

# Discussion on Fact Sheet Title Box Headings

## MISCELLANEOUS TOPICS

### Drainage Control Techniques

Low Gradient	✓	Velocity Control	✓	Short-Term	✓
Steep Gradient	✓	Channel Lining	✓	Medium-Long Term	✓
Outlet Control	✓	Soil Treatment	✓	Permanent	✓

Low Gradient	Means the drainage control device is best suited to low gradient installations such as across a slope.
Steep Gradient	Means the drainage control device is best suited to steep gradient installations such as down a slope.
Outlet Control	Means the drainage structure can act as an outlet structure for a drainage channel or chute.
Velocity Control	Means the device can be used to control flow velocity within a channel.
Channel Lining	Means the fact sheet refers to the use of a material to line the surface of a channel or chute.
Soil Treatment	Means the fact sheet refers to a material used to modify the properties of the exposed soil to improve its scour resistance within a drainage channel.
Short-Term	Means the material is generally only suitable for short-term application, or has a relatively short service life.
Medium-Long Term	Means the material is generally suitable for medium to long-term applications.
Permanent	Means the material is suitable as a permanent channel/chute liner, or the drainage device is suitable for use as part of the site's permanent drainage system.

### Erosion Control Techniques

Revegetation	✓	Temperate Climates	✓	Short-Term	✓
Non Vegetation	✓	Wet Tropics	✓	Long-Term	✓
Weed Control	✓	Semi-Arid Zones	✓	Permanent	✓

Revegetation	Means the erosion control technique is associated with the revegetation of a site.
Non Vegetation	Means the technique is does not necessarily need to be incorporated with vegetation in order to achieve its erosion control benefits.
Weed Control	Means the technique provides weed control benefits along with any erosion control benefits.
Temperate Climates	Means the technique is appropriate for use in temperate climates.
Wet Tropics	Means the technique is appropriate for use within the wet tropics.
Semi-Arid Zones	Means the technique is appropriate for use within semi-arid zones.
Short-Term	Means the technique typically has a short service life.
Long-Term	Means the technique can provide long-term erosion control benefits.
Permanent	Means the technique can be used for permanent erosion control.

## Sediment Control Techniques

Type 1 System	✓	Sheet Flow	✓	Sandy Soils	✓
Type 2 System	✓	Concentrated Flow	✓	Clayey Soils	✓
Type 3 System	✓	Supplementary Trap	✓	Dispersive Soils	✓

Type 1 System Means the sediment control technique is generally considered to satisfy a Type 1 standard if installed and operated within the recommended design conditions.

Type 2 System Means the sediment control technique is generally considered to satisfy a Type 2 standard.

Type 3 System Means the sediment control technique is generally considered to satisfy a Type 3 standard.

Sheet Flow Means the device is best used to treat sheet flow.

Concentrated Flow Means the device is best used to treat concentrated flow.

Supplementary Trap Means the sediment control technique is generally considered not to satisfy the Type 3 sediment control standard. Thus the device may at best be considered a 'supplementary' sediment control system.

Sandy Soils Means the device is suitable (as a sediment control device) for the treatment of sandy soils.

Clayey Soils Means the device is suitable for the treatment of clayey soils.

Dispersive Soils Means the device is suitable for the treatment of dispersive soils. This does not refer to the chemical treatment of dispersive soils.

## De-Watering Sediment Control Technique

Low Flow Rates	✓	Low Filtration	✓	Sandy Soils	✓
Medium Flow Rates	✓	Medium Filtration	✓	Clayey Soils	✓
High Flow Rates	✓	High Filtration	✓	Polluted Soils	✓

Low Flow Rates Means the de-watering sediment control technique is generally only suitable for low flow rates.

Medium Flow Rates Means the de-watering sediment control technique is suitable for low to medium flow rates.

High Flow Rates Means the de-watering sediment control technique is suitable for medium to high flow rates.

Low Filtration Means the technique provides treatment equivalent to coarse filtration and thus is unlikely to extract fine grain particles.

Medium Filtration Means the technique provides treatment equivalent to medium filtration.

High Filtration Means the technique provides treatment equivalent to high filtration and thus is likely to extract significant quantities fine grain particles.

Sandy Soils Means the technique is best used in sandy soil areas.

Clayey Soils Means the technique is suitable for used in clayey soil areas.

Polluted Soils Means the technique is likely to be suitable for the partial treatment of soil containing very fine or dissolved particles.

## Instream Practices

Flow Control	✓	No Channel Flow	✓	Dry Channels	✓
Erosion Control	✓	Low Channel Flows	✓	Shallow Water	✓
Sediment Control	✓	High Channel Flows	✓	Deep Water	✓

Flow Control	Means the instream management practice is used for the temporary management of stream flow during the construction phase.
Erosion Control	Means the practice is used to control bed and bank erosion, either on a temporary basis (i.e. during the construction phase), or permanently as part of the site rehabilitation.
Sediment Control	Means the practice is used for instream sediment control during the construction phase.
No Channel Flow	Means the sediment control device is generally only suitable for use in channels during periods of no flow.
Low Channel Flows	Means the sediment control device is generally only suitable for use in channels during periods of low flow.
High Channel Flows	Means the sediment control device is generally suitable for use in channels during periods of potential high flow.
Dry Channels	Means the technique is generally only suitable for use in dry bed channels.
Shallow Water	Means the technique is generally only suitable for use in shallow water.
Deep Water	Means the technique is generally suitable for use in deep water. In some cases the device will not work effectively in shallow water.