>					
165	4475	CL	<p>CLAYEY SAND (161-163 feet) Dry, very dense, no odor.</p> <p>Predominately medium to fine sand with ~10% gravel to 15 mm and ~40% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are grayish brown, and do not react to HCl.</p>					
		SC	<p>NO RECOVERY</p> <p>SANDY LEAN CLAY (165-166 feet) Dry, very hard, no odor.</p> <p>Predominately silt and clay with ~45% medium to fine sand and trace fine gravel to 5 mm. The sand is subangular to subrounded. The fines have medium plasticity and toughness, are grayish brown (2.5Y 5/2), and do not react to HCl.</p>					
		CL	<p>CLAYEY SAND with GRAVEL (166-168.25 feet) Dry, very dense, no odor.</p>					
		CL	<p>Predominately sand with ~35% gravel to 30 mm and ~30% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are grayish brown, and do not react to HCl.</p>					
170	4470	CL	<p>SANDY LEAN CLAY (168.25-168.75 feet) Dry, very hard, no odor.</p>					
		SC	<p>Predominately silt and clay with ~45% sand and ~5% fine gravel to 10 mm. The sand and gravel are angular to subangular. The fines have medium plasticity and toughness, are grayish brown (10YR 5/2), and do not react to HCl.</p>					

SONIC METHOD LOG YERINGTON.GPJ BRN&CALD.GDT 1/31/06

Project Name: Yerington Groundwater Investigation

Boring Number: B/W-12

Soil Boring Monitoring Well

Project Number: 121243.021

Sheet 10 of 10

Depth (feet)	Elevation (feet)	USCS Group Symbol	Description	Sample No.	Graphic Log			Remarks
					Sample	Lithology	Backfill	
			<p>LEAN CLAY (168.75-169.5 feet) Dry, weakly consolidated, no odor. Predominately silt and clay with ~10% medium to fine sand to 1 mm. The sand is angular to subangular. The fines have medium plasticity and toughness, are grayish brown (10YR 5/2), and do not react to HCl. Two to 10 cm thick bedding planes preserved.</p>					
	4465		<p>SANDY LEAN CLAY with GRAVEL (169.5-171 feet) Dry, moderately consolidated, no odor. Predominately silt and clay with ~15% medium to fine sand and ~25% fine gravel to 15 mm. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are yellowish brown (10YR 5/4), and do not react to HCl.</p>					
			<p>CLAYEY SAND with GRAVEL (171-172 feet) Dry, weakly consolidated, no odor. Predominately medium to fine sand with ~25% fine gravel to 15 mm and ~35% silt and clay. The sand is subangular to subrounded, the gravel is angular to subangular. The fines have medium plasticity and toughness, are grayish brown, and do not react to HCl.</p>					