

SECTION TWO - BUSH FIRE ASSESSMENT REPORT  
(Attach to DA)

**PART A** Property Details

Applicants Name: HORACE SYLVIA RAPA  
 Contact Phone Number; (H): (.....) 0433488904 (M): .....  
 Council: PENRITH Council Reference (if known): .....  
 Lot: 79 DP: 1005461  
 Address to be developed: 2497 THE NORTHERN RD MALCOA  
 My property is on Bush Fire Prone Land:  Yes

**PART B** Type of Proposal

Type of Proposal:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> New Building                      | <input type="checkbox"/> Urban             |
| <input type="checkbox"/> Dual Occupancy                               | <input type="checkbox"/> Rural Residential |
| <input type="checkbox"/> Alteration/Additions to an existing building | <input type="checkbox"/> Isolated Rural    |

Proposal Description: e.g. two storey house with attached garage CRAWNY FLAT DETACHE GARAGE

Copy of plans attached  Yes

**PART C** Bush Fire Attack and Level of Construction

**Step 1: Assess the vegetation about the proposed building in all directions and convert from Keith to AUSLIG (1990) using Table 1**

CATEGORY	NORTH	EAST	SOUTH	WEST
Converted vegetation	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest	<input type="checkbox"/> Forest
	<input type="checkbox"/> Woodland	<input type="checkbox"/> Woodland	<input type="checkbox"/> Woodland	<input type="checkbox"/> Woodland
	<input type="checkbox"/> Shrubland	<input type="checkbox"/> Shrubland	<input type="checkbox"/> Shrubland	<input type="checkbox"/> Shrubland
	<input type="checkbox"/> Scrub	<input type="checkbox"/> Scrub	<input type="checkbox"/> Scrub	<input type="checkbox"/> Scrub
	<input type="checkbox"/> Mallee/Mulga	<input type="checkbox"/> Mallee/Mulga	<input type="checkbox"/> Mallee/Mulga	<input type="checkbox"/> Mallee/Mulga
	<input type="checkbox"/> Rainforest	<input type="checkbox"/> Rainforest	<input type="checkbox"/> Rainforest	<input type="checkbox"/> Rainforest
	<input type="checkbox"/> Tussock	<input type="checkbox"/> Tussock	<input type="checkbox"/> Tussock	<input type="checkbox"/> Tussock
	<input type="checkbox"/> Moorland	<input type="checkbox"/> Moorland	<input type="checkbox"/> Moorland	<input type="checkbox"/> Moorland
	<input type="checkbox"/> Managed Land	<input type="checkbox"/> Managed Land	<input type="checkbox"/> Managed Land	<input type="checkbox"/> Managed Land

Copy of any relevant photos attached  Yes

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**Step 2: Determine the distance from asset to boundary line**

ASPECT	NORTH	EAST	SOUTH	WEST
Distance	40399 m	27117 m	<del>50</del> m	150 m

**Step 3: Determine the distance from the building line to the vegetation in each direction as above**

ASPECT	NORTH	EAST	SOUTH	WEST
Distance	40399 m	27117 m	..... m	..... m

**Step 4: Determine the effective slope that will influence bush fire behaviour in each direction**

CATEGORY	NORTH	EAST	SOUTH	WEST
Slope under the hazard (over 100m) [in degrees]	<input checked="" type="checkbox"/> upslope/flat	<input checked="" type="checkbox"/> upslope/flat	<input checked="" type="checkbox"/> upslope/flat	<input type="checkbox"/> upslope/flat
	<input type="checkbox"/> >0 to 5	<input type="checkbox"/> >0 to 5	<input type="checkbox"/> >0 to 5	<input checked="" type="checkbox"/> >0 to 5
	<input type="checkbox"/> >5 to 10	<input type="checkbox"/> >5 to 10	<input type="checkbox"/> >5 to 10	<input type="checkbox"/> >5 to 10
	<input type="checkbox"/> >10 to 15	<input type="checkbox"/> >10 to 15	<input type="checkbox"/> >10 to 15	<input type="checkbox"/> >10 to 15
	<input type="checkbox"/> >15 to 18	<input type="checkbox"/> >15 to 18	<input type="checkbox"/> >15 to 18	<input type="checkbox"/> >15 to 18

**Step 5: Determine the Fire Danger Index (FDI) that applies to your local government area (see page 9). Circle the relevant FDI below**

FDI  100  80  50

**Step 6: Match the relevant FDI, vegetation, distance and slope to determine the required APZ and Construction level**

FDI  100 (see Table 4, page 11)  80 (see Table 5, page 12)  50 (see Table 6, page 13)

Identify the bush fire attack level for each direction, select the highest level for the entire building and record below. Note BAL-12.5 is the lowest construction level within the scope of AS3959.

**Bush Fire Attack Level**

- BAL- FZ
- BAL- 40
- BAL- 29
- BAL- 19
- BAL-12.5
- No requirement

Does your proposal meet the required construction level  YES  NO

**PART D**

**Flame Zone**

Provide details and evidence of an alternative solution.

If you determine your house is located in the flame zone you may wish to seek the advice of a specialist bush fire consultant.

**PART E Water Supplies**

Does your property have a reticulated (piped) water supply? If so, please provide details on the distance to the nearest fire hydrant on your site plan.

Reticulated (piped) water supply is available

Yes  No Distance ..... (m) to hydrant from house.

Do you have or do you plan to have a dedicated water supply for firefighting purposes?

Yes  No

Development Type	Water Requirement	Planned	Existing
Residential Lots (<1,000m <sup>2</sup> )	5,000 l/lot		
Rural-Residential Lots (1,000-10,000m <sup>2</sup> )	10,000 l/lot	<input checked="" type="checkbox"/>	
Large Rural/Lifestyle Lots (>10,000m <sup>2</sup> )	20,000 l/lot		
Dual Occupancy	2,500 l/unit		
Townhouse/Unit Style (e.g. Flats)	5,000 l/unit up to 20,000l maximum		

Do you have or do you plan to have a static water supply (e.g. pool, tank or dam). Include approx. size in litres and also include tank material if using a tank:

Water supply type	Capacity	Construction material	Planned	Existing
e.g. pool	50,000l	Above ground rolled steel with plastic liner		
DAM				<input checked="" type="checkbox"/>

NOTE: Check with your local council concerning their Local Environmental Plan (LEP) or their Development Control Plan (DCP) as this may dictate the type and size of tank.

**PART F Gas Supplies**

**GAS**

Do you have reticulated (piped) or bottled gas?

**TYPE OF GAS**

Reticulated gas  Yes  No  
 Bottled gas  Yes  No

**!** NOTE: When attaching development plans please ensure they clearly show location and details of electricity and gas (where relevant) on your property.

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