

A boring on the left side of the west-bound bridge (WBL B3-A) penetrated 3.16 meters of alluvial brown and black silty sand and 1.16 meters of basal alluvial gravel to encounter saprolite at a depth of 4.32 meters, composed of very hard sandy silt (A-4). The boring passed into soft weathered rock at 6.55 meters and into hard rock at 14.55 meters. The rock from there to the base of the boring at 22.78 meters was fresh, sound metasiltstone. 7.6 meters of NXWL casing was abandoned in this boring.

#### Interior Bent 4 (B4):

This bent is located on the wooded part of the west bank floodplain about 12 meters from the river bank. The subsurface here is characterized by 3 to 4 meters of alluvial sand and basal alluvial gravel overlying 8 to 12 meters of saprolite and weathered rock. The transition to hard rock takes place over an interval of several meters in which weathered rock and hard rock are interlayered.

A boring on the left side of the east bound bridge (EBL B4-B) penetrated 1.94 meters of alluvial silty sand (A-2-4) and 1.10 meters of basal alluvial sand and gravel (A-1-b) to find saprolite, composed of hard sandy silt (A-4), at a depth of 3.04 meters. Soft weathered rock was found from 5.51 meters to 13.05 meters. From 13.05 meters to 17.62 meters the boring penetrated alternating intervals of more and less weathered metasiltstone and soft weathered rock. Fresh, sound metasiltstone was found from 17.62 meters to the base of the boring at 24.28 meters, interrupted by a slightly weathered, very highly fractured interval from 20.98 meters to 21.78 meters.

A boring on the right side of the east-bound bridge (EBL B4-B) encountered soft weathered rock at a depth of 3.08 meters beneath alluvial silty sand (A-2-4) and basal alluvial gravel (A-1-b). At a depth of 12.46 meters the boring passed into a 2.2 meter interval of more and less weathered metasiltstone and soft weathered rock interlayered. Slightly weathered, highly fractured metasiltstone was penetrated from 14.68 meters to 19.77 meters. Fresh, sound rock was encountered from there to the base of the boring at a depth of 23.76 meters.

A boring on the left side of the west-bound bridge (WBL B4-A) penetrated 3.82 meters of alluvial silty sand (A-2-4) overlying saprolite. From 3.82 meters to a depth of 17.88 meters the boring passed through an intergradational section of hard to very hard sandy silt saprolite (A-4) and soft weathered rock in intervals about 1.5 to 4.0 meters thick. At depth 17.88 meters the boring passed from weathered rock into hard rock, consisting of fractured metasiltstone. Hard rock was encountered at intervals from 17.88 to 19.44 meters and 21.46 to 22.75 meters. Those intervals were interlayered with soft weathered rock or saprolite, and the boring was terminated at 26.03 meters, with no recovery in the final 1.52 meter run.

A boring on the right side of the west-bound bridge (WBL B4-B) penetrated 2.6 meters of alluvial silty sand (A-2-4) and 1.34 meters of basal alluvial sand and gravel (A-1-b) to