EXECUTIVE SUMMARY

- VOLUME 1: EIS PROCESS OVERVIEW
- VOLUME 2: PROJECT DESCRIPTION
- VOLUME 3: ENVIRONMENTAL ASSESSMENT OF GAS FIELD COMPONENT
- VOLUME 4: ENVIRONMENTAL ASSESSMENT OF PIPELINE COMPONENT
- VOLUME 5: ENVIRONMENTAL ASSESSMENT OF LNG COMPONENT
- VOLUME 6: ENVIRONMENTAL ASSESSMENT OF SWING BASIN AND SHIPPING CHANNEL CONSTRUCTION
- VOLUME 7: GREENHOUSE GAS MANAGEMENT
- VOLUME 8: SOCIAL, CULTURAL AND ECONOMIC IMPACT ASSESSMENT

Chapter 1

1	INTRODUCTION	1
1.1	SCOPE OF ASSESSMENT	2
1.2	SCOPE OF THE PROJECT	2
1.3	OBJECTIVES OF SOCIAL IMPACT ASSESSMENT	2
1.4	STATUTORY REQUIREMENTS	4
1.5	SUSTAINABLE RESOURCE COMMUNITIES	5
1.6	BG GROUP AND IFC STANDARDS	5
1.7	IMPACT SCOPING	6

2	STUDY AREA	9
2.1	AREAS OF IMPACT	9
2.2	LOCAL GOVERNMENTS RELEVANT TO THE PROJECT AREA	10
2.3	POPULATION DENSITY	10
2.4	SEIFA VALUES IN THE STUDY AREA	11

3	METHODOLOGY	13
3.1	PRE-EIS CONSULTATION	13
3.2	RESEARCH	15
3.3	BASELINE COMMUNITIES ASSESSMENT	15
3.4	SCOPING	16
3.5	CONSULTATION	16
3.6	MODELLING IMPACTS ON POPULATION, HOUSING AND THE LABOUI FORCE	R 17
3.7	SOCIAL INFRASTRUCTURE DEMAND ANALYSIS	17
3.8	INTEGRATED IMPACT ASSESSMENT	18
3.9	SIGNIFICANCE ANALYSIS	18
3.10	MITIGATION AND SOCIAL PERFORMANCE	19
Figures		
8.1.1	QCLNG PROJECT LOCATION AND COMPONENT	3
8.2.1	SEIFA INDEX OF SOCIO-ECONOMIC DISADVANTAGE	12
8.3.1	Social Impact Assessment Methodology	14
Tables		
8.1.1	PRELIMINARY ISSUES AND IMPACTS FOR ASSESSMENT	7
8.2.1	REGIONAL COUNCILS WITH CORRESPONDING PREVIOUS COUNCIL NAMES	10
Chapter 4		
4	SOCIAL IMPACT ASSESSMENT OF GAS FIELDS – WESTERN DOWNS	5

-	REGIONAL COMMUNITIES	1
4.1	INTRODUCTION	1
4.2	PROJECT ACTIVITIES WITH RELEVANCE TO SOCIAL IMPACTS	1
4.2.1	Gas Field Construction – Key Phases and Activities	1
4.2.2	Gas Field Operations – Key Phases and Activities	3
4.3	EXISTING SOCIAL AND CULTURAL ENVIRONMENT OF THE GAS FI	IELD
	COMMUNITIES	4
4.3.1	Demographic Profile	4
4.3.2	Existing Labour Force and Employment	19
4.3.3	Existing Social Values	26
4.3.4	Existing Community Infrastructure and Amenities	35
4.3.5	Existing Health and Safety and Security Profile	44
4.3.6	Existing Housing and Accommodation Status	51
4.3.7	Existing Land Use Values in the Region	61
4.3.8	Summary of Social Conditions in the Gas Field	67

4.4	SOCIAL IMPACTS OF THE PROJECT IN THE GAS FIELD	69
4.4.1	Labour Force Impacts	69
4.4.2	Population Impacts	77
4.4.3	Housing Impacts	83
4.4.4	Community Infrastructure Impacts	87
4.4.5	Community Health and Safety Impacts	91
4.4.6	Lifestyle, Values and Amenity Impacts	99
4.4.7	Land Use and Property Impacts	107
4.5	SUMMARY OF IMPACTS AND SIGNIFICANCE OF IMPACTS	111
4.6	CONCLUSIONS	119

Figures

8.4.1	Western Downs Region LGA And Population Centres	5
8.4.2	AGE AND GENDER PROFILE OF WESTERN DOWNS LGA: 2006	9
8.4.3	PERSONS BORN OVERSEAS WESTERN DOWNS LGA: 2006	13
8.4.4	Main Destinations Of Year 12 State High School Students In Western Downs LGA, 2007	15
8.4.5	SEIFA INDEX OF SOCIO-ECONOMIC DISADVANTAGE	17
8.4.6	SEIFA INDEX FOR ECONOMIC RESOURCES 2006	18
8.4.7	COMMUNITY ATTITUDES SURVEY RESULTS: GAS FIELD SENSE OF COMMUNITY AND QUALITY OF LIFE	31
8.4.8	COMMUNITY ATTITUDES SURVEY RESULTS: CHINCHILLA SENSE OF COMMUNITY AND QUALITY OF LIFE	32
8.4.9	Community Attitudes Survey Results: Miles Sense Of Community And Quality Of Life	34
8.4.10	Community Attitudes Survey Results: Dalby Sense Of Community And Quality Of Life	35
8.4.11	LAND TENURE CADASTRE	64
8.4.12	GOOD QUALITY AGRICULTURAL LAND	65
8.4.13	LAND USE IN TENEMENT BLOCKS	66
8.4.14	GAS FIELD CONSTRUCTION WORKFORCE HISTOGRAM	71
Tables		
8.4.1	STAGING OF GAS FIELD DEVELOPMENT	2

0.4.1	STAGING OF GAS FIELD DEVELOPMENT	2
8.4.2	GAS FIELD CONSTRUCTION – KEY PHASES AND ACTIVITIES	2
8.4.3	GAS FIELD OPERATIONS – KEY PHASES AND ACTIVITIES	3
8.4.4	GAS FIELD POPULATION GROWTH	6
8.4.5	GAS FIELD PROJECTED POPULATION GROWTH	7
8.4.6	INDIGENOUS POPULATION IN THE GAS FIELD AREA: 2001 - 2006	8
8.4.7	POPULATION DISTRIBUTION BY AGE: 2006	10
8.4.8	HOUSEHOLD SIZE IN GAS FIELD COMMUNITIES	11
8.4.9	HOUSEHOLD STRUCTURE IN GAS FIELD COMMUNITIES: 2006	12
8.4.10	DISTRIBUTION OF SCHOOL-AGE CHILDREN IN THE GAS FIELD REGION	13

8.4.11	GAS FIELD POST-SCHOOL QUALIFICATION: 2006	16
8.4.12	CORE ACTIVITY NEED FOR ASSISTANCE	19
8.4.13	WORKING-AGE POPULATION BY GENDER: 2006	20
8.4.14	GAS FIELD EMPLOYMENT AND UNEMPLOYMENT BY GENDER: 2006	21
8.4.15	GAS FIELD UNEMPLOYED PERSONS BY AGE IN PERCENTAGE: 2006	22
8.4.16	GAS FIELD: PERCENTAGE OF RESIDENT WORKFORCE: 2006	22
8.4.17	GAS FIELD EMPLOYMENT BY TENURE PERCENTAGE: 2006	23
8.4.18	EMPLOYMENT BY INDUSTRY IN PERCENTAGE: 2006	25
8.4.19	DESIRED OUTCOMES OF PLANNING SCHEMES IN THE GAS FIELD REGION	28
8.4.20	OVERVIEW OF EXISTING SOCIAL INFRASTRUCTURE IN WESTERN DOWNS LG	A37
8.4.21	SOCIAL INFRASTRUCTURE NEEDS ASSESSMENT FOR WESTERN DOWNS LGA	A 42
8.4.22	GAS FIELD COMMUNITY VULNERABLE GROUPS: 2006	48
8.4.23	Reported Crime Per 100,000 Population In The Gas Field Communities 2000–08	51
8.4.24	Housing Stock And Dwelling Structures: 2006	53
8.4.25	Household Tenure (Percentage): 2006	54
8.4.26	Average Advertised Dwelling Costs, September 2008, Gas Field Communities	54
8.4.27	Average Weekly Rent In Gas Field Communities	55
8.4.28	Building Approvals, Houses In Gas Field Communities 2003–04 To 2007–08	57
8.4.29	Building Approvals, Apartments In Gas Field Communities	57
8.4.30	Households In Housing Stress (Mortgage), Bottom 40 Per Cent Of Household Income, Gas Field Communities, 2006	- 59
8.4.31	Households In Housing Stress (Rental) Bottom 40 Per Cent Of Household Income, Gas Field Communities, 2006	59
8.4.32	Hotels, Motels And Serviced Apartments March Quarter 2008, Gas Field Communities	60
8.4.33	LAND TENURE IN GAS FIELD	62
8.4.34	GAS FIELD CONSTRUCTION LABOUR FORCE REQUIREMENT	70
8.4.35	GAS FIELD OPERATIONS LABOUR FORCE REQUIREMENTS	72
8.4.36	MAJOR CONSTRUCTION PROJECTS PROPOSED FOR WESTERN DOWNS LGA 2010 TO 2013	74
8.4.37	DIRECT POPULATION INCREASE IN THE CSG FIELDS	78
8.4.38	PROJECTED HOUSING DEMAND IN DALBY	84
8.4.39	Land Use By Type And Area Affected By Gas Gathering Network	108
8.4.40	SIGNIFICANCE ASSESSMENT CRITERIA	111
8.4.41	STATUS OF SOCIAL CONDITIONS	112
8.4.42	SUMMARY OF IMPACTS AND SIGNIFICANCE	113

5	SOCIAL IMPACT ASSESSMENT FOR PIPELINE – BANANA REGION COMMUNITIES	1
	COMMONTIES	'
5.1	SCOPE OF PROJECT ACTIVITIES	1
5.1.1	Construction activities	1
5.1.2	Operational phase	2
5.2	EXISTING SOCIAL ENVIRONMENT IN THE PIPELINE REGION – BANA	
500	SHIRE COMMUNITIES	3
5.2.2	Labour force and employment	15 21
5.2.3 5.2.4	Community Health and Safety Social Amenity and Community Values	21
5.2.4 5.2.5	Social Infrastructure	20 39
5.2.6	Housing	49
5.2.7	Summary of Social Conditions	52
5.3	POTENTIAL IMPACTS OF THE PROJECT IN THE PIPELINE REGION	56
5.3.1	Labour force and employment impacts	56
5.3.2	Demographic impacts	60
5.3.3	Housing impacts	60
5.3.4	Social Infrastructure impacts	60 62
5.3.5 5.3.6	Community Health and Safety impacts Property and Land Use impacts	62 73
5.3.7	Lifestyle, Amenity and Community Values impacts	73 81
5.4	SUMMARY OF IMPACTS AND SIGNIFICANCE	84
5. 4 5.5	CONCLUSION	85
5.5	CONCLUSION	00
Figures		
8.5.1	BANANA LGA AND POPULATION CENTRES	4
8.5.2	CHANGE IN POPULATION GROWTH: 2006–2026	7
8.5.3	Age And Gender Profile – Banana LGA: 2006	9
8.5.4	COUNTRY OF ORIGIN, BANANA LGA: 2006	11
8.5.5	Level OF Community Satisfaction In Banana Shire: 2008	32
8.5.6	LAND USE, EXPORT PIPELINE AREA	35
8.5.7	Land Use, Lateral Pipeline Area	36
8.5.8	DISTRIBUTION OF GOOD QUALITY AGRICULTURAL LAND	37
8.5.9	Resident Satisfaction With Community And Lifestyle Services In Banana Shire	48
8.5.10	RESIDENT SATISFACTION WITH COMMUNITY INFRASTRUCTURE IN BANANA SHIRE	49
8.5.11	LAND TENURE, EXPORT PIPELINE	74
8.5.12	LAND TENURE, LATERAL PIPELINE AREA	75

Tables 8.5.1 POPULATION GROWTH: 2001-2007 6 8.5.2 GENDER AND AGE PROFILE: 2006 8 8.5.3 9 HOUSEHOLD STRUCTURE: 2006 8.5.4 INDIGENOUS POPULATION, PIPELINE REGION: 2006 10 8.5.5 DISTRIBUTION OF SCHOOL-AGE CHILDREN IN PIPELINE AREA: 2006 12 8.5.6 Post-School Qualifications: 2006 13 8.5.7 SEIFA INDEX OF ECONOMIC RESOURCES 13 8.5.8 WORKING-AGE POPULATION BY GENDER: 2006 15 8.5.9 **EMPLOYMENT AND UNEMPLOYMENT BY GENDER: 2006** 16 8.5.10 EMPLOYMENT BY AGE (%): 2006 17 8.5.11 **UNEMPLOYED PERSONS BY AGE: 2006** 18 8.5.12 PERCENTAGE OF RESIDENT WORKFORCE: 2006 18 8.5.13 **EMPLOYMENT TENURE: 2006** 19 8.5.14 EMPLOYMENT BY INDUSTRY, BANANA SHIRE: 2006 20 8.5.15 VULNERABLE GROUPS IN BANANA LGA, 2006 25 8.5.16 **REPORTED CRIME PER 100.000 POPULATION IN PIPELINE REGION:** 2000 To 2008 27 8.5.17 DESIRED OUTCOMES OF 'TOMORROW'S BANANA SHIRE' PLANNING SCHEME 38 8.5.18 EXISTING HIERARCHY OF PROVISION – MAIN SERVICE CENTRES IN BANANA SHIRE 41 8.5.19 43 EDUCATIONAL FACILITIES, BANANA SHIRE 8.5.20 CULTURAL EVENTS 44 8.5.21 WATER SUPPLY IN BANANA SHIRE 46 8.5.22 HOUSING TYPE 50 8.5.23 Low-Income Households In Housing Stress (Mortgage) 2006 51 8.5.24 LOW-INCOME HOUSEHOLDS (RENTAL) IN HOUSING STRESS: 2006 52 8.5.25 SOCIAL CONDITIONS 55 8.5.26 MAJOR CONSTRUCTION PROJECTS PROPOSED FOR PIPELINE REGION: 2010 To 2013 58 8.5.27 73 LAND USE BY TYPE AND AREA, LATERAL AND EXPORT PIPELINES 8.5.28 SIGNIFICANCE ASSESSMENT CRITERIA 84 8.5.29 INDICATORS USED TO EVALUATE AND MONITOR CHANGE 85 8.5.30 SUMMARY OF IMPACTS AND SIGNIFICANCE 87

6	SOCIAL IMPACT ASSESSMENT FOR LNG FACILITY – GLADSTONE	
	REGION COMMUNITIES	1
6.1	INTRODUCTION	1
6.1.1	Scope of Project Activity	1
6.2	SOCIAL CONDITIONS	2
6.2.1	Gladstone Communities	2
6.2.2	Social and Cultural Profile	5
6.2.3	Labour Force and Employment	16 21
6.2.4 6.2.5	Community Health and Safety Social Amenity and Community Values	21
6.2.6	Social Infrastructure	38
6.2.7	Housing	51
6.2.8	Summary of Social Conditions	59
6.3	IMPACTS OF THE PROJECT IN THE GLADSTONE REGION	62
6.3.1	Labour Force Impacts	62
6.3.2	Impacts on Social and Cultural Profile	72
6.3.3	Housing Impacts	79
6.3.4 6.3.5	Social Infrastructure Impacts Community Health and Safety	89 95
6.3.6	Properties and Affected Landowners	103
6.3.7	Lifestyle and Community Values	104
6.4	SUMMARY OF IMPACTS AND SIGNIFICANCE	115
Figures		
8.6.1	GLADSTONE REGIONAL COUNCIL AREA AND POPULATION CENTRES	4
8.6.2	PROJECTED POPULATION GROWTH FITZROY REGION – MEDIUM SERIES	7
8.6.3	Age And Gender Profile: 2006	9
8.6.4	Person Born Overseas, Gladstone LGA	13
8.6.5	SURVEY: GLADSTONE COMMUNITY QUALITIES – AGREEMENT	32
8.6.6	Curtis And Gladstone Harbour Islands	36
8.6.7	SURVEY – GLADSTONE RESIDENTS' CONCERNS	38
8.6.8	House Building Approvals: 2003 To 2008	54
8.6.9	Unit Building Approvals: 2003 To 2008	54
8.6.10	AVERAGE WEEKLY RENT: 2001 TO 2006	56
8.6.11	GLADSTONE REGION ROOM OCCUPANCY RATE: 2007	59
8.6.12	LNG LABOUR FORCE HISTOGRAM	64
8.6.13	QCLNG CUMULATIVE CONSTRUCTION EMPLOYMENT JUNE 2011 TO JUNE 2013	69
Tables		
8.6.1	ESTIMATED RESIDENT POPULATION BY MAJOR URBAN CENTRE/LOCALITY	,

GLADSTONE REGIONAL COUNCIL: 2007

5

8.6.2	GLADSTONE LGA POPULATION 2001 TO 2007	6
8.6.3	DISTRIBUTION BY AGE: 2006	8
8.6.4	Average Household Size: 2006	9
8.6.5	HOUSEHOLD STRUCTURE: 2006	11
8.6.6	INDIGENOUS POPULATION GLADSTONE REGION: 2006	12
8.6.7	DISTRIBUTION OF SCHOOL-AGE CHILDREN IN THE GLADSTONE AREA	14
8.6.8	INDEX OF ECONOMIC RESOURCES: 2006	16
8.6.9	Working Age Population By Gender: 2006	17
8.6.10	EMPLOYMENT AND UNEMPLOYMENT BY GENDER: 2006	17
8.6.11	UNEMPLOYED PERSONS BY AGE PERCENTAGE 2006	18
8.6.12	PERCENTAGE OF RESIDENT WORKFORCE	18
8.6.13	EMPLOYMENT TENURE 2006	19
8.6.14	GLADSTONE REGION LABOUR FORCE POOL	20
8.6.15	GLADSTONE TAFE COLLEGE APPRENTICESHIP NUMBERS	20
8.6.16	VULNERABLE GROUPS, NUMBER AND PERCENTAGE: 2006	27
8.6.17	LOCAL PLANNING KEY VALUES	29
8.6.18.	Existing Hierarchy OF Provision – Main Service Centres	40
8.6.19	EDUCATIONAL FACILITIES IN THE GLADSTONE AREA, 2008	44
8.6.20	MAJOR RECREATIONAL FACILITIES	45
8.6.21	Public Transport And Road Infrastructure In Gladstone LGA And Rockhampton LGA 2005	48
8.6.22	Dwelling Structure: 2001 - 2006	51
8.6.23	HOUSEHOLD TENURE GLADSTONE REGION LGA: 2001-2006	52
8.6.24	RESIDENTIAL HOUSING PRODUCTION FOR THE GLADSTONE REGIONAL COUN	NCIL 53
8.6.25	Average Advertised Dwelling Costs: September 2008	55
8.6.26	Rental Costs For Three-Bedroom Dwellings: June 2006 To June 2008	56
8.6.27	HOUSEHOLDS IN HOUSING STRESS DUE TO HOME LOAN COSTS	57
8.6.28	Low-Income Rental Households In Housing Stress: 2006	57
8.6.29	Social Housing	57
8.6.30	Social Conditions Status	61
8.6.31	PROJECTS UNDER CONSTRUCTION AND APPROVED GLADSTONE	63
8.6.32	LNG LABOUR FORCE: INTERVALS MONTHS 1–51	64
8.6.33	TRADE GROUPS REQUIRED LNG FACILITY CONSTRUCTION AT PEAK	65
8.6.34	Workforce Origin Scenarios	66
8.6.35	MAJOR CONSTRUCTION PROJECTS PROPOSED FOR GLADSTONE REGION: 2010 TO 2013	67
8.6.36	LNG Projects Proposed For Gladstone	68
8.6.37	DIRECT POPULATION INCREASE – LNG PLANT CONSTRUCTION	75
		-

8.6.38	POPULATION INFLUX DIRECT AND INDIRECT	76
8.6.39	ESTIMATED TOTAL HOUSING DEMAND FOR LNG FACILITY AT PEAK – No CAMP	81
8.6.40	SIGNIFICANCE ASSESSMENT CRITERIA	115
8.6.41	INDICATORS USED TO EVALUATE AND MONITOR CHANGE	115
8.6.42	SUMMARY OF IMPACTS AND SIGNIFICANCE	117

7		SOCIAL IMPACT ASSESSMENT FOR INDIGENOUS COMMUNITIES	1
7.1		INTRODUCTION	1
	7.1.1	Indigenous Land Use Agreements	2
	7.1.2	Engagement	2
	7.1.3	Cultural heritage	3
	7.1.4	QGC Policy framework relating to management of indigenous peoples iss	ues 3
7.2		METHODOLOGY	4
	7.2.1	Identification of Communities within Study Area	5
	7.2.2	Consultation Methodology	6
	7.2.3	Research Methodology	6
7.3		EXISTING SOCIAL CONDITIONS	7
	7.3.1	Introduction and Overview of the Project Area	7
	7.3.2	Historical Context	7
	7.3.3	Commonwealth and State Policy Framework	8
	7.3.4	Commonwealth and State Legislative Framework	11
	7.3.5	Demographic Profile	13
	7.3.6	Education	16
	7.3.7	Economics	20
	7.3.8	Housing	23
	7.3.9	Community Health & Safety	24
	7.3.10	Indigenous Services and Facilities	26
	7.3.11	Cultural Values and Land Use	32
	7.3.12	Summary of Social Conditions	33
7.4		IMPACTS OF THE PROJECT ON INDIGENOUS COMMUNITIES	33
	7.4.1	Impacts on Population and Housing	34
	7.4.2	Impacts on Social Cohesion and Governance	34
	7.4.3	Impacts on Cultural Values and Land Use	35
	7.4.4	Impacts on Education	36
	7.4.5	Impacts on Economic Factors	37
	7.4.6	Impacts on Community Health & Safety	38
	7.4.7	Impacts on Social infrastructure	38
7.5		MITIGATION AND MANAGEMENT	39
Tabl	es		
8.7.1	1	SUMMARY OF LEGISLATIVE FRAMEWORK	11

8.7.4	INDIGENOUS-RELATED HEALTH SERVICES IN THE PROJECT AREA	25
8.7.5	COMMUNITY FACILITIES AND SERVICES CATERING TO INDIGENOUS PERSON THE PROJECT AREA	s IN 27
8.7.6	STEP EMPLOYMENT RELATED SERVICE PROVIDERS IN THE PROJECT AREA	28
Chapter 8		
8	SOCIAL IMPACT MITIGATION AND MANAGEMENT FOR THE QUEENSLAND CURTIS LNG PROJECT AREA	1
8.1	INTRODUCTION	1
8.1.1	QGC and BG Group Principles	1
8.1.2	Summary of Project Benefits and Impacts	1
8.2	SOCIAL ENVIRONMENT MANAGEMENT PLAN	3
8.2.1	Framework	3
8.2.2	Social Impact Management and Mitigation	5
8.3	MONITORING, MANAGEMENT AND RESPONSIBILITIES	15
8.3.1 8.3.2	Monitoring Standards	15 15
0.3.2 8.3.3	Reporting Responsibilities	15 16
8.4	CONCLUSION	17
0		
Figure		
8.8.1	Social Environment Management Framework	4
Tables		
8.8.1	Social Values Impact Management Plan	5
8.8.2	Social Infrastructure Impact Management Plan	6
8.8.3	HOUSING AND ACCOMMODATION IMPACT MANAGEMENT PLAN	7
8.8.4	COMMUNITY HEALTH AND SAFETY IMPACT MANAGEMENT PLAN	8
8.8.5	BUSINESS, TOURISM AND RECREATION IMPACT MANAGEMENT PLAN	10
8.8.6	EMPLOYMENT AND TRAINING IMPACT MANAGEMENT PLAN	11
8.8.7	Cultural Heritage Impact Management Plan	12
8.8.8	Land Use (And Water Reuse) Impact Management Plan	13
8.8.9	MITIGATION RESPONSIBILITIES	16
8.8.10	COMMUNITY ENGAGEMENT RESPONSIBILITIES	17
Chapter 9		

9	CULTURAL HERITAGE IMPACT ASSESSMENT	1
9.1	INDIGENOUS CULTURAL HERITAGE	1
9.1.1	Introduction	1
9.1.2	Relevant Legislation and Policy	1

9.1.3	Cultural Heritage Assessment Methodology	3
9.1.4	Existing Environment and Cultural Heritage Values	9
9.1.5	Search Results	12
9.1.6	Discussion	14
9.1.7	Potential Impacts and Mitigation Methods	16
9.2	NON-INDIGENOUS CULTURAL HERITAGE	17
9.2.1	Introduction	17
9.2.2	Methodology	18
9.2.3	Places of Historic Cultural Heritage Value	23
9.2.4	Impacts	68
9.2.5	Management and Mitigation	75
9.2.6	Conclusions	79

Figures

8.9.1	NATIVE TITLE CLAIMS AT MAY 2009	6
8.9.2	THE CULTURAL HERITAGE MANAGEMENT PLAN PROCESS	8
8.9.3	STATE HERITAGE PLACES WITHIN PROJECT AREA	20
8.9.4	REPORTED HERITAGE PLACES WITHIN PROJECT AREA	21
8.9.5	IDENTIFIED SITES WITHIN GAS FIELD	24
8.9.6	IDENTIFIED PLACES WITHIN PIPELINE REGION	44
8.9.7	SHIPWRECKS IN GLADSTONE REGION	53
8.9.8	IDENTIFIED SITES CURTIS ISLAND	54
8.9.9	LOCATION OF O'REILLY GRAVES IN RELATION TO PROPOSED PIPELINE	70
8.9.10	HISTORIC HERITAGE FEATURES ASSOCIATED WITH THE DEFENCE ROAD	71
8.9.11	HERITAGE SITES IMPACTED UPON BY PROPOSED FACILITY	73

Tables

8.9.1	Schedule OF Cultural Heritage Assessment Activities	8
8.9.2	REGISTER SEARCHES OF KNOWN INDIGENOUS HERITAGE VALUES	12
8.9.3	CONSULTATION AND RESEARCH DETAILS	22
8.9.4	KNOWN HERITAGE SITES – SITE ID: GFNICH01	25
8.9.5	KNOWN HERITAGE SITES – SITE ID: GFNICH02	26
8.9.6	KNOWN HERITAGE SITES – SITE ID: GFNICH03	27
8.9.7	KNOWN HERITAGE SITES – SITE ID: GFNICH04	28
8.9.8	KNOWN HERITAGE SITES – SITE ID: GFNICH05	29
8.9.9	KNOWN HERITAGE SITES – SITE ID: GFNICH06	31
8.9.10	KNOWN HERITAGE SITES – SITE ID: GFNICH07	32
8.9.11	KNOWN HERITAGE SITES – SITE ID: GFNICH08	33
8.9.12	KNOWN HERITAGE SITES – SITE ID: GFNICH09	34
8.9.13	KNOWN HERITAGE SITES – SITE ID: GFNICH10	35
8.9.14	KNOWN HERITAGE SITES – SITE ID: GFNICH11	36
8.9.15	KNOWN HERITAGE SITES – SITE ID: GFNICH12	37

8.9.16	KNOWN HERITAGE SITES – SITE ID: GFNICH13	38
8.9.17	KNOWN HERITAGE SITES – SITE ID: GFNICH14	39
8.9.18	KNOWN HERITAGE SITES – SITE ID: GFNICH16	41
8.9.19	POTENTIAL HERITAGE PLACES WITHIN GAS FIELD AREA	42
8.9.20	KNOWN HERITAGE SITES – SITE ID: PLNICH01	45
8.9.21	KNOWN HERITAGE SITES – SITE ID: PLNICH02	49
8.9.22	POTENTIAL HERITAGE PLACES WITHIN PIPELINE AREA	51
8.9.23	KNOWN HERITAGE SITES – SITE ID: CINICH01	55
8.9.24	KNOWN HERITAGE SITES – SITE ID: CINICH02	58
8.9.25	KNOWN HERITAGE SITES – SITE ID: CINICH03	59
8.9.26	KNOWN HERITAGE SITES – SITE ID: CINICH04	62
8.9.27	KNOWN HERITAGE SITES – SITE ID: CINICH05	64
8.9.28	KNOWN HERITAGE SITES – SITE ID: CINICH07	66
8.9.29	POTENTIAL HERITAGE PLACES WITHIN LNG FACILITY AREA	68

10	ECONOMIC IMPACT ASSESSMENT	1
10.1	INTRODUCTION	1
10.1.1		1
10.1.2	Project Study Area	3
10.2	ECONOMIC STRUCTURE	5
10.2.1	Overview	5
10.2.2	Key Industries	6
10.2.3	Existing Infrastructure	7
10.2.4	Employment and Wages	7
10.2.5	Housing and Accommodation	8
10.2.6	Major Projects	8
10.2.7	Regional Economic Development Initiatives	8
10.3	KEY FINDINGS	9
10.3.1	Economic Impact	9
10.3.2	Australian, Queensland and Regional Content	13
10.3.3	Potential Needs for Skills Training	14
10.3.4	Need for Any Additional Infrastructure Provision by Government	15
10.3.5	Future Development in the Local Region	16
10.4	CONCLUSION	18
Figure		
8.10.1	LOCAL AND REGIONAL CATCHMENTS	4
Tables		
8.10.1	CONSTRUCTION AND OPERATING EXPENDITURE BY REGION	13
8.10.2	INFRASTRUCTURE REQUIREMENTS	15

Annexes to Volume 8

- ANNEX 8.1: DERM FACTSHEET HUMAN REMAINS GUIDELINES
- ANNEX 8.2: GUIDELINES FOR DIGITAL PHOTOGRAPHIC RECORD
- ANNEX 8.3: Scope OF Social IMPACTS OF SWING BASIN AND SHIPPING CHANNEL CONSTRUCTION
- VOLUME 9: GAS FIELD COMPONENT ENVIRONMENTAL MANAGEMENT PLAN
- VOLUME 10: PIPELINE COMPONENT ENVIRONMENTAL MANAGEMENT PLAN
- **VOLUME 11: LNG COMPONENT ENVIRONMENTAL MANAGEMENT PLAN**
- **VOLUME 12: STAKEHOLDER CONSULTATION**
- **VOLUME 13: EPBC ASSESSMENT REPORT**

APPENDICES