







STA 1
THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-6-96 | | BORING NO. IIB-1 | | | | ELEVATION: | | | | | |
|--|-------------------------|------------------|--------|-----------|--------------|------------|---|---|--------------------|-----------------------|-------|
| LOCATION: See Figure 3 | | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY | |
| | | R | | | | SP | | GRAVELLY SAND -w/some silt, brown, -w/grey lenses | dry | loose | |
| | | R | | | 1 | | | | | | |
| | | | | | 2 | | | | | | |
| | | | | | 3 | | | | | | |
| | | | | | 4 | | | | | | |
| | | | | | 5 | | | | | | |
| | | | | | 6 | | | | | | |
| | | | | | 7 | | | | | | |
| | | | | | 8 | | | | | sl. moist-moist | dense |
| | | | | | 9 | | | | | | |
| | | | | | 10 | | | | | | |
| | | | | | 11 | | | | | | |
| | | | | | 12 | | | | | | |
| | | R | | | 14 | | | | | | |
| | | | | | 15 | | | | Bottom at 15 feet. | | |
| SPT- STANDARD PENETRATION TEST R- RING SAMPLE C- CORE: %RECOVERY/%RQD B- BAG DRIVING WEIGHT (LBS) 140 | | | | | | | NOTES: Water not encountered. | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | | | | PROJECT: CITY OF HENDERSON BORING LOG | | | PLATE 1 | |
| PROJECT NO. 4186JL043 | | | | | | | | | | | |


STA 1
THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-6-96 | | BORING NO. IIB-2 | | | | ELEVATION: | | | | | |
|---|-------------------------|------------------|---|-----------|--------------|------------|---|--------------------------------------|-----------------|-------------|--|
| LOCATION: See Figure 3 | | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY | |
| | | R |  | | 1 | FILL |  | GRAVELLY SAND -w/silt, lt. brown | dry | | |
| | | | | | 2 | | | | | | |
| | | | | | 3 | | | | | | |
| | | | | | 4 | | | | | | |
| | | | | | 5 | | | | sl. moist-moist | | |
| | | | | | 6 | | | | | | |
| | | | | | 7 | | | | | | |
| | | | | | 8 | | | | | | |
| | | | | | 9 | SM |  | SILTY SAND -w/some gravel, lt. brown | | | |
| | | | | | 10 | | | | | | |
| | | | | | 11 | | | | | | |
| | | | | | 12 | | | | moist | dense | |
| | | | | | 13 | | | | | | |
| | | | | | 14 | | | | | | |
| | | | | | 15 | | | Bottom at 15 feet. | | | |
| SPT- STANDARD PENETRATION TEST | | | | | | | NOTES: Water not encountered. | | | | |
| R- RING SAMPLE | | | | | | | | | | | |
| C- CORE: %RECOVERY/%RQD | | | | | | | | | | | |
| B- BAG | | | | | | | | | | | |
| DRIVING WEIGHT (LBS) 140 | | | | | | | | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | | | | PROJECT: CITY OF HENDERSON | | | PLATE | |
| PROJECT NO. 4186JL043 | | | | | | | BORING LOG | | | 2 | |

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.


| DATE DRILLED: 3-6-96 | | BORING NO. IIB-3 | | | | ELEVATION: | | | | | |
|--|-------------------------|------------------|--------|-----------|--------------|------------|---|----------------------------------|--------------------|-----------------------|------------------|
| LOCATION: | | See Figure 3 | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY | |
| | | R | | | 1 | SP | | GRAVELLY SAND -w/silt, lt. brown | dry | loose | |
| | | | | | 2 | | | | | | |
| | | | | | 3 | | | | | | |
| | | | | | 4 | | | | | | |
| | | | | | 5 | | | | | | |
| | | | | | 6 | | | | | | |
| | | | | | 7 | | | | | | |
| | | | | | 8 | | | | | sl. moist-moist | med. dense-dense |
| | | | | | 9 | | | | | | |
| | | | | | 10 | | | | | | |
| | | | | | 11 | | | | | | |
| | | | | | 12 | | | | | | |
| | | | | | 13 | | | | | | |
| | | | | | 14 | | | | | | |
| | | | | | 15 | | | | Bottom at 15 feet. | | |
| SPT- STANDARD PENETRATION TEST R- RING SAMPLE C- CORE: %RECOVERY/%RQD B- BAG DRIVING WEIGHT (LBS) 140 | | | | | | | NOTES: Water not encountered. | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | | | | PROJECT: CITY OF HENDERSON BORING LOG | | | PLATE 3 | |
| | | | | | | | PROJECT NO. 4186JL043 | | | | |

STA 1
THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.


| DATE DRILLED: 3-5-96 | | BORING NO. IIB-4 | | | | ELEVATION: | | | | |
|--|-------------------------|-------------------------|--------|-----------|--------------|--|---------|---------------------------------|-----------------------|-------------|
| LOCATION: See Figure 3 | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY |
| | | R | | | 1 | SM | | SILTY SAND -w/gravel, lt. brown | dry | med. dense |
| | | | | | 2 | | | | | |
| | | | | | 3 | | | | | |
| | | | | | 4 | | | | | |
| | | | | | 5 | | | | | |
| | | | | | 6 | | | | | |
| | | | | | 7 | | | | | |
| | | | | | 8 | | | | sl. moist-moist | dense |
| | | | | | 9 | | | | | |
| | | | | | 10 | | | | | |
| | | | | | 11 | | | | | |
| | | | | | 12 | | | | | |
| | | | | | 13 | | | | | |
| | | | | | 14 | | | | | |
| | | | | | 15 | | | Bottom at 15 feet. | | |
| SPT- STANDARD PENETRATION TEST R- RING SAMPLE C- CORE: %RECOVERY/%RQD B- BAG DRIVING WEIGHT (LBS) 140 | | | | | | NOTES: Water not encountered. | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | | | PROJECT: CITY OF HENDERSON BORING LOG | | | PLATE 4 | |
| PROJECT NO. 4186JL043 | | | | | | | | | | |

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-5-96 | | BORING NO. IIB-5 | | | | ELEVATION: | | | | | |
|--------------------------------|-------------------------|------------------|--------|-----------|--------------|------------|---------|---------------------------------|--------------------|-----------------|-------|
| LOCATION: See Figure 3 | | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY | |
| | | R | | | 1 | SM | | SILTY SAND -w/gravel, lt. brown | dry | med. dense | |
| | | | | | 2 | | | | | | |
| | | | | | 3 | | | | | | |
| | | | | | 4 | | | | | | |
| | | | | | 5 | | | | | | |
| | | | | | 6 | | | | | | |
| | | | | | 7 | | | | | | |
| | | | | | 8 | | | | | | |
| | | | | | 9 | | | | | sl. moist-moist | dense |
| | | | | | 10 | | | | | | |
| | | | | | 11 | | | | | | |
| | | | | | 12 | | | | | | |
| | | | | | 13 | | | | | | |
| | | | | | 14 | | | | | | |
| | | | | | 15 | | | | Bottom at 15 feet. | | |

| | | | | | | | |
|--|--|--|--|---|--|--|--|
| SPT- STANDARD PENETRATION TEST | | | | NOTES: Water not encountered. | | | |
| R- RING SAMPLE | | | | | | | |
| C- CORE: %RECOVERY/%RQD | | | | | | | |
| B- BAG | | | | | | | |
| DRIVING WEIGHT (LBS) 140 | | | | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | PROJECT: CITY OF HENDERSON BORING LOG | | | |
| PROJECT NO. 4186JL043 | | | | PLATE 5 | | | |

STA 1
THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-5-96 | | BORING NO. IIB-6 | | ELEVATION: | | | | | | | | |
|--|-------------------------|------------------|------------|------------|--------------|------|---------|---------------------------------|--------------------|-------------|----------|--|
| LOCATION: See Figure 3 | | | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY | | |
| | | R | [REDACTED] | | 1 | SM | | SILTY SAND -w/gravel, lt. brown | dry | med. dense | | |
| | | | | | 2 | | | | | | | |
| | | | | | 3 | | | | | | | |
| | | | | | 4 | | | | | | | |
| | | | | | 5 | | | | | | | |
| | | | | | 6 | | | | | | | |
| | | | | | 7 | | | | | | | |
| | | | | | 8 | | | | | | | |
| | | | | | 9 | | | | | | | |
| | | | | | 10 | | | | | | | |
| | | | | | 11 | | | | | | | |
| | | | | | 12 | | | | | | | |
| | | | | | 13 | | | | | | | |
| | | | | | 14 | | | | | | | |
| | | | | | 15 | | | | Bottom at 15 feet. | | | |
| SPT- STANDARD PENETRATION TEST R- RING SAMPLE C- CORE: %RECOVERY/%RQD B- BAG DRIVING WEIGHT (LBS) 140 | | | | | | | | NOTES: Water not encountered. | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | | | | | PROJECT: CITY OF HENDERSON | | | PLATE | |
| | | | | | | | | BORING LOG | | | 6 | |
| PROJECT NO. 4186JL043 | | | | | | | | | | | | |

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-5-96 | | BORING NO. IIB-7 | | | | ELEVATION: | | | | |
|--------------------------------|-------------------------|------------------|--------|-----------|--------------|------------|-------------|----------------------------|-----------|--------------------------|
| LOCATION: See Figure 3 | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY |
| | | R | | | 1 | SP | | SAND -w/some gravel, brown | sl. moist | loose |
| | | | | | 2 | | | | | m.dense |
| | | | | | 3 | SM | | | | SILTY SAND -w/dark brown |
| | | | | | 4 | | | | | |
| | | | | | 5 | | | | | |
| | | | | | 6 | | | | | |
| | | | | | 7 | | -grey | | | |
| | | | | | 8 | | -dark brown | | | |
| | | | | | 9 | | | | | |
| | | | | | 10 | | | | | |
| | | | | | 11 | | | | | |
| | | | | | 12 | | | | | |
| | | | | | 13 | | | Bottom at 12 feet. | | |
| | | | | | 14 | | | | | |

SPT- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/%RQD
 B- BAG
 DRIVING WEIGHT (LBS) 140

NOTES: Very moist conditions encountered at 11.5 feet.



WESTERN TECHNOLOGIES INC.


PROJECT NO. 4186JL043

PROJECT: CITY OF HENDERSON
BORING LOG

PLATE 7


STA 1

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-5-96 | | BORING NO. IIB-8 | | | | ELEVATION: | | | | | | |
|--|-------------------------|------------------|--------|-----------|--------------|------------|---------|--|-----------------|-------------|--|-----------------------|
| LOCATION: See Figure 3 | | | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY | | |
| | | R | | | 1 | SM | | SILTY SAND -w/some gravel, lt. brown | dry | loose | | |
| | | | | | 2 | | | -w/clayey silt lenses | | m.dense | | |
| | | | | | 3 | | | | | | | |
| | | | | | 4 | | | | | | | |
| | | | | | 5 | | | | sl. moist-moist | | | |
| | | | | | 6 | | | | | | | |
| | | | | | 7 | | | | | | | |
| | | | | | 8 | | | -brown | | dense | | |
| | | | | | 9 | | | | moist | | | |
| | | | | | 10 | | | | | | | |
| | | | | | 11 | | | | very moist | | | |
| | | | | | 12 | | | | | | | |
| | | | | | 13 | | | | v.m.-w. | | | |
| | | | | | 14 | | | Bottom at 13 feet. | | | | |
| SPT- STANDARD PENETRATION TEST R- RING SAMPLE C- CORE: %RECOVERY/%RQD B- BAG DRIVING WEIGHT (LBS) 140 | | | | | | | | NOTES: Very moist conditions encountered at 12.5 feet. | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | | | | | PROJECT: CITY OF HENDERSON BORING LOG | | | | PLATE 8 |
| PROJECT NO. 4186JL043 | | | | | | | | | | | | |




STA 1

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-5-96 | | BORING NO. IIB-9 | | | | ELEVATION: | | | | | |
|--|-------------------------|------------------|--------|-----------|--------------|-------------------------------|---------|---|-----------------|-------------|--|
| LOCATION: See Figure 3 | | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY | |
| | | R | | | 1 | | FILL | GRAVELLY SAND -w/organic debris, yellow brown | sl. moist | | |
| | | | | | 2 | | | | | | |
| | | | | | 3 | SM | | SILTY SAND -w/trace gravel, lt. brown | | | |
| | | | | | 4 | | | | | | |
| | | | | | 5 | | | | | | |
| | | | | | 6 | | | | | | |
| | | | | | 7 | | | | | | |
| | | | | | 8 | | | | sl. moist-moist | | |
| | | | | | 9 | | | | | dense | |
| | | | | | 10 | | | | | | |
| | | | | | 11 | | | | | | |
| | | | | | 12 | | | | | | |
| | | | | | 13 | | | | | | |
| | | | | | 14 | | | | | | |
| | | | | | 15 | | | Bottom at 15 feet. | very moist | | |
| SPT- STANDARD PENETRATION TEST | | | | | | NOTES: Water not encountered. | | | | | |
| R- RING SAMPLE | | | | | | | | | | | |
| C- CORE: %RECOVERY/%RQD | | | | | | | | | | | |
| B- BAG | | | | | | | | | | | |
| DRIVING WEIGHT (LBS) 140 | | | | | | | | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | | | PROJECT: CITY OF HENDERSON | | | | PLATE | |
| | | | | | | BORING LOG | | | | 9 | |
| PROJECT NO. 4186JL043 | | | | | | | | | | | |



THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

STA 1

| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY |
|--|-------------------------|-------------|--------|-----------|--------------|---|--|--|--------------------|-------------|
| | | R | | | 1 | FILL |  | SILTY SAND -w/gravel and debris, brown | dry | |
| | | | | | 1 | SM |  | SILTY SAND -w/some gravel, lt. brown | | |
| | | | | | 2 | | | | | |
| | | | | | 3 | | | | | |
| | | | | | 4 | | | | | |
| | | | | | 5 | | | | | |
| | | | | | 6 | | | | sl. moist-moist | |
| | | | | | 7 | | | | | |
| | | | | | 8 | | | | | |
| | | | | | 9 | | | | | |
| | | | | | 10 | | | | | |
| | | | | | 11 | | | | | |
| | | | | | 12 | | | | | |
| | | | | | 13 | | | | moist | |
| | | | | | 14 | | | | | |
| | | | | | 15 | | | Bottom at 15 feet. | | |
| SPT- STANDARD PENETRATION TEST R- RING SAMPLE C- CORE: %RECOVERY/%RQD B- BAG DRIVING WEIGHT (LBS) 140 | | | | | | NOTES: Water not encountered. | | | | |
|  WESTERN TECHNOLOGIES INC. | | | | | | PROJECT: CITY OF HENDERSON BORING LOG | | | PLATE 10 | |
| PROJECT NO. 4186JL043 | | | | | | | | | | |

STA 1
 THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 3-6-96 BORING NO. IIB-11 ELEVATION:
 LOCATION: See Figure 3

| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY |
|--------------------------------|-------------------------|-------------|--------|-----------|--------------|------|---|---|-----------------|------------------|
| | | R | | | 0 | FILL |  | GRAVELLY SAND -w/silt and debris, brown | dry | |
| | | | | | 1 | SM |  | SILTY SAND -w/trace gravel, lt. brown | | |
| | | | | | 2 | | | | | |
| | | | | | 3 | | | | | |
| | | | | | 4 | | | | | |
| | | | | | 5 | | | | | dense |
| | | | | | 6 | | | | | |
| | | | | | 7 | | | | | |
| | | | | | 8 | | | | sl. moist-moist | |
| | | | | | 9 | | | -w/gravel | | |
| | | | | | 10 | | | | | |
| | | | | | 11 | | | | | dense-very dense |
| | | | | | 12 | | | | | |
| | | | | | 13 | | | | | |
| | | | | | 14 | | | | | |
| | | | | | 15 | | | Bottom at 15 feet. | | |

SPT- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/%RQD
 B- BAG
 DRIVING WEIGHT (LBS) 140

NOTES: Water not encountered.


WESTERN TECHNOLOGIES INC.
 PROJECT NO. 4186JL043

PROJECT: CITY OF HENDERSON
 BORING LOG
 PLATE 11

STA 1
THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-5-96 | | BORING NO. IIB-12 | | | ELEVATION: | | | | | |
|--------------------------------|-------------------------|-------------------|--------|-----------|--------------|------|---------|--|-----------------|------------------|
| LOCATION: See Figure 3 | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY |
| | | R | | | 1 | SP | | GRAVELLY SAND -w/silt and cobbles, lt. brown | dry | med. dense |
| | | | | | 2 | | | | | dense |
| | | | | | 3 | | | -w/occasional cobbles | sl. moist-moist | dense-very dense |
| | | | | | 4 | | | | | |
| | | | | | 5 | | | | | |
| | | | | | 6 | | | | | |
| | | | | | 7 | | | | | |
| | | | | | 8 | | | | | |
| | | | | | 9 | | | | | |
| | | | | | 10 | | | | | |
| | | | | | 11 | | | Cemented SAND and GRAVEL -lt. brown | dry | mod. hard-hard |
| | | | | | 12 | | | | | |
| | | | | | 13 | SP | | GRAVELLY SAND -w/some silt, brown | sl. moist-moist | dense |
| | | | | | 14 | | | | | |
| | | | | | 15 | | | Bottom at 15 feet. | | |

SPT- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/%RQD
 B- BAG
 DRIVING WEIGHT (LBS) 140

NOTES: Water not encountered.




WESTERN TECHNOLOGIES INC.
 PROJECT NO. 4186JL043

PROJECT: CITY OF HENDERSON
BORING LOG
 PLATE 12

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 3-5-96 BORING NO. IIB-13 ELEVATION:

| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY |
|--------------------------------|-------------------------|-------------|--------|-----------|--------------|------|-----------------------------------|--|-----------------|-------------|
| | | R | | | 1 | SM | | SILTY SAND -w/gravel, some clay and cobbles, lt. brown | dry | med. dense |
| | | | | | 2 | | | | | dense |
| | | | | | 3 | | partially cemented -dark brown | v.d.-m.h. | | |
| | | | | | 4 | | | | sl. moist-moist | dense |
| | | | | | 5 | | | | | |
| | | | | | 6 | | | | | |
| | | | | | 7 | | | | | |
| | | | | | 8 | | | | | |
| | | | | | 9 | | | | | |
| | | | | | 10 | | | | | |
| | | | | | 11 | | | | | |
| | | | | | 12 | | | | | |
| | | | | | 13 | | | | | |
| | | | | | 14 | | | | | |
| | | | | | 15 | | | Bottom at 15 feet. | | |

| | | | |
|--|--|---|--|
| SPT- STANDARD PENETRATION TEST R- RING SAMPLE C- CORE: %RECOVERY/%RQD B- BAG DRIVING WEIGHT (LBS) 140 | | NOTES: Water not encountered. | |
|  WESTERN TECHNOLOGIES INC. | | PROJECT: CITY OF HENDERSON BORING LOG | |
| PROJECT NO. 4186JL043 | | PLATE 13 | |

STA 1
THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 3-5-96 BORING NO. IIB-14 ELEVATION:
 LOCATION: See Figure 3

| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY |
|--------------------------------|-------------------------|-------------|--------|-----------|--------------|------|---------|--|-------------------------------------|-------------|
| | | R | | | 1 | SP | | GRAVELLY SAND -w/silt and cobbles, lt. brown | dry | med. dense |
| | | | | | 2 | | | | | |
| | | | | | 3 | | | | | |
| | | | | | 4 | | | | | |
| | | | | | 5 | | | | | |
| | | | | | 6 | | | | | |
| | | | | | 7 | | | | | |
| | | | | | 8 | | | | | |
| | | | | | 9 | | | | | |
| | | | | | 10 | | | | | |
| | | | | | 11 | | | | | |
| | | | | | 12 | | | | | |
| | | | | | 13 | | | | | |
| | | | | | 14 | | | | | |
| | | | | | 15 | | | | Cemented SAND and GRAVEL -lt. brown | dry |

Bottom at 15 feet.

SPT- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/%RQD
 B- BAG
 DRIVING WEIGHT (LBS) 140

NOTES: Water not encountered.


WESTERN TECHNOLOGIES INC.
 PROJECT NO. 4186JL043

PROJECT: CITY OF HENDERSON
BORING LOG

PLATE
14

STA 1
 THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

| DATE DRILLED: 3-5-96 | | BORING NO. IIB-15 | | ELEVATION: | | | | | | | |
|---|-------------------------|-------------------|--------|------------|--------------|---|---------|--|----------|--------------------|--|
| LOCATION: See Figure 3 | | | | | | | | | | | |
| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY | |
| | | R | | | 1 | SP | | GRAVELLY SAND -w/silt and cobbles, lt. brown | dry | med. dense | |
| | | | | | 2 | | | | | | |
| | | | | | 3 | | | | | sl. moist | |
| | | | | | 4 | | | | | | |
| | | | | | 5 | | | | | | |
| | | | | | 6 | | | | | | |
| | | | | | 7 | | | | | | |
| | | | | | 8 | | | | | | |
| | | | | | 9 | | | | | sl. moist-moist | |
| | | | | | 10 | | | | | | |
| | | | | | 11 | | | | | | |
| | | | | | 12 | | | | | | |
| | | | | | 13 | | | | | | |
| | | | | | 14 | | | Cemented SAND and GRAVEL -lt. brown | dry | hard | |
| | | | | | 15 | | | Bottom at 15 feet. | | | |
| SPT- STANDARD PENETRATION TEST R- RING SAMPLE C- CORE: %RECOVERY/%RQD B- BAG DRIVING WEIGHT (LBS) 140 | | | | | | NOTES: Water not encountered. | | | | | |
| WESTERN TECHNOLOGIES INC. | | | | | | PROJECT: CITY OF HENDERSON BORING LOG | | | | PLATE 15 | |
| PROJECT NO. 4186JL043 | | | | | | | | | | | |

STA 1

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

DATE DRILLED: 3-4-96
 LOCATION: See Figure 3

BORING NO. IIB-16

ELEVATION:

| MOISTURE CONTENT (% OF DRY WT) | DRY DENSITY (LBS/CU FT) | SAMPLE TYPE | SAMPLE | BLOWS/FT. | DEPTH (FEET) | USCS | GRAPHIC | SOIL DESCRIPTION | MOISTURE | CONSISTENCY |
|--------------------------------|-------------------------|-------------|--------|-----------|--------------|------|---------|---|-----------------|------------------|
| | | R | | | 1 | SP | | SAND -w/trace gravel, dark brown | dry | med. dense |
| | | | | | 2 | | | | | dense |
| | | | | | 3 | | | GRAVELLY SAND -w/silt and cobbles, dark brown | moist | |
| | | | | | 4 | | | | | |
| | | | | | 5 | | | | | |
| | | | | | 6 | | | | | |
| | | | | | 7 | | | | | |
| | | | | | 8 | | | -w/trace cobbles, lt. brown | | dense-very dense |
| | | | | | 9 | | | | | |
| | | | | | 10 | | | | | |
| | | | | | 11 | | | | | |
| | | | | | 12 | | | | sl. moist-moist | dense |
| | | | | | 13 | | | | | |
| | | | | | 14 | | | | | |
| | | | | | 15 | | | Bottom at 15 feet. | | |

SPT- STANDARD PENETRATION TEST
 R- RING SAMPLE
 C- CORE: %RECOVERY/%RQD
 B- BAG
 DRIVING WEIGHT (LBS) 140

NOTES: Water not encountered.



WESTERN TECHNOLOGIES INC.

PROJECT: CITY OF HENDERSON
BORING LOG

PLATE
16

PROJECT NO. 4186JL043