



016701

CALM LIBRARY ARCHIVE

NOT FOR LOAN

**A REVIEW OF BOTANICAL VALUES
ON A RANGE OF GYPSUM DUNES IN
THE WHEATBELT OF WESTERN AUSTRALIA**

FINAL REPORT

for

**AUSTRALIAN NATURE CONSERVATION AGENCY
SAVE THE BUSH PROGRAM 1993/94 PROJECT SS6007**

P A R T - B

Prepared by: Mattiske Consulting Pty Ltd

Prepared for: Department of Conservation and Land Management

CLM002/146/95

July 1995

APPENDIX A : VASCULAR PLANT SPECIES LIST - GYPSUM PROJECT

THE LIBRARY
DEPARTMENT OF CONSERVATION
& LAND MANAGEMENT
WESTERN AUSTRALIA

FAMILY	GENERA	SPECIES
CUPRESSACEAE	<i>Actinostrobus</i> <i>Callitris</i> <i>Callitris</i>	<i>pyramidalis</i> <i>glaucophylla</i> <i>preissii ssp. verrucosa</i>
JUNCAGINACEAE	<i>Triglochin</i> <i>Triglochin</i>	<i>centrocarpa</i> <i>mucronata</i>
POACEAE	* <i>Aira</i> <i>Amphipogon</i> <i>Amphipogon</i> <i>Aristida</i> * <i>Avena</i> <i>Bromus</i> <i>Danthonia</i> <i>Danthonia</i> <i>Danthonia</i> * <i>Ehrharta</i> <i>Eragrostis</i> <i>Eragrostis</i> * <i>Hainardia</i> * <i>Hordeum</i> * <i>Lolium</i> <i>Neurachne</i> * <i>Phalaris</i> <i>Poaceae</i> <i>Puccinellia</i> <i>Stipa</i> <i>Stipa</i> <i>Stipa</i> <i>Stipa</i> <i>Stipa</i> <i>Stipa</i> <i>Stipa</i> <i>Stipa</i> <i>Stipa</i> <i>Stipa</i> <i>Triodia</i> * <i>Trisetaria</i> * <i>Vulpia</i>	<i>cupaniana</i> <i>amphipogonoides</i> <i>strictus</i> <i>contorta</i> sp. <i>arenarius</i> <i>acerosa</i> <i>caespitosa</i> sp. <i>?brevifolia</i> <i>dielsii</i> <i>falcata</i> <i>cylindrica</i> sp. <i>perenne</i> <i>alopecuroidea</i> <i>canariensis</i> sp. <i>stricta</i> <i>drummondii</i> <i>elegantissima</i> <i>hemipogon</i> <i>juncifolia</i> <i>nitida</i> <i>pycnostachya</i> <i>scabra</i> <i>trichophylla</i> <i>trichophylla ssp. scabra</i> sp. <i>irritans</i> <i>cristata</i> <i>bromoides</i>
CYPERACEAE	<i>Gahnia</i> <i>Lepidosperma</i> <i>Lepidosperma</i> <i>Lepidosperma</i> <i>Lepidosperma</i> <i>Lepidosperma</i> <i>Lepidosperma</i> <i>Schoenus</i>	<i>trifida</i> <i>?costale</i> <i>gracile</i> <i>resinosum</i> <i>tenu</i> <i>?tuberculatum</i> <i>viscidum</i> <i>sculptus</i>

APPENDIX A : VASCULAR PLANT SPECIES LIST - GYPSUM PROJECT

FAMILY	GENERA	SPECIES
RESTIONACEAE	<i>Lepidobolus</i> <i>Lepidobolus</i> <i>Lepidobolus</i> <i>Loxocarya</i>	? <i>chaetocephalus</i> <i>deserti</i> <i>preissianus</i> <i>myrioclada</i>
CENTROLEPIDACEAE	<i>Centrolepis</i> <i>Centrolepis</i> <i>Centrolepis</i> <i>Centrolepis</i> <i>Centrolepis</i> <i>Centrolepis</i>	<i>cephaloformis</i> <i>cephaloformis</i> ssp. <i>cephaloformis</i> <i>polygyna</i> <i>strigosa</i> ssp. <i>rupestris</i> sp. 1 sp. 2
JUNCACEAE	<i>Juncus</i>	<i>bufonius</i>
DASYPOGONACEAE	<i>Lomandra</i> <i>Lomandra</i> <i>Lomandra</i>	<i>collina</i> <i>effusa</i> <i>rupestris</i>
PHORMIACEAE	<i>Dianella</i> <i>Dianella</i> <i>Dianella</i> <i>Stypandra</i>	<i>revoluta</i> <i>revoluta</i> var. <i>brevicaulis</i> <i>revoluta</i> var. <i>divaricata</i> <i>glauca</i>
ANTHERICACEAE	<i>Borya</i> <i>Chamaescilla</i> <i>Corynotheca</i> <i>Laxmannia</i> <i>Thysanotus</i> <i>Thysanotus</i>	<i>sphaerocephala</i> <i>corymbosa</i> <i>micrantha</i> <i>squarrosa</i> <i>manglesianus</i> ? <i>tenellus</i>
IRIDACEAE	<i>Patersonia</i> * <i>Romulea</i>	<i>occidentalis</i> <i>rosea</i>
ORCHIDACEAE	<i>Caladenia</i> <i>Thelymitra</i>	<i>melanema</i> m.s. ? <i>macrophylla</i>
CASUARINACEAE	<i>Allocasuarina</i> <i>Casuarina</i>	<i>huegeliana</i> <i>obesa</i>
PROTEACEAE	<i>Grevillea</i> <i>Grevillea</i> <i>Grevillea</i> <i>Grevillea</i> <i>Grevillea</i> <i>Grevillea</i> <i>Hakea</i> <i>Hakea</i> <i>Hakea</i> <i>Persoonia</i>	<i>acuaria</i> <i>anethifolia</i> ? <i>cagiana</i> <i>hookeriana</i> <i>huegelii</i> <i>sarissa</i> <i>coriacea</i> <i>preissii</i> sp. <i>coriacea</i>

APPENDIX A : VASCULAR PLANT SPECIES LIST - GYPSUM PROJECT

FAMILY	GENERA	SPECIES
SANTALACEAE	<i>Exocarpos</i>	<i>aphyllus</i>
	<i>Exocarpos</i>	<i>sparteus</i>
	<i>Santalum</i>	<i>acuminatum</i>
	<i>Santalum</i>	<i>spicatum</i>
LORANTHACEAE	<i>Amyema</i>	<i>miquelii</i>
	<i>Lysiana</i>	? <i>casuarinae</i>
POLYGONACEAE	<i>Muehlenbeckia</i>	<i>adpressa</i>
CHENOPODIACEAE	<i>Atriplex</i>	<i>hymenotheca</i>
	<i>Atriplex</i>	<i>nana</i>
	<i>Atriplex</i>	<i>nummularia</i>
	<i>Atriplex</i>	<i>nummularia</i> var. <i>spathulata</i>
	<i>Atriplex</i>	<i>paludosa</i>
	<i>Atriplex</i>	<i>paludosa</i> var. <i>baudinii</i>
	<i>Atriplex</i>	<i>paludosa</i> var. <i>caudata</i>
	<i>Atriplex</i>	<i>spongiosa</i>
	<i>Atriplex</i>	<i>stipitata</i>
	<i>Atriplex</i>	<i>vesicaria</i>
	<i>Atriplex</i>	sp.
	<i>Didymanthus</i>	<i>roei</i>
	<i>Enchylaena</i>	<i>tomentosa</i>
	<i>Halosarcia</i>	<i>doleiformis</i>
	<i>Halosarcia</i>	<i>halocnemoides</i>
	<i>Halosarcia</i>	<i>halocnemoides</i> ssp. <i>catenulata</i>
	<i>Halosarcia</i>	<i>halocnemoides</i> ssp. <i>caudata</i>
	<i>Halosarcia</i>	<i>halocnemoides</i> ssp. <i>halocnemoides</i>
	<i>Halosarcia</i>	<i>halocnemoides</i> ssp. <i>nov</i>
	<i>Halosarcia</i>	<i>indica</i> ssp. <i>bidens</i>
	<i>Halosarcia</i>	<i>lepidosperma</i>
	<i>Halosarcia</i>	<i>leptoclada</i> ssp. <i>inclusa</i>
	<i>Halosarcia</i>	<i>lylei</i>
	<i>Halosarcia</i>	<i>peltata</i>
	<i>Halosarcia</i>	<i>pergranulata</i>
	<i>Halosarcia</i>	<i>pruinosa</i>
	<i>Halosarcia</i>	<i>pterygosperma</i> ssp. <i>pterygosperma</i>
	<i>Halosarcia</i>	<i>syncarpa</i>
	<i>Halosarcia</i>	aff. <i>syncarpa</i>
	<i>Halosarcia</i>	<i>undulata</i>
	<i>Halosarcia</i>	sp. nov. aff. <i>undulata</i>
	<i>Maireana</i>	<i>amoena</i>
	<i>Maireana</i>	<i>brevifolia</i>
	<i>Maireana</i>	<i>carcosa</i>
	<i>Maireana</i>	<i>eriodclada</i>
	<i>Maireana</i>	? <i>eriosphaera</i>
	<i>Maireana</i>	<i>georgei</i>
	<i>Maireana</i>	<i>marginata</i>
	<i>Maireana</i>	<i>oppositifolia</i>
	<i>Maireana</i>	<i>suaedifolia</i>
	<i>Maireana</i>	<i>thesioides</i>
	<i>Maireana</i>	<i>trichoptera</i>

APPENDIX A : VASCULAR PLANT SPECIES LIST - GYPSUM PROJECT

FAMILY	GENERA	SPECIES
CHENOPODIACEAE	<i>Maireana</i>	<i>triptera</i>
	<i>Maireana</i>	sp.
	<i>Osteocarpum</i>	<i>salsuginosum</i>
	<i>Rhagodia</i>	<i>crassifolia</i>
	<i>Rhagodia</i>	<i>drummondii</i>
	<i>Rhagodia</i>	<i>preissii</i> ssp. <i>preissii</i>
	<i>Roycea</i>	<i>divaricata</i>
	<i>Roycea</i>	<i>pyncnophylloides</i>
	<i>Roycea</i>	<i>spinescens</i>
	<i>Salsola</i>	<i>kali</i>
	<i>Sarcocornia</i>	<i>blackiana</i>
	<i>Sarcocornia</i>	<i>globosa</i>
	<i>Sarcocornia</i>	<i>quinqueflora</i>
	<i>Sclerolaena</i>	<i>diacantha</i>
	<i>Sclerolaena</i>	<i>eurotioides</i>
	<i>Sclerolaena</i>	<i>fusiformis</i>
	<i>Sclerolaena</i>	<i>obliquicuspis</i>
	<i>Sclerolaena</i>	<i>parviflora</i>
	<i>Sclerostegia</i>	<i>arbuscula</i>
	<i>Sclerostegia</i>	aff. <i>arbuscula</i>
	<i>Sclerostegia</i>	<i>disarticulata</i>
	<i>Sclerostegia</i>	<i>moniliformis</i>
	<i>Threlkeldia</i>	<i>diffusa</i>
	?Chenopodiaceae	sp.
AMARANTHACEAE	<i>Hemichroa</i>	<i>diandra</i>
	<i>Ptilotus</i>	<i>caespitosus</i>
	<i>Ptilotus</i>	<i>eriotrichus</i>
	<i>Ptilotus</i>	<i>exaltatus</i>
	<i>Ptilotus</i>	<i>obovatus</i>
	<i>Ptilotus</i>	<i>obovatus</i> var. <i>obovatus</i>
	<i>Ptilotus</i>	<i>polystachyus</i> ?var. <i>polystachyus</i>
	<i>Ptilotus</i>	<i>spathulatus</i>
	<i>Ptilotus</i>	sp.
AIZOACEAE	* <i>Carpobrotus</i>	<i>aequilaterus</i>
	* <i>Carpobrotus</i>	? <i>modestus</i>
	<i>Disphyma</i>	<i>crassifolium</i>
	<i>Gunniopsis</i>	<i>intermedia</i>
	<i>Gunniopsis</i>	<i>propinqua</i>
	<i>Gunniopsis</i>	<i>quadrifida</i>
	<i>Gunniopsis</i>	? <i>rubra</i>
	<i>Mesembryanthemum</i>	<i>nodiflorum</i>
PORTULACACEAE	<i>Calandrinia</i>	? <i>polyandra</i>
	<i>Calandrinia</i>	<i>primuliflora</i>
	<i>Calandrinia</i>	sp. 1
	<i>Calandrinia</i>	sp. 2
CARYOPHYLLACEAE	* <i>Petrorhagia</i>	<i>velutina</i>
	* ? <i>Sagina</i>	<i>apetala</i>
	* <i>Spergularia</i>	? <i>diandra</i>
	* <i>Spergularia</i>	<i>rubra</i>

[illegible]

APPENDIX A : VASCULAR PLANT SPECIES LIST - GYPSUM PROJECT

FAMILY	GENERA	SPECIES
CAESALPINIACEAE	<i>Senna</i> <i>Senna</i> <i>Senna</i>	? <i>cardiosperma</i> <i>artemisioides</i> ssp. <i>artemisioides</i> sp.
PAPILIONACEAE	<i>Bossiaea</i> <i>Bossiaea</i> ? <i>Bossiaea</i> <i>Daviesia</i> <i>Daviesia</i> <i>Daviesia</i> <i>Gompholobium</i> <i>Jacksonia</i> <i>Jacksonia</i> * <i>Medicago</i> * <i>Medicago</i> <i>Mirbelia</i> <i>Templetonia</i> * <i>Trifolium</i> * <i>Trifolium</i> * <i>Trifolium</i> * <i>Trifolium</i>	<i>peduncularis</i> <i>spinescens</i> <i>walkeri</i> <i>benthamii</i> ? <i>elongata</i> ? <i>nematophylla</i> <i>viscidulum</i> <i>arida</i> (ms) ? <i>ramulosa</i> (ms) <i>minima</i> <i>polymorpha</i> <i>microphylla</i> <i>sulcata</i> <i>arvense</i> <i>hirtum</i> <i>tomentosum</i> sp.
GERANIACEAE	<i>Erodium</i> <i>Erodium</i>	<i>cygnorum</i> sp.
OXALIDACEAE	* <i>Oxalis</i>	sp.
ZYGOPHYLLACEAE	<i>Zygophyllum</i> <i>Zygophyllum</i>	aff. <i>aurantiacum</i> <i>compressum</i>
RUTACEAE	<i>Microcybe</i> <i>Phebalium</i> <i>Phebalium</i> <i>Phebalium</i> <i>Phebalium</i>	<i>multiflora</i> var. <i>baccharoides</i> <i>lepidotum</i> <i>rude</i> ssp. <i>rude</i> <i>tuberculosum</i> <i>tuberculosum</i> var. <i>megaphyllum</i>
POLYGALACEAE	<i>Comesperma</i>	<i>volubile</i>
EUPHORBIACEAE	<i>Beyeria</i> <i>Euphorbia</i> <i>Euphorbia</i>	? <i>lechenaultii</i> ? <i>drummondii</i> sp.
STACKHOUSIACEAE	<i>Stackhousia</i>	<i>muricata</i>
SAPINDACEAE	<i>Dodonaea</i> <i>Dodonaea</i>	<i>lobulata</i> <i>viscosa</i> ssp. <i>angustissima</i>
MALVACEAE	<i>Lawrencia</i> <i>Lawrencia</i>	<i>diffusa</i> <i>squamata</i>

APPENDIX A : VASCULAR PLANT SPECIES LIST - GYPSUM PROJECT

FAMILY	GENERA	SPECIES
MYRTACEAE	<i>Melaleuca</i>	<i>hamulosa</i>
	<i>Melaleuca</i>	<i>lanceolata</i>
	<i>Melaleuca</i>	<i>lateriflora</i>
	<i>Melaleuca</i>	<i>laxiflora</i>
	<i>Melaleuca</i>	<i>pauperiflora</i> ssp. <i>fastigiata</i>
	<i>Melaleuca</i>	<i>thyoides</i>
	<i>Melaleuca</i>	<i>uncinata</i>
	<i>Melaleuca</i>	sp.
	<i>Melaleuca</i>	sp. "scabra" group
	<i>Regelia</i>	<i>inops</i>
	<i>Verticordia</i>	? <i>acerosa</i> var. <i>preissii</i>
	<i>Verticordia</i>	<i>eriocephala</i>
	<i>Verticordia</i>	sp.
APIACEAE	<i>Daucus</i>	<i>glochidiatus</i>
	<i>Hydrocotyle</i>	? <i>asiatica</i>
	? <i>Hydrocotyle</i>	<i>hexaptera</i>
	<i>Trachymene</i>	? <i>elachocarpa</i>
EPACRIDACEAE	<i>Astroloma</i>	<i>serratifolium</i>
	? <i>Astroloma</i>	sp.
	<i>Coleanthera</i>	<i>myrtoides</i>
	<i>Conostephium</i>	<i>drummondii</i>
	<i>Conostephium</i>	<i>preissii</i>
	<i>Conostephium</i>	<i>roei</i>
	<i>Leucopogon</i>	<i>aff. insularis</i>
LOGANIACEAE	<i>Mitrasacme</i>	? <i>paradoxa</i>
GENTIANACEAE	* <i>Centaurium</i>	<i>erythraea</i>
APOCYNACEAE	<i>Alyxia</i>	<i>buxifolia</i>
CONVOLVULACEAE	<i>Wilsonia</i>	<i>humilis</i>
BORAGINACEAE	<i>Halgania</i>	? <i>priessiana</i>
	<i>Halgania</i>	sp.
	<i>Omphalolappula</i>	<i>concava</i>
CHLOANTHACEAE	? <i>Cyanostegia</i>	<i>microphylla</i>
	<i>Dicrastylis</i>	<i>velutina</i>
LAMIACEAE	<i>Westringia</i>	<i>cephalantha</i>
	<i>Westringia</i>	<i>dampieri</i>
	<i>Westringia</i>	<i>rigida</i>
SOLANACEAE	<i>Lycium</i>	<i>australe</i>
	<i>Nicotiana</i>	? <i>rosulata</i>
	<i>Solanum</i>	<i>nummularium</i>
SCROPHULARIACEAE	* <i>Parentucellia</i>	<i>latifolia</i>
	* <i>Zaluzianskya</i>	<i>divaricata</i>

APPENDIX A : VASCULAR PLANT SPECIES LIST - GYPSUM PROJECT

FAMILY	GENERA	SPECIES
MYOPORACEAE	<i>Eremophila</i>	<i>decipiens</i>
	<i>Eremophila</i>	<i>glutinosa</i>
	<i>Eremophila</i>	<i>ionantha</i>
	<i>Eremophila</i>	<i>miniata</i>
	<i>Eremophila</i>	<i>oppositifolia</i>
	<i>Eremophila</i>	<i>?paisleyi</i>
	<i>Eremophila</i>	<i>serpens</i>
	<i>Eremophila</i>	<i>subteretifolia (ms)</i>
	<i>Myoporum</i>	<i>deserti</i>
PLANTAGINACEAE	<i>Plantago</i>	<i>coronopus</i>
	<i>Plantago</i>	<i>debilis</i>
	<i>Plantago</i>	<i>drummondii</i>
LOBELIACEAE	<i>Lobelia</i>	<i>winfridae</i>
GOODENIACEAE	<i>Dampiera</i>	<i>lavandulacea</i>
	<i>Dampiera</i>	<i>?tenuicaulis</i>
	<i>Goodenia</i>	sp.
	<i>Goodenia</i>	sp. 2
	<i>Scaevola</i>	<i>collaris</i>
	<i>Scaevola</i>	<i>spinescens</i>
STYLIDIACEAE	<i>Levenhookia</i>	<i>?leptantha</i>
	<i>Stylidium</i>	<i>pulviniforme</i>
	<i>Stylidium</i>	<i>repens</i>
ASTERACEAE	<i>Actinobole</i>	<i>uliginosum</i>
	<i>?Angianthus</i>	<i>connatus</i>
	<i>Angianthus</i>	<i>microcephalus</i>
	<i>Angianthus</i>	<i>myosuroides</i>
	<i>Angianthus</i>	<i>pygmaeus</i>
	<i>Angianthus</i>	<i>tomentosus</i>
	<i>?Angianthus</i>	sp.
	<i>Argyrolottis</i>	<i>turbinata</i>
	<i>Asteridea</i>	<i>athrixioides</i>
	<i>Asteridea</i>	<i>chaetopoda</i>
	<i>Blennospora</i>	<i>drummondii</i>
	<i>Blennospora</i>	<i>phlegmatocarpa</i>
	<i>Brachycome</i>	<i>ciliaris</i>
	<i>Brachycome</i>	sp.
	<i>?Brachycome</i>	sp. 2
	<i>?Brachycome</i>	sp. (undet.)
	<i>Centaurea</i>	<i>melitensis</i>
	<i>Cephalipterum</i>	<i>drummondii</i>
	<i>?Chrysocoryne</i>	<i>uniflora</i>
	<i>Cotula</i>	<i>bipinnata</i>
	<i>Cotula</i>	<i>cotuloides</i>
	<i>Cratystylis</i>	<i>subspinescens</i>
	<i>Erymophyllum</i>	<i>glossanthus</i>
	<i>Erymophyllum</i>	<i>tenellum</i>
	<i>Gilberta</i>	<i>tenuifolia</i>
	<i>Gnephosis</i>	<i>acicularis</i>
	<i>Gnephosis</i>	<i>angianthoides</i>

APPENDIX A : VASCULAR PLANT SPECIES LIST - GYPSUM PROJECT

FAMILY	GENERA	SPECIES
ASTERACEAE	<i>Gnephosis</i>	<i>drummondii</i>
	? <i>Gnephosis</i>	<i>intonsa</i>
	<i>Gnephosis</i>	<i>tenuissima</i>
	<i>Gnephosis</i>	<i>tridens</i>
	<i>Haegiela</i>	<i>tatei</i>
	* <i>Helminthotheca</i>	<i>echiodes</i>
	<i>Hyalochlamys</i>	<i>globifera</i>
	<i>Hyalosperma</i>	<i>glutinosum</i> ssp. <i>glutinosum</i>
	* <i>Hypochaeris</i>	<i>glabra</i>
	<i>Kippistia</i>	<i>suaedifolia</i>
	<i>Lawrencella</i>	<i>rosea</i>
	<i>Millotia</i>	<i>depauperata</i>
	<i>Millotia</i>	<i>major</i>
	<i>Millotia</i>	<i>tenuifolia</i> var. <i>tenuifolia</i>
	<i>Millotia</i>	sp.
	<i>Olearia</i>	<i>muelleri</i>
	<i>Olearia</i>	<i>pimeleoides</i>
	<i>Olearia</i>	<i>revoluta</i>
	<i>Podolepis</i>	<i>canescens</i>
	<i>Podolepis</i>	<i>capillaris</i>
	<i>Podolepis</i>	<i>lessonii</i>
	<i>Podolepis</i>	<i>rugosa</i>
	<i>Podolepis</i>	<i>tepperi</i>
	<i>Podotheca</i>	<i>angustifolia</i>
	<i>Podotheca</i>	? <i>gnaphalioides</i>
	<i>Pogonolepis</i>	<i>stricta</i>
	* <i>Pseudognaphalium</i>	<i>luteo-album</i>
	<i>Quinetia</i>	<i>urvillei</i>
	<i>Rhodanthe</i>	? <i>charsleyae</i>
	<i>Rhodanthe</i>	<i>citrina</i>
	<i>Rhodanthe</i>	<i>polycephala</i>
	<i>Rhodanthe</i>	sp. 1
	<i>Schoenia</i>	<i>cassiniana</i>
	<i>Senecio</i>	<i>lautus</i> ssp. <i>maritimus</i>
	<i>Senecio</i>	? <i>lautus</i> ssp. <i>dissectifolius</i>
	<i>Senecio</i>	<i>quadridentatus</i>
	<i>Siloxerus</i>	<i>pygmaeus</i>
	* <i>Sonchus</i>	<i>oleraceus</i>
	<i>Trichanthodium</i>	<i>exilis</i>
	* ? <i>Urospermum</i>	<i>picroides</i>
	* <i>Ursinia</i>	<i>anthemoides</i>
	<i>Vellereophyton</i>	<i>dealbatum</i>
	<i>Vittadinia</i>	<i>gracilis</i>
	<i>Waitzia</i>	<i>acuminata</i>
	<i>Waitzia</i>	<i>citrina</i>
	<i>Waitzia</i>	? <i>suaeveolens</i> var. <i>flava</i>
	<i>Waitzia</i>	<i>suaveolens</i> var. <i>suaveolens</i>
	? <i>Waitzia</i>	sp.
	Asteraceae	sp.
	Asteraceae	sp. 2
	Asteraceae	sp. (undet.)

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

INDEX OF SITE NUMBERS AND LOCATIONS

Site Numbers	Site Locations
G1 - G4	Lake Brown (Reserve 21759)
G5	Reserve 19209
G6 - G13	Lake Baladjie between Reserves 1431 and 28004
G14 - G17	Lake Baladjie
G18 - G19	Lake Deborah West
G20	Lake Deborah West, Reserve 13730
G21 - G23	Lake Deborah West
G24 - G26	Lake Deborah West/East
G200 - G201	Lake Altham
G202	Dunn Rock Reserve 36445 (Lake Bennett)
G203 - G207	Ronnerup Lake
G208 - G209	Lake King
G210 - G211	Lake Ace
G212	Lake Camm
G213 - G214	Lake Pallarup
G215 - G216	Lake King
G217 - G220	Lake Milarup
G221	Lake King
G222	Lake Biddy
G223 - G224	Lake Magenta
G225	Lake Cobham
G226	VCL East of Reserve 25113
G227	Lake Grace South, Reserve 28395
G228 - G229	Lake Grace North - VCL
G230 - G232	Lake Grace North Reserve 28395
G233 - G235	Nature Reserve 27289
G236 - G237	Lake Joy
G238 - G240	Lake Lockhart
G241 - G242	Lake Pingrup
G400 - G408	Lake Kurrenkutten
G409 - G414	Seagroats. (Reserve 25979)
G415	Red Lake (Reserve 16493)
G416 - G421	Seagroats. (Reserve 25979)
G422 - G427	Lake Kondinin (Reserve 22519)
G428 - G443	Reserve 26905
G444 - G450	Reserve 23366
G451 - G452	Reserve 22519/22906 Lake Kondinin
G453 - G458	Reserve 26905/26692

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

INDEX OF SITE NUMBERS AND LOCATIONS

Site Numbers	Site Locations
G459 - G465	Jilakin Lake (Reserve 15385)
G466	East Jilakin Lake (Reserve 15385)
G467 - G481	Reserve 26687
G482 - G487	Lake Wallambin
G488 - G490	Lake Wallambin (Reserve 21719)
G491 - G495	Lake Cowcowing
G496 - G498	Lake Cowcowing, small northern lake
G499	Lake Cowcowing

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G1 Location: Lake Brown (Reserve 21759)

Location Notes: Eastern shore adjacent to gypsum cutting. Recorder Initials: NC,AH

Date: 29/10/94 GPS Lat.: UTM50 624932 Long.: J6556827

Topography Position: Secondary dune, 8m high, 10m wide at the crest,
and with a 5-10 degree slope.

Soils: Uniform powdery white gypsum to 50cm.

Site	Locn.	Species	Ht (cm)	% Cover
G1	5	<i>Angianthus tomentosus</i>	5	0.5
G1	5	<i>Atriplex vesicaria</i>	30-60	0.2
G1	5	<i>Bromus arenarius</i>	5	0.5
G1	5	<i>Eucalyptus salicola</i>	1000-2000	5
G1	5	<i>Halosarcia ?pergranulata</i>	30-70	0.1
G1	5	<i>Maireana erioclada</i>	40	0.01
G1	5	<i>Zygophyllum aff. aurantiacum</i>	20	0.2
G1	5+	<i>Amyema miquelii</i>		0.01
G1	5+	* <i>Brassica tournefortii</i>	30	0.01
G1	5+	<i>Callitris glaucophylla</i>	700	0.01
G1	5+	* <i>Carpobrotus ?aequilaterus</i>	30	0.01
G1	5+	<i>Dodonaea viscosa ssp. angustissima</i>	100-200	0.01
G1	5+	<i>Frankenia cinerea/punctata</i>	20	0.01
G1	5+	<i>Kippistia suaedifolia</i>	20	0.01
G1	5+	<i>Lycium australe</i>	100	0.01
G1	5+	<i>Maireana suaedifolia</i>	50	0.01
G1	5+	<i>Senecio lautus ssp. maritimus</i>	50	0.01
G1	5+	* <i>Sonchus oleraceus</i>	10	0.01
G1	5+	<i>Stipa elegantissima</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G2 Location: Lake Brown (Reserve 21759)

Location Notes: Eastern shore adjacent to gypsum cutting. Recorder Initials: NC,AH

Date: 29/10/94 GPS Lat.: UTM50 624886 Long.: J6556867

Topography Position: Interdune swale

Soils: Gypsiferous granular crust, irregular surface, re-solution evident.

0-10cm powdery white; 10cm yellow sparkling; 10-30cm yellow little more coarse sparking, 30-40cm sticks together about 40cm darker brown layer.

40-50cm intermittent brown layers-losing sparkle. 50cm sandy gypsum and coarse.

Site	Locn.		Species	Ht (cm)	% Cover
G2	5		<i>Atriplex ?stipitata</i>	30-100	5
G2	5	*	<i>Avena sp.</i>	60	1
G2	5	*	<i>Brassica tournefortii</i>	60	0.01
G2	5		<i>Exocarpos aphyllus</i>	300	0.01
G2	5		<i>Rhagodia ?drummondii</i>	50	0.01
G2	5+		<i>Bromus arenarius</i>	5	3
G2	5+	*	<i>Carpobrotus ?aequilaterus</i>	30	0.01
G2	5+		<i>Halosarcia pterygosperma ssp. pterygosperma</i>	40	5
G2	5+	*	<i>Mesembryanthemum nodiflorum</i>	5	0.01
G2	5+		<i>Ptilotus sp.</i>	30	0.01
G2	5+		<i>Stipa elegantissima</i>	30	0.01
G2	5+		<i>Stipa trichophylla</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G3 Location: Lake Brown (Reserve 21759)

Location Notes: Eastern shore adjacent to gypsum cutting. Recorder Initials: NC, AH

Date: 29/10/94 GPS Lat.: UTM50 624832 Long.: J6556823; at benchmark AMA47.

Topography Position: Minor dune/embankment on lake edge.

Soils: 0cm - surface irregular granular coarse sparkling; 10-20cm - losing sparkle;

40-50cm - moist.

Site	Locn.		Species	Ht (cm)	% Cover
G3	5		<i>Atriplex vesicaria</i>	40	0.1
G3	5		<i>Bromus arenarius</i>	5	0.1
G3	5		<i>Callitris glaucophylla</i>	500-800	3
G3	5	*	<i>Carpobrotus ?aequilaterus</i>	20	0.1
G3	5		<i>Darwinia aff. diosmoides</i>	60	0.1
G3	5		<i>Maireana suaedifolia</i>	50	0.1
G3	5		<i>Melaleuca halmaturorum ssp. cymbifolia</i>	200-500	1
G3	5		<i>Rhagodia ?drummondii</i>	50	0.01
G3	5		<i>Stipa elegantissima</i>	50	0.1
G3	5		<i>Zygophyllum aff. aurantiacum</i>	20	0.1
G3	5+		<i>Billardiera lehmanniana</i>	70	0.01
G3	5+		<i>Dodonaea viscosa ssp. angustissima</i>	100	0.01
G3	5+		<i>Eucalyptus hypochlamydea ssp. "smooth bark"</i>	2000	0.01
G3	5+		<i>Eucalyptus salicola</i>	800-2500	0.1
G3	5+		<i>Frankenia cinerea/punctata</i>	5	<0.01
G3	5+		<i>Leptospermum erubescens</i>	200	0.01
G3	5+		<i>Lycium australe</i>	100	0.01
G3	5+		<i>?Maireana oppositifolia</i>	20	0.01
G3	5+	*	<i>Mesembryanthemum nodiflorum</i>	5	0.01
G3	5+		<i>Pittosporum phylliraeoides var. microcarpa</i>	50	0.01
G3	5+		<i>Santalum acuminatum</i>	200-300	0.1
G3	5+		<i>Senecio lautus ssp. maritimus</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G4 Location: Lake Brown (Reserve 21759)

Location Notes: Eastern shore adjacent to gypsum cutting. Recorder Initials: NC,AH

Date: 29/10/94 GPS Lat.: UTM50 624949 Long.: J65568804

Topography Position: Samphire flat to east of main secondary dune.

Soils: 0-20cm red-brown clay. >20-50 red clay, moist and holding together.

Site	Locn.	Species	Ht (cm)	% Cover
G4	5	* <i>Aira cupaniana</i>	5	0.01
G4	5	<i>Atriplex stipitata</i>	40	0.01
G4	5	<i>Bromus arenarius</i>	5	20
G4	5	* <i>Carpobrotus ?aequilaterus</i>	10	0.01
G4	5	<i>Danthonia acerosa</i>	30	0.1
G4	5	<i>Eragrostis dielsii</i>	1	0.01
G4	5	<i>Frankenia tetrapetala</i>	30	0.1
G4	5	<i>Halosarcia sp.</i>	50	18
G4	5	<i>Hyalochlamys globifera</i>	1	5
G4	5	<i>Lawrencia squamata</i>	50	0.1
G4	5	<i>Maireana carnosia</i>	1	0.01
G4	5	<i>Maireana suaedifolia</i>	40	0.1
G4	5	<i>Podolepis capillaris</i>	20	0.01
G4	5	<i>Rhagodia drummondii</i>	40	0.1
G4	5	<i>Sclerolaena diacantha</i>	5	0.01
G4	5	<i>Senecio lautus ssp. maritimus</i>	5	0.01
G4	5	<i>Stipa elegantissima</i>	50	3
G4	5	<i>Stipa trichophylla</i>	30	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G5 Location: Reserve 19209

Location Notes: North-east of Boodarockin. Recorder Initials: NC, AH

Date: 29/10/94 GPS Lat.: UTM50 663477 Long.: J6569706

Topography Position: Northern embankment of lake.

Soils: 0cm moderate red brown clay, dry. >5-20cm moist. >20-50 sticking together.

>35cm grey-orange-pink in moderate red clay, ?calcium.

Site	Locn.	Species	Ht (cm)	% Cover
G5	5	<i>Acacia inceana ssp. conformis</i>	200-300	1
G5	5	<i>Atriplex stipitata</i>	60	1
G5	5	<i>Eucalyptus loxophleba</i>	800-1500	1
G5	5	<i>Exocarpos aphyllus</i>	300	0.1
G5	5	<i>Hyalosperma glutinosum ssp. glutinosum</i>	5	25
G5	5	Moss	1	30
G5	5	<i>Podolepis capillaris</i>	15	0.01
G5	5	<i>Rhagodia drummondii</i>	150	0.2
G5	5	<i>Stipa elegantissima</i>	60	0.01
G5	5+	<i>Acacia erinacea</i>	100	0.01
G5	5+	* <i>Aira cupaniana</i>	5	0.1
G5	5+	<i>Bromus arenarius</i>	5	10
G5	5+	<i>Danthonia acerosa</i>	20	0.01
G5	5+	<i>Enchylaena tomentosa</i>	20	0.01
G5	5+	<i>Eremophila ionantha</i>	100	0.5
G5	5+	<i>Eremophila oppositifolia</i>	150	0.1
G5	5+	<i>Eucalyptus salubris var. salubris</i>	1500	1
G5	5+	<i>Frankenia tetrapetala</i>	40	0.01
G5	5+	<i>Grevillea acuaria</i>	80	0.01
G5	5+	<i>Lycium australe</i>	70	0.01
G5	5+	<i>Maireana carnososa</i>	1	0.01
G5	5+	<i>Maireana georgei</i>	20	0.01
G5	5+	<i>Maireana triptera</i>	30	0.5
G5	5+	<i>Melaleuca lateriflora</i>	150	0.1
G5	5+	<i>Olearia muelleri</i>	30	0.01
G5	5+	<i>Ptilotus sp. (v.s)</i>	1	0.01
G5	5+	<i>Sclerolaena diacantha</i>	15	0.01
G5	5+	<i>Templetonia sulcata</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G6 Location: Lake Baladjie between Reserves 1431 and 28004.

Location Notes: On large dune promontory on south-west of lake.

Recorder Initials: NC, AH Date: 30/10/94 GPS Lat.: UTM50 661420 Long.: J6575567

Topography Position: 10m high salmon pink sand dune promontory.

Soils: 0-50cm light red-brown sand.

Site	Locn.	Species	Ht (cm)	% Cover
G6	5+	<i>Acacia acuminata</i>	200-400	10
G6	5+	<i>Acacia ligulata</i>	400	0.01
G6	5+	<i>Acacia tetragonophylla</i>	300	0.01
G6	5+	<i>Amphipogon strictus</i>	10	0.01
G6	5+	<i>Atriplex stipitata</i>	30	0.01
G6	5+	<i>Callitris glaucophylla</i>	500-1000	0.1
G6	5+	<i>Comesperma volubile</i>		0.01
G6	5+	<i>Danthonia acerosa</i>	10	0.01
G6	5+	<i>Dodonaea viscosa ssp. angustissima</i>	200-300	1
G6	5+	<i>Enchylaena tomentosa</i>	30	0.01
G6	5+	<i>Eucalyptus corrugata</i>	1500	1.5
G6	5+	<i>Eucalyptus salicola</i>	1500-2000	0.5
G6	5+	<i>Grevillea sarissa</i>	300	0.01
G6	5+	<i>Olearia pimeleoides</i>	80	0.01
G6	5+	<i>Podolepis capillaris</i>	5	0.1
G6	5+	<i>Ptilotus obovatus</i>	60	0.01
G6	5+	<i>Rhagodia drummondii</i>	60	0.1
G6	5+	<i>Rhodanthe citrina</i>	5	0.1
G6	5+	<i>Santalum spicatum</i>	200-300	0.1
G6	5+	<i>Scaevola spinescens</i>	150	0.01
G6	5+	<i>Solanum nummularium</i>	15	0.01
G6	5+	<i>Stipa elegantissima</i>	100	0.01
G6	5+	<i>Stipa trichophylla</i>	15	0.01
G6	5+	<i>Thysanotus manglesianus</i>		0.01
G6	Lowerslope	<i>Eremophila oppositifolia</i>	200	0.01
G6	Lowerslope	<i>Olearia muelleri</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G7A and G7B Location: Lake Baladjie between Reserves 1431 and 28004.

Location Notes: East edge of large promontory dune on south-west of lake.

Recorder Initials: NC, AH Date: 30/10/94

GPS Lat.: UTM50 681454 Long.: J6575490

Topography Position: Lowerslope of dunes and 10m wide zone between Halosarcia's and deep sand

Soils: 0cm irregular, grainy surface, dry, moderate red/orange sand. 10-20cm moist
0-50cm moderate red/brown; sandy clay (sticks together)

Comments: SWG7 species are opportunistic collections from the landward end of the promontory.

Site	Locn.	Species	Ht (cm)	% Cover
G7A	5	<i>Atriplex nummularia</i> ssp. <i>spathulata</i>	50	0.01
G7A	5	<i>Comesperma volubile</i>		0.01
G7A	5	<i>Dodonaea viscosa</i> ssp. <i>angustissima</i>	300	0.01
G7A	5	<i>Eremophila decipiens</i>	40.	0.01
G7A	5	<i>Exocarpos sparteus</i>	150	0.01
G7A	5	<i>Frankenia tetrapetala</i>	30	0.5
G7A	5	<i>Lepidium ?rotundum</i>	20	0.01
G7A	5	<i>Lycium australe</i>	50	0.01
G7A	5	<i>Lysiana ?casuarinae</i>		0.01
G7A	5	<i>Maireana carnosae</i>	20	0.01
G7A	5	<i>Melaleuca lateriflora</i>	200-400	0.5
G7A	5	<i>Melaleuca uncinata</i>	400-500	1
G7A	5	<i>Pimelea ?rosea</i>	100	0.01
G7A	5	<i>Podolepis capillaris</i>	15	0.01
G7A	5	<i>Rhagodia drummondii</i>	80	0.01
G7A	5	<i>Sclerolaena parviflora</i>	15	0.01
G7A	5	<i>Stipa elegantissima</i>	70	0.01
G7A	5	<i>Stipa pycnostachya</i>	50	0.01
G7A	5	<i>Templetonia sulcata</i>	300	0.1
G7A	5	<i>Thysanotus manglesianus</i>	50	0.01
G7B	15-20m-lake	? <i>Astroloma</i> sp.	50	0.01
G7B	15-20m-lake	<i>Atriplex hymenotheca</i>	30	0.01
G7B	15-20m-lake	?cf. <i>Baeckea stowardii</i> group	20	5
G7B	15-20m-lake	<i>Eragrostis dielsii</i>	1	0.01
G7B	15-20m-lake	<i>Frankenia cinerea/punctata</i>	10	0.01
G7B	15-20m-lake	<i>Frankenia tetrapetala</i>	30	0.01
G7B	15-20m-lake	<i>Gunniiopsis quadrifida</i>	30	0.1
G7B	15-20m-lake	<i>Halosarcia</i> sp.	40	0.5
G7B	15-20m-lake	<i>Roycea divaricata</i>	20	0.01
G7B	15-20m-lake	<i>Sclerostegia moniliformis</i>	40	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site	Locn.	Species	Ht (cm)	% Cover
SWG7		<i>Dianella revoluta</i> var. <i>divaricata</i>	100	<0.01
SWG7		<i>Eremophila oppositifolia</i>	150-300	0.1
SWG7		<i>Eucalyptus brachycorys</i>	500-800	<0.01
SWG7		<i>Hakea preissii</i>	100-200	0.1
SWG7		<i>Lomandra ?effusa</i>	60	<0.01

Site No: G8 Location: Lake Baladjie between Reserves 1431 and 28004.

Location Notes: South-west corner of lake. 20m west of lake edge.

Recorder Initials: NC, AH Date: 30/10/94

GPS Lat.: UTM50 681 1039 Long.: J657416

Topography Position: On yellow sandy rise 1m above the lake bed.

Soils: Duricrust 70%, surface irregular. 0-50cm light brown sand, moist at 50cm.

Site	Locn.	Species	Ht (cm)	% Cover
G8	5	<i>Acacia tetragonophylla</i>	400	0.01
G8	5	? <i>Angianthus connatus</i>	2	0.01
G8	5	<i>Atriplex nana</i>	30	0.1
G8	5	<i>Callitris glaucophylla</i>	400-800	0.1
G8	5	* <i>Carpobrotus ?aequilaterus</i>	20	0.01
G8	5	<i>Danthonia acerosa</i>	10	0.01
G8	5	<i>Dodonaea viscosa</i> ssp. <i>angustissima</i>	200-300	7
G8	5	<i>Eremophila miniata</i>	200	1
G8	5	<i>Grevillea sarissa</i>	300	0.01
G8	5	<i>Gunniopsis quadrifida</i>	20	0.01
G8	5	<i>Hakea preissii</i>	70	1
G8	5	<i>Lomandra effusa</i>	70	0.01
G8	5	<i>Lycium australe</i>	60	<0.01
G8	5	<i>Maireana suaedifolia</i>	30	0.01
G8	5	<i>Olearia pimeleoides</i>	100	0.01
G8	5	<i>Rhagodia drummondii</i>	40	2
G8	5	<i>Santalum spicatum</i>	200	0.1
G8	5	<i>Stipa elegantissima</i>	60	0.01
G8	5	<i>Stipa pycnostachya</i>	20	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G9 Location: Lake Baladjie between Reserves 1431 and 28004.

Location Notes: South-west corner of lake. Small dune between salt lake and channel.

Recorder Initials: NC, AH Date: 30/10/94

GPS Lat.: UTM 50 681 868 Long.: J657 3688

Topography Position: 1-2m high dune.

Soils: 0-50cm brown/orange to salmon pink sand; >45cm moist.

Site	Locn.	Species	Ht (cm)	% Cover
G9	5	<i>Atriplex stipitata</i>	40	2
G9	5	<i>Callitris glaucophylla</i>	800-1000	0.01
G9	5	* <i>Carpobrotus ?aequilaterus</i>	10	0.01
G9	5	<i>Cratystylis subspinescens</i>	100	0.01
G9	5	<i>Dodonaea viscosa ssp. angustissima</i>	200-300	0.01
G9	5	<i>Eremophila miniata</i>	200-300	0.1
G9	5	<i>Eucalyptus salicola</i>	1200-1500	15
G9	5	<i>Exocarpos sparteus</i>	200	0.1
G9	5	<i>Grevillea sarissa</i>	200	0.01
G9	5	<i>Lawrenzia squamata</i>	40	0.01
G9	5	<i>Lomandra collina</i>	70	0.1
G9	5	<i>Maireana suaedifolia</i>	60	0.1
G9	5	<i>Pittosporum phylliraeoides</i>	300	0.5
G9	5	<i>Podotheca ?gnaphalioides</i>	5	0.01
G9	5	<i>Ptilotus spathulatus</i>	5	0.01
G9	5	<i>Rhagodia ?drummondii</i>	40	0.5
G9	5	<i>Santalum acuminatum</i>	300	0.01
G9	5	<i>Santalum spicatum</i>	200	0.01
G9	5	<i>Scaevola spinescens</i>	100	0.01
G9	5	<i>Sclerolaena diacantha</i>	10	0.01
G9	5	<i>Stipa elegantissima</i>	30	0.01
G9	5	<i>Templetonia sulcata</i>	200-300	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G10 Location: Lake Baladjie between Reserves 1431 and 28004.

Location Notes: Lake verge south-west corner of lake. Recorder Initials: NC,AH

Date: 30/10/94. GPS Lat.: UTM 50 681 763 Long.: J657 3709

Topography Position: (100m north of track near flowline). Elevated lake verge,
<50m from lake edge.

Soils: 0cm fine layer white sand; 0-50cm greyish/orange/pink sand; >40cm moist.

Site	Locn.	Species	Ht (cm)	% Cover
G10	5	* <i>Aira cupaniana</i>	5	0.01
G10	5	? <i>Angianthus connatus</i>	10	0.01
G10	5	<i>Atriplex hymenotheca</i>	10	0.01
G10	5	<i>Atriplex nana</i>		0.01
G10	5	<i>Bromus arenarius</i>	5	2
G10	5	* <i>Carpobrotus ?aequilaterus</i>	5	0.01
G10	5	<i>Gunniopsis quadrifida</i>	30	0.01
G10	5	<i>Jacksonia arida (ms)</i>	100-500	0.01
G10	5	<i>Lomandra ?collina</i>	30	0.01
G10	5	<i>Maireana amoena</i>	30	0.01
G10	5	<i>Maireana suaedifolia</i>	40	0.01
G10	5	<i>Melaleuca uncinata</i>	600-800	10
G10	5	<i>Rhagodia drummondii</i>	40-60	1
G10	5	<i>Sclerolaena eurotioides</i>	20	0.01
G10	5	<i>Stipa elegantissima</i>	40	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G11 Location: Lake Baladjie between Reserves 1431 and 28004.

Location Notes: South of lake. Recorder Initials: NC, AH Date: 30/10/94

GPS Lat.: UTM 50 682 037 Long.: J657 3506

Topography Position:

Soils: Duricrust 80%, incorporates lichen. 0-15 surface crust over moderate reddish brown sandy silt. > 15-50cm moderate reddish brown sandy silt, with some clay.

Site	Locn.	Species	Ht (cm)	% Cover
G11	5	<i>Acacia inceana ssp. conformis</i>	200-300	8
G11	5	<i>Acacia tetragonophylla</i>	30	0.01
G11	5	<i>Atriplex stipitata</i>	30	0.01
G11	5	<i>Bromus arenarius</i>	10	3
G11	5	<i>Danthonia acerosa</i>	10	0.01
G11	5	<i>Dodonaea viscosa ssp. angustissima</i>	200-300	0.5
G11	5	<i>Eremophila oppositifolia</i>	200-300	2
G11	5	<i>Exocarpos sparteus</i>	300	0.5
G11	5	<i>Frankenia tetrapetala</i>	30	0.01
G11	5	<i>Hyalochlamys globifera</i>	1	0.01
G11	5	<i>Hyalosperma glutinosum ssp. glutinosum</i>	10	20
G11	5	<i>Lycium australe</i>	100-150	1
G11	5	<i>Maireana carnosae</i>	10	0.01
G11	5	<i>Maireana georgei</i>	30	0.01
G11	5	<i>Maireana thesioides</i>	40	0.01
G11	5	<i>Maireana triptera</i>	40	0.01
G11	5	<i>Olearia muelleri</i>	40	0.01
G11	5	<i>Olearia pimeleoides</i>	40	0.01
G11	5	<i>Podolepis capillaris</i>	15	3
G11	5	<i>Podotheca ?gnaphalioides</i>	2	0.01
G11	5	<i>Pogonolepis stricta</i>	1	0.01
G11	5	<i>Rhagodia drummondii</i>	40	0.5
G11	5	<i>Rhodanthe ?charsleyae</i>	1	0.01
G11	5	<i>Santalum spicatum</i>	200	0.01
G11	5	<i>Schoenia cassiniana</i>	5	0.01
G11	5	<i>Sclerolaena diacantha</i>	10	0.01
G11	5	<i>Stipa elegantissima</i>	60	0.01
G11	5	<i>Thysanotus manglesianus</i>		0.01
G11	NA	<i>Acacia leptopetala</i>	200	<0.01
G11	NA	<i>Atriplex nummularia</i>	50	<0.01
G11	NA	<i>Ptilotus exaltatus</i>	20	<0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G12 Location: Lake Baladjie between Reserves 1431 and 28004.

Location Notes: South edge of lake. Recorder Initials: NC, AH Date: 30/10/94

GPS Lat.: UTM 50 683 3037 Long.: J657 3690

Topography Position: Dune crest 50m south of lake verge.

Soils: Salmon pink sand. 0cm moderate reddish brown sand. 0-35cm moderate reddish orange sand; 35-50cm moist mod.reddish orange sand.

Site	Locn.	Species	Ht (cm)	% Cover
G12	5	<i>Acacia acuminata ssp. acuminata</i>	300	<0.01
G12	5	<i>Acacia ligulata</i>	300	<0.01
G12	5	* <i>Aira cupaniana</i>	5	0.01
G12	5	<i>Aristida contorta</i>	10	0.01
G12	5	<i>Atriplex stipitata</i>	30	<0.01
G12	5	<i>Bursaria occidentalis</i>	600-1000	0.1
G12	5	<i>Dodonaea viscosa ssp. angustissima</i>	200	0.01
G12	5	<i>Enchylaena tomentosa</i>	20	0.01
G12	5	<i>Eucalyptus salicola</i>	1000-1800	19
G12	5	<i>Lomandra effusa</i>	40	<0.01
G12	5	<i>Maireana suaedifolia</i>	100	0.01
G12	5	<i>Maireana trichoptera</i>	10	0.01
G12	5	<i>Podolepis capillaris</i>	10	0.01
G12	5	<i>Rhagodia drummondii</i>	15	0.01
G12	5	<i>Sclerolaena diacantha</i>	20	0.01
G12	5	<i>Stipa elegantissima</i>	50	0.01
G12	5	<i>Stipa scabra</i>	50	0.01
G12	5	<i>Templetonia sulcata</i>	200-300	8

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G13 Location: Lake Baladjie between Reserves 1431 and 28004.

Location Notes: South of lake. 50m north of corner of fence in Reserve 28004.

Recorder Initials: NC, AH Date: 30/10/94

GPS Lat.: UTM 50 68 2771 Long.: J657 2762

Topography Position: Level country 2m above lake bed, extending 300m from rear of dunes on lake edge inland.

Soils: 0cm moderate reddish brown sand, hard packed sandy silt crust.

> 0-25cm mod.reddish brown sandy silt. > 25-30cm rocks.

> 30-50cm mod.reddish orange/pale reddish brown, silt.

Site	Locn.	Species	Ht (cm)	% Cover
G13	5	<i>Acacia acuminata</i>	300	5
G13	5	<i>Acacia tetragonophylla</i>	300	0.1
G13	5	<i>Atriplex nummularia</i>	150	0.1
G13	5	<i>Atriplex stipitata</i>	50	0.01
G13	5	<i>Bromus arenarius</i>	10	0.01
G13	5	<i>Danthonia acerosa</i>	10	0.01
G13	5	<i>Dodonaea viscosa ssp. angustissima</i>	60	0.1
G13	5	<i>Eremophila decipiens</i>	50	0.01
G13	5	<i>Eremophila oppositifolia</i>	200	0.01
G13	5	<i>Eucalyptus salubris</i>	1000	5
G13	5	<i>Goodenia sp.</i>		0.01
G13	5	<i>Grevillea sarissa</i>	200	0.01
G13	5	<i>Hyalosperma glutinosum ssp. glutinosum</i>	10	0.01
G13	5	<i>Maireana carnosae</i>	5	<0.01
G13	5	<i>Maireana suaedifolia</i>	20	0.01
G13	5	<i>Maireana triptera</i>	40	0.1
G13	5	<i>Maireana sp.</i>	30	0.01
G13	5	<i>Melaleuca sp.</i>	500	0.1
G13	5	<i>Olearia pimeleoides</i>	60	0.01
G13	5	<i>Podolepis capillaris</i>	70	<0.01
G13	5	<i>Ptilotus obovatus</i>	40	0.01
G13	5	<i>Rhagodia drummondii</i>	70	0.01
G13	5	<i>Santalum spicatum</i>	200	0.01
G13	5	<i>Scaevola spinescens</i>	150	0.01
G13	5	<i>Schoenia cassiniana</i>	10	0.01
G13	5	<i>Sclerolaena diacantha</i>	20	0.1
G13	5	<i>Sclerolaena fusiformis</i>	10	0.01
G13	5	<i>Stipa elegantissima</i>	60	0.01
G13	5	<i>Templetonia sulcata</i>	70	<0.01
G13	5	<i>Waitzia acuminata</i>	10	0.01
G13	5+	<i>Acacia microbotrya</i>	300	0.01
G13	5+	<i>Senna artemisioides ssp. artemisioides</i>	60	0.01
G13	5+	<i>Senna ?cardiosperma</i>	80	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G14 Location: Lake Baladjie

Location Notes: North shore peninsula, north-west of Reserve 1431.

Recorder Initials: NC, MG Date: 10/12/94

GPS Lat.: 30.56.234 Long.: 118.54.735

Topography Position: Large, 6m high, sand dune butting into lake.

Soils: 0-50cm - 5YR 6/6 orange coarse sand, very dry

Site	Locn.		Species	Ht (cm)	% Cover
G14	5		<i>Acacia ligulata</i>	200-500	0.01
G14	5	*	<i>Aira cupaniana</i>	5	0.01
G14	5	*	<i>Brassica tournefortii</i>	10	0.01
G14	5		<i>Callitris glaucophylla</i>	300	0.01
G14	5		<i>Dianella revoluta</i>		0.01
G14	5		<i>Eucalyptus loxophleba</i> ssp. <i>loxophleba</i>	700	15
G14	5		<i>Exocarpos aphyllus</i>	150	0.01
G14	5		<i>Lomandra effusa</i>	40	0.01
G14	5		<i>Olearia revoluta</i>	100	5
G14	5		<i>Pittosporum phylliraeoides</i> var. <i>microcarpa</i>	400	0.01
G14	5		<i>Podolepis capillaris</i>	15	0.01
G14	5		<i>Podotheca angustifolia</i>	5	0.01
G14	5		<i>Prilotus obovatus</i> var. <i>obovatus</i>	40	0.01
G14	5		<i>Rhagodia ?drummondii</i>	30	0.01
G14	5		<i>Rhagodia preissii</i> ssp. <i>preissii</i>	60	0.01
G14	5		<i>Scaevola spinescens</i>	100	0.01
G14	5		<i>Stipa elegantissima</i>		0.01
G14	5		<i>Stipa nitida</i>	40	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G15 Location: Lake Baladjie

Location Notes: North shore peninsula, north-west of Reserve 1431.

Recorder Initials: NC, MG Date: 10/12/94

GPS Lat.: 30.56.177 Long.: 118.54.796

Topography Position: Small samphire sandbank 30cm above lakebed.

Soils: 0-5cm 5YR 6/4-6/6? coarse dull orange to orange dry sand

5-10cm 5YR 5/4-5/6 very moist. bright reddish brown;

30cm 5YR 8/1 light grey wet sand; 50cm 5YR 6/1 brownish grey clay;

55-60cm 5YR 5/8 bright reddish brown clay

Site	Locn.	Species	Ht (cm)	% Cover
G15	5	<i>Atriplex nana</i>	20	0.01
G15	5	<i>Calandrinia sp. 2</i>	1	0.01
G15	5	<i>Centrolepis polygina</i>	1	0.01
G15	5	<i>Centrolepis sp. 1</i>	1	0.01
G15	5	<i>Centrolepis sp. 2</i>	1	0.01
G15	5	<i>Crassula sp. 1</i>	1	0.01
G15	5	<i>Drosera sp.</i>	5	0.01
G15	5	<i>Frankenia cinerea/punctata</i>	10	0.01
G15	5	<i>Gnephosis acicularis</i>	10	0.01
G15	5	<i>Gnephosis tridens</i>	2	2
G15	5	<i>Halosarcia halocnemoides</i>	30	4
G15	5	<i>Halosarcia pergranulata</i>	30	2
G15	5	<i>?Pogonolepis stricta</i>	1	0.01
G15	5	<i>Roycea divaricata</i>	30	2
G15	5	<i>Sclerostegia moniliformis</i>	40	0.5
G15	5+	<i>Gunniopsis quadrifida</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G16 Location: Lake Baladjie

Location Notes: North shore peninsula, north-west of Reserve 1431.

Recorder Initials: NC, MG Date: 10/12/94

GPS Lat.: 30.56.154 Long.: 118.54.808

Topography Position: Embankment on granite exposure hillside. Some rocks in soil.

Soils: Colours - 0cm - 5YR 5/6 bright reddish brown very dry fine sand

50cm - as at 0cm but a little moisture at 35cm.

Site	Locn.	Species	Ht (cm)	% Cover
G16	5	<i>Acacia ramulosa</i>	300	8
G16	5	<i>Acacia tetragonophylla</i>	200	1
G16	5	<i>Brachychiton gregorii</i>	300	0.01
G16	5	<i>Dodonaea viscosa ssp. angustissima</i>	200	1
G16	5	<i>Enchylaena tomentosa</i>	40	0.01
G16	5	<i>Eremophila miniata</i>	300	2
G16	5	<i>Gilberta tenuifolia</i>	2	0.01
G16	5	<i>Gnephosis tenuissima</i>		0.01
G16	5	<i>Goodenia sp.</i>	2	0.01
G16	5	<i>Lawrencella rosea</i>	5	0.01
G16	5	<i>Millotia depauperata</i>	2	0.01
G16	5	<i>Olearia pimeleoides</i>	70	0.01
G16	5	<i>Podolepis capillaris</i>	10	0.01
G16	5	<i>Podotheca angustifolia</i>	10	0.01
G16	5	<i>Rhagodia ?drummondii</i>	60	0.1
G16	5	<i>Rhodanthe citrina</i>	2	0.01
G16	5	<i>Santalum spicatum</i>	300	0.1
G16	5	<i>Stipa elegantissima</i>		0.01
G16	5	* <i>Vulpia bromoides</i>	5	2

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G17 Location: Lake Baladjie

Location Notes: North shore peninsula, north-west of Reserve 1431.

Recorder Initials: NC, MG Date: 10/12/94

GPS Lat.: 30.56.125 Long.: 118.54.524

Topography Position: Lake foreshore embankment 1.5m high.

Soils: 0cm - 5YR 6/3-6/4 dull orange dry coarse sand;

25cm as at 0cm but very hard packed & dry

Site	Locn.	Species	Ht (cm)	% Cover
G17	5	<i>Atriplex nana</i>	20	0.5
G17	5	<i>Dodonaea viscosa ssp. angustissima</i>	100	0.01
G17	5	<i>Eremophila miniata</i>	100	0.01
G17	5	<i>Frankenia sp. 3</i>	20	0.01
G17	5	<i>Hakea preissii</i>	100	0.5
G17	5	<i>Maireana suaedifolia</i>	40	0.01
G17	5	<i>Podolepis capillaris</i>	30	1
G17	5	<i>Rhagodia ?drummondii</i>		0.01
G17	5	<i>Sclerostegia disarticulata</i>		0.1
G17	5	<i>Stipa elegantissima</i>		0.01
G17	5+	<i>Callitris glaucophylla</i>	600	0.1
G17	Lake verge	<i>Halosarcia doleiformis</i>	10	3

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G18 Location: Lake Deborah West

Location Notes: Western most south shore. Recorder Initials: NC, AH Date: 10/12/94

GPS Lat.: 30.56.234 Long.: 118.54.735

Topography Position: Crest of 40m wide and 5m high sand dune.

Soils: 0-50cm - 5/8 bright reddish brown sand, dry

Site	Locn.		Species	Ht (cm)	% Cover
G18	5		<i>Acacia ligulata</i>	200-300	10
G18	5	*	<i>Aira cupaniana</i>	2	0.01
G18	5		<i>Callitris glaucophylla</i>	700	3
G18	5		<i>Dodonaea viscosa ssp. angustissima</i>	200	1
G18	5		<i>Eucalyptus salicola</i>	1500	1
G18	5		<i>Podothea angustifolia</i>	5	0.01
G18	5		<i>Rhagodia ?drummondii</i>	40	0.1
G18	5		<i>Templetonia sulcata</i>	200	0.1
G18	5+		<i>Actinobole uliginosum</i>	1	0.01
G18	5+		<i>Atriplex stipitata</i>	20	0.01
G18	5+	*	<i>Carpobrotus ?aequilaterus</i>	10	0.01
G18	5+		<i>Enchylaena tomentosa</i>	10	0.01
G18	5+		<i>Eremophila miniata</i>	200	0.01
G18	5+		<i>Plantago debilis</i>	1	0.01
G18	5+		<i>Ptilotus obovatus</i>	40	0.01
G18	5+		<i>Rhagodia preissii ssp. preissii</i>		0.01
G18	5+		<i>Stipa elegantissima</i>		0.01
G18	5+	*	<i>Vulpia bromoides</i>	5	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G19 Location: Lake Deborah West

Location Notes: Western most south shore. Recorder Initials: NC, AH Date: 11/12/94

GPS Lat.: 30.49.058 Long.: 118.58.692

Topography Position: Swale between 1.5m embankment on lakeshore and main dune.
(20m wide).

Soils: 0cm - 5YR 5/6 bright reddish brown dry sand.

50cm - 5YR 4/8 reddish brown clay, very moist

Comment: The wettest foredune in the Merredin reserves. 20m north-east the surface
appeared gypsiferous.

Site	Locn		Species	Ht (cm)	% Cover
G19	5	*	<i>Aira cupaniana</i>	5	0.01
G19	5		<i>Atriplex ?nana</i>	40	2
G19	5		<i>Crassula ?colorata</i>	1	0.01
G19	5		<i>Disphyma crassifolium</i>	15	2
G19	5		<i>Eragrostis dielsii</i>	1	3
G19	5		<i>Frankenia cinerea/punctata</i>	10	0.01
G19	5		<i>Hyalochlamys globifera</i>	1	1
G19	5		<i>Maireana amoena</i>	15	0.01
G19	5		<i>Roycea divaricata</i>	30	1
G19	5		<i>Sclerolaena eurotioides</i>	20	0.01
G19	5		<i>?Sclerostegia moniliformis</i>	35	15
G19	5	*	<i>Vulpia bromoides</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G20 Location: Lake Deborah West, Reserve No. 13730

Location Notes: South shore north of Mount Woodward. Recorder Initials: NC, AH

Date: 11/12/94 GPS Lat.: 30.49.177 Long.: 119.01.142

Topography Position: Lake embankment, 50cm high and 5m wide, before red sand dune.

Soils: 0cm - 5YR 6/4-6/6 dull orange to orange sand. Surface flaky & gypsiferous

10cm - more moisture; 30 + 50cm - 5YR 5/8 bright reddish brown sand, wet

Site	Locn.	Species	Ht (cm)	% Cover
G20	5	<i>Frankenia cinerea/punctata</i>	10	0.01
G20	5	<i>Halosarcia sp. nov. aff. undulata</i>	20	20
G20	5	<i>Lawrencia diffusa</i>	1	0.01
G20	5	<i>Pogonolepis stricta</i>	2	0.01
G20	5	<i>Sclerostegia moniliformis</i>	40	5

Site No: G21 Location: Lake Deborah West

Location Notes: East shore (east of "the peninsula"). Recorder Initials: NC, AH

Date: 11/12/94 GPS Lat.: 32.48.868 Long.: 119.06.333

Topography Position: Lower slope of major dune, 8m wide zone.

Soils: 0cm - 5YR 4/8 gypsiferous flaky soft & dry reddish brown, shining grains

under surface: 15-50cm - no shining grains. moisture at ~20cm which holds

particles together till 50cm; 50cm - 5YR 4/6 reddish brown moist sandy clay.

Site	Locn.	Species	Ht (cm)	% Cover
G21	5	<i>Atriplex nana</i>	45	1
G21	5	<i>Atriplex spongiosa</i>	10	0.1
G21	5	<i>Bromus arenarius</i>	15	0.01
G21	5	* <i>Carpobrotus ?aequilaterus</i>	10	0.1
G21	5	<i>Eragrostis falcata</i>	25	0.01
G21	5	<i>Halosarcia pergranulata</i>	35	8
G21	5	* <i>Mesembryanthemum nodiflorum</i>	5	0.01
G21	5	<i>Roycea divaricata</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G22 Location: Lake Deborah West

Location Notes: 100m from East shore (east of "the peninsula")..

Recorder Initials: NC, AH Date: 11/12/94 GPS Lat.: 30.48.829 Long.: 119.06.368

Topography Position: On crest of 180m wide dune, 5m up.

Soils: 0cm - 5YR 6/6 dry orange sand; 22cm slight moisture;

35cm - 2.5 4/8-5/8 different colour (not matched on charts)

50cm - 2.5 4/8 - 5/8 very bright reddish brown, sandy-clay.

Site	Locn.	Species	Ht (cm)	% Cover
G22	5	<i>Aristida contorta</i>	15	0.01
G22	5	<i>Atriplex nana</i>	30	0.1
G22	5	? <i>Brachycome</i> sp. undet.	5	0.01
G22	5	* <i>Carpobrotus</i> ? <i>aequilaterus</i>	5	0.5
G22	5	<i>Eragrostis falcata</i>	5	0.01
G22	5	* <i>Medicago minima</i>	5	0.01
G22	5	<i>Plantago drummondii</i>	10	0.01
G22	5	<i>Podolepis capillaris</i>	10	0.01
G22	5	<i>Roycea divaricata</i>	40	12
G22	5	<i>Senecio lautus</i> ?ssp. <i>maritimus</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G23 Location: Lake Deborah West

Location Notes: East shore (east of "the peninsula"). Recorder Initials: NC,AH

Date: 11/12/94 GPS Lat.: 30.48.874 Long.: 119.06.480

Topography Position: Rear of main dune 150m from shore.

Soils: 0cm - 5YR 5/6 - 5/8 bright reddish brown dry sandy-silt

25-50cm - 5YR 5/6 - 5/8 silt

Site	Locn.		Species	Ht (cm)	% Cover
G23	5	*	<i>Aira cupaniana</i>	5	0.01
G23	5		<i>Aristida contorta</i>	10	0.01
G23	5		<i>Atriplex nana</i>	40	8
G23	5		<i>?Brachycome sp. undet.</i>	5	0.01
G23	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G23	5		<i>Cephalopterum drummondii</i>	20	0.01
G23	5		<i>Crassula ?colorata</i>	1	0.01
G23	5		<i>Daucus glochidiatus</i>	2	0.01
G23	5		<i>Eragrostis falcata</i>	5	0.1
G23	5		<i>Euphorbia ?drummondii</i>	1	0.01
G23	5	*	<i>Hordeum sp.</i>	10	10
G23	5	*	<i>Medicago minima</i>	5	0.01
G23	5		<i>Osteocarpum salsuginosum</i>	30	0.01
G23	5		<i>Plantago drummondii</i>	5	0.1
G23	5		<i>Salsola kali</i>	30	0.01
G23	5		<i>Sclerolaena diacantha</i>	15	0.1
G23	5		<i>Sclerolaena obliquicuspis</i>	30	0.01
G23	5		<i>Stipa trichophylla</i>	30	0.01
G23	5+		<i>Hakea preissii</i>	300	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G24 Location: Lake Deborah West/East

Location Notes: Series of small lakes between east & west Lakes. Vermin proof fence crossing.

Recorder Initials: NC,AH Date: 11/12/94. GPS Lat.: 30.40.472 Long.: 119.15.056

Topography Position: 3m high sand bank around minor lake.

Soils: 0cm - 5YR 6/6 orange sandy-silt, some shining grains at surface

50cm - 5YR 6/6 - 6/8 orange moist sand, moisture comes in at 20cm.

Site	Locn.	Species	Ht (cm)	% Cover
G24	5	<i>Eucalyptus salicola</i>	1500	8
G24	5	<i>Exocarpos aphyllus</i>	300	0.01
G24	5	<i>Gunniopsis quadrifida</i>	20	0.01
G24	5	<i>Lomandra effusa</i>	50	0.01
G24	5+	<i>Atriplex nummularia</i>	30	0.01
G24	5+	<i>Atriplex stipitata</i>	30	0.01
G24	5+	* <i>Brassica tournefortii</i>	45	0.01
G24	5+	<i>Callitris glaucophylla</i>	500	0.5
G24	5+	<i>Dodonaea viscosa ssp. angustissima</i>	200	0.01
G24	5+	<i>Eremophila miniata</i>	300	0.01
G24	5+	<i>Eremophila ?paisleyi</i>	200	0.01
G24	5+	<i>Hakea preissii</i>	200	0.01
G24	5+	<i>Lepidium ?rotundum</i>	20	0.01
G24	5+	<i>Olearia muelleri</i>	30	0.01
G24	5+	<i>Podotheca ?gnaphalioides</i>	20	0.01
G24	5+	<i>Rhagodia ?drummondii</i>	40	0.01
G24	5+	<i>Sclerolaena diacantha</i>	10	0.01
G24	5+	<i>Stipa elegantissima</i>		0.01
G24	5+	<i>Stipa nitida</i>	50	0.01
G24	5+	<i>Waitzia acuminata</i>	5	0.01
G24	5+	<i>Westringia rigida</i>	40	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G25 Location: Lake Deborah West/East

Location Notes: Series of small lakes between east & west Lakes.

Vermin proof fence crossing.

Recorder Initials: NC,AH Date: 11/12/94. GPS Lat.: 30.40.461 Long.: 119.15.000

Topography Position:

Soils: 0cm - 5YR 7/4-7/6 dull orange to orange sand, white sand surface crust.

15cm - moist; 25-50cm - 5YR 5/6 bright reddish brown clay

Site	Locn.	Species	Ht (cm)	% Cover
G25	5	<i>Atriplex nana</i>	20	0.01
G25	5	* <i>Carpobrotus ?aequilaterus</i>	10	0.01
G25	5	<i>Centrolepis polygina</i>	1	0.5
G25	5	<i>Centrolepis sp. I</i>		0.01
G25	5	<i>Darwinia aff. diosmoides</i>	40	0.01
G25	5	<i>Eragrostis dielsii</i>		0.01
G25	5	<i>Frankenia cinerea/punctata</i>	15	0.1
G25	5	<i>Gnephosis acicularis</i>	5	0.01
G25	5	<i>Gnephosis angianthoides</i>	2	0.01
G25	5	<i>Melaleuca halmaturorum ssp. cymbifolia</i>	300	3
G25	5	<i>Podolepis capillaris</i>	5	0.01
G25	5	<i>Podotheca angustifolia</i>	2	0.01
G25	5	<i>Sclerostegia moniliformis</i>	20-35	0.5

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G26 Location: Lake Deborah West/East

Location Notes: North shore, 5 km east of Gnabberdocking Rock.

Recorder Initials: NC, AH Date: 11/12/94 GPS Lat.: 30.43.219 Long.: 119.07.215

Topography Position: Tributary embankment 50cm above lake channel.

Soils: 0cm - 5YR 6/6-6/8 orange dry sand;

30cm 5YR 6/6-6/8 orange dry sand, very hard, compact

Site	Locn.	Species	Ht (cm)	% Cover
G26	5	<i>Callitris glaucophylla</i>	300	0.5
G26	5	<i>Gnephosis acicularis</i>	5	0.01
G26	5	<i>Lomandra effusa</i>	50	0.01
G26	5	<i>Melaleuca uncinata</i>	400	1
G26	5	<i>Rhagodia ?drummondii</i>	30	0.01
G26	5+	<i>Acacia erinacea</i>	40	0.01
G26	5+	* <i>Aira cupaniana</i>	5	0.01
G26	5+	<i>Atriplex vesicaria</i>	15	0.01
G26	5+	<i>Eragrostis dielsii</i>	2	0.01
G26	5+	<i>Eucalyptus sheathiana</i>		0.1
G26	5+	<i>Gunniopsis quadrifida</i>	30	0.01
G26	5+	<i>Hakea preissii</i>	70	0.01
G26	5+	<i>Hyalosperma glutinosum ssp. glutinosum</i>	5	0.01
G26	5+	<i>Lepidium ?rotundum</i>	15	0.01
G26	5+	<i>Maireana carnosae</i>	2	0.01
G26	5+	<i>Maireana georgei</i>	40	0.01
G26	5+	<i>Maireana suaedifolia</i>	40	0.01
G26	5+	<i>Maireana trichoptera</i>	15	0.01
G26	5+	<i>Melaleuca lateriflora</i>	200	0.01
G26	5+	<i>Melaleuca uncinata</i>	200	0.01
G26	5+	<i>Olearia muelleri</i>	40	0.01
G26	5+	<i>Podotheca angustifolia</i>	5	0.01
G26	5+	<i>Stipa elegantissima</i>		0.01
G26	5+	<i>Stipa nitida</i>	30	0.01
G26	5+	Unidentified	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G200 Location: Lake Altham

Location Notes: South edge of lake on dune (known Priority Flora site)

Recorder Initials: MSG Date 17/11/94 GPS: Lat. 33.24.38 Long. 118.26.07

Topography Position: Middle of flat topped lakeside dune.

Soils: Coarse grey white sand.

Site	Locn.	Species	Ht (cm)	% Cover
G200	5	<i>Acacia acanthoclada</i> ssp. <i>acanthoclada</i>	15	0.01
G200	5	* <i>Aira cupaniana</i>	5	1
G200	5	<i>Alyxia buxifolia</i>	30	0.01
G200	5	? <i>Bossiaea walkeri</i>	160	1
G200	5	<i>Calandrinia melanema</i> m.s.	10	0.01
G200	5	<i>Chamelaucium ciliatum</i> var. (b)	40	0.01
G200	5	<i>Danthonia caespitosa</i>		0.01
G200	5	<i>Dianella revoluta</i> var. <i>brevicaulis</i>	20	0.01
G200	5	<i>Dodonaea viscosa</i> ssp. <i>angustissima</i>	80	2
G200	5	<i>Eucalyptus spathulata</i> ssp. <i>spathulata</i>	600	5
G200	5	<i>Hakea preissii</i>	20	0.01
G200	5	<i>Hyalochlamys globifera</i>	1	0.01
G200	5	<i>Melaleuca lateriflora</i>	600	3
G200	5	Moss	2	0.1
G200	5	<i>Rhagodia drummondii</i>	120	1
G200	5	<i>Santalum acuminatum</i>	500	1
G200	5	<i>Scaevola spinescens</i>	120	0.01
G200	5	<i>Stipa elegantissima</i>	30	0.01
G200	5	<i>Stipa juncifolia</i>	30	0.1
G200	5	<i>Threlkeldia diffusa</i>	20	0.1
G200	5	<i>Thysanotus ?manglesianus</i>	30	0.01
G200	5	* <i>Ursinia anthemoides</i>	15	2
G200	5	* <i>Vulpia bromoides</i>	5	1
G200	5	<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	10	0.01
G200	5+	<i>Carpobrotus ?modestus</i>	5	0.01
G200	5+	<i>Erodium ?cygnorum</i>	4	0.01
G200	5+	<i>Gahnia trifida</i>	40	0.01
G200	5+	<i>Lawrencia diffusa</i>	5	0.01
G200	5+	<i>Lepidium ?rotundum</i>	5	0.01
G200	5+	<i>Melaleuca uncinata</i>	160	0.1
G200	5+	<i>Podolepis capillaris</i>	10	0.01
G200	5+	<i>Podotheca angustifolia</i>	4	0.01
G200	5+	<i>Ptilotus spathulatus</i>	5	0.01
G200	5+	<i>Templetonia sulcata</i>	60	0.01
G200	5+	* <i>Trifolium arvense</i>	6	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G201 Location: Lake Altham

Location Notes: South edge of lake on dune. Recorder Initials: MSG. Date 17/11/94

GPS: Lat. 33.24.38 Long. 118.26.06

Topography Position: Top of dune close to lake edge.

Soils: 0cm - Coarse white sand; 45cm - traces of yellowish sand.

Site	Locn.	Species	Ht (cm)	% Cover
G201	5	<i>Atriplex hymenotheca</i>	50	10
G201	5	<i>Atriplex ?paludosa ssp. cordata</i>	20	4
G201	5	<i>Carpobrotus ?modestus</i>	8	0.1
G201	5	<i>Dianella revoluta var. brevicaulis</i>	30	0.01
G201	5	<i>Eucalyptus kondininensis</i>	3000	2
G201	5	<i>Frankenia ?setosa</i>	20	5
G201	5	<i>Gahnia trifida</i>	30	0.1
G201	5	* <i>Hainardia cylindrica</i>	5	0.01
G201	5	<i>Halosarcia indica ssp. bidens</i>	50	0.1
G201	5	<i>Lawrencia diffusa</i>	5	4
G201	5	<i>Melaleuca halmaturorum ssp. cymbifolia</i>	200	10
G201	5	<i>Melaleuca lateriflora</i>	160	1
G201	5	<i>Rhagodia ?drummondii</i>	30	0.1
G201	5	<i>Sarcocornia blackiana</i>	20	0.1
G201	5	<i>Sarcocornia quinqueflora</i>	20	0.1
G201	5	<i>Scaevola spinescens</i>	100	1
G201	5	<i>Stipa juncifolia</i>	20	0.01
G201	5	<i>Threlkeldia diffusa</i>	15	0.1
G201	5	* <i>Ursinia anthemoides</i>	10	0.01
G201	5+	<i>?Bossiaea walkeri</i>	50	0.01
G201	5+	<i>?Gunnera propinqua</i>	1	0.01
G201	5+	* <i>Mesembryanthemum nodiflorum</i>	3	0.01
G201	5+	<i>Podolepis capillaris</i>	10	0.01
G201	5+	<i>Pogonolepis stricta</i>	4	0.01
G201	5+	<i>Templetonia sulcata</i>	50	0.01
G201	5+	<i>Triglochin mucronata</i>	2	0.01
G201	5+	<i>Waitzia suaveolens var. suaveolens</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G202 Location: Dunn Rock Reserve 36445 (Lake Bennett)

Location Notes: South-east side of lake, furthest dune from lake. Intermediate dunes

inaccessible due to flooding. Recorder Initials: MSG. Date 21/11/94

GPS: Lat. 33.17.06 Long. 119.36.14

Topography Position: Top of dune.

Soils: 0cm - Grey-brown sand; 15cm - calcium like nodules present;

25cm - yellowish tone apparent

Site	Locn.	Species	Ht (cm)	% Cover
G202	5	<i>Acacia erinacea</i>	10	0.1
G202	5	<i>Atriplex stipitata</i>	40	1
G202	5	<i>Danthonia caespitosa</i>	10	0.01
G202	5	<i>Eucalyptus hypochlamydea</i> ssp. "smooth bark"	500	1
G202	5	<i>Eucalyptus kondininensis</i>	500	1
G202	5	<i>Eucalyptus salmonophloia</i>	2000	10
G202	5	<i>Grevillea huegelii</i>	15	0.01
G202	5	<i>Melaleuca lateriflora</i>	160	0.1
G202	5	<i>Olearia muelleri</i>	40	0.5
G202	5	<i>Pittosporum phylliraeoides</i>	40	0.01
G202	5	<i>Santalum acuminatum</i>	200	0.5
G202	5	<i>Templetonia sulcata</i>	40	0.01
G202	5+	<i>Acacia blaxellii</i>	50	0.1
G202	5+	<i>Lepidosperma resinosum</i>	30	0.1
G202	5+	<i>Lomandra effusa</i>	20	0.01
G202	5+	<i>Melaleuca thyoides</i>	400	1
G202	5+	<i>Microcybe multiflora</i> var. <i>baccharoides</i>	50	0.01
G202	5+	<i>Sclerolaena diacantha</i>	4	0.01
G202	5+	<i>Senna artemisioides</i> ssp. <i>artemisioides</i>	40	0.01
G202	5+	<i>Stipa elegantissima</i>	30	0.01
G202	5+	<i>Thysanotus ?tenellus</i>	6	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G203 Location: Ronnerup Lake

Location Notes: Reserve 39422; end of track to lake. Recorder Initials: MSG.

Date 22/11/94 GPS: Lat. 33.15.07 Long. 119.37.07

Topography Position: Low foredune, immediately alongside lake.

Soils: 0cm - Grey sand; 15cm - grey clay.

Site	Locn.	Species	Ht (cm)	% Cover
G203	5	<i>Angianthus tomentosus</i>	8	0.01
G203	5	* <i>Centaurium erythraea</i>	10	0.01
G203	5	<i>Disphyma crassifolium</i>	5	0.1
G203	5	<i>Frankenia sp. 2</i>	4	0.01
G203	5	<i>Sarcocornia quinqueflora</i>	10	1
G203	5+	<i>Centrolepis cephaloformis ssp. cephaloformis</i>	1	0.01
G203	5+	<i>Lawrenzia diffusa</i>	1	0.01
G203	5+	<i>Lawrenzia squamata</i>	4	0.01
G203	5+	<i>Pseudognaphalim luteo-album</i>	5	0.01
G203	5+	? <i>Stipa sp.</i>	3	0.01
G203	5+	<i>Triglochin mucronata</i>	2	0.01
G203	5+	<i>Vellereophyton dealbatum</i>	1	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G204 Location: Ronnerup Lake.

Location Notes: Reserve 39422. Recorder Initials: MSG. Date 22/11/94

GPS: Lat. 33.15.09 Long. 119.37.09

Topography Position: Top of second dune - 30m east of G203.

Soils: White/grey sand.

Site	Locn.		Species	Ht (cm)	% Cover
G204	5		<i>Acacia latipes</i>	100	0.1
G204	5		<i>Acacia microbotrya</i>	300	10
G204	5	*	<i>Aira cupaniana</i>	5	0.1
G204	5		<i>Atriplex paludosa</i> var. <i>baudinii</i>	40	0.01
G204	5		? <i>Bossiaea walkeri</i>	60	0.01
G204	5		<i>Danthonia caespitosa</i>	5	0.1
G204	5		<i>Lepidosperma tenue</i>	50	40
G204	5		<i>Neurachne alopecuroidea</i>	2	0.1
G204	5	*	<i>Oxalis</i> sp.	3	0.01
G204	5		<i>Podolepis capillaris</i>	20	0.1
G204	5		<i>Podotheca angustifolia</i>	2	0.01
G204	5		<i>Quinetia urvillei</i>	3	0.01
G204	5		<i>Rhagodia crassifolia</i>	40	0.01
G204	5		<i>Santalum acuminatum</i>	250	0.1
G204	5		<i>Stackhousia muricata</i>	15	0.01
G204	5		<i>Stipa elegantissima</i>	20	0.01
G204	5		<i>Stipa juncifolia</i>	60	2
G204	5		<i>Vittadinia gracilis</i>	20	0.01
G204	5		<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	5	0.01
G204	5+		<i>Lomandra effusa</i>	30	0.01
G204	5+		<i>Patersonia occidentalis</i>	15	0.01
G204	5+		<i>Ptilotus polystachyus</i> ?var. <i>polystachyus</i>	30	0.01
G204	5+		<i>Rhagodia crassifolia</i>	40	0.01
G204	5+		<i>Senecio quadridentatus</i>	40	0.01
G204	5+		<i>Thebymitra</i> ? <i>macrophylla</i>	20	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G205 Location: Ronnerup Lake

Location Notes: Reserve 39422. Recorder Initials: MSG. Date 22/11/94

GPS: Lat. 33.15.07 Long. 119.37.15

Topography Position: Top of third dune, 90m east of G203.

Soils: 0cm - Grey sandy-clay. (gypsum?); 20cm - yellowish tone present (gypsum?)

Site	Locn.		Species	Ht (cm)	% Cover
G205	5	*	<i>Aira cupaniana</i>	2	0.01
G205	5		<i>Asteridea athrioides</i>	2	0.01
G205	5		<i>Atriplex paludosa</i> var. <i>baudinii</i>	40	2
G205	5		<i>Calandrinia ?polyandra</i>	15	0.01
G205	5		<i>Danthonia caespitosa</i>	10	1
G205	5		<i>Disphyma crassifolium</i>	4	0.01
G205	5		<i>Lawrencina squamata</i>	15	1
G205	5		<i>Maireana erioclada</i>	15	0.1
G205	5		<i>Millotia major</i>	2	0.01
G205	5		<i>Pittosporum phylliraeoides</i>	30	0.01
G205	5		<i>Plantago ?debilis</i>	2	0.01
G205	5		<i>Podolepis capillaris</i>	10	0.01
G205	5		<i>Pogonolepis stricta</i>	2	0.01
G205	5	*	<i>Trifolium arvense</i>	2	0.01
G205	5	*	<i>Trifolium tomentosum</i>	2	0.1
G205	5		<i>Trisetaria cristata</i>	2	0.01
G205	5		<i>Vittadinia gracilis</i>	8	0.01
G205	5+		<i>Angianthus tomentosus</i>	4	0.01
G205	5+		<i>Exocarpos aphyllus</i>	50	0.01
G205	5+		<i>Frankenia</i> sp. 2	3	0.01
G205	5+		<i>Lomandra effusa</i>	30	0.01
G205	5+	*	<i>Oxalis</i> sp.	5	0.01
G205	5+		<i>Stipa elegantissima</i>	15	0.01
G205	5+		<i>Stipa juncifolia</i>	40	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G206 Location: Ronnerup Lake

Location Notes: Reserve 39422. Recorder Initials: MSG. Date 22/11/94

GPS: Lat. 33.15.12 Long. 119.37.21

Topography Position: Top of fourth dune, 310m east of G203.

Soils: 0cm - Brown sand; 40cm - red/brown sand.

Site	Locn.	Species	Ht (cm)	% Cover
G206	5	<i>Acacia microbotrya</i>	200	0.1
G206	5	* <i>Aira cupaniana</i>	4	0.01
G206	5	? <i>Brachycome</i> sp. 2	2	0.01
G206	5	<i>Calytrix tetragona</i>	40	0.01
G206	5	<i>Centrolepis strigosa</i> ssp. <i>rupestris</i>	1	0.01
G206	5	<i>Lepidobolus preissianus</i>	10	0.01
G206	5	<i>Lepidosperma resinosum</i>	40	10
G206	5	<i>Lepidosperma viscidum</i>	25	5
G206	5	<i>Lobelia winfridae</i>	3	0.01
G206	5	<i>Lomandra effusa</i>	40	0.01
G206	5	<i>Millotia tenuifolia</i> var. <i>tenuifolia</i>	1	0.01
G206	5	<i>Neurachne alopecuroidea</i>	2	20
G206	5	<i>Olearia revoluta</i>	60	1
G206	5	<i>Podolepis capillaris</i>	10	0.01
G206	5	<i>Podothea angustifolia</i>	1	0.01
G206	5	<i>Santalum acuminatum</i>	200	0.01
G206	5	<i>Schoenus sculptus</i>	1	0.01
G206	5	<i>Waitzia acuminata</i>	6	0.1
G206	5+	<i>Acacia cyclops</i>	500	0.1
G206	5+	<i>Dianella revoluta</i> var. <i>brevicaulis</i>	50	0.01
G206	5+	<i>Eucalyptus kondininensis</i>	2500	0.01
G206	5+	<i>Eucalyptus salmonophloia</i>	2500	1
G206	5+	<i>Pittosporum phylliraeoides</i>	200	0.01
G206	5+	<i>Rhagodia crassifolia</i>	50	0.01
G206	5+	<i>Senna artemisioides</i> ssp. <i>artemisioides</i>	120	0.01
G206	5+	<i>Stipa elegantissima</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G207 Location: Ronnerup Lake

Location Notes: Reserve 39422. Recorder Initials: MSG. Date 22/11/94

GPS: Lat. 33.15.10 Long. 119.37.29

Topography Position: Top of fifth dune, 580m east of G203.

Soils: 0cm - Brown sand; 40cm - orange tone present.

Site	Locn.	Species	Ht (cm)	% Cover
G207	5	<i>Acacia cyclops</i>	500	0.1
G207	5	<i>Acacia microbotrya</i>	600	0.01
G207	5	* <i>Aira cupaniana</i>	5	0.1
G207	5	<i>Allocasuarina huegeliana</i>	350	0.01
G207	5	<i>Clematis delicata</i> (ms)	40	0.01
G207	5	<i>Eucalyptus salmonophloia</i>	3500	10
G207	5	* <i>Hypochaeris glabra</i>	2	0.01
G207	5	<i>Lepidobolus preissianus</i>	5	0.01
G207	5	<i>Lepidosperma viscidum</i>	30	2
G207	5	<i>Lobelia winfridae</i>	5	0.01
G207	5	<i>Lomandra effusa</i>	30	0.01
G207	5	<i>Millotia tenuifolia</i> var. <i>tenuifolia</i>	2	0.01
G207	5	<i>Neurachne alopecuroidea</i>	3	0.1
G207	5	<i>Olearia revoluta</i>	60	6
G207	5	<i>Pittosporum phylliraeoides</i>	350	0.1
G207	5	<i>Podolepis capillaris</i>	10	0.01
G207	5	<i>Podotheca angustifolia</i>	1	0.01
G207	5	<i>Santalum acuminatum</i>	300	0.1
G207	5	<i>Thysanotus ?manglesianus</i>	20	0.01
G207	5	* <i>Vulpia bromoides</i>	5	0.1
G207	5	<i>Waitzia acuminata</i>	5	0.01
G207	5	<i>Waitzia ?suaeveolens</i> var. <i>flava</i>	2	0.01
G207	5+	<i>Alyxia buxifolia</i>	60	0.01
G207	5+	<i>Calytrix oldfieldii</i>	40	0.01
G207	5+	<i>Lepidosperma tenue</i>	40	0.01
G207	5+	<i>Ptilotus polystachyus</i> ?var. <i>polystachyus</i>	5	0.01
G207	5+	<i>Rhagodia preissii</i> ssp. <i>preissii</i>	40	0.01
G207	5+	<i>Verticordia eriocephala</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G208 Location: Lake King

Location Notes: Reserve 39422; island dune 500m into lake from SE shoreline.

Recorder Initials: MSG. Date 22/11/94

GPS: Lat. 33.12.02 Long. 119.36.46

Topography Position: Top of dune.

Soils: 0cm - Brown sandy loam; 40cm - brown clay.

Comments: History of severe rabbit infestation on dune

Site	Locn.		Species	Ht (cm)	% Cover
G208	5	*	<i>Aira cupaniana</i>	3	1
G208	5		<i>Atriplex paludosa</i> var. <i>baudinii</i>	60	50
G208	5		<i>Crassula</i> sp. 1	3	0.01
G208	5		<i>Danthonia caespitosa</i>	4	15
G208	5		<i>Enchylaena tomentosa</i>	20	0.01
G208	5		<i>Lomandra effusa</i>	20	0.01
G208	5		<i>Podolepis tepperi</i>	2	0.01
G208	5	*	<i>Trifolium tomentosum</i>	1	0.01
G208	5		<i>Trisetaria cristata</i>	2	0.1
G208	5+		<i>Dodonaea viscosa</i> ssp. <i>angustissima</i>	40	0.01
G208	5+		<i>Hakea preissii</i>	60	0.01
G208	5+		<i>Pittosporum phylliraeoides</i>	50	0.01
G208	5+		<i>Stipa juncifolia</i>	60	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G209 Location: Lake King

Location Notes: Reserve 39422; dune south-east margin of lake.

Recorder Initials: MSG. Date 22/11/94

GPS: Lat. 33.12.19 Long. 119.36.56

Topography Position: Top of dune.

Soils: Cream sandy - gypsum

Site	Locn.		Species	Ht (cm)	% Cover
G209	5	*	<i>Aira cupaniana</i>	4	0.01
G209	5		<i>Alyxia buxifolia</i>	150	0.01
G209	5		<i>Dianella revoluta</i> var. <i>brevicaulis</i>	40	0.01
G209	5		<i>Enchylaena tomentosa</i>	30	0.01
G209	5	*	<i>Hypochaeris glabra</i>	4	0.01
G209	5		<i>Lepidosperma tenue</i>	30	50
G209	5		<i>Lomandra effusa</i>	30	0.01
G209	5		<i>Olearia revoluta</i>	60	1
G209	5		<i>Omphalolappula concava</i>	3	0.01
G209	5		<i>Podotheca angustifolia</i>	1	0.01
G209	5		<i>Scaevola spinescens</i>	60	0.01
G209	5		<i>Sclerostegia moniliformis</i>	40	0.01
G209	5		<i>Stipa drummondii</i>	5	0.01
G209	5		<i>Thelymitra ?macrophylla</i>	30	0.01
G209	5		<i>Trisetaria cristata</i>	3	0.01
G209	5	*	<i>Vulpia bromoides</i>	4	0.1
G209	5+		<i>Asteridea chaetopoda</i>	2	0.01
G209	5+		<i>Disphyma crassifolium</i>	4	0.01
G209	5+		<i>Dodonaea viscosa</i> ssp. <i>angustissima</i>	90	0.01
G209	5+		<i>Eucalyptus</i> aff. <i>quadrans</i>	250	1
G209	5+		<i>Hakea preissii</i>	210	0.01
G209	5+		<i>Lepidium ?rotundum</i>	10	0.01
G209	5+		<i>Pittosporum phylliraeoides</i>	300	0.01
G209	5+		<i>Santalum acuminatum</i>	250	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G210 Location: Lake Ace

Location Notes: Reserve 34522; dune at east side of main lake.

Recorder Initials: MSG. Date 23/11/94

GPS: Lat. 33.00.09 Long. 119..46.05

Topography Position: Top of dune.

Soils: Light brown sandy clay.

Site	Locn.	Species	Ht (cm)	% Cover
G210	5	<i>Asteridea athrixoides</i>	5	0.01
G210	5	<i>Atriplex paludosa</i> ssp. ?cordata	40	20
G210	5	<i>Calandrinia</i> ?polyandra	15	0.01
G210	5	<i>Carpobrotus</i> ?modestus	5	0.01
G210	5	<i>Danthonia caespitosa</i>	10	10
G210	5	<i>Disphyma crassifolium</i>	5	0.01
G210	5	<i>Erymophyllum tenellum</i>	8	0.01
G210	5	<i>Eucalyptus kondininensis</i>	2000	2
G210	5	<i>Halosarcia doleiformis</i>	30	10
G210	5	<i>Halosarcia indica</i> ssp. <i>bidens</i>	30	5
G210	5	<i>Hyalosperma glutinosum</i> ssp. <i>glutinosum</i>	4	0.1
G210	5	<i>Lawrenzia squamata</i>	10	0.1
G210	5	<i>Podolepis capillaris</i>	10	0.01
G210	5	<i>Pogonolepis stricta</i>	2	0.01
G210	5	<i>Stipa elegantissima</i>	40	0.01
G210	5	* <i>Trifolium tomentosum</i>	2	0.01
G210	5+	<i>Billardiera lehmanniana</i>	40	0.01
G210	5+	<i>Melaleuca halmaturorum</i> ssp. <i>cymbifolia</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G211 Location: Lake Ace

Location Notes: Reserve 39422; east side of lake. Recorder Initials: MSG.

Date: 23/11/94 GPS: Lat. 33.00.13 Long. 119.46.12

Topography Position: Top of outer dune.

Soils: Yellowish sandy gypsum.

Site	Locn.		Species	Ht (cm)	% Cover
G211	5		<i>Atriplex paludosa</i> ssp. ? <i>cordata</i>	20	1
G211	5		<i>Danthonia caespitosa</i>	20	0.01
G211	5		<i>Erymophyllum tenellum</i>	5	0.01
G211	5	*	<i>Hainardia cylindrica</i>	2	0.01
G211	5		<i>Halosarcia ?doleiformis</i>	10	1
G211	5		<i>Hyalosperma glutinosum</i> ssp. <i>glutinosum</i>	6	0.1
G211	5		<i>Lawrencia squamata</i>	10	1
G211	5		<i>Plantago debilis</i>	2	0.01
G211	5		<i>Scaevola spinescens</i>	60	0.1
G211	5		<i>Vittadinia gracilis</i>	10	0.01
G211	5	*	<i>Vulpia bromoides</i>	10	0.1
G211	5+		<i>Billardiera lehmanniana</i>	60	0.01
G211	5+		<i>Danthonia caespitosa</i>	6	0.1
G211	5+		<i>Melaleuca halmaturorum</i> ssp. <i>cymbifolia</i>	300	1
G211	5+		<i>Podolepis capillaris</i>	10	0.01
G211	5+		<i>Ptilotus ?eriotrichus</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G212 Location: Lake Camm

Location Notes: Low dune south-east edge of lake; 280m north of current mining.

Recorder Initials: MSG. Date 24/11/94

GPS: Lat. 32.58.52 Long. 119.33.37

Topography Position: Top of low dune.

Soils: 0cm - Grey-white gypsum; 45cm - white seed gypsum.

Site	Locn.		Species	Ht (cm)	% Cover
G212	5	*	<i>Aira cupaniana</i>	4	0.01
G212	5		<i>Atriplex paludosa</i> ssp. ? <i>cordata</i>	40	0.1
G212	5		<i>Calandrinia</i> ? <i>polyandra</i>	10	0.01
G212	5		<i>Carpobrotus</i> ? <i>modestus</i>	6	0.01
G212	5		<i>Crassula</i> ? <i>sieberiana</i>	1	0.01
G212	5		<i>Darwinia</i> aff. <i>diosmoides</i>	50	1
G212	5		<i>Disphyma crassifolium</i>	5	0.01
G212	5		<i>Kippistia suaedifolia</i>	10	0.1
G212	5		<i>Leucopogon</i> aff. <i>insularis</i>	50	0.01
G212	5		<i>Lomandra effusa</i>	40	0.01
G212	5		<i>Maireana oppositifolia</i>	40	20
G212	5		<i>Melaleuca halmaturorum</i> ssp. <i>cymbifolia</i>	100	3
G212	5	*	<i>Mesembryanthemum nodiflorum</i>	3	0.01
G212	5		<i>Podolepis capillaris</i>	8	0.01
G212	5		<i>Scaevola collaris</i>		0.01
G212	5		<i>Scaevola spinescens</i>	100	1
G212	5		<i>Sclerostegia moniliformis</i>	40	20
G212	5		<i>Senecio lautus</i> ssp. <i>maritimus</i>	8	0.01
G212	5		? <i>Stipa</i> sp.	5	0.01
G212	5		<i>Trisetaria cristata</i>	5	0.1
G212	5	*	<i>Vulpia bromoides</i>	6	1
G212	5+		<i>Asteridea chaetopoda</i>	4	0.01
G212	5+		<i>Billardiera lehmanniana</i>	20	0.01
G212	5+		<i>Frankenia cinerea/punctata</i>	8	0.01
G212	5+	*	<i>Hainardia cylindrica</i>	4	0.01
G212	5+		<i>Lawrencia squamata</i>	10	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G213 Location: Lake Pallarup

Location Notes: South-east outer dune (known DRF site)

Recorder Initials: MSG. Date 24/11/94

GPS: Lat. 33.14.29 Long. 119.45.46

Topography Position: Low slope to north-west of main dune.

Soils: White grey sand. Comments: Area grazed by rabbits

Site	Locn.		Species	Ht (cm)	% Cover
G213	5	*	<i>Aira cupaniana</i>	5	0.01
G213	5		<i>Carpobrotus ?modestus</i>	5	0.01
G213	5		<i>Danthonia caespitosa</i>	8	0.01
G213	5		<i>Disphyma crassifolium</i>	5	0.01
G213	5		<i>Eremophila subteretifolia</i>	15	0.1
G213	5		<i>Eucalyptus kondininensis</i>	2500	8
G213	5		<i>Lepidosperma resinosum</i>	40	4
G213	5		<i>Lepidosperma tenue</i>	30	1
G213	5		<i>Lomandra effusa</i>	40	0.01
G213	5		<i>Maireana erioclada</i>	20	0.1
G213	5		<i>Podolepis capillaris</i>	8	0.01
G213	5		<i>Rhagodia crassifolia</i>	30	0.1
G213	5		<i>Stipa ?juncifolia</i>	30	0.01
G213	5	*	<i>Vulpia bromoides</i>	6	5
G213	5+		<i>Atriplex paludosa</i> var. <i>baudinii</i>	60	0.01
G213	5+		<i>Dodonaea lobulata</i>	150	0.1
G213	5+		<i>Eucalyptus flocktoniae</i>	2000	4
G213	5+		<i>Melaleuca thyoides</i>	300	2
G213	5+	*	<i>Mesembryanthemum nodiflorum</i>	2	0.01
G213	5+		<i>Olearia muelleri</i>	50	0.1
G213	5+		<i>Westringia dampieri</i>	15	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G214 Location: Lake Pallarup

Location Notes: Reserve 29860 - North-west of G213, centre of lunette dune,
South-east side of lake. Recorder Initials: MSG. Date 24/11/94

GPS: Lat. 33.14.23 Long. 119.45.40

Topography Position: Slight hollow in centre of lunette dune.

Soils: granular grey/white gypsum.

Site	Locn.		Species	Ht (cm)	% Cover
G214	5		<i>Asteridea chaetopoda</i>	5	0.01
G214	5		<i>Carpobrotus ?modestus</i>	5	0.01
G214	5		<i>Crassula sp. 1</i>	2	0.1
G214	5		<i>Danthonia ?caespitosa</i>	15	0.01
G214	5		<i>Darwinia aff. diosmoides</i>	50	15
G214	5		<i>Disphyma crassifolium</i>	4	0.01
G214	5		<i>Kippistia suaedifolia</i>	5	0.1
G214	5		<i>Leucopogon aff. insularis</i>	40	0.01
G214	5		<i>Maireana oppositifolia</i>	30	2
G214	5		<i>Stipa juncifolia</i>	50	20
G214	5	*	<i>Vulpia bromoides</i>	4	0.1
G214	5		<i>Waitzia ?suaeveolens var. flava</i>	4	0.01
G214	5+		<i>Alyxia buxifolia</i>	200	0.01
G214	5+		<i>Calytrix tetragona</i>	30	0.1
G214	5+		<i>Comesperma volubile</i>	50	0.01
G214	5+		<i>Halosarcia pergranulata</i>	20	0.1
G214	5+		<i>Lobelia winfridae</i>	3	0.01
G214	5+		<i>Podothea angustifolia</i>	1	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G215 Location: Lake King

Location Notes: Reserve 39422; south end of Greens gypsum lease.

Recorder Initials: MSG. Date 27/11/94

GPS: Lat. 33.05.33 Long. 119.35.25

Topography Position: Western mid-slope of dune.

Soils: 0cm - Grey white gypsum; 5cm - changing to brown, then progressively paler to 50cm.

Site	Locn.	Species	Ht (cm)	% Cover
G215	5	? <i>Apiaceae</i> sp.	5	0.01
G215	5	<i>Asteridea chaetopoda</i>	3	0.01
G215	5	<i>Calandrinia</i> ? <i>polyandra</i>	20	0.01
G215	5	<i>Callitris glaucophylla</i>	160	0.1
G215	5	<i>Carpobrotus</i> ? <i>modestus</i>	6	0.01
G215	5	<i>Danthonia caespitosa</i>	20	0.01
G215	5	<i>Darwinia</i> aff. <i>diosmoides</i>	20	0.5
G215	5	<i>Exocarpos aphyllus</i>	60	0.01
G215	5	<i>Frankenia cinerea/punctata</i>	10	0.1
G215	5	<i>Hemichroa diandra</i>	6	0.01
G215	5	<i>Kippistia suaedifolia</i>	10	0.01
G215	5	<i>Lawrencia squamata</i>	20	0.1
G215	5	<i>Leucopogon</i> aff. <i>insularis</i>	20	0.1
G215	5	<i>Maireana oppositifolia</i>	20	0.1
G215	5	<i>Melaleuca halmaturorum</i> ssp. <i>cymbifolia</i>	50	3
G215	5	<i>Pimelea halophila</i>	10	0.01
G215	5	<i>Sclerostegia moniliformis</i>	50	2
G215	5+	<i>Haegiela tatei</i>	3	0.01
G215	5+	? <i>Hydrocotyle hexaptera</i>	1	0.01
G215	5+	<i>Lomandra effusa</i>	40	0.01
G215	5+	<i>Scaevola spinescens</i>	30	0.01
G215	5+	<i>Trichanthodium exilis</i>	5	0.01
G215	5+	* <i>Vulpia bromoides</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G216 Location: Lake King

Location Notes: Reserve 39422; prominent island dune, east side of lake, south of highway, partly mined. Recorder Initials: MSG. Date 22/11/94

GPS: Lat. 33.12.19 Long. 119.36.56

Topography Position: Top of dune.

Soils: powdery white gypsum. Comments: Grazed by rabbits

Site	Locn.		Species	Ht (cm)	% Cover
G216	5		<i>Atriplex paludosa</i> ssp. ? <i>cordata</i>	40	20
G216	5	*	? <i>Avena</i> sp.	20	0.01
G216	5		<i>Callitris glaucophylla</i>	800	30
G216	5		<i>Crassula</i> sp. 1	2	0.01
G216	5		<i>Danthonia caespitosa</i>	15	0.01
G216	5		<i>Rhagodia crassifolia</i>	40	0.01
G216	5		<i>Sclerostegia moniliformis</i>	40	0.1
G216	5		<i>Stipa drummondii</i>	40	0.01
G216	5		<i>Threlkeldia diffusa</i>	10	0.01
G216	5	*	<i>Vulpia bromoides</i>	5	10
G216	5+		<i>Exocarpos aphyllus</i>	200	0.01
G216	5+		<i>Pittosporum phylliraeoides</i>	200	0.01
G216	5+		<i>Stipa elegantissima</i>	30	0.01
G216	5+		<i>Vittadinia gracilis</i>	15	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G217 Location: Lake Milarup.

Location Notes: Reserve 39422; outer vegetated dune, south-east side of lake.

Recorder Initials: MSG. Date 27/11/94.

GPS: Lat. 33.11.24 Long. 119.40.33

Topography Position: North-west upper slope of dune.

Soils: White sand.

Site	Locn.	Species	Ht (cm)	% Cover
G217	5	<i>Acacia erinacea</i>	40	1
G217	5	<i>Asteridea chaetopoda</i>	1	0.01
G217	5	<i>Carpobrotus ?modestus</i>	5	0.01
G217	5	<i>Conostephium roei</i>	50	0.1
G217	5	<i>Danthonia caespitosa</i>	10	0.01
G217	5	<i>Darwinia aff. diosmoides</i>	50	1
G217	5	<i>Dianella revoluta var. brevicaulis</i>	30	1
G217	5	<i>Melaleuca halmaturorum ssp. cymbifolia</i>	300	9
G217	5	<i>Melaleuca hamulosa</i>	300	40
G217	5	<i>Rhagodia ?drummondii</i>	40	0.01
G217	5+	* <i>Aira cupaniana</i>	5	0.01
G217	5+	<i>Disphyma crassifolium</i>	5	0.01
G217	5+	<i>Lomandra rupestris</i>	10	0.01
G217	5+	<i>Melaleuca thyoides</i>	200	2
G217	5+	<i>Santalum acuminatum</i>	100	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G218 Location: Lake Milarup.

Location Notes: Low dune 50m west of G217. Recorder Initials: MSG. Date 28/11/94.
GPS: Lat. 33.11.25 Long. 119.40.30

Topography Position: Top of low dune.

Soils: 0cm - White gypsum; 45cm - change to grey sand.

Site	Locn.	Species	Ht (cm)	% Cover
G218	5	<i>Halosarcia halocnemoides ssp. caudata</i>	15	30

Site No. G219 Location: Lake Milarup.

Location Notes: Dune 300m North-west of G218. Recorder Initials: MSG. Date 28/11/94.
GPS: Lat. 33.11.18 Long. 119.40.17

Topography Position: Top of dune.

Soils: Light brown sand with crystallized gypsum gradually darkening to grey/brown with depth

Site	Locn.	Species	Ht (cm)	% Cover
G219	5	<i>Asteraceae sp. 2</i>	6	0.01
G219	5	<i>Atriplex hymenotheca</i>	20	0.1
G219	5	<i>Billardiera lehmanniana</i>	20	0.01
G219	5	<i>Brachycome ciliaris</i>	8	0.01
G219	5	<i>Callitris glaucophylla</i>	400	5
G219	5	<i>Carpobrotus ?modestus</i>	6	0.1
G219	5	<i>Comesperma volubile</i>	40	0.01
G219	5	<i>Crassula sp. 1</i>	1	0.01
G219	5	<i>Danthonia caespitosa</i>	10	0.01
G219	5	<i>Disphyma crassifolium</i>	5	0.01
G219	5	<i>Frankenia ?setosa</i>	5	0.01
G219	5	<i>Frankenia cinerea/punctata</i>	10	0.1
G219	5	* <i>Hainardia cylindrica</i>	5	0.01
G219	5	<i>Kippistia suaedifolia</i>	10	0.01
G219	5	<i>Leucopogon aff. insularis</i>	50	1
G219	5	<i>Scaevola spinescens</i>	40	0.01
G219	5	<i>Sclerostegia moniliformis</i>	20	1
G219	5	<i>Stipa juncifolia</i>	60	2

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G220 Location: Lake Milarup.

Location Notes: East side of lake. Recorder Initials: MSG. Date 29/11/94.

GPS: Lat. 33.11.03 Long. 119.40.39

Topography Position: Lake edge dune - mid slope.

Soils: 0cm - Grey/brown sand; 15cm - change to light brown.

Site	Locn.	Species	Ht (cm)	% Cover
G220	5	<i>Acacia erinacea</i>	50	0.5
G220	5	* <i>Aira cupaniana</i>	4	0.01
G220	5	<i>Asteraceae sp. 2</i>	10	0.01
G220	5	<i>Carpobrotus ?modestus</i>	5	0.01
G220	5	<i>Chamelaucium ciliatum var. (b)</i>	50	1
G220	5	<i>Conostephium roei</i>	50	0.5
G220	5	<i>Disphyma crassifolium</i>	5	0.01
G220	5	<i>Eragrostis dielsii</i>	1	0.01
G220	5	<i>Eremophila serpens</i>	4	20
G220	5	<i>Eremophila subteretifolia</i>	10	0.01
G220	5	<i>Lepidosperma tenue</i>	20	10
G220	5	<i>Lepidosperma viscidum</i>	20	5
G220	5	<i>Lomandra effusa</i>	30	0.01
G220	5	<i>Olearia revoluta</i>	50	0.1
G220	5	<i>Podolepis capillaris</i>	10	0.01
G220	5	<i>Podotheca angustifolia</i>	1	0.01
G220	5	<i>Rhagodia drummondii</i>	30	0.1
G220	5	<i>Stipa juncifolia</i>	40	0.1
G220	5	<i>Triglochin centrocarpa</i>	3	0.01
G220	5	* <i>Ursinia anthemoides</i>	5	0.01
G220	5+	<i>Atriplex paludosa ssp. ?cordata</i>	30	0.01
G220	5+	<i>Dodonaea viscosa ssp. angustissima</i>	200	0.01
G220	5+	<i>Exocarpos aphyllus</i>	60	0.01
G220	5+	<i>Frankenia sp. 2</i>	20	0.01
G220	5+	<i>Hakea preissii</i>	100	0.01
G220	5+	<i>Lawrencia squamata</i>	15	0.01
G220	5+	<i>Melaleuca halmaturorum ssp. cymbifolia</i>	100	0.01
G220	5+	<i>Pittosporum phylliraeoides</i>	150	0.01
G220	5+	<i>Sclerostegia moniliformis</i>	30	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G221 Location: Lake King

Location Notes: Reserve 39422; west edge of lake; 1.7 km north of highway.

Recorder Initials: MSG. Date 29/11/94

GPS: Lat. 33.04.45 Long. 119.33.13

Topography Position: Top of small dune; extreme west edge of lake

Soils: 0cm - grey sand; 35cm - grey sandy-loam; 45cm - grey sandy-clay

Site	Locn.	Species	Ht (cm)	% Cover
G221	5	* <i>Aira cupaniana</i>	3	0.01
G221	5	<i>Asteridea chaetopoda</i>	1	0.1
G221	5	<i>Calandrinia primuliflora</i>	3	0.01
G221	5	<i>Carpobrotus ?modestus</i>	5	0.01
G221	5	<i>Centrolepis strigosa ssp. rupestris</i>	1	0.01
G221	5	<i>Conostephium roei</i>	50	0.1
G221	5	<i>Crassula ?sieberiana</i>	1	0.01
G221	5	<i>Danthonia caespitosa</i>	20	0.01
G221	5	<i>Darwinia aff. diosmoides</i>	30	0.1
G221	5	<i>Disphyma crassifolium</i>	3	0.1
G221	5	<i>Frankenia sp. 2</i>	20	0.01
G221	5	<i>Halosarcia lylei</i>	30	0.01
G221	5	<i>Leucopogon aff. insularis</i>	40	0.1
G221	5	<i>Melaleuca thyoides</i>	100	10
G221	5	<i>Stylidium pulviniforme</i>	1	0.01
G221	5+	<i>Centrolepis cephaloformis</i>	1	0.01
G221	5+	<i>Halosarcia halocnemoides</i>	30	0.1
G221	5+	<i>Halosarcia sp.</i>	1	0.01
G221	5+	<i>Stipa elegantissima</i>	20	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G222 Location: Lake Biddy.

Location Notes: Reserve 17617; east side of lake.

Recorder Initials: MSG. Date 29/11/94.

GPS: Lat. 33.01.08 Long. 119.57.03

Topography Position: Top of dune.

Soils: 0cm - Grey clay-loam; 25cm - mottled grey-white clay.

Site	Locn.	Species	Ht (cm)	% Cover
G222	5	<i>Asteraceae sp. 2</i>	3	4
G222	5	<i>Atriplex paludosa</i> var. <i>baudinii</i>	50	60
G222	5	* <i>Avena sp.</i>	50	0.1
G222	5	<i>Bromus arenarius</i>	15	1
G222	5	<i>Carpobrotus ?modestus</i>	15	0.01
G222	5	<i>Crassula sp. 1</i>	1	0.01
G222	5	<i>Enchylaena tomentosa</i>	15	0.01
G222	5	<i>Eucalyptus kondininensis</i>	2000	4
G222	5	* <i>Medicago minima</i>	3	5
G222	5	* <i>Vulpia bromoides</i>	7	40
G222	5+	* <i>Hainardia cylindrica</i>	3	0.01
G222	5+	<i>Halosarcia pergranulata</i> ssp. ?	20	0.01
G222	5+	<i>Melaleuca lateriflora</i>	300	1
G222	5+	* <i>Mesembryanthemum nodiflorum</i>	5	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G223 Location: Lake Magenta.

Location Notes: Reserve 25113; large dune 1km east of reserve intersection B3.1

Recorder Initials: MSG. Date 01/12/94.

GPS: Lat. 33.29.41 Long. 119.09.15

Topography Position: Top of dune.

Soils: 0cm - Light brown sandy gypsum, gradually paler with depth;

48cm - "seed" gypsum.

Site	Locn.	Species	Ht (cm)	% Cover
G223	5	<i>Brachycome ciliaris</i>	5	0.01
G223	5	<i>Calandrinia ?polyandra</i>	20	0.01
G223	5	<i>Crassula ?sieberiana</i>	3	0.01
G223	5	<i>Danthonia caespitosa</i>	20	1
G223	5	<i>Disphyma crassifolium</i>	5	1
G223	5	<i>Erodium ?cygnorum</i>	1	0.01
G223	5	<i>Frankenia sp. 2</i>	20	0.5
G223	5	* <i>Hypochaeris glabra</i>	4	0.01
G223	5	<i>Lawrenzia squamata</i>	10	0.01
G223	5	<i>Melaleuca hamulosa</i>	400	1
G223	5	<i>Millotia major</i>	1	0.01
G223	5	<i>Sclerostegia moniliformis</i>	40	1
G223	5	* <i>Vulpia bromoides</i>	10	1
G223	5+	<i>Carpobrotus ?modestus</i>	8	0.1
G223	5+	<i>?Enchylaena tomentosa</i>	50	0.01
G223	5+	* <i>Sonchus oleraceus</i>	10	0.01
G223	5+	<i>Stipa drummondii</i>	10	0.01
G223	5+	<i>Stipa elegantissima</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G224 Location: Lake Magenta.

Location Notes: Reserve 25113; small dune in middle of lake; 1.19 km east of G223;
north side of track; 30m north. of benchmark HT82.

Recorder Initials: MSG. Date 01/12/94.

GPS: Lat. 33.29.42 Long. 119.10.02

Topography Position: Middle of low dune.

Soils: 0cm - grey-brown; sandy-gypsum; 20cm - distinct change to red-brown,
then paler with depth; 45cm - distinct change to white.

Site	Locn.	Species	Ht (cm)	% Cover
G224	5	<i>Asteridea chaetopoda</i>	2	0.01
G224	5	<i>Frankenia</i> sp. 2	10	0.1
G224	5	<i>Maireana oppositifolia</i>	10	0.1
G224	5	<i>Sclerostegia moniliformis</i>	30	20
G224	5+	* <i>Hainardia cylindrica</i>	8	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G225 Location: Lake Cobham

Location Notes: VCL - south-east side, approx. 50m into lake on low dunes

Recorder Initials: MSG Date: 2/12/94

GPS: Lat. 33.27.32 Long. 119.17.10

Topography Position: Top of low dune

Soils: 0cm - light brown gypsum; 40cm - narrow band of "seed" gypsum

Site	Locn.	Species	Ht (cm)	% Cover
G225	5	<i>Asteridea chaetopoda</i>	2	0.01
G225	5	<i>Frankenia sp. 2</i>	10	1
G225	5	<i>?Maireana oppositifolia</i>	10	0.1
G225	5	<i>Sclerostegia moniliformis</i>	30	25
G225	5+	* <i>Hainardia cylindrica</i>	8	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G226 Location: VCL East of Reserve 25113

Location Notes: Two adjacent small lakes, 2.4km west of intersection of
Magenta Rd and Reserve Rd.

Recorder Initials: MSG Date: 2/12/94

GPS: Lat. 33.34.47 Long. 119.13.41

Topography Position: Top of eastern lake edge dune

Soils: grey sandy-clay

Comments: Not grazed by livestock despite appearance in photo.

Site is apparently natural and undisturbed

Site	Locn.	Species	Ht (cm)	% Cover
G226	5	? <i>Chenopodiaceae</i> sp.	1	5
G226	5	<i>Danthonia caespitosa</i>	1	45
G226	5	<i>Lawrenzia squamata</i>	20	2
G226	5	<i>Maireana marginata</i>	3	0.01
G226	5	<i>Podolepis rugosa</i>	10	0.01
G226	5	<i>Senecio lautus</i> ssp. <i>maritimus</i>	4	0.01
G226	5+	<i>Asteridea chaetopoda</i>	3	0.01
G226	5+	<i>Atriplex paludosa</i> ssp. ? <i>cordata</i>	20	0.01
G226	5+	<i>Halosarcia syncarpa</i>	30	0.01
G226	5+	<i>Halosarcia</i> aff. <i>syncarpa</i>	30	0.1
G226	5+	<i>Scaevola spinescens</i>	40	0.01
G226	5+	<i>Stipa juncifolia</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G227 Location: Lake Grace South. Reserve 28395

Location Notes: Long lunette dune, 400m west from east shore; 820m south
of illegal gypsum pit. Recorder Initials: MSG Date 20/12/94

GPS: Lat. 33.19.09 Long. 118.26.25

Topography Position: Top of dune

Soils: Grey-white gypsum

Site	Locn.	Species	Ht (cm)	% Cover
G227	5	<i>Atriplex paludosa</i> ssp. ?cordata	30	0.1
G227	5	<i>Billardiera lehmanniana</i>	60	0.1
G227	5	<i>Calytrix tetragona</i>	50	0.01
G227	5	<i>Carpobrotus</i> ?modestus	20	0.1
G227	5	?Chenopodiaceae sp.	8	0.01
G227	5	<i>Crassula</i> sp. 1	2	0.01
G227	5	<i>Danthonia</i> sp.	15	0.01
G227	5	<i>Darwinia</i> aff. diosmoides	60	2
G227	5	<i>Frankenia cinerea/punctata</i>	20	0.01
G227	5	<i>Halosarcia indica</i> ssp. bidens	50	0.01
G227	5	<i>Kippistia suaedifolia</i>	10	2
G227	5	<i>Lawrenzia squamata</i>	20	20
G227	5	<i>Maireana oppositifolia</i>	40	0.01
G227	5	<i>Rhagodia drummondii</i>	40	0.01
G227	5	<i>Sclerostegia moniliformis</i>	30	0.1
G227	5	<i>Stipa elegantissima</i>	60	0.01
G227	5	<i>Stipa juncifolia</i>	60	2
G227	5	* <i>Trifolium</i> sp. ?	5	0.01
G227	5	* <i>Vulpia bromoides</i>	8	0.1
G227	5+	<i>Alyxia buxifolia</i>	50	0.01
G227	5+	<i>Asteridea chaetopoda</i>	5	0.01
G227	5+	<i>Calandrinia</i> ?polyandra	20	0.01
G227	5+	<i>Dianella revoluta</i> var. brevicaulis	30	0.01
G227	5+	* <i>Hainardia cylindrica</i>	5	0.01
G227	5+	<i>Melaleuca halmaturorum</i> ssp. cymbifolia	90	0.01
G227	5+	* <i>Mesembryanthemum nodiflorum</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G228 Location: Lake Grace North - VCL

Location Notes: North end of island dune east side of lake, 3km south of highway

Recorder Initials: MSG Date 21/12/94

GPS: Lat. 33.08.25 Long. 118.22.44

Topography Position: Top of dune

Soils: Brown sandy-clay

Site	Locn.		Species	Ht (cm)	% Cover
G228	5	*	<i>Aira cupaniana</i>	10	0.1
G228	5		<i>Asteraceae sp. 2</i>	10	0.01
G228	5		<i>Atriplex paludosa var. baudinii</i>	40	30
G228	5	*	<i>Avena sp.</i>	20	10
G228	5		<i>Bromus arenarius</i>	20	0.01
G228	5		<i>Cotula bipinnata</i>	4	0.01
G228	5		<i>Danthonia caespitosa</i>	20	0.01
G228	5		<i>Helminthotheca echiodes</i>	30	0.01
G228	5	*	<i>Hypochaeris glabra</i>	5	0.01
G228	5	*	<i>Mesembryanthemum nodiflorum</i>	2	0.01
G228	5		<i>Pogonolepis stricta</i>	3	1
G228	5		<i>Senecio lautus ssp. maritimus</i>	10	0.01
G228	5		<i>Stipa elegantissima</i>	30	0.01
G228	5	*	<i>Trifolium arvense</i>	10	2
G228	5	*	<i>Trifolium tomentosum</i>	10	0.01
G228	5+		<i>Halosarcia pergranulata</i>	40	0.01
G228	5+		<i>Halosarcia syncarpa</i>	40	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G229 Location: Lake Grace North - VCL

Location Notes: Island dune, east side of lake, 9km south of highway

Recorder Initials: MSG Date 21/12/94

GPS: Lat. 33.11.23 Long. 118.22.37

Topography Position: Centre of dune; north end

Soils: 0cm - grey sand; 50cm - grey clay

Comments: No gypsum evident in dune systems, however crystalline gypsum flakes obvious on base lakebed areas.

Site	Locn.	Species	Ht (cm)	% Cover
G229	5	<i>Acacia microbotrya</i>	200	0.1
G229	5	<i>Actinostrobos pyramidalis</i>	200	1
G229	5	* <i>Aira cupaniana</i>	10	0.01
G229	5	<i>Atriplex paludosa</i> ssp. ? <i>cordata</i>	40	1
G229	5	<i>Billardiera lehmanniana</i>	150	0.01
G229	5	<i>Calandrinia</i> sp. 2	1	0.01
G229	5	<i>Carpobrotus</i> ? <i>modestus</i>	8	1
G229	5	<i>Crassula</i> sp. 1	2	0.01
G229	5	<i>Darwinia</i> aff. <i>diosmoides</i>	50	0.01
G229	5	<i>Disphyma crassifolium</i>	5	0.1
G229	5	<i>Enchylaena tomentosa</i>	10	0.01
G229	5	<i>Frankenia</i> ? <i>setosa</i>	10	0.01
G229	5	<i>Frankenia</i> sp. 4	20	0.01
G229	5	<i>Lepidium</i> ? <i>rotundum</i>	5	0.01
G229	5	<i>Leucopogon</i> aff. <i>insularis</i>	15	0.01
G229	5	<i>Lomandra effusa</i>	60	0.01
G229	5	<i>Maireana oppositifolia</i>	20	0.1
G229	5	<i>Melaleuca hamulosa</i>	250	1
G229	5	<i>Sclerostegia moniliformis</i>	40	0.01
G229	5	<i>Senecio</i> ? <i>lautus</i> ssp. <i>dissectifolius</i>	30	0.01
G229	5	<i>Stipa elegantissima</i>	30	0.01
G229	5	<i>Stipa juncifolia</i>	60	1
G229	5+	<i>Halosarcia</i> sp.	50	0.1
G229	5+	<i>Sclerostegia moniliformis</i>	40	5

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G230 Location: Lake Grace North Reserve 28395

Location Notes: Wooded dune, east side.

Recorder Initials: MSG Date 21/12/94

GPS: Lat. 33.11.22 Long. 118.23.20

Topography Position: Top of wooded dune and east of Melaleuca fringe

Soils: light brown sand

Site	Locn.	Species	Ht (cm)	% Cover
G230	5	* <i>Aira cupaniana</i>	10	0.01
G230	5	? <i>Bossiaea walkeri</i>	100	0.1
G230	5	<i>Danthonia caespitosa</i>	5	0.01
G230	5	<i>Eucalyptus ?incrassata</i>	1500	50
G230	5	<i>Eucalyptus kondininensis</i>	1500	10
G230	5	<i>Olearia revoluta</i>	100	9
G230	5	<i>Podotheca angustifolia</i>	1	0.01
G230	5	<i>Rhagodia preissii</i> ssp. <i>preissii</i>	20	0.01
G230	5+	<i>Acacia microbotrya</i>	300	0.01
G230	5+	<i>Pittosporum phylliraeoides</i>	200	0.01
G230	5+	<i>Santalum acuminatum</i>	250	0.01

Site No. G231 Location: Lake Grace North Reserve 28395

Location Notes: Low dune, eastern edge of lake

Recorder Initials: KRW Date 18/01/95

GPS: Lat. 33.11.15 Long. 118.23.12

Topography Position: Top of dune

Soils: 0cm - brown-grey clay with coarse sand; 40cm - brown sandy-clay

Site	Locn.	Species	Ht (cm)	% Cover
G231	5	* <i>Aira cupaniana</i>	2	1
G231	5	<i>Asteraceae</i> sp. <i>undet.</i>	4	1
G231	5	<i>Atriplex hymenotheca</i>	30	1
G231	5	? <i>Brachycome</i> sp. 2	10	2
G231	5	<i>Centrolepis ?polygyna</i>	2	2
G231	5	<i>Crassula ?sieberiana</i>	2	1
G231	5	<i>Danthonia ?caespitosa</i>	10	5
G231	5	<i>Frankenia</i> sp. 2	10	10
G231	5	<i>Halosarcia halocnemoides</i> ssp. <i>nov</i>	40	1
G231	5	* <i>Hordeum</i> sp.	30	1
G231	5	<i>Melaleuca thyoides</i>	200	10
G231	5	<i>Sclerostegia moniliformis</i>	30	1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G232 Location: Lake Grace North Reserve 28395

Location Notes: Dune south-east corner of lake

Recorder Initials: KRW Date 18/01/95

GPS: Lat. 33.13.48 Long. 118.21.48

Topography Position: Lower slope; east side of dune

Soils: 0cm - white-grey sand; 40cm - brown sandy-clay

Site	Locn.		Species	Ht (cm)	% Cover
G232	5	*	<i>Aira cupaniana</i>	2	30
G232	5		<i>Argyrolottis turbinata</i>	20	0.1
G232	5		<i>Atriplex ?paludosa ssp. cordata</i>	20	3
G232	5		<i>Carpobrotus ?modestus</i>	4	3
G232	5		<i>Centrolepis strigosa ssp. rupestris</i>	2	20
G232	5		<i>Conostephium roei</i>	30	1
G232	5		<i>Crassula sp. 1</i>	3	3
G232	5		<i>Danthonia caespitosa</i>	10	1
G232	5		<i>Disphyma crassifolium</i>	10	2
G232	5		<i>Frankenia sp. 4</i>	10	2
G232	5		<i>Lepidium ?rotundum</i>	2	0.1
G232	5		<i>Melaleuca halmaturorum ssp. cymbifolia</i>	400	1
G232	5		<i>Melaleuca thyoides</i>	200	5
G232	5		<i>Podolepis capillaris</i>	3	3
G232	5		<i>Podotheca angustifolia</i>	1	0.1
G232	5		<i>Rhagodia drummondii</i>	5	1
G232	5		<i>Santalum acuminatum</i>	150	1
G232	5		<i>Senecio lautus ssp. maritimus</i>	10	1
G232	5		<i>Stipa juncifolia</i>	20	2
G232	5	*	<i>Ursinia anthemoides</i>	10	0.1
G232	5	*	<i>Vulpia bromoides</i>	2	3

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G233 Location: Nature Reserve 27289

Location Notes: South-east side of lake on adjoining VCL; 1.4km north of south boundary

Recorder Initials: KRW Date 19/01/95

GPS: Lat. 33.35.53 Long. 118.29.04

Topography Position: Lower slope of lake edge dune

Soils: 0cm - brown sandy-loam; 5cm - white clay

Site	Locn.	Species	Ht (cm)	% Cover
G233	5	* <i>Aira cupaniana</i>	3	2
G233	5	<i>Bromus arenarius</i>	8	0.1
G233	5	<i>Disphyma crassifolium</i>	2	10
G233	5	<i>Eucalyptus</i> aff. <i>quadrans</i>	400	5
G233	5	* <i>Hainardia cylindrica</i>	3	20
G233	5	<i>Maireana oppositifolia</i>	50	10
G233	5	<i>Melaleuca lanceolata</i>	400	30
G233	5	<i>Rhagodia ?drummondii</i>	30	1
G233	5	<i>Stipa elegantissima</i>	40	0.1
G233	5	<i>Stipa pycnostachya</i>	20	1
G233	5	<i>Threlkeldia diffusa</i>	5	1
G233	5	<i>Thysanotus ?manglesianus</i>	30	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G234 Location: Nature Reserve 27289

Location Notes: approx 800m north of G234. Recorder Initials: KRW Date 19/01/95

GPS: Lat. 33.35.28 Long. 118.29.30

Topography Position: Top of dune

Soils: 0cm - white-grey sandy clay; 30cm - light brown sandy-clay; 50cm - grey sandy clay

Site	Locn.	Species	Ht (cm)	% Cover
G234	5	<i>Atriplex stipitata</i>	30	20
G234	5	<i>Disphyma crassifolium</i>	4	4
G234	5	* <i>Hainardia cylindrica</i>	7	30
G234	5	<i>Halosarcia syncarpa</i>	40	40
G234	5	* <i>Hypochaeris glabra</i>	3	1
G234	5	<i>Maireana oppositifolia</i>	30	40
G234	5	<i>Trisetaria cristata</i>	5	30
G234	5	* <i>Vulpia bromoides</i>	8	1
G234	5+	<i>Exocarpos aphyllus</i>	150	1
G234	5+	<i>Melaleuca halmaturorum ssp. cymbifolia</i>	200	90
G234	5+	<i>Melaleuca thyoides</i>	200	1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G235 Location: Nature Reserve 27289

Location Notes: approx 50m east of G233 Recorder Initials: KRW Date 19/01/95

GPS: Lat. 33.35.53 Long. 118.29.08

Topography Position: Top of dune

Soils: white sand

Site	Locn.	Species	Ht (cm)	% Cover
G235	5	<i>Actinostrobilus pyramidalis</i>	400	5
G235	5	* <i>Aira cupaniana</i>	4	1
G235	5	<i>Eucalyptus ?incrassata</i>	1000	30
G235	5	<i>Gnephosis tenuissima</i>	2	6
G235	5	<i>Lepidobolus preissianus</i>	20	2
G235	5	<i>Lepidosperma resinosum</i>	30	0.1
G235	5	<i>Lepidosperma tenue</i>	30	1
G235	5	<i>Leptospermum erubescens</i>	300	10
G235	5	<i>Levenhookia ?leptantha</i>	4	0.1
G235	5	<i>Melaleuca lanceolata</i>	150	15
G235	5	<i>Stipa elegantissima</i>	40	3
G235	5	<i>Stipa juncifolia</i>	7	0.1
G235	5	<i>Stipa ?juncifolia</i>	30	0.1
G235	5	<i>Stylidium repens</i>	2	1
G235	5	* <i>Ursinia anthemoides</i>	4	5
G235	5	* <i>Vulpia bromoides</i>	7	1
G235	5+	<i>Carpobrotus ?modestus</i>	3	1
G235	5+	<i>Santalum acuminatum</i>	300	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G236 Location: Lake Joy

Location Notes: VCL - south-east side of lake, 20m east of boundary fence

Recorder Initials: KRW Date 20/01/95

GPS: Lat. 33.36.14 Long. 118.31.24

Topography Position: Top of small dune in salt flat

Soils: 0cm - grey sandy-clay; 40cm - light brown clay

Site	Locn.	Species	Ht (cm)	% Cover
G236	5	<i>Danthonia caespitosa</i>	50	15
G236	5	<i>Disphyma crassifolium</i>	4	4
G236	5	<i>Frankenia tetrapetala</i>	15	2
G236	5	<i>Lawrenzia squamata</i>	30	2
G236	5	<i>Maireana trichoptera</i>	2	1
G236	5	? <i>Pogonolepis stricta</i>	1	40
G236	5	<i>Sclerostegia moniliformis</i>	50	10
G236	5	* <i>Sonchus oleraceus</i>	30	1

Site No. G237 Location: Lake Joy

Location Notes: VCL - approx 10m west of G236

Recorder Initials: KRW Date: 20/01/95

GPS: Lat. 33.36.13 Long. 118.31.24

Topography Position: Saline flat alongside small dune

Soils: white, grey sand

Comments: Previous heavy grazing (sheep, rabbits and roos)

Site	Locn.	Species	Ht (cm)	% Cover
G237	5	<i>Acacia saligna</i>	250	0.1
G237	5	* <i>Aira cupaniana</i>	3	15
G237	5	<i>Billardiera lehmanniana</i>	30	2
G237	5	<i>Carpobrotus ?modestus</i>	4	2
G237	5	<i>Lepidobolus preissianus</i>	8	10
G237	5	<i>Lepidosperma tenue</i>	60	70
G237	5	<i>Thysanotus ?tenellus</i>	30	0.1
G237	5	* <i>Vulpia bromoides</i>	3	80
G237	5	<i>Waitzia acuminata</i>	5	80
G237	5+	<i>Santalum acuminatum</i>	200	2
G237	5+	<i>Westringia rigida</i>	20	20

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G238 Location: Lake Lockhart

Location Notes: VCL - Dune on east side of lake Recorder Initials: MSG

Date: 25/01/95 GPS: Lat. 33.15.41 Long. 119.03.30

Topography Position: Top of dune

Soils: Light grey gypsum

Comments: Heavy grazing by rabbits in past

Site	Locn.	Species	Ht (cm)	% Cover
G238	5	* <i>Aira cupaniana</i>	5	2
G238	5	<i>Atriplex paludosa</i> ssp. ? <i>cordata</i>	50	1
G238	5	<i>Danthonia caespitosa</i>	30	1
G238	5	<i>Exocarpos aphyllus</i>	150	0.1
G238	5	<i>Frankenia tetrapetala</i>	10	1
G238	5	<i>Halosarcia</i> sp.	50	1
G238	5	<i>Melaleuca hamulosa</i>	150-600	4
G238	5	<i>Pittosporum phylliraeoides</i>	50	0.01
G238	5	<i>Rhagodia crassifolia</i>	80	0.1
G238	5	<i>Stipa elegantissima</i>	80	0.01
G238	5	? <i>Urospermum picroides</i>	40	0.01
G238	5	* <i>Vulpia bromoides</i>	8	0.1
G238	5+	* <i>Brassica tournefortii</i>	40	0.01
G238	5+	<i>Hakea preissii</i>	50	1
G238	5+	* <i>Hypochaeris glabra</i>	5	0.01
G238	5+	<i>Lomandra effusa</i>	40	0.01
G238	5+	<i>Scaevola spinescens</i>	60	0.01
G238	5+	<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	8	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G239 Location: Lake Lockhart

Location Notes: VCL - approx 200m north-north-east of G238

Recorder Initials: MSG Date 25/01/95

GPS: Lat. 33.15.36 Long. 119.03.35

Topography Position: Western mid-slope of dune

Soils: 0cm - mottled white/brown sandy gypsum;

45cm - crystalline gypsum flakes present;

50cm - band of "seed" gypsum and crystalline flakes

Site	Locn.	Species	Ht (cm)	% Cover
G239	5	<i>Danthonia caespitosa</i>	30	0.01
G239	5	<i>Frankenia tetrapetala</i>	10	0.01
G239	5	<i>Maireana oppositifolia</i>	30	1
G239	5	<i>Melaleuca thyoides</i>	600	10
G239	5	<i>Pittosporum phylliraeoides</i>	250	1
G239	5	<i>Rhagodia crassifolia</i>	50	0.1
G239	5	<i>Sclerostegia moniliformis</i>	50	20
G239	5	<i>Stipa elegantissima</i>	50	0.01
G239	5	<i>Stipa trichophylla</i>	40	0.01
G239	5	<i>Threlkeldia diffusa</i>	30	0.1
G239	5	<i>Trisetaria cristata</i>	4	0.01
G239	5	* <i>Vulpia bromoides</i>	6	0.1
G239	5+	* <i>Aira cupaniana</i>	4	1
G239	5+	<i>Asteridea chaetopoda</i>	2	0.1
G239	5+	<i>Atriplex stipitata</i>	60	1
G239	5+	<i>Calandrinia ?polyandra</i>	15	0.01
G239	5+	<i>Centaurea melitensis</i>	25	0.01
G239	5+	<i>Crassula sp. 1</i>	2	0.01
G239	5+	<i>Gnephosis tenuissima</i>	3	0.1
G239	5+	<i>Podolepis capillaris</i>	8	0.01
G239	5+	<i>Siloxerus pygmaeus</i>	1	0.01
G239	5+	<i>Thysanotus ?manglesianus</i>	20	0.01
G239	5+	* <i>Trifolium tomentosum</i>	2	0.01
G239	5+	<i>?Urospermum picroides</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G240 Location: Lake Lockhart

Location Notes: VCL - Low dune, east edge of small lake, north-east tip
of Lake Lockhart Recorder Initials: MSG Date 25/01/95

GPS: Lat. 33.14.26 Long. 119.03.39

Topography Position: Top of dune

Soils: 0cm - light brown gypsum; 30cm - pale nodules present

Site	Locn.	Species	Ht (cm)	% Cover
G240	5	* <i>Avena sp.</i>	20	1
G240	5	<i>Calandrinia ?polyandra</i>	15	2
G240	5	<i>Disphyma crassifolium</i>	3	0.1
G240	5	<i>Halosarcia syncarpa</i>	30	20
G240	5	<i>Maireana oppositifolia</i>	45	30
G240	5	* <i>Vulpia bromoides</i>	6	40
G240	5+	<i>Asteridea chaetopoda</i>	4	0.01
G240	5+	<i>Atriplex paludosa</i>	40	5
G240	5+	<i>Erymophyllum glossanthus</i>	3	0.01
G240	5+	<i>Haegiela tatei</i>	2	0.01
G240	5+	* <i>Hainardia cylindrica</i>	5	0.1
G240	5+	<i>Halosarcia ?halocnemoides ssp. caudata</i>	30	0.1
G240	5+	* <i>Hypochaeris glabra</i>	3	0.01
G240	5+	* <i>Mesembryanthemum nodiflorum</i>	2	0.01
G240	5+	* <i>Trifolium arvense</i>	4	0.01
G240	5+	* <i>Trifolium tomentosum</i>	2	1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G241 Location: Lake Pingrup

Location Notes: Private Property Locn. 9772 - East side of lake, fenced into Nature Reserve 28395. Recorder Initials: KRW Date: 27/01/95

GPS: Lat. 33.26.23 Long. 118.29.37

Topography Position: Top of dune

Soils: Grey gypsum Comments: heavily grazed by rabbits

Site	Locn.	Species	Ht (cm)	% Cover
G241	5	<i>Atriplex paludosa ?ssp. cordata</i>	70	30
G241	5	* <i>Avena sp.</i>	30	60
G241	5	<i>Enchylaena tomentosa</i>	50	1
G241	5	<i>Halosarcia syncarpa</i>	50	10
G241	5	* <i>Trifolium arvense</i>	4	20

Site No. G242 Location: Lake Pingrup

Location Notes: Reserve 28395 - East side of lake, east boundary of reserve

Recorder Initials: KRW Date 27/01/95

GPS: Lat. 33.26.10 Long. 118.29.32

Topography Position: Top of dune

Soils: 0cm - grey gypsum; 45-80cm - very light powdery gypsum, possibly with cavities

Site	Locn.	Species	Ht (cm)	% Cover
G242	5	<i>Atriplex paludosa ?ssp. cordata</i>	50	60
G242	5	* <i>Avena sp.</i>	50	1
G242	5	<i>Cotula bipinnata</i>	10	70
G242	5	<i>Enchylaena tomentosa</i>	40	2
G242	5	<i>Halosarcia syncarpa</i>	50	20
G242	5	* <i>Mesembryanthemum nodiflorum</i>	2	0.1
G242	5	<i>Stipa juncifolia</i>	5	40
G242	5	* <i>Vulpia bromoides</i>	5	10

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G400 Location: Lake Kurrenkutten

Location Notes: Mid south-east of lake bed. Recorder Initials: NC, MG

Date: 15/11/94 GPS Lat.: UTM50 601686 Long.: J6429538

Topography Position: 50cm high and 400m wide dune in lake centre.

Soils: Gypsum compact through profile

Colour: 0cm - 10YR 7/2 grey orange; 50cm - 10YR 7/2 pale greyish orange

Comments: This lake has been grazed in the past.

Site	Locn.	Species	Ht (cm)	% Cover
G400	5	<i>Atriplex paludosa</i> var. <i>baudinii</i>	50	0.01
G400	5	<i>Atriplex spongiosa</i>	5	0.01
G400	5	* <i>Avena</i> sp.	70	0.01
G400	5	* <i>Brassica tournefortii</i>	30	0.01
G400	5	<i>Cotula bipinnata</i>	5	0.01
G400	5	<i>Halosarcia doleiformis</i>	40	5
G400	5	<i>Halosarcia pergranulata</i>	40	45
G400	5	<i>Halosarcia syncarpa</i>	30	2
G400	5	* <i>Hordeum</i> sp.	10	20
G400	5	<i>Maireana brevifolia</i>	20	0.01
G400	5	* <i>Mesembryanthemum nodiflorum</i>	10	1.5
G400	5	<i>Puccinellia stricta</i>	10	0.01
G400	5	* <i>Romulea rosea</i>	5	0.01
G400	5	<i>Senecio lautus</i> ssp. <i>maritimus</i>	40	0.01
G400	5	* <i>Spergularia ?diandra</i>	5	0.01
G400	5	* <i>Ursinia anthemoides</i>	30	0.01
G400	5+	<i>Lawrencina squamata</i>	40	0.01
G400	5+	* <i>Sonchus oleraceus</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G401 **Location: Lake Kurrenkutten**

Location Notes: South-east lake bed Recorder Initials: NC, MG Date: 15/11/94

Date: 15/11/94 GPS Lat. 32 15.990 Long. 118 05.022

Topography Position: 1-2m high, 30m wide dune middle of east verge of lake.

Soils: Gypsum, grey, loose friable.

Colour: 0cm - 10YR 7/2 pale greyish orange.

50cm - 10YR 7/2 pale greyish orange

Site	Locn.	Species	Ht (cm)	% Cover
G401	5	<i>Atriplex spongiosa</i>	10	0.1
G401	5	* <i>Avena sp.</i>		0.01
G401	5	<i>Bromus arenarius</i>	5	0.01
G401	5	<i>Halosarcia pergranulata</i>	40	10
G401	5	* <i>Phalaris canariensis</i>	30	0.1
G401	5	<i>Puccinellia ?stricta</i>	5	0.01
G401	5	<i>Senecio lautus ssp. maritimus</i>	40	0.01
G401	5	* <i>Ursinia anthemoides</i>	15	1
G401	5+	<i>Atriplex paludosa var. baudinii</i>	10	0.01

Site No: G402 **Location: Lake Kurrenkutten**

Location Notes: 200m west of fringing south-eastern dune. Recorder Initials: NC, MG

Date: 15/11/94 GPS Lat. 32 16.042 Long. 118 05.213

Topography Position: Last lake bed dune fringing samphire flat on east edge.

Soils: Gypsiferous grey, pale, fluffy friable.

Colour: 0cm - 10YR 7/2 pale greyish orange; fluffy;

50cm - 10YR 7/2 pale greyish orange; plastic, sticky.

Site	Locn.	Species	Ht (cm)	% Cover
G402	5	<i>Atriplex spongiosa</i>	20	5
G402	5	<i>Halosarcia doleiformis</i>	30	0.01
G402	5	<i>Halosarcia syncarpa</i>	35	10
G402	5	<i>Menkea ?sphaerocarpa</i>	5	0.01
G402	5	<i>Poaceae sp.</i>	20	0.01
G402	5	<i>Puccinellia stricta</i>	5	5
G402	5	* <i>Spergularia ?diandra</i>	5	0.01
G402	5	* <i>Ursinia anthemoides</i>	20	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G403 Location: Lake Kurrenkutten

Location Notes: Area immediately adjacent to main south-east dune.

Recorder Initials: NC, MG Date: 15/11/94 GPS Lat. 32 16.065 Long. 118 05.281

Topography Position: Old lake bed 40m wide strip.

Soils: Layers - Cracking gypsum, hard, compacted. High sand content, pale yellow.

At 40cm change of layer to purer? less sand more duff.

Soils: Colour - 0cm - 10YR 7/2 pale greyish orange. 50cm - 10YR 7/2 pale greyish orange

Site	Locn.	Species	Ht (cm)	% Cover
G403	5	<i>Halosarcia doleiformis</i>	30	30
G403	5	* <i>Hordeum sp.</i>	30	0.01
G403	5	* <i>Lolium perenne</i>	35	0.01
G403	5	* <i>Sonchus oleraceus</i>	30	0.01
G403	5+ E	<i>Atriplex paludosa var. baudinii</i>		0.01
G403	5+ E	<i>Disphyma crassifolium</i>	10	0.1
G403	5+ E	<i>Halosarcia syncarpa</i>		0.1
G403	5+ E	* <i>Mesembryanthemum ?nodiflorum</i>		0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G404 Location: Lake Kurrenkutten

Location Notes: South-east edge of lake Recorder Initials: NC, MG Date: 15/11/94

GPS Lat. 32 16.119 Long. 118 05.329

Topography Position: 3m high dune crest, 30m wide.

Soils: Layer - Sandy (gypsum) loam, >35cm pale strata, with gypsum at 45cm?

Colour - 0cm - 10YR 6/2 pale yellowish brown. 50cm - 10YR 7/2 pale greyish orange

Comments: This dune has been grazed in the past.

Site	Locn.	Species	Ht (cm)	% Cover
G404	5	<i>Atriplex stipitata</i>	80	20
G404	5	* <i>Brassica tournefortii</i>		0.01
G404	5	<i>Bromus arenarius</i>	10	20
G404	5	<i>Disphyma crassifolium</i>	5	0.01
G404	5	<i>Enchylaena tomentosa</i>	30	0.01
G404	5	<i>Eucalyptus myriadena</i>	800	1.5
G404	5	<i>Lycium australe</i>	100	0.01
G404	5	* <i>Medicago minima</i>	5	0.01
G404	5	* <i>Mesembryanthemum nodiflorum</i>	5	2
G404	5	<i>Pogonolepis stricta</i>	5	0.01
G404	5	<i>Sclerolaena diacantha</i>	20	0.01
G404	5+	<i>Acacia nyssophylla</i>	300	0.01
G404	5+	<i>Atriplex spongiosa</i>	5	0.01
G404	5+	<i>Blennospora phlegmatocarpa</i>	2	0.01
G404	5+	<i>Cotula bipinnata</i>	5	0.1
G404	5+	<i>Crassula ?colorata</i>	2	0.01
G404	5+	<i>Erodium cygnorum</i>	5	0.01
G404	5+	<i>Halosarcia indica ssp. bidens</i>	80	0.01
G404	5+	<i>Rhagodia drummondii</i>	50	<0.01
G404	5+	* <i>Vulpia bromoides</i>	5	1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G405 Location: Lake Kurrenkutten

Location Notes: South-east of lake Recorder Initials: NC, MG Date: 15/11/94

GPS Lat. 32 16.099 Long. 118 05.315

Topography Position: Low 2-3m rear dune 150m wide. 200m south-east of first dune across samphire flat.

Soils: Layers - Caramel sandy silt (loam), 0-10cm mainly clay,
> 10cm lighter, loamier structure; 30cm traces of white clay, or calcium nodules; 50cm a yellow clay/calcium layer.

Colours - 0cm - 10YR 5/4 yellowish brown. 50cm - 10YR 7/2 pale greyish orange

Site	Locn.		Species	Ht (cm)	% Cover
G405	5		<i>Acacia nyssophylla</i>	150	0.01
G405	5	*	<i>Aira cupaniana</i>	4	0.01
G405	5		<i>Atriplex stipitata</i>	80	30
G405	5		<i>Cotula bipinnata</i>	2	10
G405	5		<i>Crassula ?colorata</i>	5	0.01
G405	5		<i>?Disphyma crassifolium</i>	10	0.1
G405	5		<i>Eucalyptus myriadena</i>	1000	18
G405	5		<i>Halosarcia pergranulata</i>	20	0.01
G405	5		<i>Lycium australe</i>	90	0.01
G405	5	*	<i>Medicago polymorpha</i>	5	0.01
G405	5		<i>Melaleuca sp.</i>	200	0.01
G405	5	*	<i>Mesembryanthemum nodiflorum</i>	4	0.5
G405	5		<i>Moss</i>	1	1
G405	5		<i>Stipa elegantissima</i>	60	0.01
G405	5	*	<i>Vulpia bromoides</i>	5	0.01
G405	5		<i>Waitzia acuminata</i>	2	10
G405	5+		<i>Enchylaena tomentosa</i>	100	0.01
G405	5+		<i>Maireana trichoptera</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G406 Location: Lake Kurrenkutten

Location Notes: North-west shore of lake. Recorder Initials: NC, MG

Date: 16/11/94 GPS Lat. 32 14.246 Long. 118 04.295

Topography Position: 30cm above lakebed and 15m from edge, zone >30m wide.

Soils: Layers - Surface-grey brown coarse sand, rocky blowouts with coarse silica and sand.

15cm grey sandy clay. 30cm grey yellow clay with coarse sand through it.

45cm red brown nodules (Fe?) in hard grey clay.

Colour - 0cm - 10YR 6/2 pale yellowish brown. 50cm - 10YR 7/2 pale greyish orange.

Site	Locn.	Species	Ht (cm)	% Cover
G406	5	<i>Brachycome</i> sp.	20	0.01
G406	5	<i>Bromus arenarius</i>	20	0.01
G406	5	* <i>Carpobrotus ?aequilaterus</i>	5	0.1
G406	5	<i>Centrolepis</i> sp. 2	1	0.01
G406	5	<i>Eucalyptus myriadena</i>	800	0.01
G406	5	<i>Gunniopsis propinqua</i>	1	0.01
G406	5	<i>Halosarcia pergranulata</i>	30	50
G406	5	<i>Melaleuca</i> sp.	400	1.0
G406	5	* <i>Mesembryanthemum nodiflorum</i>	3	0.1
G406	5	<i>Monerma cylindrica</i>	20	1
G406	5	<i>Puccinellia stricta</i>	40	0.01
G406	5	* <i>Sonchus oleraceus</i>	20	0.01
G406	5	<i>Triglochin mucronata</i>	10	0.1
G406	5	* <i>Vulpia bromoides</i>	10	0.01
G406	5+	<i>Actinobole uliginosum</i>	1	0.01
G406	5+	* <i>Aira cupaniana</i>	5	0.01
G406	5+	<i>Crassula</i> sp. 1	1	0.01
G406	5+	<i>Frankenia</i> sp. 4	15	0.01
G406	5+	<i>Halosarcia indica</i> ssp. <i>bidens</i>		0.01
G406	5+	<i>Halosarcia lepidosperma</i>	30	0.01
G406	5+	<i>Petrorhagia velutina</i>	15	0.01
G406	5+	* <i>Spergularia rubra</i>	3	0.1
G406	5+	* <i>Trifolium tomentosum</i>	2	0.01
G406	5+	<i>Triglochin centrocarpa</i>	1	0.01
G406	5+	<i>Trisetaria cristata</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G407 Location: Lake Kurrenkutten

Location Notes: North-west shore of Lake. Recorder Initials: NC, MG Date: 16/11/94

GPS Lat. 32 14.357 Long. 118 04.237

Topography Position: 3m elevation from lake bed on lower slope of hill

Soils: Layers - Silty sand over mottled clay at 30cm.

Colour - 0cm - 5YR 4/4 moderate brown. 50cm - 10YR 6/4 pale greyish orange sand

Site	Locn.		Species	Ht (cm)	% Cover
G407	5		<i>Bromus arenarius</i>	5	0.01
G407	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G407	5		<i>Danthonia caespitosa</i>	20	0.01
G407	5		<i>Enchylaena tomentosa</i>	15	0.01
G407	5		<i>Eucalyptus salmonophloia</i>	3500	6
G407	5		<i>Eucalyptus salubris</i> var. <i>salubris</i>	2000	1
G407	5		<i>Frankenia</i> sp. 4	30	0.01
G407	5		<i>Lepidium ?rotundum</i>	5	0.01
G407	5		<i>Puccinellia stricta</i>	15	50
G407	5		<i>Rhagodia drummondii</i>	40	10
G407	5		<i>Stipa elegantissima</i>	50	0.01
G407	5+		<i>Acacia merrallii</i>	50	0.01
G407	5+		<i>Angianthus tomentosus</i>	1	0.01
G407	5+		<i>Hakea</i> sp.	150	0.1
G407	5+		<i>Maireana marginata</i>		0.01
G407	5+		<i>Pittosporum phylliraeoides</i>		0.01
G407	5+	*	<i>Sonchus oleraceus</i>	15	0.01
G407	5+		<i>Vittadinia gracilis</i>	20	0.01
G407	90mW		<i>Actinobole uliginosum</i>	1	0.01
G407	90mW	*	<i>Avena</i> sp.		0.01
G407	90mW		<i>Crassula</i> sp. 1	1	0.01
G407	90mW		<i>Halosarcia indica</i> ssp. <i>bidens</i>	100	25
G407	90mW		<i>Lycium australe</i>	100	0.1
G407	90mW		<i>Melaleuca halmaturorum</i> ssp. <i>cymbifolia</i>	100	0.01
G407	90mW		<i>Melaleuca uncinata</i>	300	2
G407	90mW	*	<i>Trifolium arvense</i>	10	0.01
G407	90mW		<i>Triglochin centropcarpa</i>	1	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G408 Location: Lake Kurrenkutten

Location Notes: 200m south of mainroad in north-west corner. Recorder Initials: NC, MG

Date: 15/11/94 GPS Lat. 32 13.988 Long. 118 04.176

Topography Position: Lower slope at verge of samphire flats.

Soils: Layers - Light grey sand. >20cm sandy clay grey. 45cm yellowish and ?calcium nodules

Colour - 0cm - 10YR 6/2 pale yellowish brown. 50cm - 10YR 6/4 pale orange brown

Site	Locn.		Species	Ht (cm)	% Cover
G408	5		<i>Actinobole uliginosum</i>	1	0.01
G408	5	*	<i>Aira cupaniana</i>	5	0.01
G408	5		<i>Asteraceae sp.</i>	10	0.01
G408	5		<i>Brachycome sp.</i>	10	0.01
G408	5		<i>Bromus arenarius</i>	10	0.01
G408	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.1
G408	5		<i>Crassula ?colorata</i>	2	1
G408	5		<i>Eragrostis dielsii</i>	1	0.01
G408	5		<i>Eucalyptus loxophleba ssp. loxophleba</i>	1200	9
G408	5		<i>Halosarcia indica ssp. bidens</i>	80	1
G408	5		<i>Halosarcia lepidosperma</i>		10
G408	5	*	<i>Hypochaeris glabra</i>	5	0.01
G408	5		<i>Melaleuca halmaturorum ssp. cymbifolia</i>	400	1
G408	5		<i>Melaleuca lateriflora</i>	400	5
G408	5		<i>Melaleuca uncinata</i>	400	0.5
G408	5		<i>Puccinellia stricta</i>	25	0.01
G408	5		<i>Rhagodia drummondii</i>	40	0.1
G408	5		<i>Stipa hemipogon</i>	30	0.01
G408	5	*	<i>Vulpia bromoides</i>	5	30

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G409 Location: Seagroats. (Reserve 25979)

Location Notes: Mid south-east corner. Recorder Initials: NC, MG Date: 16/11/94

GPS Lat.: 32.08.107 Long.: 118.04.987

Topography Position:

Soils: Colour - 0cm - 10YR 6/4 pale orange/brown. 50cm - 10YR 7/4 greyish orange.

Site	Locn.	Species	Ht (cm)	% Cover
G409	5	<i>Alyxia buxifolia</i>	200	0.1
G409	5	<i>Asteraceae</i> sp.	10	5
G409	5	* <i>Brassica tournefortii</i>	60	0.01
G409	5	<i>Bromus arenarius</i>	10	0.01
G409	5	<i>Dianella revoluta</i> var. <i>brevicaulis</i>	60	0.01
G409	5	<i>Drosera ?macrantha</i>	15	0.01
G409	5	<i>Eucalyptus hypochlamydea</i> ssp. "smooth bark"	1000	1
G409	5	<i>Eucalyptus myriadena</i>	1500	3
G409	5	<i>Eucalyptus salicola</i>	1500	2
G409	5	<i>Exocarpos aphyllus</i>	200	0.01
G409	5	<i>Lomandra effusa</i>	50	5
G409	5	<i>Olearia revoluta</i>	100	0.1
G409	5	<i>Podolepis capillaris</i>	15	0.01
G409	5	<i>Podolepis lessonii</i>	10	0.1
G409	5	<i>Rhagodia ?drummondii</i>	40	0.01
G409	5	<i>Stipa hemipogon</i>	10	0.01
G409	5	<i>Stipa trichophylla</i>	15	0.01
G409	5	<i>Templetonia sulcata</i>	200	0.1
G409	5	* <i>Vulpia bromoides</i>	5	0.01
G409	5	<i>Waitzia acuminata</i>	20	3
G409	5	<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	20	0.01
G409	5+	<i>Acacia chrysella</i>	200	0.01
G409	5+	<i>Acacia colletioides</i>	200	0.01
G409	5+	<i>Acacia hemiteles</i>	40	0.01
G409	5+	<i>Danthonia caespitosa</i>	5	0.01
G409	5+	<i>Dianella revoluta</i> ?var. <i>divaricata</i>	80	0.01
G409	5+	<i>Hakea preissii</i>	200	0.01
G409	5+	<i>Mirbelia microphylla</i>	35	0.01
G409	5+	<i>Santalum acuminatum</i>	300	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G410 Location: Seagroats. (Reserve 25979)

Location Notes: Mid south-east corner. Recorder Initials: NC, MG Date: 16/11/94

GPS Lat.: 32.08.106 Long.: 118.10.027

Topography Position: Lower part of white sand dune on lake fringe.

Soils: Layers - Coarse brown-grey sand. White silicious sand on surface. >45cm clay-sand.

Colour - 0cm - 10YR 5/4 moderate yellow brown. 50cm - 10YR 6/4 pale orange brown

Site	Locn.		Species	Ht (cm)	% Cover
G410	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G410	5		<i>Centrolepis polygina</i>	2	0.01
G410	5		<i>Centrolepis sp. 2</i>	1	0.01
G410	5		<i>Darwinia aff. diosmoides</i>	40	1
G410	5		<i>Gnephosis angianthoides</i>	10	0.01
G410	5		<i>Halosarcia lylei</i>	35	0.1
G410	5		<i>Halosarcia ?pergranulata</i>	20	0.01
G410	5		<i>Melaleuca sp. "scabra" group</i>	300	0.01
G410	5		<i>Melaleuca thyoides</i>	200	7
G410	5	*	<i>Mesembryanthemum nodiflorum</i>	1	0.1
G410	5		<i>Podolepis capillaris</i>	15	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G411 Location: Seagroats. (Reserve 25979)

Location Notes: North-east lake, eastern shore. Recorder Initials: NC,AOC Date: 8/12/94

GPS Lat.: 32.06.514 Long.: 118.11.026

Topography Position: First lunette. 2m high, 10m from lake verge.

Soils: Layers - Gypsum. 45cm wet. Roots in top 20cm.

Colour - 0cm - 2.5Y 7/1 pale grey. 50cm - 10YR 7/1 light grey.

Site	Locn.	Species	Ht (cm)	% Cover
G411	5	<i>Darwinia</i> aff. <i>diosmoides</i>	90	0.1
G411	5	<i>Grevillea</i> <i>huegelii</i>	90	0.1
G411	5	<i>Halosarcia</i> <i>lylei</i>	30	0.01
G411	5	<i>Leucopogon</i> aff. <i>insularis</i>	50	0.01
G411	5	<i>Lomandra</i> <i>effusa</i>	50	0.01
G411	5	<i>Melaleuca</i> sp.	100-200	7
G411	5	* <i>Mesembryanthemum</i> <i>nodiflorum</i>	5	0.1
G411	5+	* <i>Aira</i> <i>cupaniana</i>	5	0.01
G411	5+	<i>Alyxia</i> <i>buxifolia</i>	50	0.01
G411	5+	* <i>Avena</i> sp.	40	0.01
G411	5+	<i>Blennospora</i> <i>drummondii</i>		0.01
G411	5+	<i>Calytrix</i> <i>oldfieldii</i>	30	0.01
G411	5+	<i>Comesperma</i> <i>volubile</i>		0.01
G411	5+	<i>Dianella</i> <i>revoluta</i> var. <i>brevicaulis</i>	40	0.01
G411	5+	<i>Drosera</i> ? <i>macrantha</i>	40	0.01
G411	5+	<i>Eucalyptus</i> <i>hypochlamydea</i> ssp. "smooth bark"	700	0.01
G411	5+	<i>Hakea</i> <i>preissii</i>	200-300	0.1
G411	5+	<i>Halosarcia</i> <i>lylei</i>	30	0.01
G411	5+	<i>Leptospermum</i> <i>erubescens</i>	100-400	0.1
G411	5+	<i>Melaleuca</i> <i>lateriflora</i>	150	0.01
G411	5+	<i>Melaleuca</i> <i>thyoides</i>	200	0.01
G411	5+	<i>Melaleuca</i> <i>uncinata</i>		0.1
G411	5+	<i>Mirbelia</i> <i>microphylla</i>	40	0.01
G411	5+	<i>Podotheca</i> <i>angustifolia</i>	1	0.01
G411	5+	<i>Santalum</i> <i>acuminatum</i>	100-300	0.01
G411	5+	<i>Stipa</i> <i>elegantissima</i>		0.01
G411	5+	<i>Stipa</i> ? <i>hemipogon</i>	30	0.01
G411	5+	<i>Thysanotus</i> ? <i>manglesianus</i>		0.01
G411	5+	* <i>Vulpia</i> <i>bromoides</i>	10	0.01
G411	5+	<i>Waitzia</i> <i>acuminata</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G412 Location: Seagroats. (Reserve 25979)

Location Notes: North-east lake. Recorder Initials: NC,AOC Date: 08/12/94

GPS Lat.: 32.06.532 Long.: 118.11.049

Topography Position: Back of blown out foredune, front of rear sand dune.

40m east of lake edge.

Soils: Layers - Pale sandy gypsum, sandy loam to 20cm, 20-40cm clay(loam),
> 40cm lighter and more clay.

Colour - 0cm - 7.5YR 6/3 dull brown. 50cm - 7.5YR 4/3 brown.

Site	Locn.	Species	Ht (cm)	% Cover
G412	5	<i>Darwinia aff. diosmoides</i>	40	0.01
G412	5	<i>Eucalyptus occidentalis ssp. occidentalis</i>	800	2
G412	5	<i>Halosarcia lylei</i>	40	0.01
G412	5	<i>Melaleuca uncinata</i>	500	7
G412	5+	<i>Grevillea huegelii</i>		0.01
G412	5+	<i>Hakea preissii</i>		0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G413 Location: Seagroats. (Reserve 25979)

Location Notes: North-east lake. Recorder Initials: NC,AOC Date: 08/12/94

GPS Lat.: 32.06.512 Long.: 118.11.071

Topography Position: Upper sand-dune 5m high. 60m east of lake.

Soils: Pink sand dune.

Soils: Layers - 0-10cm A horizon sand with roots; > 10cm sand

Colour - 0cm - 10YR 6/3 dull yellow orange. 50cm - 10YR 7/6 bright yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G413	5	<i>Acacia acuminata</i>	300	0.01
G413	5	<i>Eucalyptus hypochlamydea</i> ssp. "smooth bark"	1500	20
G413	5	<i>Grevillea acuaria</i>	20	0.01
G413	5	<i>Lepidobolus deserti</i>	30	0.1
G413	5	<i>Lepidosperma resinosum</i>	40	15
G413	5	<i>Lomandra effusa</i>	30	4
G413	5	<i>Mirbelia microphylla</i>	40	0.01
G413	5	<i>Stipa hemipogon</i>	30	0.01
G413	5	<i>Thysanotus ?manglesianus</i>		0.01
G413	5	<i>Waitzia acuminata</i>	10	0.1
G413	5+	<i>Acacia colletioides</i>	150-200	0.01
G413	5+	<i>Acacia leptospermoides</i>	40	0.01
G413	5+	<i>Billardiera lehmanniana</i>	100	0.01
G413	5+	<i>Blennospora drummondii</i>	2	0.01
G413	5+	<i>Enchylaena tomentosa</i>	20	0.01
G413	5+	<i>Grevillea huegelii</i>	100	0.01
G413	5+	<i>Olearia muelleri</i>	40	0.01
G413	5+	<i>Phebalium lepidotum</i>	90	0.01
G413	5+	<i>Rhagodia drummondii</i>	30	0.01
G413	5+	<i>Santalum acuminatum</i>	200	0.01
G413	5+	<i>Stipa trichophylla</i>	40	0.01
G413	5+	<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	30	0.01
G413	5+	<i>Westringia rigida</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G414 Location: Seagroats. (Reserve 25979)

Location Notes: North-east Lake. Recorder Initials: NC,AOC Date: 08/12/94

GPS Lat.: 32.06.365 Long.: 118.10.915

Topography Position: Western edge of lake. 3m high immediate embankment/foredune.

Soils: Layers - Clay after 20cm. Colour - 0cm - 7.5YR 6/6 orange.

Comments: Not blowing out or eroding as on the east.

Site	Locn.	Species	Ht (cm)	% Cover
G414	5	<i>Acacia erinacea</i>	30	0.5
G414	5	<i>Acacia hemiteles</i>	40	0.01
G414	5	<i>Acacia leptospermoides</i>	30	0.5
G414	5	<i>Alyxia buxifolia</i>	100	0.01
G414	5	<i>Enchylaena tomentosa</i>	30	0.01
G414	5	<i>Eucalyptus celastroides</i> ssp. <i>virella</i>	800	2
G414	5	<i>Eucalyptus salubris</i> var. <i>salubris</i>	1500	2
G414	5	<i>Exocarpos aphyllus</i>	300	0.1
G414	5	<i>Goodenia</i> sp.	2	0.01
G414	5	<i>Grevillea acuaria</i>	30	0.01
G414	5	<i>Hakea</i> sp.	200-300	3
G414	5	<i>Laxmannia squarrosa</i>	100	0.01
G414	5	<i>Melaleuca pauperiflora</i> ssp. <i>fastigiata</i>	700	10
G414	5	<i>Olearia muelleri</i>	30	0.01
G414	5	<i>Podolepis capillaris</i>	5	0.01
G414	5	<i>Rhagodia drummondii</i>	50	0.01
G414	5	<i>Santalum acuminatum</i>	300	0.01
G414	5	<i>Sclerolaena diacantha</i>	5	0.01
G414	5	<i>Stipa elegantissima</i>		0.01
G414	5	<i>Stipa ?hemipogon</i>	20	0.01
G414	5	<i>Templetonia sulcata</i>	30	0.01
G414	5	* <i>Vulpia bromoides</i>	10	0.01
G414	5	<i>Waitzia acuminata</i>	5	0.1
G414	5+	<i>Aizoaceae</i> sp. unid.	2	0.01
G414	5+	<i>Argyrolottis turbinata</i>	30	0.01
G414	5+	<i>Asteridea athrixioides</i>	2	0.01
G414	5+	<i>Blennospora drummondii</i>	1	0.01
G414	5+	* <i>Brassica tournefortii</i>	30	0.01
G414	5+	<i>Crassula ?colorata</i>	1	0.01
G414	5+	<i>Danthonia caespitosa</i>	20	0.01
G414	5+	<i>Eucalyptus longicornis</i>	2000	2
G414	5+	<i>Lomandra effusa</i>	30	0.01
G414	5+	* <i>?Sagina apetala</i>	5	0.01
G414	5+	<i>Scaevola spinescens</i>	100	0.01
G414	5+	<i>Senna artemisioides</i> ssp. <i>artemisioides</i>	100	0.01
G414	5+	<i>Westringia rigida</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G415 Location: Red Lake (Reserve 16493)

Location Notes: East side Red Lake. Recorder Initials: NC,AOC Date: 08/12/94

GPS Lat.: 32.11.890 Long.: 118.05.605

Topography Position: Top of 4m high salmon pink dune.

Soils: Layers - 0-25cm sandy silty; >25cm silty.

Colour - 0cm - 5YR 4/6 reddish brown. 50cm - 5YR 5/8 bright reddish brown

Site	Locn.	Species	Ht (cm)	% Cover
G415	5	<i>Atriplex stipitata</i>	40	3
G415	5	<i>Bromus arenarius</i>	10	25
G415	5	<i>Danthonia caespitosa</i>	10	0.01
G415	5	<i>Eucalyptus salubris</i> var. <i>salubris</i>	1500	8
G415	5	<i>Exocarpos aphyllus</i>	300	0.01
G415	5	<i>Hakea</i> sp.	300	15
G415	5	<i>Stipa elegantissima</i>	50	3
G415	5+	<i>Acacia leptospermoides</i>	40	0.01
G415	5+	* <i>Avena</i> sp.	30	0.1
G415	5+	* <i>Brassica tournefortii</i>	40	0.01
G415	5+	<i>Clematis delicata</i> (ms)		0.01
G415	5+	<i>Enchylaena tomentosa</i>	30	0.01
G415	5+	<i>Hakea</i> sp.	200	0.01
G415	5+	<i>Lycium australe</i>	80	0.01
G415	5+	<i>Olearia muelleri</i>	30	0.01
G415	5+	<i>Rhagodia ?drummondii</i>	30	0.01
G415	5+	<i>Santalum acuminatum</i>	400	0.01
G415	5+	<i>Sclerolaena diacantha</i>	5	0.01
G415	5+	<i>Senna artemisioides</i> ssp. <i>artemisioides</i>	100	0.01
G415	5+	<i>Templetonia sulcata</i>	200	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G416 Location: Seagroats. (Reserve 25979)

Location Notes: North-east lake. Recorder Initials: NC,AOC Date: 09/12/94

GPS Lat.: 32.06.562 Long.: 118.11.095

Topography Position: Behind eastern lunette. 50cm above surrounding plain/lowslope.

Soils: Layers - 0-35cm loamy, sand; 35-55cm silt with sand; > 55cm bedrock.

Colour - 0cm - 7.5YR 5/6 bright brown. 50cm - 7.5YR 5/8 bright brown

Site	Locn.	Species	Ht (cm)	% Cover
G416	5	* <i>Aira cupaniana</i>	10	0.5
G416	5	<i>Blennospora phlegmatocarpa</i>	2	0.01
G416	5	<i>Brachychiton gregorii</i>	20	0.01
G416	5	<i>Danthonia caespitosa</i>	10	0.01
G416	5	<i>Enchylaena tomentosa</i>	20	0.01
G416	5	<i>Eucalyptus celastroides</i> ssp. <i>virella</i>	800	0.5
G416	5	<i>Eucalyptus longicornis</i>		0.01
G416	5	<i>Eucalyptus salubris</i> var. <i>salubris</i>	1800	15
G416	5	<i>Eucalyptus yilgarnensis</i>	1000	0.5
G416	5	<i>Goodenia</i> sp.	10	0.01
G416	5	<i>Lawrencella rosea</i>	10	0.01
G416	5	<i>Lepidium rotundum</i>	10	0.01
G416	5	<i>Lomandra effusa</i>	30	0.5
G416	5	<i>Olearia muelleri</i>	30	0.1
G416	5	<i>Podolepis capillaris</i>	10	0.1
G416	5	<i>Podolepis lessonii</i>	5	0.01
G416	5	<i>Rhagodia drummondii</i>	20	0.01
G416	5	<i>Sclerolaena diacantha</i>	5	0.01
G416	5	<i>Senecio lautus</i> ssp. <i>maritimus</i>	5	0.01
G416	5	<i>Stipa trichophylla</i>	10	0.01
G416	5	<i>Thysanotus ?manglesianus</i>	5	0.01
G416	5	* <i>Vulpia bromoides</i>	10	25
G416	5	<i>Waitzia acuminata</i>	10	1
G416	5+	<i>Acacia leptospermoides</i>	30	0.01
G416	5+	<i>Exocarpos aphyllus</i>	100	0.01
G416	5+	<i>Grevillea acuaria</i>	30	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G417 Location: Seagroats. (Reserve 25979)

Location Notes: Second lake from the south. 400m south of fence corner & 150m west of fence.

Recorder Initials: NC, AOC Date: 09/12/94

GPS Lat.: 32.08.353 Long.: 118.09.470

Topography Position: Lake fringe 8m wide zone from shore.

Soils: Layers - 0-10cm silty sand; > 10cm clay sand.

Colour - 0cm - 10YR 6/2 greyish yellowish brown. 50cm - 10YR 6/1 brownish grey

Site	Locn.		Species	Ht (cm)	% Cover
G417	5		<i>Bromus arenarius</i>	10	0.01
G417	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G417	5		<i>Gnephosis angianthoides</i>	10	5
G417	5		<i>Halosarcia lepidosperma</i>	40	0.1
G417	5		<i>Halosarcia lylei</i>	40	0.1
G417	5		<i>Halosarcia pergranulata</i>	30	0.01
G417	5		<i>Melaleuca thyoides</i>	400	10
G417	5	*	<i>Mesembryanthemum nodiflorum</i>	5	0.01
G417	5	*	<i>Ursinia anthemoides</i>	20	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G418 Location: Seagroats. (Reserve 25979)

Location Notes: Second lake from the south. Recorder Initials: NC,AOC Date: 09/12/94

GPS Lat.: 32.08.322 Long.: 118.09.68

Topography Position: Crest of first minor lunette 1.5m and 8m wide 5m east of shore.

Soils: Layers - 0-25cm sandy silt gypsiferous; >25cm clay (+sand)

Colour - 0cm - 7.5YR 5/4 dull brown. 50cm - 7.5YR 5/3 dull brown

Site	Locn.		Species	Ht (cm)	% Cover
G418	5		<i>Argyrolottis turbinata</i>	80	0.1
G418	5		<i>Atriplex hymenotheca</i>	20	2
G418	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.1
G418	5		<i>Danthonia caespitosa</i>	10	0.01
G418	5		<i>Darwinia aff. diosmoides</i>	80	2
G418	5		<i>Enchylaena tomentosa</i>	40	0.1
G418	5		<i>Eucalyptus myriadena</i>	800	0.01
G418	5		<i>Exocarpos aphyllus</i>	200	0.01
G418	5		<i>Hakea preissii</i>	100-200	1
G418	5		<i>Halosarcia lylei</i>	40	8
G418	5		<i>Lycium australe</i>	150	0.01
G418	5		<i>Maireana carnososa</i>	1	0.01
G418	5		<i>Melaleuca uncinata</i>	200	0.01
G418	5	*	<i>Mesembryanthemum nodiflorum</i>	10	0.01
G418	5		<i>Pittosporum phylliraeoides</i>	300	0.01
G418	5		<i>Rhagodia ?drummondii</i>	20	0.01
G418	5		<i>Rhodanthe sp. 1</i>	5	0.01
G418	5		<i>Sclerolaena diacantha</i>	5	0.01
G418	5		<i>Stipa elegantissima</i>	50	0.01
G418	5		<i>Stipa pycnostachya</i>	20	0.01
G418	5		<i>Templetonia sulcata</i>	200	0.01
G418	5	*	<i>Vulpia bromoides</i>	5	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G419 Location: Seagroats. (Reserve 25979)

Location Notes: Second lake from the south.. Recorder Initials: NC,AOC Date: 09/12/94

GPS Lat.: 32.08.327 Long.: 118.09.484

Topography Position: Upperslope dune 5-6m high about 100m east of the lake edge.

Gypsum on crest.

Soils: Layers - 0-40cm sandy silt; >40cm hard clay layer?

Colour - 0cm 7.5YR 5/4 dull brown.

Site	Locn.		Species	Ht (cm)	% Cover
G419	5		<i>Acacia acuminata</i>	300	0.1
G419	5		<i>Acacia colletioides</i>	300	0.1
G419	5		<i>Eucalyptus longicornis</i>	1500	6
G419	5		<i>Eucalyptus salubris</i> var. <i>salubris</i>	1500-2000	10
G419	5		<i>Lomandra effusa</i>	40	0.01
G419	5		<i>Lycium australe</i>	100	0.1
G419	5		<i>Rhagodia ?drummondii</i>	10	0.01
G419	5		<i>Templetonia sulcata</i>	300	0.01
G419	5+	*	<i>Aira cupaniana</i>	5	0.01
G419	5+		<i>Blennospora phlegmatocarpa</i>	5	0.01
G419	5+	*	<i>Brassica tournefortii</i>		0.01
G419	5+		<i>Bromus arenarius</i>	10	0.01
G419	5+		<i>Crassula ?colorata</i>	2	0.01
G419	5+		<i>Danthonia caespitosa</i>	10	0.01
G419	5+		<i>Enchylaena tomentosa</i>	30	0.01
G419	5+		<i>Exocarpos aphyllus</i>	300	0.01
G419	5+		<i>Goodenia</i> sp.	5	0.01
G419	5+		<i>Hakea</i> sp.	300	0.01
G419	5+		<i>?Hyalosperma glutinosum</i> ssp. <i>glutinosum</i>	5	0.01
G419	5+	*	<i>Mesembryanthemum nodiflorum</i>	5	0.01
G419	5+		<i>Nicotiana ?rosulata</i>	5	0.01
G419	5+		<i>Olearia muelleri</i>	40	0.01
G419	5+		<i>Pittosporum phylliraeoides</i>	500	0.01
G419	5+		<i>Senecio lautus</i> ssp. <i>maritimus</i>	5	0.01
G419	5+		<i>Stipa elegantissima</i>		0.01
G419	5+	*	<i>Vulpia bromoides</i>	5	40
G419	5+		<i>Waitzia acuminata</i>	5	2

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G420 Location: Seagroats. (Reserve 25979)

Location Notes: Central track near middle. Recorder Initials: NC,AOC Date: 09/12/94

GPS Lat.: 32.07.262 Long.: 118.10.363

Topography Position: Flat sandplain 20m south of halophyte flowline. 1m above adjacent flowline.

Soils: Layers - sand (little silt) through profile.

Colour - 0cm - 10YR 7/2 dull yellow orange. 50cm - 10YR 7/2 dull yellow orange

Comments: Emb. (Embankment) refers to interzone near channel.

Site	Locn.		Species	Ht (cm)	% Cover
G420	5	*	<i>Aira cupaniana</i>	5	0.01
G420	5		<i>Argyrolottis turbinata</i>	50	0.01
G420	5		<i>Comesperma volubile</i>		0.01
G420	5		<i>Danthonia caespitosa</i>	20	0.01
G420	5		<i>Darwinia aff. diosmoides</i>	100	5
G420	5		<i>Drosera sp.</i>		0.01
G420	5		<i>Enchylaena tomentosa</i>	50	0.01
G420	5		<i>Eucalyptus spathulata ssp. spathulata</i>	800	0.5
G420	5		<i>Goodenia sp.</i>	2	0.01
G420	5		<i>Hakea preissii</i>	300	0.01
G420	5		<i>Lawrencella rosea</i>	15	0.01
G420	5		<i>Lycium australe</i>	60	0.01
G420	5		<i>Podolepis canescens</i>	5	0.01
G420	5		<i>Podothea angustifolia</i>	1	0.01
G420	5		<i>Rhagodia ?drummondii</i>	70	0.01
G420	5		<i>Santalum acuminatum</i>	100	0.01
G420	5		<i>Stipa elegantissima</i>		0.01
G420	5		<i>Stipa hemipogon</i>	30	0.01
G420	5		<i>Triglochin mucronata</i>	5	0.01
G420	5	*	<i>Ursinia anthemoides</i>	20	0.01
G420	5	*	<i>Vulpia bromoides</i>	10	5
G420	5		<i>Waitzia acuminata</i>	5	0.1
G420	5+		<i>Acacia acuminata</i>	300	0.01
G420	5+	*	<i>Carpobrotus ?aequilaterus</i>	10	0.01
G420	5+		<i>Lomandra effusa</i>	30	0.01
G420	5+		<i>Melaleuca lateriflora</i>	400	40
G420	5+	*	<i>Mesembryanthemum nodiflorum</i>	5	0.01
G420	Emb.		<i>Blennospora phlegmatocarpa</i>		0.01
G420	Emb.		<i>Drosera ?macrantha</i>	1	0.01
G420	Emb.		<i>Centrolepis sp. 2</i>		0.01
G420	Emb.		<i>Hyalochlamys globifera</i>	1	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G421 Location: Seagroats. (Reserve 25979)

Location Notes: Halophyte drainage channel. Recorder Initials: NC,AOC Date: 09/12/94

GPS Lat.: 32.07.248 Long.: 118.10.361

Topography Position: Drainage channel 20m north-south bank to bank.

Soils:

Site	Locn.		Species	Ht (cm)	% Cover
G421	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G421	5		<i>Gnephosis angianthoides</i>	2	0.01
G421	5		<i>Halosarcia halocnemoides</i>	20	8
G421	5		<i>Halosarcia ?halocnemoides ssp. caudata</i>	10	0.5
G421	5		<i>Melaleuca lateriflora</i>	100	2
G421	5		<i>Monerma cylindrica</i>	5	0.01
G421	5+		<i>Atriplex hymenotheca</i>	15	0.01
G421	5+		<i>Halosarcia lepidosperma</i>	30	0.01
G421	5+	*	<i>Mesembryanthemum nodiflorum</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: 422 Location: Lake Kondinin (Reserve 22519)

Location Notes: South-west corner Recorder Initials: NC, AOC Date: 15/12/94

GPS Lat.: 32.29.501 Long.: 118.11.069

Topography Position: 1m sand dune to south edge of lake

Soils: 0cm - 5YR 8/1 Pinkish-grey sand; Hard pan at 45cm

Site	Locn.	Species	Ht (cm)	% Cover
G422	5	<i>Eucalyptus spathulata</i> ssp. <i>spathulata</i>	1000	3
G422	5	<i>Melaleuca</i> sp. "scabra" group	400	6
G422	5	<i>Melaleuca uncinata</i>	400	0.01
G422	5+	<i>Acacia acuminata</i> ssp. <i>acuminata</i>	400	0.01
G422	5+	* <i>Aira cupaniana</i>	5	0.01
G422	5+	* <i>Avena</i> sp.	30	0.01
G422	5+	<i>Blennospora phlegmatocarpa</i>	5	0.01
G422	5+	* <i>Brassica tournefortii</i>	30	0.01
G422	5+	<i>Bromus arenarius</i>	5	0.01
G422	5+	* <i>Carpobrotus ?aequilaterus</i>	5	0.1
G422	5+	<i>Chamelaucium ciliatum</i> var. (a)	40	0.01
G422	5+	<i>Danthonia caespitosa</i>	25	0.01
G422	5+	<i>Eucalyptus myriadena</i>	1500	0.5
G422	5+	<i>Halosarcia lepidosperma</i>	40	0.01
G422	5+	<i>Leptospermum erubescens</i>	150	0.01
G422	5+	* <i>Lolium perenne</i>	20	0.01
G422	5+	<i>Lomandra effusa</i>	30	0.01
G422	5+	<i>Lycium australe</i>	200	0.01
G422	5+	<i>Melaleuca eleuterostachya</i>	80	0.01
G422	5+	<i>Podotheca ?angustifolia</i>	5	0.01
G422	5+	<i>Rhagodia drummondii</i>	50	0.5
G422	5+	<i>Santalum acuminatum</i>	400	0.5
G422	5+	<i>Scaevola spinescens</i>	150	0.01
G422	5+	<i>Stipa elegantissima</i>		0.01
G422	5+	<i>Stipa trichophylla</i> ssp. <i>scabra</i>	25	0.01
G422	5+	<i>Stylidium repens</i>	5	0.01
G422	5+	<i>Threlkeldia diffusa</i>	40	0.01
G422	5+	<i>Thysanotus ?manglesianus</i>		0.01
G422	5+	* <i>Ursinia anthemoides</i>	15	0.01
G422	5+	* <i>Vulpia bromoides</i>	5	25
G422	5+	<i>Waitzia acuminata</i>	5	0.01
G422	5+	<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	15	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: 423 Location: Lake Kondinin (Reserve 22519)

Location Notes: South-west corner. Recorder Initials: NC & AOC Date: 15/12/94

GPS Lat.: 32.29.430 Long.: 118.11.029

Topography Position: > 30cm rise on verge of Halosarcia lake fringe

Soils: 0cm - 5YR 7/2 greyish pink; Hard pan below 15cm

Site	Locn.		Species	Ht (cm)	% Cover
G423	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G423	5		<i>Centrolepis sp. 2</i>	1	0.01
G423	5		<i>Cotula bipinnata</i>	15	5
G423	5		<i>Crassula sp. 1</i>	5	0.01
G423	5		<i>Halosarcia lepidosperma</i>	40	5
G423	5		<i>?Maireana carnosa</i>	1	0.01
G423	5		<i>Melaleuca halmaturorum ssp. cymbifolia</i>	300	22
G423	5	*	<i>Mesembryanthemum nodiflorum</i>	5	0.1
G423	5		<i>Rhagodia ?drummondii</i>	40	0.01
G423	5		<i>Sarcocornia blackiana</i>	35	25
G423	5		<i>Senecio lautus ssp. maritimus</i>	15	0.01
G423	5		<i>Threlkeldia diffusa</i>	15	0.01
G423	5+	*	<i>Avena sp.</i>	30	0.01
G423	5+		<i>Bromus arenarius</i>	15	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: 424 Location: Lake Kondinin (Reserve 22519)

Location Notes: 1st dune bank on east shore Recorder Initials: NC & AOC Date: 15/12/94
GPS Lat.: 32.29.866 Long.: 118.12.458

Topography Position: Dune bank 50cm above lake bed.

Soils: Layers - 0-20cm, silty sand; 50cm sandy clay

Colours - 0cm - 5Y 7/12 Yellowish-grey, dry; 50cm - 5Y 6/4 dusky yellow, wet.

Site	Locn.	Species	Ht (cm)	% Cover
G424	5	<i>Halosarcia pergranulata</i>	30	20
G424	5	<i>Halosarcia syncarpa</i>	30	25
G424	5+	<i>Atriplex spongiosa</i>	15	0.01
G424	5+	<i>Maireana brevifolia</i>	20	0.01
G424	5+	<i>Puccinellia stricta</i>	10	0.01
G424	5+	* <i>Spergularia ?rubra</i>	5	0.01
G424	5+	<i>Triglochin mucronata</i>	5	0.01

Site No: 425 Location: Lake Kondinin (Reserve 22519)

Location Notes: Approx 200m east of eastern shoreline. Recorder Initials: NC & AOC
Date: 15/12/94 GPS Lat.: 32.29.937 Long.: 118.12.582

Topography Position: 0.8m bank extending for 1km east.

Soils: Layers - 0-10cm sandy clay; 10-50cm sandy clay.

Colour - 0cm - 5T 5/2 Light olive-grey; 50cm - 5Y 5/2 light olive-grey.

Site	Locn.	Species	Ht (cm)	% Cover
G425	5	<i>Halosarcia doleiformis</i>	35	18
G425	5	<i>Halosarcia pergranulata</i>	15	0.1
G425	5	<i>Halosarcia syncarpa</i>	20	5
G425	5	* <i>Mesembryanthemum nodiflorum</i>	2	0.01
G425	5+	<i>Senecio lautus ssp. maritimus</i>	20	0.01
G425	5+	<i>Triglochin mucronata</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: 426 **Location: Lake Kondinin (Reserve 22519)**

Location Notes: Eastern side of Lake Recorder Initials: NC & AOC Date: 15/12/94

GPS Lat.: 32.30.026 Long.: 118.12.721

Topography Position: 50cm rise above channel

Soils: Layers - 0-30cm silty sand; >30cm sandy clay

Colour - 0cm - 10YR 6/2 pale yellowish-brown; 50cm 5Y 6/4 dusky yellow

Site	Locn.	Species	Ht (cm)	% Cover
G426	5	<i>Halosarcia doleiformis</i>	20	15
G426	5	<i>Halosarcia pergranulata</i>	15	0.1
G426	5	<i>Halosarcia syncarpa</i>	15	0.1
G426	5	<i>Melaleuca halmaturorum ssp. cymbifolia</i>	300	2

Site No: 427 **Location: Lake Kondinin (Reserve 22519)**

Location Notes: 1-2km east-south-east of lake shore. Recorder Initials: NC Date: 15/12/94

GPS Lat.: 32.30.267 Long.: 118.13.125

Topography Position: 1.5m sandridge rear dune.

Soils: Layers - 0-25cm sand then compacted layer.

Colour - 10YR 7/4 greyish orange

Comments: Sand extraction has happened here.

Site	Locn.	Species	Ht (cm)	% Cover
G427	5	<i>Atriplex paludosa var. baudinii</i>	70	10
G427	5	<i>Bromus arenarius</i>	10	60
G427	5	* <i>Carpobrotus aequilaterus</i>	10	0.1
G427	5	<i>Enchylaena tomentosa</i>	30	0.01
G427	5	<i>Eucalyptus calycogona var. calycogona</i>	1800	5
G427	5	<i>Halosarcia indica ssp. bidens</i>	70	2
G427	5	<i>Halosarcia pergranulata</i>	60	0.01
G427	5	<i>Lycium australe</i>	80	0.01
G427	5+	<i>Melaleuca pauperiflora ssp. fastigiata</i>	400	0.1
G427	5+	<i>Rhagodia drummondii</i>	35	0.1
G427	RdVg	<i>Maireana brevifolia</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: 428 Location: Reserve 26905

Location Notes: Western shore Recorder Initials: NC, AOC Date: 16/12/94

GPS Lat.: 32.34.472 Long.: 118.23.970

Topography Position: Western embankment, (major sandridge between lakes)

Soils: Layers - 0-20cm, silty sand; >20cm, slightly more silt

Colours - 0cm - 10YR 7/4 greyish orange; 50cm - 10YR 5/4 moderate yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G428	5	<i>Acacia acuminata ssp. acuminata</i>	150	0.1
G428	5	<i>Acacia colletioides</i>	100	0.5
G428	5	<i>Eucalyptus myriadena</i>	1000	12
G428	5	<i>Hakea preissii</i>	200	0.1
G428	5	<i>Thysanotus ?manglesianus</i>		0.01
G428	5+	<i>Alyxia buxifolia</i>	50	0.01
G428	5+	<i>Argyrolottis turbinata</i>	50	0.01
G428	5+	<i>Blennospora drummondii</i>	5	0.01
G428	5+	<i>Bossiaea spinescens</i>	50	0.01
G428	5+	<i>Bromus arenarius</i>	5	0.01
G428	5+	<i>Cassytha sp.</i>		0.01
G428	5+	<i>Chamelaucium ciliatum var. (a)</i>	40	0.01
G428	5+	<i>Danthonia caespitosa</i>	15	0.01
G428	5+	<i>Darwinia aff. diosmoides</i>	60	0.01
G428	5+	<i>Daviesia benthamii</i>	200	0.1
G428	5+	<i>Dianella revoluta ?var. divaricata</i>	80	0.01
G428	5+	<i>Ephemeral sp. unident.</i>	15	0.01
G428	5+	<i>Eremophila decipiens</i>	90	0.01
G428	5+	<i>Exocarpos aphyllus</i>	100	0.01
G428	5+	<i>Grevillea acuaria</i>	80	0.01
G428	5+	<i>Lawrencella rosea</i>	15	0.01
G428	5+	<i>Lepidium ?rotundum</i>	5	0.01
G428	5+	<i>Lepidosperma gracile</i>	20	0.01
G428	5+	<i>Lepidosperma resinosum</i>	70	0.01
G428	5+	<i>Leptospermum erubescens</i>	100	0.01
G428	5+	<i>Lobelia winfridae</i>	10	0.01
G428	5+	<i>Lomandra effusa</i>	40	0.01
G428	5+	<i>Loxocarya myrioclada</i>	15	0.01
G428	5+	<i>Maireana georgei</i>	50	0.01
G428	5+	<i>Melaleuca sp. "scabra" group</i>	300	8
G428	5+	<i>Millotia tenuifolia var. tenuifolia</i>	5	0.01
G428	5+	<i>Mitrasacme ?paradoxa</i>	10	0.01
G428	5+	<i>Neurachne alopecuroidea</i>	20	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site	Locn.	Species	Ht (cm)	% Cover
G428	5+	<i>Olearia muelleri</i>	30	0.01
G428	5+	<i>Phebalium tuberosum</i>	70	0.01
G428	5+	<i>Plantago debilis</i>	5	0.01
G428	5+	<i>Podotheca angustifolia</i>	5	0.01
G428	5+	<i>Rhagodia ?drummondii</i>	70	0.01
G428	5+	<i>Santalum acuminatum</i>	300	0.01
G428	5+	<i>Scaevola spinescens</i>	40	0.01
G428	5+	<i>Schoenus sculptus</i>	10	0.01
G428	5+	<i>Stipa elegantissima</i>		0.01
G428	5+	<i>Stipa nitida</i>	30	0.01
G428	5+	<i>Threlkeldia diffusa</i>	20	0.01
G428	5+	* <i>Ursinia anthemoides</i>	30	0.01
G428	5+	* <i>Vulpia bromoides</i>	5	0.01
G428	5+	<i>Waitzia acuminata</i>	10	0.01
G428	5+	<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	15	0.01

Site No: 429 Location: Reserve 26905

Location Notes: Large lake in eastern end. Recorder Initials: NC & AOC Date: 16/12/94
 GPS Lat.: 32.34.458 Long.: 118.23.963

Topography Position: Lake edge on embankment verge

Soils: Layers - 0-20cm sand (moist); >20cm clay:sand (even amounts)

Colours - 0cm - 10YR 6/4 greyish orange (wet);

50cm - 10YR 6/4 greyish orange (wet)

Site	Locn.	Species	Ht (cm)	% Cover
G429	5	* <i>Carpobrotus ?aequilaterus</i>	5	0.01
G429	5	<i>Darwinia</i> aff. <i>diosmoides</i>	50	0.01
G429	5	<i>Halosarcia lylei</i>	80	5
G429	5	<i>Melaleuca uncinata</i>	500	0.01
G429	5	* <i>Vulpia bromoides</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: 430 Location: Reserve 26905

Location Notes: Large lake in eastern end. Recorder Initials: NC & AOC Date: 16/12/94

GPS Lat.: 32.34.537 Long.: 118.24.172

Topography Position: Western outwash 10cm platform extending from eroding gypsum dune in lake centre

Soils: Layers - 0-10cm sandy-gypsum; >10-40cm black ooze; >40-60cm gypsiferous clay

Colour - 0cm - 10YR 5/2 yellowish brown (wet);

50cm - 5YR 6/2 greyish brown (wet)

Site	Locn.	Species	Ht (cm)	% Cover
G430	5	<i>Frankenia cinerea/punctata</i>	10	0.1
G430	5	<i>Halosarcia halocnemoides</i>	20	3
G430	5	<i>Halosarcia lylei</i>	40	2

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G431 Location: Reserve 26905

Location Notes: Large lake in east of reserve. Recorder Initials: NC & AOC Date: 16/12/94
GPS Lat.: 32.34.536 Long.: 118.24.155

Topography Position: 2-3m north-south dune in centre of lake.

Soils: Layers - 0-5cm silty sand; >5cm sandy silt

Colour - 0cm - 10YR 7/2 pale greyish orange; 50cm - 10YR 7/4 greyish orange.

Comments: Blowing out on east side; fresh gypsum crystals building up in blow outs.

Site	Locn.	Species	Ht (cm)	% Cover
G431	5	<i>Allocasuarina huegeliana</i>	200	0.01
G431	5	<i>Billardiera lehmanniana</i>		0.01
G431	5	<i>Callitris preissii ssp. verrucosa</i>	200	0.1
G431	5	<i>Darwinia aff. diosmoides</i>	50	0.5
G431	5	<i>Daviesia benthamii</i>	100	0.5
G431	5	<i>Eucalyptus spathulata ssp. spathulata</i>	1800	0.1
G431	5	<i>Lomandra effusa</i>	50	0.5
G431	5	<i>Santalum acuminatum</i>	200	0.5
G431	5	<i>Scaevola spinescens</i>	60	0.5
G431	5+	<i>Alyxia buxifolia</i>	150	0.01
G431	5+	<i>Argyrolottis turbinata</i>	5	0.01
G431	5+	<i>Atriplex hymenotheca</i>	15	0.01
G431	5+	<i>Bossiaea spinescens</i>	40	0.01
G431	5+	* <i>Brassica tournefortii</i>	30	0.01
G431	5+	<i>Comesperma volubile</i>		0.01
G431	5+	<i>Conostephium drummondii</i>	60	0.01
G431	5+	<i>Drosera ?macrantha</i>		0.01
G431	5+	<i>Leucopogon aff. insularis</i>	50	0.01
G431	5+	<i>Melaleuca sp. "scabra" group</i>	200	0.01
G431	5+	<i>Podotheca angustifolia</i>	5	0.01
G431	5+	<i>Stipa elegantissima</i>		0.01
G431	5+	<i>Stipa hemipogon</i>	40	0.01
G431	5+	<i>Thysanotus ?manglesianus</i>		0.01
G431	5+	* <i>Vulpia bromoides</i>	5	0.01
G431	5+	<i>Waitzia acuminata</i>	10	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: **G432** Location: **Reserve 26905**

Location Notes: Large lake in east of reserve. Eastern shore Recorder Initials: NC & AOC
Date: 16/12/94 GPS Lat.: 32.34.602 Long.: 118.24.369

Topography Position: Foreshore to 30cm above lakebed

Soils: Layers - 0-15cm gypsum (+silt); > 15cm clay-gypsum

Colours - 0cm - 10YR 6/1 very pale yellowish brown (dry)

50cm - 10YR 6/1 very pale yellowish brown (wet)

Site	Locn.	Species	Ht (cm)	% Cover
G432	5	<i>Atriplex hymenotheca</i>	15	0.01
G432	5	<i>Frankenia cinerea/punctata</i>	10	3
G432	5	<i>Halosarcia lylei</i>	40	8

Site No: **G433** Location: **Reserve 26905**

Location Notes: Large lake in east of reserve. Recorder Initials: NC & AOC Date: 16/12/94
GPS Lat.: 32.34.615 Long.: 118.24.354

Topography Position: Midslope, west side of west dune, 2m up.

Soils: Layers - 0-4cm silty-gypsum; > 4cm gypsum-silt

Colours - 0cm - 10YR 6/2 very pale yellow brown;

50cm - 10YR 7/4 pale greyish orange.

Site	Locn.	Species	Ht (cm)	% Cover
G433	5	<i>Blennospora phlegmatocarpa</i>	5	0.01
G433	5	<i>Bromus arenarius</i>	10	0.01
G433	5	<i>Callitris preissii ssp. verrucosa</i>	3	0.1
G433	5	<i>Darwinia aff. diosmoides</i>	100	2
G433	5	<i>Eucalyptus ?"anceps"</i>	1800	0.5
G433	5	<i>Eucalyptus longicornis</i>	1800	0.5
G433	5	<i>Stipa hemipogon</i>	40	0.01
G433	5	* <i>Vulpia bromoides</i>	5	0.1
G433	5+	<i>Alyxia buxifolia</i>	50	0.01
G433	5+	<i>Billardiera lehmanniana</i>		0.01
G433	5+	<i>Danthonia caespitosa</i>	20	0.01
G433	5+	<i>Hakea sp.</i>	50	0.01
G433	5+	<i>Lomandra effusa</i>	60	0.01
G433	5+	<i>Melaleuca thyoides</i>	200	0.01
G433	5+	<i>Podotheca angustifolia</i>	5	0.01
G433	5+	<i>Rhagodia ?drummondii</i>	40	0.01
G433	5+	<i>Santalum acuminatum</i>	100-200	0.01
G433	5+	<i>Scaevola spinescens</i>	50	0.01
G433	5+	<i>Stipa elegantissima</i>		0.01
G433	5+	<i>Thysanotus manglesianus</i>		0.01
G433	5+	<i>Waitzia acuminata</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G434 Location: Reserve 26905

Location Notes: Large lake in east of reserve. Recorder Initials: NC & AOC

Date: 16/12/94 GPS Lat.: 32.34.642 Long.: 118.24.402

Topography Position: Upper dune 60m east of lake shore

Soils: Layers - 0-20cm gypsum (sandy-silt); > 20cm gypsum (silt)

Colour - 0cm - 10YR 6/2 pale yellowish brown; 50cm - 5YR 8/1 pinkish grey.

Comments: 30m north-east is mined and rehabilitated area.

Site	Locn.	Species	Ht (cm)	% Cover
G434	5	* <i>Aira cupaniana</i>	5	0.01
G434	5	<i>Argyrolottis turbinata</i>	50	0.01
G434	5	<i>Asteridea athrixoides</i>	5	0.01
G434	5	<i>Atriplex vesicaria</i>	60	3
G434	5	<i>Blennospora phlegmatocarpa</i>	5	3
G434	5	? <i>Brachycome</i> sp. 2		0.01
G434	5	<i>Bromus arenarius</i>	5	0.01
G434	5	<i>Comesperma volubile</i>		0.01
G434	5	<i>Dianella revoluta</i> var. <i>divaricata</i>	70	0.01
G434	5	<i>Enchylaena tomentosa</i>	30	0.01
G434	5	<i>Eremophila decipiens</i>	20	0.01
G434	5	<i>Eucalyptus "anceps"</i>	1800	8
G434	5	<i>Eucalyptus longicornis</i>	1800	8
G434	5	<i>Exocarpos aphyllus</i>	150	0.01
G434	5	<i>Hakea</i> sp.	50	0.01
G434	5	<i>Lycium australe</i>	100	0.01
G434	5	<i>Melaleuca lanceolata</i>	500	0.5
G434	5	<i>Rhagodia ?drummondii</i>	100	0.01
G434	5	<i>Santalum acuminatum</i>	200	0.01
G434	5	<i>Scaevola spinescens</i>	100	0.1
G434	5	<i>Stipa drummondii</i>	40	0.01
G434	5	<i>Stipa elegantissima</i>		0.01
G434	5	<i>Stipa hemipogon</i>	40	0.01
G434	5	<i>Stipa pycnostachya</i>	60	0.01
G434	5	<i>Thysanotus manglesianus</i>		0.01
G434	5	* <i>Vulpia bromoides</i>	5	10
G434	5	<i>Zygophyllum ?compressum</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT.

Site No: G434R Location: Reserve 26905

Location Notes: Rehab. 30m North-east of G434 Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.642 Long.: 118.24.402

Topography Position: On dune crest which has a 1-2m excavation with rough surface finish

Soils: Surface - very coarse 30-50cm troughs and channels from ripping.

Site	Locn.	Species	Ht (cm)	% Cover
G434R	5	<i>Atriplex vesicaria</i>	60	5
G434R	5	<i>Bromus arenarius</i>	5	1
G434R	5	* <i>Carpobrotus ?aequilaterus</i>	5	0.01
G434R	5	<i>Centaurea melitensis</i>	5	0.01
G434R	5	<i>Enchylaena tomentosa</i>	10	0.01
G434R	5	<i>Ephemeral sp. unident.</i>	5	0.01
G434R	5	<i>Eremophila decipiens</i>	50	0.01
G434R	5	<i>Eucalyptus ?"anceps"</i>	300	7
G434R	5	<i>Eucalyptus longicornis</i>	300	7
G434R	5	<i>Kippistia suaedifolia</i>	20	5
G434R	5	<i>Lycium australe</i>	20	0.01
G434R	5	<i>Melaleuca lanceolata</i>	100	0.01
G434R	5	<i>Rhagodia ?drummondii</i>	20	0.01
G434R	5	<i>Sclerolaena diacantha</i>	5	0.01
G434R	5	<i>Stipa drummondii</i>	30	0.01
G434R	5	<i>Stipa pycnostachya</i>	40	0.01
G434R	5	<i>Templetonia sulcata</i>	40	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G435 Location: Reserve 26905

Location Notes: Large lake in east of reserve. Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.705 Long.: 118.24.433

Topography Position: Eastern lowerslope of dunes, 40m east of samphire flat

Soils: Layers - 0-5cm sandy-silt (+humic); >5cm sandy-silt

Colours - 0cm - 10YR 5/3 pale moderate yellowish-brown

50cm - 10YR 5/4 moderate yellowish-brown

Site	Locn.		Species	Ht (cm)	% Cover
G435	5		<i>Acacia merrallii</i>	60	0.5
G435	5		<i>Atriplex vesicaria</i>	60	0.1
G435	5		<i>Eucalyptus myriadena</i>	1700	5
G435	5		<i>Hakea preissii</i>	200	0.1
G435	5		<i>Santalum acuminatum</i>	300	0.1
G435	5+		<i>Acacia colletioides</i>	40	0.01
G435	5+		<i>Acacia erinacea</i>	30	0.01
G435	5+	*	<i>Aira cupaniana</i>	5	0.01
G435	5+		<i>Alyxia buxifolia</i>	100	0.01
G435	5+		<i>Argyrolottis turbinata</i>		0.01
G435	5+		<i>Asteridea athrixioides</i>	5	0.01
G435	5+		<i>Blennospora phlegmatocarpa</i>	3	0.01
G435	5+		<i>Bromus arenarius</i>	10	0.01
G435	5+		<i>Centaurea melitensis</i>	5	0.01
G435	5+		<i>Clematis delicata</i> (ms)		0.01
G435	5+		<i>Comesperma volubile</i>		0.01
G435	5+		<i>Danthonia caespitosa</i>	20	0.01
G435	5+		<i>Dianella revoluta</i> ?var. <i>divaricata</i>	70	0.01
G435	5+		<i>Enchylaena tomentosa</i>	20	0.01
G435	5+		<i>Eremophila decipiens</i>	50	0.01
G435	5+		<i>Exocarpos aphyllus</i>	200	0.5
G435	5+		<i>Grevillea acuaria</i>	70	0.01
G435	5+		<i>Hyalosperma glutinosum</i> ssp. <i>glutinosum</i>	5	0.01
G435	5+		<i>Lepidium</i> ? <i>rotundum</i>	5	0.01
G435	5+		<i>Lomandra effusa</i>	30	0.01
G435	5+		<i>Lycium australe</i>	100	0.01
G435	5+		<i>Melaleuca lanceolata</i>	600	0.01
G435	5+		<i>Microcybe multiflora</i> var. <i>baccharoides</i>	80	0.01
G435	5+		<i>Olearia muelleri</i>	35	0.01
G435	5+		<i>Pittosporum phylliraeoides</i>	300	0.01
G435	5+		<i>Rhagodia</i> ? <i>drummondii</i>	70	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site	Locn.		Species	Ht (cm)	% Cover
G435	5+		<i>Scaevola spinescens</i>	60	1
G435	5+		<i>Sclerolaena diacantha</i>	5	0.01
G435	5+		<i>Senna artemisioides ssp. artemisioides</i>	150	0.01
G435	5+		<i>Stipa elegantissima</i>		0.01
G435	5+		<i>Stipa trichophylla ssp. scabra</i>	40	0.01
G435	5+		<i>Templetonia sulcata</i>	100	0.01
G435	5+	*	<i>Ursinia anthemoides</i>	10	0.01
G435	5+	*	<i>Vulpia bromoides</i>	10	40
G435	5+		<i>Zygophyllum compressum</i>	20	0.01
G435	5+	*	<i>Carpobrotus aequilaterus</i>	5	0.01

Site No: G436 Location: Reserve 26905

Location Notes: Large lake in east of reserve. Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.755 Long.: 118.24.472

Topography Position: Samphire flat 40m east of east edge of dune

Soils: Layers - 0-10cm dry sandy-silt; > 10cm clay/?gypsum.

Colour - 0cm - 10YR 5/4 moderate yellowish-brown (dry)
 50cm - 10YR 6/2 pale yellowish-brown (damp)

Site	Locn.		Species	Ht (cm)	% Cover
G436	5		<i>Angianthus microcephalus</i>	2	5
G436	5		<i>Atriplex hymenotheca</i>	20	0.01
G436	5		<i>Calandrinia sp. 1</i>	10	0.01
G436	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.1
G436	5		<i>Halosarcia ?halocnemoides</i>	15	2
G436	5		<i>Halosarcia ?leptoclada ssp. inclusa</i>	15	3
G436	5		<i>Puccinellia stricta</i>	5	0.01
G436	5		<i>Sarcocornia globosa</i>	10	1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G437 Location: Reserve 26905

Location Notes: Large lake in east of reserve. Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.690 Long.: 118.24.459

Topography Position: Samphire/gypsum dune, edge <5m wide

Soils: Layers - 0-10cm sandy-silt; <10cm sandy-clay

Colour - 0cm - 10YR 6/2 pale yellowish brown (dry)

50cm - 10YR 4/2 darkish yellowish brown (wet)

Site	Locn.	Species	Ht (cm)	% Cover
G437	5	* <i>Aira cupaniana</i>	5	0.01
G437	5	<i>Angianthus microcephalus</i>	2	0.01
G437	5	<i>Angianthus pygmaeus</i>	1	0.01
G437	5	<i>Atriplex hymenotheca</i>	20	0.01
G437	5	* <i>Carpobrotus ?aequilaterus</i>	5	0.01
G437	5	<i>Cotula cotuloides</i>	3	0.01
G437	5	<i>Erymophyllum tenellum</i>	15	0.01
G437	5	<i>Gnephosis acicularis</i>	15	0.01
G437	5	<i>Halosarcia halocnemoides</i>	30	0.1
G437	5	<i>Halosarcia lepidosperma</i>	30	0.5
G437	5	<i>Halosarcia pterygosperma ssp. pterygosperma</i>	30	0.01
G437	5	<i>Melaleuca lateriflora</i>	400	10
G437	5	<i>Pogonolepis stricta</i>	2	0.01
G437	5	<i>Ptilotus caespitosus</i>	3	0.01
G437	5	<i>Puccinellia stricta</i>	5	0.01
G437	5	<i>Roycea pycnophylloides</i>	4	0.01
G437	5	<i>Sarcocornia blackiana</i>	15	0.5
G437	5	<i>Stipa pycnostachya</i>	25	0.01
G437	5	<i>Wilsonia humilis</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G438 Location: Reserve 26905

Location Notes: Small lake in north-west corner. Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.176 Long.: 118.24.526

Topography Position: Western dune 60m west of western shoreline

Soils: Layers - 0-25cm silty-sand (40:60); > 25cm sandy-clay

Colour - 0cm - 10YR 5/4 moderate yellowish brown (dry)

50cm - 5YR 5/6 light brown (dry)

Comments: Area dominated by sandplain Kwongan influences from north-east.

Yellow sand abounds. Gypsum crystals on lakebed mostly on west side.

Site	Locn.	Species	Ht (cm)	% Cover
G438	5	<i>Acacia erinacea</i>	40	0.01
G438	5	<i>Enchylaena tomentosa</i>	15	0.01
G438	5	<i>Eremophila decipiens</i>	100	0.01
G438	5	<i>Eucalyptus spathulata</i> ssp. <i>spathulata</i>	800	20
G438	5	<i>Lomandra effusa</i>	40	0.01
G438	5	<i>Phebalium tuberosum</i> var. <i>megaphyllum</i>	50	0.01
G438	5	<i>Santalum acuminatum</i>	400	0.1
G438	5	<i>Stipa trichophylla</i> ssp. <i>scabra</i>	30	0.01
G438	5	<i>Thysanotus ?manglesianus</i>		0.01
G438	5+	<i>Acacia acuminata</i>	500	0.1
G438	5+	<i>Acacia meisneri</i>	30	0.01
G438	5+	<i>Angianthus microcephalus</i>	2	0.01
G438	5+	<i>Chamelaucium ciliatum</i> var. (a)	30	0.01
G438	5+	<i>Conostephium roei</i>	40	0.01
G438	5+	<i>Danthonia caespitosa</i>	20	0.01
G438	5+	<i>Exocarpos aphyllus</i>	200	0.01
G438	5+	<i>Lepidosperma ?tuberculatum</i>	35	0.01
G438	5+	<i>Loxocarya myrioclada</i>	20	0.01
G438	5+	<i>Melaleuca pauperiflora</i> ssp. <i>fastigiata</i>	500	0.01
G438	5+	<i>Melaleuca uncinata</i>	500	2
G438	5+	<i>Melaleuca</i> sp. "scabra" group	300	2
G438	5+	<i>Stipa elegantissima</i>		0.01
G438	5+	<i>Stylidium repens</i>	5	0.01
G438	5+	<i>Thysanotus ?manglesianus</i>		0.01
G438	5+	* <i>Ursinia anthemoides</i>	15	0.01
G438	5+	<i>Waitzia acuminata</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G439 Location: Reserve 26905

Location Notes: Small lake in north-west corner Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.187 Long.: 118.24.516

Topography Position: 20m west of western lake edge and mid bank at 1.5m above lakebed

Soils: Layers - 0-40cm sand; >40cm sandy-clay

Colours - 0cm - 10YR 7/4 greyish orange (dry);

50cm - 5YR 4/4 moderate brown (wet)

Site	Locn.	Species	Ht (cm)	% Cover
G439	5	<i>Angianthus microcephalus</i>	5	1
G439	5	<i>Argyrolottis turbinata</i>	70	60
G439	5	<i>Centrolepis polygina</i>	1	0.01
G439	5	<i>Centrolepis sp. 2</i>	1	0.01
G439	5	<i>?Cotula bipinnata</i>	2	0.01
G439	5	<i>Crassula sp. 1</i>	1	0.01
G439	5	<i>Darwinia aff. diosmoides</i>	60	1
G439	5	<i>Didymanthus roei</i>	15	0.01
G439	5	<i>Enchylaena tomentosa</i>	20	0.01
G439	5	<i>Gnephosis tridens</i>	2	0.01
G439	5	<i>Hyalochlamys globifera</i>	2	0.01
G439	5	<i>Lepidium ?rotundum</i>	5	0.01
G439	5	<i>Melaleuca thyoides</i>	400	12
G439	5	<i>Melaleuca sp. "scabra" group</i>	300	7
G439	5	<i>Podolepis capillaris</i>	15	0.01
G439	5	<i>Puccinellia stricta</i>	5	0.01
G439	5	<i>Rhagodia ?drummondii</i>	20	0.01
G439	5	<i>Stipa pycnostachya</i>	35	0.01
G439	5	<i>Trachymene ?elachocarpa</i>	1	0.01
G439	5	<i>Triglochin centrocarpa</i>	2	0.01
G439	5	* <i>Vulpia bromoides</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G440 Location: Reserve 26905

Location Notes: Small lake in north-west corner. Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.196 Long.: 118.24.561

Topography Position: 7m wide zone on western lake edge. 30-50cm above lake

Soils: Layers - 0-15cm sand, hard crusty ; 15-30cm black clay-sand (wet); >30cm sandy-clay

Colour - 0cm - 6YR 5/2 yellowish brown; 15-30cm - 5YR 3/4 moderate brown (wet)

50cm - 10YR 6/2 pale yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G440	5	<i>Frankenia cinerea/punctata</i>	15	0.01
G440	5	<i>Halosarcia halocnemoides</i>	35	15
G440	5	<i>Halosarcia lylei</i>	60	0.1

Site No: G441 Location: Reserve 26905

Location Notes: Small lake in north-west corner. Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.111 Long.: 118.24.621

Topography Position: 4m wide zone on eastern edge of lake and 30cm above lakebed

Soils: Hard crusty surface. Layer - 0-10cm sand; 10-35cm clay-sand; >35cm sandy-clay

Colour - 0cm - 10YR 6/4 moderate yellowish brown;

50cm - 10YR 6/2 pale yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G441	5	<i>Atriplex hymenotheca</i>	25	0.01
G441	5	<i>Frankenia cinerea/punctata</i>	15	0.5
G441	5	<i>Halosarcia halocnemoides</i>	35	8
G441	5	<i>Halosarcia lylei</i>	60	0.1
G441	5	<i>Halosarcia pergranulata</i>	15	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G442 Location: Reserve 26905

Location Notes: Small lake in north-west corner. Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.087 Long.: 118.24.612

Topography Position: Eastern edge of Lake, lowerslope of sand dune 20m wide zone
from lake edge and 50cm above lakebed.

Soils: Layer - 0-15cm sand; 15-25cm sandy-clay; >25cm sandy-clay

Colour - 0cm - 10YR 6/2 pale yellowish brown;

15-25cm - 10YR 4/2 dark yellowish brown (wet)

50cm - 10YR 6/2 pale yellowish brown (wet)

Site	Locn.	Species	Ht (cm)	% Cover
G442	5	<i>Frankenia drummondii</i>	1	0.01
G442	5	<i>Gahnia trifida</i>	35	0.01
G442	5	<i>Melaleuca</i> sp. "scabra" group	200	20
G442	5	<i>Melaleuca thyoides</i>	200	15
G442	5	<i>Wilsonia humilis</i>	5	0.1
G442	5+	* <i>Aira cupaniana</i>	5	0.01
G442	5+	<i>Angianthus microcephalus</i>	4	0.01
G442	5+	? <i>Asteraceae</i> sp.	1	0.01
G442	5+	<i>Centrolepis polygina</i>	1	0.01
G442	5+	? <i>Cotula bipinnata</i>	5	0.01
G442	5+	<i>Crassula</i> sp. 1	2	0.01
G442	5+	<i>Didymanthus roei</i>	15	0.01
G442	5+	<i>Gnephosis acicularis</i>	5	0.01
G442	5+	<i>Gnephosis tridens</i>	2	0.01
G442	5+	<i>Hyalochlamys globifera</i>	1	0.01
G442	5+	* <i>Mesembryanthemum nodiflorum</i>	5	0.01
G442	5+	<i>Senecio lautus</i> ssp. <i>maritimus</i>	15	0.01
G442	5+	<i>Stipa pycnostachya</i>	30	0.01
G442	5+	* <i>Vulpia bromoides</i>	5	5

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G443 Location: Reserve 26905

Location Notes: Small lake in north-west corner Recorder Initials: NC & AOC

Date: 17/12/94 GPS Lat.: 32.34.064 Long.: 118.24.667

Topography Position: 60m east of eastern edge of lake and 2m above lakebed

Soils: Layer - 0-50cm sand.

Colour - 0cm - 10YR 7/4 greyish orange; 50cm - 10YR 7/4 greyish orange

Site	Locn.	Species	Ht (cm)	% Cover
G443	5	<i>Acacia uncinella</i>	100	0.01
G443	5	<i>Amphipogon strictus</i>	10	0.01
G443	5	<i>Bossiaea spinescens</i>	40	0.1
G443	5	<i>Calytrix oldfieldii</i>	60	0.1
G443	5	<i>Cassytha glabella</i>		0.01
G443	5	<i>Dampiera ?tenuicaulis</i>	30	0.01
G443	5	<i>Darwinia aff. diosmoides</i>	60	0.3
G443	5	<i>Dicrastylis velutina</i>	40	0.01
G443	5	<i>Eucalyptus hypochlamydea ssp. "smooth bark"</i>	500	0.1
G443	5	<i>Exocarpos sparteus</i>	200	0.01
G443	5	<i>Gahnia trifida</i>	40	0.01
G443	5	<i>Gompholobium viscidulum</i>	30	1
G443	5	<i>Grevillea anethifolia</i>	150	0.01
G443	5	<i>Grevillea hookeriana</i>	50	0.01
G443	5	<i>Jacksonia ?ramulosa (ms)</i>	30	0.1
G443	5	<i>Lepidobolus preissianus</i>	15	0.01
G443	5	<i>Lepidosperma gracile</i>	25	0.01
G443	5	<i>Lepidosperma viscidum</i>	40	0.2
G443	5	<i>Leptospermum erubescens</i>	200	0.01
G443	5	<i>Lomandra ?collina</i>	40	0.01
G443	5	<i>Loxocarya myrioclada</i>	30	0.1
G443	5	<i>Melaleuca sp. "scabra" group</i>	100	8
G443	5	<i>Patersonia occidentalis</i>	20	0.01
G443	5	<i>Regelia inops</i>	100	0.1
G443	5	<i>Santalum acuminatum</i>	200	0.01
G443	5	<i>Thysanotus ?manglesianus</i>	20	0.01
G443	5	<i>Verticordia ?acerosa var. preissii</i>	20	0.01
G443	5	<i>Verticordia sp.</i>	20	0.01
G443	5	<i>Westringia rigida</i>	40	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G444 Location: Reserve 23366

Location Notes: Mid-way point, southern end Recorder Initials: NC & AOC

Date: 19/12/94 GPS Lat.: 32.30.906 Long.: 118.30.560

Topography Position: 1.5m high and 50m wide dune

Soils: Layer - 0-15cm sand; >15cm sand.

Colour - 0cm - 10YR 6/2 pale yellowish brown;
 50cm - 10YR 6/6 dark yellowish orange.

Site	Locn.		Species	Ht (cm)	% Cover
G444	5		<i>Acacia uncinella</i>	150	0.01
G444	5	*	<i>Aira cupaniana</i>	5	0.01
G444	5		<i>Angianthus microcephalus</i>	2	0.01
G444	5		<i>Argyrolottis turbinata</i>	60	0.01
G444	5	*	<i>Avena sp.</i>	60	0.01
G444	5	*	<i>Brassica tournefortii</i>	40	0.01
G444	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G444	5		<i>Chamelaucium ciliatum var. (a)</i>	30	0.01
G444	5		<i>?Cotula bipinnata</i>	5	0.01
G444	5		<i>Danthonia caespitosa</i>	15	0.01
G444	5		<i>Daviesia benthamii</i>	100	0.01
G444	5		<i>Dianella revoluta var. divaricata</i>	60	0.01
G444	5		<i>Enchylaena tomentosa</i>	15	0.01
G444	5		<i>Eremophila decipiens</i>	40	0.01
G444	5		<i>Erymophyllum tenellum</i>	5	0.01
G444	5		<i>Eucalyptus brachycorys</i>	400	6
G444	5		<i>Eucalyptus spathulata ssp. spathulata</i>	400	2
G444	5		<i>Goodenia sp.</i>	5	0.01
G444	5		<i>Grevillea huegelii</i>	30	0.01
G444	5		<i>Hakea sp.</i>	30	0.01
G444	5		<i>Halgania sp.</i>	15	0.01
G444	5		<i>Hibbertia sp.</i>	35	0.01
G444	5		<i>Jacksonia ?ramulosa (ms)</i>	40	0.01
G444	5		<i>Lawrencella rosea</i>	10	0.01
G444	5		<i>Lepidosperma viscidum</i>	20	0.01
G444	5		<i>Lomandra effusa</i>	35	0.01
G444	5		<i>Melaleuca uncinata</i>	300	0.01
G444	5	*	<i>Mesembryanthemum nodiflorum</i>	15	0.01
G444	5		<i>Neurachne alopecuroidea</i>	5	0.01
G444	5		<i>Podotheca angustifolia</i>	5	0.01
G444	5		<i>Pogonolepis stricta</i>	2	0.01
G444	5		<i>Rhagodia ?drummondii</i>	40	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site	Locn.	Species	Ht (cm)	% Cover
G444	5	<i>Stipa elegantissima</i>		0.01
G444	5	<i>Stipa hemipogon</i>	30	0.01
G444	5	<i>Thysanotus ?manglesianus</i>		0.01
G444	5	<i>Triodia irritans</i>	30	0.01
G444	5	* <i>Ursinia anthemoides</i>	20	0.01
G444	5	* <i>Vulpia bromoides</i>	15	0.01
G444	5	<i>Waitzia acuminata</i>	10	0.01
G444	5+	<i>Santalum acuminatum</i>	300	0.01
G444	NA	<i>Darwinia aff. diosmoides</i>	40	0.01

Site No: G445 Location: Reserve 23366

Location Notes: Mid-way southern end. Recorder Initials: NC & AOC Date: 19/12/94

GPS Lat.: 32.32.920 Long.: 118.30.565

Topography Position: Fringe of dune into depression which is now flooded.

Soils: Layer - 0-20cm sandy silt; >20cm clayey-sand

Colour - 0cm - 10YR 6/4 pale yellowish brown;

50cm - 10YR 5/4 pale yellowish brown

Comments: Depression has dead *E. spathulata*, once dominant.

Site	Locn.	Species	Ht (cm)	% Cover
G445	5	<i>Centrolepis sp. 2</i>	2	0.01
G445	5	<i>Disphyma crassifolium</i>	5	0.01
G445	5	<i>Enchylaena tomentosa</i>	15	0.01
G445	5	<i>Eucalyptus spathulata ssp. spathulata</i>	400	1
G445	5	<i>Gnephosis acicularis</i>	5	0.01
G445	5	<i>Gnephosis tridens</i>	2	0.01
G445	5	<i>Halosarcia halocnemoides</i>	20	0.01
G445	5	<i>Halosarcia lylei</i>	80	25
G445	5	<i>Melaleuca sp. "scabra" group</i>	300	8
G445	5	<i>Rhagodia ?drummondii</i>	60	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G446 Location: Reserve 23366

Location Notes: Central Recorder Initials: NC & AOC Date: 19/12/94

GPS Lat.: 32.31.858 Long.: 118.30.575

Topography Position: Dune < 1m above samphire pan, 40m, east of western edge.

Soils: Layer - 0-10cm silty-sand (+ humus); > 10cm silty sand

Colour - 0cm - 10YR 5/4 moderate yellowish brown; 50cm - 5YR 5/4 light brown

Comments: SandP(it) is a disturbed area used for sand extraction

Site	Locn.	Species	Ht (cm)	% Cover
G446	5	<i>Acacia colletioides</i>	200	10
G446	5	<i>Acacia merrallii</i>	100	0.01
G446	5	<i>Alyxia buxifolia</i>	200	0.01
G446	5	<i>Argyrolottis turbinata</i>		0.01
G446	5	<i>Bossiaea spinescens</i>	50	0.01
G446	5	<i>Chamelaucium ciliatum</i> var. (a)	70	0.01
G446	5	<i>Clematis delicata</i> (ms)		0.01
G446	5	<i>Comesperma volubile</i>		0.01
G446	5	<i>Danthonia caespitosa</i>	30	0.01
G446	5	<i>Dianella revoluta</i> var. <i>divaricata</i>	50	0.01
G446	5	<i>Enchylaena tomentosa</i>	30	0.01
G446	5	<i>Eremophila decipiens</i>	60	0.01
G446	5	<i>Erymophyllum tenellum</i>	10	0.01
G446	5	<i>Eucalyptus spathulata</i> ssp. <i>spathulata</i>	1500	2
G446	5	<i>Exocarpos aphyllus</i>	200	0.01
G446	5	<i>Hakea preissii</i>	300	0.5
G446	5	<i>Lepidium ?rotundum</i>	10	0.01
G446	5	<i>Lomandra effusa</i>	35	0.01
G446	5	<i>Melaleuca lateriflora</i>	500	0.1
G446	5	<i>Podolepis capillaris</i>	15	0.01
G446	5	<i>Podotheca angustifolia</i>	10	0.01
G446	5	<i>Rhagodia ?drummondii</i>	100	0.5
G446	5	<i>Scaevola spinescens</i>	100	0.01
G446	5	<i>Sclerolaena ?diacantha</i>	20	0.01
G446	5	<i>Stipa elegantissima</i>		0.01
G446	5	<i>Stipa hemipogon</i>	40	0.01
G446	5	* <i>Ursinia anthemoides</i>	15	0.01
G446	5	* <i>Vulpia bromoides</i>	10	25
G446	5	<i>Waitzia acuminata</i>	15	1
G446	SandP	<i>Acacia hemiteles</i>	200	0.01
G446	SandP	<i>Atriplex hymenotheca</i>	20	0.01
G446	SandP	* <i>Carpobrotus ?aequilaterus</i>	5	0.01
G446	SandP	<i>Hyalochlamys globifera</i>	1	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site	Locn.	Species	Ht (cm)	% Cover
G446	SandP	<i>Maireana carnososa</i>	5	0.01
G446	SandP	<i>Melaleuca acuminata ssp. acuminata (ms)</i>	200	0.01
G446	SandP	<i>Podolepis capillaris</i>	10	0.01
G446	SandP	<i>Sclerolaena diacantha</i>	5	0.01
G446	SandP	<i>Sclerolaena parviflora</i>	15	0.01
G446	SandP	<i>Thysanotus ?manglesianus</i>		0.01
G446	SandP	<i>Wilsonia humilis</i>	5	0.01

Site No: G447 Location: Reserve 23366

Location Notes: Central Recorder Initials: NC & AOC Date: 19/12/94

GPS Lat.: 32.31.855 Long.: 118.30.488

Topography Position: 4m band on western edge of dune. (G446)

Soils: Layer - 0-5cm sandy-silt; 5->15cm clay-sand

Colour - 0cm - 5YR 5/4 light brown; 50cm - 10YR 6/2 pale yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G447	5	<i>Atriplex hymenotheca</i>	30	1
G447	5	<i>Halosarcia halocnemoides</i>	30	20
G447	5	<i>Halosarcia lylei</i>	80	8
G447	5	<i>Halosarcia ?pergranulata</i>		0.01
G447	5+	<i>Cotula cotuloides</i>	5	0.01
G447	5+	<i>Gnephosis tridens</i>	5	0.01
G447	5+	<i>Hyalochlamys globifera</i>	1	0.1
G447	5+	<i>Maireana carnososa</i>	5	0.01
G447	5+	<i>Mesembryanthemum nodiflorum</i>	5	0.01
G447	5+	<i>Podolepis capillaris</i>	15	0.01
G447	5+	<i>Puccinellia stricta</i>	10	10

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G448 Location: Reserve 23366

Location Notes: Lake in north-west Recorder Initials: NC & AOC Date: 19/12/94

GPS Lat.: 32.31.799 Long.: 118.29.890

Topography Position: Top of 3m dune on eastern side of lake. 150m south-east of lake edge

Soils: Layer - 0-20cm sandy-silt; >20cm silty clay

Colour - 0cm - 10YR 5/4 moderate yellow brown; 50cm - 5YR 5/6 light brown.

Comments: Gypsum pockets in soil.

Site	Locn.	Species	Ht (cm)	% Cover
G448	5	<i>Atriplex ?hymenotheca</i>	40	0.01
G448	5	<i>Eucalyptus myriadena</i>	1400	12
G448	5	<i>Melaleuca lateriflora</i>	200	0.01
G448	5	<i>Melaleuca pauperiflora ssp. fastigiata</i>	500	1
G448	5	<i>Olearia muelleri</i>	30	0.01
G448	5	<i>Pittosporum phylliraeoides</i>	300	0.01
G448	5+	<i>Acacia hemiteles</i>	70	0.01
G448	5+	<i>Acacia merrallii</i>	60	0.01
G448	5+	* <i>Aira cupaniana</i>	2	0.01
G448	5+	<i>Alyxia buxifolia</i>	150	0.01
G448	5+	<i>Angianthus microcephalus</i>	2	0.01
G448	5+	<i>Argyrolottis turbinata</i>		0.01
G448	5+	<i>Atriplex nummularia</i>	150	0.01
G448	5+	<i>Bromus arenarius</i>	5	0.01
G448	5+	* <i>Carpobrotus ?aequilaterus</i>	5	0.01
G448	5+	<i>Danthonia caespitosa</i>	20	0.01
G448	5+	<i>Enchylaena tomentosa</i>	60	0.01
G448	5+	<i>Eremophila decipiens</i>	30	0.01
G448	5+	<i>Exocarpos aphyllus</i>	200	0.01
G448	5+	<i>Grevillea acuaria</i>	60	0.01
G448	5+	<i>Hakea preissii</i>		0.01
G448	5+	<i>Hakea sp.</i>	40	0.01
G448	5+	<i>Lepidium ?rotundum</i>	5	0.01
G448	5+	<i>Lycium australe</i>	100	0.01
G448	5+	<i>Maireana carnosia</i>	1	0.01
G448	5+	<i>Rhagodia ?drummondii</i>	60	0.01
G448	5+	<i>Santalum acuminatum</i>	300	0.01
G448	5+	<i>Scaevola spinescens</i>		0.01
G448	5+	<i>Sclerolaena ?diacantha</i>	20	0.01
G448	5+	<i>Stipa elegantissima</i>		0.01
G448	5+	<i>Stipa trichophylla ssp. scabra</i>	30	0.01
G448	5+	<i>Thysanotus ?manglesianus</i>		0.01
G448	5+	* <i>Vulpia bromoides</i>	5	5
G448	5+	<i>Waitzia acuminata</i>	5	18
G448	5+	<i>Zygophyllum ?compressum</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G449 Location: Reserve 23366

Location Notes: Lake in north-west. Recorder Initials: NC & AOC Date: 19/12/94

GPS Lat.: 32.31.777 Long.: 118.29.875

Topography Position: Mid-slope on eastern bank of lake. 2m above lakebed,
60m from south-east corner of lake.

Soils: Layer - 0-50cm silty-sand, gypsiferous.

Colour - 0cm and 50cm - 10YR 6/2 pale yellowish brown;

Site	Locn.	Species	Ht (cm)	% Cover
G449	5	<i>Acacia hemiteles</i>	50	0.01
G449	5	<i>Bossiaea spinescens</i>	50	0.1
G449	5	<i>Darwinia aff. diosmoides</i>	40	5
G449	5	<i>Daviesia benthamii</i>	60	0.01
G449	5	<i>Eucalyptus spathulata ssp. spathulata</i>	800	0.01
G449	5	<i>Leucopogon aff. insularis</i>	70	0.01
G449	5	<i>Melaleuca sp. "scabra" group</i>	200	0.01
G449	5	<i>Pittosporum phylliraeoides</i>	300	0.01
G449	5	<i>Santalum acuminatum</i>	300	0.01
G449	5+	* <i>Aira cupaniana</i>	5	0.01
G449	5+	<i>Amphipogon amphipogonoides</i>	10	0.01
G449	5+	<i>Amphipogon strictus</i>	20	0.1
G449	5+	<i>Angianthus microcephalus</i>	2	0.01
G449	5+	<i>Comesperma volubile</i>		0.01
G449	5+	? <i>Cotula bipinnata</i>	5	0.02
G449	5+	<i>Crassula ?sieberiana</i>	2	0.01
G449	5+	<i>Enchylaena tomentosa</i>	20	0.01
G449	5+	<i>Gnephosis drummondii</i>	2	0.01
G449	5+	<i>Goodenia sp.</i>	2	0.01
G449	5+	<i>Goodenia sp. 2</i>	2	0.01
G449	5+	<i>Hyalosperma glutinosum ssp. glutinosum</i>	15	0.01
G449	5+	<i>Lawrencella rosea</i>	5	0.01
G449	5+	<i>Lomandra effusa</i>	40	0.1
G449	5+	* <i>Mesembryanthemum nodiflorum</i>		0.01
G449	5+	<i>Podotheca angustifolia</i>		0.01
G449	5+	<i>Rhagodia ?drummondii</i>	50	0.01
G449	5+	<i>Stipa ?nitida</i>	40	0.01
G449	5+	<i>Thysanotus ?manglesianus</i>		0.01
G449	5+	* <i>Vulpia bromoides</i>	5	0.01
G449	5+	<i>Waitzia acuminata</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: **G450** Location: **Reserve 23366**

Location Notes: Lake in north-west Recorder Initials: NC & AOC Date: 19/12/94

GPS Lat.: 32.31.780 Long.: 118.29.852

Topography Position: 50cm above lake bed and 15m from lake edge.

Soils: Layer - 0-55cm clay-gypsum; >55cm clay

Colour - 0cm and 50cm - 10YR 6/2 pale yellowish brown

Comments: South and east shore, active areas of wind erosion/deposition.

Site	Locn.	Species	Ht (cm)	% Cover
G450	5	<i>Halosarcia lylei</i>	50	7

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G451 Location: Reserve 22519/22906 Lake Kondinin

Location Notes: South-west corner of reserve, 40m North of road on south edge of reserve

Recorder Initials: NC, AOC Date: 20/12/94 GPS Lat.: 32.29.615 Long.: 118.11.078

Topography Position: Secondary low sand dune.

Soils: Layer - 0-50cm sand

Colour - 0cm - 10YR 5/4 moderate yellowish brown;

50cm - 10YR 7/4 greyish orange

Comments: Sand mining has occurred on this Reserve & should be curtailed, this is called SandP. Pockets of gypsiferous crust

Site	Locn.	Species	Ht (cm)	% Cover
G451	5	<i>Enchylaena tomentosa</i>	35	0.01
G451	5	<i>Eucalyptus loxophleba</i> ssp. <i>loxophleba</i>	1000	15
G451	5	<i>Hydrocotyle ?asiatica</i>	5	0.01
G451	5	<i>Leptospermum erubescens</i>	3	0.01
G451	5	<i>Olearia revoluta</i>	150	3
G451	5	<i>Santalum acuminatum</i>	300	0.1
G451	5+	<i>Acacia</i> aff. <i>rostellifera</i>	40	0.01
G451	5+	* <i>Aira cupaniana</i>	5	0.01
G451	5+	* <i>Avena</i> sp.	40	0.01
G451	5+	* <i>Brassica tournefortii</i>	40	0.01
G451	5+	* <i>Carpobrotus ?aequilaterus</i>	20	0.01
G451	5+	<i>Chamelaucium ciliatum</i> var. (a)	100	0.01
G451	5+	<i>Clematis delicata</i> (ms)		0.01
G451	5+	<i>Comesperma volubile</i>		0.01
G451	5+	<i>Enchylaena tomentosa</i>	30	0.01
G451	5+	<i>Eucalyptus loxophleba</i> ssp. <i>loxophleba</i>	700	0.1
G451	5+	<i>Lepidosperma ?costale</i>	35	0.01
G451	5+	<i>Lomandra effusa</i>	30	0.01
G451	5+	<i>Loxocarya myrioclada</i>	20	0.1
G451	5+	<i>Lycium australe</i>	150	0.01
G451	5+	<i>Neurachne alopecuroidea</i>	15	1
G451	5+	<i>Podotheca angustifolia</i>	10	0.01
G451	5+	<i>Rhagodia ?drummondii</i>	60	1
G451	5+	<i>Stipa elegantissima</i>	50	0.01
G451	5+	<i>Stipa scabra</i>	40	0.01
G451	5+	<i>Stylidium repens</i>	5	0.01
G451	5+	<i>Thysanotus ?manglesianus</i>		0.01
G451	5+	* <i>Ursinia anthemoides</i>	15	0.01
G451	5+	<i>Waitzia acuminata</i>	15	15
G451	5+	<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	20	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site	Locn.	Species	Ht (cm)	% Cover
G451	SandP	<i>Acacia acuminata ssp. acuminata</i>	400	0.01
G451	SandP	<i>Acacia acutata</i>	60	0.01
G451	SandP	<i>Acacia leptopetala</i>	100	0.01
G451	SandP	<i>Acacia merrallii</i>	30	<0.01
G451	SandP	<i>Angianthus microcephalus</i>	5	0.01
G451	SandP	<i>Bossiaea peduncularis</i>	70	0.01
G451	SandP	<i>Corynotheca micrantha</i>	20	0.01
G451	SandP	<i>Eucalyptus sargentii</i>	1000	0.01
G451	SandP	<i>Grevillea anethifolia</i>	300	<0.01
G451	SandP	<i>Hibbertia enervia complex</i>	30	<0.01
G451	SandP	<i>Melaleuca uncinata</i>	200	7
G451	SandP	<i>Melaleuca sp. "scabra" group</i>	400	0.01
G451	SandP	<i>Muehlenbeckia adpressa</i>		<0.01
G451	SandP	* <i>Zaluzianskya divaricata</i>		0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G452 Location: Reserve 22519/22906 Lake Kondinin

Location Notes: Lake Kondinin south-west corner Recorder Initials: NC & AOC

Date: 20/12/94 GPS Lat.: 32.30.988 Long.: 118.11.828

Topography Position: Secondary southern dune > 400m south of lake edge.

Sand-dune 2m above surrounding saltpan

Soils: Layer - 0-50cm sand

Colour - 0cm - 10YR 6/2 pale yellowish brown; 50cm - 10YR 7/4 greyish orange.

Site	Locn.		Species	Ht (cm)	% Cover
G452	5	*	<i>Avena sp.</i>	40	0.01
G452	5	*	<i>Brassica tournefortii</i>	40	0.01
G452	5		<i>Danthonia caespitosa</i>	25	0.01
G452	5		<i>Eucalyptus loxophleba ssp. loxophleba</i>	1000	15
G452	5		<i>Hibbertia enervia complex</i>	40	0.1
G452	5		<i>Leptospermum erubescens</i>	300	0.1
G452	5	*	<i>Ursinia anthemoides</i>	10	0.01
G452	5	*	<i>Vulpia bromoides</i>	10	30
G452	5+		<i>Bossiaea peduncularis</i>	70	0.01
G452	5+		<i>Bromus arenarius</i>	15	0.01
G452	5+		<i>Calytrix oldfieldii</i>	100	0.01
G452	5+		<i>Corynotheca micrantha</i>	20	0.01
G452	5+		<i>Enchylaena tomentosa</i>	40	0.01
G452	5+		<i>Eucalyptus kondininensis</i>	1800	0.1
G452	5+		<i>Exocarpos aphyllus</i>	100	0.01
G452	5+		<i>Grevillea anethifolia</i>	100	0.01
G452	5+		<i>Lepidium ?rotundum</i>	5	0.01
G452	5+		<i>Lepidobolus ?chaetocephalus</i>	35	0.01
G452	5+		<i>Lepidosperma ?costale</i>	30	0.01
G452	5+		<i>Lomandra effusa</i>	40	0.01
G452	5+		<i>Lycium australe</i>	150	0.01
G452	5+		<i>Melaleuca pauperiflora ssp. fastigiata</i>		0.01
G452	5+		<i>Melaleuca sp. "scabra" group</i>	400	0.01
G452	5+		<i>Olearia revoluta</i>	100	0.1
G452	5+		<i>Podotheca angustifolia</i>	5	0.01
G452	5+		<i>Ptilotus polystachyus ?var. polystachyus</i>	35	0.01
G452	5+		<i>Rhagodia ?drummondii</i>	40	0.01
G452	5+		<i>Santalum acuminatum</i>	200	0.01
G452	5+		<i>Sclerolaena ?diacantha</i>	10	0.01
G452	5+		<i>Senecio lautus ssp. maritimus</i>	20	0.01
G452	5+		<i>Stipa elegantissima</i>		0.01
G452	5+		<i>Stipa scabra</i>	40	0.01
G452	5+		<i>Stipa trichophylla</i>	40	0.01
G452	5+		<i>Thysanotus ?manglesianus</i>		0.01
G452	5+	*	<i>Zaluzianskya divaricata</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G453 Location: Reserve 26905/26692

Location Notes: Western end of reserve. (~ 600m from west end.) Recorder Initials: NC,AOC

Date: 20/12/94 GPS Lat.: 32.35.546 Long.: 118.20.974

Topography Position: Large sand-dune on east of collapsed lake

Soils: Layer - 0-48cm silty-sand; >48cm clayey silty sand

Colour - 0cm - 10YR 5/2 moderate yellowish brown;

>5cm - 10YR 8/2 pale orange.

50cm - 10YR 4/6 dark yellowish orange.

Site	Locn.	Species	Ht (cm)	% Cover
G453	5	<i>Acacia hemiteles</i>	50	0.01
G453	5	<i>Alyxia buxifolia</i>	200	0.01
G453	5	<i>Billardiera ?bicolor</i>		0.01
G453	5	<i>Calytrix oldfieldii</i>	30	0.01
G453	5	<i>Chamelaucium ciliatum</i> var. (a)	40	0.01
G453	5	<i>Daviesia ?elongata</i>	150	0.01
G453	5	<i>Dianella revoluta</i> var. <i>brevicaulis</i>	70	0.01
G453	5	<i>Eremophila decipiens</i>	60	0.01
G453	5	<i>Erymophyllum tenellum</i>	10	0.01
G453	5	<i>Eucalyptus hypochlamydea</i> ssp. "smooth bark"	1500	20
G453	5	<i>Exocarpos aphyllus</i>	150	0.01
G453	5	<i>Halgania ?priessiana</i>	20	0.01
G453	5	<i>Lawrencella rosea</i>	10	0.01
G453	5	<i>Lepidobolus preissianus</i>	20	0.01
G453	5	<i>Lepidosperma gracile</i>	15	0.01
G453	5	<i>Lepidosperma resinosum</i>	40	3
G453	5	<i>Leptospermum erubescens</i>	100	0.01
G453	5	<i>Lomandra effusa</i>	50	1
G453	5	<i>Loxocarya myrioclada</i>	20	2
G453	5	<i>Melaleuca laxiflora</i>	150	0.01
G453	5	<i>Neurachne alopecuroidea</i>	5	0.01
G453	5	<i>Olearia revoluta</i>	100	0.01
G453	5	<i>Podotheca angustifolia</i>	5	0.01
G453	5	<i>Rhagodia ?drummondii</i>	70	0.01
G453	5	<i>Santalum acuminatum</i>	150	0.01
G453	5	<i>Stipa elegantissima</i>		0.01
G453	5	<i>Thomasia ?sarotes</i>	40	0.01
G453	5	<i>Thysanotus ?manglesianus</i>		0.01
G453	5	* <i>Ursinia anthemoides</i>	15	0.01
G453	5	<i>Waitzia acuminata</i>	10	5
G453	5	<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	20	0.01
G453	5	<i>Westringia rigida</i>	30	0.01
G453	5+	<i>Acacia uncinata</i>	300	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G454 Location: Reserve 26905/26692

Location Notes: Western end of reserve. (~600m from west end.) Recorder Initials: NC,AOC

Date: 20/12/94 GPS Lat.: 32.35.455 Long.: 118.20.907

Topography Position: Depression edge 100m to the west of major dune.

Soils: Layer - 0-15cm sandy-silt; > 15cm sandy-clay

Colour - 0cm - 10YR 5/6 moderately brown;
50cm - 10YR 6/2 pale yellowish brown.

Site	Locn.		Species	Ht (cm)	% Cover
G454	5		<i>Acacia hemiteles</i>	60	0.01
G454	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G454	5		<i>Danthonia acerosa</i>	40	0.01
G454	5		<i>Enchylaena tomentosa</i>	40	0.01
G454	5		<i>Eremophila decipiens</i>	100	0.01
G454	5		<i>Eucalyptus spathulata ssp. spathulata</i>	1000	0.1
G454	5		<i>Lycium australe</i>	1500	0.01
G454	5		<i>Maireana erioclada</i>	40	0.01
G454	5		<i>Melaleuca acuminata ssp. acuminata (ms)</i>		5
G454	5		<i>Melaleuca lateriflora</i>	600	15
G454	5		<i>Rhagodia ?drummondii</i>	40	0.5
G454	5+	*	<i>Aira cupaniana</i>	5	0.01
G454	5+		<i>Bromus arenarius</i>	10	0.01
G454	5+		<i>Comesperma volubile</i>		0.01
G454	5+		<i>?Cotula bipinnata</i>	5	0.01
G454	5+		<i>Danthonia caespitosa</i>	35	0.01
G454	5+		<i>Erodium sp.</i>	5	0.01
G454	5+		<i>Exocarpos aphyllus</i>	200	0.01
G454	5+		<i>Hyalochlamys globifera</i>		0.01
G454	5+		<i>Lawrencella rosea</i>	10	0.01
G454	5+		<i>Lepidium ?rotundum</i>	15	0.01
G454	5+		<i>Podolepis lessonii</i>	10	0.01
G454	5+		<i>Ptilotus spathulatus</i>	5	0.01
G454	5+		<i>Stipa elegantissima</i>		0.01
G454	5+	*	<i>Ursinia anthemoides</i>	15	10
G454	5+	*	<i>Vulpia bromoides</i>	10	20

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G455 Location: reserve 26905/26692

Location Notes: Western end of reserve. (~600m from west end.) Recorder Initials: NC,AOC

Date: 20/12/94 GPS Lat.: 32.35.622 Long.: 118.21.052

Topography Position: 15m wide zone on eastern edge of lake/dune, 30-100cm above lake bed.

Soils: Layer - 0-35cm sandy-silt; >35cm sandy clay (?gypsum)

Colour - 0cm - 10YR 5/2 pale yellowish brown;

50cm - 10YR 6/2 pale yellowish brown.

Site	Locn.	Species	Ht (cm)	% Cover
G455	5	* <i>Carpobrotus ?aequilaterus</i>	5	0.01
G455	5	<i>Enchylaena tomentosa</i>	20	0.01
G455	5	<i>Eremophila decipiens</i>	70	0.01
G455	5	<i>Eucalyptus spathulata</i> ssp. <i>spathulata</i>	1500	15
G455	5	<i>Lomandra effusa</i>	40	0.1
G455	5	<i>Lycium australe</i>	70	0.01
G455	5	<i>Melaleuca lateriflora</i>	600	5
G455	5	<i>Rhagodia ?drummondii</i>	40	0.1
G455	5+	<i>Acacia acuminata</i>	300	0.01
G455	5+	<i>Angianthus microcephalus</i>	5	5
G455	5+	<i>Danthonia caespitosa</i>	5	0.1
G455	5+	<i>Podolepis capillaris</i>	10	0.01
G455	5+	<i>Podotheca angustifolia</i>	5	0.01
G455	5+	<i>Pogonolepis stricta</i>	2	2
G455	5+	<i>Ptilotus spathulatus</i>	5	0.01
G455	5+	* <i>Ursinia anthemoides</i>	10	0.01
G455	5+	* <i>Vulpia bromoides</i>	10	2
G455	5+	<i>Waitzia acuminata</i>	10	2

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G456 Location: Reserve 26905/26692

Location Notes: Western end of reserve. (~ 600m from west end.) Recorder Initials: NC,AOC

Date: 20/12/94 GPS Lat.: 32.35.647 Long.: 118.21.047

Topography Position: 70m east of main dune

Soils: Layer - 0-40cm sandy-clay, ?gypsiferous; >40cm sandy-clay

Colour - 0cm - 10YR 6/2 pale yellowish brown;
50cm - 10YR 6/1 pale yellowish brown.

Site	Locn.	Species	Ht (cm)	% Cover
G456	5	<i>Angianthus pygmaeus</i>	1	0.01
G456	5	<i>Cotula cotuloides</i>	10-15	0.01
G456	5	<i>Halosarcia ?halocnemoides</i>	15	0.01
G456	5	<i>Halosarcia indica ssp. bidens</i>	40	0.01
G456	5	<i>Halosarcia lepidosperma</i>	40	0.01
G456	5	<i>Halosarcia leptoclada ssp. inclusa</i>	40	5
G456	5	<i>Juncus bufonius</i>	5	0.01
G456	5	<i>Lawrenzia squamata</i>	20	0.01
G456	5	<i>Roycea spinescens</i>	15	0.1
G456	5	<i>Sarcocornia globosa</i>	30	2
G456	5	<i>Senecio lautus ssp. maritimus</i>	20	0.01
G456	5	* <i>Spergularia ?rubra</i>	15	0.01
G456	5	<i>Wilsonia humilis</i>	10	0.1
G456	5+	<i>Triglochin mucronata</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G457 Location: Reserve 26905/26692

Location Notes: Western end of reserve. (~ 600m from west end.) Recorder Initials: NC,AOC

Date: 20/12/94 GPS Lat.: 32.35.682 Long.: 118.21.082

Topography Position: 5m band on west edge of samphire flat, < 30cm above its level

Soils: Layer - 0-15cm sandy-silt; > 15cm sandy-clay and gypsum

Colour - 0cm - 10YR 6/2 pale yellowish brown;

50cm - 10YR 5/4 moderate yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G457	5	<i>Angianthus microcephalus</i>	2	1
G457	5	<i>Atriplex ?hymenotheca</i>	20	0.01
G457	5	<i>Atriplex paludosa</i> var. <i>baudinii</i>	60	0.01
G457	5	<i>Bromus arenarius</i>	20	0.01
G457	5	<i>Centrolepis polygina</i>	2	0.1
G457	5	<i>Centrolepis</i> sp. 2	1	0.01
G457	5	<i>Crassula sieberiana</i>	2	0.01
G457	5	<i>Enchylaena tomentosa</i>	30	0.01
G457	5	<i>Eucalyptus spathulata</i> ssp. <i>spathulata</i>	1000	2
G457	5	<i>Frankenia ?setosa</i>	20	0.1
G457	5	<i>Halosarcia indica</i> ssp. <i>bidens</i>	40	0.1
G457	5	<i>Halosarcia lepidosperma</i>	40	0.01
G457	5	<i>Hemichroa diandra</i>	30	0.01
G457	5	<i>Hyalochlamys globifera</i>	1	0.01
G457	5	<i>Lepidium ?rotundum</i>	5	0.01
G457	5	<i>Lycium australe</i>	100	0.01
G457	5	<i>Melaleuca lateriflora</i>	600	4
G457	5	<i>Melaleuca</i> sp. "scabra" group	200	25
G457	5	* <i>Parentucellia latifolia</i>	5	0.01
G457	5	<i>Pogonolepis stricta</i>	2	20
G457	5	<i>Ptilotus spathulatus</i>	5	0.01
G457	5	<i>Rhagodia ?drummondii</i>	40	1
G457	5	<i>Sarcocornia blackiana</i>	20	0.01
G457	5	<i>Sarcocornia globosa</i>	10	0.01
G457	5	<i>Sclerostegia arbuscula</i>	20	0.01
G457	5	<i>Senecio lautus</i> ssp. <i>maritimus</i>	20	0.01
G457	5	<i>Siloxerus pygmaeus</i>	1	0.01
G457	5	* <i>Vulpia bromoides</i>	10	15

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G458 Location: Reserve 26905/26692

Location Notes: Western end of reserve. (~ 600m from west end.) Recorder Initials: NC, AOC
Date: 20/12/94 GPS Lat.: 32.35.714 Long.: 118.21.041

Topography Position: Low sand-dune.

Soils: Layer - 0-50cm sand.

Colour - 0cm - 10YR 7/4 greyish orange; 50cm - 10YR 7/6 greyish orange

Site	Locn.		Species	Ht (cm)	% Cover
G458	5		<i>Acacia uncinella</i>	200	0.01
G458	5		<i>Chamelaucium ciliatum</i> var. (a)	30	0.01
G458	5		<i>Comesperma volubile</i>		0.01
G458	5		<i>Eucalyptus salicola</i>	1500	0.01
G458	5		<i>Grevillea anethifolia</i>	200	0.01
G458	5		<i>Lepidobolus preissianus</i>	25	0.01
G458	5		<i>Leptospermum erubescens</i>	200	12
G458	5		<i>Lomandra collina</i>	40	0.01
G458	5		<i>Santalum acuminatum</i>	300	0.1
G458	5+	*	<i>Aira cupaniana</i>	5	0.01
G458	5+	*	<i>Avena</i> sp.	50	0.01
G458	5+	*	<i>Brassica tournefortii</i>	30	0.01
G458	5+		<i>Calytrix oldfieldii</i>	40	0.01
G458	5+		<i>Drosera ?macrantha</i>		0.01
G458	5+		<i>Eragrostis dielsii</i>	2	0.01
G458	5+		<i>Erymophyllum tenellum</i>	5	0.01
G458	5+		<i>Hibbertia enervia</i> complex	30	0.01
G458	5+		<i>Jacksonia ?ramulosa</i> (ms)	40	0.01
G458	5+		<i>Lepidosperma tenue</i>	20	0.01
G458	5+		<i>Podolepis ?canescens</i>	10	0.01
G458	5+		<i>Podotheca angustifolia</i>	5-35	0.01
G458	5+		<i>Stipa elegantissima</i>		0.01
G458	5+		<i>Stypandra glauca</i>	50	0.01
G458	5+	*	<i>Ursinia anthemoides</i>	10	0.01
G458	5+	*	<i>Vulpia bromoides</i>	10	10
G458	5+		<i>Waitzia acuminata</i>	15	5
G458	5+		<i>Waitzia suaveolens</i> var. <i>suaveolens</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G459 Location: Jilakin Lake (Reserve 15385)

Location Notes: South-west corner Recorder Initials: NC , AOC

Date: 21/12/94 GPS Lat.: 32.39.894 Long.: 118.20.318

Topography Position: A 40m wide zone, 15m from lake edge on south-west shore
and 50cm above lake bed.

Soils: Layer - Gypsum embankment; 0-45cm silt; >45cm sand pebble

Colour - 0cm - 10YR 6/2 pale yellowish brown;

50cm - 10YR 5/2 moderate yellowish brown

Site	Locn.		Species	Ht (cm)	% Cover
G459	5		<i>Frankenia cinerea/punctata</i>	15	0.01
G459	5		<i>Halosarcia halocnemoides ssp. caudata</i>	20	0.01
G459	5		<i>Halosarcia ?halocnemoides ssp. caudata</i>	30	5
G459	5		<i>Halosarcia pergranulata</i>	35	10
G459	5		<i>Halosarcia syncarpa</i>	15	0.01
G459	5		<i>Halosarcia undulata</i>	20	0.1
G459	5+	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G459	5+	*	<i>Hordeum sp.</i>	15	0.01
G459	5+	*	<i>Lolium perenne</i>	30	0.01
G459	5+		<i>Melaleuca sp. (dead)</i>	150	0.01
G459	5+	*	<i>Mesembryanthemum nodiflorum</i>	5	0.1
G459	5+		<i>Puccinellia stricta</i>	5	25

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G460 Location: Jilakin Lake (Reserve 15385)

Location Notes: South-west side Recorder Initials: NC, AOC Date: 21/12/94

GPS Lat.: 32.39.908 Long.: 118.20.283

Topography Position: A 50m wide zone, 60m from shore and 1m above lake bed.

Soils: Layer - 0-20cm silt and large granite fragments;

> 20cm clay and quartz fragments

Colour - 0cm - 10YR 6/2 pale yellow brown; 50cm - 5Y 8/1 yellowish grey

Site	Locn.	Species	Ht (cm)	% Cover
G460	5	<i>Halosarcia indica ssp. bidens</i>	50	0.1
G460	5	<i>Halosarcia pergranulata</i>	35	5
G460	5	<i>Halosarcia syncarpa</i>		0.01
G460	5+	<i>Casuarina obesa</i>	300	0.01
G460	5+	<i>Eucalyptus sp. (dead)</i>	1500	0.01
G460	5+	<i>Lycium australe</i>	100	0.01
G460	5+	<i>Melaleuca lateriflora</i>	200	0.01
G460	5+	<i>Pogonolepis stricta</i>	2	0.1
G460	5+	<i>Rhagodia ?drummondii</i>	40	0.01
G460	5+	* <i>Avena sp.</i>	40	0.01
G460	5+	<i>Bromus arenarius</i>	15	60
G460	5+	* <i>Carpobrotus ?aequilaterus</i>	15	0.01
G460	5+	<i>Cotula bipinnata</i>	5	0.01
G460	5+	<i>Eragrostis dielsii</i>	2	0.01
G460	5+	<i>Erodium cygnorum</i>	5	0.01
G460	5+	<i>Gahnia trifida</i>	70	0.01
G460	5+	* <i>Mesembryanthemum nodiflorum</i>	5	0.01
G460	5+	<i>Senecio lautus ssp. maritimus</i>	20	0.01
G460	5+	* <i>Trifolium hirtum</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G461 Location: Jilakin Lake (Reserve 15385)

Location Notes: South-west edge Recorder Initials: NC, AOC Date: 21/12/94

GPS Lat.: 32.39.918 Long.: 118.20.264

Topography Position: 100m from south-west lake edge and 2m above lake bed.

Soils: Layer - 0-30cm silt & large quartz crystals;

> 30cm silt (clayey) & large quartz crystals.

Colour - 0cm - 10YR 6/4 pale yellowish brown;

50cm - 10YR 6/2 pale yellowish brown

Comments: This series of sites part of a gradual slope down to the water.

Site	Locn.	Species	Ht (cm)	% Cover
G461	5	<i>Eucalyptus kondininensis</i>	800	8
G461	5	<i>Halosarcia doleiformis</i>	30	0.01
G461	5	<i>Halosarcia ?halocnemoides</i>	50	0.01
G461	5	<i>Halosarcia indica ssp. bidens</i>	50	0.01
G461	5	<i>Melaleuca lateriflora</i>	300	2
G461	5	<i>Melaleuca pauperiflora ssp. fastigiata</i>	300	0.1
G461	5	<i>Melaleuca uncinata</i>	400	12
G461	5+	* <i>Aira cupaniana</i>	5	0.01
G461	5+	* <i>Carpobrotus ?aequilaterus</i>	5	0.01
G461	5+	<i>?Chrysocoryne uniflora</i>	5	0.01
G461	5+	<i>Enchylaena tomentosa</i>	20	0.01
G461	5+	<i>Gahnia trifida</i>	60	0.1
G461	5+	<i>Rhagodia ?drummondii</i>	30	0.01
G461	5+	<i>Stipa elegantissima</i>		0.01
G461	5+	<i>Stipa pycnostachya</i>	40	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G462 Location: Jilakin Lake (Reserve 15385)

Location Notes: South-west corner Recorder Initials: NC, AOC Date: 21/12/94

GPS Lat.: 32.39.945 Long.: 118.20.255

Topography Position: > 150m from lake edge, 30m west of Melaleuca zone,
2-3m above lake bed

Soils: Layer - 0-50cm sand / granite country rock under "c horizon"

Colour - 0cm & 50cm - 10YR 6/2 pale yellowish brown

Comments: Sandpit is a disturbed area.

Site	Locn.	Species	Ht (cm)	% Cover
G462	5	<i>Acacia acuminata</i>	800	0.3
G462	5	<i>Allocasuarina huegeliana</i>	1200	0.3
G462	5	<i>Eucalyptus kondininensis</i>		0.01
G462	5	<i>Eucalyptus loxophleba ssp. loxophleba</i>	1300	25
G462	5	<i>Hibbertia enervia complex</i>	50	8
G462	5	<i>Olearia muelleri</i>	80	0.01
G462	5	<i>Santalum acuminatum</i>	200	0.1
G462	5+	* <i>Aira cupaniana</i>	5	0.01
G462	5+	* <i>Brassica tournefortii</i>	20	0.01
G462	5+	<i>Comesperma volubile</i>		0.01
G462	5+	<i>Corynotheca micrantha</i>	20	0.01
G462	5+	<i>Danthonia caespitosa</i>	20	0.01
G462	5+	<i>Ehrharta ?brevifolia</i>	10	0.01
G462	5+	<i>Gnephosis tenuissima</i>	15	0.01
G462	5+	<i>Lycium australe</i>	100-500	0.01
G462	5+	<i>Neurachne alopecuroidea</i>	5	0.01
G462	5+	<i>Pimelea argentea</i>	30	0.01
G462	5+	<i>Podolepis canescens</i>	15	0.01
G462	5+	<i>Podotheca angustifolia</i>	10	0.1
G462	5+	<i>Rhagodia ?drummondii</i>	50	0.5
G462	5+	<i>Stipa elegantissima</i>		0.01
G462	5+	<i>Stipa trichophylla</i>	35	0.01
G462	5+	<i>Thysanotus ?manglesianus</i>		0.01
G462	5+	* <i>Ursinia anthemoides</i>	15	0.1
G462	5+	<i>Waitzia acuminata</i>	15	0.01
G462	Sandpit	<i>Acacia hemiteles</i>	200	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G463 Location: Jilakin Lake (Reserve 15385)

Location Notes: South-west corner Recorder Initials: NC, AOC Date: 21/12/94

GPS Lat.: 32.39.988 Long.: 118.20.247

Topography Position: On dune foothill/crest?, >200m south-west of lake shore,
~3m above lake bed

Soils: Layer - 0-3cm sandy-silt; >30cm sandy-clay

Colour - 0cm - 10YR 5/6 moderate yellowish brown;
50cm - 10YR 5/4 moderate yellowish brown

Site	Locn.		Species	Ht (cm)	% Cover
G463	5		<i>Acacia hemiteles</i>	100	0.5
G463	5		<i>Acacia merrallii</i>	200	0.1
G463	5		<i>Angianthus microcephalus</i>	5	0.01
G463	5		<i>Danthonia caespitosa</i>	30	0.01
G463	5		<i>Erymophyllum tenellum</i>	10	0.01
G463	5		<i>Eucalyptus loxophleba</i> ssp. <i>loxophleba</i>	1200	20
G463	5		<i>Eucalyptus salicola</i>	2000	2
G463	5		<i>Lawrencella rosea</i>	10	0.2
G463	5		<i>Sclerolaena diacantha</i>	10	0.01
G463	5		<i>Stipa trichophylla</i>	40	0.01
G463	5	*	<i>Vulpia bromoides</i>	10	0.01
G463	5+		<i>Acacia acuminata</i>	200	0.01
G463	5+		<i>Acacia erinacea</i>	30	0.01
G463	5+	*	<i>Aira cupaniana</i>	5	0.01
G463	5+		<i>Borya sphaerocephala</i>	5	<0.01
G463	5+		? <i>Cyanostegia microphylla</i>	50	0.01
G463	5+		<i>Daviesia benthamii</i>	150	0.01
G463	5+		<i>Dianella revoluta</i> ?var. <i>divaricata</i>	50	0.01
G463	5+		<i>Enchylaena tomentosa</i>	20	0.01
G463	5+		<i>Eremophila decipiens</i>	40	0.01
G463	5+		<i>Goodenia</i> sp.		<0.01
G463	5+		<i>Hyalosperma glutinosum</i> ssp. <i>glutinosum</i>	15	0.01
G463	5+		<i>Lomandra effusa</i>	30	0.01
G463	5+		<i>Lycium australe</i>	100	0.01
G463	5+		<i>Melaleuca lateriflora</i>	200	<0.01
G463	5+		<i>Melaleuca uncinata</i>	200	<0.01
G463	5+		<i>Neurachne alopecuroidea</i>	5	0.01
G463	5+		<i>Olearia muelleri</i>	30	<0.01
G463	5+		<i>Olearia revoluta</i>	40	0.01
G463	5+		<i>Plantago debilis</i>	5	0.01
G463	5+		<i>Rhagodia</i> ? <i>drummondii</i>	40	1
G463	5+		<i>Senecio lautus</i> ssp. <i>maritimus</i>	20	0.01
G463	5+		<i>Senna artemisioides</i> ssp. <i>artemisioides</i>	50	0.01
G463	5+		<i>Stipa elegantissima</i>		0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site	Locn.	Species	Ht (cm)	% Cover
G463	5+	<i>Thysanotus ?manglesianus</i>		0.01
G463	5+	<i>Waitzia acuminata</i>	15	0.1

Site No: G464 Location: Jilakin Lake (Reserve 15385)

Location Notes: South-west corner Recorder Initials: NC, AOC Date: 21/12/94

GPS Lat.: 32.39.969 Long.: 118.20.176

Topography Position: 25m from a minor flowline and ~400m south-west of lake edge.
~3m above lake bed

Soils: Layer - 0-45cm sandy-silt; >45cm silt (+sand clay)

Colour - 0cm - 10YR 4/2 dark yellowish brown;

50cm - 10YR 6/2 pale yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G464	5	<i>Acacia acuminata</i>	800	12
G464	5	<i>Eucalyptus loxophleba</i> ssp. <i>loxophleba</i>	1200	20
G464	5	<i>Eucalyptus salicola</i>	1800	0.5
G464	5	<i>Santalum spicatum</i>	300	0.1
G464	5+	* <i>Aira cupaniana</i>	5	0.01
G464	5+	<i>Angianthus microcephalus</i>	2	<0.01
G464	5+	<i>Borya sphaerocephala</i>	5	0.1
G464	5+	<i>Comesperma volubile</i>		0.01
G464	5+	<i>Dampiera lavandulacea</i>	5	0.01
G464	5+	<i>Dianella revoluta</i> ?var. <i>divaricata</i>	60	0.01
G464	5+	<i>Enchylaena tomentosa</i>	20	0.01
G464	5+	<i>Erymophyllum tenellum</i>	5	0.01
G464	5+	<i>Euphorbia</i> sp.	5	0.01
G464	5+	<i>Exocarpos aphyllus</i>	200	0.01
G464	5+	<i>Goodenia</i> sp.	5	0.01
G464	5+	<i>Hyalosperma glutinosum</i> ssp. <i>glutinosum</i>	10	0.01
G464	5+	<i>Lawrencella rosea</i>	10	0.5
G464	5+	<i>Lomandra effusa</i>	30	0.01
G464	5+	<i>Mitrasacme ?paradoxa</i>	5	0.01
G464	5+	<i>Neurachne alopecuroidea</i>	5	0.1
G464	5+	<i>Olearia revoluta</i>	50	0.01
G464	5+	<i>Plantago debilis</i>	5	0.01
G464	5+	<i>Podolepis capillaris</i>	10	0.01
G464	5+	<i>Rhagodia ?drummondii</i>	60	0.01
G464	5+	<i>Senna artemisioides</i> ssp. <i>artemisioides</i>	50	0.01
G464	5+	<i>Stipa ?trichophylla</i>	40	0.01
G464	5+	<i>Waitzia citrina</i>	15	5

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G465 Location: Jilakin Lake (Reserve 15385)

Location Notes: South west Recorder Initials: NC, AOC Date: 21/12/94

GPS Lat.: 32.40.188 Long.: 118.20.239

Topography Position: Side valley depression

Soils: Layer - 0-25cm silt & sand laterite, extremely compacted

Colour - 0cm - 5YR 5/6 light brown

Site	Locn.	Species	Ht (cm)	% Cover
G465	5	<i>Eucalyptus loxophleba ssp. loxophleba</i>	1200	6
G465	5	<i>Santalum acuminatum</i>	400	0.01
G465	5	<i>Santalum spicatum</i>	300	0.1
G465	5	<i>Senna artemisioides ssp. artemisioides</i>	100	0.01
G465	5+	<i>Acacia hemiteles</i>	150	0.01
G465	5+	<i>Acacia merrallii</i>	200	0.01
G465	5+	<i>Borya sphaerocephala</i>	5	30
G465	5+	<i>Chamaescilla corymbosa</i>	10	<0.01
G465	5+	<i>Danthonia caespitosa</i>	30	0.01
G465	5+	<i>Dianella revoluta ?var. divaricata</i>	60	0.1
G465	5+	<i>Goodenia sp.</i>	5	0.01
G465	5+	<i>Hyalosperma glutinosum ssp. glutinosum</i>	10	0.01
G465	5+	<i>Lawrencella rosea</i>	15	0.1
G465	5+	<i>Lepidosperma resinosum</i>	60	20
G465	5+	<i>Lomandra effusa</i>	20	0.01
G465	5+	<i>Olearia revoluta</i>	35	<0.01
G465	5+	<i>Sclerolaena diacantha</i>	15	0.01
G465	5+	<i>Stipa ?trichophylla</i>	30	0.01
G465	5+	<i>Stipa elegantissima</i>		0.01
G465	5+	<i>Stypandra glauca</i>	40	0.01
G465	5+	<i>Waitzia acuminata</i>	15	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G466 Location: East Jilakin Lake (Reserve 15385)

Location Notes: Major eastern dune, 50m north of main road.

Recorder Initials: NC, AOC Date: 21/12/94

GPS Lat.: 32.40.335 Long.: 118.22.791

Topography Position: ~500m east of eastern edge,
>300m wide, >9m high sand dune.

Soils: Layer - 0-35cm sandy-silt; >35cm sandy-clay
Colour - 0cm - 10YR 5/4 dark yellowish brown;
50cm - 10YR 6/2 pale yellowish brown

Comments: Gypsiferous crust. Species at location "rdvge" were on adjacent road verge.

Site	Locn.		Species	Ht (cm)	% Cover
G466	5		<i>Atriplex paludosa</i> var. <i>baudinii</i>	100	40
G466	5		<i>Eucalyptus salicola</i>	2000	20
G466	5		<i>Exocarpos aphyllus</i>	200	0.01
G466	5		<i>Lycium australe</i>	100	0.01
G466	5		<i>Maireana brevifolia</i>	20	1
G466	5		<i>Maireana trichoptera</i>	20	0.01
G466	5	*	<i>Medicago minima</i>	5	15
G466	5		<i>Nicotiana ?rosulata</i>	5	0.01
G466	5		<i>Plantago coronopus</i>	5	0.01
G466	5		<i>Rhagodia ?drummondii</i>	30	0.01
G466	5		<i>Templetonia sulcata</i>	50	0.01
G466	5+	*	<i>Avena</i> sp.	30	0.01
G466	5+		<i>Bromus arenarius</i>	15	60
G466	5+	*	<i>Mesembryanthemum nodiflorum</i>	2	0.01
G466	5+		<i>Stipa elegantissima</i>		0.01
G466	5+		<i>Stipa ?trichophylla</i>	5	<0.01
G466	5+		<i>Vittadinia gracilis</i>	20	<0.01
G466	rdvge	*	<i>Carpobrotus ?aequilaterus</i>	10	0.01
G466	rdvge		<i>Danthonia caespitosa</i>	35	0.01
G466	rdvge		<i>Pittosporum phylliraeoides</i> var. <i>microcarpa</i>	500	<0.01
G466	rdvge		<i>Sclerolaena diacantha</i>	15	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No: G466B Location: East Jilakin Lake (Reserve 15385)

Location Notes: Eastern verge of lake Recorder Initials: NC, AOC Date: 21/12/94

GPS Lat.: Long.:

Topography Position: ~100m closer to the lake edge at the foot of G466 dune,
in swale drainage depression

Soils: Grey gypsiferous hardpan - cracking.

Comments: The Eucalyptus is an opportunistic recording adjacent to the site.

Site	Locn.	Species	Ht (cm)	% Cover
G466B	5	<i>Wilsonia humilis</i>	1	45
G466B	rdvge	<i>Eucalyptus kondininensis</i>	1800	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G467 Location: Reserve No. 26687

Location Notes: North-west lake, south edge. Recorder Initials: NC,AOC Date 12/01/95

GPS: Lat. 30.54.724 Long. 117.39.296

Topography Position: Embankment 5m from lake edge, 1m above bed

Soils: Layer - 0-5cm clay + gypsum; >5cm gypsum (+silt)

Colour - 0cm - 5YR 4/4 moderate brown; 50cm - 10YR 6/2 pale yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G467	5	<i>Callitris glaucophylla</i>	700	0.02
G467	5	<i>Darwinia aff. diosmoides</i>	40	0.01
G467	5	<i>Eucalyptus brachycorys</i>	800	0.1
G467	5	<i>Melaleuca halmaturorum ssp. cymbifolia</i>	300	0.1
G467	5	<i>Melaleuca uncinata</i>	400	20
G467	5	<i>Rhagodia drummondii</i>	40	0.01
G467	5+	<i>Danthonia ?acerosa</i>	20	0.01
G467	5+	* <i>Mesembryanthemum nodiflorum</i>	5	5

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G468 Location: Reserve 26687

Location Notes: North-west lake, south edge. Recorder Initials: NC,AOC Date 12/01/95

GPS: Lat. 30.54.786 Long. 117.38.306

Topography Position: - 60m south of lake edge and 2m above bed, top of first dune

Soils: Layer - 0-10cm quartz, silt, gypsum; > 10cm quartz, silt.

Colour - 0cm - 10YR 5/2 moderate yellowish brown; 50cm - 10YR 7/4 greyish-orange

Site	Locn.	Species	Ht (cm)	% Cover
G468	5	<i>Acacia ?aff. prainii</i>	300	<0.01
G468	5	<i>Beyeria ?lechenaultii</i>	150	0.5
G468	5	<i>Eucalyptus brachycorys</i>	700	2
G468	5	<i>Eucalyptus salicola</i>	1000	0.1
G468	5	<i>Eucalyptus salubris</i>	1800	4
G468	5	<i>Hakea coriacea</i>	300	0.01
G468	5	<i>Lepidobolus ?chaetocephalus</i>	35	0.1
G468	5	<i>Persoonia coriacea</i>	300	0.01
G468	5+	<i>Acacia hemiteles</i>	60	0.01
G468	5+	<i>Acacia ?longispinea</i>	200	0.01
G468	5+	<i>Alyxia buxifolia</i>	150	0.01
G468	5+	<i>Astroloma serratifolium</i>	60	<0.01
G468	5+	<i>Coleanthera myrtoides</i>	150	<0.01
G468	5+	<i>Conostephium preissii</i>	50	<0.01
G468	5+	<i>Grevillea ?cagiana</i>	150	0.01
G468	5+	<i>Grevillea huegelii</i>	60	<0.01
G468	5+	<i>Lomandra effusa</i>	30	<0.01
G468	5+	<i>Maireana trichoptera</i>	30	0.01
G468	5+	<i>Melaleuca uncinata</i>	700	3
G468	5+	<i>Phebalium lepidotum</i>	50	0.01
G468	5+	<i>Phebalium rude ssp. rude</i>	50	0.01
G468	5+	<i>Phebalium tuberosum var. megaphyllum</i>	80	0.01
G468	5+	<i>Santalum acuminatum</i>	400	<0.01
G468	5+	<i>Stipa elegantissima</i>		<0.01
G468	5+	<i>Thysanotus ?manglesianus</i>		0.01
G468	5+	<i>Westringia cephalantha</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G469 Location: Reserve No. 26687

Location Notes: North-west lake. Recorder Initials: NC,AOC Date 12/01/95

GPS: Lat. 30.50.764 Long. 117.38.377

Topography Position: 100m sth of lake edge, 4m above bed. Main dune behind first major ridge

Soils: Layer - 0-15cm sand, silt; > 15cm sandy-silt.

Colour - 0cm - 10YR 6/2 pale yellowish brown;

50cm - 10YR 6/5 dark yellowish orange

Site	Locn.	Species	Ht (cm)	% Cover
G469	5	<i>Beyeria ?lechenaultii</i>	150	0.01
G469	5	<i>Eucalyptus salicola</i>	1700	25
G469	5+	<i>Chamelaucium sp.</i>	60	0.01
G469	5+	<i>Eucalyptus brachycorys</i>	600	0.01
G469	5+	<i>Hakea coriacea</i>	600	0.01
G469	5+	<i>Lepidobolus ?chaetocephalus</i>	35	0.01
G469	5+	<i>Lomandra effusa</i>	30	<0.01
G469	5+	<i>Melaleuca uncinata</i>	500	0.01
G469	5+	<i>Persoonia coriacea</i>	200	<0.01
G469	5+	<i>Rhagodia drummondii</i>	100	0.01
G469	5+	<i>Santalum acuminatum</i>	400	0.01
G469	5+	<i>Stipa elegantissima</i>		<0.01
G469	5+	<i>Westringia cephalantha</i>	50	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G470 Location: Reserve No. 26687

Location Notes: Between south end of large north-west lake and linear lake below it.

Recorder Initials: NC,AOC Date 12/01/95

GPS: Lat. 30.54.815 Long. 117.38.408

Topography Position: Rear of southern dune flatter area which is at the embankment level
for next lake south.

Soils: Layer - 0-45cm sandy silt; >45cm compacted clay. Thick crust, very compacted.

Colour - 0cm - 5YR 5/6 light brown.

Site	Locn.	Species	Ht (cm)	% Cover
G470	5	<i>Acacia hemiteles</i>	150	0.5
G470	5	<i>Alyxia buxifolia</i>	300	0.1
G470	5	<i>Blennospora drummondii</i>	2	<0.01
G470	5	<i>Crassula ?sieberiana</i>	2	<0.01
G470	5	<i>Danthonia ?acerosa</i>	35	0.01
G470	5	<i>Eucalyptus baudiniana</i>	1600	3
G470	5	<i>Goodenia sp.</i>	5	<0.01
G470	5	<i>Lomandra effusa</i>	40	1
G470	5	<i>Mitrasacme ?paradoxa</i>	2	<0.01
G470	5	<i>Olearia muelleri</i>	40	0.1
G470	5	<i>Olearia revoluta</i>	100	0.01
G470	5	<i>Plantago debilis</i>	2	<0.01
G470	5	<i>Podolepis capillaris</i>	15	0.01
G470	5	<i>Thysanotus ?manglesianus</i>		0.01
G470	5	<i>Waitzia acuminata</i>	5	<0.01
G470	5	<i>?Waitzia sp.</i>	2	<0.01
G470	5+	<i>Acacia colletioides</i>	200	0.01
G470	5+	<i>Amphipogon strictus</i>	20	<0.01
G470	5+	<i>Comesperma volubile</i>		<0.01
G470	5+	<i>Exocarpos aphyllus</i>	300	0.01
G470	5+	<i>Grevillea acuaria</i>	70	<0.01
G470	5+	<i>Hakea sp.</i>	300	<0.01
G470	5+	<i>Melaleuca uncinata</i>	300	0.5
G470	5+	<i>Rhagodia drummondii</i>	40	0.01
G470	5+	<i>Santalum acuminatum</i>	300	0.01
G470	5+	<i>Scaevola spinescens</i>	150	<0.01
G470	5+	<i>Stipa elegantissima</i>		<0.01
G470	5+	<i>Stipa trichophylla</i>	40	<0.01
G470	5+	<i>Templetonia sulcata</i>	300	<0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G471 Location: Reserve No. 26687

Location Notes: Linear shaped lake in north-west. Recorder Initials: NC,AOC Date 12/01/95
GPS:

Topography Position: Northern lake bank.

Soils: Layer - 0-30cm sandy silt (+clay); sandy silty clay.

Colour - 0cm - 10YR 5/2 moderately yellowish brown; 50cm - 5YR 5/6 light brown

Site	Locn.	Species	Ht (cm)	% Cover
G471	5	* <i>Aira cupaniana</i>	5	<0.01
G471	5	<i>Angianthus myosuroides</i>	2	0.01
G471	5	<i>Argyrolottis turbinata</i>		0.01
G471	5	<i>Blennospora drummondii</i>	2	0.1
G471	5	<i>Blennospora phlegmatocarpa</i>	5	0.01
G471	5	? <i>Brachycome</i> sp.	5	0.01
G471	5	<i>Dodonaea viscosa</i> ssp. <i>angustissima</i>	200	0.01
G471	5	<i>Eremophila oppositifolia</i>	200	0.1
G471	5	<i>Gnephosis tenuissima</i>	5	0.01
G471	5	<i>Hakea preissii</i>	200	0.5
G471	5	<i>Hyalochlamys globifera</i>	1	0.01
G471	5	<i>Lomandra effusa</i>	40	2
G471	5	<i>Maireana carnosae</i>	5	0.01
G471	5	* <i>Mesembryanthemum nodiflorum</i>	2	0.01
G471	5	<i>Podolepis capillaris</i>	15	<0.01
G471	5	<i>Pogonolepis stricta</i>	5	<0.01
G471	5	<i>Rhagodia drummondii</i>	70	0.1
G471	5	<i>Senecio lautus</i> ssp. <i>maritimus</i>	5	0.01
G471	5	<i>Siloxerus pygmaeus</i>	1	0.01
G471	5	<i>Templetonia sulcata</i>	150	0.01
G471	5	* <i>Vulpia bromoides</i>	5	2
G471	5+	<i>Allocasuarina huegeliana</i>		0.01
G471	5+	<i>Gunniopsis quadrifida</i>	30	<0.01
G471	5+	<i>Maireana erioclada</i>	40	<0.01
G471	5+	<i>Stipa elegantissima</i>		0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G472 Location: Reserve No. 26687

Location Notes: Linear lake in north-west. Recorder Initials: NC,AOC Date 13/01/95

GPS: Lat.:30.54.853 Long.: 117.38.478

Topography Position: 5m wide samphire band around the northern end of a linear lake.
20cm above lake bed.

Soils: Layer - 0-15cm silt-gypsum (+clay); > 15cm gypsiferous clay

Colour - 0cm - 10YR 5/4 moderate yellowish brown;

50cm - 10YR 6/2 pale yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G472	5	<i>Atriplex hymenotheca</i>	20	0.1
G472	5	<i>Enchylaena tomentosa</i>	30	0.1
G472	5	<i>Frankenia</i> sp. 4	15	0.01
G472	5	<i>Halosarcia</i> ? <i>halocnemoides</i>	20	0.6
G472	5	<i>Halosarcia lylei</i>	60	1
G472	5	<i>Halosarcia</i> aff. <i>syncarpa</i>	20	0.6
G472	5	<i>Melaleuca halmaturorum</i> ssp. <i>cymbifolia</i>	200	10
G472	5+	* <i>Mesembryanthemum nodiflorum</i>	5	0.5

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G473 Location: Reserve No. 26687

Location Notes: Linear lake in north-west. Recorder Initials: NC,AOC Date 12/01/95

GPS: Lat.: 30.55.376 Long.: 117.40.268

Topography Position: 60m south of south end of lake and 1.5m above lake bed.

Soils: Layer - 0-50cm sandy silt.

Colour - 0cm and 50cm - 5YR 5/6 light brown

Comment: SandB is a sandbar adjacent to the site.

Site	Locn.	Species	Ht (cm)	% Cover
G473	5	* <i>Aira cupaniana</i>	5	<0.01
G473	5	<i>Argyroglottis turbinata</i>		0.01
G473	5	<i>Atriplex stipitata</i>	50	0.01
G473	5	* <i>Avena sp.</i>	40	0.01
G473	5	? <i>Brachycome sp. 2</i>	5	<0.01
G473	5	<i>Danthonia acerosa</i>	30	0.5
G473	5	<i>Dodonaea viscosa ssp. angustissima</i>	200	3
G473	5	<i>Exocarpos aphyllus</i>	300	0.1
G473	5	<i>Hyalosperma glutinosum ssp. glutinosum</i>	5	<0.01
G473	5	<i>Lepidium genistoides</i>	40	5
G473	5	<i>Maireana suaedifolia</i>	60	0.01
G473	5	<i>Plantago debilis</i>	5	<0.01
G473	5	<i>Podolepis canescens</i>	15	<0.01
G473	5	<i>Podolepis capillaris</i>	15	0.01
G473	5	<i>Podolepis lessonii</i>	10	0.01
G473	5	<i>Podotheca angustifolia</i>	5	<0.01
G473	5	<i>Pogonolepis stricta</i>	1	<0.01
G473	5	<i>Rhagodia drummondii</i>	60	0.5
G473	5	<i>Senecio lautus ssp. maritimus</i>	20	<0.01
G473	5	? <i>Siloxerus pygmaeus</i>	1	<0.01
G473	5	<i>Stipa elegantissima</i>		0.1
G473	5	<i>Templetonia sulcata</i>	200	3
G473	5	* <i>Vulpia bromoides</i>	10	5
G473	5+	<i>Acacia enervia ssp. enervia</i>	300	0.1
G473	5+	<i>Gunniopsis quadrifida</i>	30	0.01
G473	5+	<i>Hakea preissii</i>	150	0.1
G473	5+	<i>Lycium australe</i>	80	0.01
G473	5+	<i>Senna artemisioides ssp. artemisioides</i>	150	0.01
G473	SandB	<i>Eremophila miniata</i>	200	0.01
G473	SandB	<i>Santalum acuminatum</i>	200	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G474 Location: Reserve No. 26687

Location Notes: Linear lake in north-west. Recorder Initials: NC,AOC Date 12/01/95

GPS: Lat. 30.55.343 Long. 117.40.230

Topography Position: 15m band on south edge of lake 1m above lake bed, 8m from edge.

Soils: Layer - 0-5cm sandy silt.; 5-6cm clay (and likely to depth).

Colour - 0cm and 50cm - 10YR 4/4 moderate brown

Site	Locn.	Species	Ht (cm)	% Cover
G474	5	<i>Acacia enervia ssp. enervia</i>	300	0.2
G474	5	<i>Argyrolottis turbinata</i>		0.01
G474	5	<i>Atriplex hymenotheca</i>	20	5
G474	5	<i>Atriplex vesicaria</i>	40	0.5
G474	5	<i>Blennospora phlegmatocarpa</i>	2	0.01
G474	5	* <i>Carpobrotus ?aequilaterus</i>	15	0.1
G474	5	<i>Danthonia ?acerosa</i>		0.01
G474	5	<i>Enchylaena tomentosa</i>	30	0.5
G474	5	<i>Eragrostis dielsii</i>	2	0.01
G474	5	<i>Erymophyllum tenellum</i>	2	<0.01
G474	5	<i>Frankenia cinerea/punctata</i>	25	0.1
G474	5	<i>Frankenia tetrapetala</i>	20	2
G474	5	<i>Gunniopsis quadrifida</i>	30	5
G474	5	<i>Lepidium genistoides</i>	35	0.1
G474	5	<i>Lycium australe</i>	60	0.01
G474	5	<i>Maireana carnosia</i>	2	0.01
G474	5	<i>Pogonolepis stricta</i>	2	<0.01
G474	5	<i>Rhagodia drummondii</i>	40	0.1
G474	5	<i>Stipa elegantissima</i>		0.01
G474	5	<i>Templetonia sulcata</i>	60	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G475 Location: Reserve No. 26687

Location Notes: Linear lake in north-west. Recorder Initials: NC,AOC Date 12/01/95

GPS: Lat. 30.55.325 Long. 117.40.253

Topography Position: 8m wide band from lake edge, 10-50cm above bed.

Soils: Layer - 0-7cm sand (+gypsum); 7-35cm sandy clay; >35cm gypsiferous clay.

Colour - 0cm - 10YR 5/2 moderate yellowish brown; 7-35cm - 5YR 4/4 moderate brown; 50cm - 10YR 6/2 yellowish brown

Site	Locn.	Species	Ht (cm)	% Cover
G475	5	<i>Frankenia cinerea/punctata</i>	15	6
G475	5	<i>Halosarcia halocnemoides</i>	30-35	10
G475	5	<i>Halosarcia halocnemoides ssp. caudata</i>	35	2
G475	5	<i>Halosarcia indica ssp. bidens</i>	40	1
G475	5	<i>Sclerostegia moniliformis</i>	35	2

Site No. G476 Location: Reserve No. 26687

Location Notes: Linear lake in north-west. Recorder Initials: NC,AOC Date 13/01/95

GPS: Lat. 30.55.322 Long. 117.40.250

Topography Position: Depressional crescent at south end of lake, 30m wide at centre.

Soils: Layer - 0-5cm gypsiferous (+clay); 5-45cm gypsiferous clay.

Colour - 0cm - 10YR 6/1 pale yellowish brown; 5-45cm - 10YR 5/4 moderate yellowish brown; >45cm - 5YR 5/6 light brown

Comments: Nodulated crust - may be blue-green algae in the subsurface layer forming NH₄

Site	Locn.	Species	Ht (cm)	% Cover
G476	5	<i>Halosarcia halocnemoides ssp. catenulata</i>	15	0.1
G476	5	<i>Halosarcia halocnemoides ?ssp caudata</i>	15	12
G476	5	<i>Halosarcia peltata</i>	40	17

Site No. G477 Location: Reserve No. 26687

Location Notes: Linear lake in north-west. Recorder Initials: NC,AOC Date 13/01/95

GPS: Lat. 30.55.294 Long. 117.40.208

Topography Position: 50cm mound filling most of lake body.

Soils: Layer - 0-6cm fine gypsum; 6-45cm gypsiferous clay

Colour - 0cm - 10YR 7/2 pale yellowish brown; 6-45cm - 5 YR 4/4 moderate brown; 50cm - 5YR 6/5 light brown

Site	Locn.	Species	Ht (cm)	% Cover
G477	5	<i>Halosarcia halocnemoides ssp. catenulata</i>	40	10

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G478 Location: Reserve No. 26687

Location Notes: Gypsum spit in north-west linear lake. Recorder Initials: NC,AOC

Date: 13/01/95 GPS: Lat. 30.55.069 Long. 117.39.581

Topography Position: 2m elevation. Site on 50m wide dune/levee between north & south lake
Soils: Layer - 0-48cm gypsum crystals (+silt); >48cm gypsum +minor clay.

Colour - 0cm - 5YR 6/4 light brown; 50cm - 10YR 5/4 moderate yellowish brown

Comments: Sand bar between active northern lake with water & gypsum - white dunes on surface. North lake has no vegetation - no samphires etc. Southern has samphires approximate same substrate. Surface of north lake dark pink brown, with pure large gypsum crystals; dry and no evidence of re-resolution. Species on the shore and western end of the spit are demarked.

Site	Locn.	Species	Ht (cm)	% Cover
G478	5	<i>Callitris glaucophylla</i>	500	5
G478	5	<i>Casuarina obesa</i>	700	9
G478	5	<i>Darwinia aff. diosmoides</i>	60	12
G478	5	* <i>Vulpia bromoides</i>	5	0.01
G478	5+	<i>Alyxia buxifolia</i>	150	0.01
G478	5+	<i>Comesperma volubile</i>		<0.01
G478	5+	<i>Rhagodia drummondii</i>	20	<0.01
G478	5+	<i>Santalum acuminatum</i>	200	<0.01
G478	5+	<i>Templetonia sulcata</i>	200	0.01
G478	5+	<i>Thysanotus ?manglesianus</i>		<0.01
G478	Shore	<i>Didymanthus roei</i>	30	<0.01
G478	Shore	<i>Frankenia cinerea/punctata</i>	15	<0.01
G478	Shore	<i>Halosarcia halocnemoides</i>	25	<0.01
G478	Shore	<i>Halosarcia lylei</i>	30	<0.01
G478	Shore	* <i>Mesembryanthemum nodiflorum</i>	30	<0.01
G478	Fur.W	<i>Hakea preissii</i>	150	0.01
G478	Fur.W	<i>Halosarcia indica ssp. bidens</i>	30	<0.01
G478	Fur.W	<i>Melaleuca halmaturorum ssp. cymbifolia</i>	200	0.01
G478	Fur.W	<i>Melaleuca uncinata</i>	500	5
G478	Fur.W	<i>Sclerolaena diacantha</i>	30	<0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G479 Location: Reserve No. 26687

Location Notes: North-west lake. Recorder Initials: NC,AOC Date 13/01/95

GPS: Lat. 30.54.150 Long. 117.37.761

Topography Position: 3m above lake bed, 60m north of northern edge.

Soils: Layer - 0-40cm sandy silt; 40-50cm sandy clay.

Colour - 0cm - 10YR 5/4 moderate yellowish brown; 50cm - 5YR 5/6 light brown

Comments: Broad bank of vegetation on peninsula/ridge

Site	Locn.		Species	Ht (cm)	% Cover
G479	5	*	<i>Aira cupaniana</i>	5	0.01
G479	5		<i>Blennospora phlegmatocarpa</i>	2	0.1
G479	5		<i>Eucalyptus salicola</i>	1500	8
G479	5		<i>Eucalyptus salubris</i>	700	0.5
G479	5		<i>Lomandra effusa</i>	35	0.01
G479	5		<i>Maireana carnosae</i>	2	0.01
G479	5		<i>Melaleuca uncinata</i>	500	18
G479	5	*	<i>Mesembryanthemum nodiflorum</i>	5	0.1
G479	5		<i>Podolepis capillaris</i>	15	0.01
G479	5	*	<i>Vulpia bromoides</i>	5	0.01
G479	5+		<i>Acacia colletioides</i>	35	<0.01
G479	5+		<i>Acacia hemiteles</i>	15	<0.01
G479	5+		<i>Acacia ligulata</i>	100	0.01
G479	5+		<i>Alyxia buxifolia</i>	100	<0.01
G479	5+		<i>Atriplex vesicaria</i>	60	<0.01
G479	5+		<i>Blennospora phlegmatocarpa</i>	5	<0.01
G479	5+		<i>Chamelaucium sp.</i>	60	<0.01
G479	5+		<i>Comesperma volubile</i>		<0.01
G479	5+		<i>Crassula ?sieberiana</i>	2	<0.01
G479	5+		<i>Danthonia ?acerosa</i>	30	0.01
G479	5+		<i>Daviesia ?nematophylla</i>		0.01
G479	5+		<i>Enchylaena tomentosa</i>	40	0.01
G479	5+		<i>Eremophila decipiens</i>	100	<0.01
G479	5+		<i>Erymophyllum tenellum</i>	5	<0.01
G479	5+		<i>Hyalosperma glutinosum ssp. glutinosum</i>	15	<0.01
G479	5+	*	<i>Hypochaeris glabra</i>	30	<0.01
G479	5+		<i>Lawrencella rosea</i>	20	<0.01
G479	5+		<i>Melaleuca eleuterostachya</i>	200	<0.01
G479	5+		<i>Olearia muelleri</i>	35	0.01
G479	5+		<i>Rhagodia drummondii</i>	50	<0.01
G479	5+		<i>Senecio lautus ssp. maritimus</i>	40	<0.01
G479	5+		<i>Senna sp.</i>	100	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site	Locn.	Species	Ht (cm)	% Cover
G479	5+	<i>Stipa drummondii</i>	40	<0.01
G479	5+	<i>Stipa elegantissima</i>		0.01
G479	5+	<i>Thysanotus ?manglesianus</i>		<0.01
G479	5+	<i>Westringia cephalantha</i>	100	0.01
G479	NA	<i>Waitzia acuminata</i>	5	<0.01

Site No. G480 Location: Reserve No. 26687

Location Notes: North-west lake. Recorder Initials: NC,AOC Date 13/01/95

GPS: Lat. 30.54.148 Long. 117.37.730

Topography Position: 50cm above lake bed and 3m from north edge, 5m wide band.

Soils: Layer - 0-15cm gypsum, silt (+sand); > 15cm clay and gypsum.

Colour - 0cm - 10YR 5/4 moderate yellowish brown;

50cm - 5YR 4/4 moderate brown

Site	Locn.	Species	Ht (cm)	% Cover
G480	5	<i>Halosarcia lylei</i>	50	5
G480	5	<i>Melaleuca lateriflora</i>	300	<0.01
G480	5	<i>Melaleuca pauperiflora ssp. fastigiata</i>	300	<0.01
G480	5	<i>Melaleuca uncinata</i>	400	20
G480	5+	* <i>Aira cupaniana</i>	5	<0.01
G480	5+	* <i>Mesembryanthemum nodiflorum</i>	5	20
G480	5+	<i>Senecio lautus ssp. maritimus</i>	5	<0.01
G480	5+	* <i>Vulpia bromoides</i>	5	0.01
G480	NA	Moss	2	5

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G481 Location: Reserve No. 26687

Location Notes: North end of linear lake. Recorder Initials: NC,AOC Date 13/01/95

GPS: Lat. 30.54.697 Long. 117.39.151

Topography Position: Embankment 60m north of north edge of linear lake.

Soils: Layer - 0-50cm silt (+sand).

Colour - 0cm and 50cm - 5YR 5/6 light brown

Comments: No lake above this location - goes into surrounding sand-plain vegetation.

Site	Locn.	Species	Ht (cm)	% Cover
G481	5	<i>Atriplex stipitata</i>	60	2
G481	5	* <i>Avena sp.</i>	40	0.01
G481	5	<i>Cephalopterum drummondii</i>	10	0.1
G481	5	<i>Enchylaena tomentosa</i>	60	0.01
G481	5	<i>Eucalyptus salubris</i> var. <i>salubris</i>	1500	2
G481	5	* <i>Hypochaeris glabra</i>	15	0.01
G481	5	<i>Lycium australe</i>	150	0.5
G481	5	<i>Podolepis canescens</i>	15	0.1
G481	5	<i>Podolepis capillaris</i>	15	0.01
G481	5	<i>Ptilotus eriostichus</i>	20	0.01
G481	5	<i>Santalum acuminatum</i>	300	0.3
G481	5	<i>Stipa elegantissima</i>		2
G481	5	* <i>Vulpia bromoides</i>	15	25
G481	5+	<i>Acacia erinacea</i>	50	0.01
G481	5+	<i>Acacia merrallii</i>	50	0.01
G481	5+	<i>Asteridea athrixoides</i>	10	<0.01
G481	5+	<i>Centaurea melitensis</i>	20	<0.01
G481	5+	<i>Eremophila decipiens</i>	30	<0.01
G481	5+	<i>Eremophila ionantha</i>	150	0.1
G481	5+	<i>Exocarpos aphyllus</i>	200	0.01
G481	5+	<i>Grevillea acuaria</i>	150	<0.01
G481	5+	<i>Rhagodia drummondii</i>	50	0.01
G481	5+	<i>Scaevola spinescens</i>	60	<0.01
G481	5+	<i>Templetonia sulcata</i>	200	0.01
G481	5+	<i>Thysanotus ?manglesianus</i>		0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G482 Location: Lake Wallambin

Location Notes: Eastern end Recorder Initials: NC,AH Date 21/01/95

GPS: Lat. 30.58.821 Long. 117.40.316

Topography Position: Dune 3m off lake bed 80m east of Lake bed,
90m west of road on E lake boundary.

Soils: 0cm - 5YR 5/6 clay (impenetrable when dry); 10cm - layer of fine roots and organic material; 40cm and 50cm - 5YR 8/4 moderate pink sand

Site	Locn.		Species	Ht (cm)	% Cover
G482	5		<i>Acacia inceana ssp. conformis</i>	400	0.6
G482	5		<i>Atriplex stipitata</i>	45	17
G482	5		<i>Atriplex vesicaria</i>	45	1
G482	5		<i>Enchylaena tomentosa</i>	40	0.01
G482	5		<i>Gunniopsis quadrifida</i>	35	0.1
G482	5		<i>Maireana eriolada</i>	30	0.01
G482	5		<i>Sclerolaena diacantha</i>	20	0.1
G482	5		<i>Stipa elegantissima</i>	40	0.5
G482	5+	*	<i>Aira cupaniana</i>	5	0.01
G482	5+		? <i>Angianthus sp.</i>	1	0.01
G482	5+	*	<i>Avena sp.</i>	35	<0.01
G482	5+		<i>Danthonia ?acerosa</i>	30	0.1
G482	5+	*	<i>Mesembryanthemum ?nodiflorum</i>	5	0.1
G482	5+		<i>Pogonolepis stricta</i>	2	0.1
G482	5+		<i>Senecio lautus ssp. maritimus</i>	15	0.01
G482	5+		? <i>Siloxerus pygmaeus</i>	1	0.01
G482	5+	*	<i>Vulpia bromoides</i>	15	25

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G483 Location: Lake Wallambin

Location Notes: Eastern end. Recorder Initials: NC,AH Date 21/01/95

GPS: Lat. 30.58.763 Long. 117.40.273

Topography Position: Lower slope on verge of samphire depression, 80m west of G482.

Soils: 0cm - 10YR 5/4 fine clay moderate yellowish brown;

15cm - 5YR 5/6 forming moist lumps.

Light brown; 50cm - 10R 4/6 hard lumps and sparkling fragments.

Site	Locn.		Species	Ht (cm)	% Cover
G483	5		<i>Atriplex stipitata</i>	50	17
G483	5		<i>Atriplex vesicaria</i>	50	1
G483	5		<i>Frankenia sp. 4</i>	40	5
G483	5		<i>Gunniopsis quadrifida</i>	30	0.01
G483	5		<i>Halosarcia ?pergranulata</i>	40	0.01
G483	5		<i>Sclerolaena diacantha</i>	20	0.01
G483	5+	*	<i>Avena sp.</i>	40	0.01
G483	5+		<i>Danthonia ?acerosa</i>	30	0.01
G483	5+		<i>Erodium cygnorum</i>	2	0.01
G483	5+		<i>Pogonolepis stricta</i>	2	3
G483	5+	*	<i>Vulpia bromoides</i>	10	25

Site No. G484 Location: Lake Wallambin

Location Notes: Eastern end. Recorder Initials: NC,AH Date 21/01/95

GPS: Lat. 30.58.796 Long. 117.40.283

Topography Position: Depression at about lake bed level, 20m west of G483.

10m from edge of *Atriplex*.

Soils: 0cm - 5R 8/2 greyish pink; 5cm - moist; 35cm - wet forming clumps;

50cm - harder clumps; 50-55cm - 5R 8/2? soft wet clay

Site	Locn.		Species	Ht (cm)	% Cover
G484	5		<i>Atriplex spongiosa</i>		0.01
G484	5	*	<i>Carpobrotus ?aequilaterus</i>	5	0.01
G484	5		<i>Frankenia cinerea/punctata</i>	15	5
G484	5		<i>Halosarcia halocnemoides ssp. catenulata</i>	30	2
G484	5		<i>Halosarcia pruinosa</i>	35-60	4
G484	5		<i>Halosarcia sp. (v.s.)</i>	30	2
G484	5	*	<i>Mesembryanthemum nodiflorum</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G485 Location: Lake Wallambin

Location Notes: South east corner. Recorder Initials: NC,AH Date 21/01/95

GPS: Lat. 30.59.081 Long. 117.39.662

Topography Position: 3m above lake bed on dune into lake, 10m west of edge on spit.

Soils: 0cm - 5YR 6/4 light brown - fine dry; 30cm - forming lumps with white streaks;
50cm - 5YR 6/4 - 8/4, a little moist,

Site	Locn.		Species	Ht (cm)	% Cover
G485	5		<i>Asteridea athrixioides</i>	5	0.01
G485	5		<i>Atriplex nana</i>	15	0.01
G485	5		<i>Atriplex stipitata</i>	40	0.01
G485	5	*	<i>Avena sp.</i>	40	0.01
G485	5		<i>Blennospora phlegmatocarpa</i>	10	0.01
G485	5		<i>Casuarina obesa</i>	400	5
G485	5		<i>Danthonia acerosa</i>	30	0.01
G485	5		<i>Frankenia cinerea/punctata</i>	25	0.01
G485	5		<i>Halosarcia ?pruinosa</i>	40	0.01
G485	5		<i>Lawrencia squamata</i>	35	3
G485	5		<i>Maireana erioclada</i>	35	0.01
G485	5		<i>?Pogonolepis strictus</i>	15	0.01
G485	5		<i>Stipa elegantissima</i>		0.1
G485	5		<i>Trichanthodium exilis</i>	10	0.01
G485	5	*	<i>Vulpia bromoides</i>	15	60
G485	5		<i>Zygophyllum aff. aurantiacum</i>	40	0.01

Site No. G486 Location: Lake Wallambin

Location Notes: South east corner. Recorder Initials: NC,AH Date 21/01/95

GPS: Lat. 30.59.180 Long. 117.39.688

Topography Position: 4m from eastern lake edge, 40cm above lake bed, 15m wide zone.

Soils: 0cm - 5YR 8/1 to 5R 8/2 dry sand sparkly; 10cm - sticks together, clay content;
25cm - patches of ironstone gravel; 30cm and 50cm - 5Y 8/1 grey clay with patches
of ironstone gravel

Site	Locn.		Species	Ht (cm)	% Cover
G486	5		<i>Atriplex nana</i>	25	<0.01
G486	5		<i>Frankenia cinerea/punctata</i>	25	0.1
G486	5		<i>Halosarcia lylei</i>	70	15

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G487 Location: Lake Wallambin

Location Notes: South east corner. Recorder Initials: NC,AH Date 21/01/95

GPS: Lat. 30.59.184 Long. 117.39.648

Topography Position: 2m above lake bed, 25m east of lake edge.

Soils: 0cm - 5YR 8/1 to 5R 8/2 or 10YR 8/2 dry sand;

30cm - 10YR 7/4 greyish orange, more moist;

50cm - 10YR 7/4 sand, starting to stick together.

Comments: Upbank refers to the land above the bank

Site	Locn.	Species	Ht (cm)	% Cover
G487	5	<i>Acacia hemiteles</i>	200	0.01
G487	5	* <i>Aira cupaniana</i>	5	0.01
G487	5	<i>Atriplex stipitata</i>	100	6
G487	5	<i>Atriplex vesicaria</i>	100	0.1
G487	5	<i>Blennospora phlegmatocarpa</i>	5	0.01
G487	5	* <i>Brassica tournefortii</i>	35	0.01
G487	5	<i>Callitris glaucophylla</i>	500	3.5
G487	5	<i>Danthonia ?acerosa</i>	30	0.1
G487	5	<i>Darwinia aff. diosmoides</i>	35	0.01
G487	5	<i>Enchylaena tomentosa</i>	50	0.01
G487	5	<i>Eucalyptus salubris</i> var. <i>salubris</i>	1800	0.2
G487	5	<i>Hyalosperma glutinosum</i> ssp. <i>glutinosum</i>	5-20	0.1
G487	5	<i>Lomandra effusa</i>	30	0.01
G487	5	<i>Lycium australe</i>	150	0.01
G487	5	<i>Maireana erioclada</i>	30	0.01
G487	5	<i>Melaleuca uncinata</i>	300	0.01
G487	5	* <i>Mesembryanthemum nodiflorum</i>	15	0.01
G487	5	<i>Podolepis canescens</i>	25	0.01
G487	5	<i>Podolepis capillaris</i>	15	0.01
G487	5	<i>Podotheca angustifolia</i>	5	0.01
G487	5	<i>Podotheca ?angustifolia</i>	30	0.01
G487	5	<i>Rhagodia ?drummondii</i>	50	0.01
G487	5	<i>Santalum acuminatum</i>	400	0.01
G487	5	<i>Stipa elegantissima</i>		0.01
G487	5	<i>Stipa</i> sp.	50	0.01
G487	5	<i>Templetonia sulcata</i>	200	0.1
G487	5	* <i>Vulpia bromoides</i>	10	10
G487	5+	<i>Eucalyptus ?myriadena</i>	1800	<0.01
G487	5+	<i>Sclerostegia aff. arbuscula</i>		0.01
G487	upbnk	<i>Acacia inceana</i> ssp. <i>conformis</i>		0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G488 **Location: Lake Wallambin (Reserve 21719)**

Location Notes: South-west corner Recorder Initials: NC,AH Date 21/01/95

GPS: Lat. 31.00.088 Long. 117.29.519

Topography Position: 4.5m above lakebed, gradual slope to lake 200m south of lake's edge.

Soils: 0cm - 10R 6/6 moderate reddish orange to moderate reddish brown 4/6;

35-50cm - 10YR 4/6 ? forms moist clumps.

Site	Locn.		Species	Ht (cm)	% Cover
G488	5		<i>Atriplex stipitata</i>	70	20
G488	5		<i>Eucalyptus myriadena</i>	1000	5
G488	5		<i>Templetonia sulcata</i>	200-500	0.01
G488	5+		<i>Acacia nyssophylla</i>	500	<0.01
G488	5+	*	<i>Avena sp.</i>	30	0.01
G488	5+		<i>Enchylaena tomentosa</i>	40	0.01
G488	5+		<i>Lycium australe</i>	70	0.01
G488	5+		<i>Maireana brevifolia</i>	60	0.01
G488	5+		<i>Stipa elegantissima</i>		0.01
G488	5+	*	<i>Vulpia bromoides</i>	15	50

Site No. G489 **Location: Lake Wallambin (Reserve 21719)**

Location Notes: South-west corner. Recorder Initials: NC,AH Date: 21/01/95

GPS: Lat. 31.00.016 Long. 117.29.489

Topography Position: 1m above lake bed and 15m south of edge.

Vegetation sampled in 20m band on edge.

Soils: 0cm - 5YR 8/4 moderate orange pink sand, crusty surface; 5cm - moist;

15cm - hard clay, stuck together; 50cm - 10R 4/6 layer of red sand. (brighter than 4/6)

Site	Locn.		Species	Ht (cm)	% Cover
G489	5		<i>Frankenia cinerea/punctata</i>	15	0.1
G489	5		<i>Halosarcia halocnemoides</i>	20	8
G489	5		<i>Halosarcia halocnemoides ssp. nov</i>	20	0.1
G489	5		<i>Sclerostegia moniliformis</i>	60	10
G489	5+	*	<i>Mesembryanthemum nodiflorum</i>	10	0.1
G489	5+	*	<i>Vulpia bromoides</i>	5	1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G490 Location: Lake Wallambin (Reserve 21719)

Location Notes: South-west corner. Recorder Initials: NC, AH Date: 21/01/95

GPS: Lat. 30.59.955 Long. 117.29.520

Topography Position: Dune ridge in lake 40cm above lake bed.

Soils: 0cm - 5YR 6/4 & 10YR 8/2 (closest) mottled sand under white crust;

20cm - 5YR 6/4 clay content; 30cm - ~ 10YR 8/2 wet sand layer;

50cm - ~ 5R 8/2 very wet sand layer.

Site	Locn.	Species	Ht (cm)	% Cover
G490	5	* <i>Hainardia cylindrica</i>	5	0.01
G490	5	<i>Halosarcia halocnemoides ssp. catenulata</i>	25-35	20
G490	5	<i>Halosarcia ?halocnemoides ssp. caudata</i>	25	0.1
G490	5	<i>Halosarcia halocnemoides ssp. halocnemoides</i>	25	0.1
G490	5	? <i>Halosarcia peltata</i>	25	0.1
G490	5	<i>Millotia sp.</i>	15	0.01
G490	5	? <i>Pogonolepis strictus</i>	5	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G491 Location: Lake Cowcowing

Location Notes: Northern end, 500m west of rifle range Recorder Initials: NC, AH

Date: 22/01/95. GPS: Lat. 30.50.812 Long. 117.26.462

Topography Position: 1.5m above lakebed & 70m south of small lake, 300m north of main lake

Soils: 0cm - dry sand between 5YR 5/6 light brown & 10R 4/6 moderate reddish brown

30cm - more moist forming clumps;

50cm - 10R 4/6 moist forming clumps. No gypsum

Site	Locn.		Species	Ht (cm)	% Cover
G491	5		<i>Acacia anthochaera</i> (ms)	600	2
G491	5		<i>Actinobole uliginosum</i>	1	0.01
G491	5	*	<i>Aira cupaniana</i>	5	0.01
G491	5		<i>Atriplex stipitata</i>	80	5
G491	5		<i>Blennospora phlegmatocarpa</i>	5	0.1
G491	5		<i>Eremophila ?paisleyi</i>	200	0.01
G491	5		<i>Eucalyptus loxophleba</i>	1200	2
G491	5		<i>Eucalyptus salicola</i>	1200	10
G491	5		<i>?Gnephosis intonsa</i>	1	0.01
G491	5		<i>Maireana georgei</i>	40	0.01
G491	5		<i>Maireana suaedifolia</i>	80	10
G491	5		<i>Maireana trichoptera</i>	30	0.01
G491	5		<i>Myoporum desertii</i>	200	0.01
G491	5		<i>Pimelea</i> sp.	100	0.01
G491	5		<i>Plantago debilis</i>	1	0.01
G491	5		<i>Podotheca angustifolia</i>	5	0.01
G491	5		<i>Podotheca ?angustifolia</i>	20	0.01
G491	5		<i>Rhagodia drummondii</i>	50	0.1
G491	5		<i>Sclerolaena diacantha</i>	20	0.01
G491	5		<i>Stipa elegantissima</i>		10
G491	5		<i>Stipa pycnostachya</i>	40	0.01
G491	5	*	<i>Vulpia bromoides</i>	15	35

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G492 **Location: Lake Cowcowing**

Location Notes: Northern end, 500m west of rifle range Recorder Initials: NC, AH

Date: 22/01/95. GPS: Lat. 30.50.379 Long. 117.26.417

Topography Position: Slight crescent in lake bed 30cm above lake bed, 40m wide.

Soils: 0cm - 10YR 8/2 - 10YR 5/4 wet mottled sand; 10cm - ironstone red sand patches in soil;

30cm - very wet red sand - clay content;

50cm - 10YR 6/2 pale yellowish brown, high clay content

Site	Locn.		Species	Ht (cm)	% Cover
G492	5		<i>Halosarcia halocnemoides</i>	30	0.01
G492	5		<i>Halosarcia halocnemoides ssp. catenulata</i>	40	15
G492	5		<i>Halosarcia halocnemoides ssp. caudata</i>	30	0.01
G492	5		<i>Halosarcia sp.</i>	20	0.01
G492	5+	*	<i>Aira cupaniana</i>	5	0.01
G492	5+		<i>Atriplex spongiosa</i>	10	0.01
G492	5+	*	<i>Carpobrotus ?aequilaterus</i>	5	<0.01
G492	5+		<i>Frankenia cinerea/punctata</i>	15	0.01
G492	5+		<i>Gnephosis acicularis</i>	5	<0.01
G492	5+		<i>Gnephosis ?acicularis</i>	15	0.01
G492	5+		<i>Gunniopsis ?rubra</i>	2	0.01
G492	5+	*	<i>Hainardia cylindrica</i>	5	0.01
G492	5+	*	<i>Mesembryanthemum nodiflorum</i>	15	0.01
G492	5+		<i>Triglochin mucronata</i>	2	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G493 **Location: Lake Cowcowing**

Location Notes: Northern end, 500m west of rifle range. Recorder Initials: NC, AH

Date: 22/01/95 GPS: Lat. 30.50.862 Long. 117.26.461

Topography Position: North shore 15m band 50cm above lake bed and 20m from edge.

Soils: 0cm - 5YR 5/6 dry crusted surface; 5cm - wet and forming clumps;

10cm - lighter 10YR 7/4; 20cm - 10YR 5/4 more moist; 25-30cm - 10YR 4/2;

50cm - 10YR 5/4-6/2 increasing clay content

Site	Locn.	Species	Ht (cm)	% Cover
G493	5	<i>Atriplex sp.</i>		0.01
G493	5	* <i>Carpobrotus ?aequilaterus</i>	15	0.01
G493	5	<i>Frankenia cinerea/punctata</i>	20	0.5
G493	5	<i>Halosarcia halocnemoides ssp. catenulata</i>	40	1
G493	5	<i>Halosarcia peltata</i>	35	2
G493	5	<i>Halosarcia pergranulata</i>	35	0.1
G493	5	<i>Pogonolepis stricta</i>	5	0.1
G493	5	<i>Sclerostegia moniliformis</i>	40	2

Site No. G494 **Location: Lake Cowcowing**

Location Notes: Northern end, 500m west of rifle range. Recorder Initials: NC, AH

Date 22/01/95 GPS: Lat. 30.50.851 Long. 117.26.445

Topography Position: 1m above lake bed and 30m from edge, 5m wide zone.

Soils: 0cm - 5YR 5/6 dry fine sand - slightly more red but not quite 10YR 4/6;

15cm - 5YR 6/4 very hard compact sand.

Site	Locn.	Species	Ht (cm)	% Cover
G494	5	<i>Atriplex hymenotheca</i>	20	15
G494	5	* <i>Carpobrotus ?aequilaterus</i>	15	0.01
G494	5	<i>Frankenia sp. 4</i>	20	5
G494	5	<i>Gunniopsis quadrifida</i>	35	5
G494	5	<i>Hyalochlamys globifera</i>	1	0.01
G494	5	<i>Pogonolepis stricta</i>	2	0.1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G495 Location: Lake Cowcowing

Location Notes: Northern end, 500m west of rifle range Recorder Initials: NC, AH

Date: 22/01/95 GPS: Lat. 30.50.864 Long. 117.26.460

Topography Position: Rise crest 60m north of lake edge 3m above lake bed.

Soils: 0cm - between 5YR 5/6 and 10R 4/6! fine and dry; 30cm - more moist and more orange, forming clumps; 50cm - as at 30cm but sticking together more.

Site	Locn.		Species	Ht (cm)	% Cover
G495	5		<i>Acacia inceana ssp. conformis</i>	400	17
G495	5	*	<i>Aira cupaniana</i>	5	0.01
G495	5		<i>Blennospora drummondii</i>	2	0.01
G495	5		? <i>Brachycome</i> sp. 2	2	0.01
G495	5		<i>Calandrinia</i> sp. 2	1	0.01
G495	5		<i>Crassula ?colorata</i>	5	0.01
G495	5		<i>Danthonia ?acerosa</i>	25	0.01
G495	5		<i>Hyalosperma glutinosum ssp. glutinosum</i>	5	0.01
G495	5		<i>Podolepis canescens</i>	2	0.01
G495	5		<i>Pogonolepis stricta</i>	2	0.01
G495	5		<i>Stipa elegantissima</i>		0.5
G495	5	*	<i>Vulpia bromoides</i>	5	0.5
G495	5+		<i>Argyrolottis turbinata</i>		0.01
G495	5+		<i>Dodonaea viscosa ssp. angustissima</i>	100	0.1
G495	5+		<i>Eragrostis dielsii</i>	1	0.01
G495	5+		<i>Exocarpos aphyllus</i>	300	0.01
G495	5+		<i>Hakea preissii</i>		0.01
G495	5+		<i>Lycium australe</i>	80	0.01
G495	5+		<i>Maireana suaedifolia</i>	50	5
G495	5+		<i>Plantago debilis</i>	2	<0.01
G495	5+		<i>Podotheca ?angustifolia</i>	25	0.01
G495	5+		<i>Rhagodia drummondii</i>	40	2
G495	5+		<i>Santalum acuminatum</i>	300	0.01
G495	5+		<i>Senna</i> sp.	100	0.01
G495	5+		<i>Templetonia sulcata</i>	200	1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G496 Location: Lake Cowcowing, small northern lake.

Location Notes: Northern end, 500m west of rifle range. Recorder Initials: NC, AH

Date: 22/01/95 GPS: Lat. 30.50.494 Long. 117.26.734

Topography Position: Band 10-60m from edge on ridge near breakaway < 1m above lakebed.

Soils: 0cm - 10YR 6/2 dry sand; 25cm- more moist; 40cm - as at 25cm but clay content;

50cm - layer of 10YR 8/6 yellow coming into clay.

Site	Locn.	Species	Ht (cm)	% Cover
G496	5	<i>Acacia anthochaera</i> (ms)	40	0.01
G496	5	<i>Danthonia ?acerosa</i>		0.01
G496	5	<i>Eucalyptus loxophleba</i> ssp. <i>loxophleba</i>	800	0.1
G496	5	<i>Eucalyptus salicola</i>	1500	2
G496	5	<i>Gnephosis angianthoides</i>	10	0.1
G496	5	<i>Gunniopsis intermedia</i>	30	1
G496	5	<i>Maireana suaedifolia</i>	70	0.1
G496	5	<i>Melaleuca uncinata</i>	600	10
G496	5	<i>Pogonolepis stricta</i>	5	15
G496	5	<i>Rhagodia drummondii</i>	40	5
G496	5+	<i>Calandrinia</i> sp. 2	20	0.01
G496	5+	<i>Dianella revoluta</i> var. <i>divaricata</i>	50	<0.01
G496	5+	<i>Gunniopsis quadrifida</i>	30	0.01
G496	5+	<i>Podolepis canescens</i>	15	0.01
G496	5+	<i>Podotheca ?angustifolia</i>	5	0.01
G496	5+	* <i>Vulpia bromoides</i>	10	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G497 Location: Lake Cowcowing, small northern lake

Location Notes: Northern end, 500m west of rifle range. Recorder Initials: NC, AH

Date: 22/01/95 GPS: Lat. 30.50.773 Long. 117.26.455

Topography Position: Lake bed gypsiferous, 20m wide zone around lake south shore 5m from edge, 30cm above lake bed

Soils: 0cm - White crusty surface, 10YR 5/4 sand dry; 10cm - 10YR 2/2 sand-clay

45cm - moist 10YR 6/6 - 10YR 7/4, sand-clay;

55cm 10YR 6/2 clay content

Site	Locn.	Species	Ht (cm)	% Cover
G497	5	<i>Halosarcia halocnemoides</i>	40	0.5
G497	5	? <i>Halosarcia peltata</i>	40	8
G497	5	<i>Halosarcia pergranulata</i>	35	0.5
G497	5	<i>Halosarcia syncarpa</i>	40	0.1
G497	5	<i>Sclerostegia moniliformis</i>	25-40	5
G497	5+	<i>Atriplex hymenotheca</i>	20	20
G497	5+	<i>Calandrinia sp. 2</i>	1	0.01
G497	5+	<i>Frankenia sp. 4</i>	30	5
G497	5+	<i>Gunnera quadrifida</i>	20	0.01
G497	5+	<i>Maireana ?eriosphaera</i>	20	0.01
G497	5+	* <i>Mesembryanthemum nodiflorum</i>		0.01
G497	5+	<i>Pogonolepis stricta</i>	2	0.01
G497	5+	<i>Senecio lautus ssp. maritimus</i>	30	0.01
G497	5+	<i>Triglochin centrocarpa</i>	20	0.01

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G498 Location: Lake Cowcowing, small northern lake.

Location Notes: Northern end, 500m west of rifle range. Recorder Initials: NC,AH

Date: 22/01/95 GPS: Lat. 30.50.506 Long. 117.26.694

Topography Position: 15m N of lakes edge, 50cm above lake. (30x5m patch)

Soils: 0cm - 10YR 6/2 crusty surface dry sand; 20cm - more moist;

35cm - more clay content, 50cm - patches of ironstone sand
in this layer, still high clay content.

Site	Locn.	Species	Ht (cm)	% Cover
G498	5	<i>Darwinia aff. diosmoides</i>	50	30
G498	5	<i>Rhagodia ?drummondii</i>	50	0.1
G498	5+	<i>Gnephosis angianthoides</i>	5	0.01
G498	5+	<i>Gunniopsis quadrifida</i>	30	0.1
G498	5+	<i>Hyalochlamys globifera</i>	1	0.01
G498	5+	<i>Pogonolepis stricta</i>	2	0.01
G498	5+	<i>Stipa elegantissima</i>		0.01
G498	5+	<i>Triglochin centrocarpa</i>	2	0.01
G498	5+	* <i>Vulpia bromoides</i>	5	0.5
G498	nrcrk	<i>Atriplex hymenotheca</i>	20	0.5
G498	nrcrk	<i>Frankenia sp. 4</i>	15	0.1
G498	nrcrk	<i>Halosarcia halocnemoides</i>	40	1
G498	nrcrk	<i>Halosarcia indica ssp. bidens</i>	40	3
G498	nrcrk	<i>Halosarcia lepidosperma</i>	40	1

APPENDIX B : SUMMARY OF SITE DATA - GYPSUM PROJECT

Site No. G499 Location: Lake Cowcowing

Location Notes: Northern end, 300m west of rifle range. Recorder Initials: NC, AH

Date: 22/01/95 GPS: Lat. 30.50.851 Long. 117.26.739

Topography Position: 200m north of lake and 4m above lake bed.

Soils: 0cm - 5YR 5/6 (a little more orange), hard dry fine clay; 15cm - very hard,
more 10YR 5/4 in colour; 20cm impenetrable, (may approximate G482 below 20cm.)

Site	Locn.	Species	Ht (cm)	% Cover
G499	5	* <i>Aira cupaniana</i>	5	0.01
G499	5	<i>Atriplex stipitata</i>	100	25
G499	5	<i>Calandrinia</i> sp. 2	2	<0.01
G499	5	<i>Danthonia</i> ? <i>acerosa</i>	30	<0.01
G499	5	<i>Disphyma crassifolium</i>	10	5
G499	5	<i>Maireana suaedifolia</i>	50	<0.01
G499	5	* <i>Mesembryanthemum nodiflorum</i>	5	0.01
G499	5	<i>Pogonolepis stricta</i>	2	0.01
G499	5	<i>Sclerolaena diacantha</i>	15	<0.01
G499	5	* <i>Vulpia bromoides</i>	5	20
G499	5+	<i>Acacia inceana</i> ssp. <i>conformis</i>	400	2
G499	5+	<i>Crassula</i> ? <i>colorata</i>	2	0.01
G499	5+	<i>Crassula</i> ? <i>sieberiana</i>	5	0.01
G499	5+	<i>Enchylaena tomentosa</i>	40	0.01
G499	5+	<i>Eucalyptus loxophleba</i>	1200	0.01
G499	5+	<i>Rhagodia</i> ? <i>drummondii</i>	60	0.01
G499	5+	<i>Rhodanthe polycephala</i>	2	0.01
G499	5+	? <i>Siloxerus pygmaeus</i>	1	0.01
G499	5+	<i>Stipa elegantissima</i>		0.01

APPENDIX C : SOIL PARAMETERS - GYPSUM PROJECT

SITE	DEPTH (cm)	EC (ms/m-1)	pH	PEBBLES > 2000 um	CLAY < 2 um	SILT 20-2 um	SAND 20-2000 um	GYPSUM Observed
G1	0	334	7.28					High
G2	0							High
G212	0	227	7.19					High
G214	0	239	7.11					High
G215	0	392	6.20					High
G216	0	268	7.17					High
G218	0	1318	6.75					High
G225	0	1299	7.47					High
G227	0	495	7.49					High
G238	0	349	5.26					High
G240	0	2360	8.82					High
G241	0	81.3	7.66		15.8	12.7	71.5	High
G242	0	763	7.74		18.0	8.8	73.2	High
G3	0	301	6.35					High
G400	0	573	7.93		71.5	4.9	23.6	High
G401	0							High
G402	0							High
G411	0	263	4.48					High
G424	0	128.5	8.40		38.0	0.7	61.3	High
G425	0							High
G426	0	1304	6.97		19.1	4.0	76.9	High
G430	0	2430	4.58					High
G430	10-40	2050	4.53					High
G431	0	293	6.30		2.4	19.3	78.3	High
G432	0	415	4.68					High
G433	0							High
G434	0	304	7.02		8.6	12.9	78.5	High
G459	0	922	7.79		39.9	2.8	57.2	High
G466	0	82.8	6.88		16.1	7.4	76.5	High
G478	0	276	5.36					High
G480	0	1740	4.08					High
G19	0	906	6.71		7.4	3.4	89.1	Medium
G19(2)	0	3240	7.61					Medium
G20	0							Medium
G205	0	407	8.95		63.1	4.6	32.3	Medium
G209	0	671	8.09					Medium
G21	0	2860	7.38					Medium
G211	0	297	9.00		27.9	6.3	65.8	Medium
G219	0	229	6.56					Medium
G223	0	228	6.44					Medium
G224	0	1157	6.70					Medium
G239	0	1155	7.92					Medium
G24	0	10.56	6.45		4.4	0.6	95.0	Medium
G4	0	39.1	6.66		8.2	4.9	87.0	Medium
G403	0	1412	7.73		51.5	6.5	42.0	Medium
G404	0	76.1	8.44		5.9	6.6	87.5	Medium
G412	0							Medium
G417	0	326	4.59		6.7	1.0	92.3	Medium
G418	0	1300	6.81		17.4	10.0	72.6	Medium
G419	0	18.9	6.76		13.5	4.3	82.2	Medium
G429	0	596	5.47	1.3	3.3	1.8	95.0	Medium

APPENDIX C : SOIL PARAMETERS - GYPSUM PROJECT

SITE	DEPTH (cm)	EC (ms/m-1)	pH	PEBBLES > 2000 um	CLAY < 2 um	SILT 20-2 um	SAND 20-2000 um	GYPSUM Observed
G435	0	37.3	7.84		11.3	8.3	80.4	Medium
G436	0	1770	5.80		44.1	5.8	50.1	Medium
G437	0							Medium
G440	0	379	4.70		7.4	0.7	92.0	Medium
G441	0	1140	5.81		9.9	1.7	88.4	Medium
G449	0							Medium
G450	0	1155	3.94					Medium
G451	0	20.9	6.12		6.0	1.1	92.8	Medium
G456	0	539	6.40		46.4	0.9	52.6	Medium
G457	0							Medium
G460	0							Medium
G467	0	2900	7.09					Medium
G468	0	18.8	6.52		3.9	0.5	95.6	Medium
G472	0	523	6.35		5.8	2.1	92.2	Medium
G475	0							Medium
G476	0	4560	6.37					Medium
G477	0	4300	7.37					Medium
G480	0	154.6	6.88		10.5	1.9	87.7	Medium
G483	0	50.2	7.70		13.7	9.8	76.5	Medium
G485	0	133	7.96		14.3	7.9	77.8	Medium
G486	0	719	5.45					Medium
G489	0							Medium
G490	0	2080	7.15					Medium
G492	0	1920	6.52					Medium
G493	0	1820	6.04		3.3	2.7	94.1	Medium
G497	0	1355	6.76		3.2	1.3	95.5	Medium
G498	0							Medium
G10	0	5.57	6.07		3.9	0.5	95.6	Low
G11	0	7.64	7.51		5.9	3.4	90.7	Low
G12	0	5.93	6.55		2.8	1.2	95.9	Low
G13	0							Low
G14	0	39.9	6.74		2.9	1.3	95.7	Low
G15	0	372	6.39		0.8	0.7	98.5	Low
G16	0	5.14	6.19		6.8	1.5	91.6	Low
G17	0	7.14	6.30		4.0	0.6	95.4	Low
G18	0	4.5	7.29		3.4	0.0	96.5	Low
G200	0	3.05	6.54		3.9	1.5	94.6	Low
G201	0	45.9	6.90					Low
G202	0	136.7	9.02					Low
G203	0	298	8.85		25.6	2.2	72.2	Low
G204	0	10.08	7.35		1.9	0.5	97.6	Low
G206	0	13.59	7.59		3.9	0.8	95.3	Low
G207	0	7.77	6.71		4.4	1.2	94.4	Low
G208	0	9.3	7.15		18.8	5.0	78.2	Low
G210	0	184	8.60		21.3	4.3	74.4	Low
G213	0	110.6	6.53		3.4	1.2	95.3	Low
G217	0	21.6	6.30		1.9	0.8	97.3	Low
G22	0							Low
G220	0	68	5.64		3.0	0.9	96.1	Low
G221	0	15.42	5.53		0.4	0.6	99.0	Low
G222	0	92	7.20		37.8	6.4	55.9	Low

APPENDIX C : SOIL PARAMETERS - GYPSUM PROJECT

SITE	DEPTH (cm)	EC (ms/m-1)	pH	PEBBLES > 2000 um	CLAY < 2 um	SILT 20-2 um	SAND 20-2000 um	GYPSUM Observed
G226	0	67.8	8.27		15.1	8.8	76.1	Low
G228	0	984	7.31		30.4	5.3	64.2	Low
G229	0	4.89	7.29		1.0	0.0	99.0	Low
G23	0	11.69	7.39		8.7	6.6	84.7	Low
G230	0	18	6.53		2.0	0.6	97.4	Low
G231	0	184	6.20	0.21	6.4	0.1	93.5	Low
G232	0	7.44	6.46		3.0	0.3	96.7	Low
G233	0	852	6.92					Low
G234	0	344	8.76		13.1	1.9	85.0	Low
G235	0	3.94	7.25		2.0	0.0	98.0	Low
G236	0	231	8.44		6.8	1.9	91.3	Low
G237	0	11.94	7.90		3.9	0.8	95.8	Low
G25	0	57.3	6.06		2.9	0.7	96.5	Low
G26	0	21	6.29		4.9	1.0	94.0	Low
G405	0							Low
G406	0	498	7.78		4.7	2.1	93.2	Low
G407	0	952	7.80		34.0	1.6	84.4	Low
G408	0							Low
G409	0	4.12	6.86		11.0	3.1	85.9	Low
G410	0	62.4	5.00		7.6	0.1	92.3	Low
G413	0	10.17	6.01		9.9	2.9	87.3	Low
G414	0	35.8	6.91		14.7	7.4	77.9	Low
G415	0	9.61	6.86		16.2	6.7	77.1	Low
G416	0	42.3	6.66		10.2	4.2	85.6	Low
G420	0	6.58	6.64		7.3	1.7	91.0	Low
G421	0	1166	6.29		41.4	4.3	54.3	Low
G422	0	161.3	5.98		3.0	0.9	96.1	Low
G423	0							Low
G427	0	108.6	5.77		6.4	2.3	91.3	Low
G428	0	9.83	6.37		7.6	4.5	87.9	Low
G438	0	34.4	6.34		5.9	1.5	92.6	Low
G439	0							Low
G442	0							Low
G443	0	9.61	6.18		3.9	0.7	95.4	Low
G444	0	23.4	5.78		10.5	1.8	87.8	Low
G445	0	562	4.13		6.5	0.8	92.7	Low
G446	0	12.67	6.11		7.6	2.0	90.4	Low
G447	0	339	5.65		20.6	2.1	77.2	Low
G448	0	223	5.39		21.2	10.0	68.8	Low
G452	0	13.67	5.92		3.9	0.5	95.6	Low
G453	0	6.99	6.03		4.4	1.8	93.8	Low
G454	0	5.75	6.42		6.3	3.3	90.4	Low
G455	0							Low
G458	0	5.09	5.87		5.4	0.9	93.7	Low
G461	0	10.96	6.04	2.16	3.7	2.5	93.8	Low
G462	0							Low
G463	0	18.9	6.73	2.9	12.3	3.1	84.6	Low
G464	0							Low
G465	0	17.1	5.85		19.4	3.6	77.0	Low
G469	0							Low

APPENDIX C : SOIL PARAMETERS - GYPSUM PROJECT

SITE	DEPTH (cm)	EC (ms/m-1)	pH	PEBBLES > 2000 um	CLAY < 2 um	SILT 20-2 um	SAND 20-2000 um	GYPSUM Observed
G470	0	8.56	6.82		8.9	2.4	88.7	Low
G471	0							Low
G473	0	24.8	6.16		11.4	1.0	87.7	Low
G474	0	769	5.87		30.6	2.4	67.0	Low
G479	0	121.4	6.57		11.9	1.9	86.2	Low
G481	0	29.6	7.88		11.7	7.4	81.0	Low
G482	0							Low
G484	0	5200	8.24					Low
G487	0	402	7.22					Low
G488	0	75.8	6.52		9.3	3.2	87.5	Low
G491	0							Low
G494	0							Low
G495	0	17.8	5.63		7.9	1.5	90.6	Low
G496	0	97.1	5.86		3.5	1.8	94.7	Low
G499	0	62.5	6.77		11.2	6.0	82.7	Low
G5	0	865	6.50		7.1	4.6	88.3	Low
G6	0	4.39	6.53		3.8	0.9	95.2	Low
G7	0	9.43	5.84		5.3	1.1	93.6	Low
G8	0	4.45	5.55		4.9	1.0	94.0	Low
G9	0	3.25	7.15		4.9	1.0	94.0	Low

APPENDIX D : AREA COORDINATES FOR RARE FLORA AND PRIORITY SEARCH - GYPSUM PROJECT.

LAT.	LONG.	LOCATION
0 0	0 0	
33 15	118 24	Lake Grace South/Lake Chinocup
33 35	118 29	
33 20	119 08	Lake Magenta/Lake Cobham
33 27	119 18	
33 04	119 02	Lake Burkett/Lake Buchan
33 09	119 06	
32 56	119 31	Lake Cam/Lake King
33 08	119 42	
31 36	117 15	Cunderdin - east
31 40	117 24	
31 36	117 45	Kellerberrin
31 40	117 53	
30 50	117 18	Lake Cowcowing/Lake Wallambin
31 05	117 40	
30 58	119 18	Lake Julia
31 05	119 24	
30 56	119 36	Lake Seabrook
31 01	119 41	
30 05	117 00	Lake Hillman/Lake De Courcy/Lake Goongary
30 20	117 12	
30 08	117 30	Lake Moore
30 17	117 35	
31 30	117 55	Hine's Hill/Baandee
31 39	118 05	
31 02	118 13	Lake Brown/Chandler
31 10	118 24	

APPENDIX E : RARE AND PRIORITY SPECIES - GYPSUM PROJECT

Species and Site Number	Priority	Status
<i>Halosarcia flabelliformis</i> (G17)	p	Known from only 3 collections in Australia; favours clayey or gypsiferous soils.
<i>Eremophila subteretifolia</i> (ms) (G213, G229)	R	Lake Pallarup - Oldfield River area.
<i>Eremophila serpens</i> (G220)	P4	Hyden-Newdegate, Esperance.
<i>Stylidium</i> sp. (G221)	p	probably restricted (A. Lowrie)
<i>Frankenia drummondii</i> (G442)	P3	Hyden, Lake King, Johnston Lake
<i>Sarcocornia globosa</i> (G456, G457)	p	known only from 3 other collections; one small population near Meckering.
<i>Haegiela tatei</i> (G215)	P2	Lake King
<i>Pimelea halophila</i>	P1	Grasspatch, Salmon Gums, Lake King.
<i>Roycea pycnophylloides</i> (G437)	R	Saline flat on the Mortlock River west of Cunderdin/Meckering and at Lake Altham. Lake Chinocup.
<i>Ptilotus caespitosus</i> (adjacent to G409, G437)	P1	Known from a lake north of Darling Creek in Carnamah Shire and from a salt lake east of Coorow.
<i>Hydrocotyle hexaptera</i> (G215)	p	This species is known from only 2 collections at Lake King, from where it was also collected during this survey.
<i>Lepidium genistoides</i> (G473)	P2	Known from Marvel Loch, Mukinbudin (between Wyalkatchem and Southern Cross), Boorabin, Walyahmoning Rock, and (Cowcowing).