

A boring on the left side of the east-bound bridge (EBL B2-A) penetrated 4.1 meters of alluvial sand overlying 3.04 meters of soft weathered rock. Hard rock was encountered at 7.16 meters depth, consisting of slightly fractured phyllite alternating with somewhat weathered, highly fractured intervals up to a meter thick. Fresh, sound metasilstone was found at a depth of 13.25 meters and continued to the base of the boring at 19.93 meters.

A boring on the right side of the east-bound bridge (EBL B2-B) penetrated 3.37 meters of alluvial sand overlying 0.63 meters of soft weathered rock. Hard rock composed of very good quality metasilstone was encountered at a depth of 4.02 meters. Abruptly at depth 8.14 meters the bit encountered brown, silty saprolite, with no recovery until fresh, sound metasilstone was reentered at 8.94 meters. The rock continued as good quality metasilstone from there to the base of the boring at 12.22 meters depth.

A boring on the left side of the west-bound bridge (WBL B2-A) found 0.76 meters of soft weathered rock beneath 3.95 meters of alluvial sand. Hard rock was encountered at 4.71 meters, consisting of slightly weathered, slightly fractured metasilstone down to 11.25 meters. At that depth the boring passed into fresh, sound metasilstone, which persisted to the base of the boring at 19.91 meters.

Interior Bent 3 (B3):

This bent is located in the forested portion of the west bank floodplain 40 meters from the river bank. Sandy alluvial soils here are approximately 3.9 to 4.7 meters deep, including about a meter of basal silty sand and gravel. Those soils overlie saprolite, which passes downward into soft weathered rock. The depth to hard rock varies on this bent from about 6 meters on the right side of the east-bound bridge to about 14.5 meters on the left side of the west-bound bridge.

A boring on the left side of the east-bound bridge (EBL B3-A) penetrated 2.90 meters of alluvial silty sand and 1.01 meter of basal alluvial silty sand and gravel to encounter saprolite composed of hard sandy silt at a depth of 3.91 meters. The boring passed from saprolite into soft weathered rock at 5.24 meters and into hard rock at 10.00 meters. The upper 3.20 meters of rock was fresh, sound metasilstone. Slightly weathered, fair quality metasilstone was found from 13.20 meters to 13.92 meters. The rock from there to the base of the boring at 21.26 meters depth was fresh, sound metasilstone with a few thin weathered seams.

A boring on the right side of the east-bound bridge (EBL B3-B) found 3.65 meters of alluvial silty sand and about 1 meter of basal alluvial gravel overlying saprolite at a depth of 4.68 meters. The boring penetrated 0.87 meter of hard, sandy silt (A-4) and 0.60 meter of soft weathered rock to encounter hard rock at a depth of 6.10 meters. From there down to 9.44 meters the rock was slightly weathered, highly fractured metasilstone. Fresh, very good quality rock was found from 9.44 meters to 15.58 meters; and slightly weathered, poor rock was again found from 15.58 meters to the base of the boring at 16.92 meters.