

## Attachment 1 – Watercourses Investigation



Australian**Survey**Solutions

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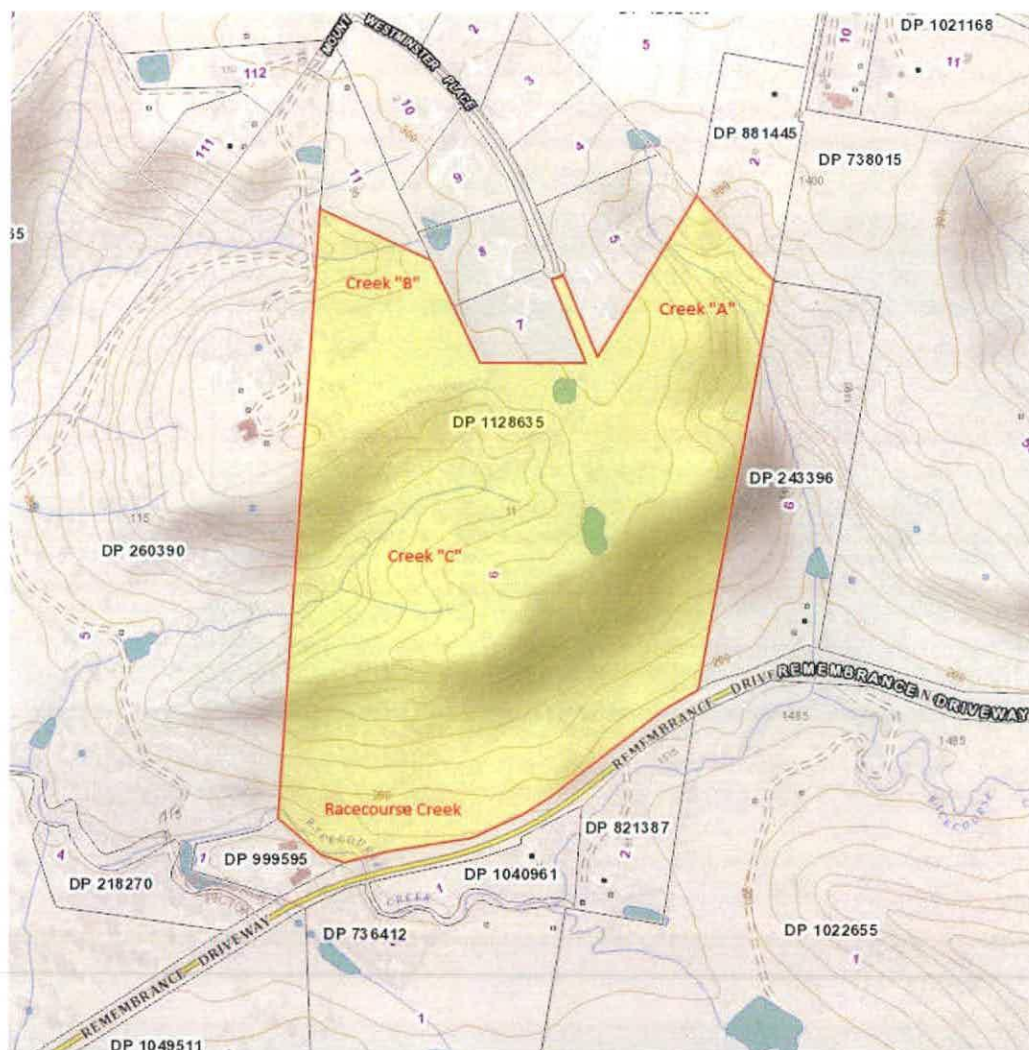
Our Reference: 150715  
23 November 2015

**Re: 11 Westminster Place, Razorback**

Dear Jeff,

In accordance with your request, Australian Survey Solutions has investigated all mapped water courses mapped on the 1: 25 000 topography maps over Lot 6 DP 1128635, known as 11 Westminster Place, Razorback.

A copy of the 1: 25 000 topography maps is listed below, together with the 4 mapped water courses, listed as creeks A, B, C and racecourse creek.







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### Creek "A"

Whilst mapped as a creek, an investigation on site has found that no watercourse exists in this location. The site is dominated by a steep gully. Fencing and steep embankments prevent the passage of people and live stock in this area. The site contains no evidence of a creek bank or bed, typical of a watercourse and certainly is not a permanent watercourse.

An upstream dam, located on Lots 4 & 5 DP 1128635 ensures that water is prevented from entering the gully. The gully would generally only convey overland flow of surface water captured within the gully itself.

An image of the gully is listed below



### Creek "B"

Whilst mapped as a creek, an investigation on site has found that no watercourse exists in this location. The site is dominated by a small path of fenced off vegetation and a gully of gentle grade. The site contains no evidence of a creek bank or bed, typical of a watercourse and certainly is not a permanent watercourse.

An upstream dam, located on Lots 8 & 9 DP 1128635 ensures that water is prevented from entering the gully. The gully would generally only convey overland flow of surface water captured within the gully itself.

An image of the gully is listed below





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### Creek "C"

Whilst mapped as a creek, an investigation on site has found that no watercourse exists in this location. The site is dominated by a gully of steep grade and is vegetated by trees grasses. The area is fenced off from the actively used portion of the site and is not grazed by animals. The site contains no evidence of a creek bank or bed, typical of a watercourse and certainly is not a permanent watercourse.

Two upstream dams, located on Lot 6 DP 1128635 ensure that water is prevented from entering the gully. The gully would generally only convey overland flow of surface water captured within the gully itself.

An image of the gully is listed below







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**Racecourse Creek**

Investigation on site has found an existing and permanent watercourse exists in this location. Survey has found that the location of the creek is generally mapped in the correct location. The site is dominated by a more open valley at the base of the escarpment and is vegetated by trees grasses with high weed infestation. The area is fenced off from the actively used portion of the site and is not grazed by animals. The site is a permanent flowing watercourse and displays characteristics of a creek bank or bed.

The site is quite removed and isolated from the proposed development site.

An image of the gully is listed below



Yours Sincerely

Registered Surveyor  
Australian Survey Solutions