

### Species attributes

|                      |                            |
|----------------------|----------------------------|
| Scientific name:     | <i>Boronia boliviensis</i> |
| NSW status:          | Endangered                 |
| Commonwealth status: | N/A                        |
| Management stream:   | Site-managed               |



Photographer: Peter Clarke

### Overall project status\*



Populations at all sites are on target.



Populations at one or more sites were not monitored this year, but threat management is on target.  
Populations at remaining sites are on target.



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Populations at one or more sites are not on target.

\* For SoS priority management sites (may not include all locations where the species occurs in NSW)

### Project summary

|                            |   |
|----------------------------|---|
| Priority management sites: | Bolivia Hill  |
| Action implementation:     | 5 of 6 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented) |
| Total expenditure:         | \$13,477 (\$11,330 cash; \$2,147 in-kind)   |
| Project partners:          | Office of Environment and Heritage  |

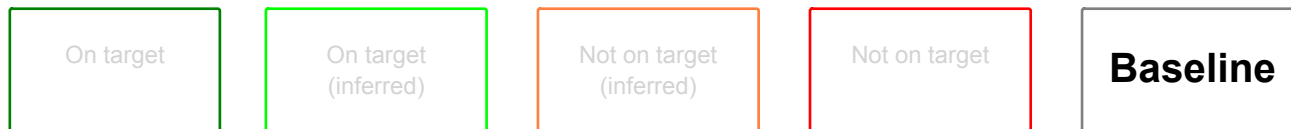
## Management site 1: Bolivia Hill

LGA: Tenterfield

Project partners: Office of Environment and Heritage

Estimated species population size: 5000

### Population status



| Index             | Monitoring result  | Confidence in monitoring | Conducted by                       |
|-------------------|--|--------------------------|------------------------------------|
| Species abundance | Rapid survey technique establishing useful baseline values for later long-term trend analysis. | Moderate                 | Office of Environment and Heritage |

### Investment

| Project participant                | Cash     | In-kind |
|------------------------------------|----------|---------|
| Office of Environment and Heritage | \$11,330 | \$2,147 |

### Management actions

*The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.*

| Threat  | Management action   | Implemented as planned? |
|---|---|-------------------------|
| Browsing by feral goats, and associated trampling, soil compaction and nutrient addition. | Control goats in Bolivia Hills Nature Reserve by aerial shooting and trapping.  | Yes                     |
| Too frequent fire that may kill adult plants and deplete the soil-stored seed.            | Keep species records and known/predicted fire regime requirements up to date and concur in all appropriate databases. Liaise with National Parks and Wildlife Services or relevant agency to incorporate species requirements into the Flora Fire Response Database and Reserve Fire Management Strategy. | Yes                     |

## Threat status

*This table includes critical threats that were monitored at this site, this financial year.*

| Threat  | Annual target   | Threat status | Confidence in monitoring |
|---|---|---------------|--------------------------|
| Spraying or slashing during powerline easement maintenance.                               | Inspect a majority of known sites once per year and qualitatively assess disturbances that threaten population viability. Target: zero influence by powerline maintenance.        | On target     | Moderate                 |
| Browsing by feral goats, and associated trampling, soil compaction and nutrient addition. | Assess pellet density, grazing impact and photographic census at 5 sites each year. Target: goat presence detected once per 20 hours in the field and no grazing impact observed. | On target     | Moderate                 |

## Site summary

The species remains stable at known measured sites. Further surveys have quadrupled the previously documented population size.