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TEST HOLE REPORT

LAYNE Western, a Div. of
LAYNE Christensen
Wichita, Kansas

Contract Name: Wichita ASR	Test Hole No. RRW-1, TH 1
	Date: March 15, 2006
Page 1 of 4	Driller: C. Felton

Location of Test Hole:	Elevation of Test Hole:
12th & Willowlake Road	Static Water Level:
	Measured Hours After Completion

From	To	Description of Strata
0	5	red orange silt to fine sand
5	10	red orange silty/clayey sand, fine to med., low plastic, slight caliche tr.
10	15	red orange silty/clayey, low plastic, fine to med. sand to med. at 13.5'
15	20	red orange (rusty) silty sand, very fine to med. with few small clayballs
20	25	red orange clayey silty sand, very fine, low to no plasticity
25	30	red & gray sandy/silty clay, low to med. plasticity, very fine to med. sand
30	35	lt. olive & gray, red & yellow sandy silty clay, low to med. plasticity, very fine to med. sand
35	40	lt. olive & gray, red & yellow sandy silty clay, low plasticity, very fine medium sand
40	45	olive, gray & red sandy silty clay, med. to high plasticity, fine sand with caliche
45	50	olive & red sandy silty clay, med. to high plasticity, very fine sand with caliche streaks
50	55	gray & orange sand & silty clay, med. plasticity, very fine sand with caliche streaks
55	60	gray, red & orange silty clay, med. plasticity, very fine to fine sand with caliche streaks
60	65	blue & gray sandy/silty clay, medium plasticity, fine to medium sand

65	70	tan-orange silty sand, fine to coarse w/little gravel, traces of blue clay
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From	To	Description of Strata
70	75	tan-orange silty sand, fine to coarse w/little gravel, small clay balls, blue
75	80	tan-orange silty sand, fine to coarse w/little gravel, small clay balls, blue
80	85	olive tan sand, fine to coarse with few sandy clay lenses
85	90	olive tan sand, fine to medium with some coarse, with sandy clay lenses
90	95	olive tan sand, fine to medium with some coarse, with sandy clay lenses
95	100	tan sand, fine to medium, little coarse
100	105	tan sand, fine to coarse
105	110	tan sand, fine to coarse with gravel, olive clay lenses
110	115	tan sand, fine to coarse with gravel, olive clay lenses
115	120	tan sand, fine to coarse with gravel, olive clay lenses
120	125	tan sand, very fine to coarse with gravel, olive clay lenses
125	130	tan sand, very fine to coarse with gravel, olive clay lenses with bits
		of olive shale
130	135	tan/olive silty sand, very fine to coarse with olive/brown clay lenses
135	140	olive/gray sandy, silty clay, medium plasticity, fine to coarse sand
140	145	olive/gray sandy, silty clay, low to med. plasticity, fine to coarse sand
145	150	olive/gray silty clay, low to med. plasticity, fine to coarse sand
150	155	dark olive, gray silty clay, medium to high plasticity, little sand

155	160	gray,olive,orange sandy silty clay, low-med. plastic, fine to coarse sand
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From	To	Description of Strata
160	165	gray/olive sandy silty clay, low to med. plastic, fine to coarse sand
165	170	olive sandy silty clay, low to medium plastic, fine to coarse sand
170	175	gray, olive sandy silty clay, low to medium plastic, fine to coarse sand
175	180	gray, olive sandy silty clay, medium-high plastic, fine to coarse sand
180	185	gray, olive sandy silty clay, medium-high plastic, fine to coarse sand
185	190	gray, olive sandy silty clay, medium-high plastic, fine to coarse sand
190	195	gray, olive sandy silty clay, medium plastic fine to coarse sand
195	200	gray, olive sandy silty clay, medium plastic, fine to coarse sand
200	205	gray, olive sandy silty clay, med. to high plasticity, fine to coarse sand
205	210	gray, olive, orange sandy silty clay, medium to high plastic, slight sand
210	215	gray, olive, orange sandy silty clay, medium to high plastic, fine to
		coarse sand
215	220	gray, olive silty clay, medium to high plasticity, slight sand
220	225	gray, olive silty clay, medium to high plasticity, slight sand
225	230	gray, olive sandy silty clay, medium to high plastic, fine to coarse sand
230	235	gray, olive, orange sandy silty clay, medium plastic, fine to coarse sand
235	240	gray, olive sandy silty clay, medium to high plastic, fine to coarse sand
240	245	tan, gray, olive sandy silty clay, med. to high plastic, fine to coarse sand

