

Linhay Hill Quarry - Proposed Extension

Stage (Plant Location): [See Below](#)

SoundPLAN: [Detailed Receiver Results for Closest PSRs](#)

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 01 SoundPLAN Ref: R01 Property Name: Alston Cottage Property Façade: Façade: SW Stage Ref: S3 (1)	Construction	Bund	Bulldozer	0.0		0.0	0.0		0.0	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	0.0		0.0	0.0		0.0	
		Overburden Stripping	Dump Truck	64.1	-5.0	59.1	65.5	0.0	65.5	
			Excavator	58.3	-5.0	53.3	59.4	0.0	59.4	
		Haul Road: Overburden Strip to Bund Construction	Haul Rd to Exist Quarry S3&S4 end bit	L	45.6		45.6	46.2		46.2
			Haul Road to S3(1) and S3(2) Works	L	56.1		56.1	56.9		56.9
			Haul Rd to Exist Quarry S3&S4 end bit	R	42.9		42.9	43.7		43.7
			Haul Road to S3(1) and S3(2) Works	R	54.1		54.1	54.8		54.8
	Operation	Excavation	Dump Truck	45.3	-5.0	40.3	45.5		45.5	
			Excavator	41.6	-5.0	36.6	41.8		41.8	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4 start	L	27.1		27.1	27.5		27.5
			Haul Road to Exist Quarry S1B - S4	L	25.1		25.1	25.3		25.3
			Haul Road to Exist Quarry S2B - S4	L	37.2		37.2	37.9		37.9
			Haul Road to Exist Quarry S3 & S4	L	49.2		49.2	50.3		50.3
			Haul Road to Exist Quarry S1B - S4 start	R	23.0		23.0	23.6		23.6
			Haul Road to Exist Quarry S1B - S4	R	23.1		23.1	23.3		23.3
			Haul Road to Exist Quarry S2B - S4	R	37.1		37.1	37.9		37.9
			Haul Road to Exist Quarry S3 & S4	R	47.4		47.4	48.2		48.2
	SUMMARY	Construction (excluding topsoil)			66.0		62.4	67.2		67.2
		Operation			53.0		52.2	53.8		53.8
		Combined Excel			66.2		62.8	67.4		67.4
		Operation drilling combined			62.0	-10.0	52.0	62.0	-5.0	57.0
		Combined SoundPLAN			67.4		62.8	67.4		67.6

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 02 SoundPLAN Ref: R02 Property Name: Alston Farmhouse Property Façade: Façade: SE Stage Ref: S4 (1)	Construction	Bund	Bulldozer	0.0		0.0	0.0		0.0	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	0.0		0.0	0.0		0.0	
		Overburden Stripping	Dump Truck	54.1		54.1	54.6		54.6	
			Excavator	50.8		50.8	51.3		51.3	
		Haul Road: Overburden Strip to Bund Construction	Haul Road S4i & S4ii Works	L	52.6		52.6	53.0		53.0
			Haul Road S4i Quarrying	L	34.1		34.1	35.5		35.5
			Haul Road S4i & S4ii Works	R	47.5		47.5	48.5		48.5
			Haul Road S4i Quarrying	R	35.9		35.9	37.1		37.1
	Operation	Excavation	Dump Truck	42.7	-5.0	37.7	42.9		42.9	
			Excavator	39.4	-5.0	34.4	39.6		39.6	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4 start	L	24.1		24.1	24.9		24.9
			Haul Road to Exist Quarry S1B - S4	L	22.1		22.1	23.2		23.2
			Haul Road to Exist Quarry S2B - S4	L	30.7		30.7	32.2		32.2
			Haul Road to Exist Quarry S3 & S4	L	43.2		43.2	44.0		44.0
			Haul Rd to Exist Quarry S3&S4 end bit	L	42.2		42.2	42.5		42.5
			Haul Road to Exist Quarry S4i & S4ii	L	42.1		42.1	43.7		43.7
			Haul Road to Exist Quarry S1B - S4 start	R	20.2		20.2	21.4		21.4
			Haul Road to Exist Quarry S1B - S4	R	20.8		20.8	21.4		21.4
			Haul Road to Exist Quarry S2B - S4	R	31.7		31.7	33.0		33.0
			Haul Road to Exist Quarry S3 & S4	R	38.5		38.5	39.7		39.7
			Haul Rd to Exist Quarry S3&S4 end bit	R	33.4		33.4	35.0		35.0
	Haul Road to Exist Quarry S4i & S4ii	R	32.0		32.0	33.9		33.9		
	SUMMARY	Construction (excluding topsoil)			57.9		57.9	58.5		58.5
		Operation			49.8		48.8	50.6		50.6
		Combined Excel			58.6		58.4	59.1		59.1
Operation drilling combined			60.0	-10.0	50.0	60.0	-5.0	55.0		
Combined SoundPLAN			62.1		58.6	60.1		60.1		

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SoundPLAN: [Detailed Receiver Results for Closest PSRs](#)

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 03 SoundPLAN Ref: R22 Property Name: Momalda Property Façade: Façade: NE Stage Ref: S1B (1)	Construction	Bund	Bulldozer	35.9		35.9	36.0		36.0	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	16.5		16.5	16.5		16.5	
		Overburden Stripping	Dump Truck	43.2		43.2	43.4		43.4	
			Excavator	39.4		39.4	39.6		39.6	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	34.2		34.2	34.8		34.8
			Haul Road to Bunds 1B and 2A	L	32.3		32.3	33.0		33.0
			Haul Road to Bunds 1B(1) west	L	36.6		36.6	37.1		37.1
			Haul Road to Bunds 1B(1) east	L	28.1		28.1	29.1		29.1
			Haul Road to Bunds 1B 2A 2B	R	29.5		29.5	30.1		30.1
			Haul Road to Bunds 1B and 2A	R	36.0		36.0	36.6		36.6
			Haul Road to Bunds 1B(1) west	R	32.9		32.9	33.4		33.4
		Haul Road to Bunds 1B(1) east	R	28.7		28.7	29.6		29.6	
		Operation	Excavation	Dump Truck	53.1	-5.0	48.1	53.4	-5.0	48.4
	Excavator			49.3	-5.0	44.3	49.7	-5.0	44.7	
	Haul Road: Extension to Existing Quarry		Haul Road to Exist Quarry S1B - S4	L	37.0		37.0	37.2		37.2
			Haul Road to Exist Quarry S1B &S2A(1)	L	48.3		48.3	48.5		48.5
			Haul Road to Exist Quarry S1B(1)	L	53.1		53.1	53.6		53.6
			Haul Road to Exist Quarry S1B - S4	R	31.9		31.9	32.1		32.1
			Haul Road to Exist Quarry S1B &S2A(1)	R	42.1		42.1	42.6		42.6
	Haul Road to Exist Quarry S1B(1)	R	46.0		46.0	46.8		46.8		
	SUMMARY	Construction (excluding topsoil)			47.0		47.0	47.4		47.4
		Operation			57.9		56.3	58.4		56.7
		Combined Excel			58.3		56.8	58.7		57.2
		Operation drilling combined			66.1	-10.0	56.1	66.1	-5.0	61.1
		Combined SoundPLAN			66.1		56.6			61.2
		Combined SoundPLAN			58.3			58.7		

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 04 SoundPLAN Ref: R21 Property Name: Lower Waye Property Façade: Façade: NE Stage Ref: S1B (1)	Construction	Bund	Bulldozer	36.3		36.3	36.3		36.3	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	16.8		16.8	16.9		16.9	
		Overburden Stripping	Dump Truck	44.7		44.7	44.9		44.9	
			Excavator	40.9		40.9	41.1		41.1	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	35.4		35.4	36.2		36.2
			Haul Road to Bunds 1B and 2A	L	34.1		34.1	34.8		34.8
			Haul Road to Bunds 1B(1) west	L	38.8		38.8	39.4		39.4
			Haul Road to Bunds 1B(1) east	L	29.8		29.8	30.8		30.8
			Haul Road to Bunds 1B 2A 2B	R	30.7		30.7	31.4		31.4
			Haul Road to Bunds 1B and 2A	R	37.7		37.7	38.4		38.4
			Haul Road to Bunds 1B(1) west	R	34.6		34.6	35.2		35.2
		Haul Road to Bunds 1B(1) east	R	30.3		30.3	31.3		31.3	
		Operation	Excavation	Dump Truck	58.8	-5.0	53.8	59.6		59.6
	Excavator			54.5	-5.0	49.5	55.3		55.3	
	Haul Road: Extension to Existing Quarry		Haul Road to Exist Quarry S1B - S4	L	17.2		17.2	20.3		20.3
			Haul Road to Exist Quarry S1B &S2A(1)	L	20.7		20.7	23.9		23.9
			Haul Road to Exist Quarry S1B(1)	L	56.5		56.5	56.9		56.9
			Haul Road to Exist Quarry S1B - S4	R	11.8		11.8	15.0		15.0
			Haul Road to Exist Quarry S1B &S2A(1)	R	39.6		39.6	40.0		40.0
	Haul Road to Exist Quarry S1B(1)	R	49.7		49.7	50.3		50.3		
	SUMMARY	Construction (excluding topsoil)			48.6		48.6	48.9		48.9
		Operation			62.0		59.4	62.7		62.7
		Combined Excel			62.2		59.8	62.9		62.9
		Operation drilling combined			74.0	-10.0	64.0	74.0	-5.0	69.0
		Combined SoundPLAN			74.0		64.1			69.1
		Combined SoundPLAN			62.2			62.9		

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SoundPLAN: Detailed Receiver Results for Closest PSRs

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 05 SoundPLAN Ref: R23a Property Name: The Waye House Property Façade: Façade: E Stage Ref: S1B(1)	Construction	Bund	Bulldozer	33.7		33.7	33.7		33.7	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	14.2		14.2	14.2		14.2	
		Overburden Stripping	Dump Truck	38.3		38.3	38.4		38.4	
			Excavator	34.6		34.6	34.7		34.7	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	30.2		30.2	30.7		30.7
			Haul Road to Bunds 1B and 2A	L	28.8		28.8	29.3		29.3
			Haul Road to Bunds 1B(1) west	L	31.3		31.3	25.5		25.5
			Haul Road to Bunds 1B(1) east	L	24.8		24.8	31.8		31.8
			Haul Road to Bunds 1B 2A 2B	R	25.4		25.4	26.0		26.0
			Haul Road to Bunds 1B and 2A	R	33.0		33.0	33.4		33.4
			Haul Road to Bunds 1B(1) west	R	26.9		26.9	26.2		26.2
		Haul Road to Bunds 1B(1) east	R	25.3		25.3	27.4		27.4	
	Operation	Excavation	Dump Truck	42.9	-5.0	37.9	43.0		43.0	
			Excavator	39.3	-5.0	34.3	39.4		39.4	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	32.4		32.4	33.0		33.0
			Haul Road to Exist Quarry S1B & S2A(1)	L	31.5		31.5	33.8		33.8
			Haul Road to Exist Quarry S1B(1)	L	42.1		42.1	42.7		42.7
			Haul Road to Exist Quarry S1B - S4	R	26.8		26.8	27.5		27.5
			Haul Road to Exist Quarry S1B & S2A(1)	R	26.4		26.4	28.3		28.3
	Haul Road to Exist Quarry S1B(1)	R	31.5		31.5	32.1		32.1		
	SUMMARY	Construction (excluding topsoil)			42.7		42.7	42.9		42.9
		Operation			47.0		44.9	47.4		47.4
		Combined Excel			48.3		46.9	48.7		48.7
		Operation drilling combined			64.5	-10.0	54.5	64.5	-10.0	54.5
		Combined SoundPLAN			64.5		54.8	64.5		54.8
		Combined SoundPLAN			51.4			49.5		

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 06 SoundPLAN Ref: R24a Property Name: Waye Farm Property Façade: Façade: SE Stage Ref: S2A(1)	Construction	Bund	Bulldozer	18.0		18.0	22.3		22.3	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	-1.5		-1.5	2.8		2.8	
		Overburden Stripping	Dump Truck	27.8		27.8	35.3		35.3	
			Excavator	24.2		24.2	30.9		30.9	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	23.1		23.1	27.8		27.8
			Haul Road to Bunds 1B and 2A	L	17.2		17.2	22.7		22.7
			Haul Road to Bund 2A west	L	19.3		19.3	23.7		23.7
			Haul Road to Bunds 2A east	L	13.7		13.7	18.3		18.3
			Haul Road to Bunds 2A east (1)	L	18.4		18.4	19.9		19.9
			Haul Road to Bunds 1B 2A 2B	R	18.1		18.1	22.8		22.8
			Haul Road to Bunds 1B and 2A	R	19.9		19.9	25.5		25.5
		Haul Road to Bund 2A west	R	32.6		32.6	36.6		36.6	
	Haul Road to Bunds 2A east	R	13.9		13.9	18.5		18.5		
	Haul Road to Bunds 2A east (1)	R	15.8		15.8	18.0		18.0		
	Operation	Excavation	Dump Truck	27.6	-5.0	22.6	36.1		36.1	
			Excavator	24.0	-5.0	19.0	32.5		32.5	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	22.2		22.2	23.7		23.7
			Haul Road to Exist Quarry S1B & S2A(1)	L	22.4		22.4	26.0		26.0
			Haul Road to Exist Quarry S2A(1)	L	33.1		33.1	36.9		36.9
			Haul Road to Exist Quarry S1B - S4	R	16.4		16.4	18.3		18.3
			Haul Road to Exist Quarry S1B & S2A(1)	R	18.4		18.4	21.7		21.7
	Haul Road to Exist Quarry S2A(1)	R	21.4		21.4	25.3		25.3		
	SUMMARY	Construction (excluding topsoil)			35.3		35.3	40.5		40.5
		Operation			35.4		34.6	40.8		40.8
		Combined Excel			38.4		38.0	43.6		43.6
		Operation drilling combined			54.9	-10.0	44.9	54.9	-10.0	44.9
Combined SoundPLAN			55.0		45.4	55.0		46.3		
Combined SoundPLAN			38.4			43.7				

Linhay Hill Quarry - Proposed Extension

Stage (Plant Location): See Below

SoundPLAN: Detailed Receiver Results for Closest PSRs

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 07 SoundPLAN Ref: R16 Property Name: Underway Property Façade: Façade: SW Stage Ref: S1B (2)	Construction	Bund	Bulldozer	58.3	-5.0	53.3	0.0		0.0	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	38.9	-5.0	33.9	0.0		0.0	
		Overburden Stripping	Dump Truck	37.8		37.8	0.0		0.0	
			Excavator	34.3		34.3	0.0		0.0	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bund S1B(2)	L	48.9		48.9	0.0		0.0
	Haul Road to Bund S1B(2)		R	48.0		48.0	0.0		0.0	
	Operation	Excavation	Dump Truck	34.6		34.6	0.0		0.0	
			Excavator	31.2		31.2	0.0		0.0	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	20.6		20.6	0.0		0.0
			Haul Road to Exist Quarry S1B & S2A(1)	L	28.8		28.8	0.0		0.0
			Haul Road to Exist Quarry S1B(1)	L	26.2		26.2	0.0		0.0
			Haul Road to Exist Quarry S1B - S4	R	14.6		14.6	0.0		0.0
			Haul Road to Exist Quarry S1B & S2A(1)	R	25.7		25.7	0.0		0.0
	Haul Road to Exist Quarry S1B(1)	R	20.1		20.1	0.0		0.0		
	SUMMARY	Construction (excluding topsoil)			59.2		55.6			
		Operation			37.8		37.8			
		Combined Excel			59.2		55.7	50.5		50.5
		Operation drilling combined			50.5		50.5			50.5
		Combined SoundPLAN			59.2		56.8	0.0		

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 08 SoundPLAN Ref: R12 Property Name: Caton House Property Façade: Façade: SW Stage Ref: S1B (2)	Construction	Bund	Bulldozer	60.8	-5.0	55.8	61.7		61.7	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	42.3	-5.0	37.3	43.2		43.2	
		Overburden Stripping	Dump Truck	38.3		38.3	38.4		38.4	
			Excavator	34.9		34.9	34.9		34.9	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bund S1B(2)	L	50.3		50.3	51.4		51.4
	Haul Road to Bund S1B(2)		R	49.5		49.5	50.6		50.6	
	Operation	Excavation	Dump Truck	35.0		35.0	35.1		35.1	
			Excavator	31.6		31.6	31.7		31.7	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	17.4		17.4	17.1		17.1
			Haul Road to Exist Quarry S1B & S2A(1)	L	28.6		28.6	28.2		28.2
			Haul Road to Exist Quarry S1B(1)	L	27.6		27.6	24.0		24.0
			Haul Road to Exist Quarry S1B - S4	R	15.0		15.0	14.8		14.8
			Haul Road to Exist Quarry S1B & S2A(1)	R	23.5		23.5	24.0		24.0
	Haul Road to Exist Quarry S1B(1)	R	21.6		21.6	17.9		17.9		
	SUMMARY	Construction (excluding topsoil)			61.5		57.7	62.5		62.5
		Operation			38.0		38.0	37.8		37.8
		Combined Excel			61.6		57.8	62.5		62.5
		Operation drilling combined			50.5		50.5	50.5		50.5
		Combined SoundPLAN			61.9		58.5	62.5		62.7

Linhay Hill Quarry - Proposed Extension

Stage (Plant Location): [See Below](#)

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Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 09 SoundPLAN Ref: R09 Property Name: Little Caton (Barn) Property Façade: Façade: W Stage Ref: S1B (1)	Construction	Bund	Bulldozer	55.9	-5.0	50.9	56.4		56.4	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	35.6	-5.0	30.6	36.1		36.1	
		Overburden Stripping	Dump Truck	36.9		36.9	36.9		36.9	
			Excavator	33.4		33.4	33.5		33.5	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	35.9		35.9	34.4		34.4
			Haul Road to Bunds 1B and 2A	L	28.0		28.0	26.2		26.2
			Haul Road to Bunds 1B(1) west	L	28.8		28.8	26.6		26.6
			Haul Road to Bunds 1B(1) east	L	46.4		46.4	47.5		47.5
			Haul Road to Bunds 1B 2A 2B	R	31.2		31.2	29.9		29.9
			Haul Road to Bunds 1B and 2A	R	31.3		31.3	28.4		28.4
			Haul Road to Bunds 1B(1) west	R	24.4		24.4	22.0		22.0
		Haul Road to Bunds 1B(1) east	R	47.5		47.5	48.2		48.2	
		Operation	Excavation	Dump Truck	34.3		34.3	34.3		34.3
	Excavator			30.9		30.9	30.9		30.9	
	Haul Road: Extension to Existing Quarry		Haul Road to Exist Quarry S1B - S4	L	17.8		17.8	17.2		17.2
			Haul Road to Exist Quarry S1B & S2A(1)	L	30.2		30.2	26.6		26.6
			Haul Road to Exist Quarry S1B(1)	L	32.8		32.8	31.7		31.7
			Haul Road to Exist Quarry S1B - S4	R	14.7		14.7	14.4		14.4
			Haul Road to Exist Quarry S1B & S2A(1)	R	25.6		25.6	22.6		22.6
			Haul Road to Exist Quarry S1B(1)	R	24.7		24.7	23.6		23.6
	SUMMARY	Construction (excluding topsoil)			57.1		53.8	57.6		57.6
		Operation			38.8		38.8	38.0		38.0
		Combined Excel			57.1		53.9	57.6		57.6
		Operation drilling combined			49.4		49.4	49.4		49.4
					57.7		55.1			58.2
		Combined SoundPLAN			57.1			57.7		

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 10 SoundPLAN Ref: R08 Property Name: Little Caton (House) Property Façade: Façade: SW Stage Ref: S1B (1)	Construction	Bund	Bulldozer	56.7	-5.0	51.7	57.3		57.3	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	36.4	-5.0	31.4	36.9		36.9	
		Overburden Stripping	Dump Truck	34.4		34.4	36.9		36.9	
			Excavator	30.9		30.9	31.0		31.0	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	36.1		36.1	34.7		34.7
			Haul Road to Bunds 1B and 2A	L	28.3		28.3	26.3		26.3
			Haul Road to Bunds 1B(1) west	L	29.4		29.4	26.7		26.7
			Haul Road to Bunds 1B(1) east	L	45.9		45.9	47.5		47.5
						0.0		0.0		0.0
			Haul Road to Bunds 1B 2A 2B	R	31.3		31.3	30.3		30.3
			Haul Road to Bunds 1B and 2A	R	31.4		31.4	28.4		28.4
		Haul Road to Bunds 1B(1) west	R	24.5		24.5	22.1		22.1	
		Haul Road to Bunds 1B(1) east	R	49.1		49.1	50.0		50.0	
				0.0		0.0		0.0		
	Operation	Excavation	Dump Truck	34.4		34.4	34.4		34.4	
			Excavator	30.9		30.9	31.0		31.0	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	17.6		17.6	17.0		17.0
			Haul Road to Exist Quarry S1B & S2A(1)	L	30.3		30.3	26.6		26.6
			Haul Road to Exist Quarry S1B(1)	L	33.0		33.0	31.8		31.8
			Haul Road to Exist Quarry S1B - S4	R	14.8		14.8	14.6		14.6
			Haul Road to Exist Quarry S1B & S2A(1)	R	25.7		25.7	22.5		22.5
			Haul Road to Exist Quarry S1B(1)	R	24.9		24.9	23.6		23.6
	SUMMARY	Construction (excluding topsoil)			57.8		54.5	58.5		58.5
		Operation			38.9		38.9	38.1		38.1
		Combined Excel			57.9		54.6	58.6		58.6
		Operation drilling combined			49.4		49.4	49.4		49.4
			58.4		55.7			59.0		
Combined SoundPLAN			57.9			58.5				

Linhay Hill Quarry - Proposed Extension

Stage (Plant Location): [See Below](#)

SoundPLAN: [Detailed Receiver Results for Closest PSRs](#)

Receptor	Phase	Activity	Element	Ground Floor			First Floor				
				Noise Level			Noise Level				
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)		
Report Ref: PSR 11 SoundPLAN Ref: R06 Property Name: Caton Cottage Property Façade: Façade: SW Stage Ref: S1B (1)	Construction	Bund	Bulldozer	56.7	-5.0	51.7	57.3		57.3		
			Dump Truck	0.0		0.0	0.0		0.0		
			Tractor & Bowser	36.7	-5.0	31.7	37.2		37.2		
		Overburden Stripping	Dump Truck	36.8		36.8	36.8		36.8		
			Excavator	33.3		33.3	33.4		33.4		
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	35.2		35.2	34.5		34.5	
			Haul Road to Bunds 1B and 2A	L	27.4		27.4	26.3		26.3	
			Haul Road to Bunds 1B(1) west	L	28.7		28.7	30.1		30.1	
			Haul Road to Bunds 1B(1) east	L	47.0		47.0	48.4		48.4	
								0.0		0.0	
			Haul Road to Bunds 1B 2A 2B	R	30.6		30.6	29.9		29.9	
			Haul Road to Bunds 1B and 2A	R	30.7		30.7	28.2		28.2	
			Haul Road to Bunds 1B(1) west	R	23.6		23.6	24.6		24.6	
		Haul Road to Bunds 1B(1) east	R	48.7		48.7	50.1		50.1		
						0.0		0.0			
	Operation	Excavation	Dump Truck	34.3		34.3	34.4		34.4		
			Excavator	30.9		30.9	31.0		31.0		
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	22.5		22.5	22.8		22.8	
			Haul Road to Exist Quarry S1B & S2A(1)	L	29.7		29.7	26.2		26.2	
			Haul Road to Exist Quarry S1B(1)	L	32.5		32.5	31.4		31.4	
			Haul Road to Exist Quarry S1B - S4	R	15.6		15.6	15.7		15.7	
			Haul Road to Exist Quarry S1B & S2A(1)	R	25.0		25.0	22.0		22.0	
			Haul Road to Exist Quarry S1B(1)	R	24.4		24.4	23.5		23.5	
		SUMMARY	Construction (excluding topsoil)			57.9		54.6	58.6		58.6
			Operation			38.7		38.7	38.1		38.1
	Combined Excel			57.9		54.7	58.7		58.7		
	Operation drilling combined			49.4		49.4			0.0		
			58.4		55.7			58.6			
Combined SoundPLAN			57.9			58.6					

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 12 SoundPLAN Ref: R03 Property Name: Samastar Property Façade: Façade: SW Stage Ref: S2A(1)	Construction	Bund	Bulldozer	50.7	-5.0	45.7	50.9		50.9	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	31.0	-5.0	26.0	31.3		31.3	
		Overburden Stripping	Dump Truck	36.8		36.8	36.8		36.8	
			Excavator	33.3		33.3	33.3		33.3	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	37.1		37.1	37.8		37.8
			Haul Road to Bunds 1B and 2A	L	26.7		26.7	27.6		27.6
			Haul Road to Bund 2A west	L	25.6		25.6	26.6		26.6
			Haul Road to Bunds 2A east	L	32.9		32.9	33.5		33.5
			Haul Road to Bunds 2A east (1)	L	40.5		40.5	41.3		41.3
			Haul Road to Bunds 1B 2A 2B	R	31.7		31.7	32.3		32.3
			Haul Road to Bunds 1B and 2A	R	28.5		28.5	29.4		29.4
			Haul Road to Bund 2A west	R	37.8		37.8	38.6		38.6
		Haul Road to Bunds 2A east	R	33.0		33.0	33.7		33.7	
	Haul Road to Bunds 2A east (1)	R	37.2		37.2	38.0		38.0		
	Operation	Excavation	Dump Truck	35.4		35.4	35.4		35.4	
			Excavator	31.9		31.9	31.9		31.9	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	22.4		22.4	22.5		22.5
			Haul Road to Exist Quarry S1B & S2A(1)	L	27.3		27.3	28.3		28.3
			Haul Road to Exist Quarry S2A(1)	L	36.1		36.1	36.9		36.9
			Haul Road to Exist Quarry S1B - S4	R	15.7		15.7	15.8		15.8
	Haul Road to Exist Quarry S1B & S2A(1)	R	23.2		23.2	24.1		24.1		
	Haul Road to Exist Quarry S2A(1)	R	25.2		25.2	26.0		26.0		
	SUMMARY	Construction (excluding topsoil)			52.0		49.0	52.4		52.4
		Operation			40.2		40.2	40.6		40.6
		Combined Excel			52.3		49.5	52.6		52.6
		Operation drilling combined			52.4		52.4	52.4		52.4
			55.3		54.1			55.4		
Combined SoundPLAN			52.3			52.6				

Linhay Hill Quarry - Proposed Extension

Stage (Plant Location): [See Below](#)

SoundPLAN: [Detailed Receiver Results for Closest PSRs](#)

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 18 SoundPLAN Ref: R30 Property Name: The Glen Property Façade: Façade: NW Stage Ref: S1B (2)	Construction	Bund	Bulldozer	51.9	-5.0	46.9	52.3		52.3	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	31.7	-5.0	26.7	31.9		31.9	
		Overburden Stripping	Dump Truck	38.2		38.2	38.3		38.3	
			Excavator	34.8		34.8	34.9		34.9	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bund S1B(2)	L	39.9		39.9	41.4		41.4
	Haul Road to Bund S1B(2)		R	38.4		38.4	39.9		39.9	
	Operation	Excavation	Dump Truck	34.4		34.4	34.4		34.4	
			Excavator	31.0		31.0	31.0		31.0	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	18.5		18.5	18.6		18.6
			Haul Road to Exist Quarry S1B & S2A(1)	L	26.5		26.5	28.7		28.7
			Haul Road to Exist Quarry S1B(1)	L	22.8		22.8	24.7		24.7
			Haul Road to Exist Quarry S1B - S4	R	14.3		14.3	14.4		14.4
			Haul Road to Exist Quarry S1B & S2A(1)	R	22.4		22.4	24.5		24.5
	Haul Road to Exist Quarry S1B(1)	R	17.3		17.3	18.9		18.9		
	SUMMARY	Construction (excluding topsoil)			52.6		48.8	53.1		53.1
		Operation			37.0		37.0	37.4		37.4
		Combined Excel			52.7		49.1	53.2		53.2
		Operation drilling combined			49.9		49.9	49.9		49.9
		Combined SoundPLAN			54.5		52.4			54.8
				52.8			53.2			

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 19 SoundPLAN Ref: R31 Property Name: Homeleigh Property Façade: Façade: NW Stage Ref: S1B (2)	Construction	Bund	Bulldozer	53.1	-5.0	48.1	53.4		53.4	
			Dump Truck	0.0	0.0	0.0	0.0		0.0	
			Tractor & Bowser	32.7	-5.0	27.7	33.0		33.0	
		Overburden Stripping	Dump Truck	38.2		38.2	38.2		38.2	
			Excavator	34.8		34.8	34.9		34.9	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bund S1B(2)	L	40.7		40.7	42.2		42.2
	Haul Road to Bund S1B(2)		R	39.3		39.3	40.7		40.7	
	Operation	Excavation	Dump Truck	34.4		34.4	34.4		34.4	
			Excavator	31.0		31.0	31.0		31.0	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	19.2		19.2	19.4		19.4
			Haul Road to Exist Quarry S1B & S2A(1)	L	26.5		26.5	28.8		28.8
			Haul Road to Exist Quarry S1B(1)	L	22.7		22.7	24.8		24.8
			Haul Road to Exist Quarry S1B - S4	R	14.0		14.0	14.2		14.2
			Haul Road to Exist Quarry S1B & S2A(1)	R	22.4		22.4	24.5		24.5
	Haul Road to Exist Quarry S1B(1)	R	16.9		16.9	18.7		18.7		
	SUMMARY	Construction (excluding topsoil)			53.7		49.8	54.1		54.1
		Operation			37.0		37.0	37.4		37.4
		Combined Excel			53.8		50.0	54.2		54.2
		Operation drilling combined			49.9		49.9	49.9		49.9
		Combined SoundPLAN			55.2		52.9			55.5
				53.8			54.2			

Linhay Hill Quarry - Proposed Extension

Stage (Plant Location): [See Below](#)

SoundPLAN: [Detailed Receiver Results for Closest PSRs](#)

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 20 SoundPLAN Ref: R34a Property Name: Parkers Farm Property Façade: Façade: NW Stage Ref: S1B (1)	Construction	Bund	Bulldozer	37.7	-5.0	32.7	37.8		37.8	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	18.0	-5.0	13.0	18.1		18.1	
		Overburden Stripping	Dump Truck	36.7		36.7	36.7		36.7	
			Excavator	33.3		33.3	33.3		33.3	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	33.7		33.7	34.0		34.0
			Haul Road to Bunds 1B and 2A	L	29.5		29.5	30.3		30.3
			Haul Road to Bunds 1B(1) west	L	28.4		28.4	29.0		29.0
			Haul Road to Bunds 1B(1) east	L	28.2		28.2	28.6		28.6
								0.0		0.0
			Haul Road to Bunds 1B 2A 2B	R	29.0		29.0	29.3		29.3
			Haul Road to Bunds 1B and 2A	R	32.5		32.5	33.4		33.4
			Haul Road to Bunds 1B(1) west	R	23.4		23.4	23.9		23.9
		Haul Road to Bunds 1B(1) east	R	29.2		29.2	29.5		29.5	
						0.0		0.0		
	Operation	Excavation	Dump Truck	34.3		34.3	34.3		34.3	
			Excavator	30.8		30.8	30.8		30.8	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	24.4		24.4	24.5		24.5
			Haul Road to Exist Quarry S1B & S2A(1)	L	42.6		42.6	44.1		44.1
			Haul Road to Exist Quarry S1B(1)	L	44.2		44.2	45.0		45.0
			Haul Road to Exist Quarry S1B - S4	R	18.6		18.6	18.7		18.7
			Haul Road to Exist Quarry S1B & S2A(1)	R	25.2		25.2	26.6		26.6
	Haul Road to Exist Quarry S1B(1)	R	41.1		41.1	41.7		41.7		
	SUMMARY	Construction (excluding topsoil)			43.2		42.3	43.5		43.5
		Operation			47.9		47.9	48.9		48.9
		Combined Excel			49.2		49.0	50.0		50.0
		Operation drilling combined			51.1		51.1	51.1		51.1
			51.8		51.6			51.8		
Combined SoundPLAN			49.2			50.0				

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 21 SoundPLAN Ref: R35 Property Name: Lower Mead Property Façade: Façade: NE Stage Ref: S4 (1)	Construction	Bund	Bulldozer	0.0		0.0	0.0		0.0	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	0.0		0.0	0.0		0.0	
		Overburden Stripping	Dump Truck	34.4		34.4	34.4		34.4	
			Excavator	30.9		30.9	31.0		31.0	
		Haul Road: Overburden Strip to Bund Construction	Haul Road S4i & S4ii Works	L	37.4		37.4	37.5		37.5
			Haul Road S4i Quarrying	L	27.5		27.5	27.7		27.7
			Haul Road S4i & S4ii Works	R	30.1		30.1	30.2		30.2
			Haul Road S4i Quarrying	R	29.6		29.6	29.7		29.7
	Operation	Excavation	Dump Truck	37.2		37.2	37.2		37.2	
			Excavator	33.6		33.6	33.6		33.6	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4 start	L	21.0		21.0	21.1		21.1
			Haul Road to Exist Quarry S1B - S4	L	18.8		18.8	19.0		19.0
			Haul Road to Exist Quarry S2B - S4	L	24.9		24.9	25.2		25.2
			Haul Road to Exist Quarry S3 & S4	L	41.7		41.7	41.9		41.9
			Haul Rd to Exist Quarry S3&S4 end bit	L	37.9		37.9	38.1		38.1
			Haul Road to Exist Quarry S4i & S4ii	L	36.0		36.0	36.1		36.1
			Haul Road to Exist Quarry S1B - S4 start	R	16.7		16.7	16.8		16.8
			Haul Road to Exist Quarry S1B - S4	R	18.2		18.2	18.4		18.4
			Haul Road to Exist Quarry S2B - S4	R	25.1		25.1	25.3		25.3
			Haul Road to Exist Quarry S3 & S4	R	36.2		36.2	36.4		36.4
			Haul Rd to Exist Quarry S3&S4 end bit	R	28.0		28.0	28.2		28.2
	Haul Road to Exist Quarry S4i & S4ii	R	26.2		26.2	26.4		26.4		
	SUMMARY	Construction (excluding topsoil)			40.8		40.8	40.9		40.9
		Operation			45.9		45.9	46.0		46.0
		Combined Excel			47.0		47.0	47.2		47.2
Operation drilling combined			52.4	-10.0	42.4	52.4	-10.0	42.4		
			52.7		44.7			44.7		
Combined SoundPLAN			47.0			47.2				

Linhay Hill Quarry - Proposed Extension

Stage (Plant Location): [See Below](#)

SoundPLAN: [Detailed Receiver Results for Closest PSRs](#)

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 22 SoundPLAN Ref: R32 Property Name: Three Gates Property Façade: Façade: NW Stage Ref: S2A(1)	Construction	Bund	Bulldozer	33.6		33.6	33.6		33.6	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	14.1		14.1	14.1		14.1	
		Overburden Stripping	Dump Truck	36.1		36.1	36.2		36.2	
			Excavator	32.5		32.5	32.5		32.5	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	32.1		32.1	32.8		32.8
			Haul Road to Bunds 1B and 2A	L	29.6		29.6	30.8		30.8
			Haul Road to Bund 2A west	L	26.8		26.8	30.5		30.5
			Haul Road to Bunds 2A east	L	22.2		22.2	22.9		22.9
			Haul Road to Bunds 2A east (1)	L	34.0		34.0	34.3		34.3
			Haul Road to Bunds 1B 2A 2B	R	25.9		25.9	26.8		26.8
			Haul Road to Bunds 1B and 2A	R	31.9		31.9	33.5		33.5
			Haul Road to Bund 2A west	R	38.8		38.8	43.0		43.0
		Haul Road to Bunds 2A east	R	22.2		22.2	22.9		22.9	
	R		15.3		15.3	15.8		15.8		
	Operation	Excavation	Dump Truck	36.9		36.9	37.0		37.0	
			Excavator	33.5		33.5	33.5		33.5	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	31.7		31.7	32.6		32.6
			Haul Road to Exist Quarry S1B & S2A(1)	L	34.1		34.1	38.6		38.6
			Haul Road to Exist Quarry S2A(1)	L	49.9		49.9	50.2		50.2
			Haul Road to Exist Quarry S1B - S4	R	26.7		26.7	27.5		27.5
	Haul Road to Exist Quarry S1B & S2A(1)	R	29.8		29.8	34.0		34.0		
	Haul Road to Exist Quarry S2A(1)	R	32.6		32.6	33.5		33.5		
	SUMMARY	Construction (excluding topsoil)			43.7		43.7	45.8		45.8
		Operation			50.5		50.5	51.0		51.0
		Combined Excel			51.3		51.3	52.2		52.2
		Operation drilling combined			53.2		53.2	53.2		53.2
		Combined SoundPLAN			53.7		53.7	53.9		53.9

Receptor	Phase	Activity	Element	Ground Floor			First Floor			
				Noise Level			Noise Level			
				Night dB(A)	Reduction Factor	Revised dB(A)	Night dB(A)	Reduction Factor	Revised dB(A)	
Report Ref: PSR 23 SoundPLAN Ref: R33 Property Name: Half Acre Property Façade: Façade: NW Stage Ref: S2A(1)	Construction	Bund	Bulldozer	32.1		32.1	32.1		32.1	
			Dump Truck	0.0		0.0	0.0		0.0	
			Tractor & Bowser	12.5		12.5	12.5		12.5	
		Overburden Stripping	Dump Truck	35.4		35.4	35.5		35.5	
			Excavator	31.8		31.8	31.9		31.9	
		Haul Road: Overburden Strip to Bund Construction	Haul Road to Bunds 1B 2A 2B	L	36.5		36.5	36.6		36.6
			Haul Road to Bunds 1B and 2A	L	29.6		29.6	31.1		31.1
			Haul Road to Bund 2A west	L	31.5		31.5	31.6		31.6
			Haul Road to Bunds 2A east	L	24.6		24.6	24.8		24.8
			Haul Road to Bunds 2A east (1)	L	20.3		20.3	20.7		20.7
			Haul Road to Bunds 1B 2A 2B	R	30.4		30.4	30.8		30.8
			Haul Road to Bunds 1B and 2A	R	32.3		32.3	33.9		33.9
			Haul Road to Bund 2A west	R	44.8		44.8	44.8		44.8
		Haul Road to Bunds 2A east	R	24.2		24.2	24.5		24.5	
	R		16.4		16.4	16.8		16.8		
	Operation	Excavation	Dump Truck	36.5		36.5	36.5		36.5	
			Excavator	33.0		33.0	33.1		33.1	
		Haul Road: Extension to Existing Quarry	Haul Road to Exist Quarry S1B - S4	L	32.0		32.0	33.4		33.4
			Haul Road to Exist Quarry S1B & S2A(1)	L	37.4		37.4	38.6		38.6
			Haul Road to Exist Quarry S2A(1)	L	43.6		43.6	43.6		43.6
			Haul Road to Exist Quarry S1B - S4	R	28.0		28.0	29.3		29.3
	Haul Road to Exist Quarry S1B & S2A(1)	R	32.4		32.4	33.9		33.9		
	Haul Road to Exist Quarry S2A(1)	R	33.7		33.7	33.7		33.7		
	SUMMARY	Construction (excluding topsoil)			46.7		46.7	46.9		46.9
		Operation			46.1		46.1	46.5		46.5
		Combined Excel			49.5		49.5	49.7		49.7
		Operation drilling combined			52.4		52.4	52.4		52.4
		Combined SoundPLAN			53.5		53.5	53.5		53.5

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