Revised

ACOUSTIC ASSESSMENT REPORT

Cedarhurst Quarries & Crushing Limited
Sibthorpe Pit

Part of Lot 80, Concession 1 W.P.R.
and Part of the Original Road Allowance
Between Lots 80 & 81 W.P.R.,
Geographic Township of Tiny,
County of Simcoe

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Theakston Environmental
Fergus, Ontario

Report No. 10751

September, 2014

EXECUTIVE SUMMARY

Theakston Environmental was retained by Cedarhurst Quarries & Crushing Limited, King City, Ontario, to conduct an acoustic assessment of their proposed Sand and Gravel Pit located on Darby Road, north of Waverley, Ontario. The study is required in conjunction with a Category 3 application for aggregate license under the Aggregate Resources Act (Class "A" Pit above water).

Sound pressure levels generated by a portable crusher, and related equipment, representative of that which will operate on site, were obtained during a site visit. These sound pressure levels were used as input to CadnaA, a predictive acoustical model, based upon a site plan provided by C.T. Strongman, OLS, to quantify the environmental sound emissions of the site at the nearby receptors. Acoustic assessment criterion were established in accordance with the sound level limits in Ministry of the Environment guidelines NPC-205 and NPC-232.

The Acoustic Assessment Report has been prepared in accordance with MOE guideline NPC-233 and demonstrates that sound emissions from the portable crusher, and related equipment operating at the Sibthorpe Sand and Gravel Pit under consideration will be within the applicable sound levels set in MOE publication NPC-205 and NPC-232.

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1. INTRODUCTION

Theakston Environmental, Consulting Engineers, Fergus, Ontario, were retained by Cedarhurst Quarries & Crushing Limited, King City, Ontario to conduct an acoustic assessment for their proposed Sand and Gravel Pit north of Waverley, Ontario. The co-operation and interest of the Client and their sponsors in all aspects of this study is gratefully acknowledged. The study is required in conjunction with a Category 3 application for aggregate license under the Aggregate Resources Act (Class "A" Pit above water).

The objective of the study is to prepare an Acoustic Assessment Report to demonstrate noise emissions from the proposed Sand and Gravel Pit and determine if they are within compliance. To this end, Datakustik's CadnaA acoustic modelling software package, which performs calculations as per the International Standard ISO 9613, was used. Sound levels produced by equipment similar to that which will be employed on site were measured and used in the analysis.

Zoning
The site is currently zoned as *Rural* and is surrounded by land zoned as *Rural, Rural Residential, Agricultural,* and *Mineral Aggregate*. An aerial photo has been included as Figure 1 and zoning maps have been included in Appendix A.

Points of Reception
A point of reception is defined as any point on the premises of a person where sound or vibration originated from other than those premises is received. All the points of reception surrounding the pit have been assessed. The points of reception are depicted in Figure 2.

2. SITE DESCRIPTION

The Site is located on Darby Road, 1.5 kilometres north of Waverley, Ontario. This is a proposed Sand and Gravel pit, NAICS code 212321, which may operate crushing and screening equipment as well as related mobile equipment between the hours of 0700 and 1900, Monday to Friday inclusive. Saturdays are limited to trucking activities from 0800-1200. The Operational Plan detailing phases of extraction can be found in Appendix B followed by section views of the six Worst-Case Extraction Procedures that were chosen for analysis in this report. Site Plans, which include sound source locations for these six Extraction Procedures, can be found in Figures 2i-vi.

Gravel will be excavated from the face and brought to a portable crusher with a front-end loader. The portable crushing plant proposed for use on site includes the following equipment:

- One (1) 70 kW Diesel generator,
- One (1) 400 HP Primary Crusher,
- One (1) 400 HP Secondary Crusher,
- Four (4) conveyors,

- One (1) screen, and
- Three (3) to six (6) loaders.

Due to the nature of the material on site a crushing plant isn't always required to process material; alternatively, screening plant(s) may be used. Cedarhurst Quarries & Crushing Limited owns and operates the existing Teedon Sand and Gravel pit (Aggregate Licence #3670), situated to the immediate south of the subject property. Cedarhurst Quarries plan to mine the Teedon property, which is below grade, in a northerly direction into the subject property, continuing to work below grade, and then excavate the subject property in westward and eastward directions, in phases, as indicated in Figure 1. The two pits will be mined simultaneously, with only one crushing plant, and one screening plant in operation on site at any given time. Note: two screening plants may be operated in lieu of the crushing plant and one screening plant. The main truck haul route will remain unchanged through the existing Teedon pit.

3. NOISE SOURCE SUMMARY

Sound data for a typical 250 tonne/hr portable crusher, considered representative of that which will operate at the Sibthorpe pit, was measured using a Quest Technologies Sound Pro SP DL-2-1/1, hand held sound level meter and real time frequency analyser. The significant sources of noise are the Diesel Generator, Primary Crusher, Secondary Crusher, and Screen, which have been grouped together and modelled by a single point source (S1). The conveyors are an insignificant noise source and were not considered in the analysis. Six loaders were modelled as point sources on site (S2i, S2ii, S2iii, S2iv, S2v, and S2vi) and shipment trucks (S3) were modelled as a line source, where a maximum of 30 trucks per hour come and go (60 passes per hour) from the stockpile area. A screening plant (S4) was also modeled as a point source.

Noise sources are summarized in Table 1 and highlighted in Figures 2i-vi. Sound data can be found in Appendix C.

4. POINT OF RECEPTION SUMMARY

All points of reception have been conservatively modelled at 4.5 metres above ground, representing a two storey dwelling. All homes surrounding the proposed pit have been assessed with a receiver point in CadnaA acoustic modelling software. These provide a detailed breakdown of partial sound levels due to each sound source. Note: POR 3 (1249 Marshall Road) and POR 14 (2 Darby Road) are owned by the Applicant. These locations were assessed for noise, but limits have not been applied.

5. ASSESSMENT CRITERIA (PERFORMANCE LIMITS)

Noise Level Limits

The majority of the lands surrounding the subject properties are zoned as *Rural* with some lands zoned *Agricultural, Rural Residential* or *Mineral Aggregate*. Points of Reception 1 through 4 are removed from any sources of noise other than those of the subject lands, and are therefore classified as a 'Class 3 Area'. The remaining points of reception are situated in close proximity to Highway #93, and are therefore appropriately classified as a 'Class 2 Area. According to Ministry of Environment (MOE) publications NPC-205 and NPC-232, the noise level limits for a 'Class 2 Area' and a 'Class 3 Area' are as follows:

Time of Day	Noise Level Limit (dBA) NPC 205: Class 2	Noise Level Limit (dBA) NPC 232: Class 3
Daytime (0700-1900)	**50**	**45**
Evening (1900-2300)	**45**	**40**
Nighttime (2300-0700)	**45**	**40**

The noise level limits outlined above can be overridden if it is found that background sound levels at receiver points are higher. If these background levels are due to traffic, an hourly traffic study must be performed and the quietest hour will serve as the baseline background noise. Sound levels generated by traffic on Highway 93 have been predicted using STAMSON traffic noise modelling software with data from a traffic study performed by the Ministry of Transportation. Traffic data and the STAMSON traffic noise modelling results are depicted in Appendix D.

The results of a one week long traffic study show that minimum traffic counts were recorded Thursday July 16, 2009 between 9:00 am and 10:00 am. The Ministry of Transportation estimates commercial heavy truck traffic volume at approximately 9%, for this section of highway. Using this information, STAMSON software was used to determine the minimum sound levels due to Highway 93 at the points of reception located near the highway.

Points of reception 5 through 18 are within 160 metres of Highway 93, which means they are subjected to traffic sound levels of at least 51 dBA. POR 19 and POR 20 are approximately 220 metres from Highway 93 and are subjected to background sound levels due to traffic of 49 dBA during the quietest hour. Remaining points of reception assessed are sufficiently removed from Highway 93 that minimum traffic levels do not affect them.

6. IMPACT ASSESSMENT

The Model

DataKustik's CadnaA software version 4.0.135 was used to model the proposed site to predict sound pressure levels at nearby points of reception. Contours of the surrounding terrain were included in the analysis and calculations were performed using first order reflection parameters. Ground absorption

was set to 1, or absorptive ground, since the areas surrounding the site are fields of grass, and/or tall trees. Areas around the crushing plant, however, were modelled with ground absorption of 0 representative of hard/reflecting ground.

Receivers were situated at the houses to determine the partial sound pressure levels resulting from each noise source. For Class 2 Areas, the *Receivers* were situated at the subject property residence as per NPC-205. For Class 3 Areas the *Receivers* are located 30 metres from the house, towards the subject property, as per NPC-232. CadnaA was also used to provide a *Grid Calculation,* where the sound pressure level is calculated in a 1 by 1 metre square area at a height of 4.5 metres above grade. The resulting data is presented in a contoured sound map where gradient colours based on the SPL were assigned to the area of interest. Such sound maps have been included in Figures 3i through 3vi, to illustrate the predicted worst-case impact of the sound sources resulting from the pit operations. SPLs were assigned a colour based on the legend attached to the figure. See Tables 2i through 2vi for predictions of Point of Reception Noise Impact for each of the scenarios. CadnaA sample calculations are included in Appendix E for Worst-Case Extraction Procedure1. Worst-Case Extraction Procedure 2 through 6 are not included in this printed report, but are included in the PDF version.

Modelling Results

Site preparation equipment has not been included in this assessment. Any construction equipment used to prepare the site, such as dozers, must comply with MOE publication NPC-115. Worst-Case Scenarios were modeled and if results indicated exceedances and points of reception, mitigation measures were implemented, such that the exceedances no longer occurred.

Six Worst-Case Extraction Procedures were assessed using a portable crushing plant to process material; however, since much of the material being extracted consists of sand, a simple screening plant can be used to separate the larger material for crushing. The pit will be mined in five 10 m lifts, which are depicted in the section views of Appendix B. The high part of the property, which is approximately centred about the Phase1/Phase 2 boundary, will be mined first. The active pit face will move north from the existing Teedon pit, remaining below grade. A slope of 1.5:1 will be maintained to the east, keeping operations below grade and the pit face will move west for as long as the operations can stay 10 metres below grade (see Worst-Case 2). Two lifts may be mined at any given time, as indicated by Extraction Procedures 2, 3, 4 and 5 which are included in Appendix E. The active face will be sloped at 1.5:1 and final rehabilitation slopes will be maintained at 3:1. For Phases 1 and 2, six loaders were modeled operating simultaneously. The predicted sound levels were comfortably below Ministry Limits at the points of reception.

Phase 3, see Worst-Cases 5 and 6, requires 5 metre berms along the north and south boundaries of extraction, at least 50 metres ahead of the working face, and behind the working face such that the line between the portable crushing plant and any nearby point of reception is obstructed. In addition, the portable crushing plant should be situated within 30 metres of the working face in order to maximize shielding to POR 16. Once extraction reaches the final 150 metres of the property, a 10 metre high berm needs to be constructed along the east boundary of the property. Alternatively, a simple screening plant can operate anywhere outside 170 metres from the east boundary, without berms in place. Only three (3) loaders may operate in conjunction with crushing operations during Phase 3.

7. MITIGATION MEASURES REQUIRED

The following points are to be incorporated into the Operation Plan for the Proposed Cedarhurst Quarries & Crushing Limited Pit to ensure operations do not exceed sound level limits at nearby points of reception.

1. Any construction equipment used to prepare the site, such as dozers, must comply with MOE publication NPC-115.

2. As extraction proceeds westward and eastward in Phases 1 and 2, face ridges on each lift (approximately 10 metres in height) shall be maintained at the east and west natural limits until total extraction is completed to the required face ridges at these limits. See details of Extraction Procedure 1-6 cross-sections.

3. During Phase 3, 5 metre high berms are required along the north and south boundaries of the pit, extending 50 metres ahead of the working face, and remaining in place for 50 metres behind the working face, such that the line between the portable crushing plant and any nearby point of reception is obstructed by a 100 metre wide berm.

4. Mining of the final 150 metres of the east licenced boundary in Phase 3 will require a 10 metre high berm. The berm will be tapered off to match the aforementioned 5 metre high berms, along the north and south boundaries.

5. The crushing plant is to be situated within 30 metres of the working face in the Phase 3 area, in order to maximize sound attenuation.

6. A maximum of 3 loaders will be permitted to operate in conjunction with crushing operations during Phase 3 of extraction.

7. If berm construction in the Phase 3 area is not viable, a single screening plant could operate along with a maximum of two (2) loaders, provided the plant is situated a minimum of 170 metres from the east limit of extraction.

8. Given the close proximity of Phase 3 to controlling receptors, equipment sound levels must be measured and confirmed within the aforementioned limits prior to the extraction of Phase 3.

9. The Extraction Procedure 1-6 cross sections, found in Appendix B, should be incorporated into the operational site plans.

10. Note: Berms are to be constructed within the licenced area boundaries, as shown on the Operational Plan.

8. CONCLUSIONS AND RECOMMENDATIONS

This Acoustic Assessment Report has been prepared in accordance with MOE Guideline NPC-233 and is summarized in Tables 2i-vi.

Analysis shows that the proposed Sibthorpe Sand and Gravel Pit will comply with sound level limits outlined in MOE publications NPC-205 and NPC-232, under predicted worst-case operating conditions, at the facility's neighbouring points of reception, provided the mitigation measures outlined herein are implemented.

TABLES

Table 1: Noise Source Summary		
Name	ID	SPL (dBA) @ distance
Crushing Plant	S1	84 @ 30 metres
Loader	S2i	83 @ 7 metres
Loader	S2ii	83 @ 7 metres
Loader	S2iii	83 @ 7 metres
Loader	S2iv	83 @ 7 metres
Loader	S2v	83 @ 7 metres
Loader	S2vi	83 @ 7 metres
Truck Route	S3	85 @ 7 metres
Screening Plant	S4	73 @ 30 metres

Table 2i: Point of Reception Noise Impact – Worst-Case Extraction Procedure 1 – SPL (dBA)											
POR	**S1**	**S2i**	**S2ii**	**S2iii**	**S2iv**	**S2v**	**S2vi**	**S3**	**S4**	**Total**	**Limit**
1	41.7	29.0	29.1	30.0	29.1	29.4	34.2	28.9	33.0	44	45
2	39.1	26.1	26.1	26.1	26.0	13.9	15.9	21.1	29.1	40	45
3	30.5	21.3	19.9	16.7	16.5	9.6	10.6	13.2	21.6	32	N/A
4	41.4	27.6	28.1	29.2	29.2	25.0	27.5	25.0	32.8	43	45
5	40.7	27.1	27.5	28.8	28.8	28.4	28.5	24.3	32.2	43	50
6	41.3	27.5	27.9	28.7	28.7	29.2	29.4	24.3	33.2	43	50
7	41.1	27.3	27.7	28.6	28.5	29.2	29.3	24.3	32.0	43	50
8	39.8	26.6	26.9	27.4	27.4	28.3	28.2	24.1	31.7	42	50
9	41.4	27.5	28.0	29.0	28.8	30.3	30.3	24.5	33.0	43	50
10	39.9	26.8	27.0	27.7	27.6	28.9	28.8	23.8	32.3	42	50
11	39.5	26.4	26.5	27.6	27.6	30.2	30.1	24.7	32.4	42	50
12	38.7	25.0	25.2	26.8	27.0	29.1	29.0	24.9	31.4	41	50
13	38.6	25.2	25.3	26.8	26.9	30.3	30.2	25.9	31.9	41	50
14	35.6	20.5	21.4	24.4	24.2	29.3	29.1	21.5	27.0	38	N/A
15	36.2	21.2	22.2	24.4	25.2	29.0	28.8	22.0	27.8	39	50
16	35.5	20.3	21.4	23.7	23.8	29.1	28.8	20.9	26.7	38	50
17	35.9	20.8	21.9	24.0	24.2	29.0	29.1	22.1	27.2	38	50
18	36.5	21.4	22.5	25.3	25.6	29.1	29.0	23.0	28.0	39	50
19	38.2	24.0	24.2	26.4	27.0	28.7	28.9	23.7	30.9	40	49
20	38.3	23.9	24.1	26.6	27.4	28.6	28.7	24.6	30.8	41	49

Table 2ii: Point of Reception Noise Impact – Worst-Case Extraction Procedure 2 – SPL (dBA)											
POR	**S1**	**S2i**	**S2ii**	**S2iii**	**S2iv**	**S2v**	**S2vi**	**S3**	**S4**	**Total**	**Limit**
1	41.3	32.5	27.9	28.1	28.2	28.1	32.4	28.6	35.8	44	45
2	37.2	21.5	21.6	24.4	24.9	25.9	23.0	27.0	31.0	39	45
3	36.7	24.7	22.3	25.2	25.4	19.2	21.7	19.8	22.4	38	N/A
4	42.3	29.4	29.5	28.9	28.5	28.5	28.8	24.4	30.5	44	45
5	40.1	27.0	27.0	27.1	27.1	27.3	27.0	27.1	30.3	42	50
6	40.8	27.7	27.7	27.8	27.8	27.9	27.6	27.7	31.1	43	50
7	40.6	27.4	27.5	27.6	27.6	27.7	27.3	27.4	30.8	42	50
8	39.7	26.6	26.5	26.7	26.7	26.8	26.5	26.7	29.9	41	50
9	41.7	28.4	28.4	28.6	28.6	28.7	28.3	28.1	31.8	43	50
10	40.2	27.1	27.1	27.2	27.3	27.3	27.0	27.1	30.5	42	50
11	41.4	28.1	28.1	28.3	28.4	28.4	28.1	27.7	31.6	43	50
12	40.4	27.1	27.2	27.3	27.4	27.4	27.1	26.9	30.6	42	50
13	41.5	28.2	28.2	28.4	28.5	28.5	28.2	27.5	31.7	43	50
14	41.2	28.1	28.1	28.1	28.1	28.3	28.0	26.0	31.4	43	N/A
15	40.7	27.5	27.5	27.7	27.7	27.7	27.5	25.9	30.9	42	50
16	41.2	28.1	28.1	28.1	28.1	28.3	28.1	25.7	31.4	43	50
17	41.3	28.0	28.0	28.2	28.2	28.2	27.9	26.1	31.3	43	50
18	40.7	27.4	27.4	27.6	27.6	27.7	27.5	26.2	30.9	42	50
19	40.4	27.0	27.1	27.3	27.4	27.3	26.9	27.2	30.3	42	49
20	40.3	26.9	27.0	27.2	27.3	27.2	26.8	27.4	30.2	42	49

Table 2iii: Point of Reception Noise Impact – Worst-Case Extraction Procedure 3 – SPL (dBA)											
POR	**S1**	**S2i**	**S2ii**	**S2iii**	**S2iv**	**S2v**	**S2vi**	**S3**	**S4**	**Total**	**Limit**
1	40.3	27.0	27.1	27.3	27.2	27.3	27.4	29.7	30.6	42	45
2	35.9	19.7	19.5	24.5	19.3	23.5	24.7	28.7	26.3	38	45
3	40.5	25.8	25.5	28.1	25.1	28.0	28.7	26.6	30.6	42	N/A
4	36.0	23.4	25.1	22.6	26.3	24.7	23.8	23.4	30.4	39	45
5	39.1	26.0	26.2	26.3	26.2	26.4	26.4	28.3	29.3	41	50
6	39.5	26.3	26.6	26.6	26.7	26.8	26.8	28.9	30.0	41	50
7	39.3	26.1	26.3	26.4	26.4	26.6	26.6	28.9	29.8	41	50
8	38.7	25.5	25.6	25.9	25.7	25.9	26.0	28.1	28.9	41	50
9	40.0	26.7	27.1	27.0	27.2	27.3	27.4	29.6	30.7	42	50
10	39.2	26.0	26.1	26.4	26.2	26.4	26.5	28.6	29.4	41	50
11	40.5	27.2	27.3	27.6	27.3	27.5	27.6	29.5	30.5	42	50
12	39.5	26.4	26.4	26.7	26.4	26.6	26.7	28.8	29.6	41	50
13	40.6	27.4	27.4	27.7	27.4	27.6	27.7	29.5	30.6	42	50
14	40.5	27.3	27.3	27.6	27.3	27.5	27.6	29.1	30.6	42	N/A
15	39.9	26.7	26.7	27.0	26.7	26.9	27.1	28.7	30.0	42	50
16	40.6	27.4	27.4	27.7	27.4	27.6	27.8	29.1	30.8	42	50
17	40.4	27.2	27.2	27.5	27.2	27.4	27.6	29.2	30.6	42	50
18	39.8	26.7	26.6	27.0	26.6	26.8	26.9	28.7	29.9	42	50
19	39.4	26.2	26.3	26.5	26.3	26.5	26.6	28.7	29.6	41	49
20	39.3	26.1	26.2	26.4	26.2	26.4	26.5	28.7	29.6	41	49

Table 2iv: Point of Reception Noise Impact – Worst-Case Extraction Procedure 4 – SPL (dBA)											
POR	**S1**	**S2i**	**S2ii**	**S2iii**	**S2iv**	**S2v**	**S2vi**	**S3**	**S4**	**Total**	**Limit**
1	38.5	25.8	25.8	25.7	25.6	25.8	25.5	30.0	28.7	40	45
2	32.1	14.3	20.8	19.0	20.3	17.5	20.2	28.0	16.2	35	45
3	38.8	22.2	24.3	26.0	26.9	21.9	27.0	21.2	21.5	40	N/A
4	29.6	16.7	21.7	18.4	18.1	23.0	13.7	22.1	17.3	32	45
5	36.2	23.6	24.5	24.2	24.2	24.7	22.4	27.6	25.3	38	50
6	36.2	23.7	25.0	24.4	24.4	25.2	21.3	27.5	25.2	38	50
7	36.4	24.0	24.9	24.5	24.5	25.1	22.8	28.3	25.9	39	50
8	36.6	24.1	24.3	24.3	24.2	24.4	23.4	28.3	26.7	39	50
9	36.6	24.2	25.6	24.9	24.9	25.7	22.0	28.4	26.1	39	50
10	37.0	24.5	24.8	24.7	24.7	24.9	23.8	28.8	27.2	39	50
11	38.4	25.7	25.8	25.8	25.7	25.8	25.3	30.1	28.6	40	50
12	37.8	25.1	24.9	25.0	24.9	25.0	25.0	29.3	27.5	40	50
13	38.8	26.0	25.8	26.0	25.8	25.9	25.9	30.4	27.8	41	50
14	38.7	26.0	25.9	25.9	25.8	25.9	25.8	29.8	26.4	41	N/A
15	38.1	25.4	25.3	25.4	25.2	25.4	25.3	29.5	26.3	40	50
16	38.8	26.1	26.0	26.1	25.9	26.0	26.0	29.8	26.2	41	50
17	38.6	25.9	25.8	25.9	25.7	25.8	25.7	30.0	26.9	40	50
18	38.0	25.3	25.2	25.2	25.1	25.2	25.3	29.5	27.0	40	50
19	37.7	25.0	25.0	25.0	24.8	25.0	24.8	29.1	26.7	40	49
20	37.6	24.9	24.9	24.9	24.7	24.9	24.7	29.0	26.9	40	49

Table 2v: Point of Reception Noise Impact – Worst-Case Extraction Procedure 5 – SPL (dBA)											
POR	**S1**	**S2i**	**S2ii**	**S2iii**	**S2iv**	**S2v**	**S2vi**	**S3**	**S4**	**Total**	**Limit**
1	42.8	29.6	28.9	29.4	-	-	-	34.0	-	44	45
2	36.3	23.4	23.4	23.5	-	-	-	27.1	-	37	45
3	37.8	25.1	25.0	25.0	-	-	-	24.4	-	39	N/A
4	39.7	31.8	30.5	27.0	-	-	-	28.9	-	41	45
5	43.9	28.3	31.0	31.6	-	-	-	33.9	-	45	50
6	44.7	29.8	30.2	33.1	-	-	-	34.8	-	46	50
7	43.1	27.3	30.5	31.1	-	-	-	34.8	-	44	50
8	43.3	24.6	27.5	31.0	-	-	-	33.8	-	44	50
9	43.5	27.9	28.8	31.6	-	-	-	35.5	-	45	50
10	42.7	24.0	26.9	30.5	-	-	-	34.5	-	44	50
11	38.6	20.9	23.3	25.9	-	-	-	35.6	-	41	50
12	41.6	27.7	25.9	28.8	-	-	-	34.2	-	43	50
13	36.6	18.1	20.7	23.1	-	-	-	34.2	-	39	50
14	40.6	25.8	26.7	27.8	-	-	-	34.5	-	42	N/A
15	39.7	24.5	25.5	26.9	-	-	-	34.0	-	41	50
16	40.8	26.1	27.0	28.1	-	-	-	34.4	-	42	50
17	40.2	25.4	26.3	27.5	-	-	-	33.8	-	42	50
18	39.2	24.1	25.2	26.6	-	-	-	33.6	-	41	50
19	39.7	22.6	25.6	26.7	-	-	-	31.6	-	41	49
20	39.9	23.3	25.7	26.6	-	-	-	31.9	-	41	49

Table 2vi: Point of Reception Noise Impact – Worst-Case Extraction Procedure 6 – SPL (dBA)											
POR	**S1**	**S2i**	**S2ii**	**S2iii**	**S2iv**	**S2v**	**S2vi**	**S3**	**S4**	**Total**	**Limit**
1	43.1	32.2	31.8	33.2	-	-	-	34.9	-	45	45
2	35.0	22.2	22.3	22.3	-	-	-	27.8	-	36	45
3	37.4	24.5	24.6	24.6	-	-	-	26.8	-	38	N/A
4	39.0	26.1	26.2	25.6	-	-	-	30.6	-	40	45
5	46.5	33.1	33.4	32.3	-	-	-	34.1	-	47	50
6	46.0	34.0	33.2	31.1	-	-	-	34.8	-	47	50
7	47.3	34.0	34.2	33.0	-	-	-	34.8	-	48	50
8	47.6	33.6	34.3	33.6	-	-	-	34.5	-	48	50
9	44.3	33.6	31.1	30.0	-	-	-	35.1	-	45	50
10	48.1	34.4	34.9	34.0	-	-	-	34.8	-	49	50
11	46.0	33.8	33.1	31.1	-	-	-	35.5	-	47	50
12	47.3	27.8	34.3	35.3	-	-	-	36.8	-	48	50
13	44.3	31.3	31.5	31.2	-	-	-	35.2	-	45	50
14	48.2	35.1	35.1	35.1	-	-	-	37.4	-	49	N/A
15	45.3	31.9	32.3	32.2	-	-	-	37.4	-	47	50
16	48.9	35.8	35.8	35.6	-	-	-	37.7	-	50	50
17	47.1	33.8	34.1	33.9	-	-	-	36.5	-	48	50
18	44.5	30.8	31.4	31.4	-	-	-	36.6	-	46	50
19	42.3	29.0	29.8	30.3	-	-	-	33.3	-	43	49
20	41.9	29.4	29.5	30.4	-	-	-	33.4	-	43	49

FIGURES

Figure 1: Aerial View of Site

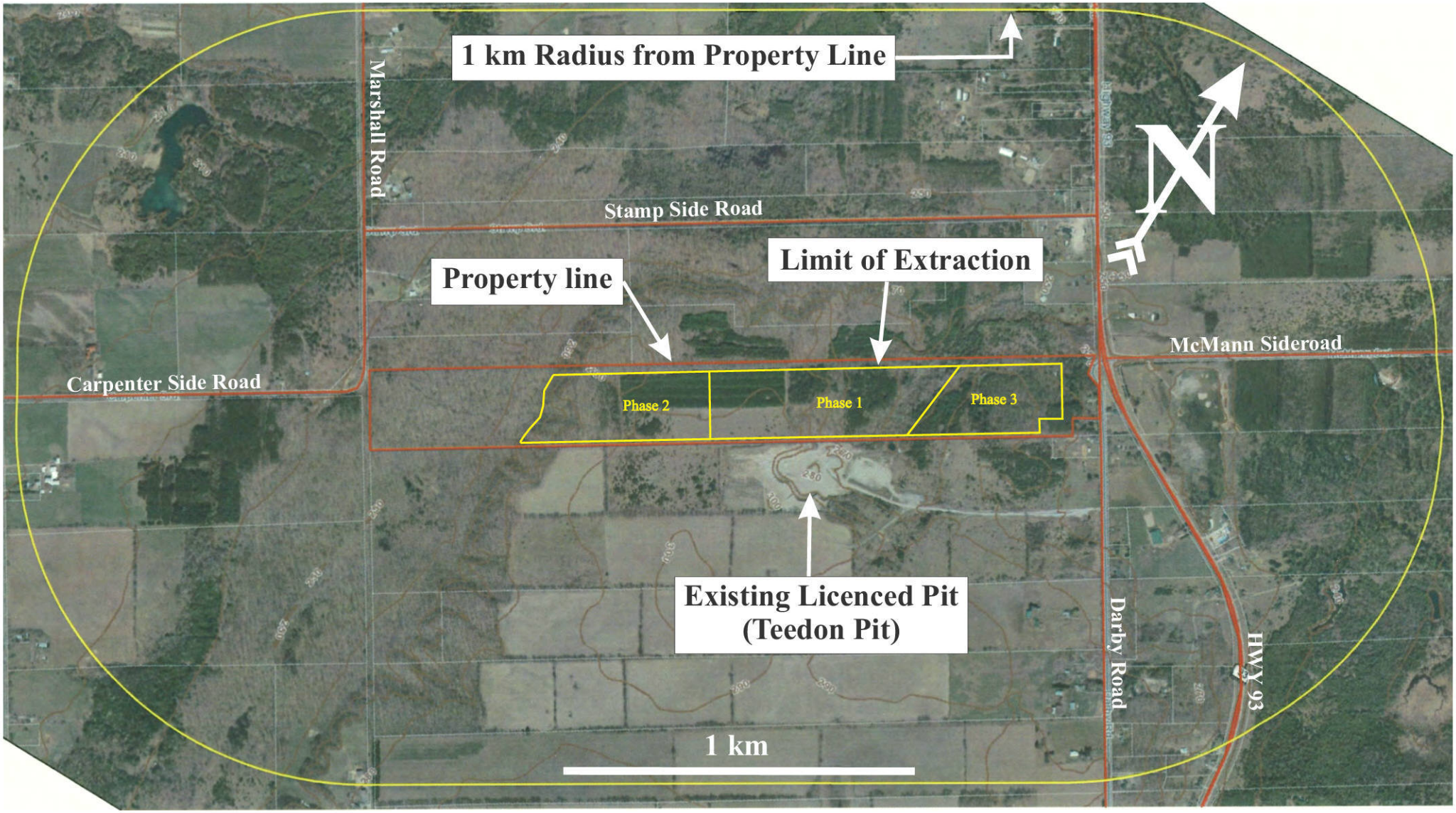


Figure 2i: Overview of Receptor (POR) locations and Noise Source locations - Worst-Case Extraction Procedure 1

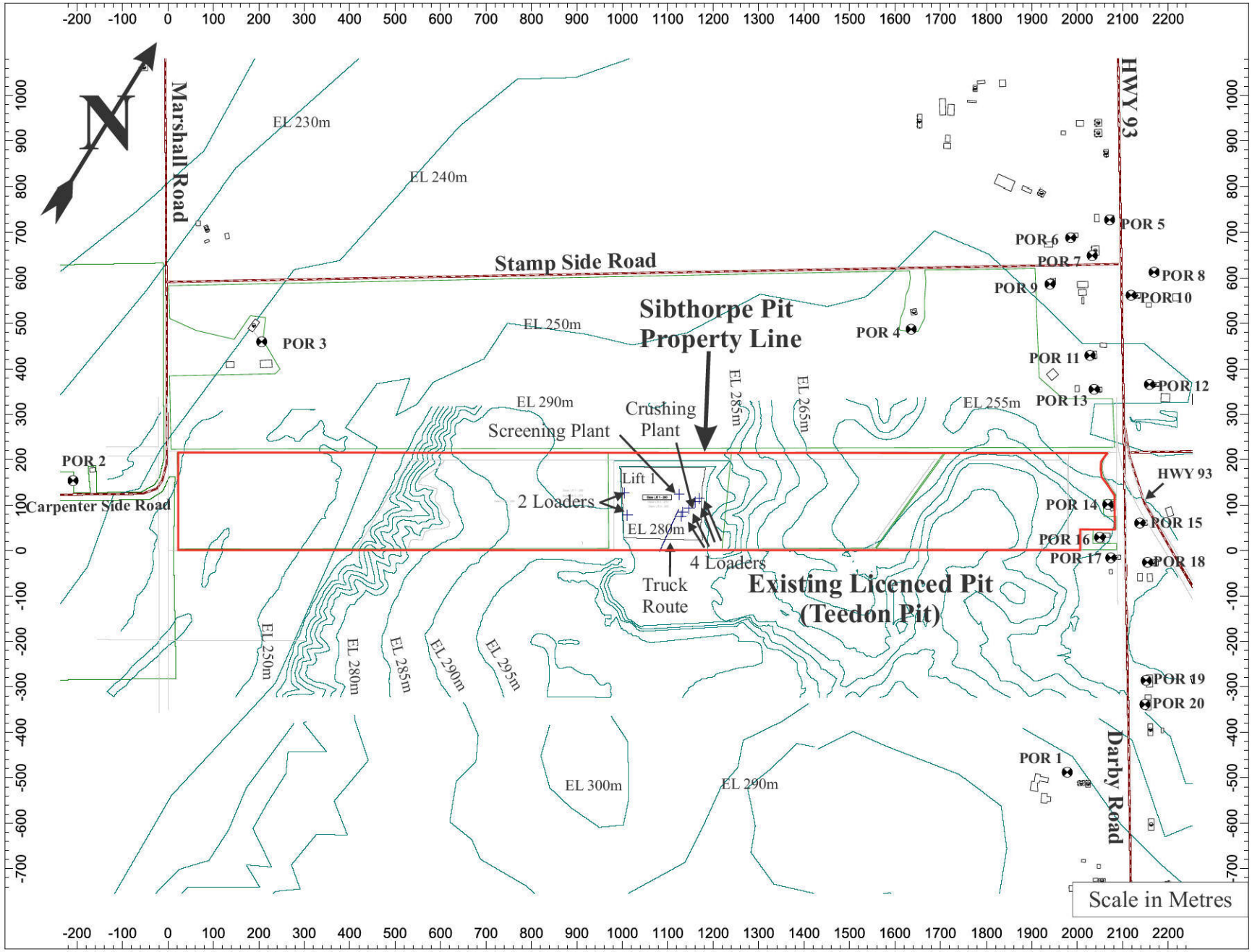


Figure 2ii: Overview of Receptor (POR) locations and Noise Source locations - Worst-Case Extraction Procedure 2

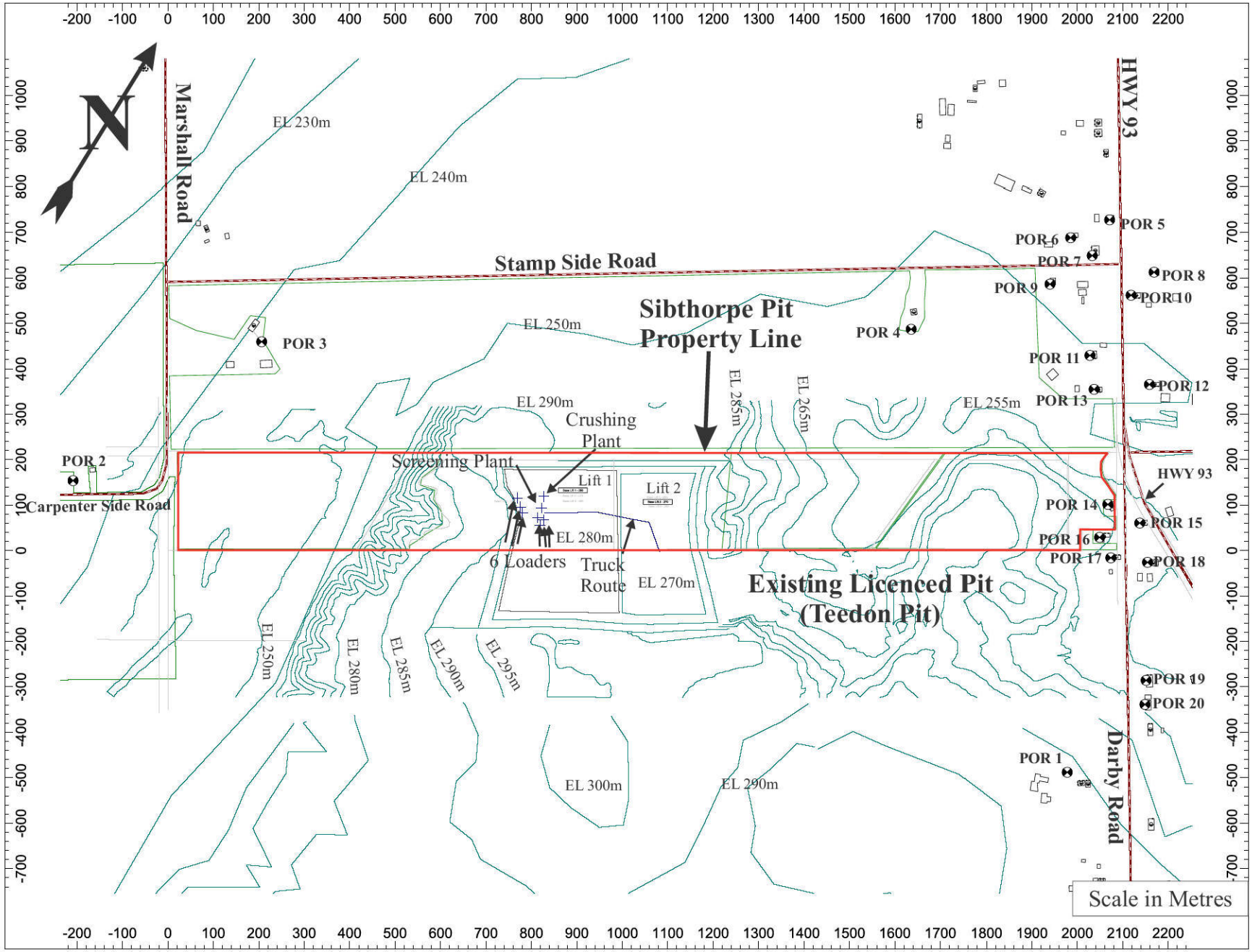


Figure 2iii: Overview of Receptor (POR) locations and Noise Source locations - Worst-Case Extraction Procedure 3

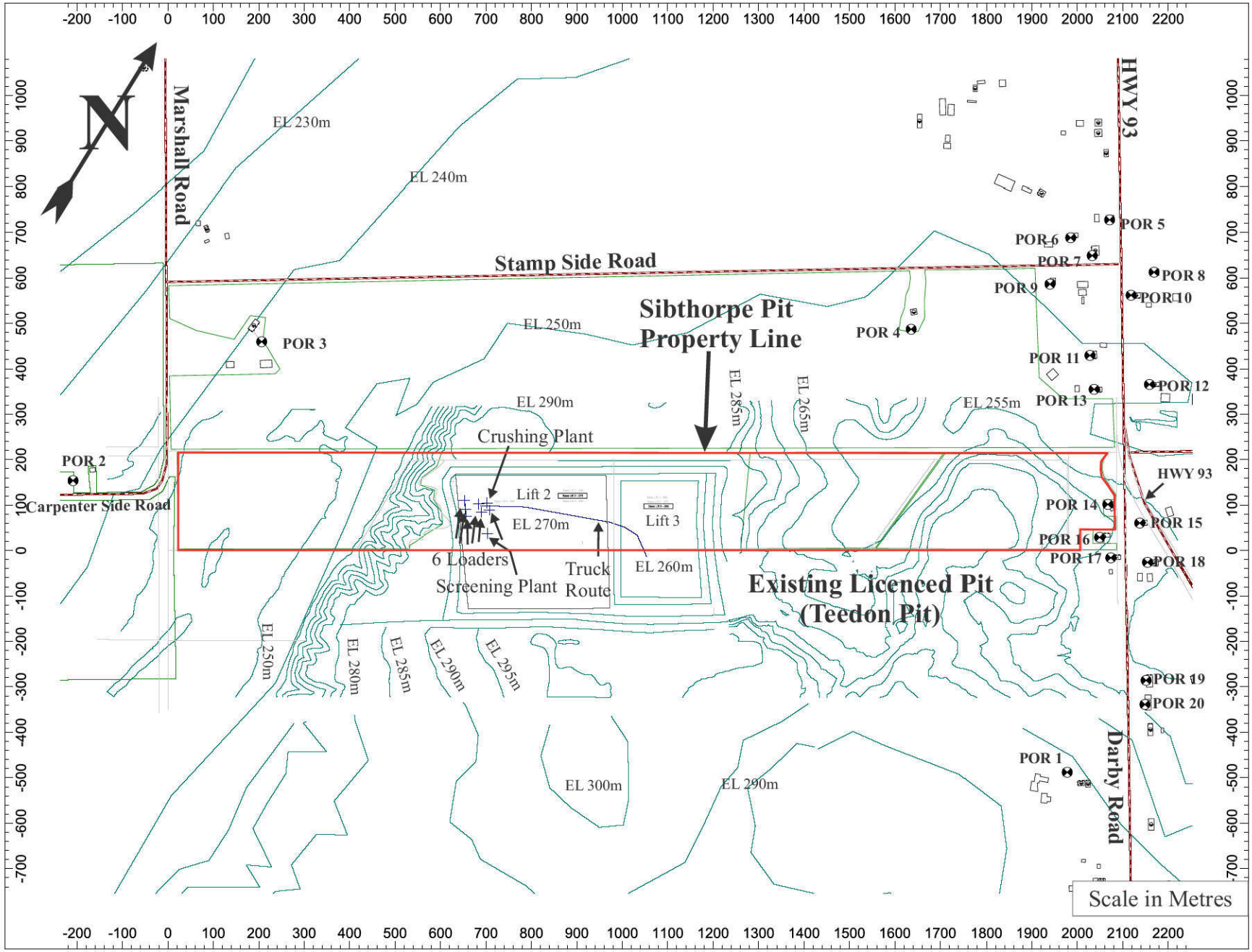


Figure 2iv: Overview of Receptor (POR) locations and Noise Source locations - Worst-Case Extraction Procedure 4

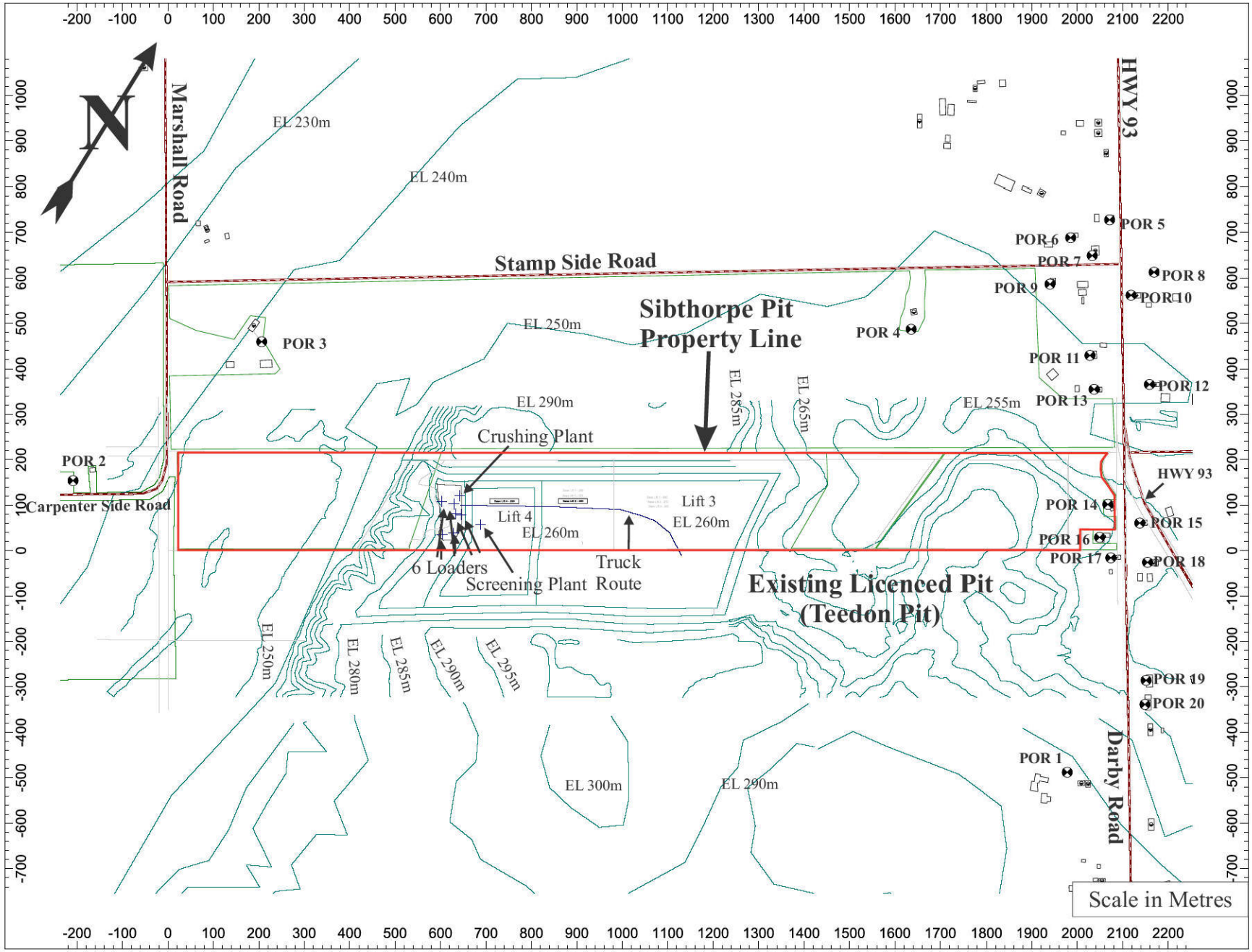


Figure 2v: Overview of Receptor (POR) locations and Noise Source locations - Worst-Case Extraction Procedure 5

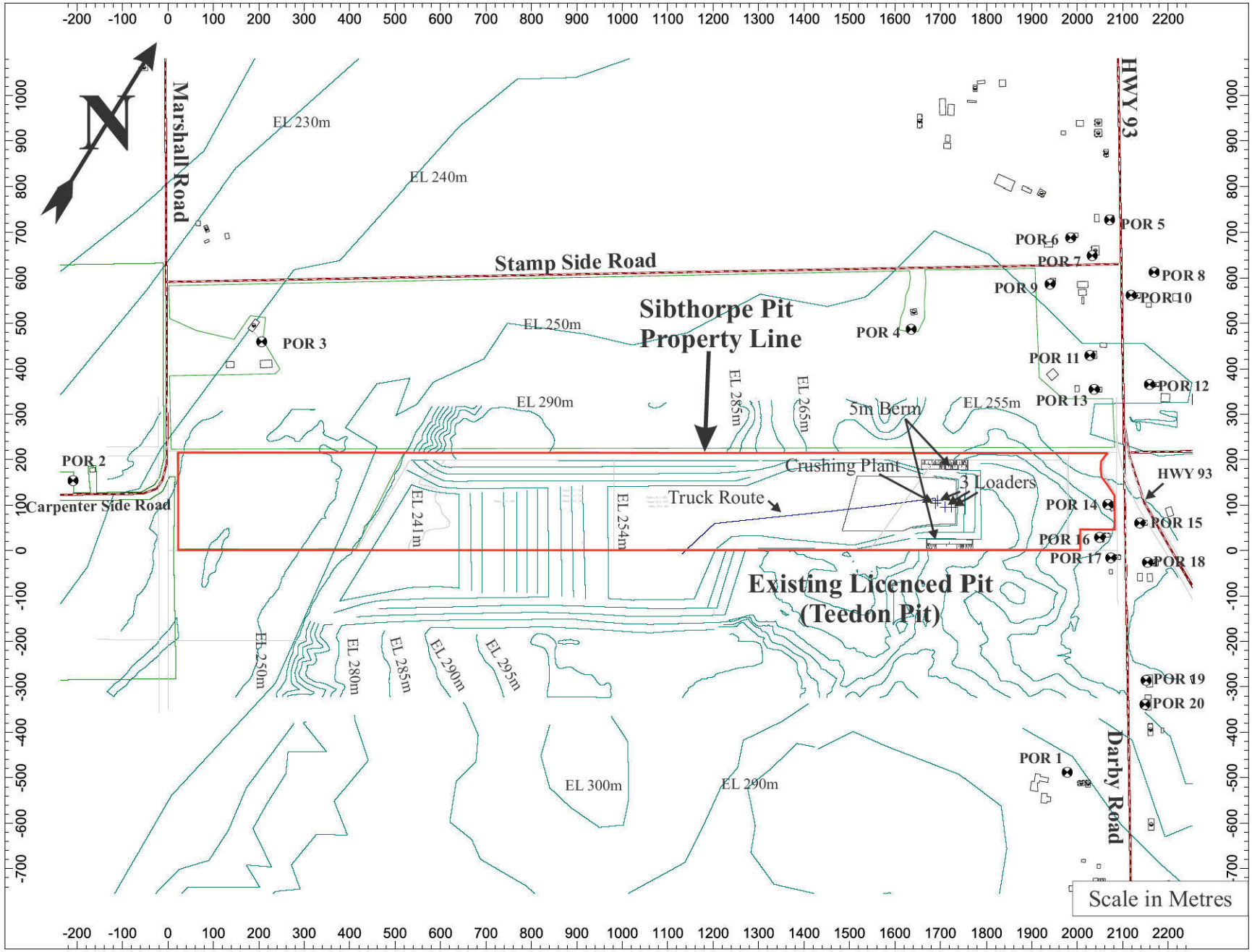


Figure 2vi: Overview of Receptor (POR) locations and Noise Source locations - Worst-Case Extraction Procedure 6

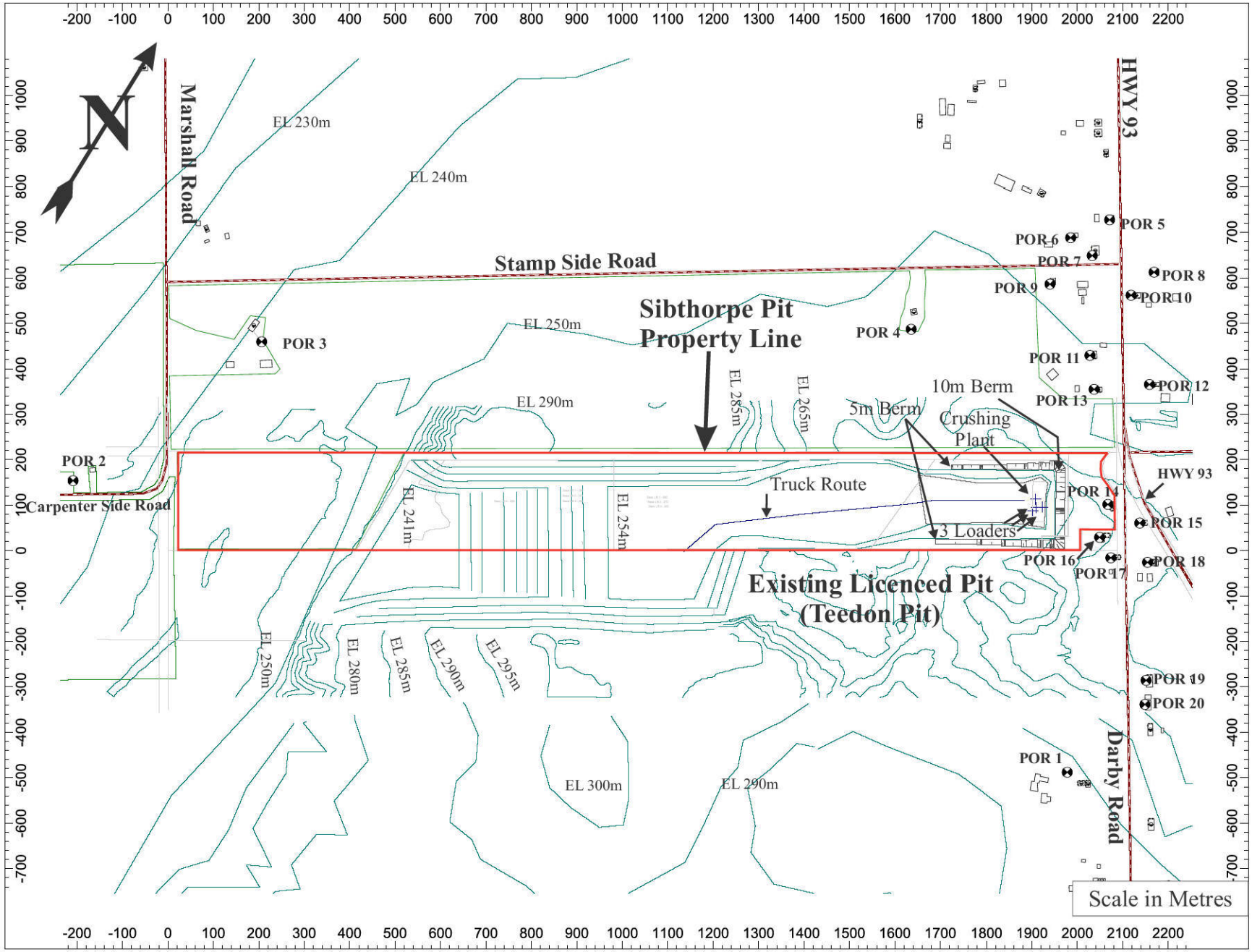


Figure 3i: Sound Map of Worst-Case Extraction Procedure 1

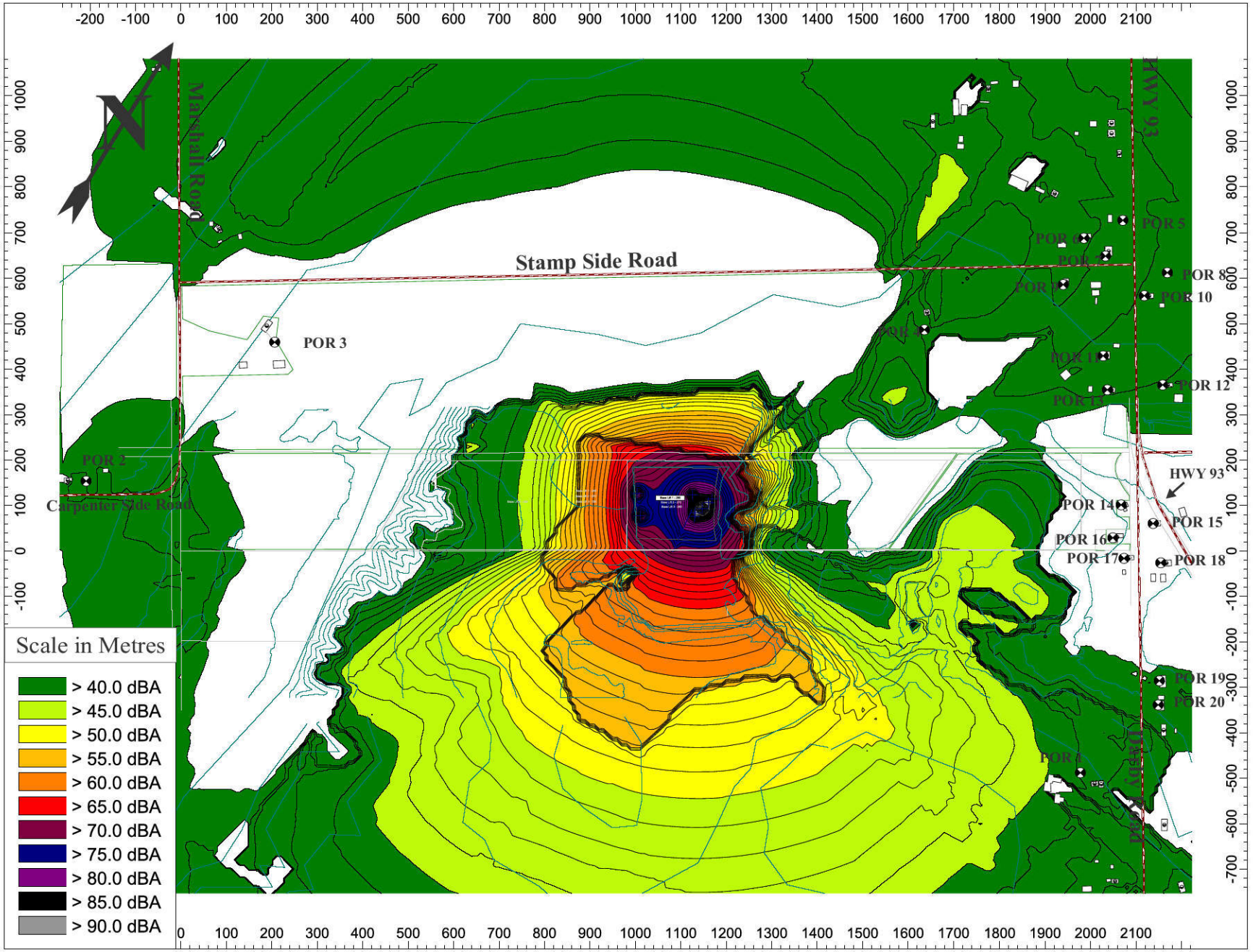


Figure 3ii: Sound Map of Worst-Case Extraction Procedure 2

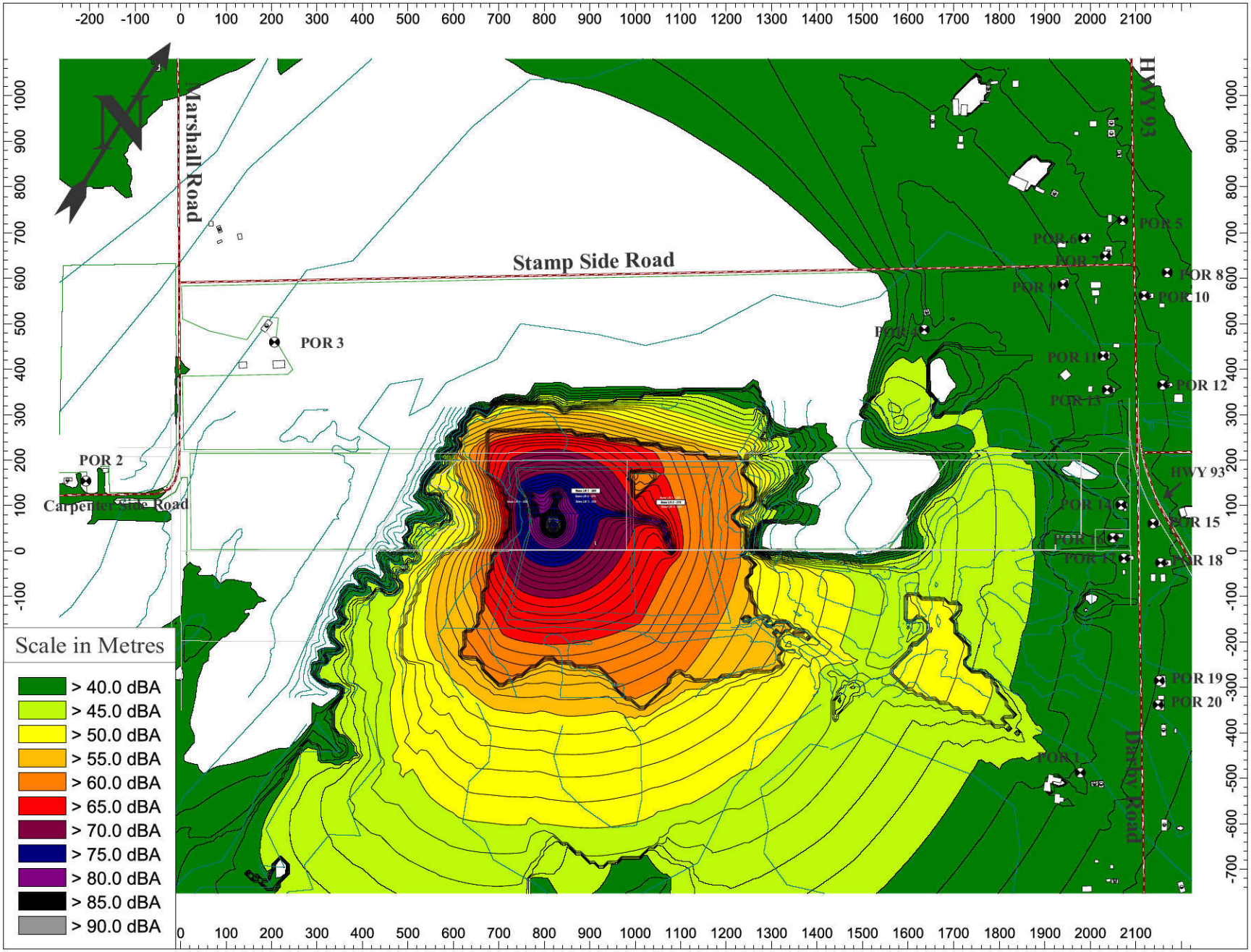


Figure 3iii: Sound Map of Worst-Case Extraction Procedure 3

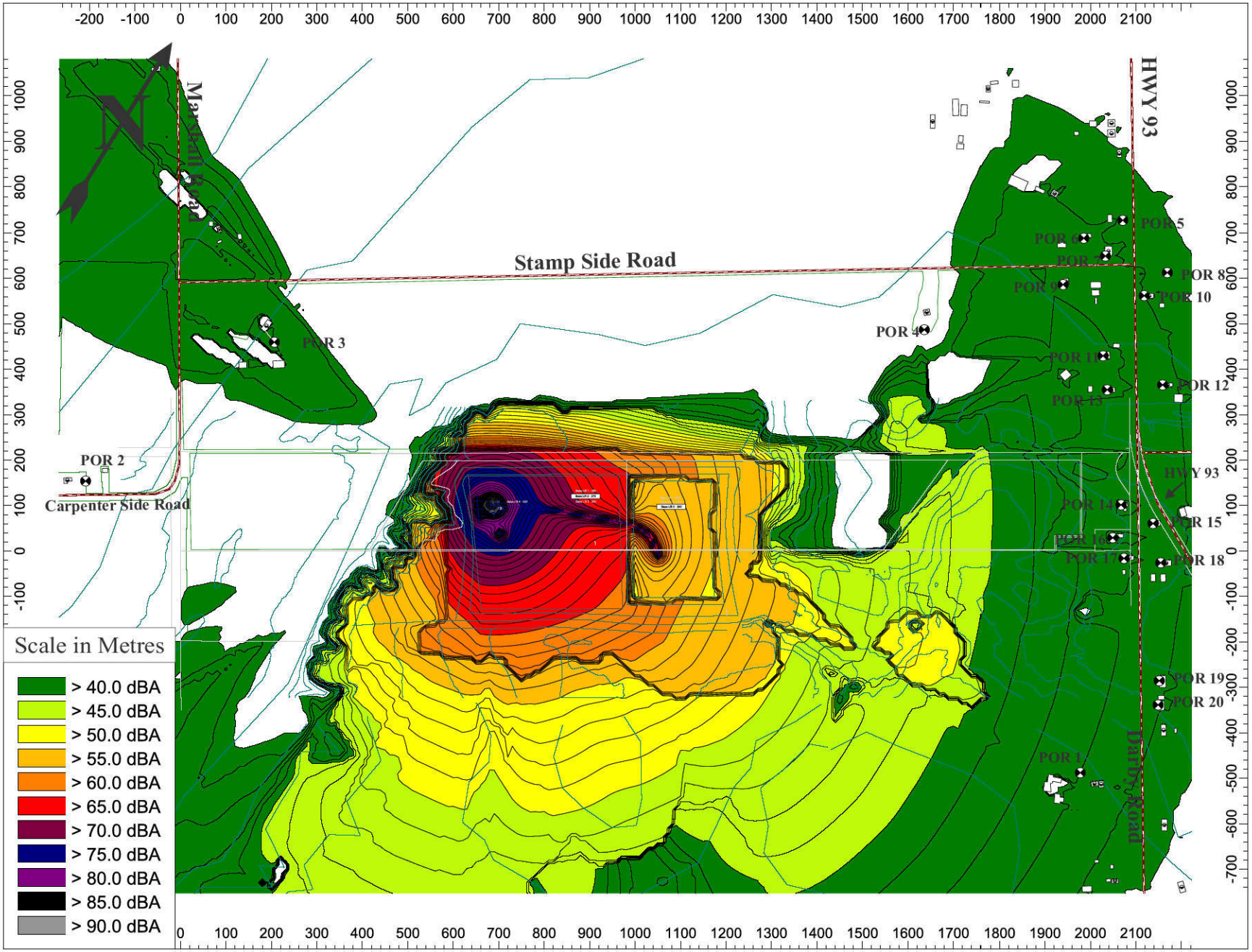


Figure 3iv: Sound Map of Worst-Case Extraction Procedure 4

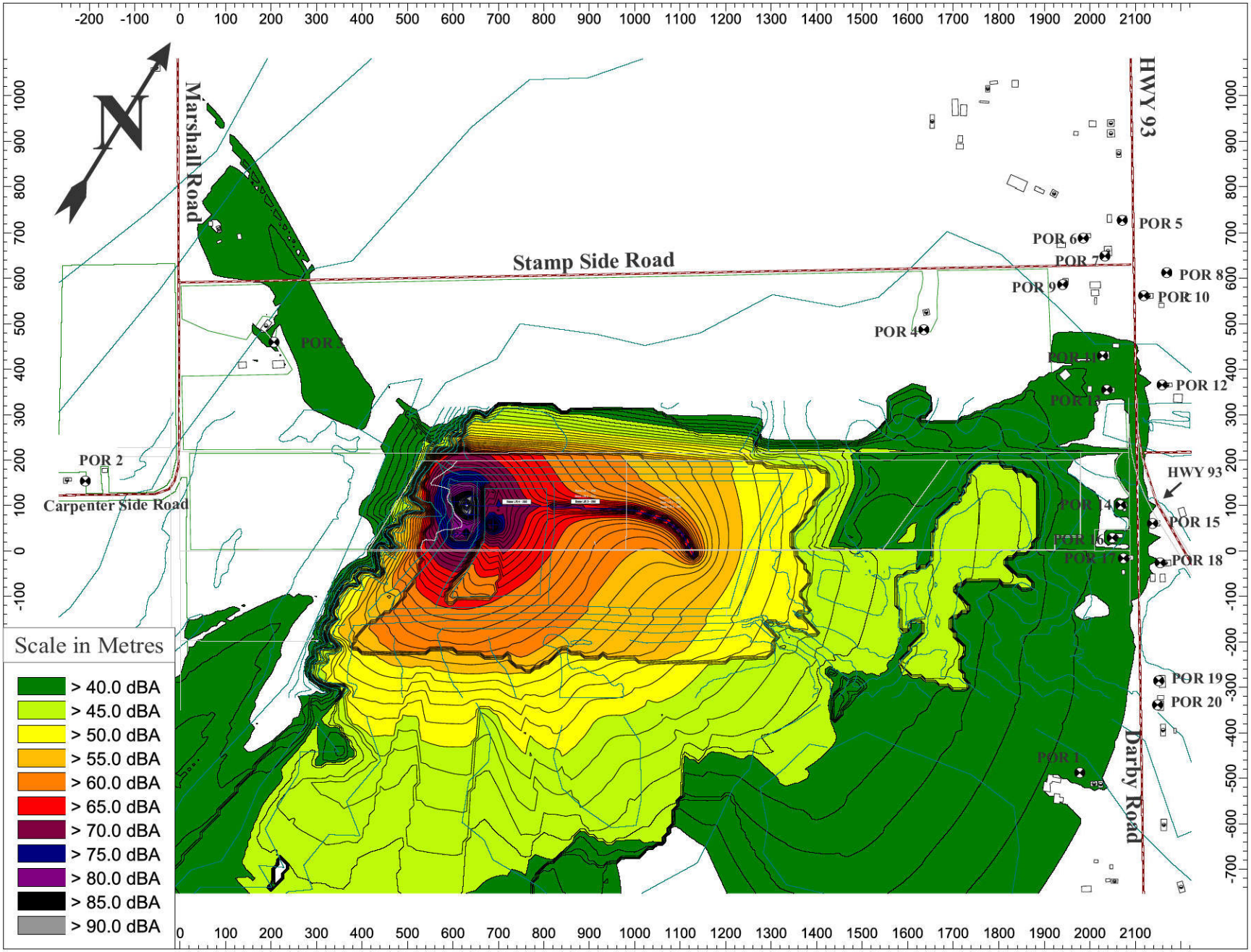


Figure 3vi: Sound Map of Worst-Case Extraction Procedure 5

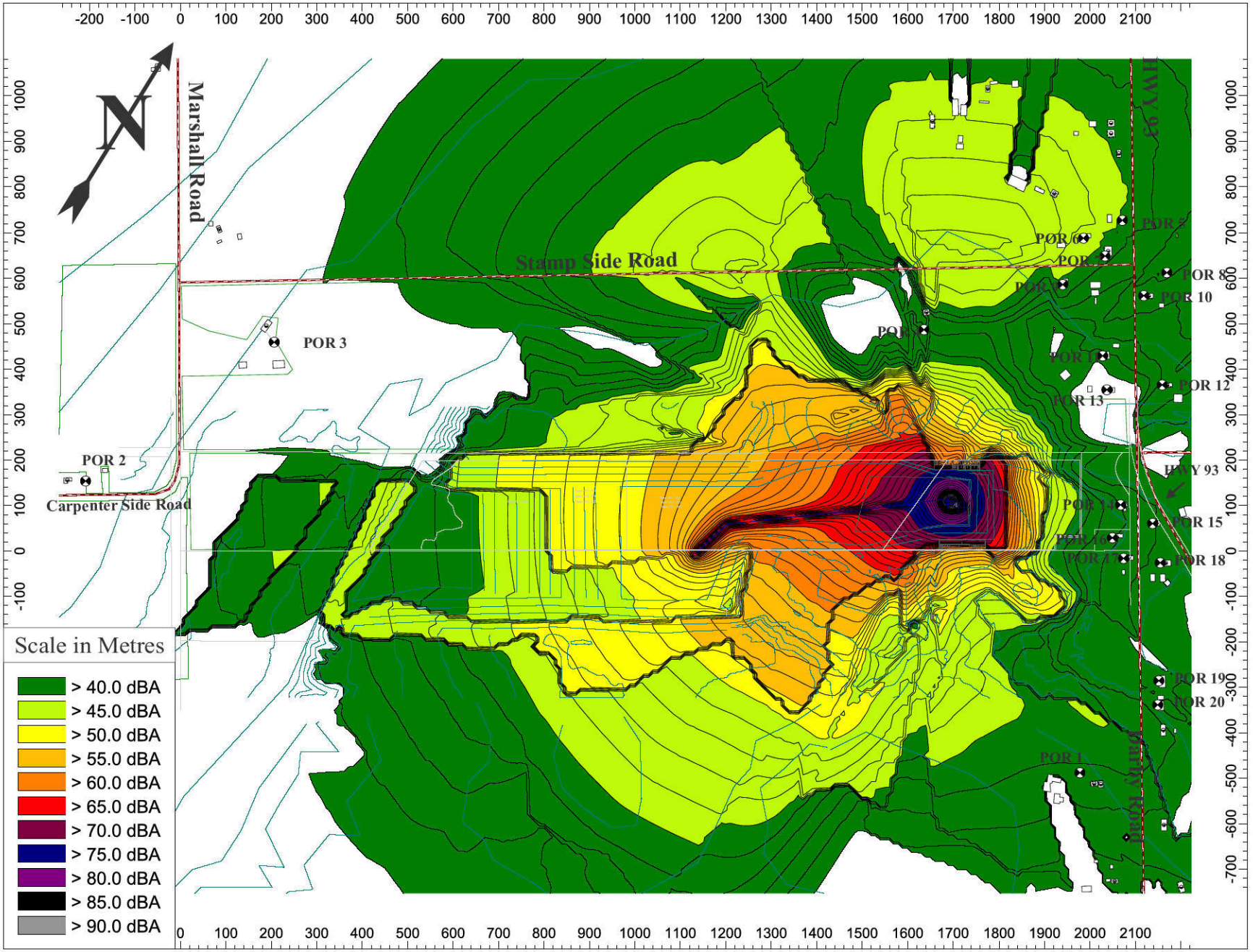
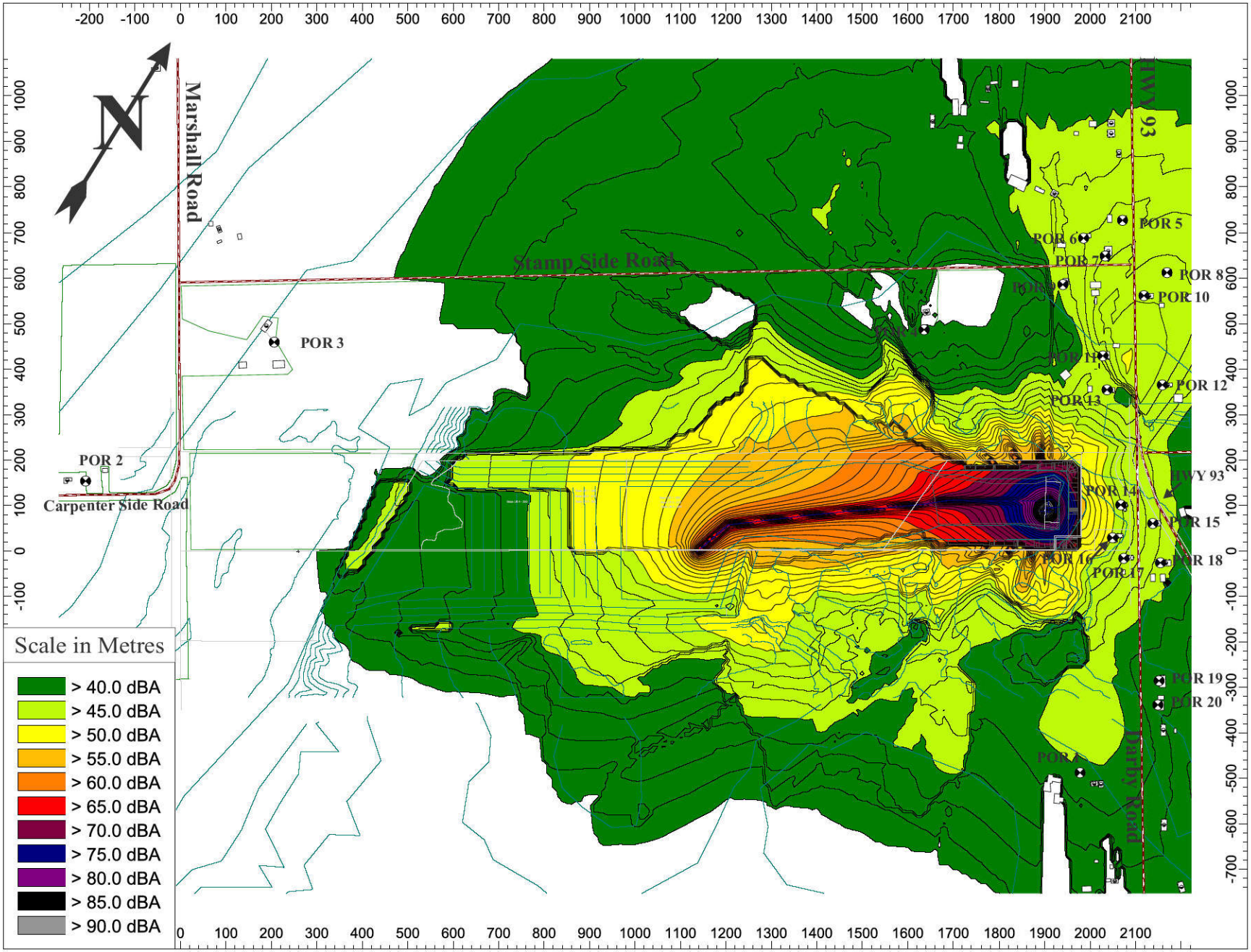


Figure 3vii: Sound Map of Worst-Case Extraction Procedure 6

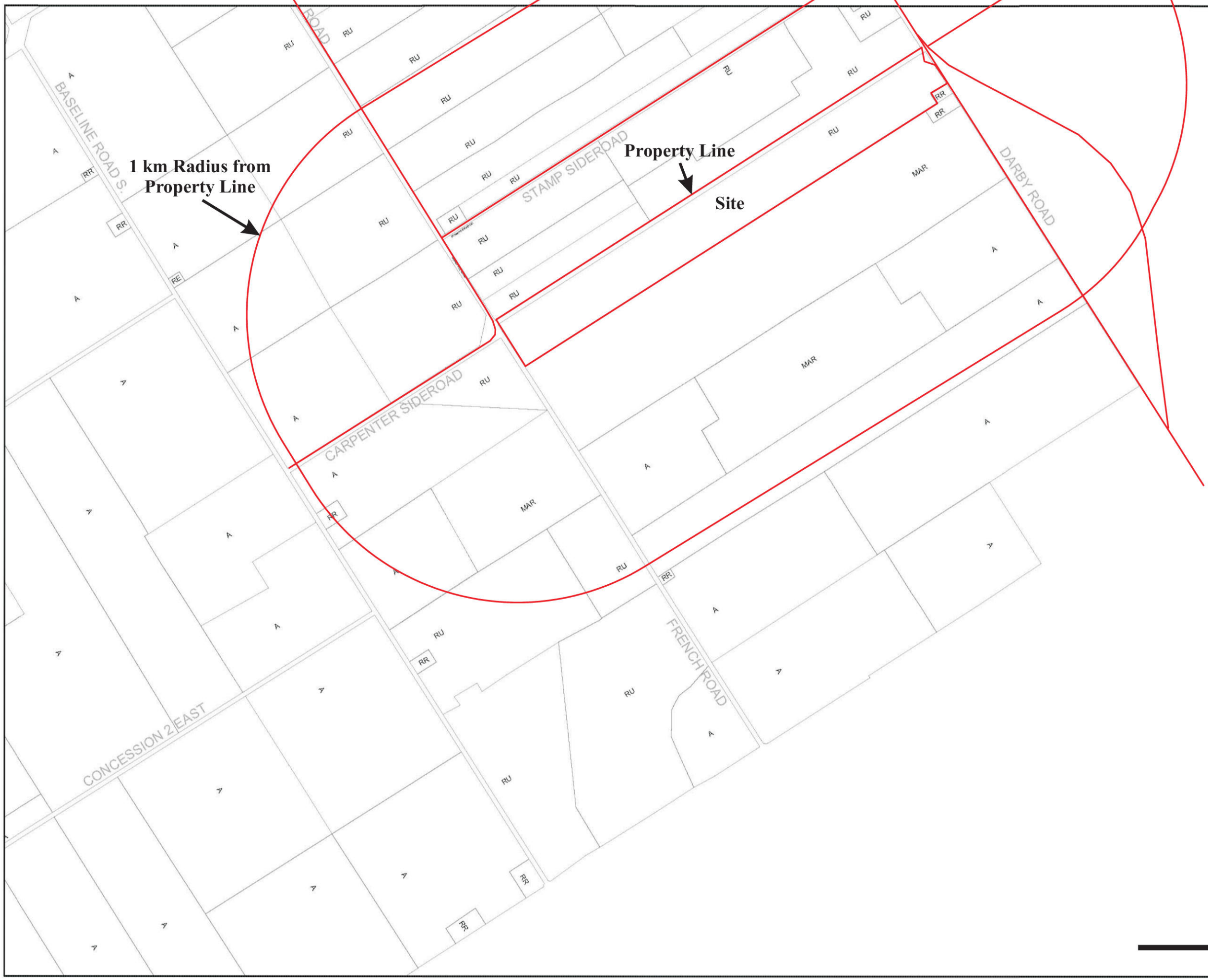


APPENDIX A
Zoning

TOWNSHIP OF TINY

This is Schedule C-20 to Zoning By-law 06-001

Date Printed: September 24, 2010



TOWNSHIP OF TINY

This is Schedule C-21 to Zoning By-law 06-001

Date Printed: November 29, 2010

SECTION 2.0
ESTABLISHMENT OF ZONES

2.1 ZONES

The Provisions of this By-law apply to all lands within the limits of the Township of Tiny. All lands in the Township are contained within one or more of the following *Zones*:

ZONE	SYMBOL
Environmental and Open Space Zones	
Environmental Protection One	EP1
Environmental Protection Three	EP3
Open Space	OS
Open Space One	OS1
Residential Zones	
Rural Residential	RR
Country Residential	CR
Shoreline Residential	SR
Limited Service Residential	LSR
Hamlet Residential One	HR1
Hamlet Residential Two	HR2
Commercial and Employment Zones	
Shoreline Commercial	SC
Marina	MA
Hamlet Commercial	HC
Hamlet Employment	HE
Rural Employment	RE
Rural Commercial	RC
Rural and Recreational Zones	
Agricultural	A
Rural	RU
Greenbelt	GB

Major Recreation	MR
Mineral Aggregate	MAR
Urban Fringe	UF

Other Zones

Institutional	I
Future Development	FD
Waste Disposal	WD
Waste Disposal I	WDI

2.2 ZONE SYMBOLS

The *Zone* symbols may be used to refer to *lots*, *buildings* and *structures* and to the *use* of *lots*, *buildings* and *structures* permitted by this By-law.

2.3 ZONE SCHEDULES

The *Zones* and *Zone* boundaries are shown on Schedules A-1 to A-48 and B-1 to B-12 and C-1 to C-25 that are attached to and form part of this By-law.

2.4 DETERMINING ZONE BOUNDARIES

When determining the boundary of any *Zone* as shown on any Schedule forming part of this By-law, the following provisions shall apply:

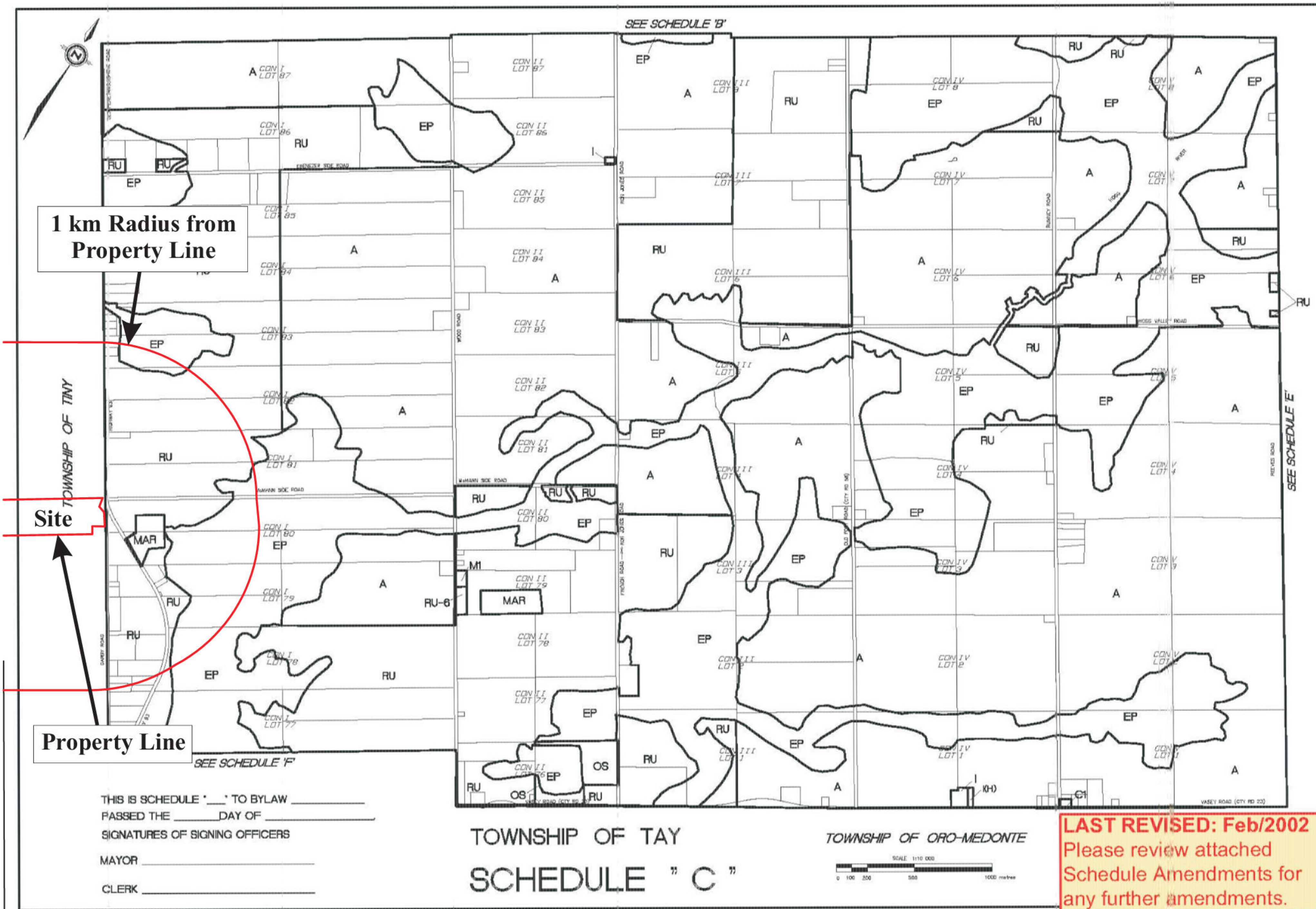
i) a boundary indicated as following a highway, *street*, *lane*, railway right-of-way, utility corridor or watercourse shall be the centre-line of such highway, *street*, *lane*, railway right-of-way, utility corridor or watercourse;

ii) a boundary indicated as substantially following *lot lines* shown on a Registered Plan of Subdivision, or the municipal boundaries of the Township of Tiny shall follow such *lot lines*;

iii) where a boundary is indicated as running substantially parallel to a *street line* and the distance from the *street line* is not indicated, the boundary shall be deemed to be parallel to such a *street line* and the distance from the *street line* shall be determined according to the scale shown on the Schedule(s);

iv) where a *lot* falls into two or more *Zones*, each portion of the *lot* shall be used in accordance with the provisions of this By-law for the applicable *Zone*; and,

v) where none of the above provisions apply, the *Zone* boundary shall be scaled from the Schedule(s).


SEE SCHEDULE 'B'
SEE SCHEDULE 'E'
SEE SCHEDULE 'F'
TOWNSHIP OF TINY
1 km Radius from Property Line
Site
Property Line
THIS IS SCHEDULE '___' TO BYLAW ________
PASSED THE ______ DAY OF ________
SIGNATURES OF SIGNING OFFICERS
MAYOR ________
CLERK ________
TOWNSHIP OF TAY
SCHEDULE " C "
TOWNSHIP OF ORO-MEDONTE
LAST REVISED: Feb/2002
Please review attached Schedule Amendments for any further amendments.

SECTION 6 - USE ZONES AND BOUNDARIES

6.1 USE ZONES

For the purposes of this By-law, the Township of Tay is hereby divided into the following use Zones:

SECTION NUMBER	SECTION HEADING
7.	Village Residential "R1"
8.	Village Residential "R2"
9.	Village Residential-Special "R2-S"
10.	Multiple Residential "R3"
11.	Residential Estate "RE"
12.	Shoreline Residential "SR"
13.	Limited Service Residential (LSR)
14.	Residential Mobile Home Park "RMH"
15.	Recreational Trailer Park "RTP
16.	Village Commercial "C1"
17.	Neighbourhood Commercial "C2"
18.	Tourist Accommodation Commercial "C3"
19.	Service Commercial "C4"
20.	Rural Commercial "C5"
21.	Marine Commercial "C6"
22.	General Industrial "M1"
23.	Prestige Industrial "M2"
24.	Mineral Aggregate Resources "MAR"
25.	Agricultural "A"
26.	Rural "RU
27.	Institutional "I"
28.	Environmental Protection "EP"
29.	Open Space "OS"
30.	Lake Side "LS"
31.	Future Development "D"

APPENDIX B
Site Plans and Extraction Phases

PIT LOCATION

PART OF LOT 80, CONCESSION 1 W.P.R.
AND PART OF THE ORIGINAL ROAD ALLOWANCE
BETWEEN LOTS 80 & 81 CONCESSION W.P.R.

(GEOGRAPHIC TOWNSHIP OF TINY) (TOWNSHIP OF TINY)

COUNTY OF SIMCOE

METRES

1 : 2500

C.T. STRONGMAN O.L.S.

PIT LICENSED TO:

CEDARHURST QUARRIES & CRUSHING LIMITED
P.O. BOX 250
KING CITY, ONTARIO
L7B 1B2

CEDARHURST QUARRIES & CRUSHING LIMITED (SIBTHORPE PIT)

OPERATIONAL PLAN

SHEET 2 OF 5

NOTES:

SITE AREA CALCULATIONS
1. Licensed area = 42.6 hectares
2. Area to be extracted = 30.0 hectares

LICENSED AREA BOUNDARIES -FENCING / GATING
The south licensed area boundary, adjacent to lands owned by Cedarhurst Quarries & Crushing Limited and licensed under Aggregate Licence #3670 (Teedon pit), will not be fenced. The west licensed area boundary will not be fenced. The north licensed area boundary will not be fenced due to the large forested area which abuts the whole of the north licensed area boundary. The east licensed area boundary will be fenced with 1.2 meter high post and page wire fencing prior to pit operations commencing. All unfenced boundaries will be clearly marked with steel t-bar painted orange and where possible placed at 30 meter intervals.

Access to the pit will be through the Teedon pit (Aggregate Licence #3670) from the gated entrance onto Darby Road. The entrance to the Darby Road shall be gated and locked when the Teedon / Sibthorpe pit properties are not in use.

TREE REMOVAL / FOREST MANAGEMENT
Trees shall be cut outside the breeding season for bird species. Tree cutting will only occur between August 1st and April 30th.
All trees within the extractive area will be gradually cut / cleared no more than 90 meters ahead of extractive operations (pit faces) and no less than 5 meters at any given time. Suitable trees will be harvested for saw logs and or fuel wood. Stumps and other wood refuse (waste wood, limbs & brush) may be removed from the site or piled on the site to be burnt and / or chipped. Appropriate permits shall be obtained for burning of stumps and other wood refuse.

Prior to pit operations commencing, a tree planting agreement shall be finalized with the Township of Tiny. This agreement shall apply to the planting of trees on Blocks 1-5, to be identified on the site plans of the Teedon pit, Aggregate License #3670. Establishment of the planting blocks will be subject to a site plan amendment on the Teedon pit site plans. No pit operations are to take place on this licensed property (Sibthorpe pit) until such time that the site plan amendment for the Teedon pit is approved.

STRIPPING OF TOPSOIL / OVERBUDEN
Top soil and overburden will be stripped in advance of aggregate extraction and stockpiled at various locations on the licensed property, to be used for on site rehabilitation. Top soil and overburden may also be placed in berms (see locations on site plan) along the north and west licensed area boundaries. The berms will be placed a minimum of 3 meters from the licensed area boundary and may overlap onto the area of extraction. Completed portions of the berms will be seeded with a mix that allows for natural succession. Secondary growth generated through natural succession shall be maintained on the berms until such time removal of the berm is required for site rehabilitation. Thereafter these areas shall be reseeded and reforested.

EXTRACTION / MAXIMUM NUMBER OF LIFTS AND MAXIMUM HEIGHT
Based on the letter of opinion / hydrogeological assessment undertaken by Alpha Environmental Services Inc. (April 12, 2011), the maximum depth of extraction will vary across the site with an final pit floor elevation varying from 240.5 meters in the west portion to 256.3 meters in central portion and to 253.7 meters in the east portion of the site. Following each lift, a minimum of 3 test holes will be dug prior to commencement of the next lift, to probe for the water table and ensure that ground water will not be encountered at an unexpected upper elevation. Should the water table vary upwards no extraction shall occur within 1.5 meters of the water table.

There will be a maximum of 4 lifts with a maximum lift height of 10 meters (based on type of equipment that may be used to carry out extraction).

Excavation may be undertaken with front end loaders and / or excavators.

Pit faces shall be in compliance with the regulations administered by the Ministry of Labour.

EQUIPMENT TO BE USED ON SITE
General types of equipment to be used in the operation of the pit will include (but not be limited to) bulldozers, excavators, front-end loaders, dump trucks and portable crushing / screening plants (crushing / screening equipment and conveyors). The licensee shall ensure that, if required, processing equipment used has the appropriate Environmental Compliance Approval / Certificate of Approval (under regulations governed by the Ministry of the Environment).

Any construction equipment used to prepare the site, such as bulldozers, excavators, etc. must comply with MOE publication NPC-115.

MAXIMUM TONNAGE OF MATERIAL TO BE REMOVED FROM THE LICENSED PROPERTY
A maximum of 600,000 tonnes of aggregate may be removed from the site in any given year.

Upon issuance of the Aggregate Licence for this pit site a note / condition shall be added onto the Operational Site Plan for the Teedon Pit (Aggregate Licence #3670) placing a maximum of 600,000 tonnes of aggregate that can be transported from the Teedon Pit property onto Darby Road. This tonnage condition includes all aggregate being removed from this pit property (Sibthorpe Pit) and the Teedon Pit property (Aggregate Licence #3670). This condition will also be added to the licence.

FUEL HANDLING / STORAGE AND SERVICING
Depending on area contracts / projects, portable fuel tanks may be placed on site (on the pit floor) from time to time, to be used for fueling of equipment on site. Fuel and lubricants may be stored on site. Fuel storage shall be in compliance with the appropriate regulations.

Equipment used on site may be serviced on site. Servicing of equipment may take place at any time with no restricted hours.

BUILDINGS / STRUCTURES
No buildings or other structures (i.e. weigh scales) will be placed on the licensed property.

SCRAP
No scrap shall be placed on the licensed property.

STOCKPILING OF ONSITE TOPSOIL / OVERBURDEN
Topsoil and overburden will be stripped in advance of aggregate extraction, placed in stockpiles within the area of extraction (temporarily or until used for direct site rehabilitation) and placed in berm locations as identified on this site plan. The earth berms will be a maximum of 15 meters in height and sloped at 2:1, placed 3 meters back from the licensed area boundary. Stockpiles of topsoil / overburden may be placed up to 3 meters from the north and east licensed area boundaries, up to the south licensed area boundary and a minimum of 30 meters from the west licensed area boundary. All top soil and overburden will be used on site for progressive / final rehabilitation.

PROCESSING / STOCKPILING OF AGGREGATE
Portable crushing and screening plants (processing operations) will be operated on the licensed property periodically. The plants will be equipped with dust suppressing devices (water spray bars) and have appropriate Certificates of Approval as required under Provincial regulations. Processing operations will be located as close as possible to active pit faces. Stockpiles of aggregate will follow extractive / processing operations and be placed on the active pit floor as close as possible to active faces. Some aggregate may be removed from the pit faces and trucked off site directly to job sites or market.

HOURS OF OPERATION
Hours of operation are limited to 6:00 A.M. to 7:00 P.M. (Monday to Friday) and 7:00 A.M. to 12:00 P.M. on Saturdays. Crushing and screening (processing) is limited to Monday to Friday (7:00 A.M. To 7:00 P.M.). No pit operations will occur on Sundays.

EROSION / SEDIMENT CONTROL
Erosion and sediment control (silt fencing, stone silt control barriers etc.) will be undertaken at the time pit operations require implementation to ensure that any surface water runoff from disturbed area does not carry silt off of the disturbed area on the seasonal surface water drainage course identified on this site plan.

IMPORTED MATERIALS

A) Reclaimed asphalt, reclaimed concrete, processed aggregate and topsoil / fill may be imported onto the Licensed property for transfer or processing. Storage of these materials will be temporary as the material will be sold and / or used for construction projects.

Recycling of asphalt and reclaimed concrete is permitted on this site.

Recyclable asphalt materials will not be stockpiled within 30 meters of any water body or man made pond and must be at least 2 meters above the surface of the established water table.

Any rebar and other structural metal must be removed from the recycled material during processing and placed in a designated scrap pile on site which will be removed on an on-going basis.

Removal of recycled aggregate and other imported materials as mentioned above is to be on-going.

Once the aggregate on site has been depleted there will be no further importation of material not used for rehabilitation.

Once final rehabilitation has been completed and approved in accordance with the site plan, all importation and recycling operations must cease.

Clean topsoil / fill brought onto the site for transfer or processing shall be tested at the source before it is deposited on site, to ensure that the material meets the Ministry of the Environment's criteria under Table 1 of the Ministry of the Environment's Soils, Ground Water and Sediment Standards for use under Part XV.1 of the Environmental Protection Act. Sampling results will be provided to The Ministry of Natural Resources and / or The Ministry of the Environment upon request.

Notwithstanding Condition 1, where the imported material is not being placed within 1.5 meters of the surface, the criteria under Table 1 for Sodium Absorption Ratio and Electrical Conductivity do not have to be met.

B) Pit run and / or processed aggregate may be imported onto the licensed property, stockpiled and used for blending, processing or transfer purposes.

C) Clean inert fill may be imported to facilitate the establishment of 3:1 (horizontal:vertical) slopes on the final pit faces. The Licensee must ensure that the material is tested at the source, before it is deposited on site, to ensure that the material meets the Ministry of the Environment's criteria under Table 1 of the Ministry of the Environment's Soils, Ground Water and Sediment Standards for use under Part XV.1 of the Environmental Protection Act. Sampling results will be provided to The Ministry of Natural Resources and / or The Ministry of the Environment upon request.

Notwithstanding the above (B), where the imported material is not being placed within 1.5 meters of the surface, the criteria under Table 1 for Sodium Absorption Ratio and Electrical Conductivity do not have to be met.

SCREENING OF SITE
The residents to the east will be screened with a natural forested area located on unlicensed property owned by the licensee. The area to the west of the licensed property will be screened by a natural forested area. The area to the north of the quarry is well forested with no nearby residences.

NOISE MITIGATION MEASURES
1. As extraction proceeds westward and eastward in Phases 1 and 2, face ridges on each lift (approximately 10 meters in height) shall be maintained at the east and west natural limits until total extraction is completed to the required face ridges at these limits. Detail on face ridging is illustrated on Extraction Procedures cross sections on Sheet 5 of these site plans.

2. During crushing operations in the Phase 3 area, 5 meter high earth berms are to be constructed along the north and south boundaries (see locations on this site plan) of the licensed property (3 meter setback from boundaries adjacent to land not owned by licensee), extending 50 meters ahead of the working face, and remaining in place for 50 meters behind the working face, such that the line between the portable crushing plant and any nearby points of reception is obstructed by a 100 meter length of earth berm.

3. Prior to mining of the final 150 meters from the eastern licensed area boundary in Phase 3, a 10 meter high earth berm is to be constructed along the length of the eastern licensed area boundary (see location on this site plan). The berm will taper off at 2:1 slopes to match the aforementioned 5 meter high berms (see note #2 above), along the north and south licensed area boundaries.

4. The crushing plant is to be situated within 30 meters of the working pit face in the Phase 3 area, in order to maximize sound attenuation.

5. A maximum of three (3) loaders will be permitted to operate in conjunction with crushing operations being undertaken within the Phase 3 area.

6. If berm construction in the Phase 3 area is not viable, a single screening plant could operate along with a maximum of two (2) loaders, provided the plant is situated a minimum of 170 meters from the east limit of extraction (licensed area boundary).

7. Given the close proximity of Phase 3 to controlling receptors, equipment sound levels must be measured and confirmed within acceptable limits prior to the extraction of the Phase 3 area.

8. It is the obligation of the licensee to maintain noise levels to within allowable and acceptable limits.

9. The licensee must respond to objections / concerns from the residents or the Ministry of the Environment relating to noise. If deemed appropriate by the Ministry of the Environment further mitigation measures and monitoring of noise shall be implemented.

10. Should it be determined that noise violations under the Environmental Protection Act are occurring from pit operations, pit operations relating to the noise impact shall cease and the operator shall implement further mitigation measures to be determined by a noise study. Operations relating to the noise impact may again commence upon written clearance from the Ministry of the Environment.

MINING / EXTRACTION SEQUENCE (phasing of extraction / progressive rehabilitation)
The pit will be excavated, operated and rehabilitated using a 3 phase concept. Phases 1 and 2 may be operated on concurrently and Phases 1 and 3 may be operated on concurrently after complete rehabilitation of the Phase 2 area. Phase boundaries will be clearly marked with steel t-bar painted orange. No more than 50% of total licensed area (21.3 hectares) will be disturbed at any given time.

PHASE 1 (12.7 hectares)
Aggregate extraction will commence along the south licensed area boundary adjacent to the Teedon pit property (see location on site plan) and proceed northward, westward and eastward. Aggregate may be extracted concurrently in multiple lifts with lift heights and direction of extraction varying based on quality and location of aggregate required.

As limits of extraction are reached on each lift minimum 3:1 sloping will be undertaken through cut and fill and / or infilling with on site unmarketable materials. Progressive slope rehabilitation on each lift will be completed dependent on the area of pit floor required for extraction, processing, stockpiling and haulage access. Slopes will be graded, topsoil applied, seeded and planted with tree species as identified in the Tree Planting Agreement made with the Township of Tiny.

As the final pit floor is reached progressive rehabilitation of the pit floor will be undertaken dependent on the area of pit floor required for extraction, processing, stockpiling and haulage access. The final pit floor will be graded, top soil applied, seeded and planted with trees as noted above.

Site rehabilitation will be monitored and measures undertaken as required (e.g. grading of eroded areas, additional seeding and replacement tree planting)

PHASE 2 (10.6 hectares)
Aggregate extraction will commence along the east phase boundary and proceed westward to the limit of extraction. Extraction and progressive rehabilitation will be undertaken as identified in Phase 1.

PHASE 3 (6.7 hectares)
Prior to extraction proceeding into Phase 3, all of the Phase 2 area (10.6 hectares) shall be rehabilitated. Aggregate extraction and progressive rehabilitation will be undertaken as identified in Phase 1. Upon complete extraction of the Phase 3 area the total disturbed area within the licensed property will be completely rehabilitated within 2 years thereafter.

SPILLS RESPONSE PLAN
All employees and contractors must obey the following instructions when handling potential contaminants on the licensed property. Failure to comply with the following may result in the immediate dismissal of such employee.

All employees and contractors handling fuel and / or potential contaminants will be instructed as to the proper, safe handling of such fuels / contaminants.

Potential contaminants, i.e. fuel, will be stored and handled as required by Provincial legislation.

All spills or release of contaminants must be cleaned up immediately and transported to an approved waste disposal site by a licensed hauler. Any spill must be immediately contained to prevent further spread, i.e. excavate and contain oil soaked material in a loader bucket until disposal can be arranged.

All spills or release of contaminants must be immediately reported to the Ministry of the Environment Spills Action Center by telephone at 1-800-268-6060.

Employees and contractors working on site will be informed and required to comply with this plan.

OVERRIDE OF REGULATIONS
The following conditions / notes vary from the Provincial Standards that apply to aggregate licences -5.1, 5.2, 5.10.1 & 5.13.1

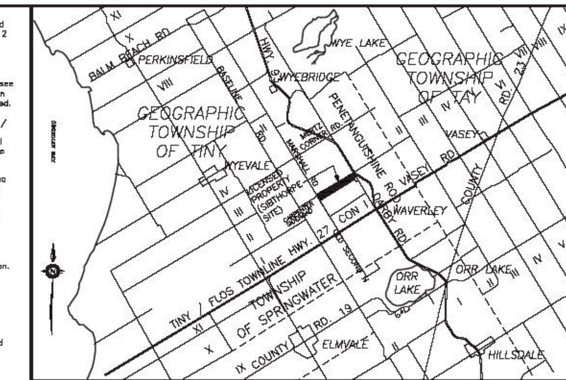
5.1 (fencing) - The south licensed area boundary will not be fenced as the lands to the south are owned and licensed (Lic. # 3670 -Teedon Pit) under the Aggregate Resources Act to Cedarhurst Quarries & Crushing Limited. The north and west licensed area boundaries will not be fenced due to the large forested area which abuts the licensed area boundaries. All unfenced licensed area boundaries will be clearly marked as per site notes on this site plan.

5.2 (gate) - The entrance onto the licensed property from the Teedon Pit property will not be gated as the entrance onto the Teedon pit property (owned by Cedarhurst Quarries & Crushing Limited) from Darby Road is gated.

5.10.1(excavation setback) -No excavation setback will exist along the south licensed area boundary as the property to the south is owned and licensed (Lic. #3670 Teedon Pit) under the Aggregate Resources Act to Cedarhurst Quarries & Crushing Limited. The final pit floor elevation along the common boundary of the two licensed properties will be the same.

No excavation setback will exist along the east licensed area boundary as the adjacent property is under the same ownership as the licensed property (K.J. Beamish Construction Co. Limited).

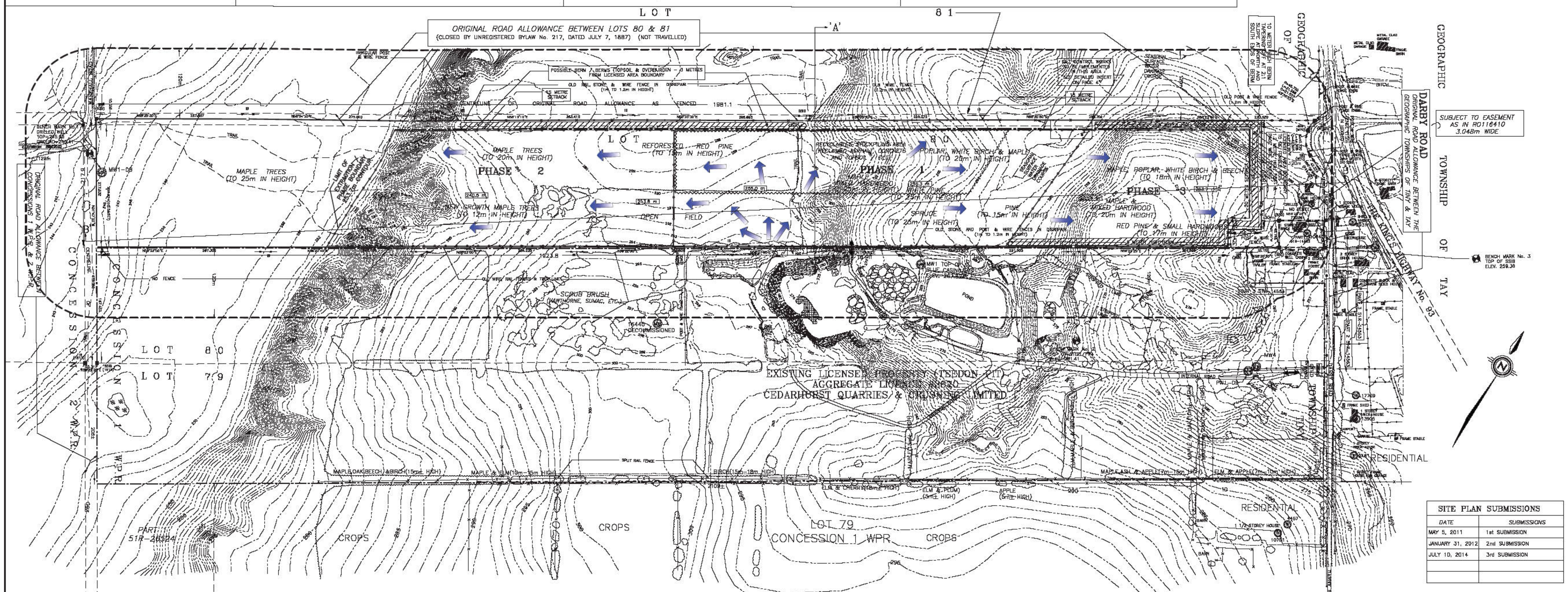
5. 13.1(stockpiles) -No setback will exist along the south licensed area boundary for stockpiling as the property to the south is owned and licensed (Lic. #3670 -Teedon Pit) under the Aggregate Resources Act to Cedarhurst Quarries & Crushing Limited.



KEY PLAN – SCALE 1:125,000

LEGEND

Symbol	Meaning
	LICENSED AREA BOUNDARY (SIBTHORPE PIT PROPERTY)
	LICENSED AREA BOUNDARY (AGGREGATE LICENCE #3670 – TEEDON PIT)
	INTERNAL ROAD
BM	BENCH MARK
	FENCE
	LOT LINE
	BOUNDARY OF OTHER LAND OWNED BY LICENSEE
	EXISTING FENCE
	LIMIT OF 120m INFORMATION ZONE
	BOUNDARY OF RECYCLABLES STOCKPIING AREA
	DRILLED WELL
ENTRANCE /EXIT	EXISTING ENTRANCE / EXIT
	EXISTING ENTRANCE/EXIT TO EXISTING PIT
239.0 m	FINAL PIT FLOOR ELEVATION
	PHASE LIMIT
	INTERNAL ROAD
'A' 'A'	CROSS-SECTION
	CONTOUR LINES
	BUSH LINE
	GATE
	FACE OF PIT
	LIMIT OF EXTRACTION
	POSSIBLE BERM / BERMS (TOPSOIL & OVERBURDEN) 3 METRES FROM LICENSED AREA BOUNDARY
	EXISTING BUILDING
	GENERAL DIRECTION OF EXTRACTION
	HYDRO POLE
	HYDRO POLE LINE
	MONITORING WELL



SITE PLAN SUBMISSIONS

DATE	SUBMISSIONS
MAY 5, 2011	1st SUBMISSION
JANUARY 31, 2012	2nd SUBMISSION
JULY 10, 2014	3rd SUBMISSION

THIS SITE PLAN IS PREPARED UNDER THE AGGREGATE RESOURCES ACT FOR AN AGGREGATE LICENCE, CATEGORY 3, CLASS "A" PIT ABOVE THE WATER TABLE

SITE PLAN AMENDMENTS

NO.	DATE	DESCRIPTION	APPROVED (INITIALS MNR OFFICIAL)	DATE APPROVED

I ACKNOWLEDGE AND SHALL CARRY ON THE OPERATION OF THIS SITE IN ACCORDANCE WITH THE SITE PLAN UPON WHICH MY PERMIT IS BASED.

ROBERT GRAHAM, SENIOR VICE-PRESIDENT
K.J. BEAMISH CONSTRUCTION CO. LTD.

DATE

ASSOCIATION OF ONTARIO LAND SURVEYORS
J.C. STATON
1570

SITE PLANS APPROVED BY:

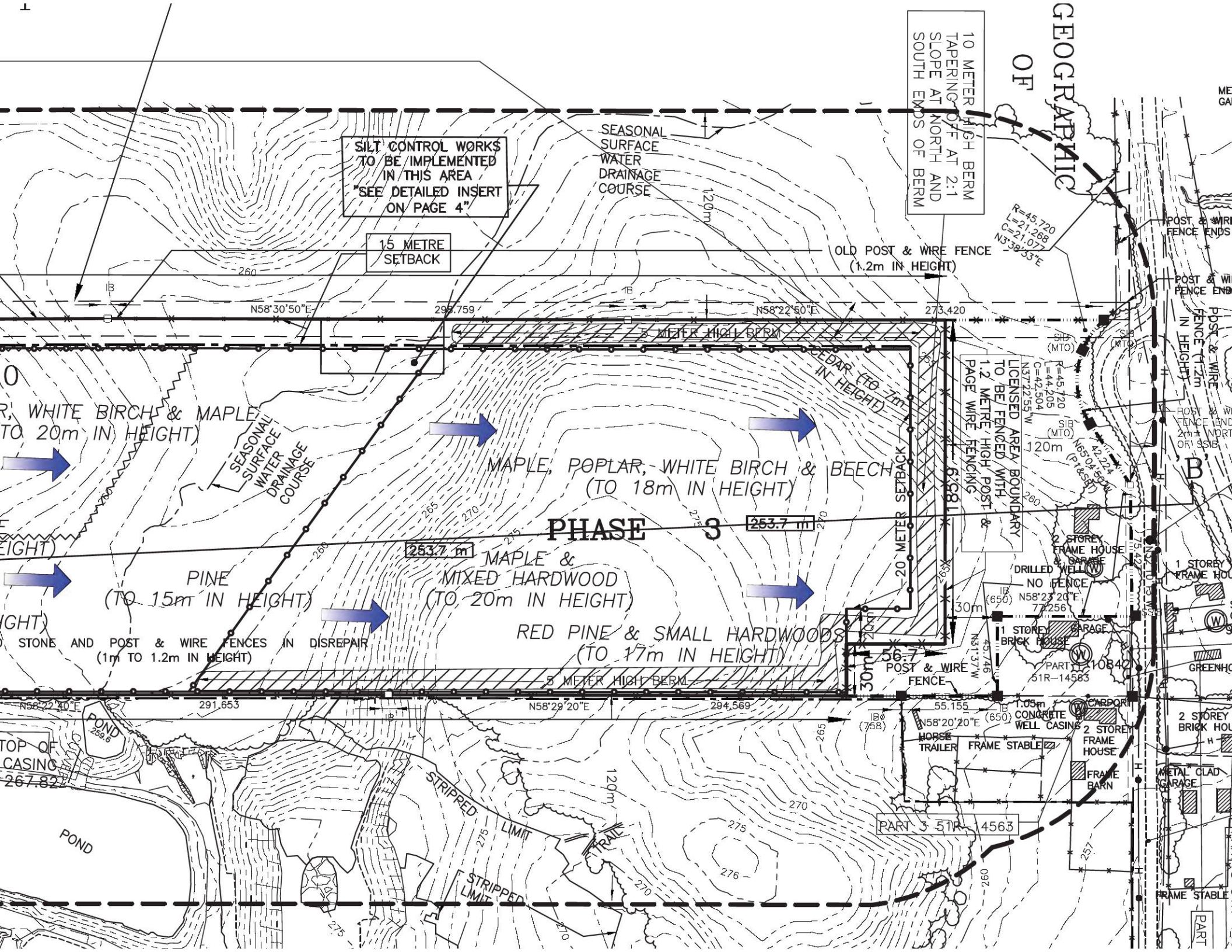
MINISTRY OF NATURAL RESOURCES — DATE

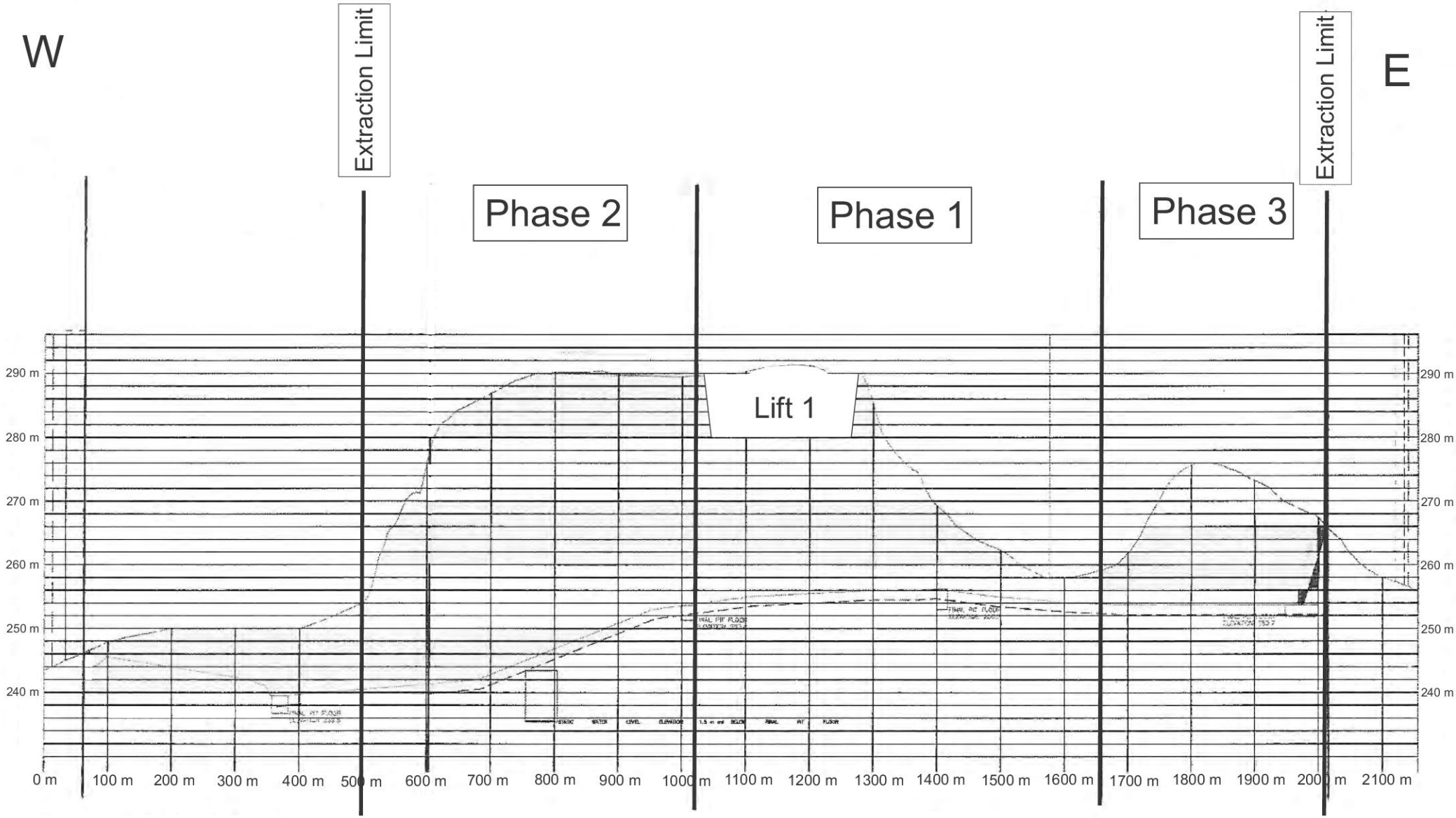
PLAN PREPARED BY

J. C. STATON O.L.S., C.L.S. — DATE

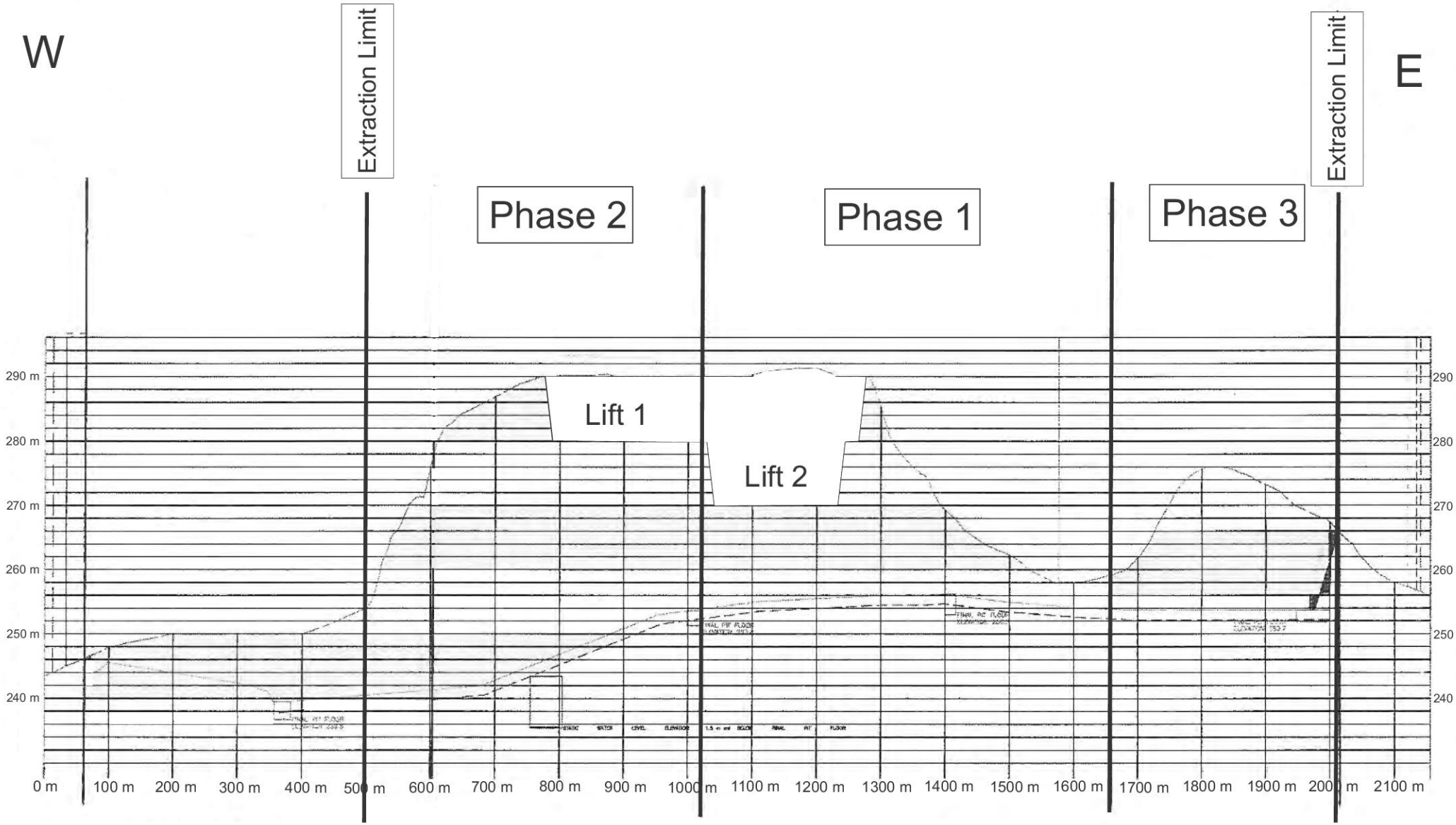
C.T. STRONGMAN SURVEYING LTD.
Ontario Land Surveyors
4145 Burnside Line
R.R. No. 4, Orillia, L3V-6H4
Telephone (705) 329-0765
Fax (705) 329-0424
email- info@ctsaurvey.ca
ORILLIA – ONTARIO

AC14 File:7700 JUNE 2014-2 | R-185-2

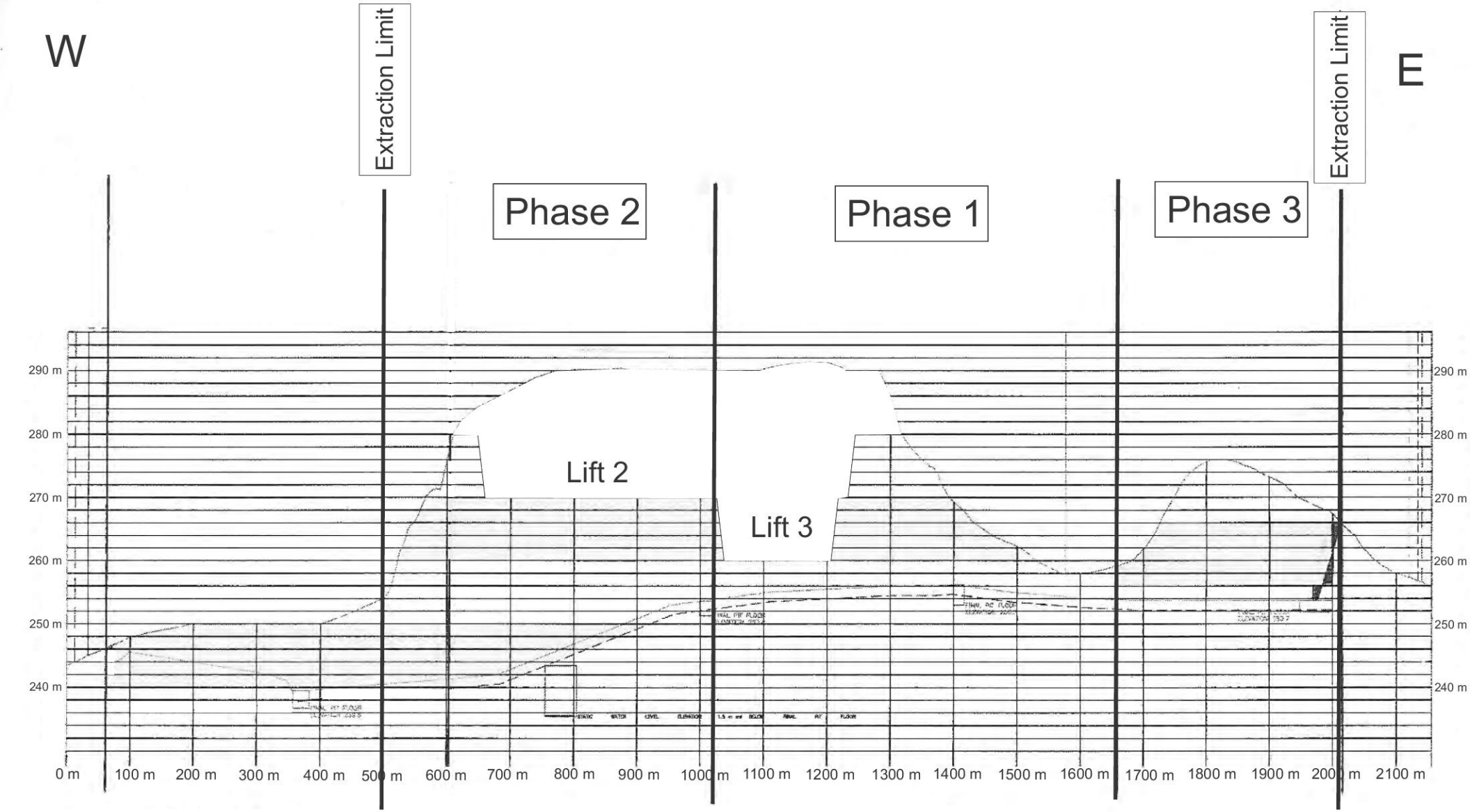

SILT CONTROL WORKS TO BE IMPLEMENTED IN THIS AREA "SEE DETAILED INSERT ON PAGE 4"
SEASONAL SURFACE WATER DRAINAGE COURSE
10 METER HIGH BERM TAPERING OFF AT 2:1 SLOPE AT NORTH AND SOUTH ENDS OF BERM
15 METRE SETBACK
OLD POST & WIRE FENCE (1.2m IN HEIGHT)
N58°30'50"E
298.759
N58°22'50"E
273.420
5 METER HIGH BERM
CEDAR (TO 7m IN HEIGHT)
LICENSED AREA BOUNDARY TO BE FENCED WITH 1.2 METRE HIGH POST & PAGE WIRE FENCING
20 METER SETBACK
MAPLE, POPLAR, WHITE BIRCH & BEECH (TO 18m IN HEIGHT)
PHASE 3
253.7 m
MAPLE & MIXED HARDWOOD (TO 20m IN HEIGHT)
PINE (TO 15m IN HEIGHT)
RED PINE & SMALL HARDWOODS (TO 17m IN HEIGHT)
STONE AND POST & WIRE FENCES IN DISREPAIR (1m TO 1.2m IN HEIGHT)
POST & WIRE FENCE
N58°22'40"E
291.653
N58°29'20"E
294.569
POND
TOP OF CASING 267.82
STRIPPED LIMIT
TRAIL
2 STOREY FRAME HOUSE & GARAGE
DRILLED WELL
NO FENCE
N58°23'20"E
77.256
1 STOREY BRICK HOUSE
GARAGE
PART 1 51R-10842
PART 2 51R-14563
1.05m CONCRETE WELL CASING
CARPORT
2 STOREY FRAME HOUSE
HORSE TRAILER
FRAME STABLE
FRAME BARN
METAL CLAD GARAGE
2 STOREY BRICK HOUSE
GREENHOUSE
POST & WIRE FENCE ENDS
POST & WIRE FENCE (1.2m IN HEIGHT)
SIB (MTO)
N65°04'50"W
42.224
N31°37'W
45.746
N58°20'20"E
55.155
N37°22'55"W
R=45.720
L=44.205
C=42.504
R=45.720
L=21.268
C=21.077
N3°38'53"E



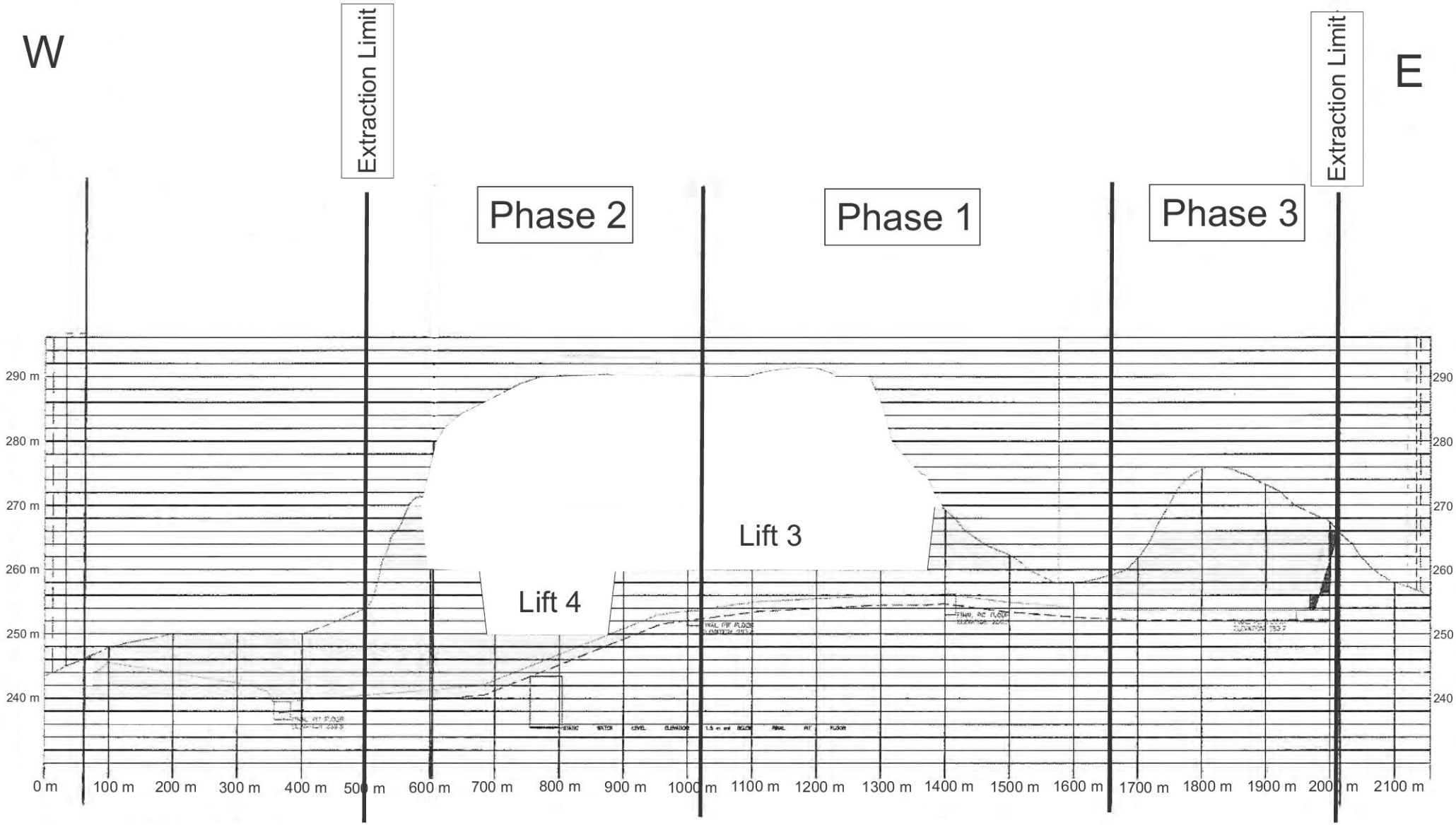
Extraction Procedures Cross Section 1



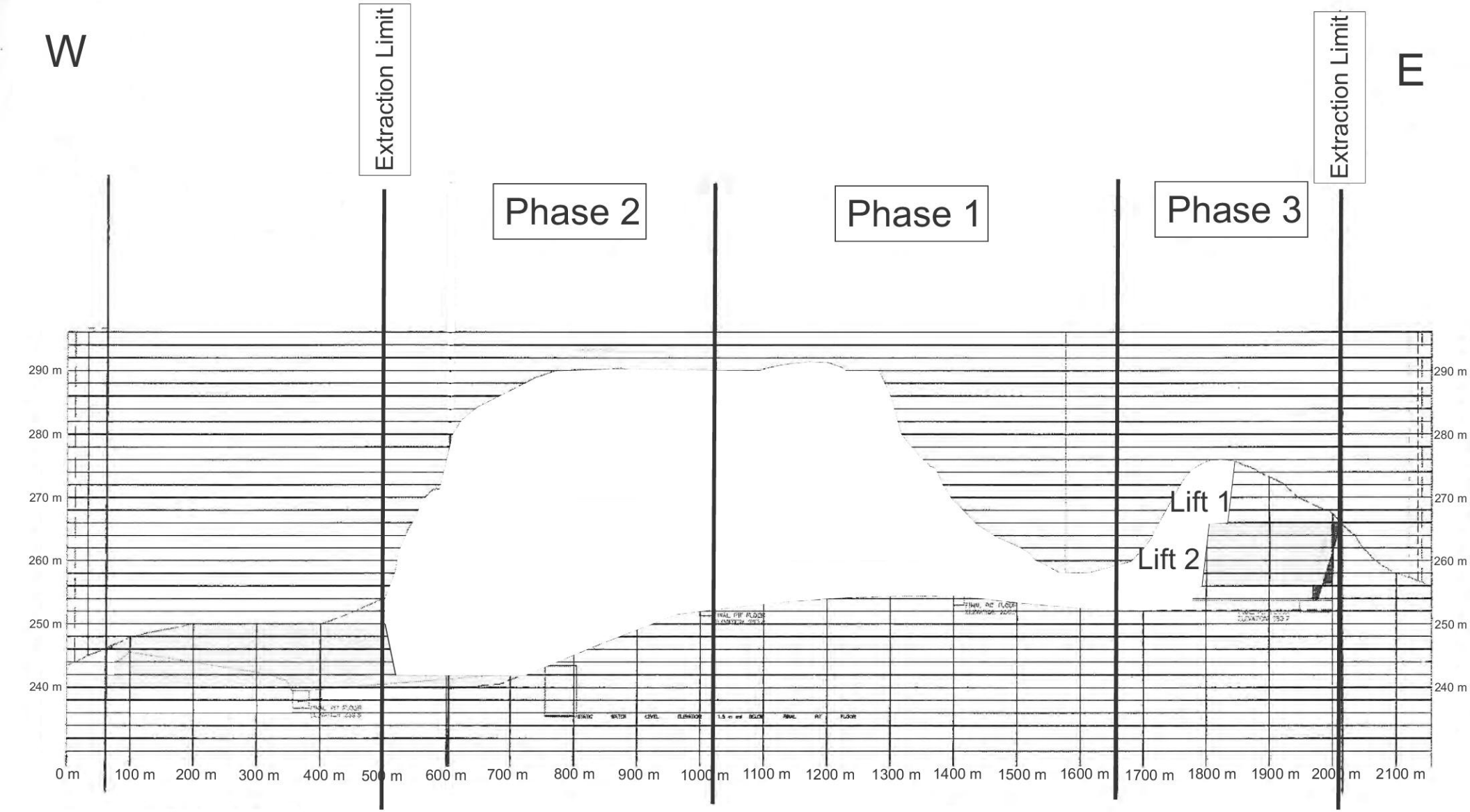
Extraction Procedures Cross Section 2



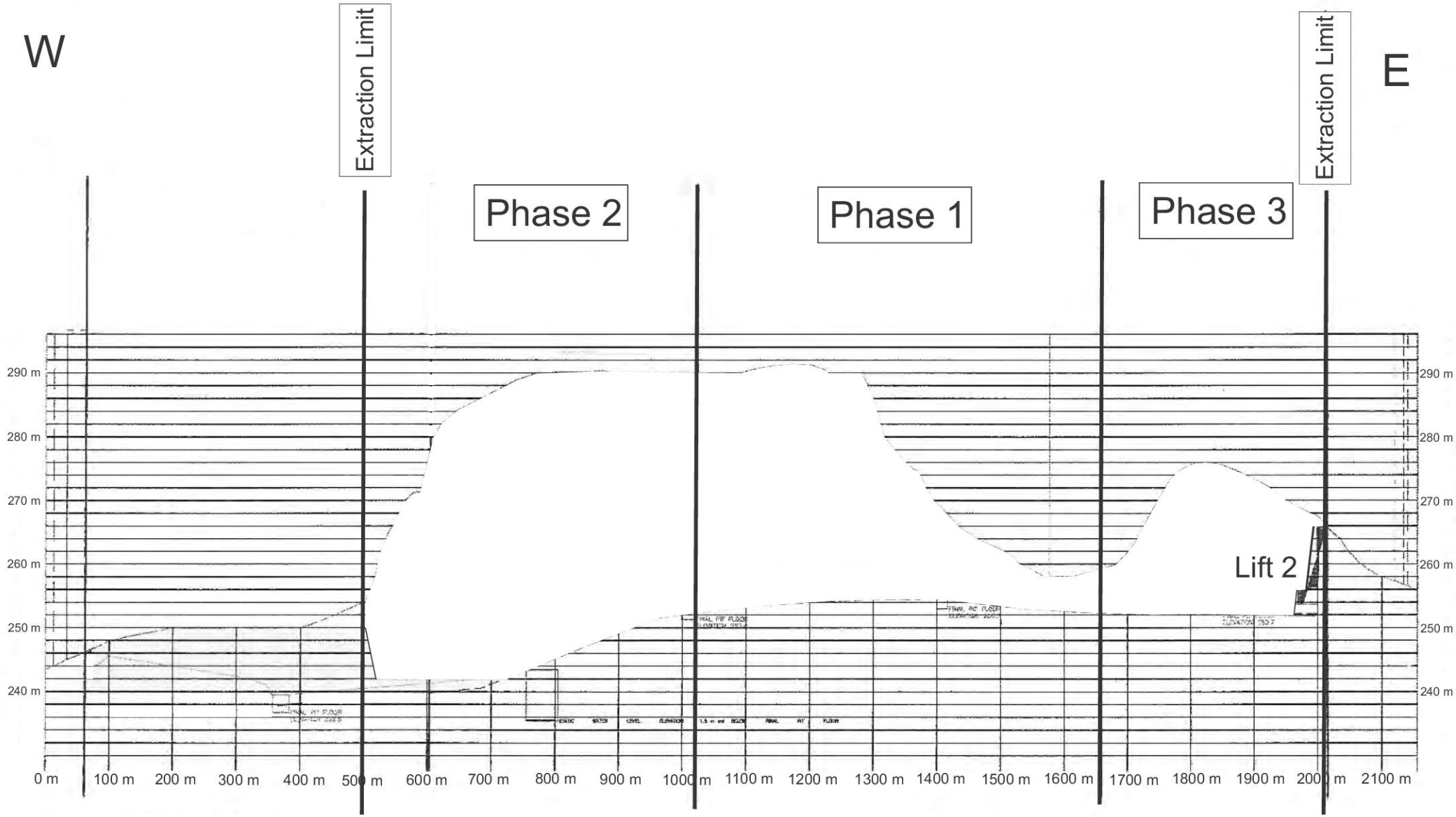
Extraction Procedures Cross Section 3



Extraction Procedures Cross Section 4



Extraction Procedures Cross Section 5



Extraction Procedures Cross Section 6

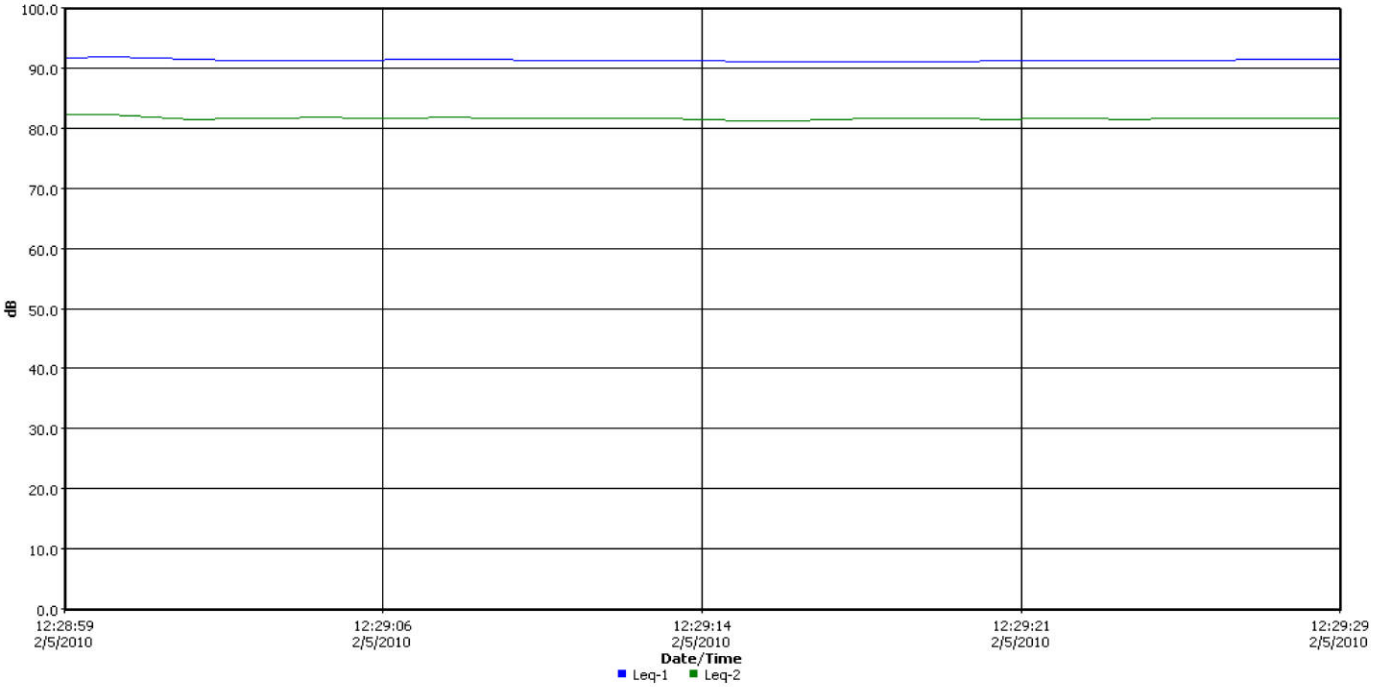
APPENDIX C
Sound Measurements

Primary Crusher @ 10m North

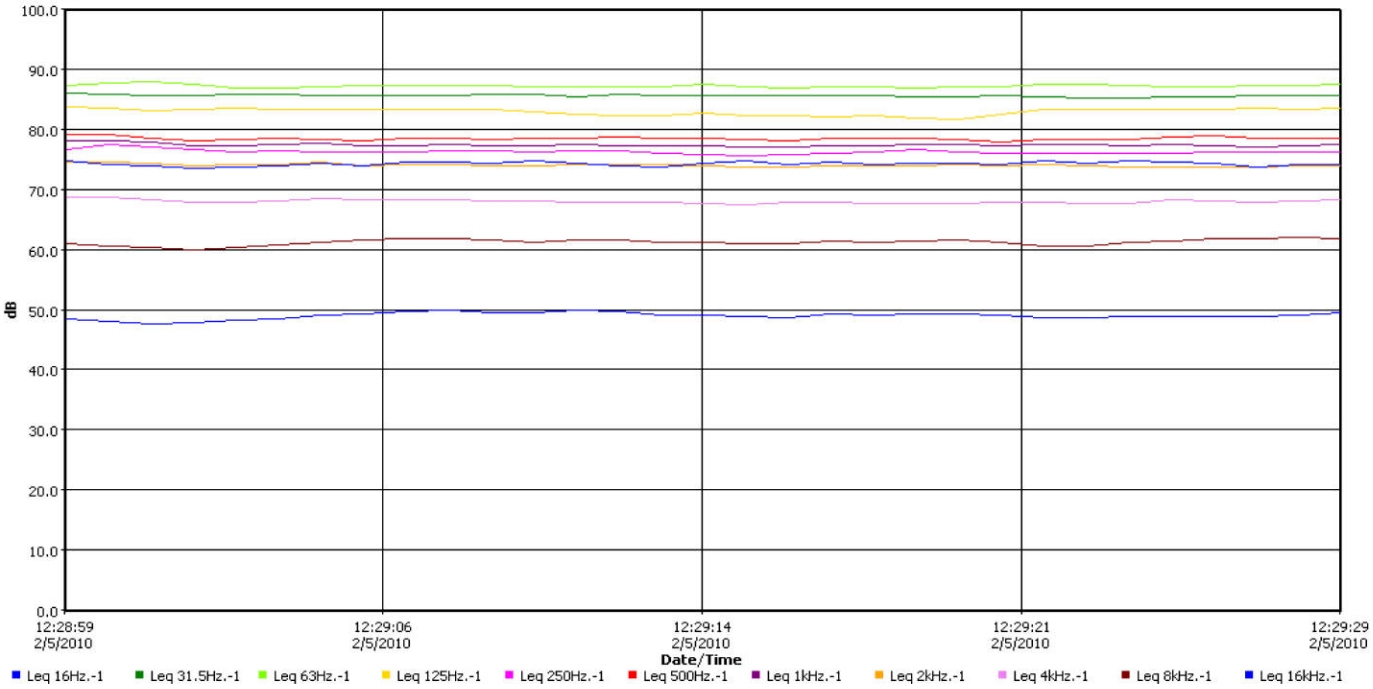
General Data Panel

Description	Meter/Sensor	Value	Description	Meter/Sensor	Value
Leq	1	91.4 dB	Leq	2	81.7 dB
Response	1	SLOW	Response	2	SLOW
Weighting	1	Z	Weighting	2	A

Logged Data Chart



Logged Data Chart

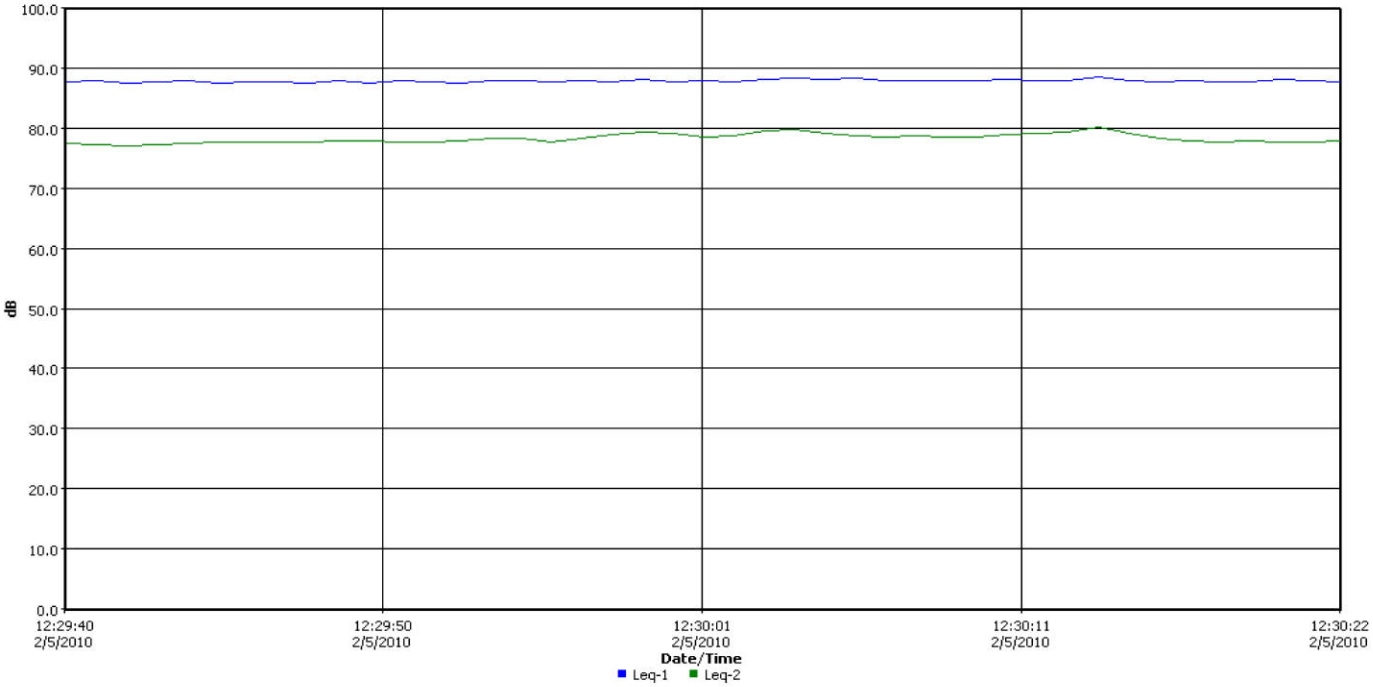


Primary Crusher @ 20m North

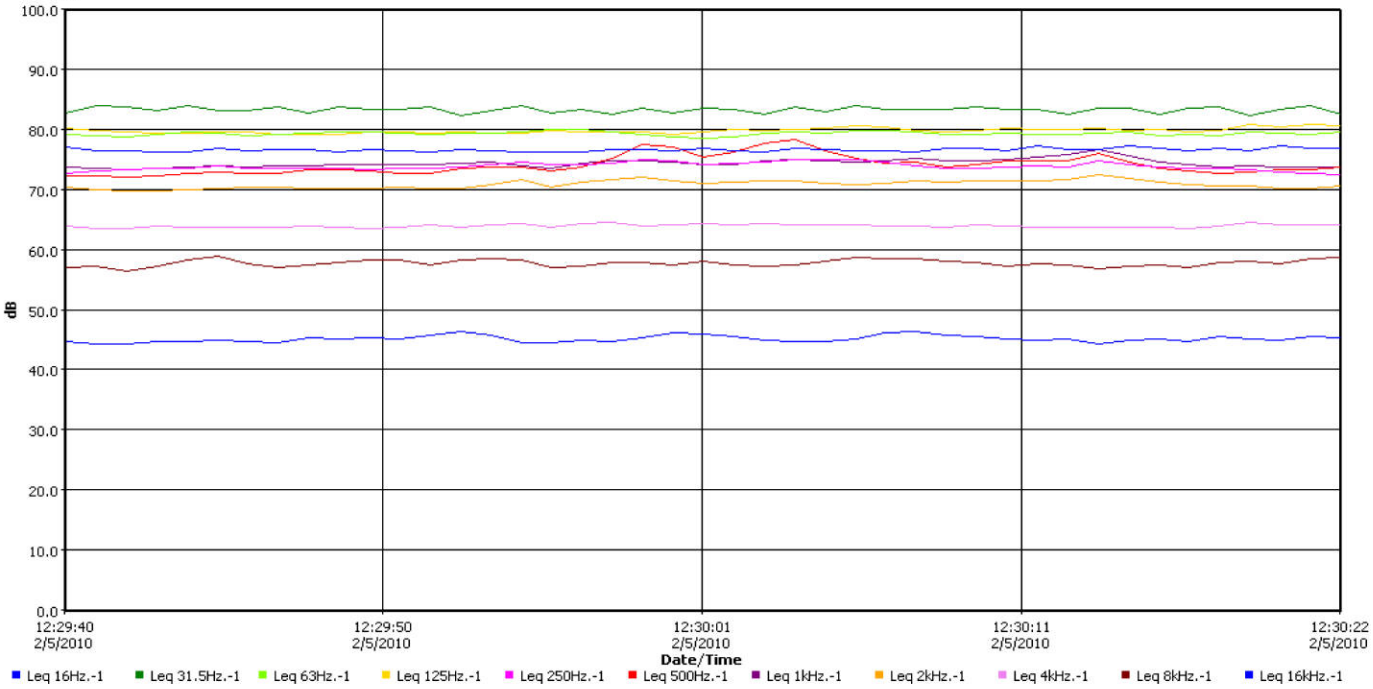
General Data Panel

Description	Meter/Sensor	Value	Description	Meter/Sensor	Value
Leq	1	87.9 dB	Leq	2	78.4 dB
Response	1	SLOW	Response	2	SLOW
Weighting	1	Z	Weighting	2	A

Logged Data Chart



Logged Data Chart

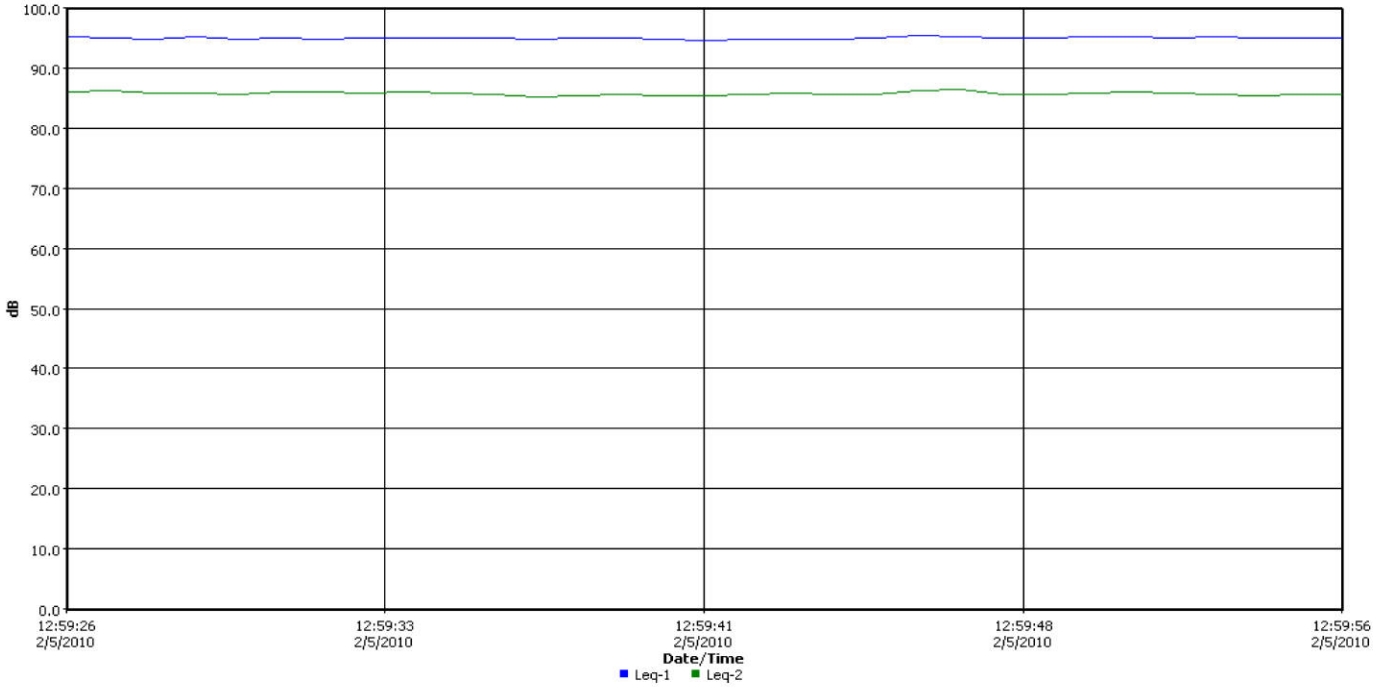


Primary Crusher @ 10m Northeast

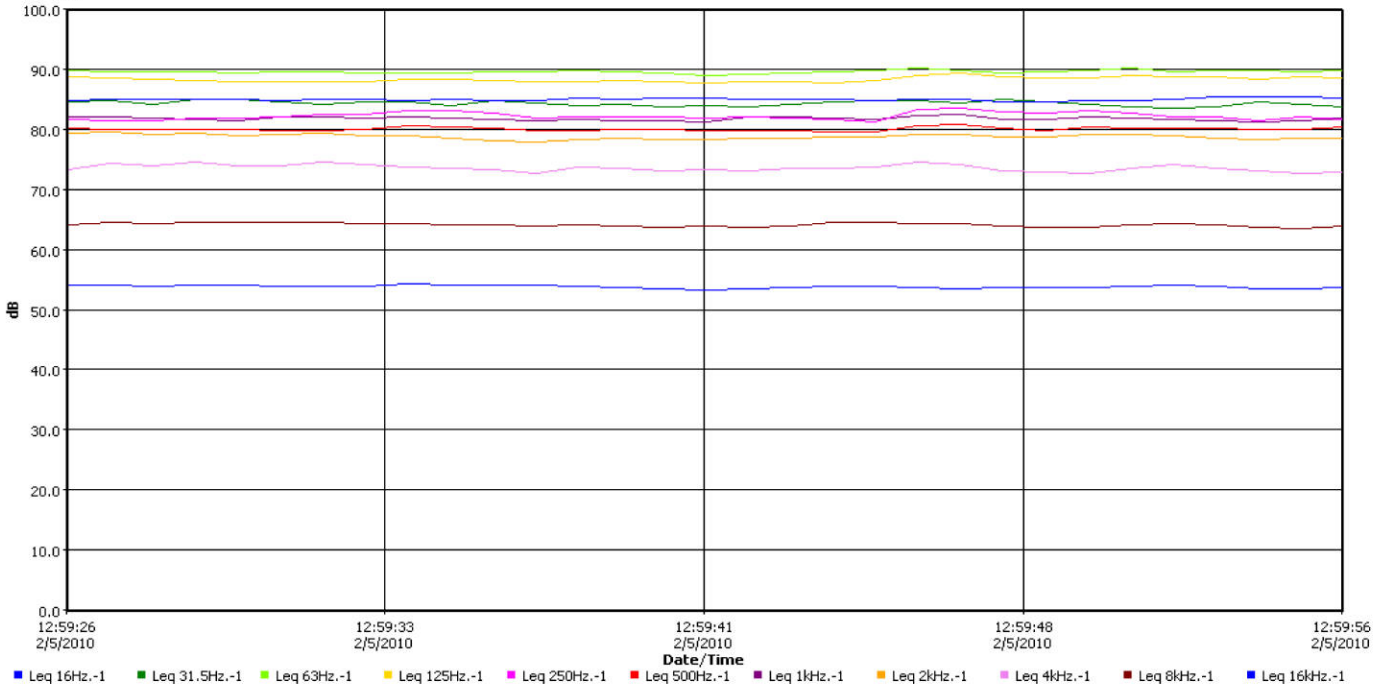
General Data Panel

Description	Meter/Sensor	Value	Description	Meter/Sensor	Value
Leq	1	95 dB	Leq	2	85.8 dB
Response	1	SLOW	Response	2	SLOW
Weighting	1	Z	Weighting	2	A

Logged Data Chart



Logged Data Chart

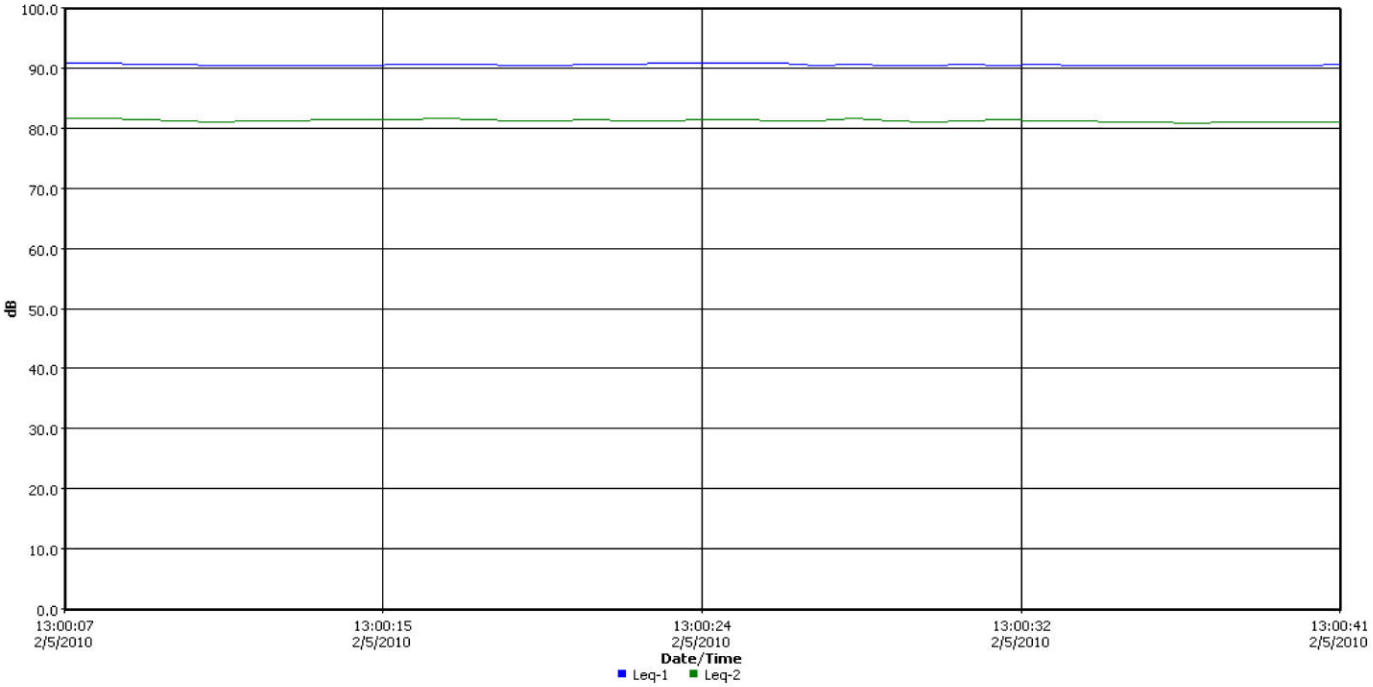


Primary Crusher @ 20m Northeast

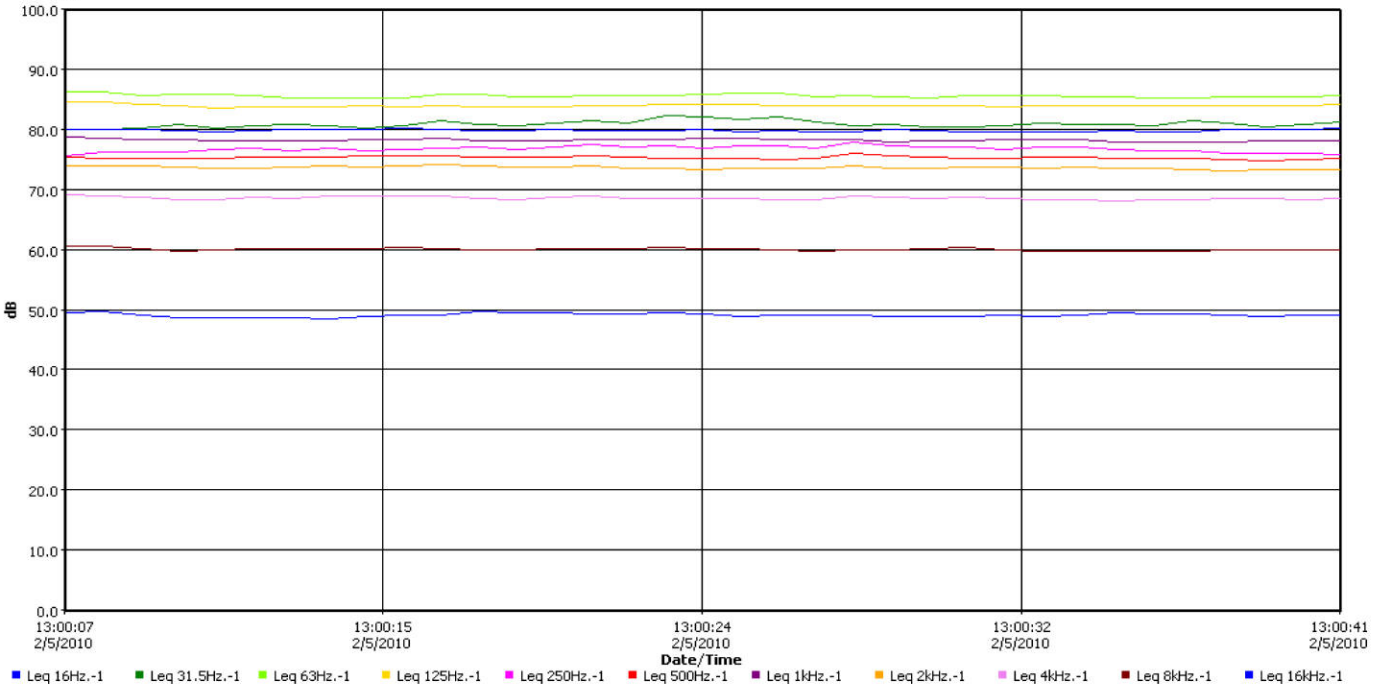
General Data Panel

Description	Meter/Sensor	Value	Description	Meter/Sensor	Value
Leq	1	90.6 dB	Leq	2	81.3 dB
Response	1	SLOW	Response	2	SLOW
Weighting	1	Z	Weighting	2	A

Logged Data Chart



Logged Data Chart

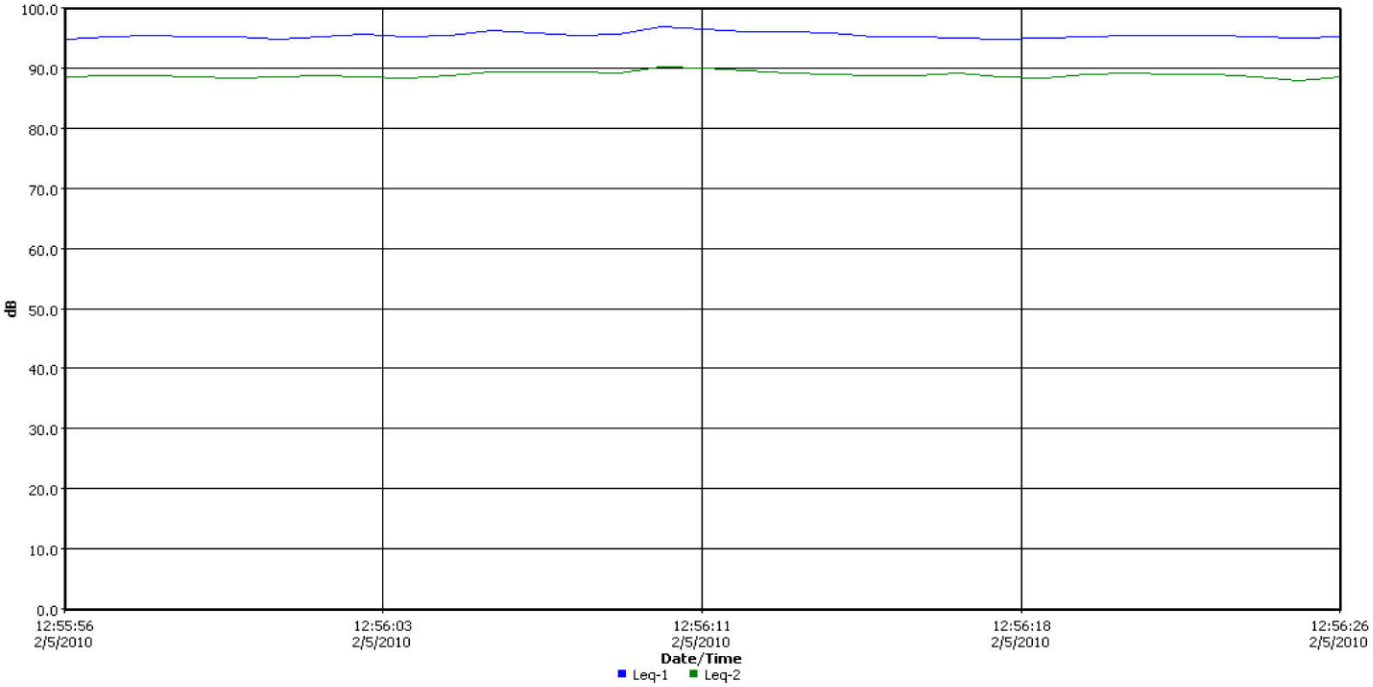


Primary Crusher @ 10m South

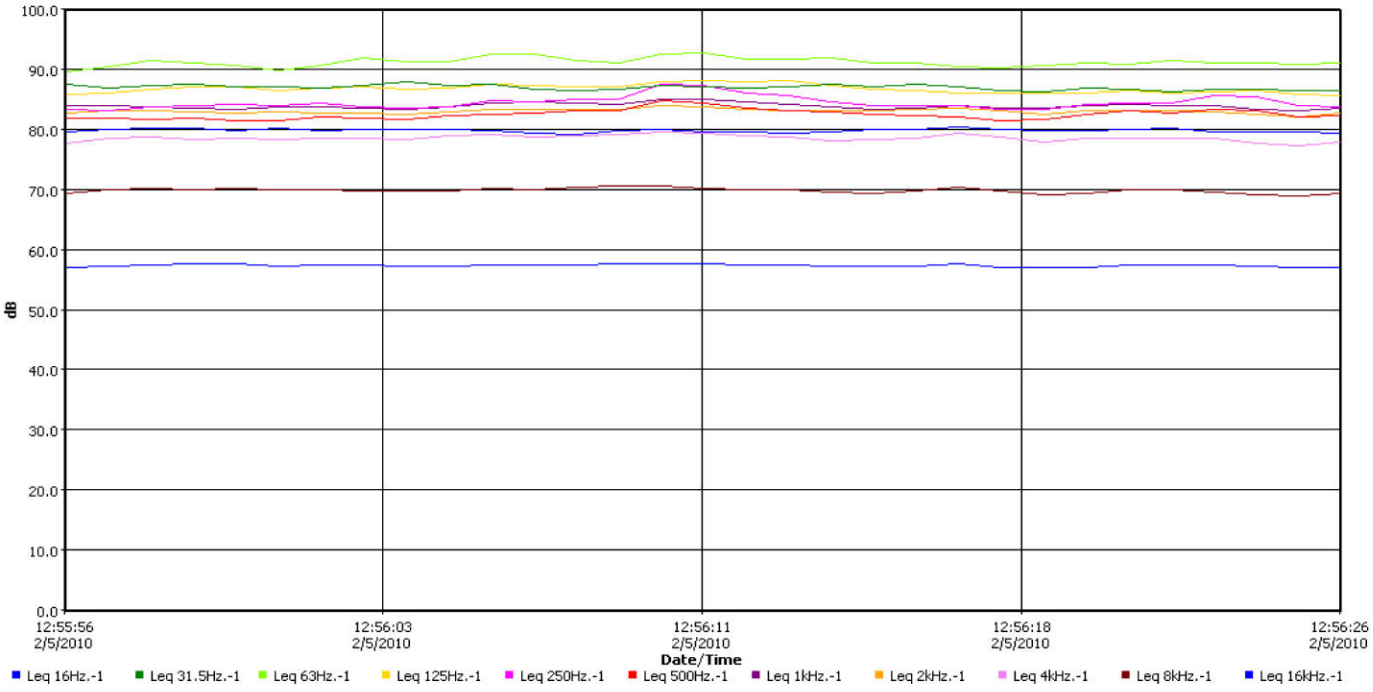
General Data Panel

Description	Meter/Sensor	Value	Description	Meter/Sensor	Value
Leq	1	95.5 dB	Leq	2	89 dB
Response	1	SLOW	Response	2	SLOW
Weighting	1	Z	Weighting	2	A

Logged Data Chart



Logged Data Chart

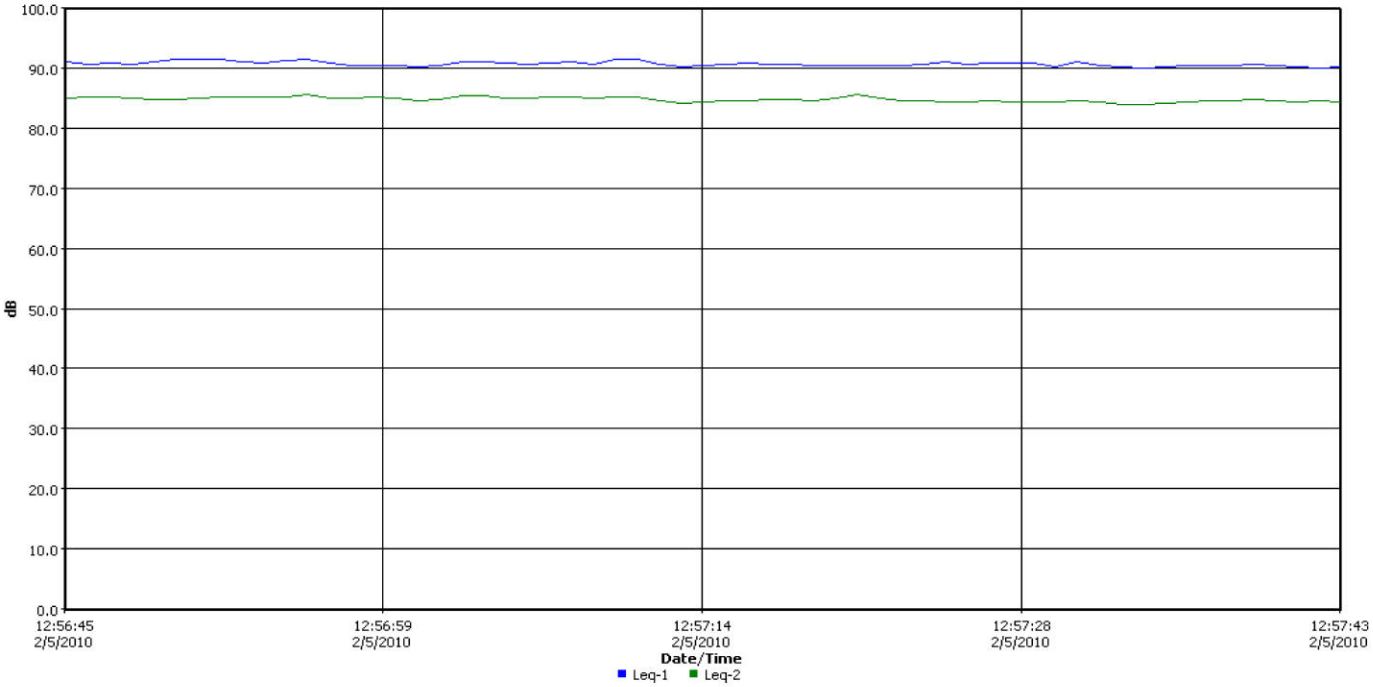


Primary Crusher @ 20m South

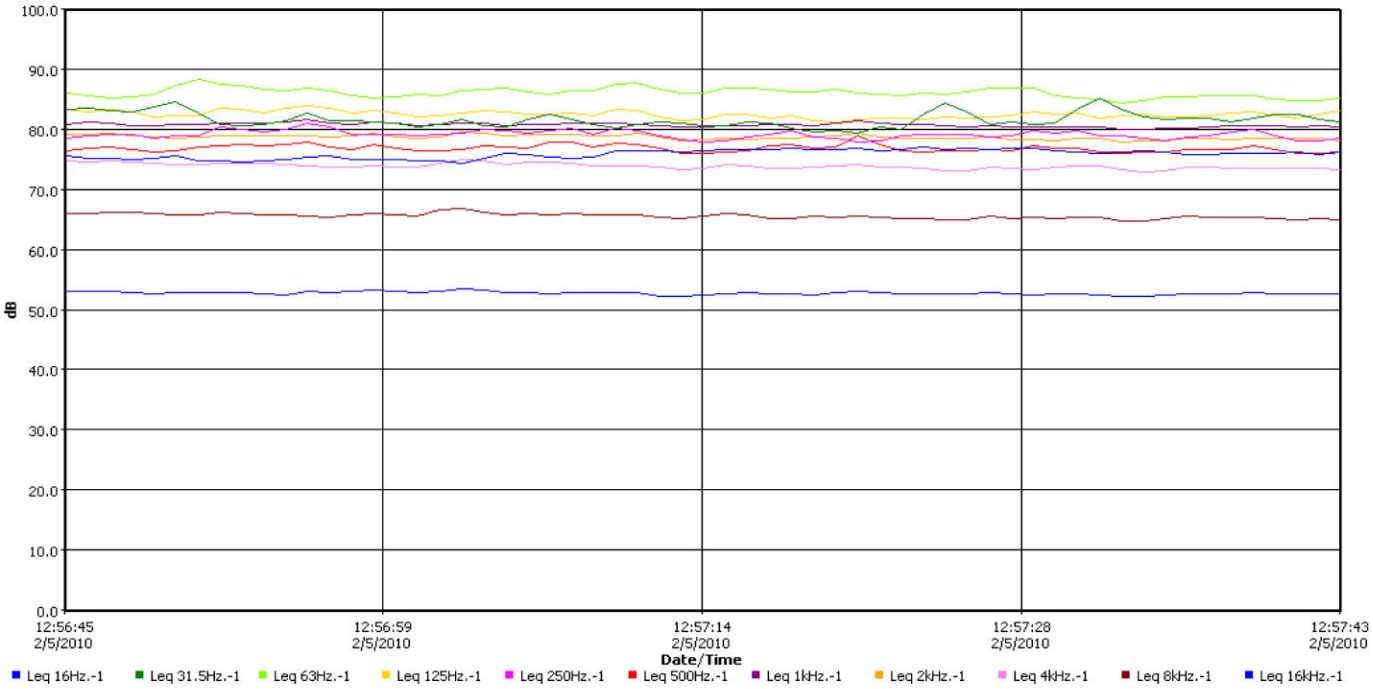
General Data Panel

Description	Meter/Sensor	Value	Description	Meter/Sensor	Value
Leq	1	90.7 dB	Leq	2	84.8 dB
Response	1	SLOW	Response	2	SLOW
Weighting	1	Z	Weighting	2	A

Logged Data Chart



Logged Data Chart

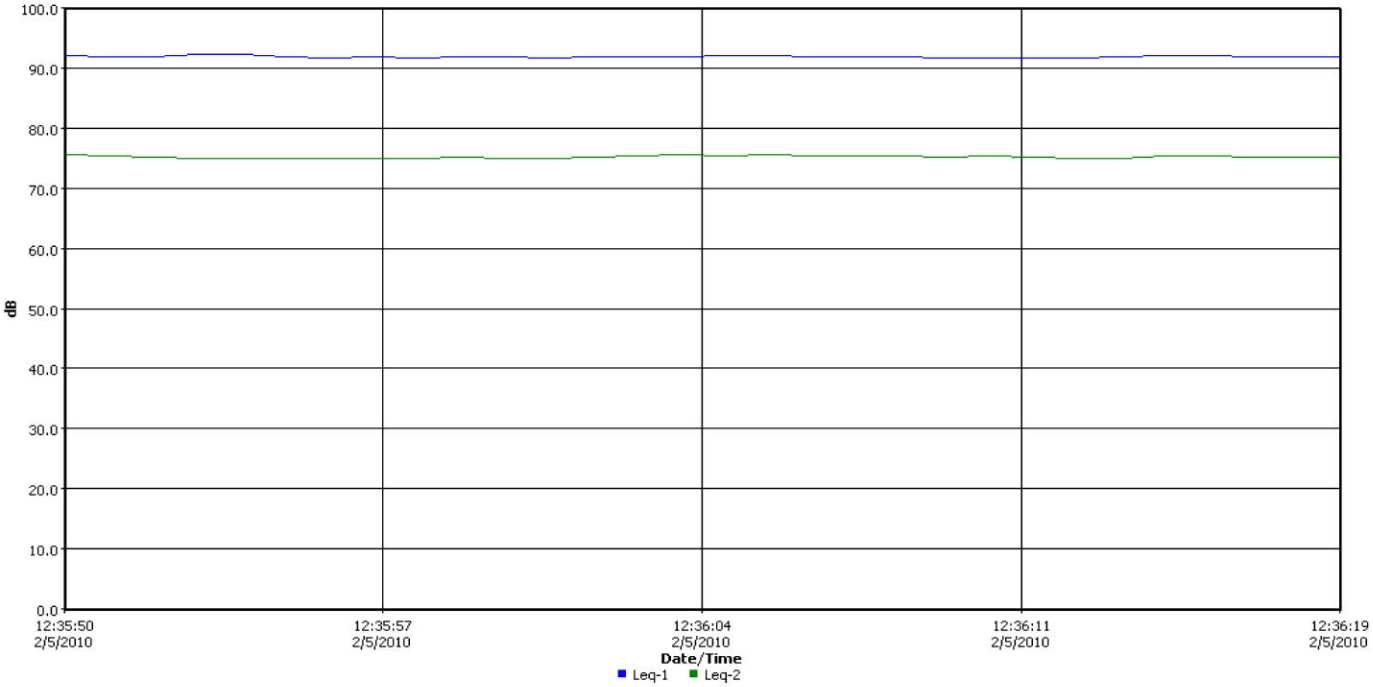


Primary Crusher @ 10m West

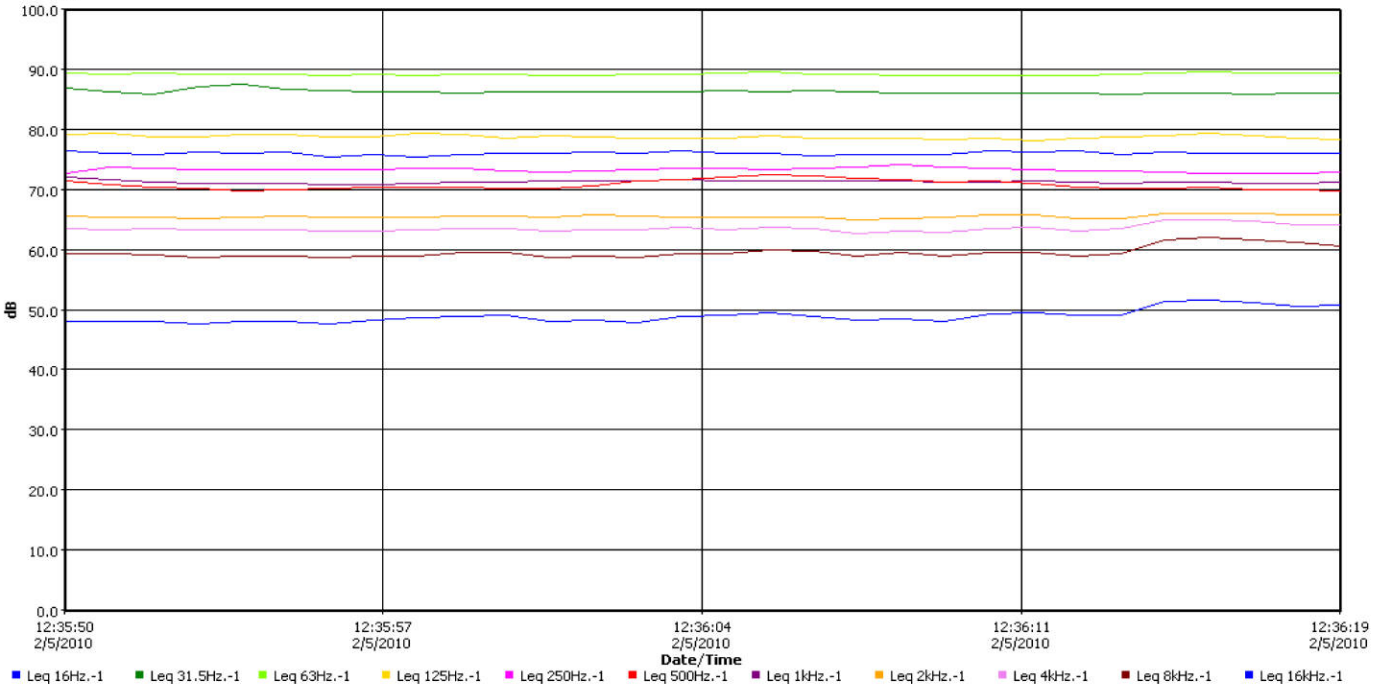
General Data Panel

Description	Meter/Sensor	Value	Description	Meter/Sensor	Value
Leq	1	91.9 dB	Leq	2	75.3 dB
Response	1	SLOW	Response	2	SLOW
Weighting	1	Z	Weighting	2	A

Logged Data Chart



Logged Data Chart

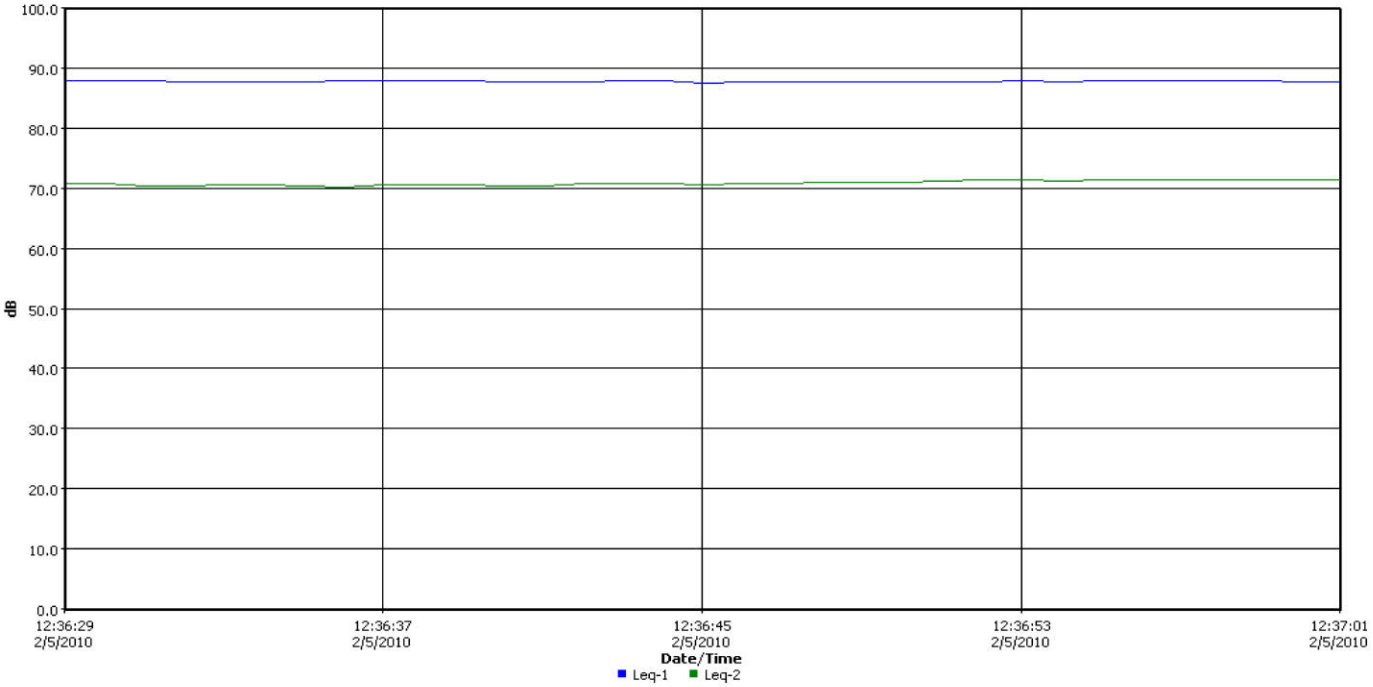


Primary Crusher @ 20m West

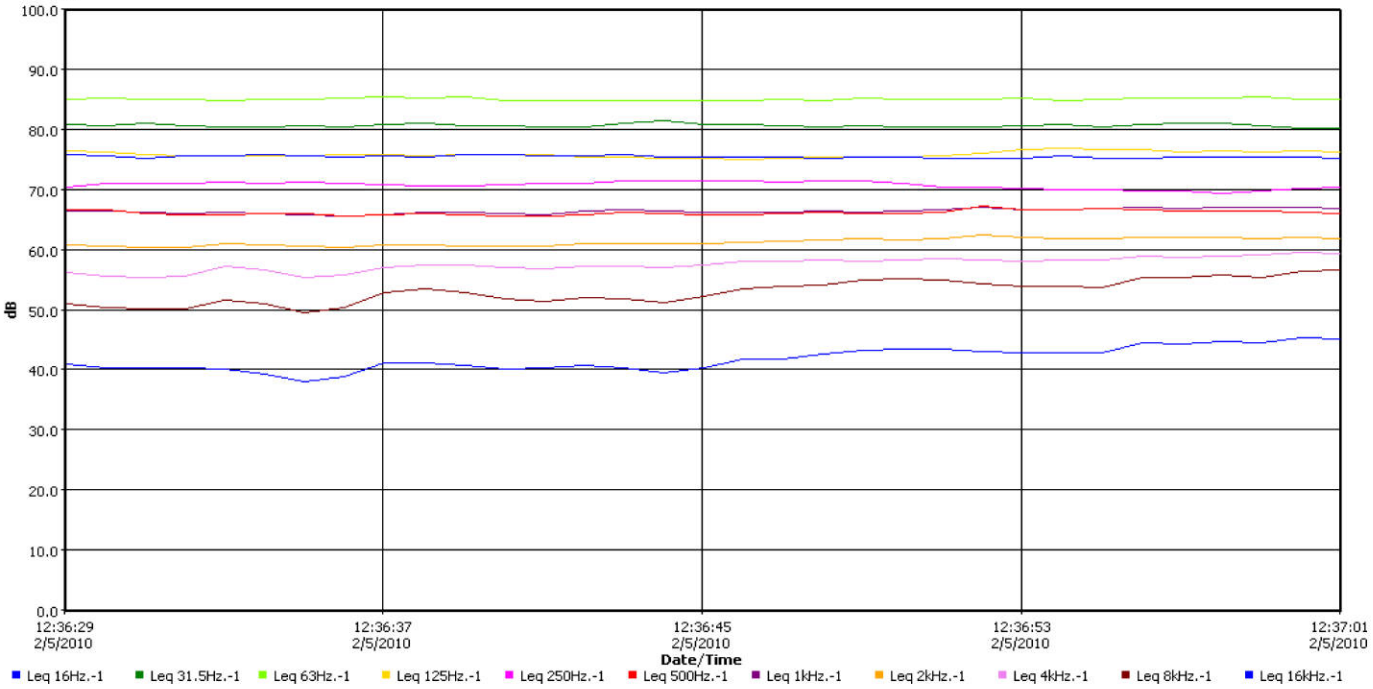
General Data Panel

Description	Meter/Sensor	Value	Description	Meter/Sensor	Value
Leq	1	87.8 dB	Leq	2	70.9 dB
Response	1	SLOW	Response	2	SLOW
Weighting	1	Z	Weighting	2	A

Logged Data Chart



Logged Data Chart



Device	Make and Model	Serial No.
Sound Meter	Quest Technologies Sound Pro SP DL-2-1/1	BHH030004
Pre Amp	Quest Technologies S Pro Preamp	02081699
Microphone	Quest Technologies QE7052	31233
Calibrator	Quest Technologies QC-10	QIH020050

The above described Sound Meter meets the requirements of NPC -102 – *Instrumentation* and measurements were taken in accordance with NPC-103 – *Procedures*.

Hourly Data Report for February 05, 2010

All times are specified in Local Standard Time (LST). Add 1 hour to adjust for Daylight Saving Time where and when it is observed.

PETERBOROUGH AWOS
ONTARIO

Latitude: 44° 13.800' N Longitude: 78° 22.200' W Elevation: 191.40 m

Climate ID: 6166420 WMO ID: 71629 TC ID: YPQ

Hourly Data Report for February 5, 2010

Time	Temp °C	Dew Point Temp °C	Rel Hum %	Wind Dir 10's deg	Wind Spd km/h	Visibility km	Stn Press kPa	Hmdx	Wind Chill	Weather
00:00	-4.6	-7.8	78	23	7	15.0	100.27		-8	
01:00	-3.8	-7.3	77	24	6	15.0	100.21		-6	
02:00	-3.6	-7.2	76	22	4	15.0	100.20		-5	
03:00	-3.6	-6.8	78	25	11	15.0	100.23		-8	
04:00	-3.5	-6.5	80	25	6	15.0	100.19		-6	
05:00	-4.7	-7.0	84	25	6	15.0	100.21		-7	
06:00	-5.2	-7.1	86		0	15.0	100.18			
07:00	-6.5	-7.6	92		0	15.0	100.15			
08:00	-6.9	-7.8	93		0	15.0	100.20			
09:00	-3.5	-6.0	83	1	7	15.0	100.26		-6	
10:00	-3.6	-7.3	75	4	13	15.0	100.25		-8	
11:00	-3.2	-8.6	66	4	9	15.0	100.25		-7	
12:00	-2.7	-9.7	59	3	11	15.0	100.14		-7	
13:00	-2.6	-10.4	55	5	4	15.0	100.10		-4	
14:00	-2.6	-10.0	57	3	9	15.0	100.00		-6	
15:00	-2.6	-10.6	54	4	7	15.0	100.02		-5	
16:00	-3.3	-10.9	56	3	15	15.0	99.97		-8	
17:00	-4.0	-11.7	55	4	17	15.0	99.93		-10	
18:00	-4.7	-11.8	58	5	7	15.0	99.90		-8	
19:00	-5.1	-13.0	54	4	13	15.0	99.86		-10	
20:00	-5.7	-14.5	50	5	9	15.0	99.85		-10	
21:00	-6.5	-15.2	50	3	15	15.0	99.78		-12	
22:00	-7.1	-16.0	49	4	11	15.0	99.78		-12	
23:00	-8.3	-16.2	53	4	22	15.0	99.73		-16	

APPENDIX D
Traffic Data

Traffic
Engineering
Software

Weekly Volume Summary

Thu, Apr 07, 2011

Location: N OF HWY 400
LHRS/Offset: 39110 / 0.0 **Region:** Central
Pattern Type: Intermediate Recreation **PCS#:** 32 **Hwy. TVIS#:** 93020
Count Direction: NB/SB **Report Dates:** Jul 14, 2009 **to** Jul 20, 2009

Hour Interval	Tue 09/07/14	Wed 15	Thu 16	Fri 17	Sat 18	Sun 19	Mon 20	Tue 21
0:00- 1:00		48	43	46	79	105	34	44
1:00- 2:00		33	37	28	37	73	14	37
2:00- 3:00		27	27	32	31	76	21	26
3:00- 4:00		24	21	23	29	36	21	25
4:00- 5:00		54	61	60	18	23	75	60
5:00- 6:00		138	135	135	43	17	176	144
6:00- 7:00		324	345	286	132	72	330	328
7:00- 8:00		548	527	498	219	157	532	498
8:00- 9:00		536	547	528	320	270	541	581
9:00-10:00		498	462	520	476	499	575	518
10:00-11:00		556	595	547	681	647	561	209
11:00-12:00		536	629	641	749	655	559	537
AM Total	0	3,322	3,429	3,344	2,814	2,630	3,439	3,007
12:00-13:00	550	664	628	641	733	773	564	
13:00-14:00	553	654	620	656	736	788	611	
14:00-15:00	572	615	635	726	666	830	597	
15:00-16:00	598	625	664	787	711	822	604	
16:00-17:00	750	812	773	780	599	666	732	
17:00-18:00	727	735	772	732	568	614	675	
18:00-19:00	606	487	524	558	508	567	464	
19:00-20:00	420	346	381	461	438	479	321	
20:00-21:00	354	280	291	401	362	388	316	
21:00-22:00	259	238	251	344	301	331	246	
22:00-23:00	168	158	166	282	263	183	130	
23:00-24:00	87	107	98	133	148	81	83	
PM Total	5,644	5,721	5,803	6,501	6,033	6,522	5,343	0
24 Hr. Total	5,644	9,043	9,232	9,845	8,847	9,152	8,782	3,007
Noon - Noon	8,966	9,150	9,147	9,315	8,663	9,961	8,350	

ADT	AWD	AADT	AAWD	SADT	SAWDT	WADT	DHV
9,079	8,903	7,237	8,107	8,757	8,836	6,151	868

SIBPOR

STAMSON 5.0 NORMAL REPORT Date: 20-05-2011 13:41:52
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: Time Period: 1 hours
Description: POR 9 - HWY 93, 9:00 - 10:00 am

Road data, segment # 1:

Car traffic volume	:	418 veh/TimePeriod
Medium truck volume	:	21 veh/TimePeriod
Heavy truck volume	:	23 veh/TimePeriod
Posted speed limit	:	80 km/h
Road gradient	:	0 %
Road pavement	:	1 (Typical asphalt or concrete)

Data for Segment # 1:

Angle1 Angle2	:	-90.00 deg	90.00 deg
Wood depth	:	0	(No woods.)
No of house rows	:	1	
House density	:	20 %	
Surface	:	1	(Absorptive ground surface)
Receiver source distance	:	160.00 m	
Receiver height	:	4.50 m	
Topography	:	1	(Flat/gentle slope; no barrier)
Reference angle	:	0.00	

~

Results segment # 1:

Source height = 1.49 m

ROAD (0.00 + 51.09 + 0.00) = 51.09 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.57	69.40	0.00	-16.14	-1.30	0.00	-0.87	0.00	51.09

Segment Leq : 51.09 dBA

Total Leq All Segments: 51.09 dBA

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TOTAL Leq FROM ALL SOURCES: 51.09

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SIBPOR

STAMSON 5.0 NORMAL REPORT Date: 13-05-2011 14:24:13
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: Time Period: 1 hours
Description: POR 16 - HWY 93, 9:00 - 10:00 am

Road data, segment # 1:

Car traffic volume	:	418 veh/TimePeriod
Medium truck volume	:	21 veh/TimePeriod
Heavy truck volume	:	23 veh/TimePeriod
Posted speed limit	:	80 km/h
Road gradient	:	0 %
Road pavement	:	1 (Typical asphalt or concrete)

Data for Segment # 1:

Angle1 Angle2	:	-90.00 deg	90.00 deg
Wood depth	:	0	(No woods.)
No of house rows	:	1	
House density	:	20 %	
Surface	:	1	(Absorptive ground surface)
Receiver source distance	:	125.00 m	
Receiver height	:	4.50 m	
Topography	:	1	(Flat/gentle slope; no barrier)
Reference angle	:	0.00	

~

Results segment # 1:

Source height = 1.49 m

ROAD (0.00 + 52.75 + 0.00) = 52.75 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.57	69.40	0.00	-14.46	-1.30	0.00	-0.90	0.00	52.75

Segment Leq : 52.75 dBA

Total Leq All Segments: 52.75 dBA

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TOTAL Leq FROM ALL SOURCES: 52.75

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SIBTHORP
STAMSON 5.0 NORMAL REPORT Date: 08-02-2013 16:00:46
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: Time Period: 1 hours
Description: POR 19 & 20 - HWY 93, 9:00 - 10:00 am

Road data, segment # 1:

Car traffic volume : 418 veh/TimePeriod
Medium truck volume : 21 veh/TimePeriod
Heavy truck volume : 23 veh/TimePeriod
Posted speed limit : 80 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1:

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 1
House density : 20 %
Surface : 1 (Absorptive ground surface)
Receiver source distance : 220.00 m
Receiver height : 4.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

~

Results segment # 1:

Source height = 1.49 m

ROAD (0.00 + 48.97 + 0.00) = 48.97 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.57	69.40	0.00	-18.31	-1.30	0.00	-0.82	0.00	48.97

Segment Leq : 48.97 dBA

Total Leq All Segments: 48.97 dBA

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TOTAL Leq FROM ALL SOURCES: 48.97

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APPENDIX E
CadnaA Tables

Point Sources

Name	M.	ID	Result. PWL			Lw / Li			Correction			Sound Reduction		Attenuation	K0	Freq.	Direct.	Height		Coordinates		
			Day	Evening	Night	Type	Value	norm.	Day	Evening	Night	R	Area							X	Y	Z
			(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)	dB(A)		(m²)		(dB)	(Hz)		(m)		(m)	(m)	(m)
S1 Crusher		WC1_Crusher	121.8	121.8	121.8	Lw	Crusher		0.0	0.0	0.0				0.0		(none)	3.00	r	1147.45	93.38	283.00
S2i		WC1_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1168.87	114.79	283.00
S2ii		WC1_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1161.13	106.99	283.00
S2iii		WC1_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1132.51	84.33	283.00
S2iv		WC1_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1129.73	75.81	283.00
S2v		WC1_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1003.84	127.06	283.00
S2vi		WC1_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1011.10	77.83	283.00
S4 Screen		WC1_Screen	111.8	111.8	111.8	Lw	Screen		0.0	0.0	0.0				0.0		(none)	3.00	r	1125.22	123.75	283.00
S1 Crusher	~	WC2_Crusher	121.8	121.8	121.8	Lw	Crusher		0.0	0.0	0.0				0.0		(none)	3.00	r	819.31	55.78	280.75
S2i	~	WC2_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	775.92	95.80	283.00
S2ii	~	WC2_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	780.55	83.70	282.56
S2iii	~	WC2_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	814.11	72.65	280.93
S2iv	~	WC2_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	826.55	67.33	280.41
S2vi	~	WC2_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	822.27	93.77	281.88
S2v	~	WC2_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	768.96	115.59	283.00
S4 Screen	~	WC2_Screen	111.8	111.8	111.8	Lw	Screen		0.0	0.0	0.0				0.0		(none)	3.00	r	827.41	119.31	283.00
S1 Crusher	~	WC3_Crusher	121.8	121.8	121.8	Lw	Crusher		0.0	0.0	0.0				0.0		(none)	3.00	r	684.06	102.13	273.00
S2i	~	WC3_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	652.74	110.30	273.00
S2ii	~	WC3_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	654.83	91.11	273.00
S2iii	~	WC3_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	702.50	105.11	273.00
S2iv	~	WC3_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	656.49	75.55	273.00
S2v	~	WC3_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	689.91	84.29	273.00
S2vi	~	WC3_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	707.65	89.46	273.00
S4 Screen	~	WC3_Screen	111.8	111.8	111.8	Lw	Screen		0.0	0.0	0.0				0.0		(none)	3.00	r	702.95	37.82	273.00
S1 Crusher	~	WC4_Crusher	121.8	121.8	121.8	Lw	Crusher		0.0	0.0	0.0				0.0		(none)	3.00	r	629.51	102.41	263.00
S2i	~	WC4_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	602.29	107.94	263.00
S2ii	~	WC4_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	629.37	38.40	263.00
S2iii	~	WC4_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	633.41	80.79	263.00
S2iv	~	WC4_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	645.33	78.81	263.00
S2v	~	WC4_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	603.75	35.84	263.00
S2vi	~	WC4_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	642.38	120.50	263.00
S4 Screen	~	WC4_Screen	111.8	111.8	111.8	Lw	Screen		0.0	0.0	0.0				0.0		(none)	3.00	r	688.13	57.08	253.00
S1 Crusher	~	WC5_Crusher	121.8	121.8	121.8	Lw	Crusher		0.0	0.0	0.0				0.0		(none)	3.00	r	1694.10	109.69	259.00
S2i	~	WC5_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1724.63	95.80	259.00
S2ii	~	WC5_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1710.17	95.54	259.00
S2iii	~	WC5_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1689.40	103.95	259.00
S1 Crusher	~	WC6_Crusher	121.8	121.8	121.8	Lw	Crusher		0.0	0.0	0.0				0.0		(none)	3.00	r	1902.16	87.59	257.00
S2i	~	WC6_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1923.51	95.74	257.00
S2ii	~	WC6_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1909.12	95.11	257.00
S2iii	~	WC6_Loader	108.0	108.0	108.0	Lw	Loader		0.0	0.0	0.0				0.0		(none)	3.00	r	1907.86	113.06	257.00

Line Sources

Name	M.	ID	Result. PWL			Result. PWL'			Lw / Li			Correction			Sound Reduction		Attenuation	K0	Direct.	Moving Pt. Src			
			Day	Evening	Night	Day	Evening	Night	Type	Value	norm.	Day	Evening	Night	R	Area				Number			Speed
			(dBA)	(dBA)	(dBA)	(dBA)	(dBA)	(dBA)			dB(A)	dB(A)	dB(A)	dB(A)		(m²)		(dB)		Day	Evening	Night	(km/h)
S3		WC1_Trucks	103.1	-14.7	-14.7	83.0	-34.7	-34.7	PWL-Pt	Truck		0.0	0.0	0.0				0.0	(none)	60.0	0.0	0.0	30.0
S3	~	WC2_Trucks	107.8	-9.9	-9.9	83.0	-34.7	-34.7	PWL-Pt	Truck		0.0	0.0	0.0				0.0	(none)	60.0	0.0	0.0	30.0
S3	~	WC3_Trucks	109.1	-8.6	-8.6	83.0	-34.7	-34.7	PWL-Pt	Truck		0.0	0.0	0.0				0.0	(none)	60.0	0.0	0.0	30.0
S3	~	WC4_Trucks	110.3	-7.5	-7.5	83.0	-34.7	-34.7	PWL-Pt	Truck		0.0	0.0	0.0				0.0	(none)	60.0	0.0	0.0	30.0
S3	~	WC5_Trucks	110.7	-7.1	-7.1	83.0	-34.7	-34.7	PWL-Pt	Truck		0.0	0.0	0.0				0.0	(none)	60.0	0.0	0.0	30.0
S3	~	WC6_Trucks	111.9	-5.9	-5.9	83.0	-34.7	-34.7	PWL-Pt	Truck		0.0	0.0	0.0				0.0	(none)	60.0	0.0	0.0	30.0

Sound Level Library

Name	ID	Type	Oktave Spectrum (dB)												Source
			Weight.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin	
	Truck	Lw		106.0	118.2	112.9	114.3	107.1	103.3	98.3	92.8	81.9	110.0	121.0	
	Crusher	Lw	A	84.5	101.1	106.5	113.0	114.1	118.4	114.4	104.8	86.5	121.8	131.0	
	Loader	Lw		92.6	97.6	107.3	112.3	104.3	102.8	96.3	89.5	81.4	108.0	114.5	
	Screen	Lw	A	74.5	91.1	96.5	103.0	104.1	108.4	104.4	94.8	76.5	111.8	121.0	

Configuration	
Parameter	Value
General	
Country	(user defined)
Max. Error (dB)	0.00
Max. Search Radius (m)	2200.00
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section (m)	2000.00
Min. Length of Section (m)	1.00
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Reference Time Day (min)	960.00
Reference Time Night (min)	480.00
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	6.00
Night-time Penalty (dB)	10.00
DTM	
Standard Height (m)	240.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	2
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	2000.00 2000.00
Min. Distance Rvcr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Excl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (°C)	10
rel. Humidity (%)	70
Ground Absorption G	1.00
Wind Speed for Dir. (m/s)	3.0
Roads (???)	
Railways (???)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver
Name: POR01
ID: 80 Darby Road
X: 1977.68
Y: -487.94
Z: 286.05

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.1	3.4	1.0	0.9	0.0	3.7	-0.0	-0.0	41.7	41.7

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.1	2.4	3.4	0.0	0.0	2.1	-0.0	-0.0	29.0	29.0

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.1	2.4	3.0	0.0	0.0	2.5	-0.0	-0.0	29.1	29.1

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.2	2.4	1.2	0.0	0.0	3.3	-0.0	-0.0	30.0	30.0

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.2	2.4	1.0	1.0	0.0	3.4	-0.0	-0.0	29.1	29.1

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.2	2.7	-1.0	0.0	0.0	4.7	-0.0	-0.0	29.4	29.4

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.0	2.6	-0.8	0.0	0.0	0.0	-0.0	-0.0	34.2	34.2

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	71.4	3.5	-0.1	0.0	0.0	4.0	-0.0	-0.0	33.0	33.0

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.2	2.2	0.8	0.0	0.0	0.0	-0.0	-0.0	28.9	-88.9

Receiver
Name: POR02
ID: 100 Carpenter Sideroad
X: -208.69
Y: 153.82
Z: 240.61

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	73.7	4.2	-1.1	0.9	0.0	5.0	-0.0	-0.0	39.1	39.1

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	73.8	3.1	-0.8	1.0	0.0	4.9	-0.0	-0.0	26.1	26.1

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	73.7	3.1	-0.8	1.0	0.0	4.9	-0.0	-0.0	26.1	26.1

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	73.6	3.0	-0.7	1.0	0.0	5.1	-0.0	-0.0	26.1	26.1

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	73.5	3.0	-0.7	1.0	0.0	5.1	-0.0	-0.0	26.0	26.0

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.7	2.8	4.6	4.1	0.0	10.0	-0.0	-0.0	13.9	13.9

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.8	2.8	4.2	3.9	0.0	8.5	-0.0	-0.0	15.9	15.9

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	73.5	4.2	-1.1	0.9	0.0	5.3	-0.0	-0.0	29.1	29.1

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	73.4	2.7	-0.7	1.2	0.0	5.4	-0.0	-0.0	21.2	-96.6

Receiver
Name: POR03
ID: Carpenter Sideroad
X: 206.33
Y: 459.53
Z: 247.35

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.1	3.3	-1.1	7.9	0.0	10.1	-0.0	-0.0	30.5	30.5

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.2	2.4	-0.7	5.4	0.0	8.4	-0.0	-0.0	21.3	21.3

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.2	2.4	-0.7	6.5	0.0	8.8	-0.0	-0.0	19.9	19.9

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.0	2.4	-0.6	8.6	0.0	9.9	-0.0	-0.0	16.7	16.7

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.0	2.4	-0.5	8.6	0.0	10.1	-0.0	-0.0	16.5	16.5

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	69.7	2.1	4.5	8.3	0.0	13.9	-0.0	-0.0	9.6	9.6

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	70.0	2.2	4.1	8.3	0.0	12.9	-0.0	-0.0	10.6	10.6

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	70.8	3.3	-1.0	6.9	0.0	10.3	-0.0	-0.0	21.6	21.6

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	70.9	2.2	-0.8	7.2	0.0	10.4	-0.0	-0.0	13.2	-104.6

Receiver
Name: POR04
ID: 249 Stamp Sideroad
X: 1636.00
Y: 487.00
Z: 258.22

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	67.0	2.3	1.1	4.1	0.0	6.0	-0.0	-0.0	41.4	41.4

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	66.5	1.6	3.7	4.0	0.0	4.7	-0.0	-0.0	27.6	27.6

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	66.7	1.6	3.1	4.0	0.0	4.6	-0.0	-0.0	28.1	28.1

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	67.2	1.7	1.0	3.8	0.0	5.1	-0.0	-0.0	29.3	29.3

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	67.3	1.7	0.8	4.0	0.0	5.1	-0.0	-0.0	29.2	29.2

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	68.2	1.8	-0.6	5.9	0.0	7.6	-0.0	-0.0	25.0	25.0

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	68.5	1.9	-1.1	6.1	0.0	5.2	-0.0	-0.0	27.5	27.5

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	67.0	2.3	-0.3	3.8	0.0	6.3	-0.0	-0.0	32.8	32.8

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	67.8	1.6	-0.8	4.0	0.0	5.5	-0.0	-0.0	25.0	-92.8

Receiver
Name: POR05
ID: Highway 93
X: 2071.18
Y: 727.73
Z: 251.57

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	72.0	3.6	1.0	0.9	0.0	3.6	-0.0	-0.0	40.7	40.7

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.8	2.6	3.4	1.0	0.0	2.1	-0.0	-0.0	27.1	27.1

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.8	2.6	2.9	0.9	0.0	2.3	-0.0	-0.0	27.5	27.5

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	72.1	2.6	1.1	0.0	0.0	3.4	-0.0	-0.0	28.8	28.8

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	72.2	2.7	1.0	0.0	0.0	3.5	-0.0	-0.0	28.8	28.8

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.8	2.8	-0.7	0.0	0.0	4.7	-0.0	-0.0	28.4	28.4

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.9	2.8	-0.9	0.0	0.0	4.7	-0.0	-0.0	28.6	28.6

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	72.0	3.6	-0.2	0.0	0.0	4.1	-0.0	-0.0	32.2	32.2

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	72.5	2.5	-0.8	0.0	0.0	4.6	-0.0	-0.0	24.3	-93.5

Receiver
Name: POR06
ID: Highway 93
X: 1985.34
Y: 688.35
Z: 252.31

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.2	3.4	1.0	1.1	0.0	3.8	-0.0	-0.0	41.3	41.3

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.0	2.4	3.5	1.3	0.0	2.4	-0.0	-0.0	27.5	27.5

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.1	2.4	2.9	1.2	0.0	2.5	-0.0	-0.0	27.9	27.9

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.4	2.5	1.1	1.0	0.0	3.5	-0.0	-0.0	28.7	28.7

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	0.9	1.0	0.0	3.6	-0.0	-0.0	28.7	28.7

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.1	2.6	-0.7	0.0	0.0	4.8	-0.0	-0.0	29.2	29.2

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.2	2.7	-1.0	0.0	0.0	4.7	-0.0	-0.0	29.4	29.4

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	71.3	3.4	-0.2	0.0	0.0	4.2	-0.0	-0.0	33.2	33.2

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.8	2.3	-0.8	0.9	0.0	4.6	-0.0	-0.0	24.3	-93.5

Receiver
Name: POR07
ID: Highway 93
X: 2032.84
Y: 648.97
Z: 252.69

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.4	3.4	0.8	1.3	0.0	3.8	-0.0	-0.0	41.1	41.1

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.1	2.4	3.2	1.5	0.0	2.6	-0.0	-0.0	27.3	27.3

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.2	2.4	2.6	1.4	0.0	2.7	-0.0	-0.0	27.7	27.7

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	0.9	1.0	0.0	3.6	-0.0	-0.0	28.6	28.6

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.6	2.5	0.8	1.0	0.0	3.8	-0.0	-0.0	28.5	28.5

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.3	2.7	-0.8	0.0	0.0	4.7	-0.0	-0.0	29.2	29.2

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.4	2.7	-1.1	0.0	0.0	4.7	-0.0	-0.0	29.3	29.3

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	71.4	3.5	-0.3	0.9	0.0	4.3	-0.0	-0.0	32.0	32.0

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.9	2.4	-1.0	0.9	0.0	4.7	-0.0	-0.0	24.3	-93.5

Receiver
Name: POR08
ID: Highway 93
X: 2168.90
Y: 612.41
Z: 252.52

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	72.2	3.7	1.2	1.2	0.0	3.7	-0.0	-0.0	39.8	39.8

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	72.0	2.6	3.5	1.3	0.0	2.0	-0.0	-0.0	26.6	26.6

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	72.0	2.6	3.0	1.3	0.0	2.2	-0.0	-0.0	26.9	26.9

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	72.3	2.7	1.4	1.0	0.0	3.3	-0.0	-0.0	27.4	27.4

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	72.4	2.7	1.2	1.0	0.0	3.4	-0.0	-0.0	27.4	27.4

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	73.0	2.9	-0.8	0.0	0.0	4.7	-0.0	-0.0	28.3	28.3

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	73.1	2.9	-0.9	0.0	0.0	4.7	-0.0	-0.0	28.2	28.2

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	72.2	3.7	0.1	0.0	0.0	4.0	-0.0	-0.0	31.7	31.7

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	72.6	2.5	-0.7	0.0	0.0	4.6	-0.0	-0.0	24.1	-93.7

Receiver
Name: POR09
ID: Highway 93
X: 1939.84
Y: 586.19
Z: 253.81

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	70.4	3.1	1.0	1.8	0.0	4.0	-0.0	-0.0	41.4	41.4

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	70.1	2.2	3.5	1.9	0.0	2.8	-0.0	-0.0	27.5	27.5

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	70.2	2.2	3.0	1.8	0.0	2.8	-0.0	-0.0	28.0	28.0

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	70.6	2.3	1.2	1.5	0.0	3.5	-0.0	-0.0	29.0	29.0

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	70.6	2.3	1.1	1.5	0.0	3.8	-0.0	-0.0	28.8	28.8

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	71.4	2.5	-0.8	0.0	0.0	4.7	-0.0	-0.0	30.3	30.3

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	-1.0	0.0	0.0	4.7	-0.0	-0.0	30.3	30.3

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	70.4	3.2	-0.1	0.9	0.0	4.4	-0.0	-0.0	33.0	33.0

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.0	2.2	-0.8	1.3	0.0	4.9	-0.0	-0.0	24.5	-93.3

Receiver
Name: POR10
ID: Highway 93
X: 2118.24
Y: 561.74
Z: 253.35

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.6	3.5	1.2	1.5	0.0	3.9	-0.0	-0.0	39.9	39.9

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.4	2.5	3.5	1.6	0.0	2.2	-0.0	-0.0	26.8	26.8

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	3.1	1.5	0.0	2.4	-0.0	-0.0	27.0	27.0

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.8	2.6	1.4	1.2	0.0	3.4	-0.0	-0.0	27.7	27.7

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.8	2.6	1.3	1.2	0.0	3.5	-0.0	-0.0	27.6	27.6

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.6	2.8	-0.8	0.0	0.0	4.7	-0.0	-0.0	28.9	28.9

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.6	2.8	-0.9	0.0	0.0	4.7	-0.0	-0.0	28.8	28.8

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	71.7	3.5	0.1	0.0	0.0	4.1	-0.0	-0.0	32.3	32.3

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	72.1	2.4	-0.7	0.9	0.0	4.7	-0.0	-0.0	23.8	-94.0

Receiver
Name: POR11
ID: Highway 93
X: 2027.79
Y: 429.44
Z: 254.50

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	70.5	3.2	1.3	2.4	0.0	4.9	-0.0	-0.0	39.5	39.5

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	70.2	2.2	3.8	2.3	0.0	3.1	-0.0	-0.0	26.4	26.4

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	70.3	2.2	3.3	2.3	0.0	3.4	-0.0	-0.0	26.5	26.5

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	70.6	2.3	1.4	2.1	0.0	4.0	-0.0	-0.0	27.6	27.6

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	70.7	2.3	1.2	2.1	0.0	4.1	-0.0	-0.0	27.6	27.6

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	71.6	2.5	-1.0	0.0	0.0	4.7	-0.0	-0.0	30.2	30.2

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	71.6	2.5	-0.9	0.0	0.0	4.7	-0.0	-0.0	30.1	30.1

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	70.6	3.2	0.2	1.1	0.0	4.3	-0.0	-0.0	32.4	32.4

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.0	2.2	-1.0	1.1	0.0	5.2	-0.0	-0.0	24.7	-93.1

Receiver
Name: POR12
ID: Highway 93
X: 2158.67
Y: 365.39
Z: 254.50

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.4	3.4	1.4	2.5	0.0	4.3	-0.0	-0.0	38.7	38.7

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.2	2.4	3.9	2.6	0.0	3.0	-0.0	-0.0	25.0	25.0

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.3	2.4	3.3	2.6	0.0	3.2	-0.0	-0.0	25.2	25.2

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	1.6	2.1	0.0	3.5	-0.0	-0.0	26.8	26.8

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.6	2.5	1.4	2.0	0.0	3.5	-0.0	-0.0	27.0	27.0

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.4	2.7	-0.9	0.0	0.0	4.7	-0.0	-0.0	29.1	29.1

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.5	2.7	-0.9	0.0	0.0	4.7	-0.0	-0.0	29.0	29.0

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	71.5	3.5	0.3	1.1	0.0	4.0	-0.0	-0.0	31.4	31.4

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.9	2.4	-0.7	0.0	0.0	4.7	-0.0	-0.0	24.9	-92.9

Receiver
Name: POR13
ID: 7002 Highway 93
X: 2036.98
Y: 354.63
Z: 254.50

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	70.3	3.1	1.5	3.1	0.0	5.1	-0.0	-0.0	38.6	38.6

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	70.1	2.2	3.9	3.0	0.0	3.6	-0.0	-0.0	25.2	25.2

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	70.2	2.2	3.4	3.1	0.0	3.9	-0.0	-0.0	25.3	25.3

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	70.5	2.3	1.7	2.8	0.0	4.0	-0.0	-0.0	26.8	26.8

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	70.5	2.3	1.5	2.8	0.0	4.0	-0.0	-0.0	26.9	26.9

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	-1.0	0.0	0.0	4.7	-0.0	-0.0	30.3	30.3

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	-0.9	0.0	0.0	4.7	-0.0	-0.0	30.2	30.2

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	70.5	3.2	0.3	1.7	0.0	4.3	-0.0	-0.0	31.9	31.9

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	70.9	2.2	-0.7	0.0	0.0	4.8	-0.0	-0.0	25.9	-91.8

Receiver
Name: POR14
ID: Darby Road
X: 2067.41
Y: 101.54
Z: 263.17

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	70.3	3.1	2.0	2.1	0.0	8.7	-0.0	-0.0	35.6	35.6

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	70.1	2.2	4.2	3.5	0.0	7.5	-0.0	-0.0	20.5	20.5

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	70.1	2.2	3.8	3.4	0.0	7.1	-0.0	-0.0	21.4	21.4

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	70.4	2.3	2.2	1.1	0.0	7.6	-0.0	-0.0	24.4	24.4

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	70.5	2.3	2.0	1.0	0.0	8.0	-0.0	-0.0	24.2	24.2

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	-0.9	0.0	0.0	5.5	-0.0	-0.0	29.4	29.4

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	-0.8	0.0	0.0	5.8	-0.0	-0.0	29.1	29.1

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	70.5	3.2	0.8	2.6	0.0	7.7	-0.0	-0.0	27.1	27.1

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	70.7	2.1	-0.3	1.4	0.0	7.7	-0.0	-0.0	21.5	-96.3

Receiver
Name: POR15
ID: Darby Road
X: 2137.55
Y: 60.58
Z: 261.72

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	70.9	3.3	2.1	1.2	0.0	8.1	-0.0	-0.0	36.2	36.2

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	70.7	2.3	4.2	2.8	0.0	6.7	-0.0	-0.0	21.2	21.2

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	70.8	2.3	3.8	2.6	0.0	6.3	-0.0	-0.0	22.2	22.2

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.0	2.4	2.2	0.9	0.0	7.1	-0.0	-0.0	24.4	24.4

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.1	2.4	2.0	0.0	0.0	7.3	-0.0	-0.0	25.2	25.2

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.1	2.6	-0.9	0.0	0.0	5.1	-0.0	-0.0	29.0	29.0

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.0	2.6	-0.8	0.0	0.0	5.4	-0.0	-0.0	28.8	28.8

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	71.1	3.4	0.8	1.9	0.0	6.8	-0.0	-0.0	27.8	27.8

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.3	2.2	-0.3	1.2	0.0	6.7	-0.0	-0.0	22.0	-95.8

Receiver
Name: POR16
ID: 20 Darby Road
X: 2049.16
Y: 29.02
Z: 264.91

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	70.1	3.1	2.1	1.5	0.0	9.6	-0.0	-0.0	35.5	35.5

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	69.9	2.1	4.3	3.4	0.0	8.0	-0.0	-0.0	20.3	20.3

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	70.0	2.2	3.8	3.0	0.0	7.6	-0.0	-0.0	21.4	21.4

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	70.3	2.2	2.2	1.1	0.0	8.6	-0.0	-0.0	23.7	23.7

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	70.3	2.2	2.1	1.0	0.0	8.7	-0.0	-0.0	23.8	23.8

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	71.4	2.5	-0.8	0.0	0.0	5.8	-0.0	-0.0	29.2	29.2

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	71.3	2.5	-0.8	0.0	0.0	6.2	-0.0	-0.0	28.8	28.8

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	70.4	3.1	0.8	2.5	0.0	8.2	-0.0	-0.0	26.7	26.7

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	70.5	2.1	-0.4	2.0	0.0	7.9	-0.0	-0.0	20.9	-96.9

Receiver
Name: POR17
ID: Darby Road
X: 2073.71
Y: -16.16
Z: 263.38

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	70.4	3.1	2.1	1.0	0.0	9.3	-0.0	-0.0	35.9	35.9

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	70.2	2.2	4.3	2.9	0.0	7.7	-0.0	-0.0	20.8	20.8

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	70.3	2.2	3.8	2.2	0.0	7.6	-0.0	-0.0	21.9	21.9

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	70.5	2.3	2.2	0.9	0.0	8.1	-0.0	-0.0	24.0	24.0

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	70.5	2.3	2.0	0.9	0.0	8.0	-0.0	-0.0	24.2	24.2

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	71.7	2.5	-0.8	0.0	0.0	5.6	-0.0	-0.0	29.0	29.0

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	71.6	2.5	-0.8	0.0	0.0	5.7	-0.0	-0.0	29.1	29.1

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	70.6	3.2	0.8	2.0	0.0	7.9	-0.0	-0.0	27.2	27.2

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	70.8	2.1	-0.4	1.7	0.0	6.9	-0.0	-0.0	22.1	-95.7

Receiver
Name: POR18
ID: Highway 93
X: 2154.42
Y: -26.08
Z: 261.06

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.1	3.4	1.6	0.7	0.0	8.6	-0.0	-0.0	36.5	36.5

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.0	2.4	3.8	2.6	0.0	7.0	-0.0	-0.0	21.4	21.4

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.0	2.4	3.3	2.0	0.0	6.8	-0.0	-0.0	22.5	22.5

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.2	2.4	1.7	0.0	0.0	7.3	-0.0	-0.0	25.3	25.3

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.3	2.4	1.7	0.0	0.0	7.1	-0.0	-0.0	25.6	25.6

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.3	2.7	-1.2	0.0	0.0	5.1	-0.0	-0.0	29.1	29.1

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.2	2.7	-1.0	0.0	0.0	5.1	-0.0	-0.0	29.0	29.0

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	71.3	3.4	0.3	1.7	0.0	7.0	-0.0	-0.0	28.0	28.0

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1118.35	77.78	282.50	0	0	97.4	-20.4	0.0	0.0	71.3	2.3	0.4	0.0	0.0	7.2	-0.0	-0.0	16.2	-101.6
2	1110.99	61.61	282.50	0	0	92.2	-25.6	0.0	0.0	71.4	2.3	0.1	0.8	0.0	6.4	-0.0	-0.0	11.2	-106.6
3	1095.64	27.82	282.50	0	0	101.2	-16.5	0.0	0.0	71.5	2.3	-0.7	0.9	0.0	5.6	-0.0	-0.0	21.6	-96.2

Receiver
Name: POR19
ID: Darby Road1
X: 2151.38
Y: -285.71
Z: 261.27

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.6	3.5	1.9	0.0	0.0	6.5	-0.0	-0.0	38.2	38.2

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	4.1	1.0	0.0	4.9	-0.0	-0.0	24.0	24.0

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.5	2.5	3.6	0.9	0.0	5.2	-0.0	-0.0	24.2	24.2

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.7	2.5	1.8	1.0	0.0	4.7	-0.0	-0.0	26.4	26.4

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.7	2.5	1.6	0.9	0.0	4.3	-0.0	-0.0	27.0	27.0

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.7	2.8	-0.9	0.0	0.0	4.7	-0.0	-0.0	28.7	28.7

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.6	2.8	-0.9	0.0	0.0	4.7	-0.0	-0.0	28.9	28.9

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	71.9	3.6	0.5	0.0	0.0	5.0	-0.0	-0.0	30.9	30.9

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.8	2.3	-0.4	0.8	0.0	4.8	-0.0	-0.0	23.7	-94.1

Receiver
Name: POR20
ID: Darby Road2
X: 2148.88
Y: -338.64
Z: 263.79

Point Source, ISO 9613, Name: "S1 Crusher", ID: "WC1_Crusher"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1147.45	93.38	283.00	0	0	121.8	121.8	0.0	0.0	71.8	3.6	1.9	0.0	0.0	6.3	-0.0	-0.0	38.3	38.3

Point Source, ISO 9613, Name: "S2i", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1168.87	114.79	283.00	0	0	108.0	108.0	0.0	0.0	71.7	2.5	4.1	1.0	0.0	4.9	-0.0	-0.0	23.9	23.9

Point Source, ISO 9613, Name: "S2ii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1161.13	106.99	283.00	0	0	108.0	108.0	0.0	0.0	71.7	2.5	3.6	0.9	0.0	5.1	-0.0	-0.0	24.1	24.1

Point Source, ISO 9613, Name: "S2iii", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1132.51	84.33	283.00	0	0	108.0	108.0	0.0	0.0	71.8	2.6	1.7	1.0	0.0	4.4	-0.0	-0.0	26.6	26.6

Point Source, ISO 9613, Name: "S2iv", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1129.73	75.81	283.00	0	0	108.0	108.0	0.0	0.0	71.8	2.6	1.5	1.0	0.0	3.8	-0.0	-0.0	27.4	27.4

Point Source, ISO 9613, Name: "S2v", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1003.84	127.06	283.00	0	0	108.0	108.0	0.0	0.0	72.8	2.8	-0.9	0.0	0.0	4.7	-0.0	-0.0	28.6	28.6

Point Source, ISO 9613, Name: "S2vi", ID: "WC1_Loader"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1011.10	77.83	283.00	0	0	108.0	108.0	0.0	0.0	72.7	2.8	-0.9	0.0	0.0	4.7	-0.0	-0.0	28.7	28.7

Point Source, ISO 9613, Name: "S4 Screen", ID: "WC1_Screen"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1125.22	123.75	283.00	0	0	111.8	111.8	0.0	0.0	72.0	3.6	0.4	0.0	0.0	4.9	-0.0	-0.0	30.8	30.8

Line Source, ISO 9613, Name: "S3", ID: "WC1_Trucks"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	1102.99	44.00	282.50	0	0	103.1	-14.7	0.0	0.0	71.9	2.4	0.2	0.0	0.0	4.0	-0.0	-0.0	24.6	-93.2

APPENDIX F
Curriculum Vitae

STEPHEN D. POLLOCK, P. ENG.

Education:

- Bachelor of Science (Engineering), Queen's University, Kingston, Ontario

Experience:

- President - Theakston Environmental Holdco Inc.
- Chief Engineer, F. H. Theakston Environmental Control Inc., Fergus, Ontario
- Project Engineer, F. H. Theakston Environmental Control Inc., Fergus, Ontario
- Vice-President - Pollock Bros. Construction Inc. Fergus, Ontario
- Maintenance Superintendent, Kidd Creek Mines Ltd. Timmins, Ontario
- Mine Engineer, Kidd Creek Mines Ltd. Timmins, Ontario
- Associate Mine Engineer, Kidd Creek Mines Ltd. Timmins, Ontario
- Mine Planning Engineer, Kidd Creek Mines Ltd. Timmins, Ontario
- Mine Labour, Falconbridge Nickel Mines Ltd. Sudbury, Ontario (summer)

Membership:

- The Canadian Society of Mining Engineers
- The American Society of Mining Engineering
- The Association of Professional Engineers of Ontario

Professional:

- Professional Engineer Designation, Association of Professional Engineers of Ontario
- Consulting Engineer Designation, Association of Professional Engineers of Ontario

Institutes:

- Director Canadian Snow & Wind Institute.
- Saint Mary's Parish Council.

CHRISTOPHER QUINKE, B.Sc.

EDUCATION:

- B.Sc (Honors), Physical Science, University of Guelph, Guelph, ON.

EXPERIENCE:

- Project Manager – Theakston Environmental Holdco Inc., Fergus, Ontario
- Project Scientist – Theakston Environmental Holdco Inc., Fergus, Ontario
- Summer Student – F. H. Theakston Environmental Control Inc., Fergus, Ontario

PARTIAL SUMMARY OF EXPERIENCE:

Acoustic Assessment Reports

Pits & Quarries

- K.J. Beamish Construction Co., Limited – Spragge Asphalt Plant
- K.J. Beamish Construction Co., Limited – Orillia Asphalt Plant
- K.J. Beamish Construction Co., Limited – Midland Asphalt Plant
- K.J. Beamish Construction Co., Limited – Holt Asphalt Plant
- Cedarhurst Quarries & Crushing Limited – Campbell Quarry
- Drain Bros Excavating Limited – Havelock Fixed Crusher
- Drain Bros Excavating Limited – Division Road Mobile Plant
- Drain Bros Excavating Limited – HWY 7 Mobile Plant
- C.D.R. Young's Aggregate Inc. – 250 tonne/hour Mobile Crushing Spread
- C.D.R. Young's Aggregate Inc. – 300 tonne/hour Mobile Crushing Spread

Industrial

- London Health Sciences
- Woodstock General Hospital
- Sioux Lookout
- Royal Victoria Hospital
- St. Joseph's Healthcare Generator Project
- Georgetown Hospital
- Trent University
- Lakehead University
- Queen's University