

Interior Bent 4

This bent is located approximately 30 meters east of SR-1558 on a gentle, wooded slope. Natural ground slopes gently to the right at this bent, so that the right side of the bent is approximately 3.5 meters lower than the left side.

A boring on the left side (B4-A) penetrated 2.45 meters of saprolite overlying soft weathered rock. The boring was carried to a total depth of 10.12 meters in soft weathered rock and terminated without finding hard rock. The saprolite is composed of red and brown, dense to very dense, silty sand with thin, crusty weathered rock layers. The weathered rock is red and brown to gray, silty material with a few saprolite seams.

A boring on the right side (B4-B) penetrated 4.80 meters of saprolite, and 3.26 meters of soft weathered rock before encountering hard rock at a depth of 8.06 meters. The saprolite is composed of red and tan, dense to very dense, silty sand with thin, crusty weathered rock layers. The weathered rock below the saprolite is gray, silty material grading down to hard rock. The hole was cored in hard rock from 8.06 meters to a total depth of 16.16 meters, finding fresh, good to very good phyllite throughout.

A boring was made on the right side of the proposed west bound lane (WBL B4-B). Soft weathered rock was found from the ground surface down to 7.58 meters. It was composed of red and tan, sandy silty material. Hard rock was cored from 7.58 meters to the base at 13.61 meters. It consisted of slightly weathered, fractured phyllite with a few thin weathered rock intervals.

End Bent 2

This bent is located on gently sloping, wooded ground. Hard rock was not encountered in borings at this bent. A boring on the left side (EB2-A) penetrated 5.65 meters of saprolite and was continued to a depth of 9.12 meters in soft weathered rock.

The saprolite consists of red and tan, hard, clayey, fine sandy silt with intermittent weathered rock seams. Weathered rock below the saprolite consisted of red and tan, sandy, silty material.

A boring on the right side (EB2-B) encountered saprolite to a depth of 2.46 meters, soft weathered rock from 2.46 meters to 5.50 meters, and saprolite again from 5.50 meters to 7.02 meters. The boring was terminated at 7.06 meters in soft weathered rock. The saprolite consists of red and tan or brown, hard, silty soil with crusty weathered rock seams. The soft weathered rock is a red and tan, silty material.

A boring was made on the right side of the west bound land (WBL EB2-B), and penetrated soft weathered rock to a depth of 2.80 meters. Saprolite was encountered below there from 2.80 to 5.40 meters. Soft weathered rock was again encountered from 5.40 meters to base of the boring at 8.98 meters. The saprolite and weathered rock were similar to those materials in the other borings on this bent.