

A boring on the left side of the east-bound bridge (EBL B7-A) penetrated 2.58 meters of alluvial silty sand (A-2-4) and 1.53 meters of basal alluvial sand and gravel (A-1-b). Saprolite composed of hard to very hard, sandy silt (A-4) was found from the base of alluvium at 4.11 meters to 7.71 meters, where the boring entered soft weathered rock. Hard rock was encountered at 9.23 meters. The boring was advanced through 4.45 meters of slightly weathered, highly fractured phyllite to a depth of 13.68 meters. From there to the base of the boring at 25.58 meters the rock consisted of fresh, poor to fair quality phyllite, with a slightly weathered interval from 15.22 to 17.11 meters. 10.7 meters of NXWL casing was abandoned in this boring.

A boring on the right side of the east-bound bridge found 2.39 meters of alluvial silty sand (A-2-4) and 1.06 meters of basal alluvial sand and gravel (A-1-b) overlying sandy silt saprolite (A-4) at a depth of 3.45 meters. At 4.40 meters the boring entered soft weathered rock. At 10.29 meters it re-entered saprolite consisting of stiff to hard sandy silt (A-4), which persisted to a depth of 16.20 meters. A thin interval of weathered rock gave way to hard rock at 16.94 meters. Fair quality phyllite was cored to a depth of 19.48 meters. Poor quality, slightly weathered phyllite with extremely fractured seams was found from 19.48 meters to 23.78 meters. Fresh, sound phyllite was found from there to the base of the boring at a depth of 27.53 meters.

A boring on the left side of the west-bound bridge found 2.03 meters of alluvial silty sand (A-2-4) and 2.03 meters of basal alluvial sand and gravel (A-1-b) overlying soft weathered rock at a depth of 4.06 meters. A thin interval of poor quality hard rock was found from 4.97 to 5.62 meters. From that depth to 13.80 meters the boring was advanced through soft weathered rock with hard rock seams, interrupted by an interval of stiff to hard, sandy silt saprolite (A-4) from 10.73 to 12.00 meters. Hard rock was again encountered at 13.80 meters, consisting of poor quality phyllite with weathered rock seams. Fresh, sound phyllite was found from 17.75 meters to the base of the boring at a depth of 25.5 meters.

A boring on the right side of the west-bound bridge (WBL B7-B) penetrated 2.17 meters of alluvial silty sand (A-2-4) and 1.45 meters of basal alluvial sand and gravel (A-1-b). Silty saprolite was found at a depth of 3.62 meters and soft weathered rock at 4.09 meters. The boring passed through hard rock from 6.02 meters to 9.34 meters, consisting of poor quality, slightly weathered to fresh phyllite. Soft to hard weathered rock was found underlying that from 9.34 meters to a depth of 16.16 meters, at which point the boring re-entered hard rock. The upper 2.25 meters consisted of slightly weathered, poor quality phyllite. Fresh, sound phyllite was found from 18.41 meters to the base of the boring at a depth of 21.49 meters.

End Bent 2 (EB2):

This bent is located in a cultivated field on the east bank floodplain approximately 40 meters from the river bank. Subsurface materials here consist of interlayered saprolite