

Interior Bent 6 (B6):

This bent is located in the river channel approximately 5 meters from the east bank. Hard rock was found beneath 7 to 10 meters of saprolite and weathered rock, with a very thin alluvial cover.

A boring was made 6 meters back-station on the left side of the east-bound bridge (EBL B6-A). It penetrated 0.5 meters of alluvial gravel overlying saprolite composed of stiff to hard sandy silt (A-4). The boring entered soft weathered rock at 3.82 meters and continued in soft to hard weathered rock to a depth of 8.87 meters, at which point it re-entered saprolite similar to that above. Hard rock was encountered at 10.25 meters. The upper 1.66 meters was found to be a highly fractured and somewhat weathered phyllite. Rock quality improved at 11.19 meters, and from there to the base of the boring at 21.03 meters depth the rock consisted of fresh, sound phyllite alternating with slightly to moderately weathered, highly fractured phyllite in 0.5 to 2.0 meter intervals.

A boring was made 9 meters back-station on the right side of the east-bound bridge (EBL B6-B). Saprolite composed of stiff to hard, sandy silt (A-4) was found beneath 0.58 meters of alluvial sand and gravel. The boring entered soft weathered rock at 7.10 meters, and hard rock was encountered at a depth of 9.55 meters. After about a meter of fresh phyllite, the boring penetrated about 5 meters of slightly to moderately weathered, fractured phyllite with a few soft weathered seams. Fresh, sound phyllite was found from a depth of 15.57 meters to the base of the boring at 21.48 meters.

A boring on the left side of the west bound bridge (WBL B6-A) penetrated 0.20 meters of alluvial gravel and found 4.50 meters of stiff to hard sandy silt saprolite (A-4) overlying 2.6 meters of soft weathered rock. Hard rock composed of slightly weathered, fractured phyllite with soft weathered rock seams was encountered from 7.10 meters to 14.10 meters. At that depth the boring re-entered silty saprolite and soft weathered rock similar to that above, until hard rock was again encountered at 16.11 meters. Fresh, slightly fractured phyllite was found from 16.11 meters to 20.45 meters. Slightly weathered, highly fractured phyllite was found from 20.45 meters to the base of the boring at 22.19 meters.

Interior Bent 7 (B7):

This bent is located in a cultivated field on the east bank floodplain approximately 15 meters from the river bank. Alluvial sand and gravel is about 3 to 4 meters deep. Hard rock varies in depth from about 9 to 16 meters on the east-bound side and from 5 to 6 meters on the west-bound side, beneath saprolite and soft weathered rock. A thick section of soft weathered rock underlies the initial hard rock line on the west-bound side.