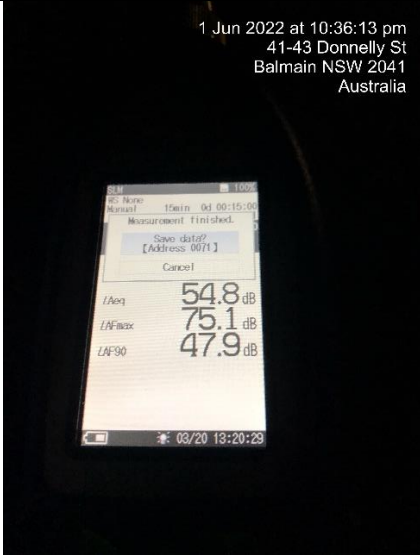
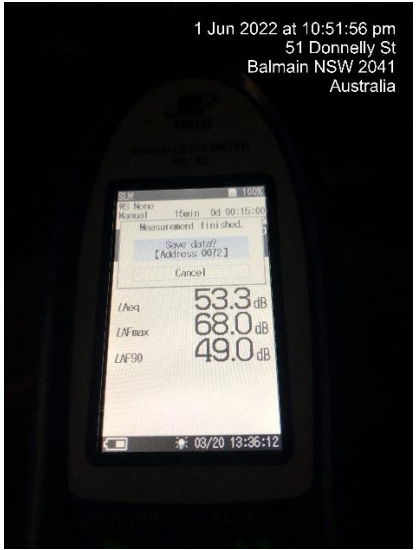


<b>Project</b>	Power Enabling Works, 33kV Rozelle	<b>Report No.</b>	054	<b>Date Collected</b>	01/06/2022	<b>Time Collected</b>	22:21-22:51
<b>Data &amp; Report By:</b>	D. Mutkins	<b>Works</b>	Graveyard Facility Operations	<b>Purpose of Data Collection</b>		Ongoing monitoring / model validation	
<b>Location of construction activity (see Attachment)</b>			<b>Monitoring locations</b>				
			1. 41 Donnelly Street 2. 51 Donnelly Street				
<b>Observed construction activity</b>			 				
Noise monitoring background at Donnelly Street above the Graveyard laydown facility.							
<b>Meteorological conditions</b>							
<b>Wind</b>	Moderate SW						
<b>Temperature (°C)</b>	10	<b>Cloud Cover:</b>		Slight Cloud			
<b>Instrumentation details</b>	Rion NL-42 - Sound Level Meter	<b>Calibration valid until</b>		March 2023			
<b>Instrumentation and method</b>							
<p>Monitoring was performed with sound level meter Rion NL-42 fixed to a tripod at a height of approx. 1.5m above the ground surface. The sound level meter was pre calibrated with a valid certificate until March 2023. A field calibrator was also used prior to taking the first recording and after the monitoring session to ensure device was within required range. Monitoring was conducted over multiple 15-minute periods in two locations. LAeq, LA90 and LAMax parameters were recorded in all cases.</p> <p>Monitoring locations were selected to represent nearest affected receivers. See attachment monitoring locations.</p>							

Results						
Particulars			Actual Recording(s)			KNOWnoise Prediction(s)
Location	Time	Observations	LAeq	LA90	LAmaz	LAeq
1	22:21-22:36	Background recording ~LAeq 55dBA ~LAmaz 75dBA which was generated from vehicle passing with noticeably louder muffler	55	48	75	51
2	22:37-22:52	Background recording Slight reduction in LAeq 53dBA. As above, LAmaz 68dBA value generated from passing traffic ~ 4m from monitoring device.	53	49	68	50
Result Summary						
<p>It is expected that approximately One (1) bogie movement will be required per 30 minutes to an hour within this laydown area during works, with each bogie movement lasting approximately 3 minutes. Background noise is dominated by rustling leaves from moderate winds and passing vehicles. Vehicles passing and overhead air traffic were noticeable audible during both recordings.</p>						

## Attachment 1

