PERCENTAGE LOG OF WATER-WELL CUTTINGS
UTAH GEOLOGICAL SURVEY

DWRi Appropriation #: 68-3142(a34164)
Location: (C-10-3)2ddd, Utah County, Utah
Driller: Midway Drilling Services

Well Owner: Tintic Mountain Real Estate
Win #: 431727
Geologist: Janae Wallace, 5/26/09

Depth Range (feet)		**PERCENTAGES**				**COMMENTS**
		unc*	consolidated			
		clay	slt gvl*	schist / slate	quartzite	
0	10	0	100	0	0	orange-red siltstone/mudstone (gravel?– per driller the interval consists of gravel not bedrock); non calcareous
10	20	tr	100	0	0	“ trace clay
20	30	0	100	0	0	“ no clay
30	40	2	98	0	0	orange-red siltstone/mudstone (gravel?) and clay
40	50	0	100	0	0	“ no clay
50	60	2	48	0	48	yellow-gray quartzite with orange siltstone and clay; trace black and white clay; noncalcareous
60	70	0	0	50	50	white quartzite with gray-green schist/slate; trace pyrite; non calcareous
70	80	0	0	90	10	gray-green schist/slate; white-yellow quartzite; trace pyrite; non calcareous
80	90	0	0	0	100	pink-white and trace gray-white quartzite; non calcareous
90	100	0	0	0	100	“
100	110	0	0	0	100	“
110	120	0	0	0	100	“

*unc=unconsolidated; slt=siltstone gravel?

Depth Range (feet)		**PERCENTAGES**				**COMMENTS**
		unc*	consolidated			
		clay	slt gvl*	schist / slate	quartzite	
120	130	0	0	20	80	yellow-gray and gray white schist/slate (some micaceous) and quartzite
130	140	0	0	20	80	“ pale green-yellow and yellow white
140	150	0	0	90	10	gray-tan and orange
150	160	0	0	10	90	pink white, yellow, and green white
160	170	0	0	50	50	“
170	180	0	0	90	10	green gray and yellow tan
180	190	0	0	10	90	grey speckled with white quartzite and pink-white, and yellow quartzite with yellow schist; non calcareous
190	200	0	0	tr	100	pink-white quartzite; trace schist; non calcareous
200	210	0	0	0	100	“
210	220	0	0	0	100	“
220	230	0	0	0	100	“
230	240	0	0	10	90	pink quartzite and light green schist; non calcareous
240	250	0	0	90	10	tan schist and rusty tan talk-like mica schist with minor gray-pink quartzite; trace pyrite; non calcareous
250	260	0	0	50	50	green-tan and pink-white quartzite with yellow-green schist/slate with some mica; trace gypsum; non calcareous
260	270	0	0	2	98	“pink
270	280	0	0	tr	100	pink-white quartzite; trace schist

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Depth Range (feet)		PERCENTAGES				COMMENTS
		unc*	consolidated			
		clay	slt gvl*	schist / slate	quartzite	
280	290	0	0	tr	100	“
290	300	0	0	2	98	pink quartzite and yellow-green mica schist; non calcareous
300	310	0	0	2	98	“
310	320	0	0	2	98	“
320	330	0	0	tr	100	“ trace schist
330	340	0	0	tr	100	“
340	350	0	0	tr	100	“
350	360	0	0	0	100	“ no schist
360	370	0	0	0	100	“
370	380	0	0	0	100	“
380	390	0	0	tr	100	“ trace schist
390	400	0	0	0	100	“ no schist
400	410	0	0	tr	100	“ trace schist
410	420	0	0	tr	100	“
420	430	0	0	0	100	“ no schist
430	440	0	0	tr	100	“ trace schist
440	450	0	0	0	100	“ no schist
450	460	0	0	0	100	“
460	470	0	0	0	100	“
470	480	0	0	tr	100	“ trace schist
480	490	0	0	tr	100	“

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Depth Range (feet)		**PERCENTAGES**				**COMMENTS**
		unc*	consolidated			
		clay	slt gvl*	schist / slate	quartzite	
490	500	0	0	2	98	pink-white quartzite and green-yellow schist/slate; non calcareous
500	510	0	0	2	98	“
510	520	0	0	tr	100	pink-white quartzite; trace schist; non calcareous
520	530	0	0	50	50	pink, green, yellow-orange, gray, and black schist, slate, and quartzite; some iron oxide and gypsum; slightly calcareous; faulted or fractured zone?
530	540	0	0	tr	100	pink and yellow-green quartzite; trace schist; non calcareous
540	550	0	0	tr	100	“
550	560	0	0	0	100	“ no schist
560	570	0	0	0	100	“ pink white
570	580	0	0	0	100	“
580	590	0	0	0	100	“
590	600	0	0	tr	100	“ trace schist
600	610	0	0	50	50	tan, pin, white, gray, and orange schist, slate, and quartzite; some iron oxide, pyrite, and breccia?; slightly calcareous; faulted or fractured zone?
610	620	0	0	tr	100	pink-white and yellow quartzite; trace gray slate; non calcareous
620	630	0	0	0	100	“ no schist
630	640	0	0	0	100	“

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Depth Range (feet)		**PERCENTAGES**				**COMMENTS**
		unc*	consolidated			
		clay	slt gvl*	schist / slate	quartzite	
640	650	0	0	0	100	“
650	660	0	0	0	100	“
660	670	0	0	0	100	“
670	680	0	0	0	100	“
680	690	0	0	tr	100	“ trace schist
690	700	0	0	0	100	“ no schist
700	710	0	0	0	100	“
710	720	0	0	tr	100	“ trace schist
720	730	0	0	0	100	“ no schist
730	740	0	0	tr	100	“ trace schist
740	750	0	0	tr	100	“
750	760	0	0	0	100	“ no schist
760	770	0	0	tr	100	“ trace schist
770	780	0	0	0	100	“ no schist
780	790	0	0	tr	100	“ trace schist
790	800	0	0	tr	100	“
800	810	0	0	tr	100	“
810	820	0	0	tr	100	“
820	830	0	0	2	98	pink-white and yellow quartzite; yellow-green schist; non calcareous
830	840	0	0	tr	100	pink-white quartzite; trace schist; non calcareous

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Depth Range (feet)		**PERCENTAGES**				**COMMENTS**
		unc*	consolidated			
		clay	slt gvl*	schist / slate	quartzite	
840	850	0	0	20	80	yellow-tan, pink-white and orange schist, slate, and quartzite; some iron oxide; non calcareous
850	860	0	0	10	90	“
860	870	0	0	10	90	“
870	880	0	0	10	90	“
880	890	0	0	2	98	“
890	900	0	0	5	95	“
900	910	0	0	5	95	pink-white quartzite; yellow-gray, and green-yellow schist/slate; non calcareous
910	920	0	0	20	80	pink-white and gray-tan quartzite; yellow-gray, and green-yellow schist/slate; some iron oxide and slickensides?; non calcareous

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