

ATTACHMENT F6 – NOISE MONITORING

Noise emissions associated with former aggregate production activities within Roadstone's landholding at Calary Quarry was previously monitored on a quarterly (ie. three monthly) basis at 4 No. locations (designated N1, N2, N3 and N4) around the former quarry boundary. Noise monitoring will be reinstated at these locations once soil waste recovery activities commence at the application site.

Noise monitoring will be undertaken using a Larson Davis Model 824 Sound Level Meter, calibrated using a Larson Davies Acoustic Calibrator CAL 200 (or equivalent). Noise monitoring locations are indicated in Drawings F6-1.

The four noise monitoring stations will be monitored for the duration of the proposed waste recovery activity and for a short duration thereafter.

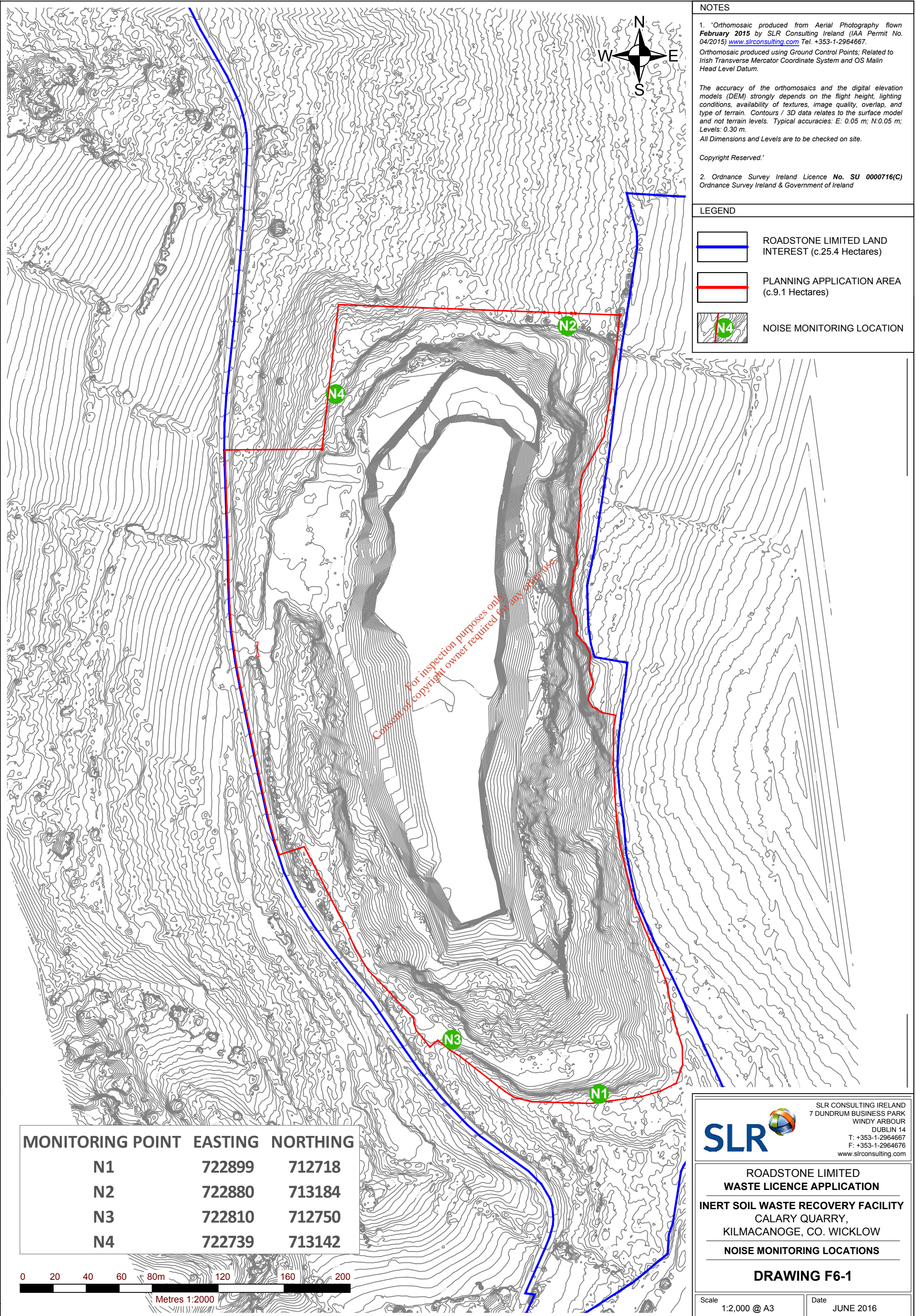
The proposed noise monitoring locations are identified in Table F6-1 below.

**Table F6-1
Noise Monitoring Points**

Monitoring Reference No.	Parameter	Monitoring Frequency	Location (Grid Co-ordinates) ¹	Accessibility of Sampling Points
N1	Sound Level (dBA)	Quarterly	722899E, 712718N	Easy – Open Ground
N2	Sound Level (dBA)	Quarterly	722880E, 713184N	Easy – Open Ground
N3	Sound Level (dBA)	Quarterly	722810E, 712750N	Easy – Open Ground
N4	Sound Level (dBA)	Quarterly	722739E, 7131432N	Easy – Open Ground

Note 1 : ITM Co-ordinates

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NOTES

1. 'Orthomosaic produced from Aerial Photography flown February 2015 by SLR Consulting Ireland (IAA Permit No. 04/2015) www.slrconsulting.com Tel. +353-1-2964667. Orthomosaic produced using Ground Control Points; Related to Irish Transverse Mercator Coordinate System and OS Malin Head Level Datum.

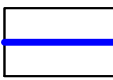
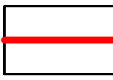
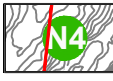
The accuracy of the orthomosaics and the digital elevation models (DEM) strongly depends on the flight height, lighting conditions, availability of textures, image quality, overlap, and type of terrain. Contours / 3D data relates to the surface model and not terrain levels. Typical accuracies: E: 0.05 m; N:0.05 m; Levels: 0.30 m.

All Dimensions and Levels are to be checked on site.

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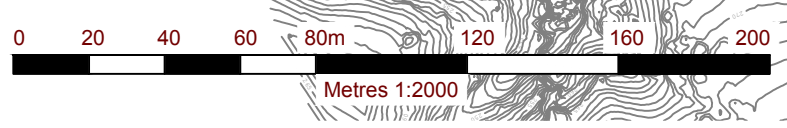
2. Ordnance Survey Ireland Licence No. SU 0000716(C)
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LEGEND

-  ROADSTONE LIMITED LAND INTEREST (c.25.4 Hectares)
-  PLANNING APPLICATION AREA (c.9.1 Hectares)
-  NOISE MONITORING LOCATION

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MONITORING POINT	EASTING	NORTHING
N1	722899	712718
N2	722880	713184
N3	722810	712750
N4	722739	713142





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ROADSTONE LIMITED
WASTE LICENCE APPLICATION
INERT SOIL WASTE RECOVERY FACILITY
CALARY QUARRY,
KILMACANOGE, CO. WICKLOW

NOISE MONITORING LOCATIONS

DRAWING F6-1

Scale
1:2,000 @ A3

Date
JUNE 2016

00180.00109.0.F6-1.Noise Monitoring Locations.dwg