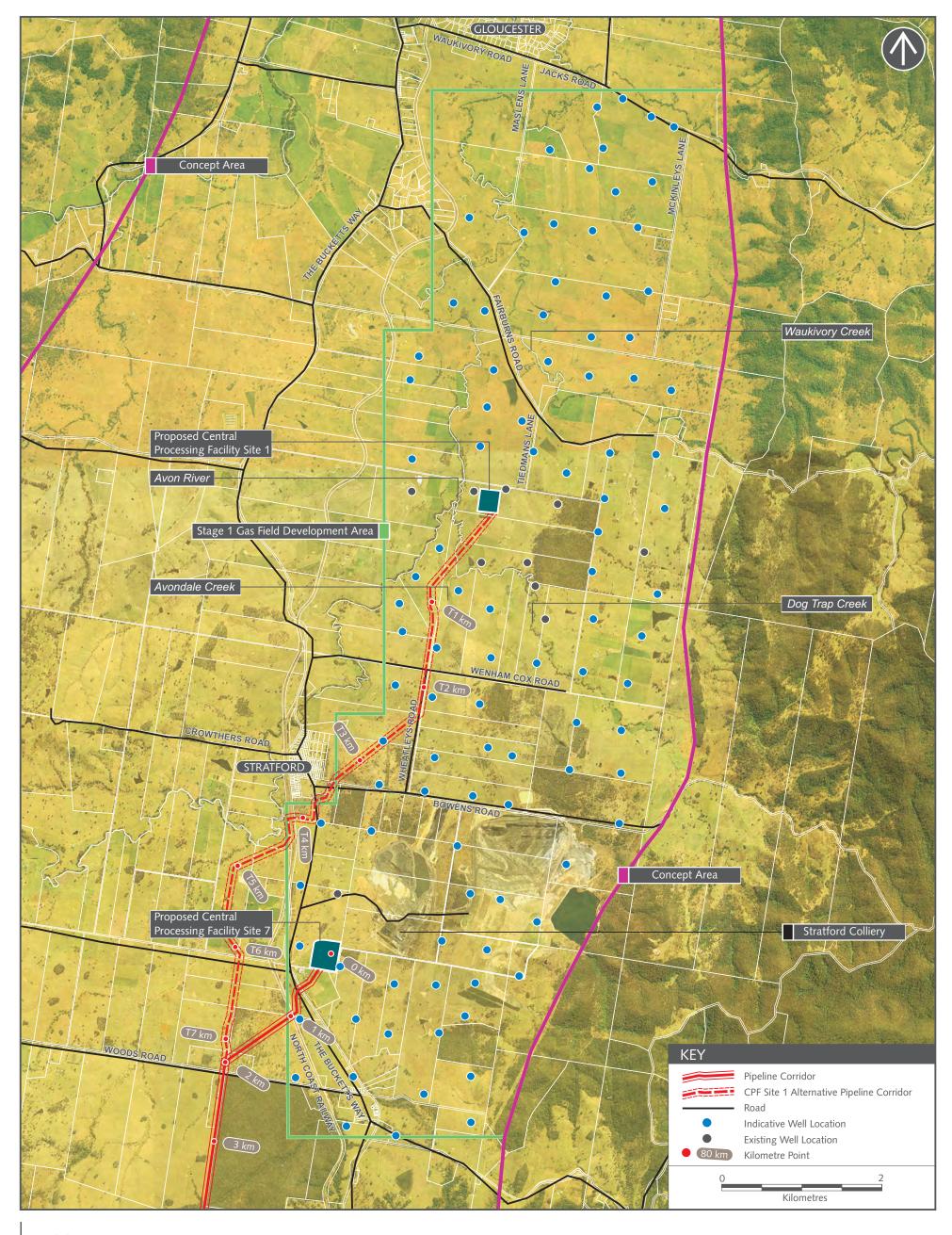


NOISE CONTOURS - HEXHAM DELIVERY STATION



REGIONAL AND LOCAL ROAD NETWORK

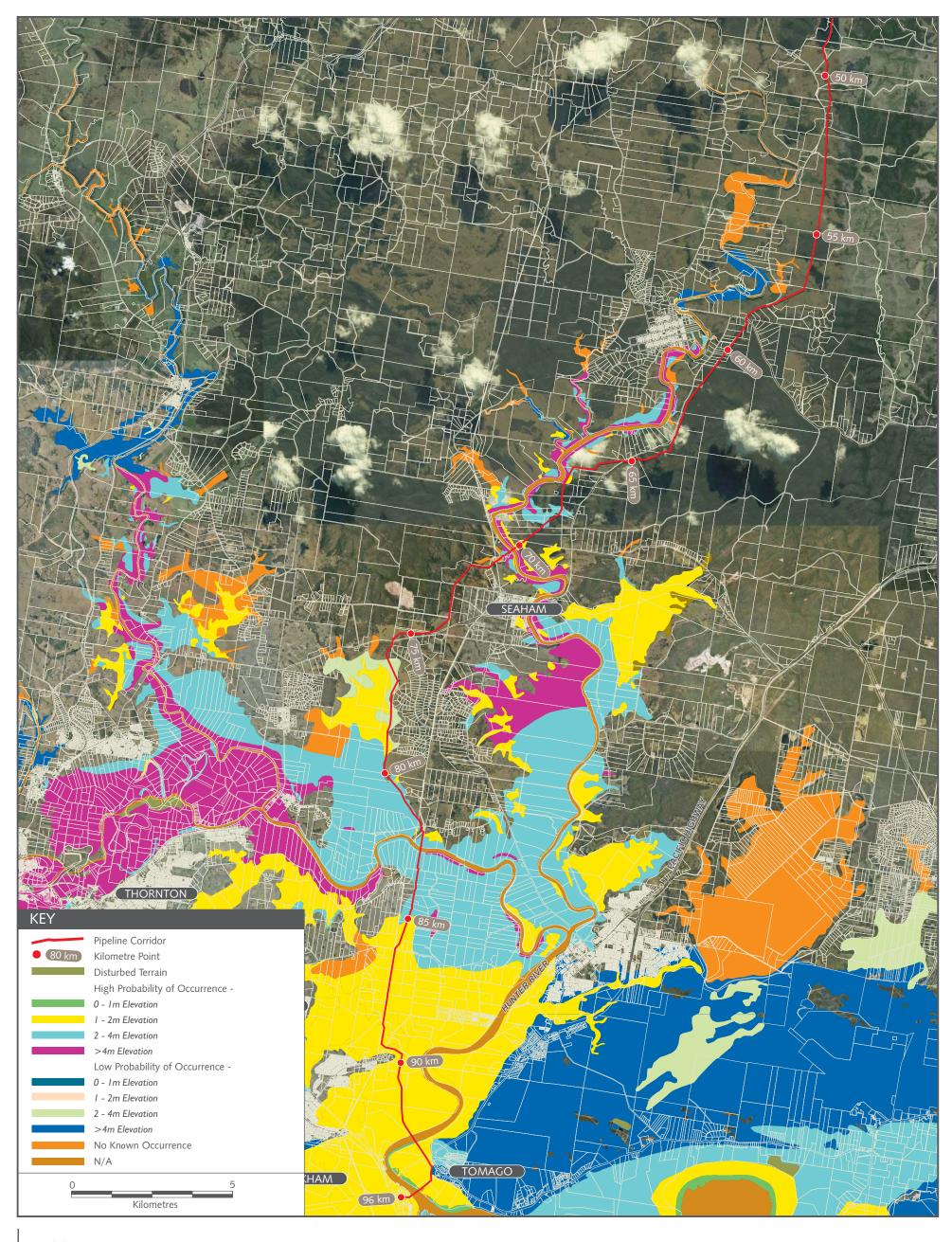


AECOM

INDICATIVE UPGRADE INTERSECTION DESIGN - CPF SITE 7

			FORMATION	GRAPHIC LOG	LITHOLOGY AND COAL SEAMS
UPPER PERMIAN	GLOUCESTER COAL MEASURES	UP	Crowthers Road Conglomerate		Conglomerate, minor sandstone
		CRAVEN SUBGROUP	Leloma Formation		Sandstone, minor siltstone and coal
					Linden Coal Seam
					Marker/JD Coals Seam
					Jo Doth Tuff
					Bindaboo Coal Seam
					Deards Coal Seam
					Sandstone, minor siltstone and coal
			Jilleon Formation		Cloverdale Coal Seam
					Conglomerate, sandstone and siltstone
					Roseville Coal Seam
					Fairbairns Lane - Tereel Coal Seam
			Wards River Conglomerate		Conglomerate and sandstone
			Wenhams Formation		Bowens Road - Coal Seam
			vveillains foillation		Siltstone
MIDDLE PERMIAN		AVON SUBGROUP	Speldon Formation		Bowens Road - Lower Coal Seam
			speidon Formation		Marine influenced sandstone
			Dogtrap Creek Formation		Glenview Coal Seam
					Sandstone and siltstone
			Waukivory Creek Formation		Avon Coal Seam
					Triple, Rombo and Glen Road Coal Seam
					Sandstone and siltstone
					Parkers Road and Valley View Coal Seam
					Siltstone and mudstone
			Mammy Johnsons Formation		Siltstone and mudstone
EARLY PERMIAN					Intra-Mammy Johnsons Seam
	DEWRANG GROU				Bioturbated sandstone
			Weismantel Formation		Siltstone and mudstone
					Weismantel Coal Seam
			Duralie Road Formation		Marine sandstone, conglomerate
LOWER PERMIAN			Alum Mountain Volcanics		Clareval Coal Seam
					Conglomerate and coal
					Rhyolite, basalt, welded tuff
					Basal Coal Seam
			Carboniferous Sequences		

GLOUCESTER BASIN STRATIGRAPHY - STRATFORD GEOLOGY



ACID SULFATE SOIL MAPPING - SOUTHERN EXTENT OF PIPELINE