

## **Details of the Assurance Scheme for the construction of concrete slab protection at water course and potential debris channel crossings.**

The contractor engaged for the civil engineering works will be required to submit a detailed method statement for the construction of the concrete slab where open cut water crossings are to be traversed in non-peat areas, i.e. Glengad . The contractor will be required to excavate the loose/soft materials to a firm/dense stratum and a visual inspection by SEPIL's supervising geotechnical engineer will be performed in order to approve the founding stratum which will be at a level which will provide a minimum of 1.6m cover between the crown of the pipe and the true stream bed level. Pea gravel will be used as a pipe bedding material.

No backfilling works, installation of pipeline or services or construction of the protection slab will commence until written approval of the supervising geotechnical engineer.

The outline details of the construction of the concrete protection slab are annotated on Section B-B of drawing COR25MDR0470DG0703P03 attached to the S40 Application Document (Scope and Drawings). This drawing presents a typical open cut water crossing layout and cross sections.