

PART 1 - GENERAL

- 1.1 DESCRIPTION .1 This section specifies supply, placement and compaction of Class "A" in the area of new approach laydown area.
- 1.2 MEASUREMENT FOR PAYMENT .1 Class "A": The supply and installation of Class "A" as specified will be measured by the cubic metre (m³) including all plant, material, equipment and labour required to complete the work.

PART 2 - PRODUCTS

- 2.1 ROCK FILL .1 Rock fill will be of hard, durable, evenly graded blasted stone having a maximum dimension of 300mm in major portion of fill and a maximum dimension of 150mm in upper 600mm of rock fill. Fill material will contain not more than 6 percent by weight passing the 25mm sieve. Rock fill to be evenly graded within the limits specified.
- .2 Use of shale rock or late will not be permitted.
- 2.2 CLASS "A" .1 Class "A" will consist of clean, hard, durable crushed gravel or stone, free from shale clay, friable materials, organic matter and other deleterious substances and graded within the following limits when tested to ASTM C136-84 and ASTM C117-87 and giving a smooth curve without sharp breaks when plotted on a semi-log chart.

<u>ASTM Sieve Designation</u>	<u>% Passing Class "A"</u>
50.8mm	-
25.4mm	-
19.0mm	100
9.51mm	50-80
4.76mm	35-60
1.20mm	15-35
300µm	
75µm	2-6 (Pit Source)
	2-8 (Rock Source)

Physical Requirements for:

- Los Angeles Abrasion* (Loss % Maximum) ASTM C131-89 35, C535-89 35
- Percent Crushed (% Minimum) 50
- Plasticity Index ASTM D4318-84 0
- Petrographic Number (max) ASTM CSA 23-2-M90 150

PART 3 - EXECUTION

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| <u>3.1 PLACING ROCK FILL</u> | .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 300mm loose depth. |
| | .2 | Use suitable earth moving and surface grading equipment to place and spread backfill in continuous and uniform horizontal layers. |
| | .3 | Compact rock fill after each 300mm lift. |
| <u>3.2 PLACING CLASS "A"</u> | .1 | Place in 150mm lifts and compact to 98 percent standard modified proctor density. |