

thick and consist of very stiff to hard, sandy and clayey silt (A-4). Roadway fill soils were not encountered at this location.

Weathered, Triassic rock was encountered between elevation 219.20' – 224.10' across this bent. Hard, Triassic rock (auger refusal) is present on this bent between elevation 217.80' – 222.10'. Rock core retrieved at this location consisted of severe to slightly weathered and soft to moderately hard, mudstone and sandstone. RQD's are between 0% and 92%. The groundwater level at this location was between elevations 243.60' and 247.00'. Please refer to the appropriate corelog and cross-section for a detailed, run-by run analysis of the core retrieved at this location.

Interior Bent Four (B4)

Alluvial soils encountered are 16.90' to 18.00' thick and consist of soft silty clay (A-6) and very loose to medium dense, silty sand (A-2-4) with quartz fragments. Wood debris was encountered in the sandy layer at B4-B. Residual soils encountered at this bent are approximately 4.30' - 7.00' thick and consist of very dense, silty sand (A-2-4). Roadway fill soils were not encountered at this location.

Weathered, Triassic rock was encountered at elevation 219.40' in the boring performed at B4-A. Hard, Triassic rock (auger refusal) is present on this bent between elevation 199.40' - 222.50'. Rock core retrieved at this location consisted of moderately severe to slightly weathered and soft to moderately hard, mudstone and sandstone. RQD's are between 42% and 95%. The groundwater level across this bent was between elevations 243.30' and 244.80'. Please refer to the appropriate corelog and cross-section for a detailed, run-by run analysis of the core retrieved at this location.

Interior Bent Five (B5)

Alluvial soils encountered at this location are 16.00' to 17.10' thick and consist of very soft to soft, silty clay (A-6); soft, sandy silt (A-4); and medium dense, coarse sand (A-2-6, A-1-a) with quartz gravel. Residual soils encountered at this bent are approximately 2.20' - 8.50' thick and consist of very stiff to hard silty and sandy clay (A-6). Roadway fill soils were not encountered at this location.

Weathered, Triassic rock was encountered between elevation 219.40' – 225.40' across this bent. Hard, Triassic rock (auger refusal) is present on this bent between elevation 199.40' – 220.90'. Rock core retrieved at this location consisted of completely to moderately weathered and very soft to moderately hard, mudstone and sandstone. RQD's are between 7% and 81%. The groundwater level across this bent was between elevations 245.20' and 245.30'. Please refer to the appropriate corelog and cross-section for a detailed, run-by run analysis of the core retrieved at this location.

Interior Bent Six (B6)

Alluvial soils encountered are 17.90' to 18.70' thick and consist of very soft to soft, silty clay (A-6); soft to medium stiff, sandy silt (A-4); and very loose to medium dense coarse sand (A-1-a, A-1-b). Wood debris was encountered in the sand layer at B6-B. Residual soils encountered at this bent are approximately 1.40' - 2.80' thick and consist of very stiff to hard, silty clay (A-6) and medium dense, silty sand (A-2-4). Roadway fill soils were not encountered at this location.

Weathered, Triassic rock was encountered between elevation 223.70' - 224.50' across this bent. Hard, Triassic rock (auger refusal) was encountered in the boring performed at B6-B at elevation 223.00'. Rock core retrieved from this boring consisted of completely to slightly weathered and very soft to moderately hard, mudstone and

sandstone. RQD's are between 0% and 99%. The groundwater level across this bent was between elevations 243.80' and 245.50'. Please refer to the appropriate corelog and cross-section for a detailed, run-by run analysis of the core retrieved at this location.

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Interior Bent Seven (B7)

Alluvial soils encountered are 15.00' to 18.60' thick and consist of very soft to medium stiff, silty clay (A-6) and loose to medium dense, coarse sand (A-1-a, A-1-b) with quartz gravel. Residual soils encountered at this bent are approximately 3.50' - 4.50' thick and consist of hard, sandy silt (A-4). Roadway fill soils were not encountered at this location.

Weathered, Triassic rock was encountered between elevation 220.50' – 225.40' across this bent. Hard, Triassic rock (auger refusal) was encountered at elevation 222.40' in the boring performed at B7-A. Rock core retrieved at this location consisted of slightly weathered and moderately hard, mudstone and sandstone. RQD's on the recovered core are between 76% and 100%. The groundwater level across this bent was between elevations 243.90' and 245.80'. Please refer to the appropriate corelog and cross-section for a detailed, run-by run analysis of the core retrieved at this location.

Interior Bent Eight (B8)

Alluvial soils encountered are 16.0' thick and consist of very soft to soft silty clay (A-6) and loose to dense coarse sand (A-2-4, A-1-b). Residual soils encountered at this bent are approximately 4.60' - 5.00' thick and consist of hard, sandy silt (A-4) and very dense, coarse sand (A-2-4). Roadway fill soils were not encountered at this location.

Weathered, Triassic rock was encountered between elevation 223.90' - 224.40' across this bent. Hard, Triassic rock (auger refusal) was encountered at elevation 222.90' in the boring performed at B8-A. Rock core retrieved at this location consisted of moderately to slightly weathered and moderately hard, mudstone and sandstone. RQD's are between 42% and 78%. The groundwater level across this bent was between elevations 244.50' and 245.40'. Please refer to the appropriate corelog and cross-section for a detailed, run-by run analysis of the core retrieved at this location.

Interior Bent Nine (B9)

Alluvial soils encountered are 14.70' to 17.00' thick and consist of very soft to soft, silty clay (A-6) with quartz gravel and loose to medium dense, coarse sand (A-1-b) with gravel. Residual soils encountered at this bent are approximately 0.90' - 1.50' thick and consist of very stiff, sandy silt (A-4). Roadway fill soils were not encountered at this location.

Weathered, Triassic rock was encountered between elevation 228.10' – 228.20' across this bent. Hard, Triassic rock (auger refusal) is present on this bent between elevation 222.70' – 225.80'. Rock core retrieved at this location consisted of moderately to slightly weathered and soft to moderately hard, mudstone and sandstone. RQD's are between 0% and 100%. The 24 hour groundwater level across this bent was between elevations 244.30' and 246.10'. Please refer to the appropriate corelog and cross-section for a detailed, run-by run analysis of the core retrieved at this location.

Interior Bent Ten (B10)

Alluvial soils encountered are 15.0' thick and consist of very soft to soft, silty clay (A-6) with gravel and very loose to loose coarse sand (A-2-4). Residual soils