PART 1 - GENERAL

1.1 DESCRIPTION .1 This section specifies supply, placement and compaction of rock and gravel fill. The areas requiring rock/gravel fill are shown on the drawings, and the Contractor will make his own assessment of the quantities required to meet the lines and grades shown on the drawings. Rock/gravel fill will not be measured separately for payment, as these costs are to be included in the lump sum arrangement. Dredged material may be used as rock and gravel fill only if meeting these specifications.

PART 2 - PRODUCTS

2.1 ROCK FILL .1 Rock fill will be of hard, durable, evenly graded blasted stone having a maximum diameter of 300 mm in major portion of fill and a maximum diameter of 150 mm in upper 600 mm of rock fill. Fill material will contain not more than 6 percent by weight passing the 25 mm sieve. Rock fill to be evenly graded within the limits specified.

.2 Use of shale rock or slate will not be permitted.

2.2 GRAVEL FILL .1 Gravel fill will consist of hard, durable, particles of stone mixed with suitable binding material. It shall be free from flat, elongated particles and shall be well graded. When tested by means of laboratory sieves it shall fulfill requirements as follows:

Sieve Size		% by Weight Passing
56	mm	100
16	mm	45-80
4.75	mm	25-55

1.25 mm	10-35
0.300 mm	5-15
0.075 mm	3-8

PART 3 - EXECUTION

3.1 PLACING ROCK FILL

.1 Only rock fill material approved by Departmental Representative will be placed. Material will be placed uniformly across full cross-section in layers not exceeding 300 mm loose depth.

.2 Use suitable earth moving and surface grading equipment to place and spread rock fill in continuous and uniform horizontal layers.

.3 Compact rock fill after each 300 mm lift.

.4 Place rock fill to 350 mm below bottom of finished grade.

3.2 PLACING GRAVEL FILL

.1 Top 300 mm of fill will consist of gravel fill as specified in Clause 2.2.1 of this section.

.2 Place gravel fill in two (2) equal lifts to minimum 95% standard proctor density.