# BF 01675 Local Road Over Driedmeat Ck Tributary
# Hydrotechnical Summary

**Channel Capacity** :

S = 0.001
B = 7 m, h = 1.4 m, $T_h$ = 12 m
Use n = 0.045

At Bank Height : Y = 1.4 m, V = 0.7 m/s, Q = 10 cms
At Channel Capacity : Y = 2.1 m, V = 1.0 m/s, Q = 22 cms

**Historical Highwater Data :**

There is no HW data for this site.

There are no gauges on this stream. Gauges in the area suggest large runoff events in April 1974, and March 1985. No storms in the storm database exceed 100mm for this area.

**Basin Runoff Potential :**

d = 35mm, $T_p$ = 40hrs, q = 0.25 cms/km$^2$.
Gross DA = 155 km$^2$.
$Q_p$ = 40 cms.

**Conclusion :**

The channel capacity estimate is consistent with historic observations and is within the basin runoff potential.

Recommended parameters : Y = 2.1 m, V = 1.0 m/s, Q = 22 cms.