

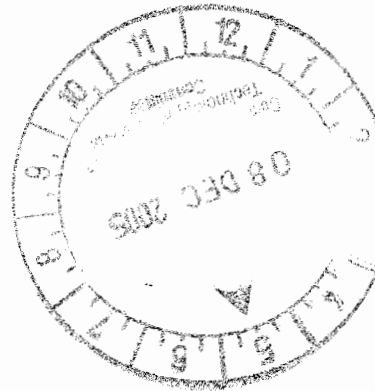
# ***D PROSSER & SON pty ltd***

***t/a D H PROSSER & SON***

***ABN 59 764 045 458***

PMB 183  
NARACOORTE SA 5271

Phone/Fax: (08) 87573067  
Mobile: 0407540923



5 December 2005

Parliament House  
Canberra ACT 2600

Dear Dr Jacqueline Dewar

Please find enclosed two proofread transcripts of evidence given to the committee at the Public Hearing in Adelaide on 16 November 2005.

Included is a list of vegetation direct seeded into tree lines as requested. In reference to Chair Senator Bartlett's invitation "to provide something extra to the secretariat" the following reports are also included:

- The report on Soils and Groundwater, Marcollat Region, Upper South East South Australia
- The Management of Water and Salinity in South-East South Australia from David S. Mitchell – Charles Sturt University

Thankyou for the opportunity to express our concerns.

Yours sincerely

Susan Prosser

# S.E. DIRECT SEEDING SERVICE

REVEGETATION CONTRACTORS  
to the SOUTH-EAST of S.A.

## SEED AVAILABLE FOR DIRECT SEEDING

Deant Sue Prossers seeding.  
species used are marked -  
Mixes varied dependent on  
high or low  
country.

Jamie & Josie Jackson  
RSD 618  
Keith SA 5267  
P/F/A 08.87578276  
P 08.87578284  
Mob. 0407.799504

Acacia	<ul style="list-style-type: none"> <li>brachybotrya</li> <li>cupulari</li> <li>leophylla</li> <li>mearnsii</li> <li>melanoxylon</li> <li>myrtifolia</li> <li>pycnantha</li> </ul>	Xanthorrhoea	australis
Bursaria	<ul style="list-style-type: none"> <li>- spinosa</li> </ul>	Olearia	axillaris
Baeckea	<ul style="list-style-type: none"> <li>behrii</li> </ul>	Eucalyptus	<ul style="list-style-type: none"> <li>- baxteri</li> <li>- behriana</li> <li>- camaldulensis</li> <li>- diversifolia</li> <li>- fasciculosa</li> <li>- incrassata</li> <li>- leptophylla</li> <li>- leucoxylon</li> <li>- leucoxylon megalacarpa</li> <li>- leucoxylon petiolaris</li> <li>- leucoxylon pruinosa</li> <li>- microcarpa</li> <li>- odorata</li> <li>- ovata</li> <li>- porosa</li> <li>- viminalis cygnetensis</li> </ul>
Banksia	<ul style="list-style-type: none"> <li>- marginata</li> <li>ornata</li> </ul>		
Allocasuarina	<ul style="list-style-type: none"> <li>glauca</li> <li>lehmanii</li> <li>- muelleriana</li> <li>obesa</li> <li>paludosa</li> <li>pusilla</li> <li>- verticillata</li> </ul>		
Callistemon	<ul style="list-style-type: none"> <li>- rugulosa</li> </ul>		
Dondonaea	<ul style="list-style-type: none"> <li>- viscosa</li> </ul>		
Hakea	<ul style="list-style-type: none"> <li>muelleriana</li> <li>nodosa</li> <li>rostrata</li> </ul>		
Leptospermum	<ul style="list-style-type: none"> <li>- continentale</li> <li>coriaceum</li> <li>lanigerum</li> <li>- myrsinoides</li> </ul>		
Melaleuca	<ul style="list-style-type: none"> <li>- braevifolia</li> <li>- decussata</li> <li>- halmatrorum</li> <li>- lanceolata</li> <li>- uncinata</li> <li>- wilsonii</li> </ul>		

Zita Stokes  
Senior Revegetation Consultant  
Struan Office  
PO Box 618 Naracoorte SA 5271  
Ph 8762 9180

Susan and Dean Prosser  
Kyeema  
PMB 183 Naracoorte SA 5271

2 September 2003

Dear Sue and Dean,

**Re: Monitoring of "Sait to Success" funded revegetation sites**

Thank you for allowing Donna Bartsch and Brett Bartel from Rural Solutions SA to monitor your direct seeded revegetation sites in early March. Apologies that it has taken me so long to notify you of the results but we have been compiling other information throughout the year as well for a final report.

Donna and Brett sampled 390 plots throughout your windbreaks in total. Out of these, 82% were deemed successful for windbreak purposes (ie they have a good mix of trees and shrubs present to filter wind) and 89% have the potential to successfully help control recharge throughout the plot area (ie they have good plant coverage, regardless of the type of plant, to use water).

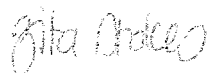
As you can visually see when out looking at the sites, this means that overall most of your sites have succeeded well, with a few areas (mainly on the flats) that may need re-seeding or tubestock planting to be fully effective.

The project team monitored 62 grant-funded project sites across the Upper South East and the results are shown in graphs, which I have attached so you can compare your efforts with others in the region. Your sites (averaged – better on the hills, poorer on some of the flats) fall into the top "excellent" bracket for windbreaks and recharge control.

Donna and Brett found approximately 20 native species surviving at your sites (see attached list), which also falls into the higher diversity range found at monitored sites - only 12% of all the regional windbreaks sampled had more species surviving at the time of sampling.

Whilst there may be some follow up work for you to do to make all of your windbreak sites fully successful, the majority will provide very good shelter and add to the habitat network across your property in the future – congratulations on doing such wonderful work! Again, thank you for the time you have spent with project staff to date to assist with the excellent efforts you are making to enhance your property. If we can be of further assistance please don't hesitate to contact Ainsley Forrest at Keith (8755 3166) or myself at Struan (8762 9180).

Yours sincerely,



**Zita Stokes**

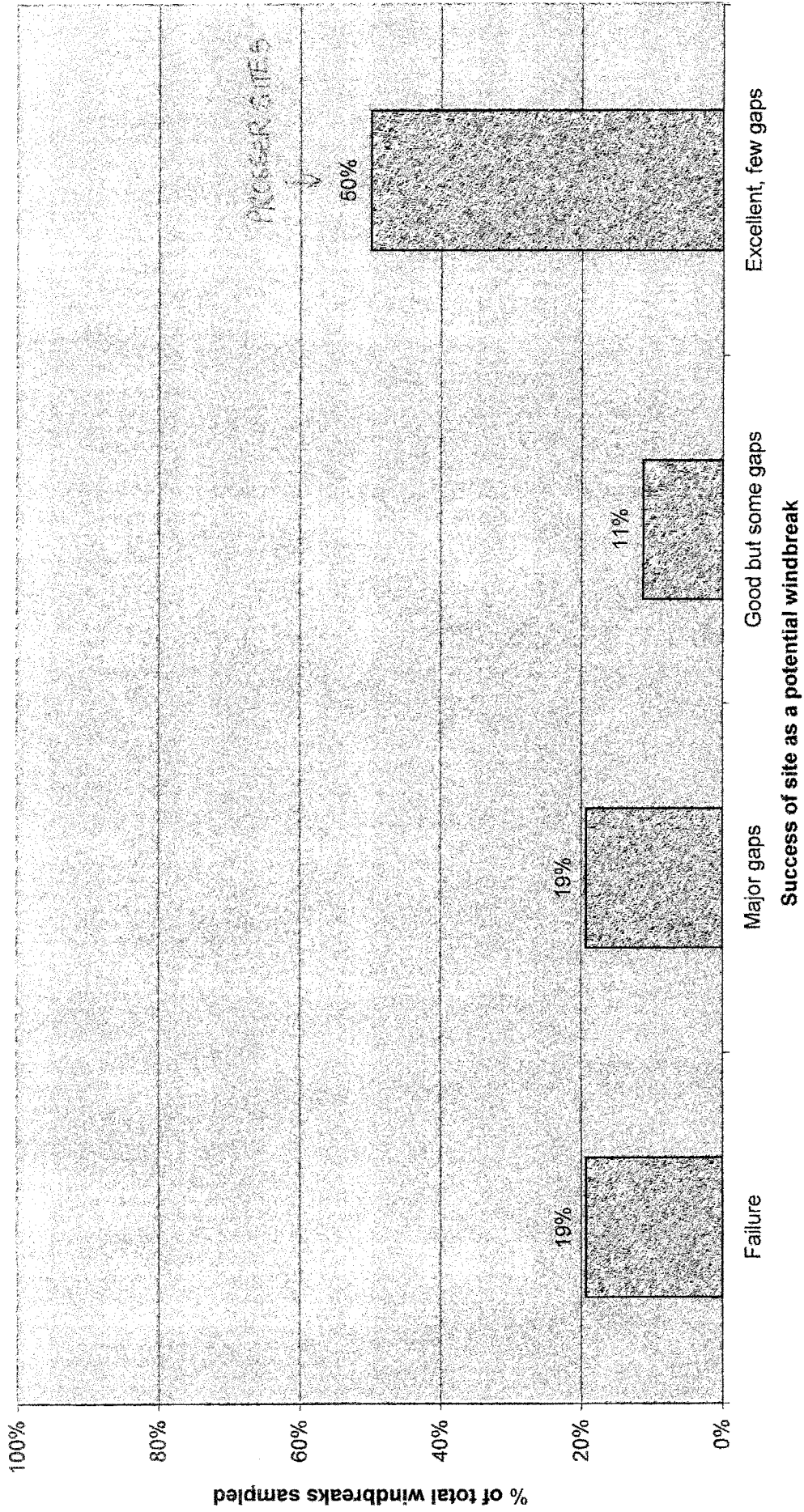
SOUTH EAST HEADQUARTERS Penola Road, Struan Via Naracoorte, SA 5271  
Postal Address PO Box 618, Naracoorte, SA 5271  
T 08 8762 9100 F 08 8764 7477 [www.solutions.pir.sa.gov.au](http://www.solutions.pir.sa.gov.au) ABN 53 763 159 658

**Revegetated species found at the time of monitoring**  
**D. Bartsch and B. Bartel**  
**12-13 March 2003**  
**Salt to Success application 138/2001/02N (Prosser, Kyeema)**

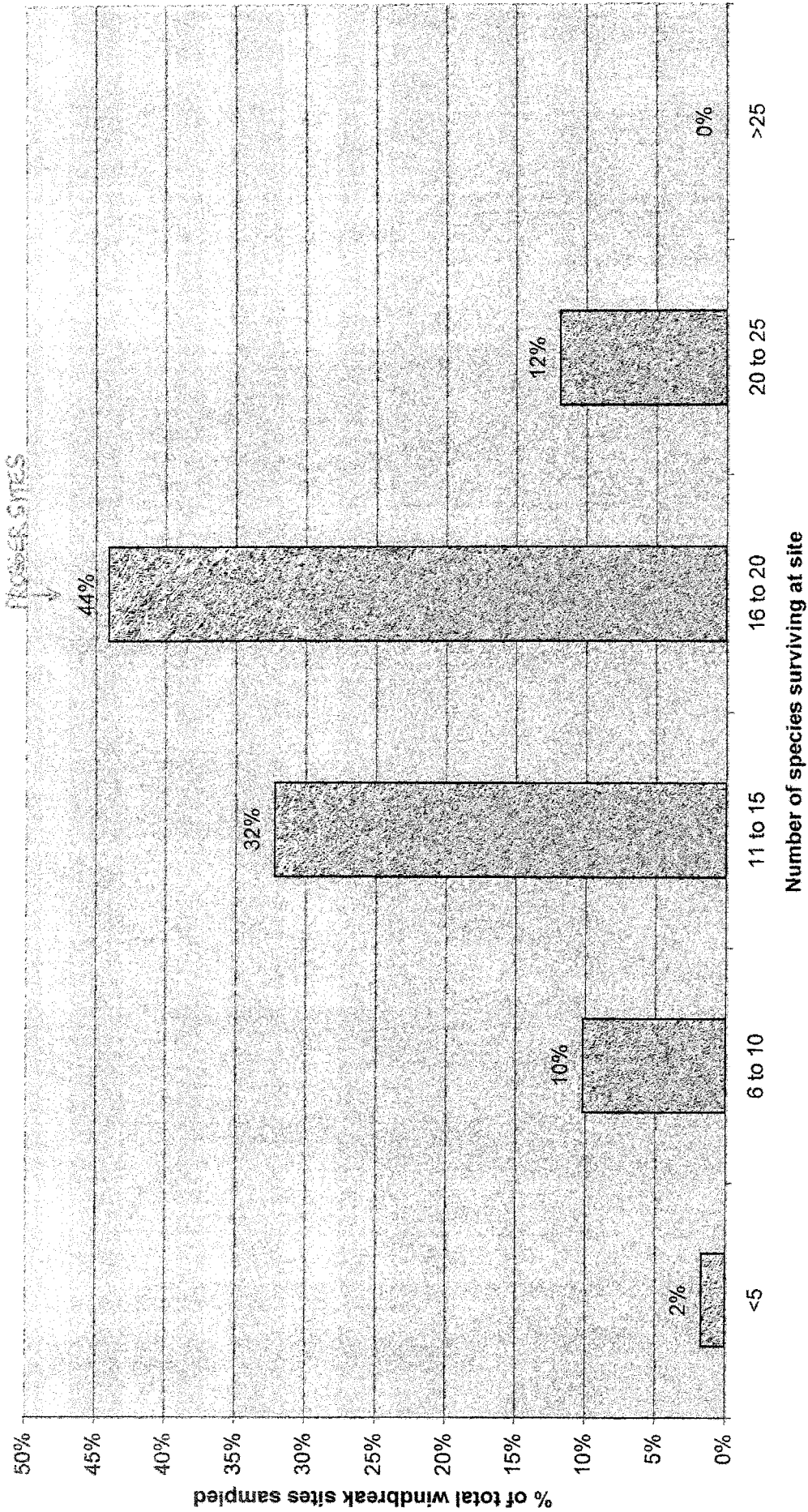
Acacia brachybotrya	grey mulga
Acacia cupularis	coastal umbrella bush
Acacia leiophylla	limestone wattle
Acacia mearnsii	black wattle
Acacia pycnantha	golden wattle
Allocasuarina verticillata	drooping sheoak
Callistemon rugulosus	scarlet bottlebrush
Dodonaea viscosa	sticky hopbush
Eucalyptus camaldulensis	red gum
Eucalyptus fasciculosa	hill gum
Eucalyptus incrassata	ridge fruited mallee
Eucalyptus leucoxylon	SA blue gum (not able to identify to form)
Eucalyptus leucoxylon pruinosa	SA blue gum (inland form)
Eucalyptus viminalis cygnetensis	rough barked manna gum
Melaleuca decussata	totem poles
Melaleuca halmaturorum	saltwater paperbark (tea tree)
Melaleuca lanceolata	dryland tea tree
Melaleuca uncinata	broombush
Species difficult to identify:	
Eucalyptus sp.	Thin-leaved mallee species
Eucalyptus sp. Aff ovata	Eucalypt similar to swamp gum

**Salt to Success monitoring: success of revegetation sites for use as potential windbreaks**

**Note: 62 sites sampled of 387 funded**



**Number of planted species surviving in monitored windbreaks  
(62 windbreaks sampled out of 387 funded)**



**Salt to Success monitoring: potential of revegetation sites to control recharge (as linked to revegetation cover)**

**Note: 62 windbreak sites sampled out of 387 funded**

