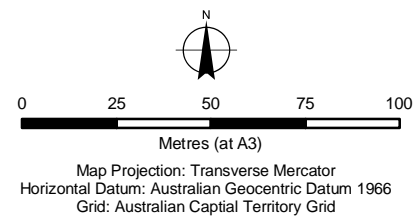
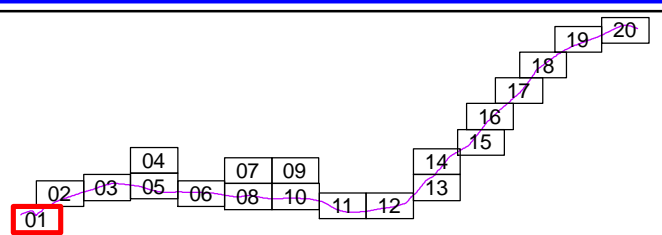


**Legend**

River/Creek	Fenced Work Compounds & Laydown Areas	Pre-clearance survey data	Swansonia Sericea	Construction Corridor Width
Electrical Transmission Line	Pipeline Structures	Hollow Bearing Tree	Wombat Burrow	15m
Pipeline Alignment	Cadastral Boundary	PTWL - Rocky Outcrop		20m
Alternative Alignment	Waterbody	PTWL		25m
		Swansonia Recta		30m
				35m
				40m

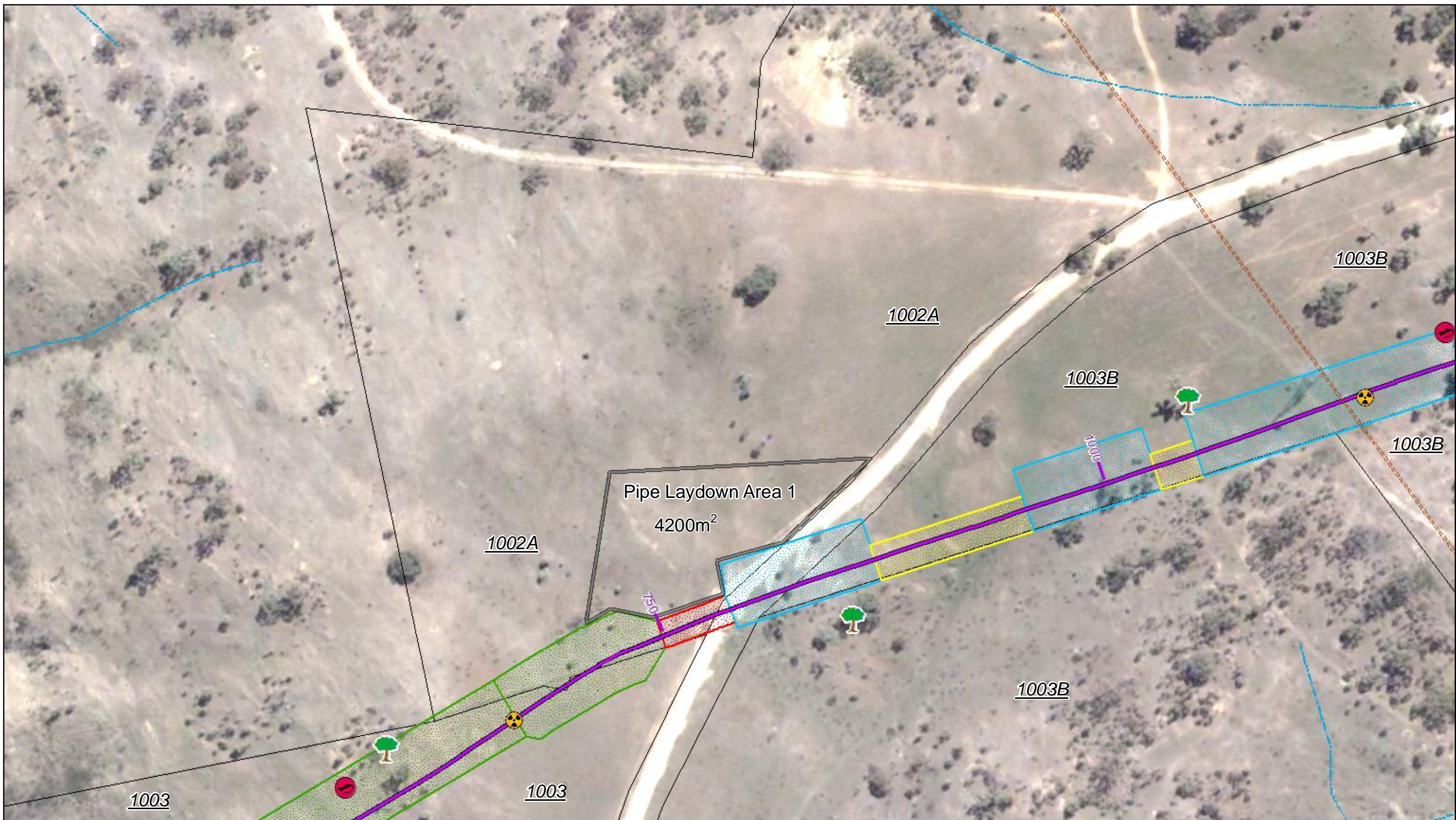


**BULK WATER ALLIANCE**

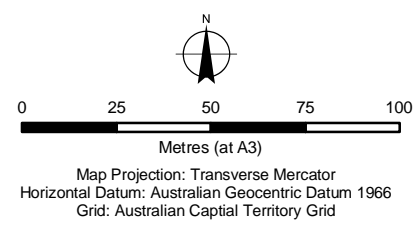
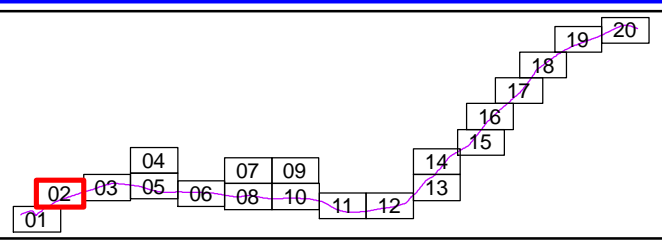


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 01 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- River/Creek
  - Electrical Transmission Line
  - Pipeline Alignment
  - Alternative Alignment
  - Fenced Work Compounds & Laydown Areas
  - Pipeline Structures
  - Cadastral Boundary
  - Waterbody
  - Pre-clearance survey data
  - Hollow Bearing Tree
  - PTWL - Rocky Outcrop
  - PTWL
  - Swansonia Recta
  - Swansonia Sericea
  - Wombat Burrow
  - Construction Corridor Width**
  - 15m
  - 20m
  - 25m
  - 30m
  - 35m
  - 40m

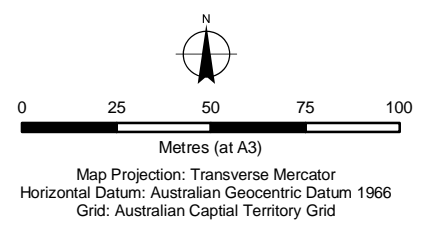
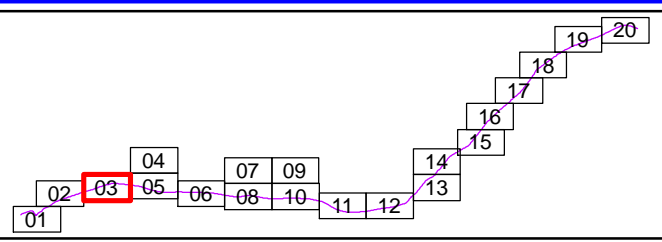
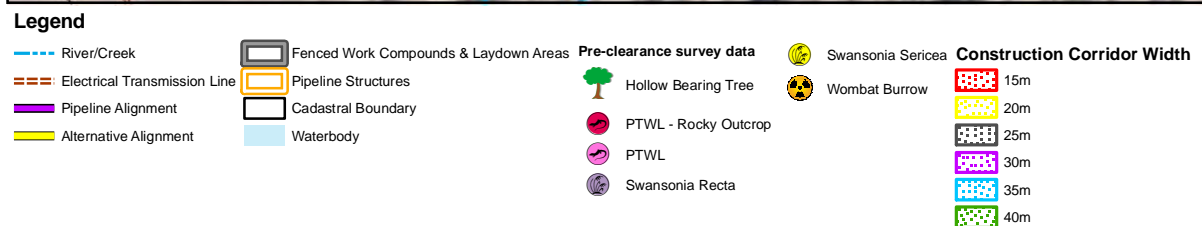
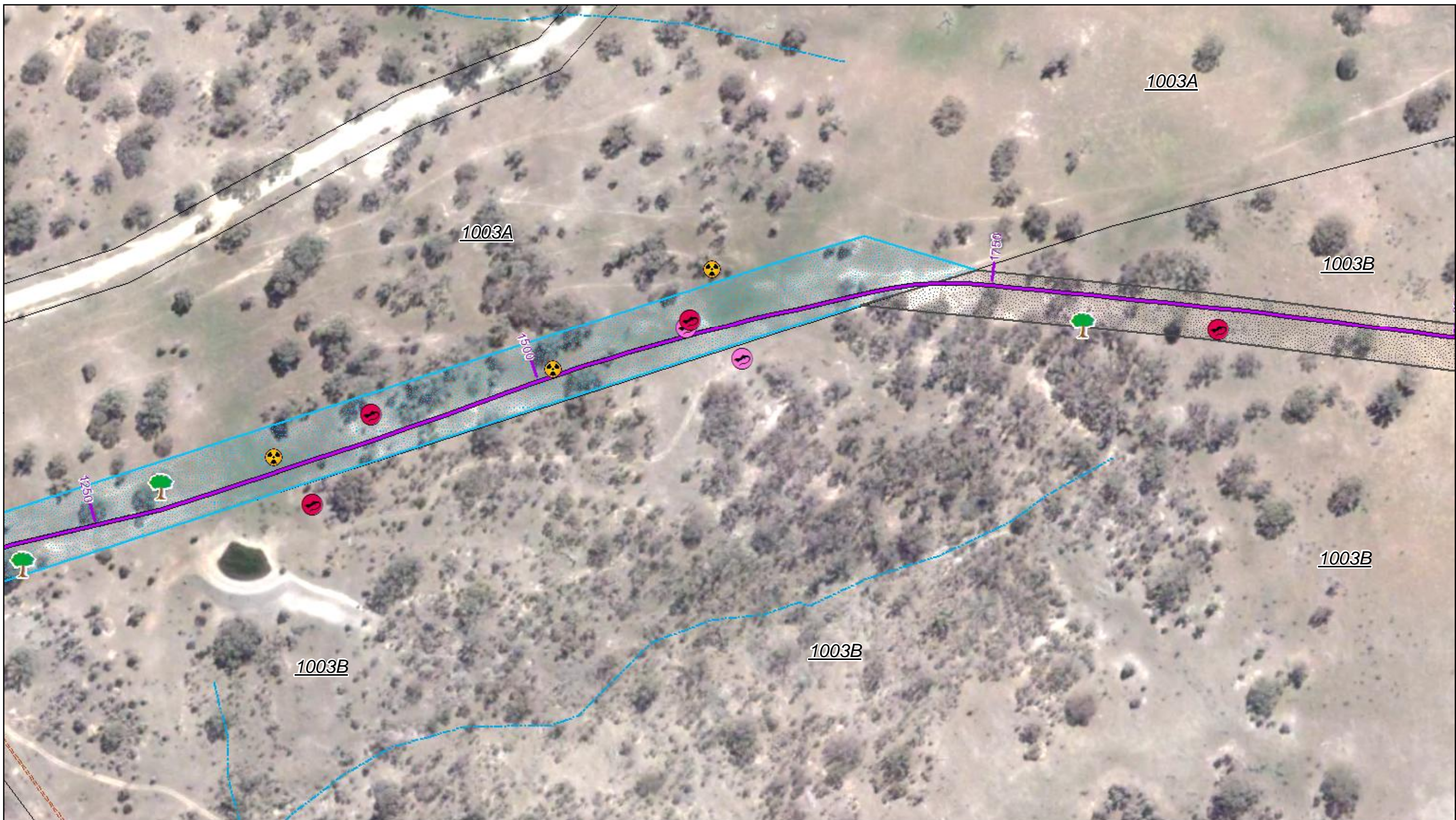


**BULK WATER ALLIANCE**



**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 02 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:

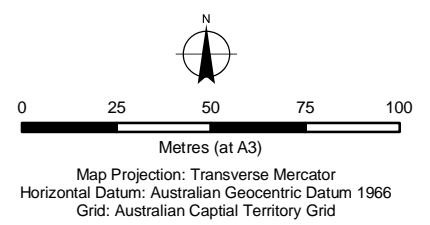
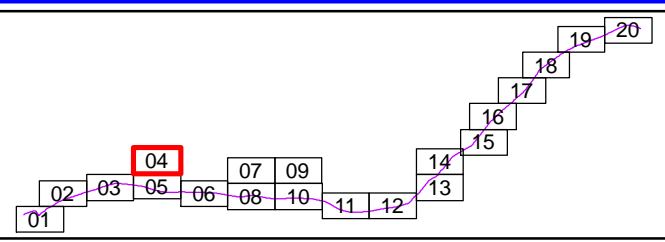
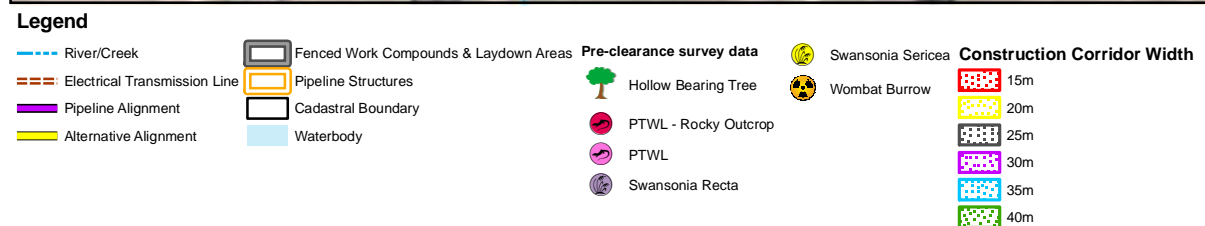


**BULK WATER ALLIANCE**



**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 03 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



**BULK WATER ALLIANCE**

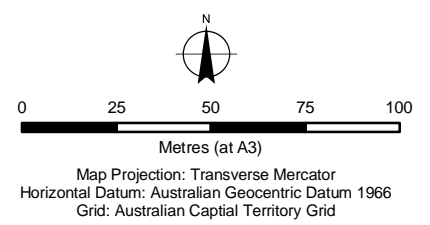
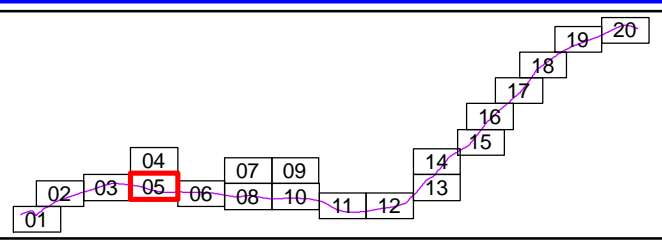


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 04 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- |                              |                                       |                           |                   |                             |
|------------------------------|---------------------------------------|---------------------------|-------------------|-----------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | Pre-clearance survey data | Swansonia Sericea | Construction Corridor Width |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree       | Wombat Burrow     | 15m                         |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop      |                   | 20m                         |
| Alternative Alignment        | Waterbody                             | PTWL                      |                   | 25m                         |
|                              |                                       | Swansonia Recta           |                   | 30m                         |
|                              |                                       |                           |                   | 35m                         |
|                              |                                       |                           |                   | 40m                         |

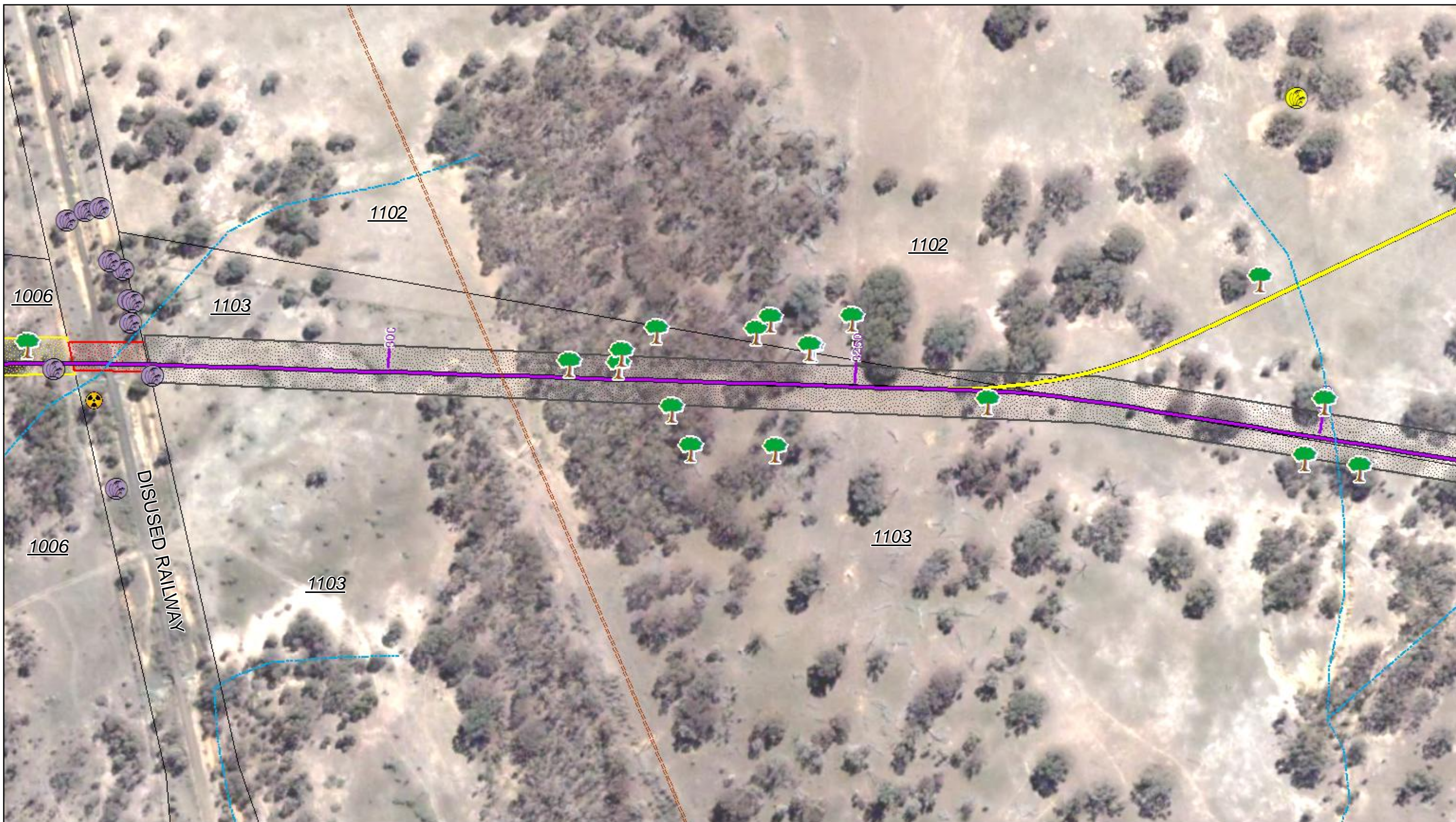


**BULK WATER ALLIANCE**

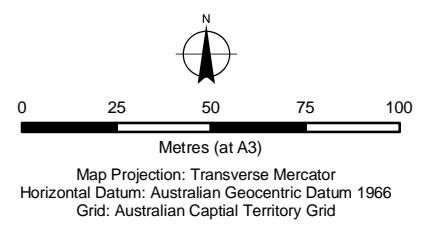
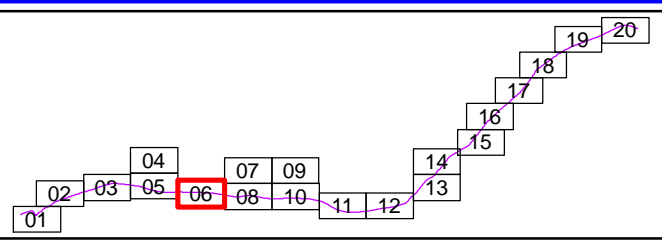


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 05 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- River/Creek
  - Electrical Transmission Line
  - Pipeline Alignment
  - Alternative Alignment
  - Fenced Work Compounds & Laydown Areas
  - Pipeline Structures
  - Cadastral Boundary
  - Waterbody
  - Hollow Bearing Tree
  - PTWL - Rocky Outcrop
  - PTWL
  - Swansonia Recta
  - Swansonia Sericea
  - Wombat Burrow
  - Construction Corridor Width 15m
  - Construction Corridor Width 20m
  - Construction Corridor Width 25m
  - Construction Corridor Width 30m
  - Construction Corridor Width 35m
  - Construction Corridor Width 40m

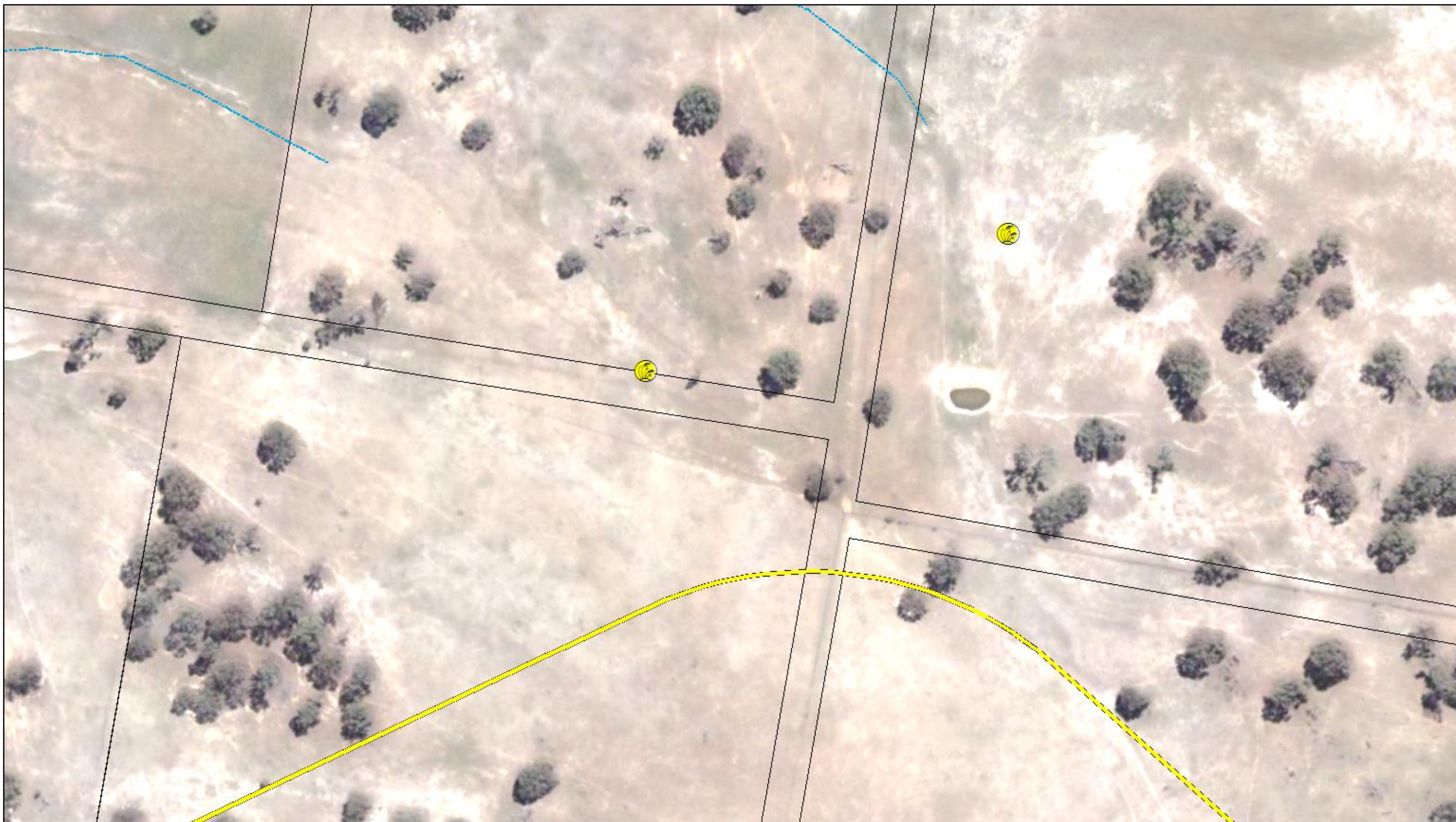


**BULK WATER ALLIANCE**

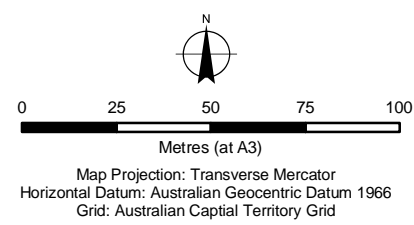
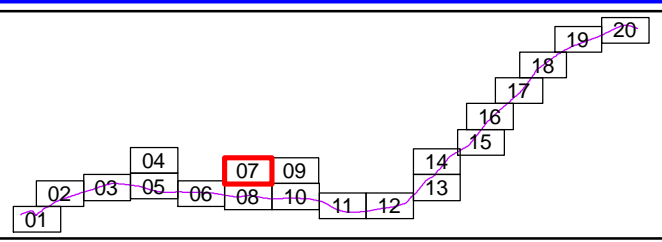


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 06 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- |                              |                                       |                                  |                   |                                    |
|------------------------------|---------------------------------------|----------------------------------|-------------------|------------------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | <b>Pre-clearance survey data</b> | Swansonia Sericea | <b>Construction Corridor Width</b> |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree              | Wombat Burrow     | 15m                                |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop             | PTWL              | 20m                                |
| Alternative Alignment        | Waterbody                             | Swansonia Recta                  |                   | 25m                                |
|                              |                                       |                                  |                   | 30m                                |
|                              |                                       |                                  |                   | 35m                                |
|                              |                                       |                                  |                   | 40m                                |



**BULK WATER ALLIANCE**

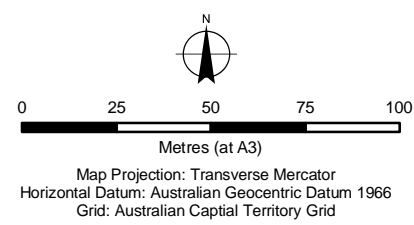
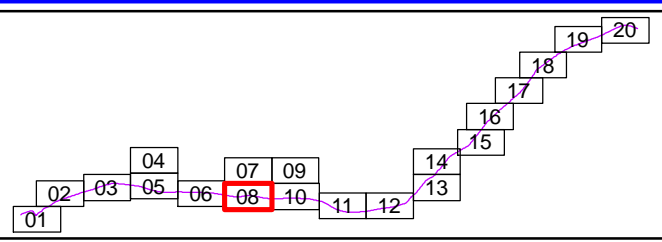


**Murrumbidgee to Googong Water Transfer Project**  
**Pre-clearance Survey Results - Alternative Alignment**  
 Map 07 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- |                              |                                       |                                  |                   |                                    |
|------------------------------|---------------------------------------|----------------------------------|-------------------|------------------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | <b>Pre-clearance survey data</b> | Swansonia Sericea | <b>Construction Corridor Width</b> |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree              | Wombat Burrow     | 15m                                |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop             |                   | 20m                                |
| Alternative Alignment        | Waterbody                             | PTWL                             |                   | 25m                                |
|                              |                                       | Swansonia Recta                  |                   | 30m                                |
|                              |                                       |                                  |                   | 35m                                |
|                              |                                       |                                  |                   | 40m                                |



**BULK WATER ALLIANCE**



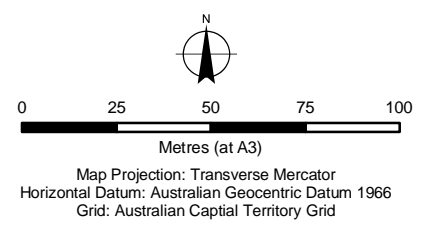
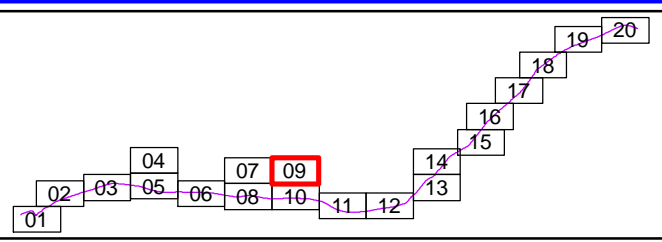
**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results -  
 Alternative Alignment  
 Map 08 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:





- Legend**
- |                              |                                       |                                  |                   |                                    |
|------------------------------|---------------------------------------|----------------------------------|-------------------|------------------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | <b>Pre-clearance survey data</b> | Swansonia Sericea | <b>Construction Corridor Width</b> |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree              | Wombat Burrow     | 15m                                |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop             |                   | 20m                                |
| Alternative Alignment        | Waterbody                             | PTWL                             |                   | 25m                                |
|                              |                                       | Swansonia Recta                  |                   | 30m                                |
|                              |                                       |                                  |                   | 35m                                |
|                              |                                       |                                  |                   | 40m                                |

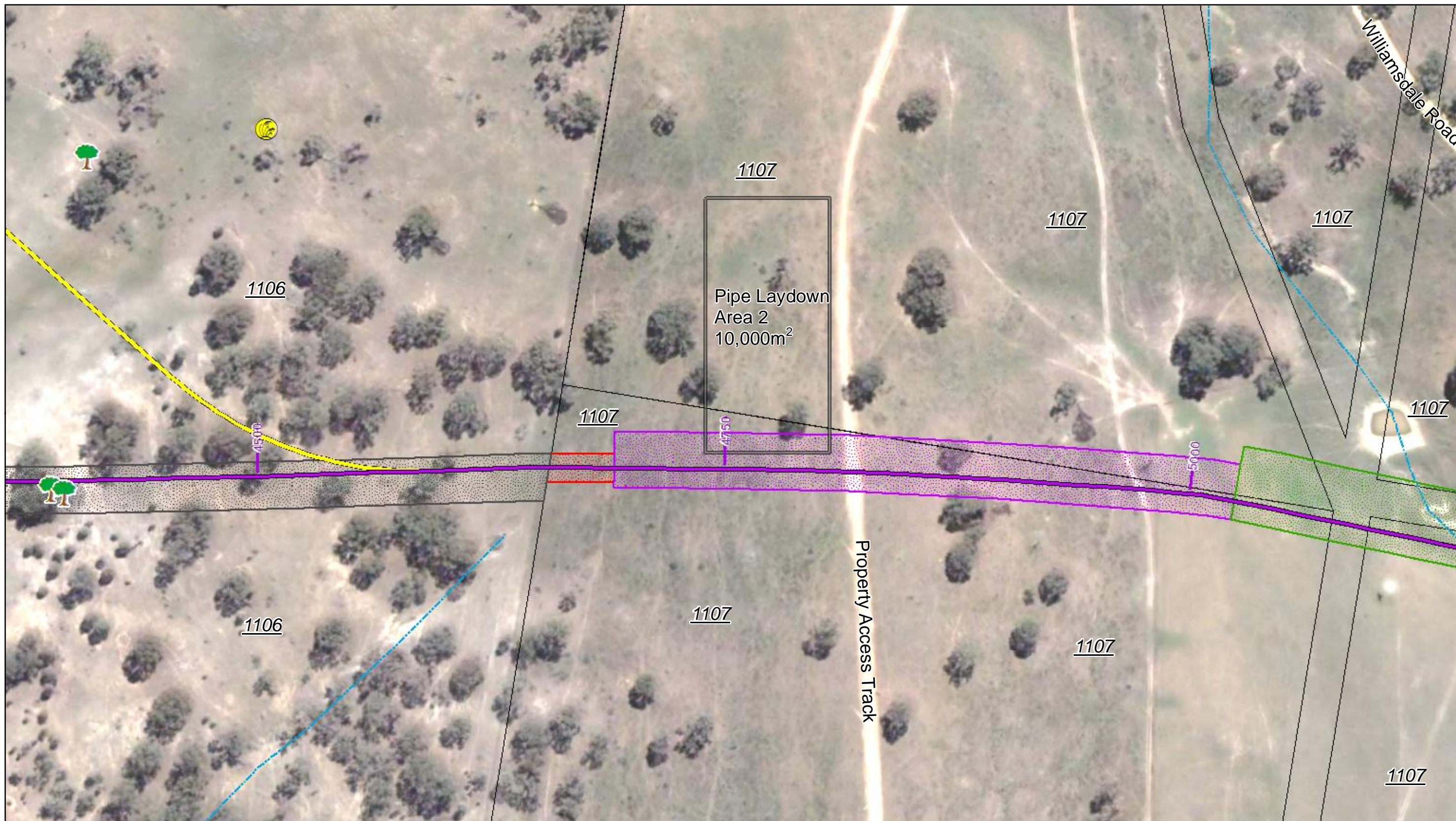


**BULK WATER ALLIANCE**

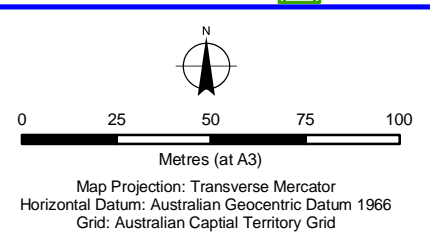
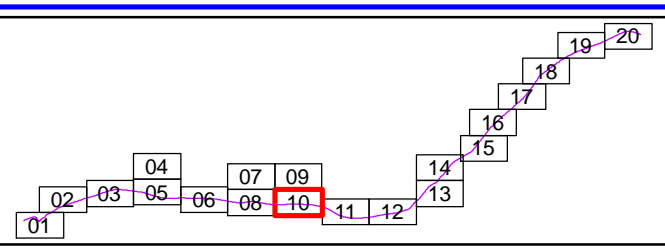


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 09 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- |                              |                                       |                           |                   |                             |
|------------------------------|---------------------------------------|---------------------------|-------------------|-----------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | Pre-clearance survey data | Swansonia Sericea | Construction Corridor Width |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree       | Wombat Burrow     | 15m                         |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop      |                   | 20m                         |
| Alternative Alignment        | Waterbody                             | PTWL                      |                   | 25m                         |
|                              |                                       | Swansonia Recta           |                   | 30m                         |
|                              |                                       |                           |                   | 35m                         |
|                              |                                       |                           |                   | 40m                         |

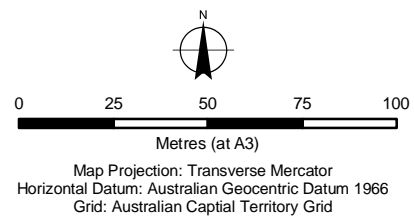
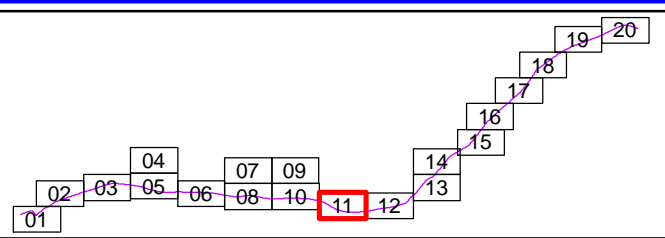
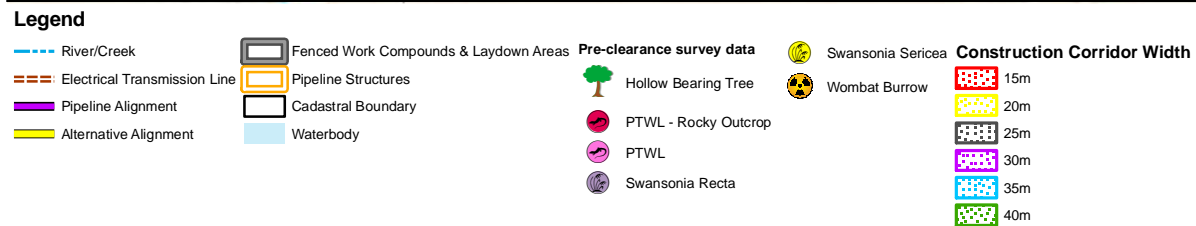


**BULK WATER ALLIANCE**



**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results -  
 Alternative Alignment  
 Map 10 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:

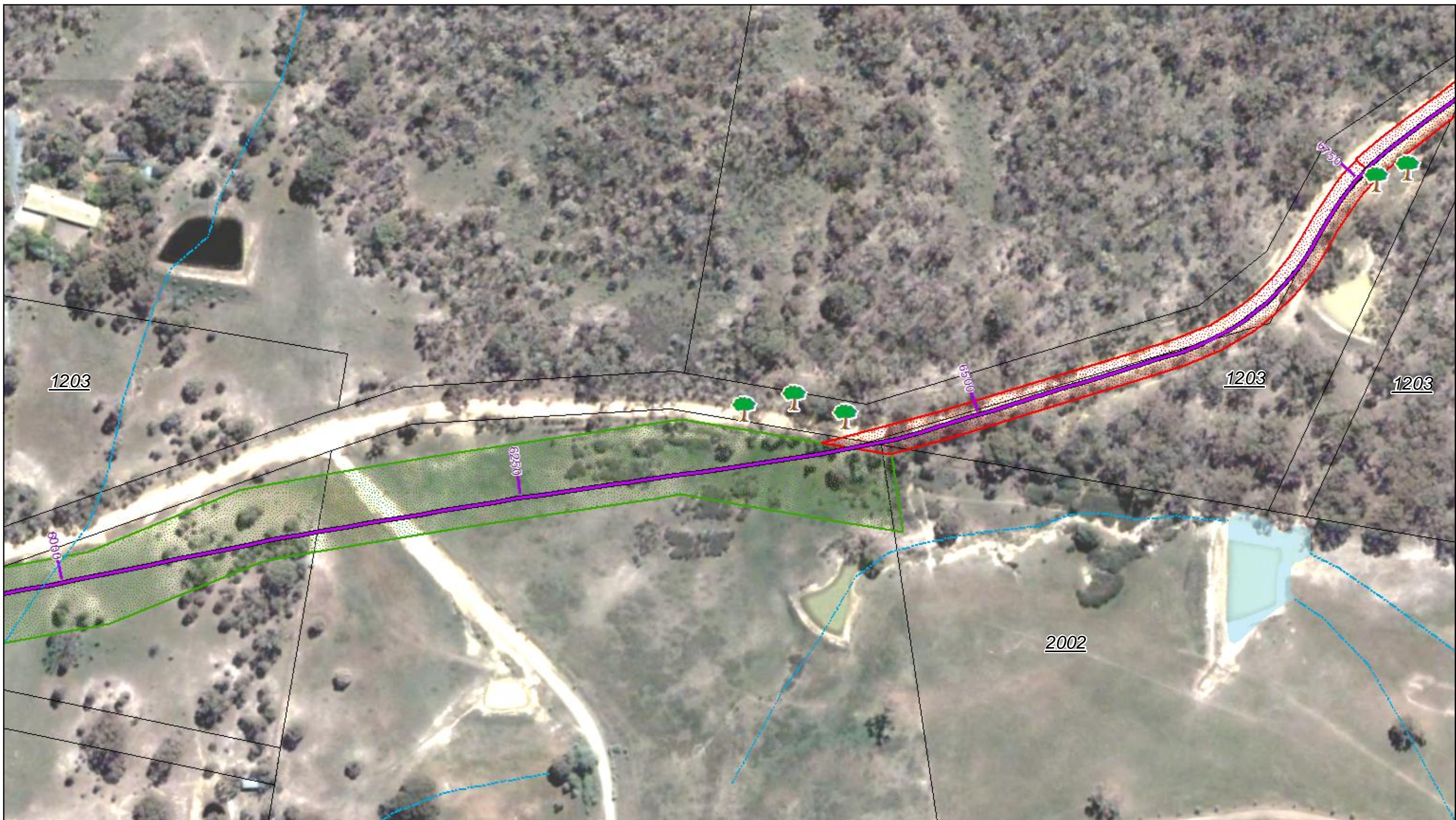


**BULK WATER ALLIANCE**

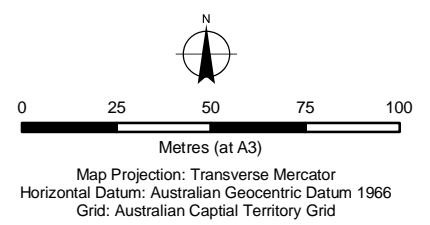
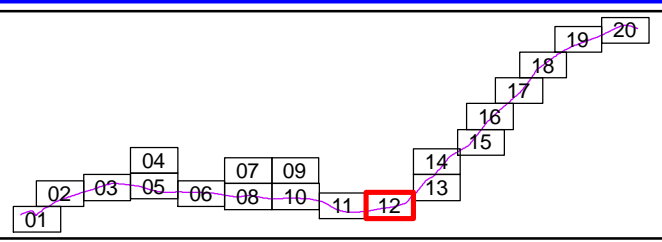


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results -  
 Alternative Alignment  
 Map 11 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- River/Creek
  - Electrical Transmission Line
  - Pipeline Alignment
  - Alternative Alignment
  - Fenced Work Compounds & Laydown Areas
  - Pipeline Structures
  - Cadastral Boundary
  - Waterbody
  - Pre-clearance survey data
  - Hollow Bearing Tree
  - PTWL - Rocky Outcrop
  - PTWL
  - Swansonia Recta
  - Swansonia Sericea
  - Wombat Burrow
  - Construction Corridor Width**
  - 15m
  - 20m
  - 25m
  - 30m
  - 35m
  - 40m



**BULK WATER ALLIANCE**

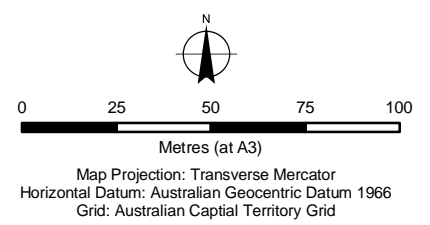
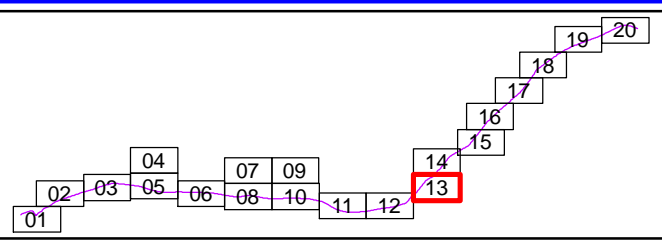


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 12 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- River/Creek
  - Electrical Transmission Line
  - Pipeline Alignment
  - Alternative Alignment
  - Fenced Work Compounds & Laydown Areas
  - Pipeline Structures
  - Cadastral Boundary
  - Waterbody
  - Pre-clearance survey data: Hollow Bearing Tree
  - PTWL - Rocky Outcrop
  - PTWL
  - Swansonia Recta
  - Swansonia Sericea
  - Wombat Burrow
  - Construction Corridor Width: 15m
  - Construction Corridor Width: 20m
  - Construction Corridor Width: 25m
  - Construction Corridor Width: 30m
  - Construction Corridor Width: 35m
  - Construction Corridor Width: 40m



**BULK WATER ALLIANCE**

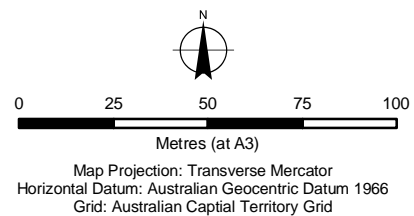
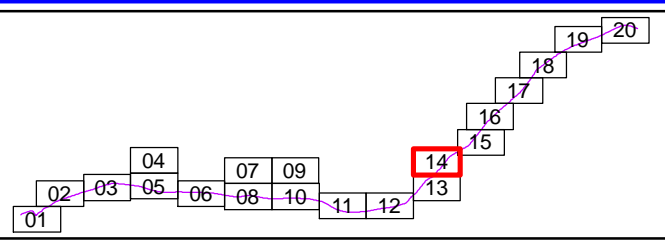


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 13 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- |                              |                                       |                                  |                   |                                    |
|------------------------------|---------------------------------------|----------------------------------|-------------------|------------------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | <b>Pre-clearance survey data</b> | Swansonia Sericea | <b>Construction Corridor Width</b> |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree              | Wombat Burrow     | 15m                                |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop             | Swansonia Recta   | 20m                                |
| Alternative Alignment        | Waterbody                             | PTWL                             |                   | 25m                                |
|                              |                                       |                                  |                   | 30m                                |
|                              |                                       |                                  |                   | 35m                                |
|                              |                                       |                                  |                   | 40m                                |

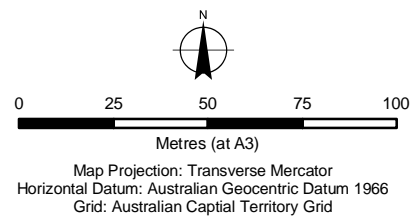
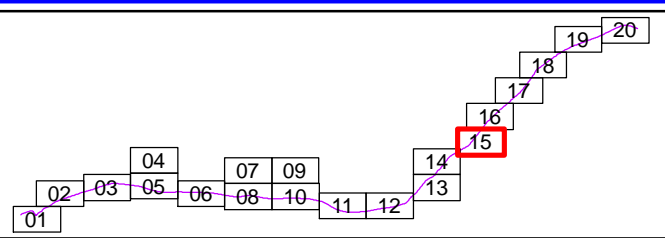
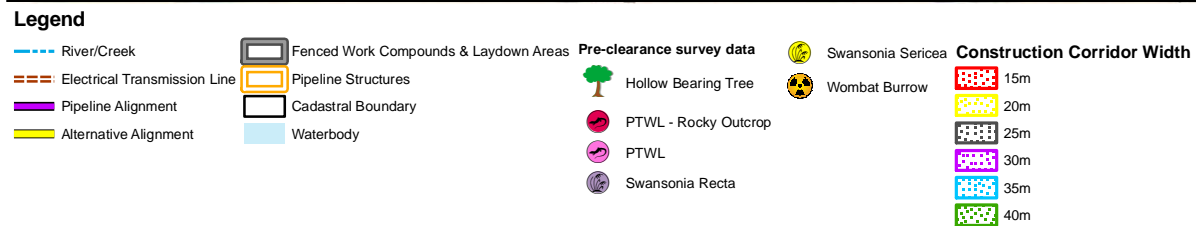
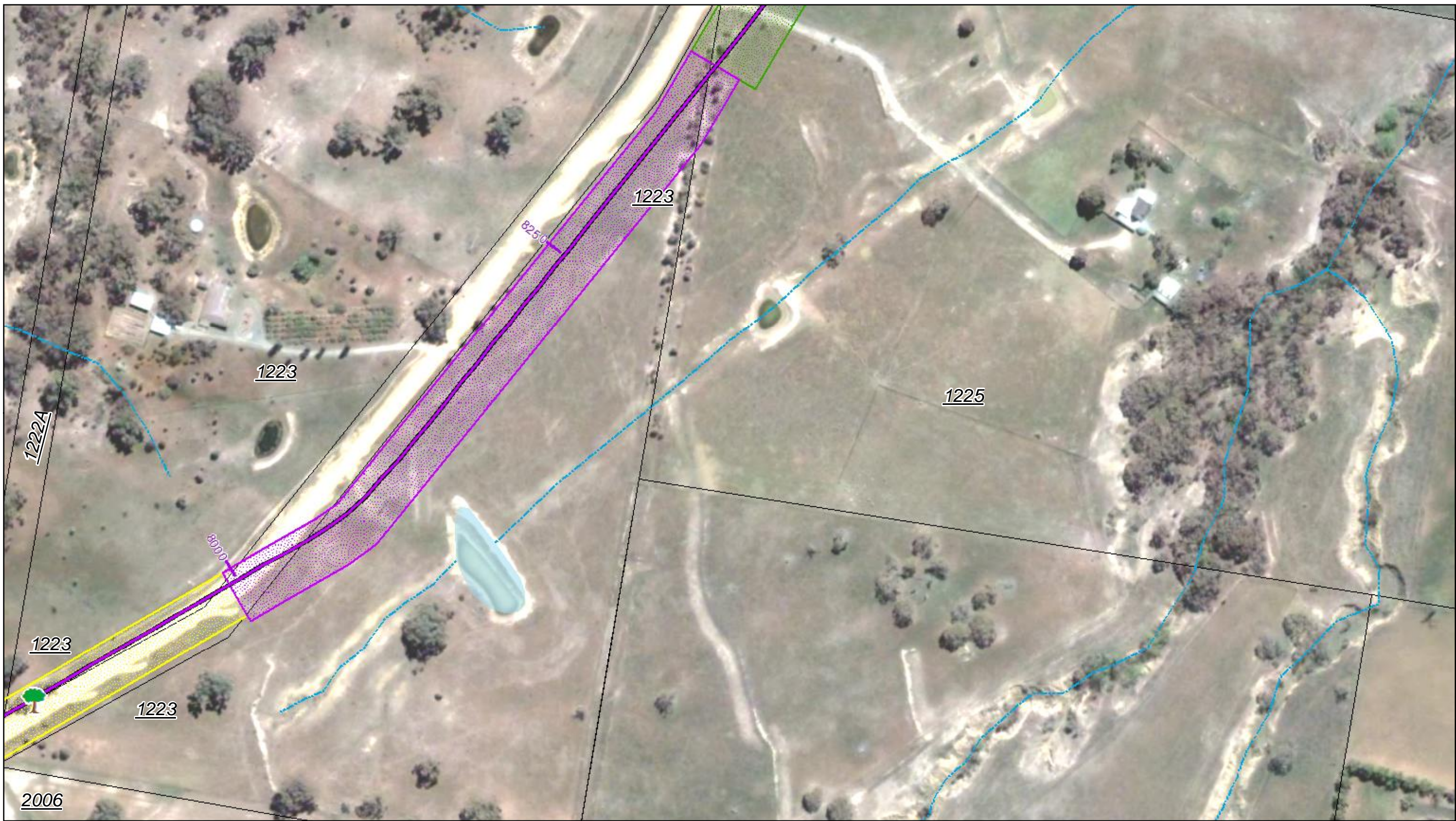


**BULK WATER ALLIANCE**



**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results -  
 Alternative Alignment  
 Map 14 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



**BULK WATER ALLIANCE**

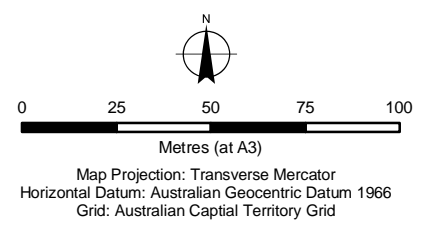
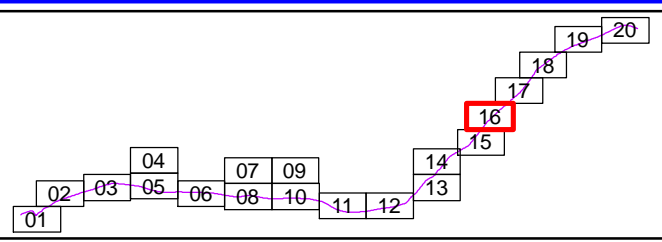


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 15 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- |                              |                                       |                                  |                   |                                    |
|------------------------------|---------------------------------------|----------------------------------|-------------------|------------------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | <b>Pre-clearance survey data</b> | Swansonia Sericea | <b>Construction Corridor Width</b> |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree              | Wombat Burrow     | 15m                                |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop             | Swansonia Recta   | 20m                                |
| Alternative Alignment        | Waterbody                             | PTWL                             |                   | 25m                                |
|                              |                                       |                                  |                   | 30m                                |
|                              |                                       |                                  |                   | 35m                                |
|                              |                                       |                                  |                   | 40m                                |



**BULK WATER ALLIANCE**



**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 16 of Map 20

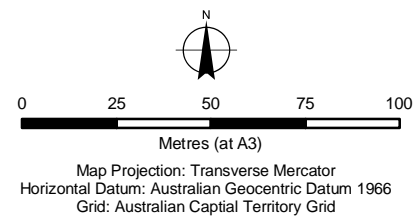
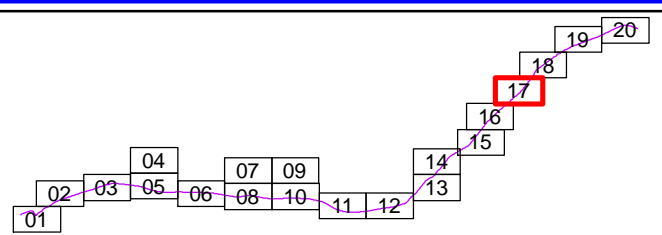
Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:





**Legend**

River/Creek	Fenced Work Compounds & Laydown Areas	Pre-clearance survey data	Swansonia Sericea	Construction Corridor Width
Electrical Transmission Line	Pipeline Structures	Hollow Bearing Tree	Wombat Burrow	15m
Pipeline Alignment	Cadastral Boundary	PTWL - Rocky Outcrop		20m
Alternative Alignment	Waterbody	PTWL		25m
		Swansonia Recta		30m
				35m
				40m



**BULK WATER ALLIANCE**

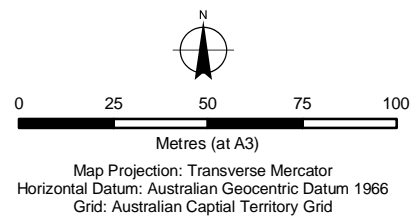
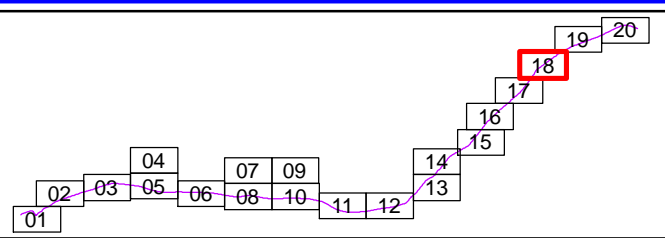


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 17 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- |                              |                                       |                                  |                   |                                    |
|------------------------------|---------------------------------------|----------------------------------|-------------------|------------------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | <b>Pre-clearance survey data</b> | Swansonia Sericea | <b>Construction Corridor Width</b> |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree              | Wombat Burrow     | 15m                                |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop             | PTWL              | 20m                                |
| Alternative Alignment        | Waterbody                             | Swansonia Recta                  |                   | 25m                                |
|                              |                                       |                                  |                   | 30m                                |
|                              |                                       |                                  |                   | 35m                                |
|                              |                                       |                                  |                   | 40m                                |



**BULK WATER ALLIANCE**

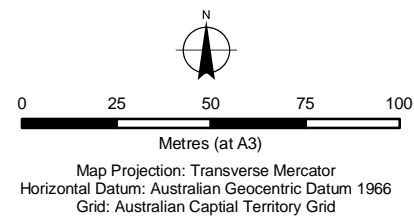
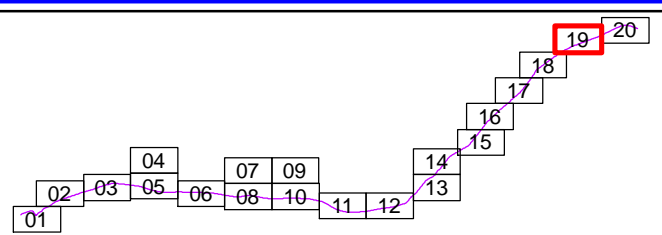


**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results -  
 Alternative Alignment  
 Map 18 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



- Legend**
- |                              |                                       |                                  |                   |                                    |
|------------------------------|---------------------------------------|----------------------------------|-------------------|------------------------------------|
| River/Creek                  | Fenced Work Compounds & Laydown Areas | <b>Pre-clearance survey data</b> | Swansonia Sericea | <b>Construction Corridor Width</b> |
| Electrical Transmission Line | Pipeline Structures                   | Hollow Bearing Tree              | Wombat Burrow     | 15m                                |
| Pipeline Alignment           | Cadastral Boundary                    | PTWL - Rocky Outcrop             | PTWL              | 20m                                |
| Alternative Alignment        | Waterbody                             | Swansonia Recta                  |                   | 25m                                |
|                              |                                       |                                  |                   | 30m                                |
|                              |                                       |                                  |                   | 35m                                |
|                              |                                       |                                  |                   | 40m                                |

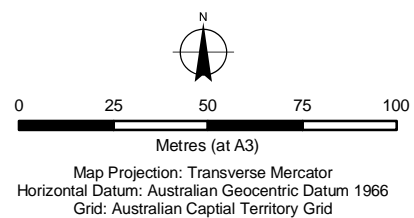
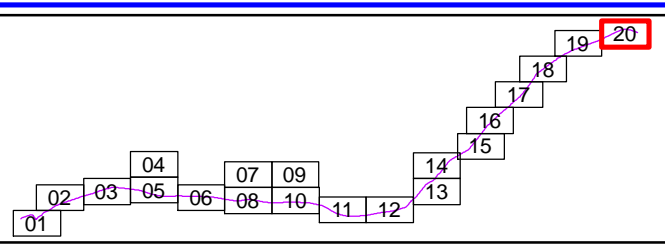
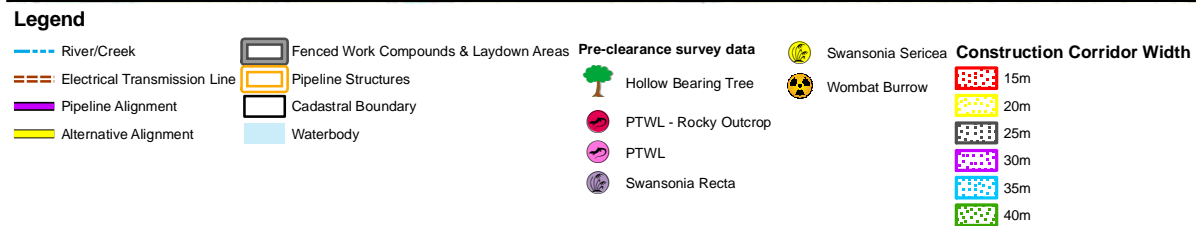
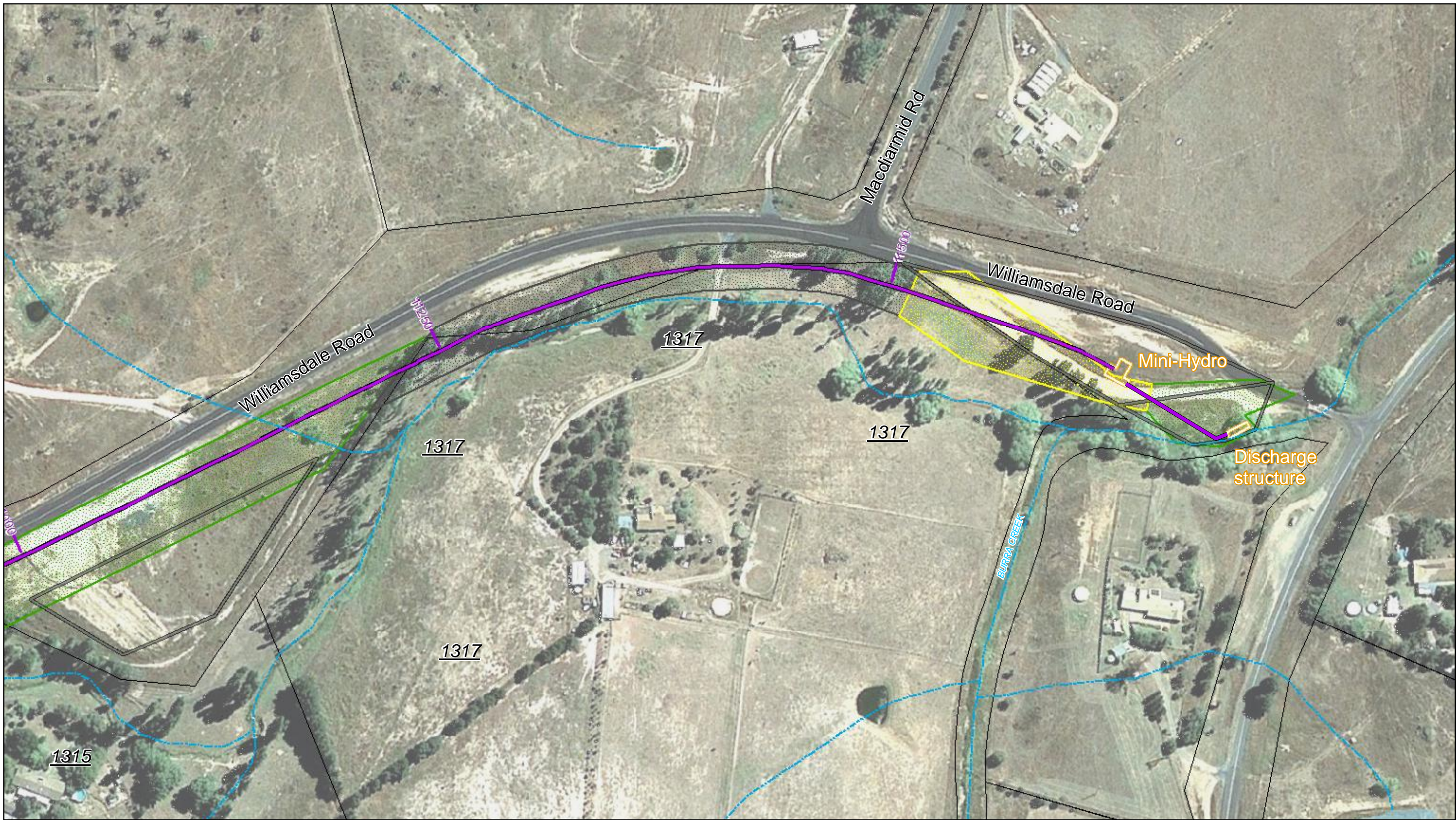


**BULK WATER ALLIANCE**



**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 19 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review:



**BULK WATER ALLIANCE**



**Murrumbidgee to Googong Water Transfer Project**  
 Pre-clearance Survey Results - Alternative Alignment  
 Map 20 of Map 20

Project Reference: GHD\_M2G\_GEN\_EN\_MAP\_189\_A\_3  
 Revision: A  
 Date: 17 Nov 2010  
 Peer review:  
 Technical review: