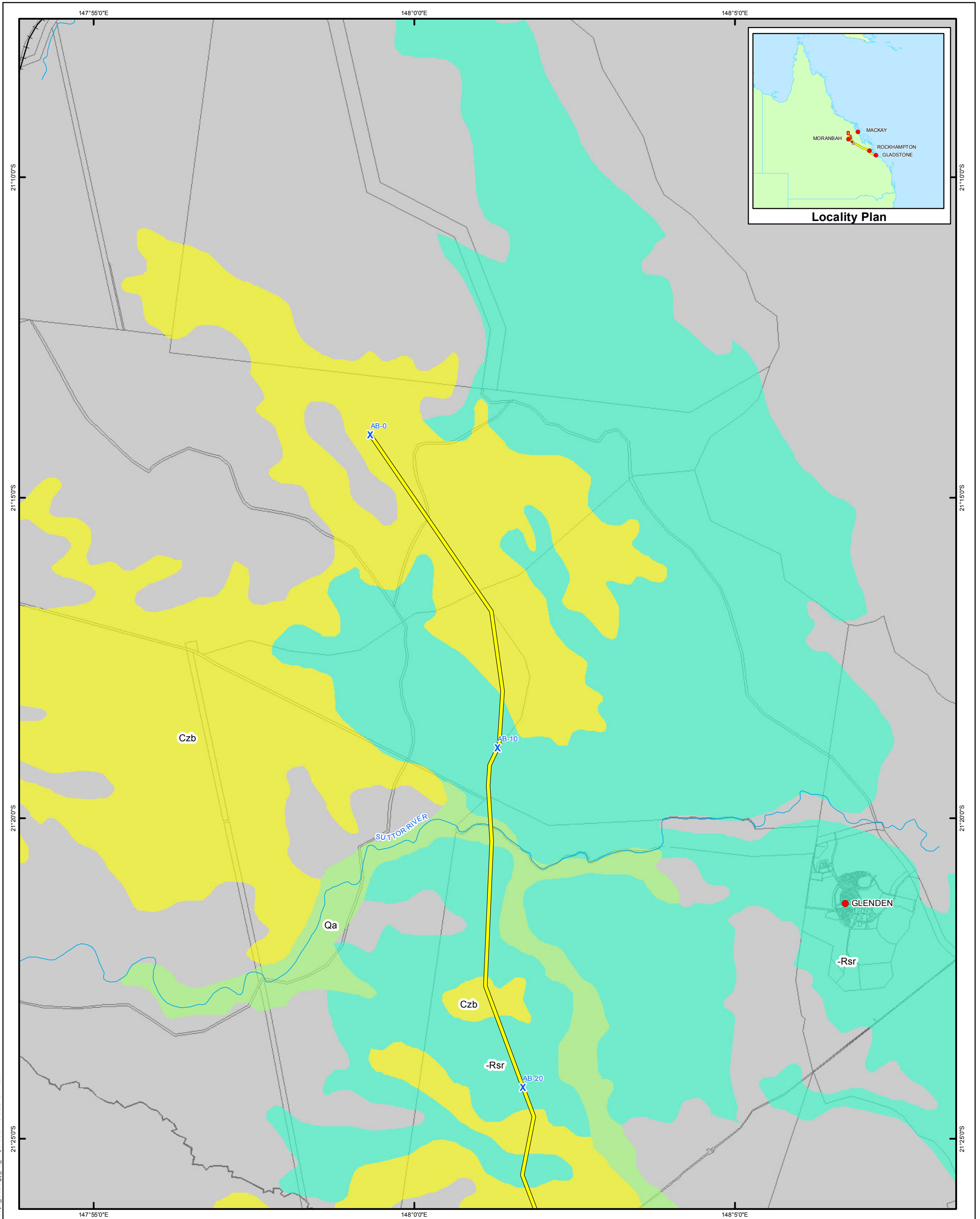


LEGEND FOR MAP 6 (Geology)

MAP SYMBOL	AGE	SURFACE GEOLOGY
-Rgok	Triassic	Altered grey medium-grained hornblende quartz monzodiorite, dark grey hornblende-augite quartz gabbro, hornblende-hypersthene-augite-biotite quartz gabbro
-Rsr	Triassic	Lithic sandstone, pebbly lithic sandstone, green to reddish brown mudstone and minor volcanolithic pebble conglomerate (at base)
Csr	Early Carboniferous	Dark grey mudstone, siltstone, felsic volcanoclastic sandstone, polymictic conglomerate, ooid-bearing sandstone and conglomerate with mudstone rip-up clasts; oolitic and pisolitic limestone and minor skeletal
Cza	Cainozoic	Channel and flood-plain alluvium; gravel, sand, silt, clay; may be incised by present day drainage
Czb	Cainozoic	Volcanic rocks, predominantly mafic; basalt, trachyte, trachybasalt, trachyandesite, leucitite, basanite, nephelinite, limburgite, rhyolite, tuff and high level intrusives; rare volcanoclastic
sedimen		
Czc	Cainozoic	Undifferentiated consolidated Cainozoic sedimentary rocks; sandstone, limestone, conglomerate, siltstone; commonly ferruginised, silicified or poorly consolidated
Czcsu	Cainozoic	Quartz sandstone, clayey sandstone, mudstone and conglomerate; fluvial and lacustrine sediments; minor interbedded basalt
Czft	Cainozoic	Mainly trachyte; lesser felsic to mafic volcanics, intrusives and sediments
Czl	Cainozoic	Ferruginous duricrust, laterite; may include massive to pisolitic ferruginous subsoil, mottled clays
Czodu	Middle Eocene	Mudstone, sandstone, conglomerate, siltstone, oil shale, lignite, basalt
Czs	Cainozoic	Sand plain, may include some residual alluvium; sand dominant, gravel, clay
Dsam	Late Devonian	Thinly interbedded fine-grained sandstone and siltstone and thick beds of conglomerate with andesitic to dacitic clasts and siltstone rip-up-clasts
Kbad	Late Cretaceous	Olivine- and feldspar-phyric basalt
Kfms	Cretaceous	Rhyolitic and trachytic flows, breccia, ignimbrite and tuff; basalt
PKd	Permian	Dolerite, gabbro, diorite
Pbrk	Early Permian	Basalt and high-level mafic intrusives, minor rhyodacite lava, volcanoclastic breccia, lithic sandstone, siltstone and mudstone
Pgmr	Late Permian	Grey medium-grained biotite-hornblende to hornblende-biotite granodiorite, grey to cream medium-grained biotite-hornblende tonalite to quartz diorite, locally xenolith-bearing
Pgob	Late Permian	Pale grey medium-grained leucocratic hornblende-biotite tonalite, minor pale pink medium-grained biotite granite
Pok	Late Permian	Sandstone, siltstone, shale, mudstone, coal, tuff, conglomerate
Psb	Early Permian	Quartzose to lithic sandstone, siltstone, carbonaceous shale, minor coal and sandy coquinite
Pwb	Permian	Siltstone, lithofeldspathic sandstone, intermediate to felsic intrusive and extrusive domes, volcanic breccia, minor conglomerates
Pwlc	Early Permian	Siltstone and mudstone, volcanolithic sandstone and conglomerate and minor altered basalt; local rhyolitic to dacitic ignimbrite and volcanoclastic rocks
Pwlz	Early Permian	Basaltic to andesitic lava and volcanoclastic rocks (including breccia and arenite), rhyolitic to dacitic lava and volcanoclastic rocks (including ignimbrite); local siltstone, shale and polymictic conglomerate
Qa	Quaternary	Channel and flood plain alluvium; gravel, sand, silt, clay
Qrc	Quaternary	Colluvium and/or residual deposits, talus, scree, sheet wash; boulder, gravel, sand; may include minor alluvial or sand plain deposits
SDwcr	Late Silurian	Sandstone, siltstone, mudstone, andesitic to dacitic volcanics, volcanoclastic breccia, limestone, polymictic conglomerate, sparse peperite and andesite to dacite intrusives

ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

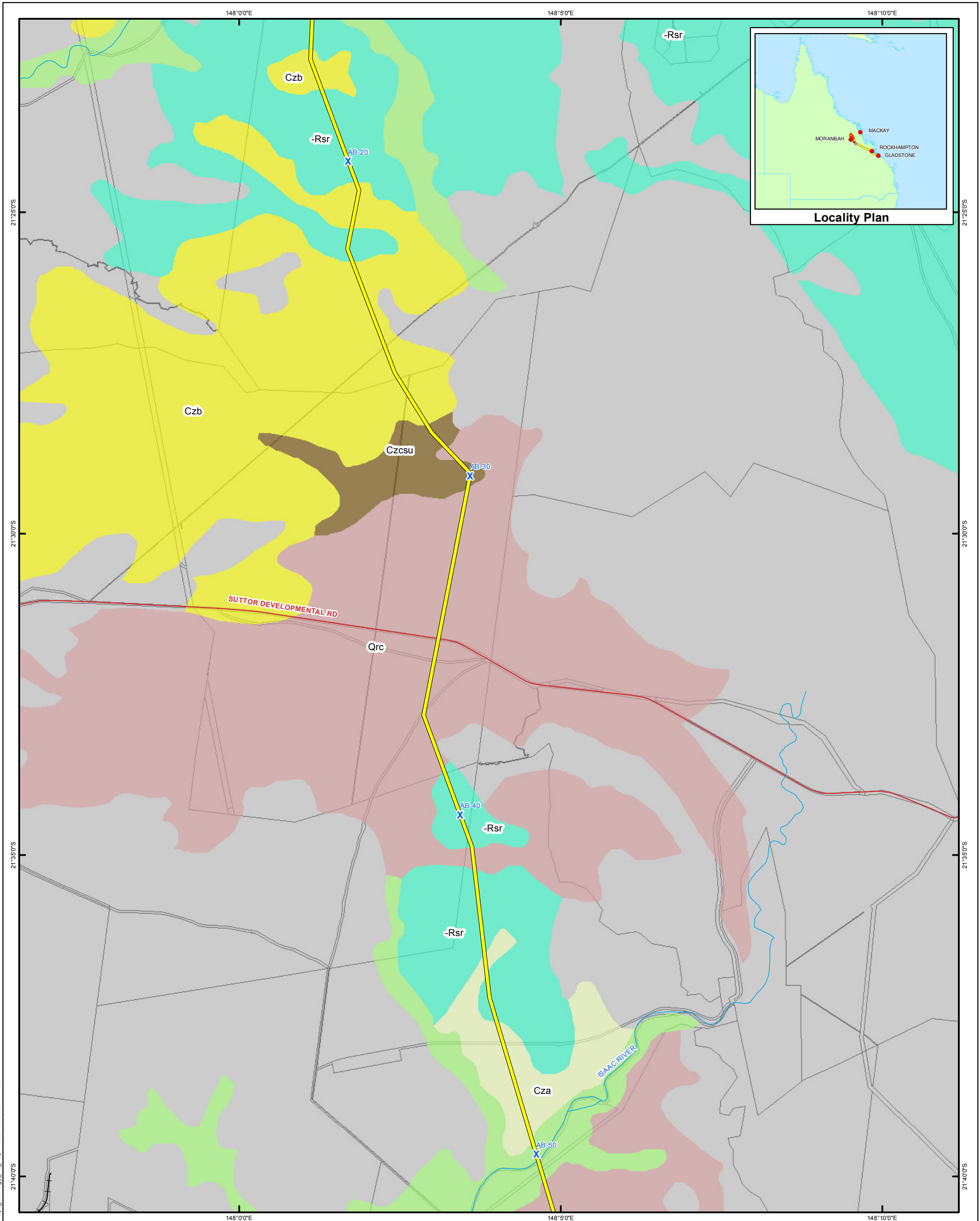
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● Localities	— Highways	-Rgok	Czcsu
✕ Kilometre Points	— Major Roads	-Rsr	Czft
— AB Mainline Rev D	— Major Watercourses	Csr	Czl
— Dysart Lateral Rev D	— Cadastre	Cza	Czodu
— Elphinstone Lateral Rev D		Czb	Czs
— Saraji Lateral Rev D		Czc	Dsam
— Railways			Kbad
			Kfms
			Pbrk
			Pgmr
			Pgob
			Pok
			Psb
			Pwb
			Pwlc
			Pwlz
			Qa
			Qrc
			SDwcr

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points

Scale: 1:100,000 @ A3
 Coordinate System: GCS GDA 1994

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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		Surface Geology	
● Localities	— Highways	■ -Rgok	■ Czcsu
✕ Kilometre Points	— Major Roads	■ -Rsr	■ Czft
— AB Mainline Rev D	— Major Watercourses	■ -Rsr	■ Czl
— Dysart Lateral Rev D	— Cadastre	■ Csr	■ Czodu
— Elphinstone Lateral Rev D		■ Cza	■ Czs
— Saraji Lateral Rev D		■ Czb	■ Dsam
— Railways		■ Czc	■ Kbad
			■ Kfms
			■ Pkd
			■ Pbrk
			■ Pgmr
			■ Pqob
			■ Pwb
			■ Pwlc
			■ Pwlz
			■ Qa
			■ Qrc
			■ SDwcr
			■ Pok
			■ Psb

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
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 ABP Lateral RevD
 Kilometre Points

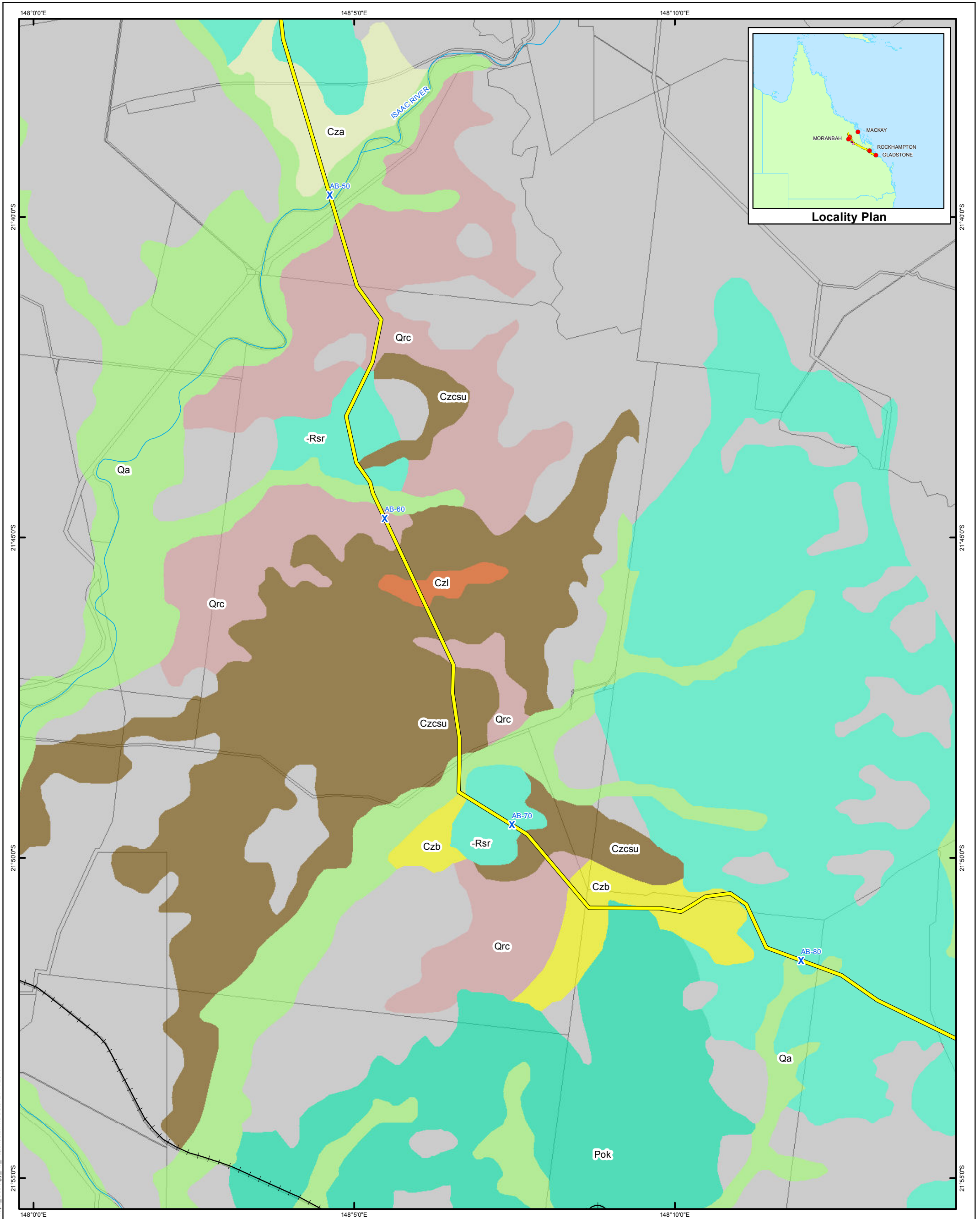
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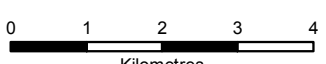
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		Surface Geology	
● Localities	Highways	-Rgok	Czcsu
✕ Kilometre Points	Major Roads	-Rsr	Czft
— AB Mainline Rev D	Major Watercourses	Csr	Czi
— Dysart Lateral Rev D	Cadastre	Cza	Czodu
— Elphinstone Lateral Rev D		Czb	Czs
— Saraji Lateral Rev D		Czc	Dsam
— Railways			Kbad
			Pok
			Psb
			Pwb
			Pwlc
			Pwlz
			Pgmr
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			SDwcr
			Qa
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			Pkfs

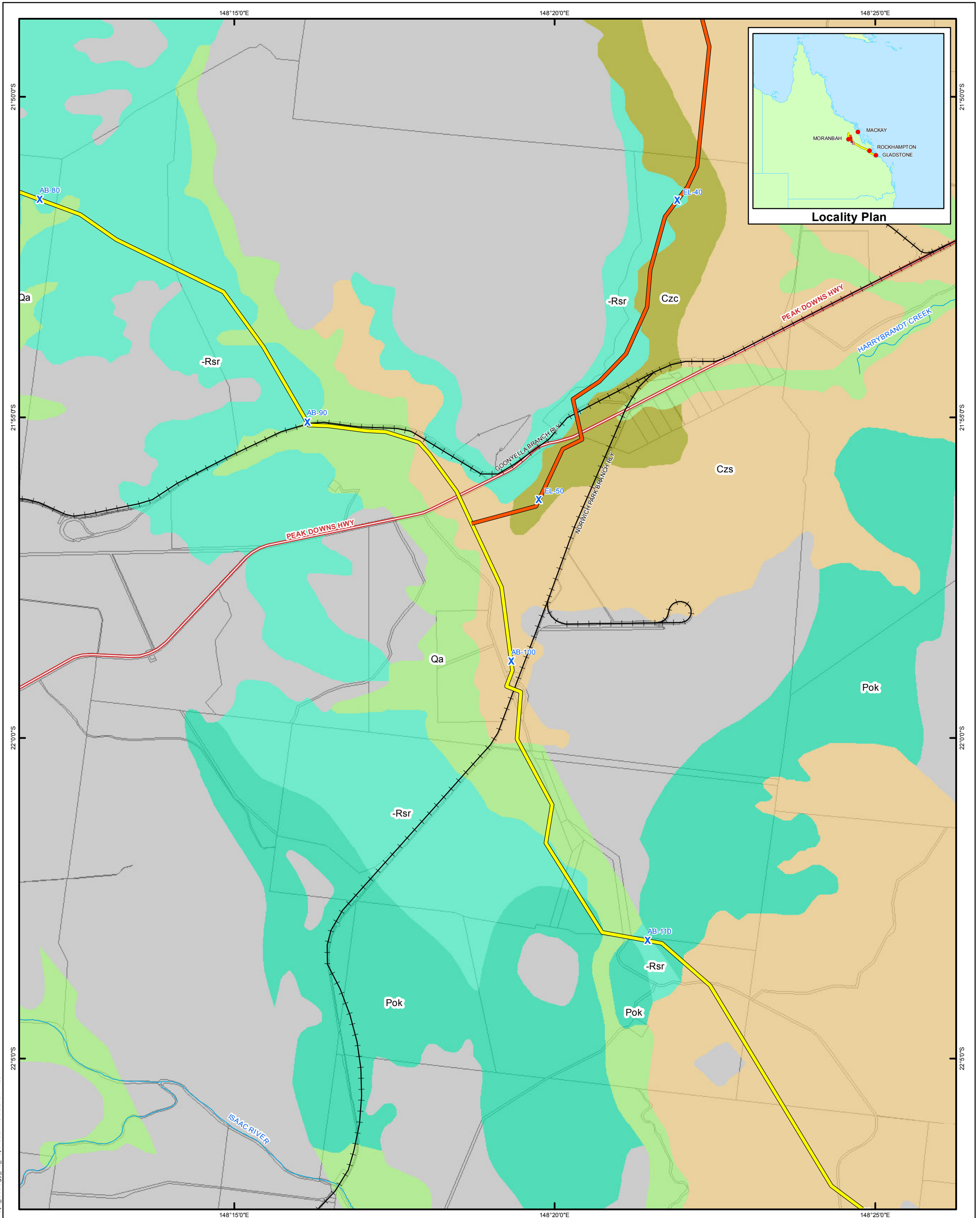
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 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points


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 Scale: 1:100,000 @ A3
 Coordinate System: GCS GDA 1994

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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend	
● Localities	— Highways
X Kilometre Points	— Major Roads
— AB Mainline Rev D	— Major Watercourses
— Dysart Lateral Rev D	— Cadastre
— Elphinstone Lateral Rev D	— Railways
— Saraji Lateral Rev D	
— Surface Geology	— Kfms
— -Rgok	— Czft
— -Rsr	— Czl
— Csr	— Czodu
— Cza	— Czs
— Czb	— Dsam
— Czc	— Kbad
	— Pwb
	— Pwlc
	— Pwlz
	— Qa
	— Pgm
	— Pgb
	— Pgc
	— SDwcr
	— Psb

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points

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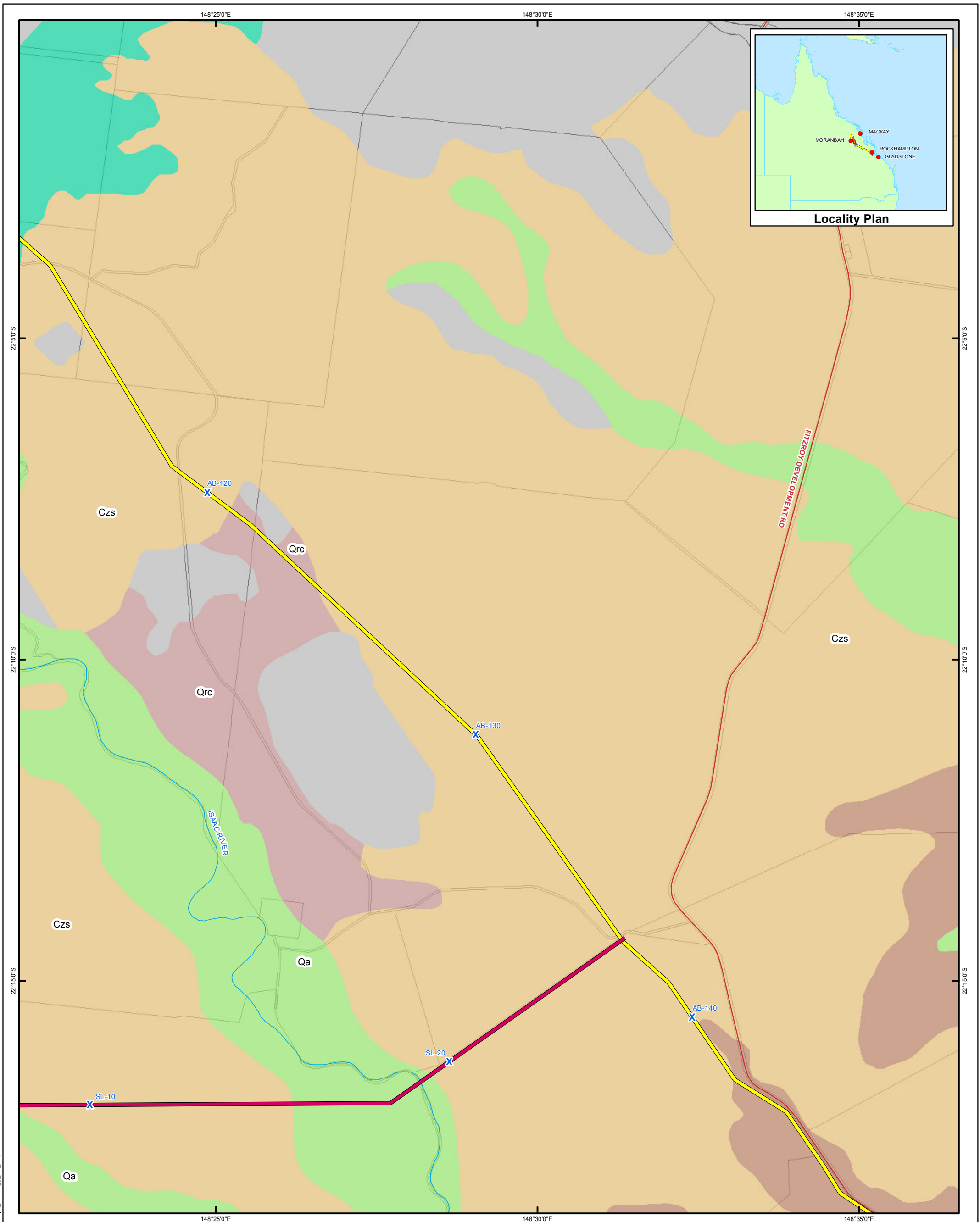
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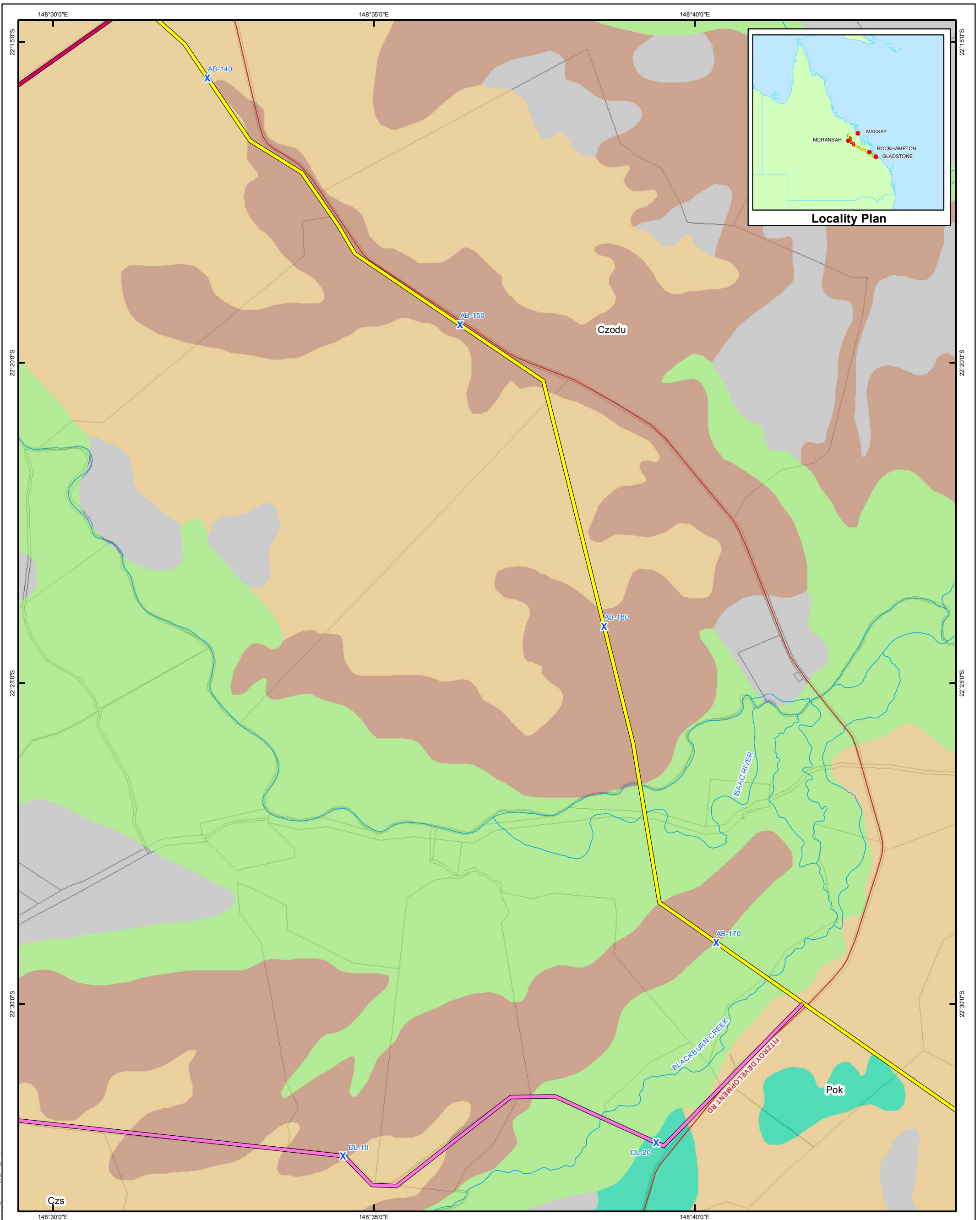
Map 6: Geology

Legend <ul style="list-style-type: none"> ● Localities ✕ Kilometre Points — AB Mainline Rev D — Dysart Lateral Rev D — Elphinstone Lateral Rev D — Saraji Lateral Rev D — Railways 		<ul style="list-style-type: none"> — Highways — Major Roads — Major Watercourses — Cadastre 		Surface Geology <ul style="list-style-type: none"> -Rgok -Rsr Csr Cza Czb Czc Czcsu Czft Czl Czodu Czs Dsam Kbad Kfms PKd Pbrk Pgmr Pgob Pok Psb Pwb Pwlc Pwlz Qa Qrc SDwcr 		<p>Data Sources: StreetPro: Localities, Roads, Railways DERM: Cadastre, Major Watercourses Geoscience Australia: Surface Geology Data Supplied by Arrow Energy: ABP Mainline RevD, ABP Lateral RevD Kilometre Points</p>	<p>N</p> <p>0 1 2 3 4 Kilometres</p> <p>Scale: 1:100,000 @ A3 Coordinate System: GCS GDA 1994</p>	
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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		Surface Geology	
● Localities	Highways	-Rgok	Czcsu
✕ Kilometre Points	Major Roads	-Rsr	Czft
AB Mainline Rev D	Major Watercourses	Csr	Czl
Dysart Lateral Rev D	Cadastre	Cza	Czodu
Elphinstone Lateral Rev D		Czb	Czs
Saraji Lateral Rev D		Czc	Dsam
Railways			Kbad
			Pkb
			Pwb
			Pwlc
			Pwlz
			Qa
			Qrc
			SDwcr
			Pok
			Psb
			Pgob
			Pgm
			Pkd

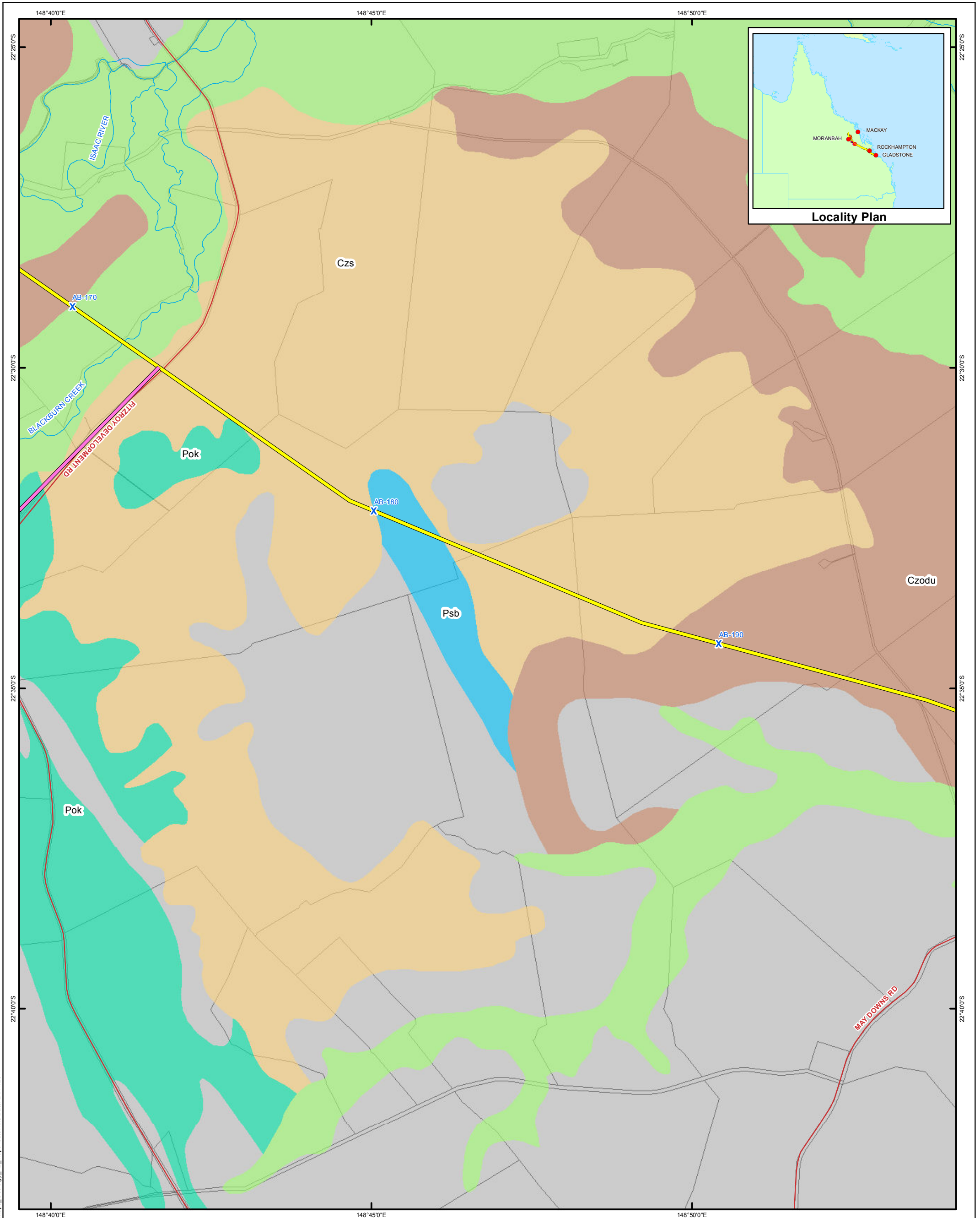
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 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points


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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

● Localities	— Highways	Surface Geology	■ Czcsu	■ Kfms	■ Pwb
X Kilometre Points	— Major Roads	■ -Rgok	■ Czft	■ PKd	■ Pwlc
— AB Mainline Rev D	— Major Watercourses	■ -Rsr	■ Czl	■ Pbrk	■ Pwlz
— Dysart Lateral Rev D	— Cadastre	■ Csr	■ Czodu	■ Pgmt	■ Qa
— Elphinstone Lateral Rev D		■ Cza	■ Czs	■ Pgeb	■ Qrc
— Saraji Lateral Rev D		■ Czb	■ Dsam	■ Pok	■ SDwcr
— Railways		■ Czc	■ Kbad	■ Psb	

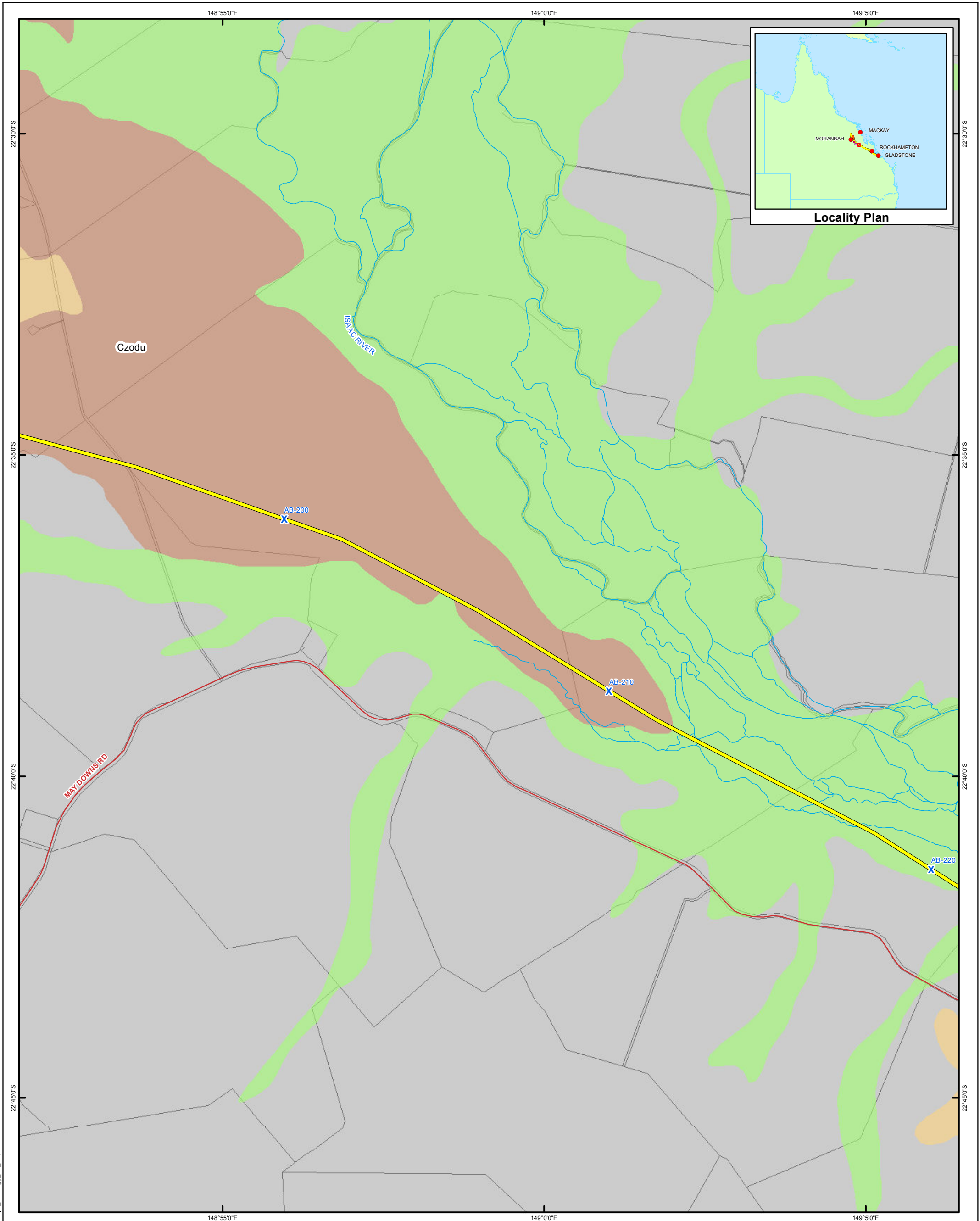
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 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
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 ABP Lateral RevD
 Kilometre Points

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 Coordinate System: GCS GDA 1994

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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		
● Localities	— Highways	Surface Geology
✕ Kilometre Points	— Major Roads	— -Rgok
— AB Mainline Rev D	— Major Watercourses	— -Rsr
— Dysart Lateral Rev D	— Cadastre	— Csr
— Elphinstone Lateral Rev D		— Cza
— Saraji Lateral Rev D		— Czb
— Railways		— Czc
		— Czcsu
		— Czft
		— Czl
		— Czodu
		— Czs
		— Dsam
		— Kbad
		— Kfms
		— Pbrk
		— Pgb
		— Pgbg
		— Pok
		— Psb
		— Pwb
		— Pwlc
		— Pwlz
		— Qa
		— Qrc
		— SDwcr

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
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 ABP Lateral RevD
 Kilometre Points

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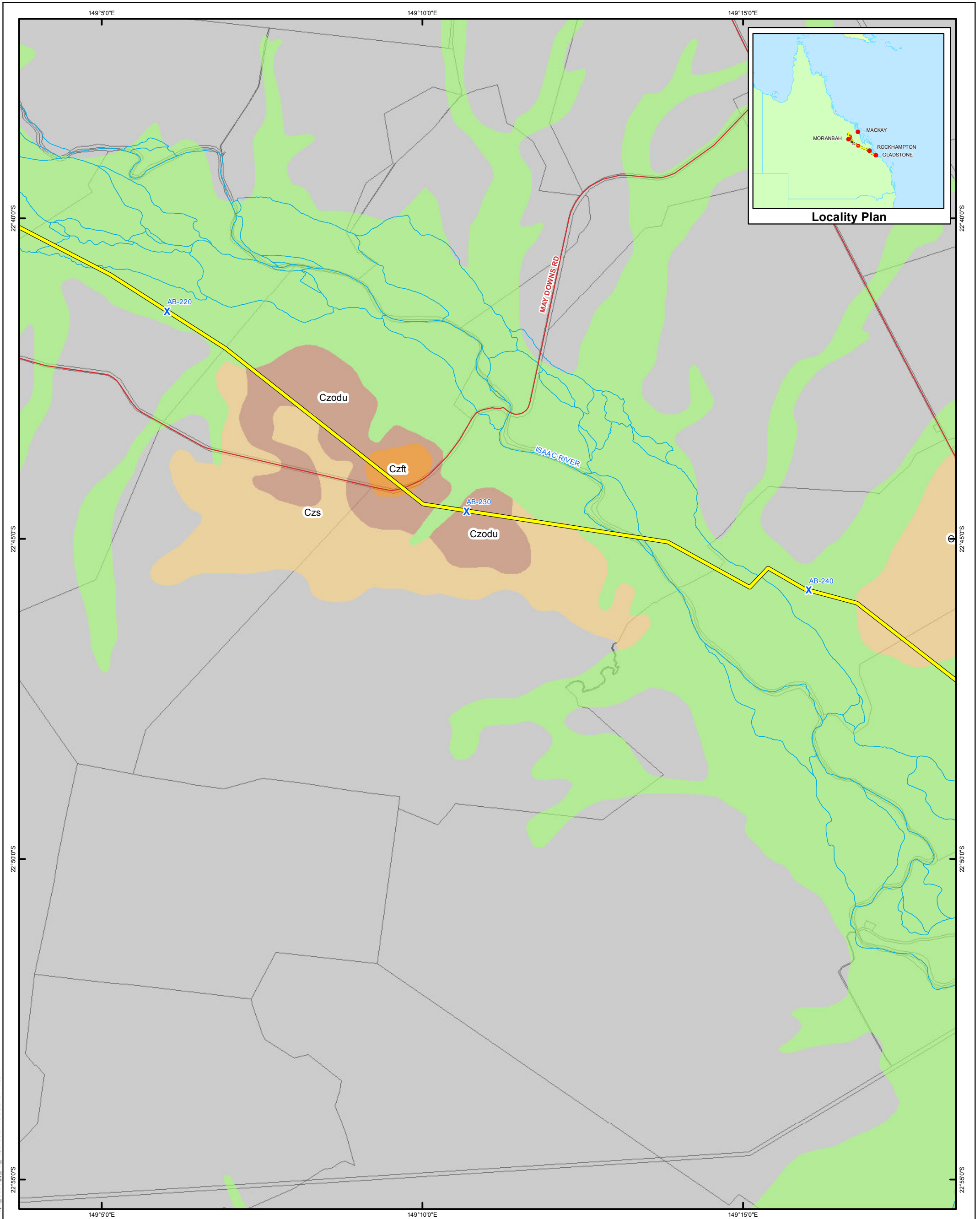
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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		
● Localities	Highways	Surface Geology
X Kilometre Points	Major Roads	-Rgok
AB Mainline Rev D	Major Watercourses	-Rsr
Dysart Lateral Rev D	Cadastre	Csr
Elphinstone Lateral Rev D		Cza
Saraji Lateral Rev D		Czb
Railways		Czc
		Czcsu
		Czft
		Czl
		Czodu
		Dsam
		Kbad
		Kfms
		PKd
		Pbrk
		Pgm
		Pkob
		Pok
		Psb
		Pwb
		Pwlc
		Pwlz
		Qa
		Qrc
		SDwcr

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
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 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points

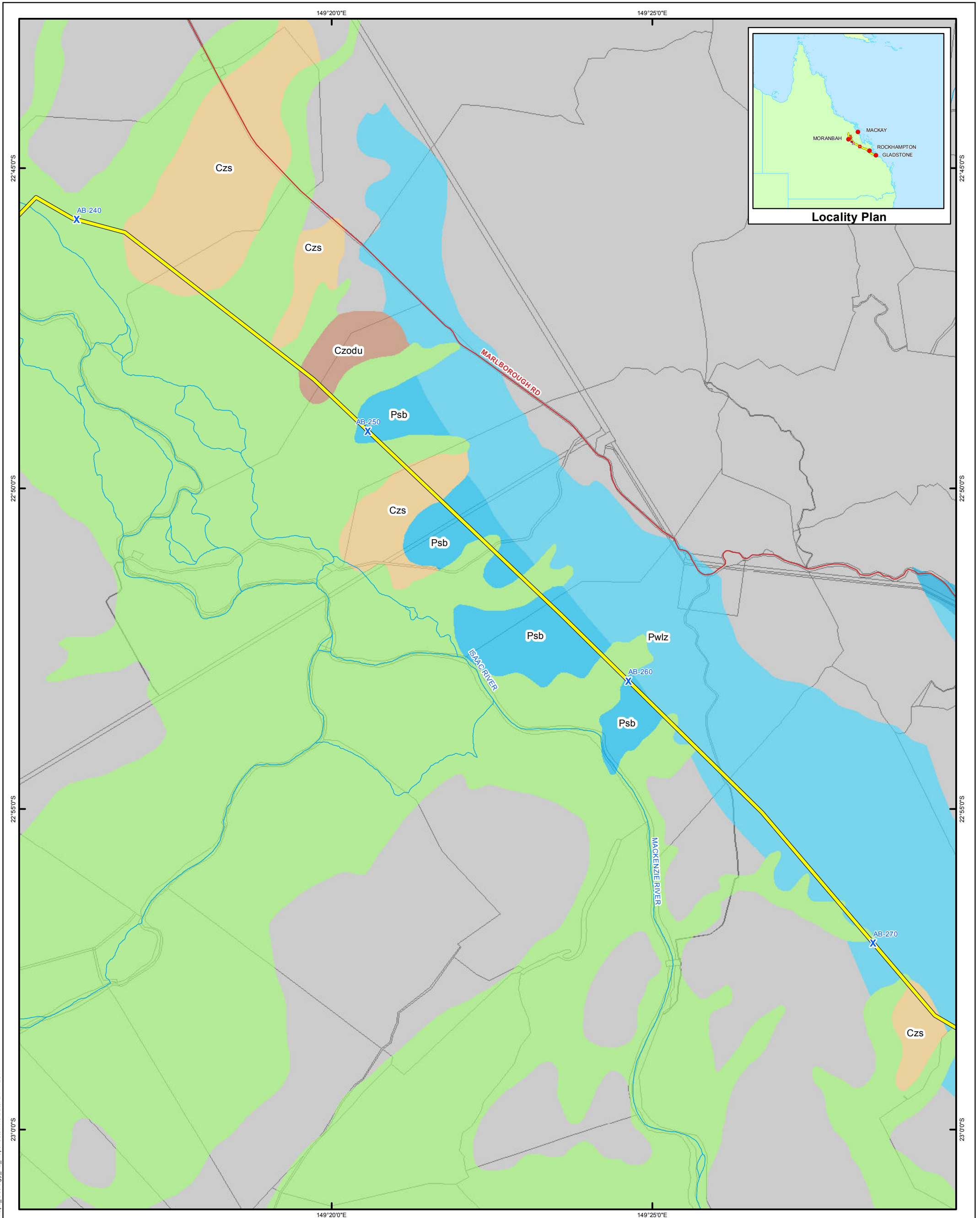
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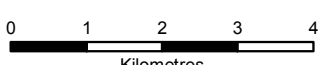
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		Surface Geology	
● Localities	— Highways	■ -Rgok	■ Kfms
✕ Kilometre Points	— Major Roads	■ -Rsr	■ Pwb
— AB Mainline Rev D	— Major Watercourses	■ Csu	■ Pwlc
— Dysart Lateral Rev D	— Cadastre	■ Czft	■ Pwiz
— Elphinstone Lateral Rev D		■ Czl	■ Qa
— Saraji Lateral Rev D		■ Czodu	■ Qrc
— Railways		■ Cza	■ Qc
		■ Czb	■ Qd
		■ Czc	■ Qe
		■ Dsam	■ Qf
		■ Kbad	■ Qg
		■ Pobr	■ Qh
		■ Pobr	■ Qi
		■ Pobr	■ Qj
		■ Pobr	■ Qk
		■ Pobr	■ Ql
		■ Pobr	■ Qm
		■ Pobr	■ Qn
		■ Pobr	■ Qo
		■ Pobr	■ Qp
		■ Pobr	■ Qq
		■ Pobr	■ Qr
		■ Pobr	■ Qs
		■ Pobr	■ Qt
		■ Pobr	■ Qu
		■ Pobr	■ Qv
		■ Pobr	■ Qw
		■ Pobr	■ Qx
		■ Pobr	■ Qy
		■ Pobr	■ Qz

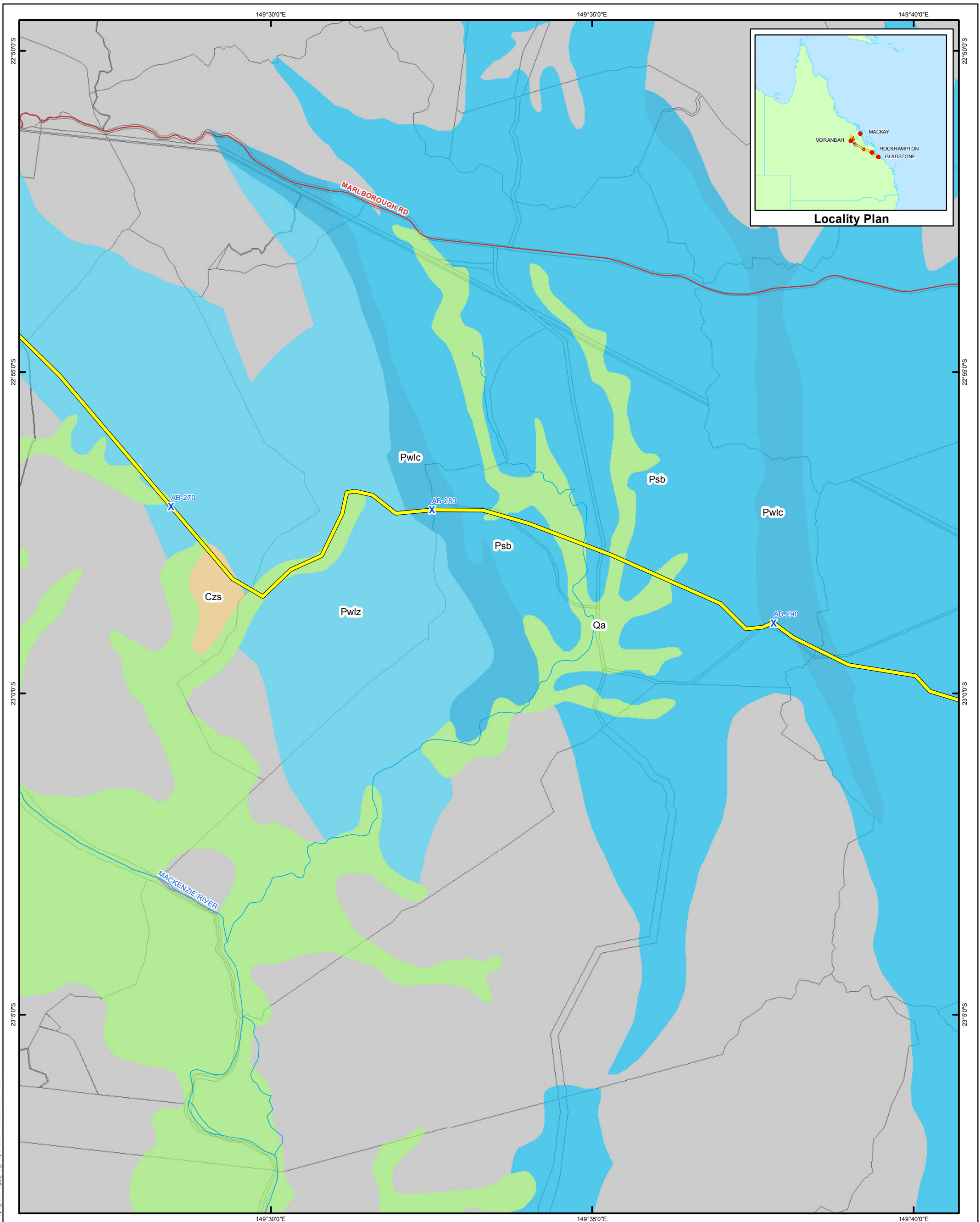
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 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points


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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Localities	Highways	Surface Geology	Czcsu	Kfms	Pwb
Kilometre Points	Major Roads	-Rgok	Czft	PKd	Pwlc
AB Mainline Rev D	Major Watercourses	-Rsr	Czl	Pbrk	Pwiz
Dysart Lateral Rev D	Cadastre	Csr	Czodu	Pgmr	Qa
Elphinstone Lateral Rev D		Cza	Czs	Pgob	Qrc
Saraji Lateral Rev D		Czb	Dsam	Pok	SDwcr
Railways		Czc	Kbad	Psb	

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points

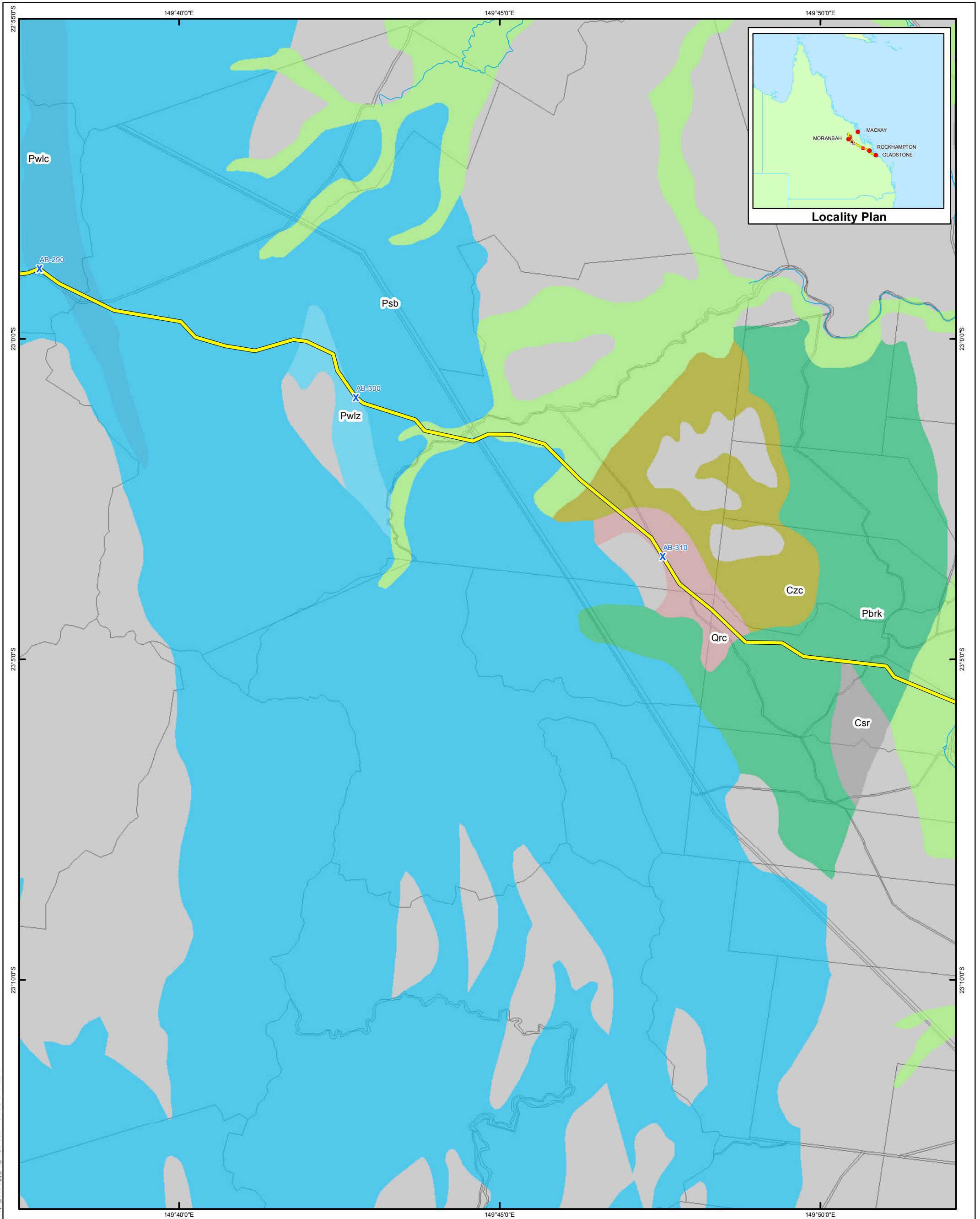
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Coordinate System: GCS GDA 1994

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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Localities	Highways	Surface Geology	Czcsu	Kfms	Pwb
Kilometre Points	Major Roads	-Rgok	Czft	PKd	Pwlc
AB Mainline Rev D	Major Watercourses	-Rsr	Czl	Pbrk	Pwz
Dysart Lateral Rev D	Cadastre	Csr	Czodu	Pgmt	Qa
Elphinstone Lateral Rev D		Cza	Czs	Pgeb	Qrc
Saraji Lateral Rev D		Czb	Dsam	Pok	SDwcr
Railways		Czc	Kbad	Psb	

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points

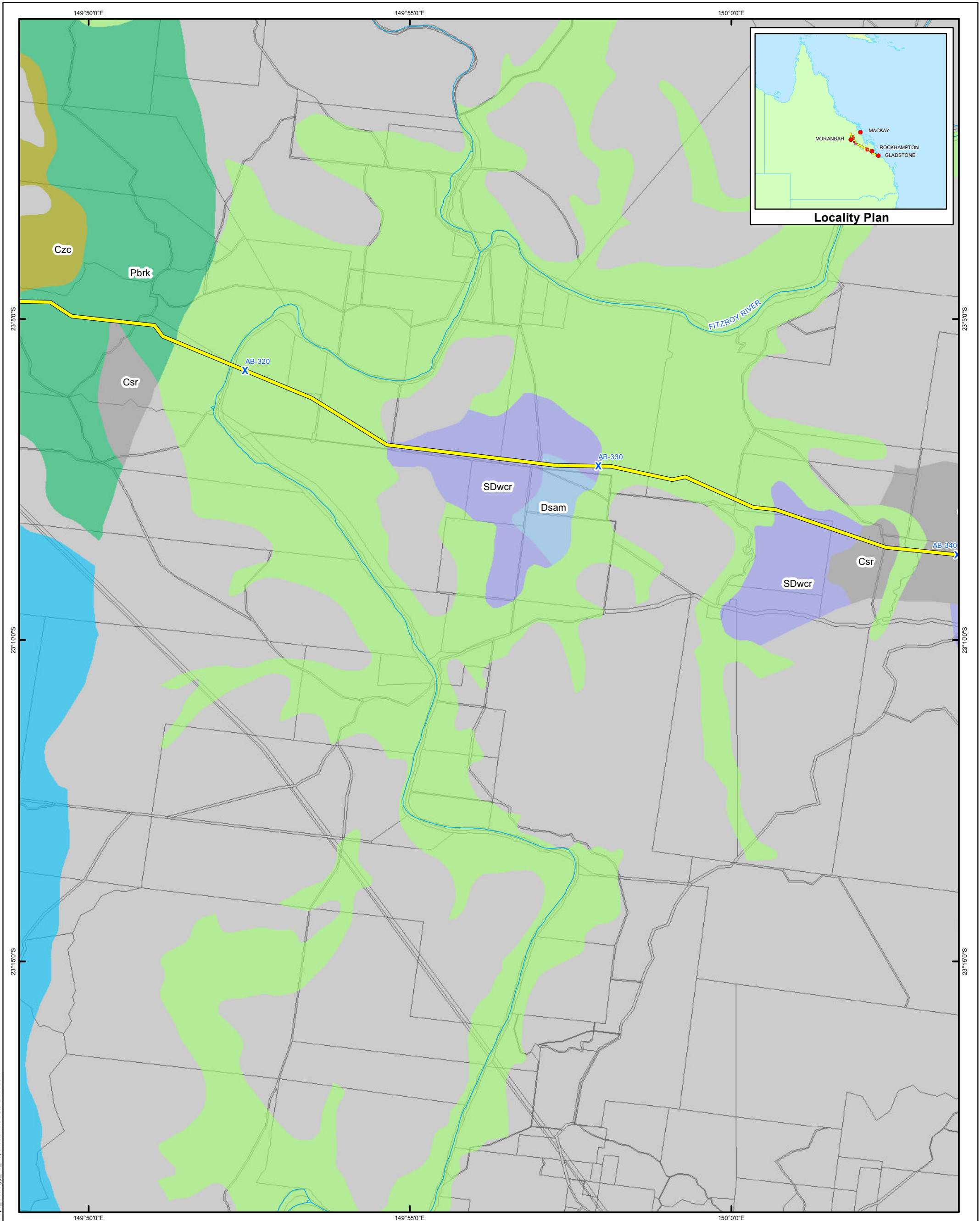
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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

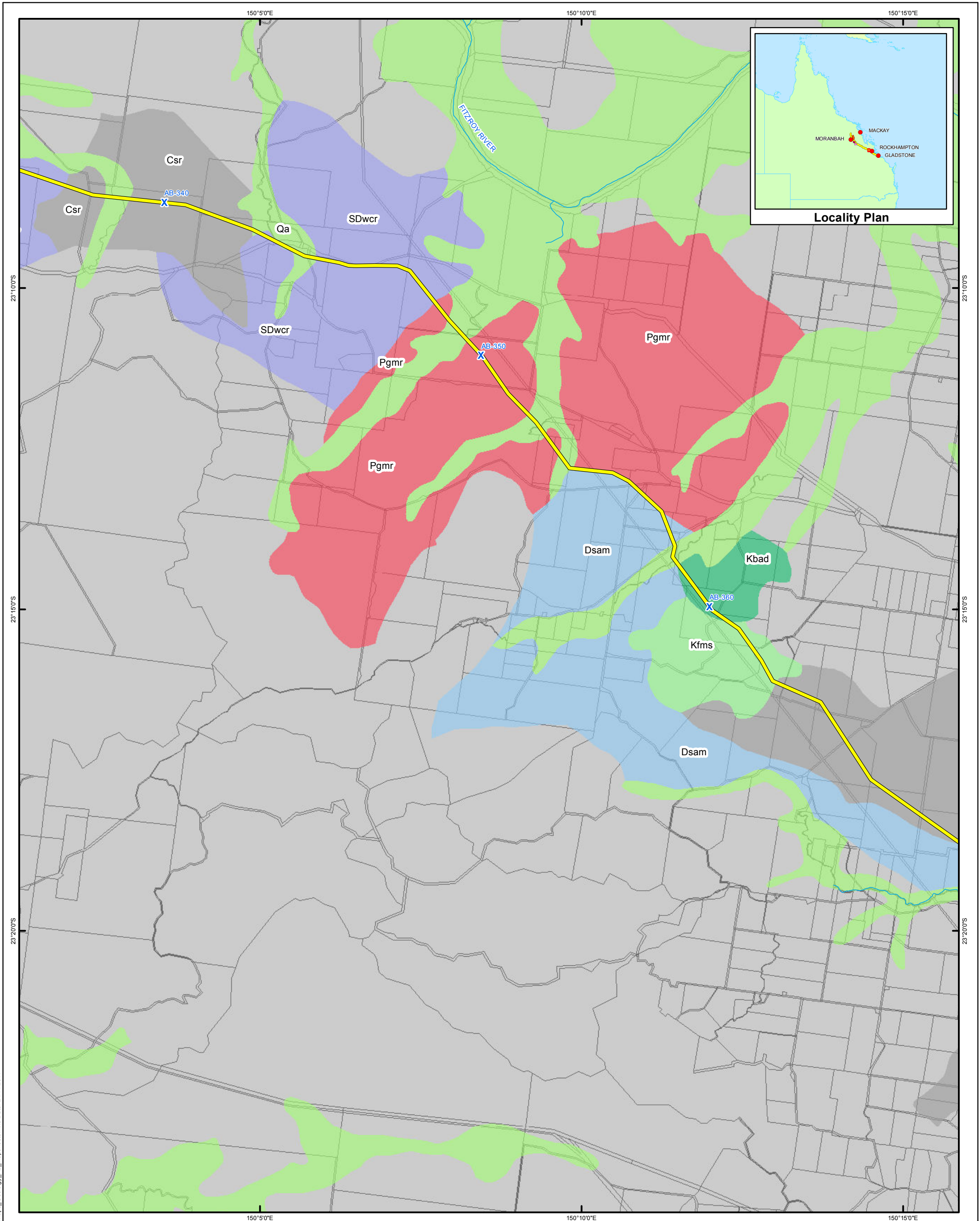
Localities	Highways	Surface Geology	Czcu	Kfms	Pwb
Kilometre Points	Major Roads	-Rgok	Czft	PKd	Pwlc
AB Mainline Rev D	Major Watercourses	-Rsr	Czi	Pbrk	Pwlz
Dysart Lateral Rev D	Cadastre	Csr	Czodu	Pgmr	Qa
Elphinstone Lateral Rev D		Cza	Czs	Pgob	Qrc
Saraji Lateral Rev D		Czb	Dsam	Pok	SDwcr
Railways		Czc	Kbad	Psb	

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points

Scale: 1:100,000 @ A3
 Coordinate System: GCS GDA 1994

NOT FOR CONSTRUCTION

ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Localities	Highways	Surface Geology	Czcsu	Kfms	Pwb
Kilometre Points	Major Roads	-Rgok	Czft	PKd	Pwlc
AB Mainline Rev D	Major Watercourses	-Rsr	CzI	Pbrk	Pwlz
Dysart Lateral Rev D	Cadastre	Csr	Czodu	Pgmr	Qa
Elphinstone Lateral Rev D		Cza	Czs	Pgeb	Qrc
Saraji Lateral Rev D		Czb	Dsam	Pok	SDwcr
Railways		Czc	Kbad	Psb	

Data Sources:
 StreetPro: Localities, Roads, Railways
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 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points

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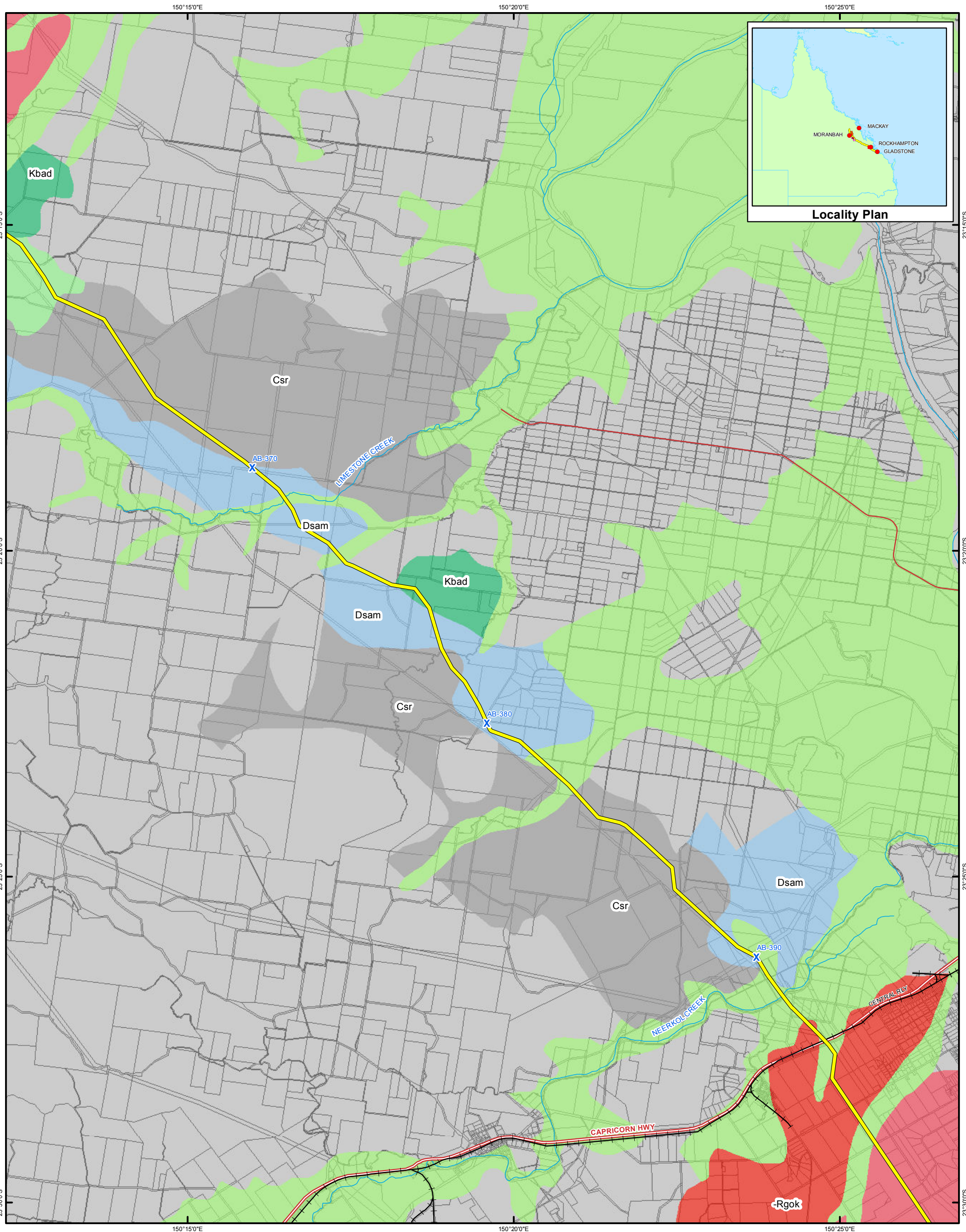
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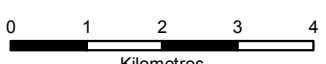
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

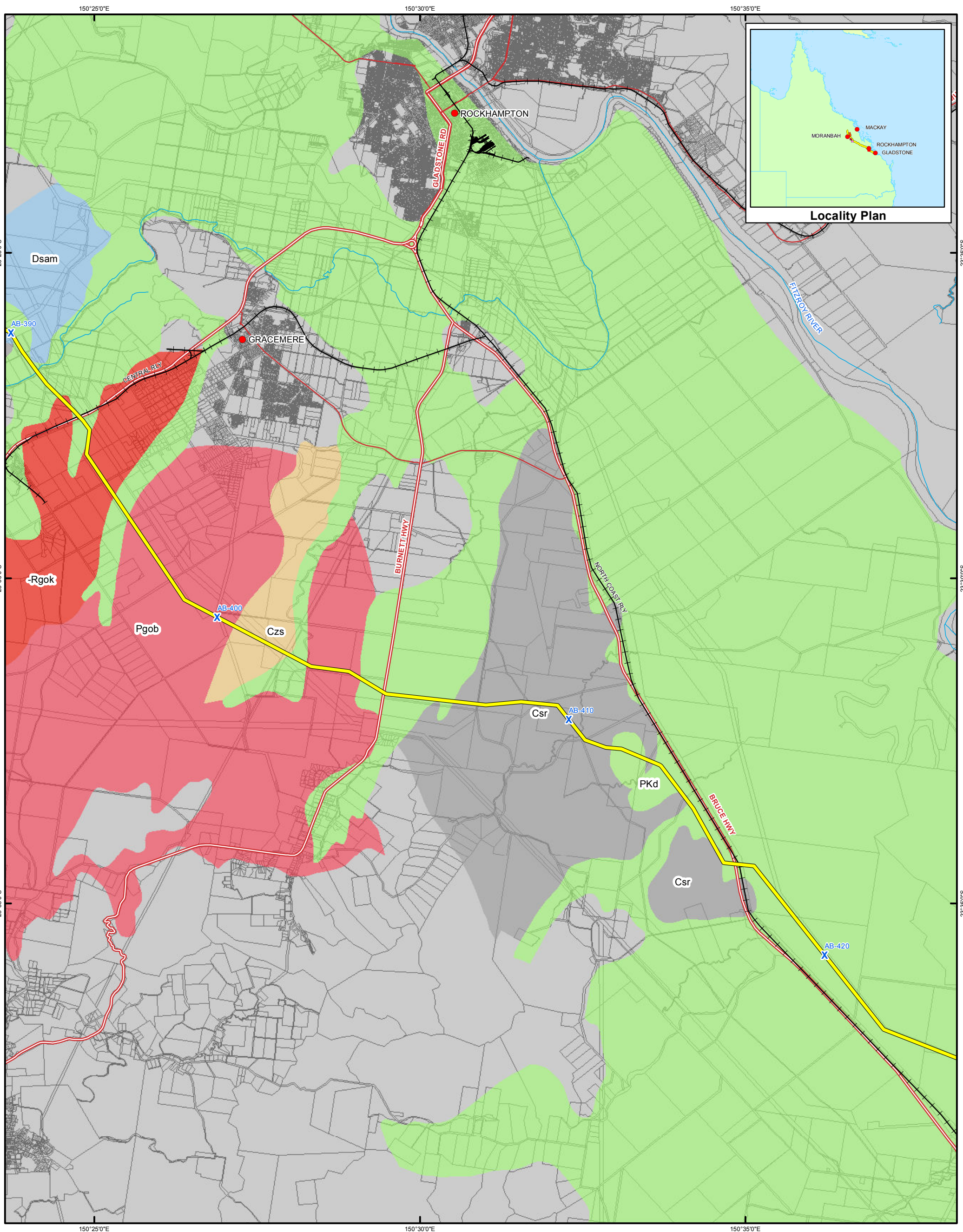
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● Localities	— Highways	-Rgok	Czcsu
✕ Kilometre Points	— Major Roads	-Rsr	Czft
— AB Mainline Rev D	— Major Watercourses	Csr	Czl
— Dysart Lateral Rev D	— Cadastre	Cza	Czodu
— Elphinstone Lateral Rev D		Czb	Czs
— Saraji Lateral Rev D		Czc	Dsam
— Railways			Kbad
			Pwb
			Pwlc
			Pwlz
			Qa
			Qrc
			SDwcr
			Pok
			Psb

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points


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 Coordinate System: GCS GDA 1994

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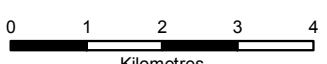
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend	
● Localities	Highways
✕ Kilometre Points	Major Roads
— AB Mainline Rev D	Major Watercourses
— Dysart Lateral Rev D	Cadastre
— Elphinstone Lateral Rev D	
— Saraji Lateral Rev D	
— Railways	
Surface Geology	
-Rgok	Czsu
-Rsr	Czft
Csr	Czli
Cza	Czodu
Czb	Czs
Czc	Dsam
	Kbad
	Kfms
	Pbrk
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	SDwcr

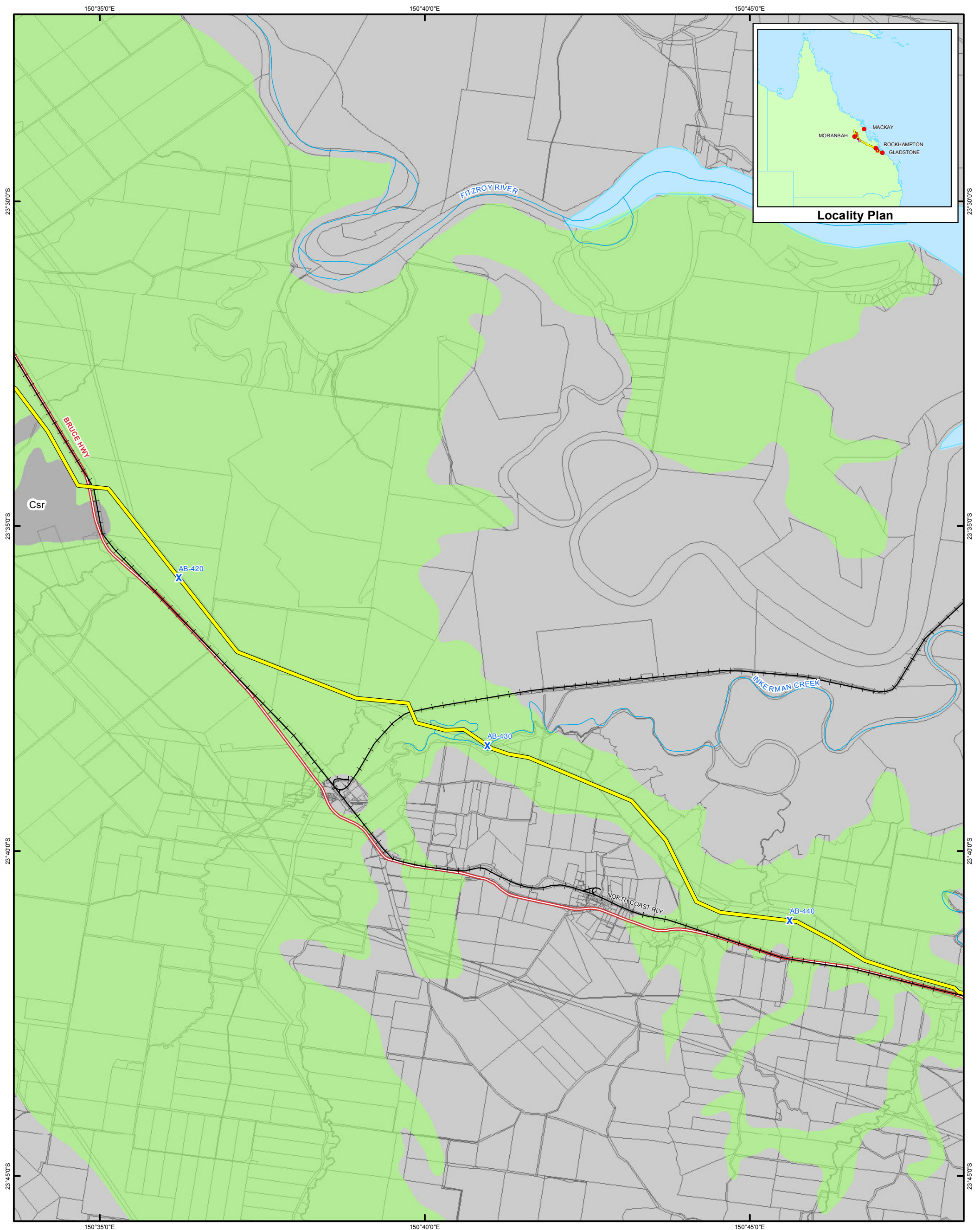
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 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points


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 Coordinate System: GCS GDA 1994

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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Localities	Highways	Surface Geology	Czsu	Kfms	Pwb
Kilometre Points	Major Roads	-Rgok	Czft	PKd	Pwlc
AB Mainline Rev D	Major Watercourses	-Rsr	CzI	Pbrk	Pwlz
Dysart Lateral Rev D	Cadastre	Csr	Czodu	Pgmt	Qa
Elphinstone Lateral Rev D		Cza	Czs	Pgob	Qrc
Saraji Lateral Rev D		Czb	Dsam	Pok	SDwcr
Railways		Czc	Kbad	Psb	

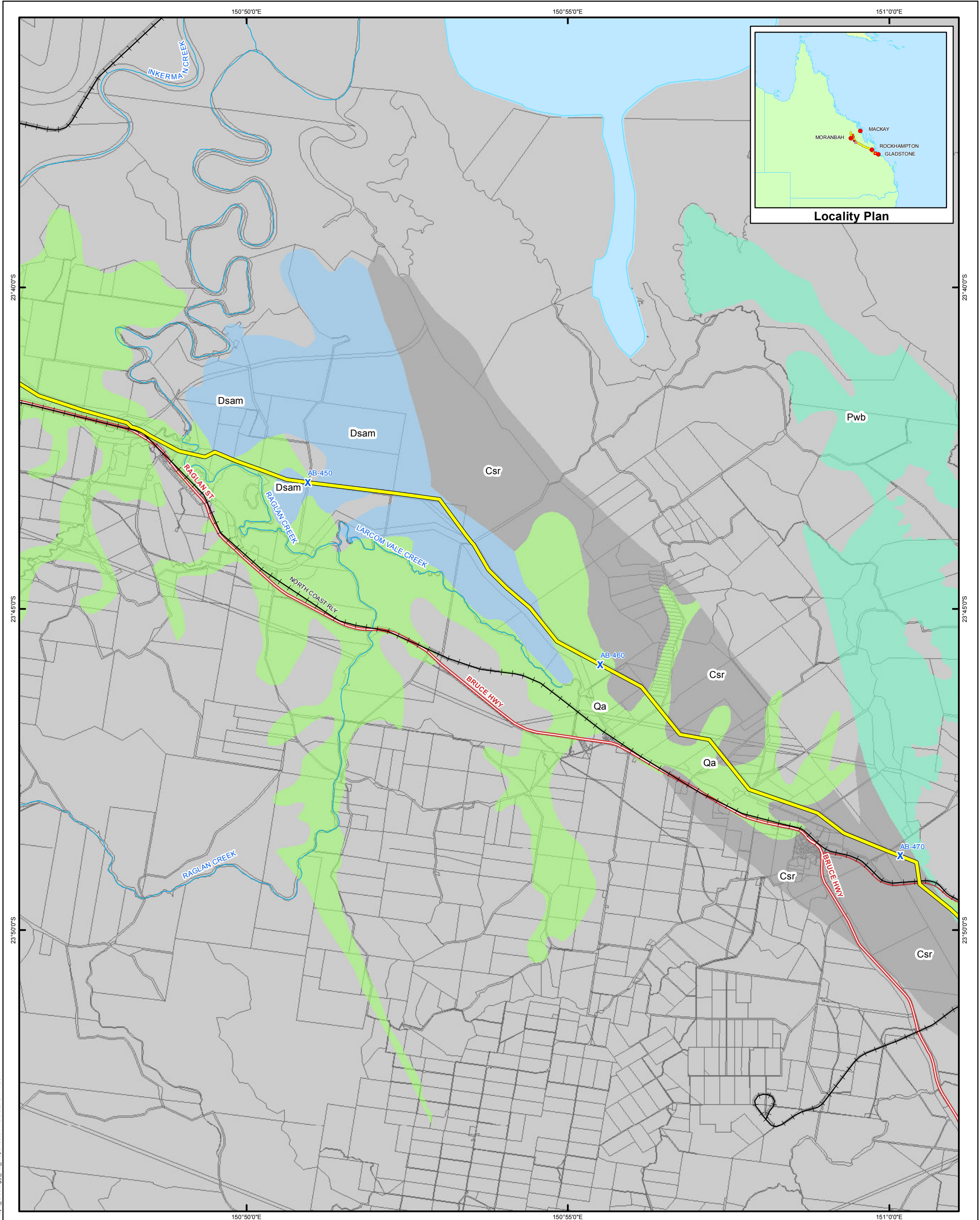
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 ABP Lateral RevD
 Kilometre Points

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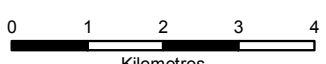
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		Surface Geology	
● Localities	— Highways	-Rgok	Czsu
✕ Kilometre Points	— Major Roads	-Rsr	Czft
— AB Mainline Rev D	— Major Watercourses	Csr	Czl
— Dysart Lateral Rev D	— Cadastre	Cza	Czodu
— Elphinstone Lateral Rev D		Czb	Czs
— Saraji Lateral Rev D		Czc	Dsam
— Railways			Kbad
			Pbrk
			Pgob
			Pgmr
			Pok
			Psb
			Pwbc
			Pwlz
			Qa
			Qrc
			SDwcr
			Pwb

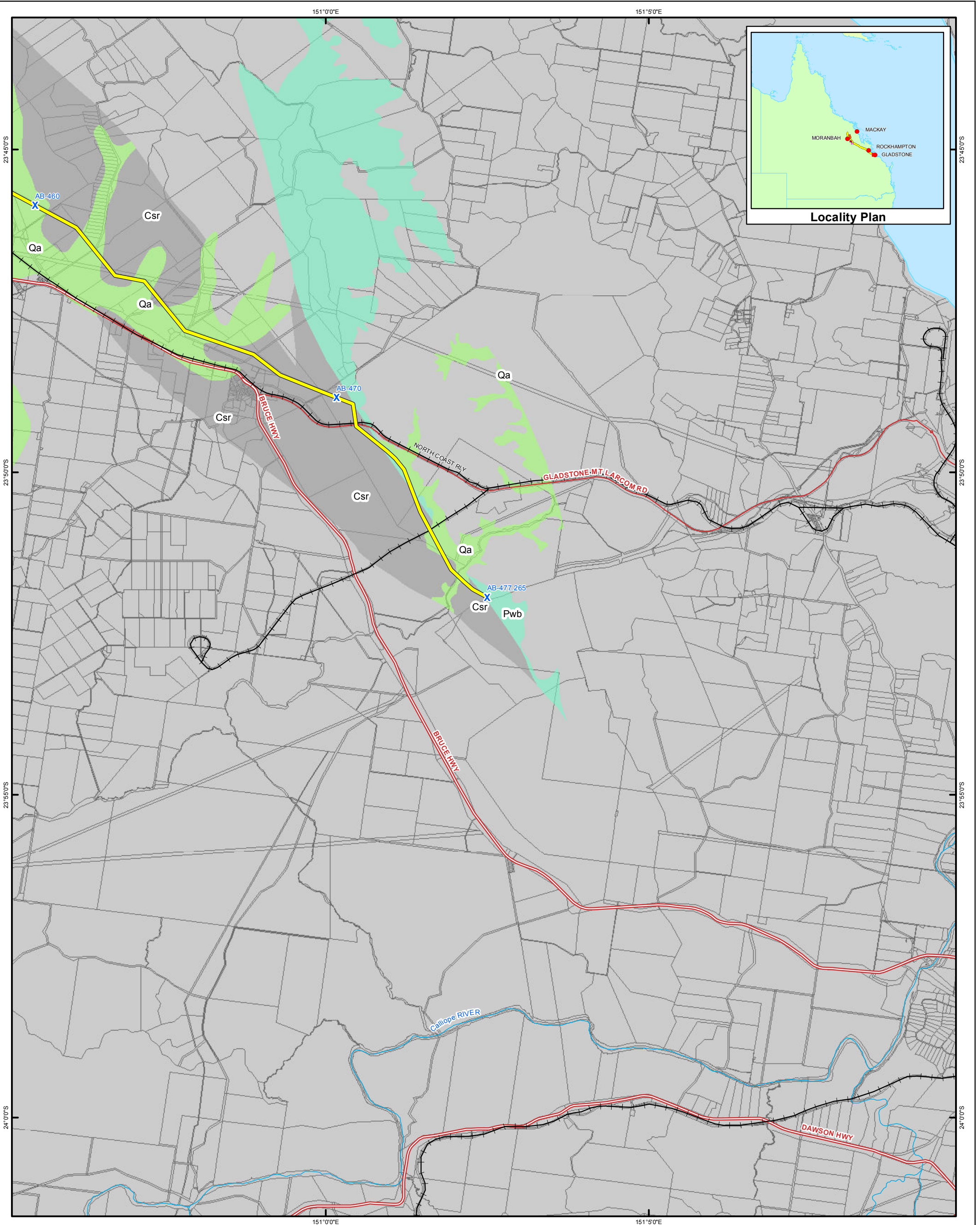
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 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points


 go further


 Scale: 1:100,000 @ A3
 Coordinate System: GCS GDA 1994

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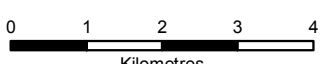
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

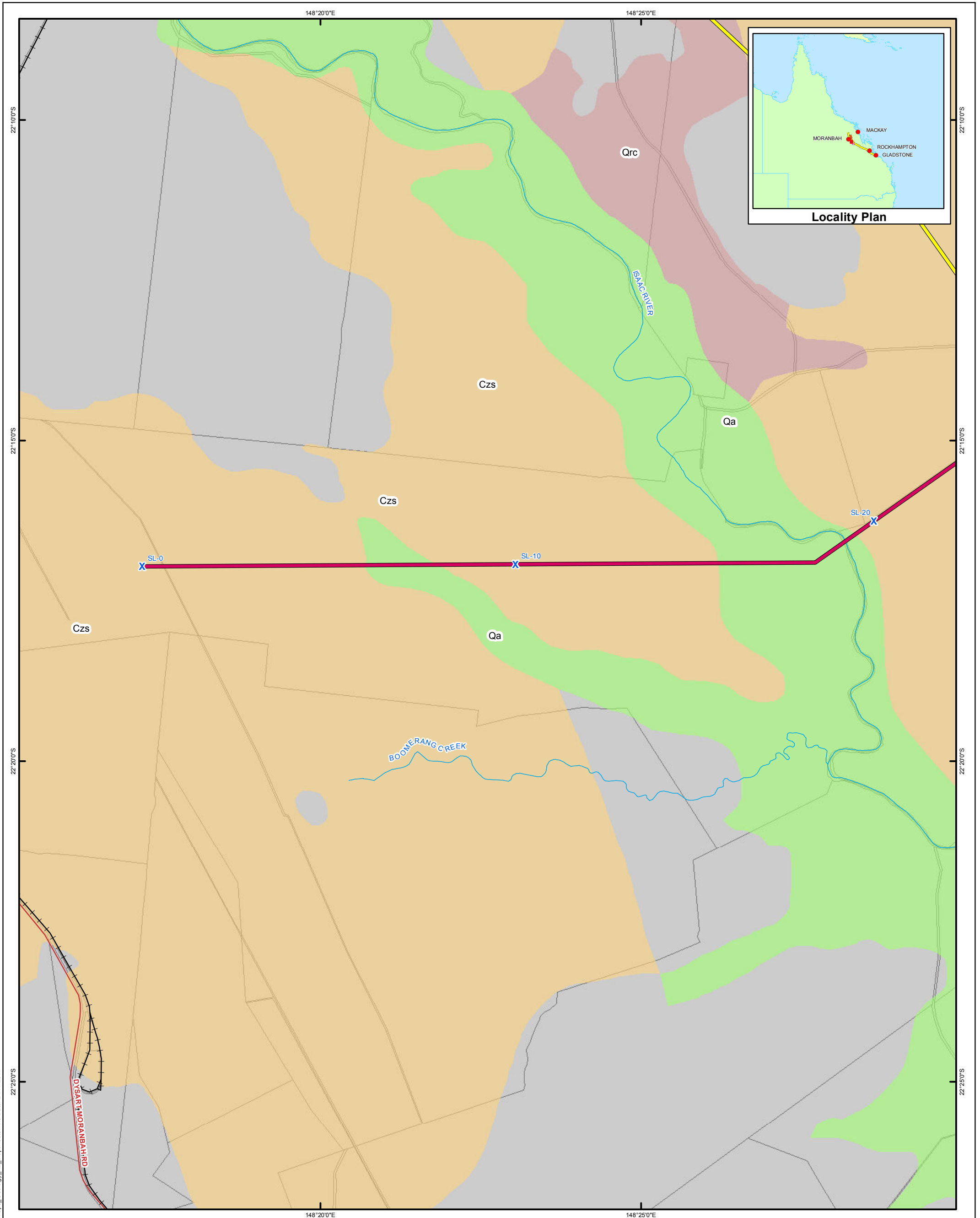
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● Localities	— Highways
✕ Kilometre Points	— Major Roads
— AB Mainline Rev D	— Major Watercourses
— Dysart Lateral Rev D	— Cadastre
— Elphinstone Lateral Rev D	
— Saraji Lateral Rev D	
— Railways	
Surface Geology	Surface Geology
-Rgok	Czcsu
-Rsr	Czft
Csr	Czli
Cza	Czodu
Czb	Czs
Czc	Dsam
	Kbad
	Kfms
	PKd
	Pbrk
	Pgmr
	Pgob
	Pok
	Psb
	Pwb
	Pwlc
	Pwlz
	Qa
	Qrc
	SDwcr

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points


 go further


 Scale: 1:100,000 @ A3
 Coordinate System: GCS GDA 1994

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ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		
● Localities	Highways	Surface Geology
X Kilometre Points	Major Roads	-Rgok
AB Mainline Rev D	Major Watercourses	-Rsr
Dysart Lateral Rev D	Cadastre	Csr
Elphinstone Lateral Rev D		Cza
Saraji Lateral Rev D		Czb
Railways		Czc
		Czcsu
		Czft
		Czli
		Czodu
		Dsam
		Kbad
		Kfms
		PKd
		Pbrk
		Pgmr
		Pgob
		Pok
		Psb
		Pwb
		Pwlc
		Pwlz
		Qa
		Qrc
		SDwcr

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points

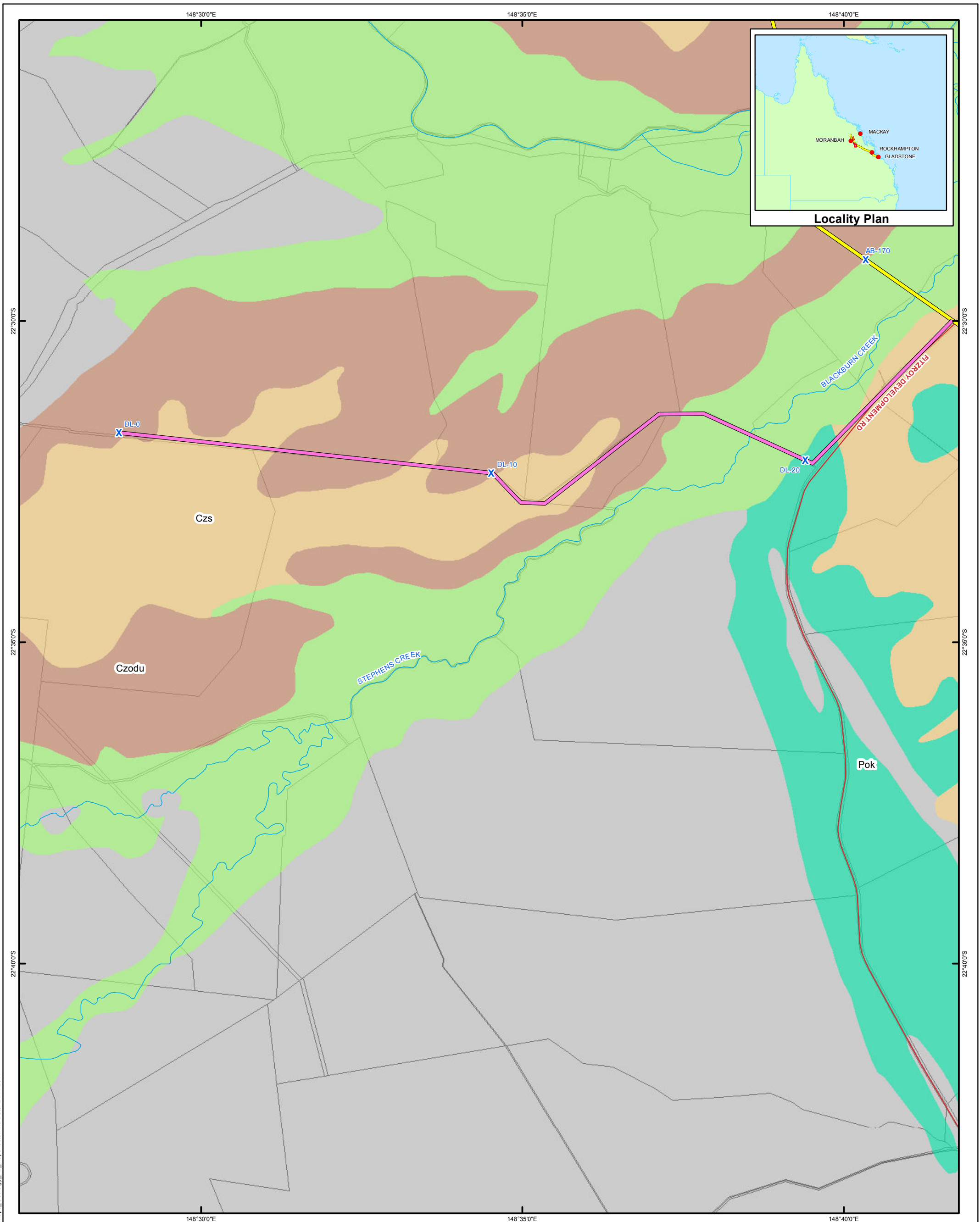
N

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Kilometres

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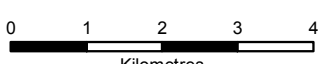
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

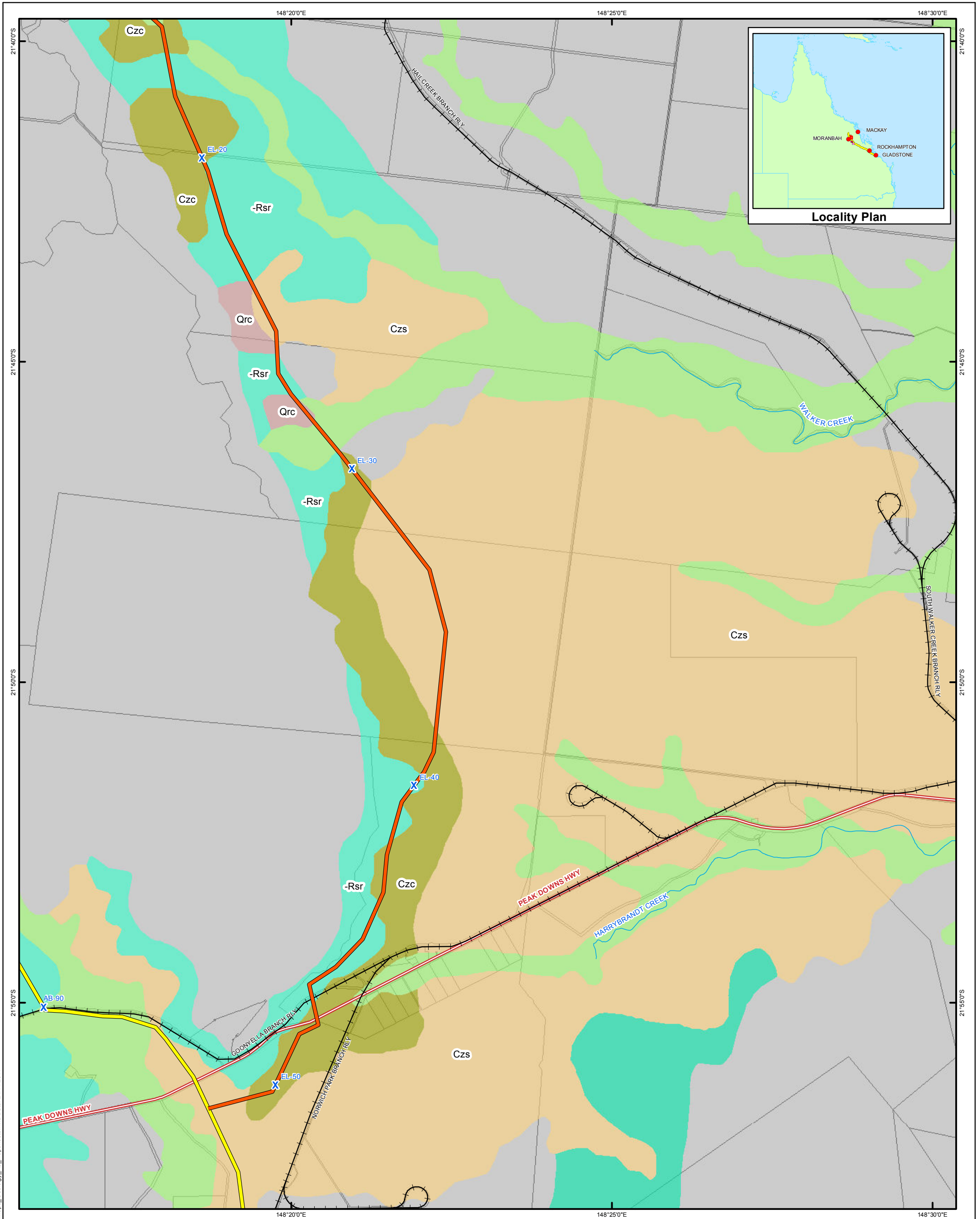
Legend		
● Localities	— Highways	Surface Geology
✕ Kilometre Points	— Major Roads	-Rgok
— AB Mainline Rev D	— Major Watercourses	-Rsr
— Dysart Lateral Rev D	— Cadastre	Csr
— Elphinstone Lateral Rev D		Cza
— Saraji Lateral Rev D		Czb
— Railways		Czc
		Czcsu
		Czft
		Czl
		Czodu
		Dsam
		Kbad
		Kfms
		PKd
		Pbrk
		Pgmrr
		Pgob
		Pok
		Psb
		Pwb
		Pwlc
		Pwlz
		Qa
		Qrc
		SDwcr

Data Sources:
 StreetPro: Localities, Roads, Railways
 DERM: Cadastre, Major Watercourses
 Geoscience Australia: Surface Geology
 Data Supplied by Arrow Energy:
 ABP Mainline RevD,
 ABP Lateral RevD
 Kilometre Points


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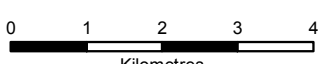
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		Surface Geology	
● Localities	— Highways	-Rgok	Czcsu
✕ Kilometre Points	— Major Roads	-Rsr	Czft
— AB Mainline Rev D	— Major Watercourses	Csr	Czi
— Dysart Lateral Rev D	— Cadastre	Cza	Czodu
— Elphinstone Lateral Rev D		Czb	Czs
— Saraji Lateral Rev D		Czc	Dsam
— Railways			Kbad
			Pmgr
			Pkob
			SDwcr
			Pwb
			Pwlc
			Pwlz
			Qa
			Pok
			Psb
			Qrc

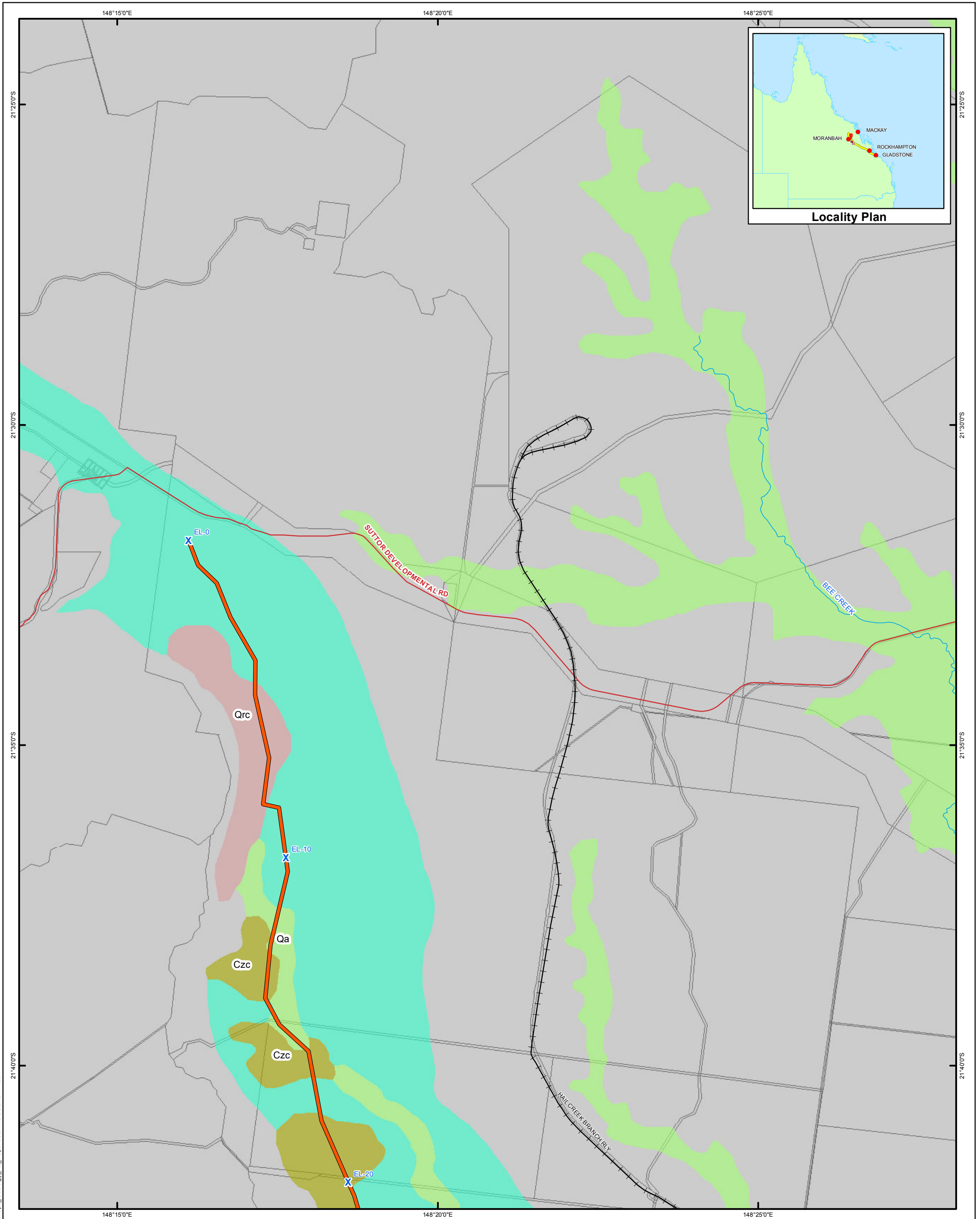
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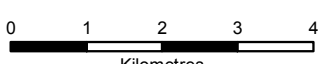
ARROW BOWEN PIPELINE PRELIMINARY ROUTE (REV D)



Map 6: Geology

Legend		Surface Geology	
● Localities	Highways	-Rgok	Czcsu
X Kilometre Points	Major Roads	-Rsr	Czft
AB Mainline Rev D	Major Watercourses	Csr	Czl
Dysart Lateral Rev D	Cadastre	Cza	Czodu
Elphinstone Lateral Rev D		Czb	Czs
Saraji Lateral Rev D		Czc	Dsam
Railways			Kbad
			Pok
			Psb
			Pwb
			Pwlc
			Pwlz
			Qa
			Qrc
			SDwcr

Data Sources:
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