

Appendix U

SENSITIVITY ANALYSIS

Table X1 - Sensitivity analysis (summary results)

Basin	Very high priority				High priority				Moderate priority			
	Base Case	Sensitivity 1	Sensitivity 2	Sensitivity 3	Base Case	Sensitivity 1	Sensitivity 2	Sensitivity 3	Base Case	Sensitivity 1	Sensitivity 2	Sensitivity 3
Baffle												
Balonne-Condamine	3	2	3	3	1	2	1	1	2	2	2	1
Barron												
Border Rivers	1		1	1		1						
Boyne									3	3	3	1
Brisbane										1		
Bulloo	1	1	1	1					1	1	1	1
Burdekin	1		1	1	1	2			2	2	3	2
Burnett					3	2	3	2	3	3	4	
Burrum												
Cooper Creek	3	2	3	2	5	6	5	5	2	2	2	5
Daintree	1	1	1					1				
Diamantina	1	1	1	1	2	2	1	2			1	
Don												
Fitzroy	2	2	2	1	5	3	4	3	6	8	6	6
Flinders	1	1	1	1	3	3	3	2				
Georgina	2	1	2	2	1	2	1	1	1	1		1
Gilbert					2	1	2	2		1		
Haughton												
Herbert												
Johnstone											1	
Kolan												
Leichhardt									1	1	1	
Logan-Albert												
Maroochy												
Mary					1	1	1	1	4	3	4	3
Mitchell					1	1	1	1				
Moonie	1		1	1	3	2	3	3	1	3	1	1
Mulgrave-Russell												
Nicholson	2	1	2	1		1		1	1	1	1	1
Noosa									1	1	1	
Norman												
Normanby									1	1	1	
Paroo	1		1	1	1	2	1	1	1	1	1	1
Pioneer							1		1	1		1
Plane												
Proserpine												
Ross												
South Coast												
Stewart					1		1			1		1
Tully												
Warrego	1		1	1	2	2	2		1	1	1	1
Watson					1	1	1	1				
TOTAL	21	12	21	17	33	34	31	27	32	38	34	26

Table X2 - Sensitivity analysis (detailed results)

Settlement	Basin	Base Case	Sensitivity 1	Sensitivity 2	Sensitivity 3
ABERCORN	Burnett	High	Moderate	High	High
ABERGOWRIE	Herbert	Very low	Very low	Very low	Very low
ADAVALE	Bulloo	Low	Low	Low	Low
ALPHA	Burdekin	Very high	High	Very high	Very high
ALTON	Moonie	High	Moderate	High	High
AMBERLEY	Brisbane	Very low	Very low	Very low	Very low
AMBY	Balonne-Condamine	Very high	Very high	Very high	Very high
ARAMAC	Cooper Creek	Very high	Very high	Very high	Very high
AUGATHELLA	Warrego	Very high	High	Very high	Very high
AURUKUN	Watson	High	High	High	High
AVONDALE	Kolan	Very low	Very low	Very low	Very low
AYR	Haughton	Very low	Very low	Very low	Very low
BAFFLE CREEK	Baffle	Low	Low	Low	Low
BARALABA	Fitzroy	High	Moderate	Low	Low
BARCALDINE	Cooper Creek	Low	Low	Low	Moderate
BARRON RIVER DELTA	Barron	Very low	Very low	Very low	Very low
BEAUDESERT	Logan-Albert	Low	Low	Low	Very low
BEDOURIE	Georgina	Moderate	Moderate	Low	Moderate
BEENLEIGH	Logan-Albert	Very low	Very low	Very low	Very low
BELYANDO CROSSING	Burdekin	Low	Low	Low	Low
BEMERSIDE	Herbert	Very low	Very low	Very low	Very low
BENARABY	Boyne	Moderate	Moderate	Moderate	Moderate
BIBOOHRA	Mitchell	Very low	Very low	Very low	Very low
BILOELA	Fitzroy	Very high	Very high	Very high	High
BILWON	Barron	Very low	Very low	Very low	Very low
BIRDSVILLE	Diamantina	High	High	Moderate	High
BIVOUAC JUNCTION	Burdekin	Moderate	Moderate	Moderate	Low
BLACKALL	Cooper Creek	High	High	High	High
BOLLON	Balonne-Condamine	Very high	High	Very high	Very high
BON ACCORD	Burnett	Very low	Very low	Very low	Very low
BOOLBURRA	Fitzroy	Very low	Very low	Very low	Very low
BOONAH	Logan-Albert	Very low	Very low	Very low	Very low
BOREEN POINT	Noosa	Low	Low	Low	Very low
BOULIA	Georgina	High	High	High	High
BOWEN	Don	Very low	Very low	Very low	Very low
BOYNE ISLAND	Boyne	Moderate	Moderate	Moderate	Low
BRISBANE	Brisbane	Low	Moderate	Low	Low
BUNDABERG	Burnett	Very low	Very low	Moderate	Very low
BUNGADOO	Burnett	Very low	Very low	Very low	Very low
BUNGUNYA	Border Rivers	Very low	Very low	Very low	Very low
BURKETOWN	Nicholson	Very high	High	Very high	High
BURNETT HEADS	Burrum	Low	Low	Low	Low
CALLIDE	Fitzroy	Moderate	Moderate	Moderate	Moderate
CAMOOWEAL	Georgina	Very high	Very high	Very high	Very high
CARAVONICA/LAKE PLACID	Barron	Low	Low	Low	Very low
CARDOWAN	Fitzroy	High	Moderate	High	Moderate
CECIL PLAINS	Balonne-Condamine	Low	Low	Low	Low
CERATODUS	Burnett	Low	Low	Low	Very low

Table X2 - Sensitivity analysis (detailed results)

Settlement	Basin	Base Case	Sensitivity 1	Sensitivity 2	Sensitivity 3
CHARLEVILLE	Warrego	High	High	High	Low
CHERBOURG	Burnett	Low	Low	Low	Low
CHINCHILLA	Balonne-Condamine	Low	Low	Low	Low
CLARE	Haughton	Low	Low	Low	Low
CLERMONT	Fitzroy	Low	Low	Low	Low
CLONCURRY	Flinders	Very high	Very high	Very high	Very high
CONDAMINE	Balonne-Condamine	Low	Low	Low	Low
COOLADDI	Paroo	High	High	High	High
COOMINYA	Brisbane	Very low	Very low	Very low	Very low
COORAN	Mary	Very low	Very low	Very low	Very low
CORDELIA	Herbert	Low	Low	Low	Very low
CUNNAMULLA	Warrego	Low	Low	Low	Low
DAINTREE	Daintree	Very high	Very high	Very high	High
DALBY	Balonne-Condamine	Moderate	Moderate	Moderate	Moderate
DARADGEE	Johnstone	Very low	Very low	Very low	Very low
DIRRANBANDI	Balonne-Condamine	Low	Low	Low	Low
DOOMADGEE	Nicholson	Very high	Very high	Very high	Very high
EAGLEBY	Logan-Albert	Very low	Very low	Very low	Very low
EIDSVOLD	Burnett	Very low	Very low	Very low	Very low
EINASLEIGH	Gilbert	High	High	High	High
ELECTRA (PINE CREEK)	Burnett	Very low	Very low	Very low	Very low
EMERALD	Fitzroy	High	High	High	High
EROMANGA	Cooper Creek	Very high	Very high	Very high	Very high
EULO	Paroo	Very high	High	Very high	Very high
EURAMO	Tully	Low	Low	Low	Low
FERNVALE	Brisbane	Low	Low	Low	Low
FLINTON	Moonie	High	High	High	High
FLYING FISH POINT	Johnstone	Very low	Very low	Moderate	Very low
FOREST HILL	Brisbane	Very low	Very low	Very low	Very low
FRESHWATER CREEK	Barron	Very low	Low	Very low	Very low
GATTON	Brisbane	Low	Low	Low	Low
GAYNDAH	Burnett	High	High	High	Low
GEORGETOWN	Gilbert	High	Moderate	High	High
GIRU	Haughton	Low	Low	Low	Very low
GLAMORGAN VALE	Brisbane	Very low	Very low	Very low	Very low
GOONDIWINDI	Border Rivers	Low	Low	Low	Low
GOOVIGEN	Fitzroy	High	High	High	High
GORDONVALE	Mulgrave-Russell	Very low	Very low	Very low	Very low
GRANTHAM	Brisbane	Low	Low	Low	Very low
GREENVALE	Burdekin	Moderate	Moderate	Moderate	Moderate
GREGORY DOWNS	Nicholson	Moderate	Moderate	Moderate	Moderate
GYMPIE	Mary	Moderate	Moderate	Moderate	Moderate
HALIFAX	Herbert	Low	Low	Low	Very low
HARLIN	Brisbane	Very low	Very low	Very low	Very low
HARRISVILLE	Brisbane	Low	Low	Low	Very low
HEBEL	Balonne-Condamine	Low	Low	Low	Low
HOLLOWAYS BEACH	Barron	Low	Low	Low	Very low
HOME HILL	Burdekin	Low	Low	Low	Low

Table X2 - Sensitivity analysis (detailed results)

Settlement	Basin	Base Case	Sensitivity 1	Sensitivity 2	Sensitivity 3
HOWARD	Burrum	Very low	Very low	Very low	Very low
HUGHENDEN	Flinders	High	High	High	Low
HUNGERFORD	Paroo	Moderate	Moderate	Moderate	Moderate
IDERAWAY	Burnett	Moderate	Moderate	Moderate	Low
IMBIL	Mary	Very low	Very low	Very low	Very low
INGHAM	Herbert	Low	Low	Low	Low
INGLEWOOD	Border Rivers	Low	Low	Low	Low
INNISFAIL	Johnstone	Low	Low	Low	Very low
IPSWICH	Brisbane	Low	Low	Low	Low
ISISFORD	Cooper Creek	Moderate	Moderate	Moderate	Moderate
JAMBIN	Fitzroy	Low	Very low	Low	Low
JERICO	Cooper Creek	Very high	High	Very high	High
JONDARYAN	Balonne-Condamine	Very low	Very low	Very low	Very low
JULIA CREEK	Flinders	High	High	High	High
JUNDAH	Cooper Creek	Moderate	Moderate	Moderate	Moderate
KAGARU	Logan-Albert	Very low	Very low	Very low	Very low
KAJABBI	Leichhardt	Moderate	Moderate	Moderate	Low
KAMERUNGA	Barron	Low	Very low	Low	Very low
KANDANGA	Mary	Low	Low	Low	Very low
KARUMBA	Norman	Low	Low	Low	Low
KAWANA	Maroochy	Very low	Very low	Very low	Very low
KENILWORTH	Mary	Very low	Very low	Very low	Very low
KIDSTON	Gilbert	Low	Low	Low	Very low
KOAH	Barron	Very low	Very low	Very low	Very low
KOWANYAMA	Mitchell	High	High	High	High
KOWROWA	Barron	Very low	Very low	Very low	Very low
KURANDA	Barron	Very low	Very low	Very low	Very low
KYNUNA	Diamantina	High	High	High	High
LAURA	Normanby	Moderate	Moderate	Moderate	Low
LINVILLE	Brisbane	Low	Low	Low	Low
LOGAN CENTRAL	Logan-Albert	Very low	Very low	Very low	Very low
LONGREACH	Cooper Creek	High	High	High	Moderate
LOWOOD	Brisbane	Low	Low	Low	Low
MACALISTER	Balonne-Condamine	Very low	Very low	Very low	Very low
MACKAY	Pioneer	Moderate	Moderate	High	Moderate
MACKAY NORTH	Pioneer	Low	Low	Low	Low
MACKNADE	Herbert	Low	Low	Low	Very low
MALMOE	Burnett	Moderate	Low	Moderate	Very low
MAREEBA	Barron	Very low	Very low	Very low	Very low
MARYBOROUGH	Mary	High	High	High	High
MCKINLAY	Flinders	Low	Low	Low	Low
MIARA	Kolan	Very low	Very low	Very low	Very low
MILES	Balonne-Condamine	Moderate	Moderate	Moderate	Low
MILLMERRAN	Balonne-Condamine	Very low	Very low	Very low	Very low
MIRANI	Pioneer	Low	Low	Low	Low
MITCHELL	Balonne-Condamine	Very high	Very high	Very high	Very high
MIVA	Mary	Moderate	Low	Moderate	Moderate
MOGGILL	Brisbane	Low	Low	Low	Low

Table X2 - Sensitivity analysis (detailed results)

Settlement	Basin	Base Case	Sensitivity 1	Sensitivity 2	Sensitivity 3
MONDURE	Burnett	Very low	Very low	Very low	Very low
MOORE	Brisbane	Low	Very low	Low	Low
MOORE PARK	Kolan	Low	Low	Low	Low
MORANBAH	Fitzroy	Very high	Very high	Very high	Very high
MOURA	Fitzroy	Moderate	Moderate	Moderate	Low
MOURILYAN	Johnstone	Low	Very low	Low	Low
MULGILDIE	Burnett	Very low	Very low	Very low	Very low
MUNDUBBERA	Burnett	High	High	High	High
MUNGINDI	Border Rivers	Low	Very low	Low	Low
MURGON	Burnett	Moderate	Moderate	Moderate	Low
MUTTABURRA	Cooper Creek	High	High	High	High
MYOLA	Barron	Very low	Very low	Very low	Very low
NANANGO	Burnett	Low	Low	Low	Low
NERANG	South Coast	Very low	Very low	Very low	Very low
NINDIGULLY	Moonie	Moderate	Moderate	Moderate	Moderate
NOCCUNDRA	Cooper Creek	High	High	High	High
NOOSAVILLE	Noosa	Low	Low	Low	Very low
NORMANTON	Norman	Very low	Very low	Very low	Very low
OWANYILLA	Mary	Moderate	Moderate	Moderate	Moderate
PORT STEWART	Stewart	High	Moderate	High	Moderate
PRATTEN	Balonne-Condamine	Low	Very low	Low	Low
PROSERPINE	Proserpine	Low	Low	Low	Very low
QUILPIE	Bulloo	Very high	Very high	Very high	Very high
REDLYNCH	Barron	Low	Low	Low	Very low
RICHMOND	Flinders	High	High	High	High
ROCKHAMPTON	Fitzroy	Moderate	Moderate	Moderate	Moderate
ROCKINGHAM	Tully	Low	Very low	Low	Low
ROLLESTON	Fitzroy	High	High	High	Moderate
ROMA	Balonne-Condamine	High	High	High	High
ROSEWOOD	Brisbane	Very low	Very low	Very low	Very low
SAPPHIRE	Fitzroy	Moderate	Moderate	Moderate	Very low
SELLHEIM	Burdekin	High	High	Moderate	Moderate
SOMERSET DAM	Brisbane	Very low	Very low	Very low	Very low
SOUTH BINGERA	Burrum	Very low	Very low	Very low	Very low
SOUTH YAAMBA	Fitzroy	Low	Low	Low	Low
SOUTHWOOD	Moonie	High	Moderate	High	High
ST GEORGE	Balonne-Condamine	Low	Low	Low	Low
STONEHENGE	Cooper Creek	High	High	High	High
SURAT	Balonne-Condamine	Low	Low	Low	Low
TALWOOD	Border Rivers	Very low	Very low	Very low	Very low
TAMBORINE	Logan-Albert	Very low	Very low	Very low	Very low
TANNUM SANDS	Boyne	Moderate	Moderate	Moderate	Low
TAROOM	Fitzroy	Moderate	Moderate	Moderate	Moderate
TEWANTIN	Noosa	Moderate	Moderate	Moderate	Very low
TEXAS	Border Rivers	Low	Low	Low	Low
THALLON	Moonie	Very high	High	Very high	Very high
THANGOOL	Fitzroy	Low	Low	Low	Low
THARGOMINDAH	Bulloo	Moderate	Moderate	Moderate	Moderate

Table X2 - Sensitivity analysis (detailed results)

Settlement	Basin	Base Case	Sensitivity 1	Sensitivity 2	Sensitivity 3
THEODORE	Fitzroy	Low	Low	Low	Low
TIARO	Mary	Moderate	Moderate	Moderate	Low
TOOBEAH	Border Rivers	Very low	Very low	Very low	Very low
TOOGOOLAWAH	Brisbane	Low	Low	Low	Low
TOWNSVILLE	Ross	Very low	Very low	Very low	Very low
TREBONNE	Herbert	Low	Low	Low	Low
TULLY	Tully	Very low	Very low	Very low	Very low
TULLY HEADS	Tully	Low	Low	Low	Very low
URANDANGI	Georgina	Very high	High	Very high	Very high
WALKERSTON	Plane	Low	Low	Low	Low
WALLAL	Warrego	Moderate	Low	Moderate	Moderate
WALLAVILLE	Burnett	Low	Low	Low	Low
WALLOON	Brisbane	Very low	Very low	Very low	Very low
WARRA	Balonne-Condamine	Low	Very low	Low	Low
WARWICK	Balonne-Condamine	Very low	Very low	Very low	Very low
WATERFORD	Logan-Albert	Very low	Very low	Very low	Very low
WINDORAH	Cooper Creek	Very low	Very low	Very low	Moderate
WINTON	Diamantina	Very high	Very high	Very high	Very high
WOODFORD	Brisbane	Very low	Very low	Very low	Very low
WOORABINDA	Fitzroy	Moderate	Moderate	Moderate	Moderate
WYANDRA	Warrego	High	Moderate	High	Low
YAAMBA	Fitzroy	Low	Low	Low	Low
YELARBON	Border Rivers	Very high	High	Very high	Very high